

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109972.D
 Acq On : 18 Oct 2018 21:25
 Operator : JU/SJ
 Sample : J5571-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 04:53:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	180737	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	655053	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	275107	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	429869	20.00	ng	0.00
76) Chrysene-d12	14.16	240	338117	20.00	ng	0.00
87) Perylene-d12	15.69	264	390512	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	596224	52.29	ng	0.00
7) Phenol-d6	6.59	99	470656	33.24	ng	-0.01
23) Nitrobenzene-d5	7.54	82	957803	98.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	301549	126.61	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1597140	92.64	ng	0.00
79) Terphenyl-d14	13.10	244	1158684	71.96	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	63344	9.781	ng	88
3) Pyridine	3.65	79	102047	7.068	ng	88
4) n-Nitrosodimethylamine	3.58	42	81053	13.762	ng	# 94
6) Aniline	6.64	93	118637	6.218	ng	# 52
8) 2-Chlorophenol	6.76	128	390084	30.542	ng	96
9) Benzaldehyde	6.53	77	178643	19.416	ng	94
10) Phenol	6.60	94	210368	13.762	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	451267	35.307	ng	92
12) 1,3-Dichlorobenzene	6.92	146	522411	37.302	ng	99
13) 1,4-Dichlorobenzene	6.99	146	517721	36.706	ng	97
14) 1,2-Dichlorobenzene	7.15	146	482328	37.136	ng	98
15) Benzyl Alcohol	7.11	79	231660	21.268	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	747280	35.621	ng	68
17) 2-Methylphenol	7.22	107	251469	24.417	ng	# 84
18) Hexachloroethane	7.49	117	281000	56.376	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	322089	35.431	ng	94
20) 3+4-Methylphenols	7.37	107	281972	21.575	ng	96
22) Acetophenone	7.38	105	638782	42.049	ng	97
24) Nitrobenzene	7.56	77	491697	46.546	ng	95
25) Isophorone	7.79	82	852561	44.621	ng	97
26) 2-Nitrophenol	7.87	139	237947	54.327	ng	92
27) 2,4-Dimethylphenol	7.90	122	369949	40.198	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	544574	41.530	ng	99
29) 2,4-Dichlorophenol	8.11	162	349157	39.109	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	414419	41.457	ng	96
31) Naphthalene	8.29	128	1509292	50.246	ng	100
32) Benzoic acid	8.01	122	97378	16.982	ng	96
33) 4-Chloroaniline	8.33	127	48487	3.591	ng	97
34) Hexachlorobutadiene	8.39	225	230931	41.894	ng	99
35) Caprolactam	8.72	113	6073	1.915	ng	# 1
36) 4-Chloro-3-methylphenol	8.80	107	312402	33.169	ng	95
37) 2-Methylnaphthalene	8.97	142	1072684	55.149	ng	99
38) 1-Methylnaphthalene	8.97	142	1072684	56.913	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	366841	43.292	ng	# 96

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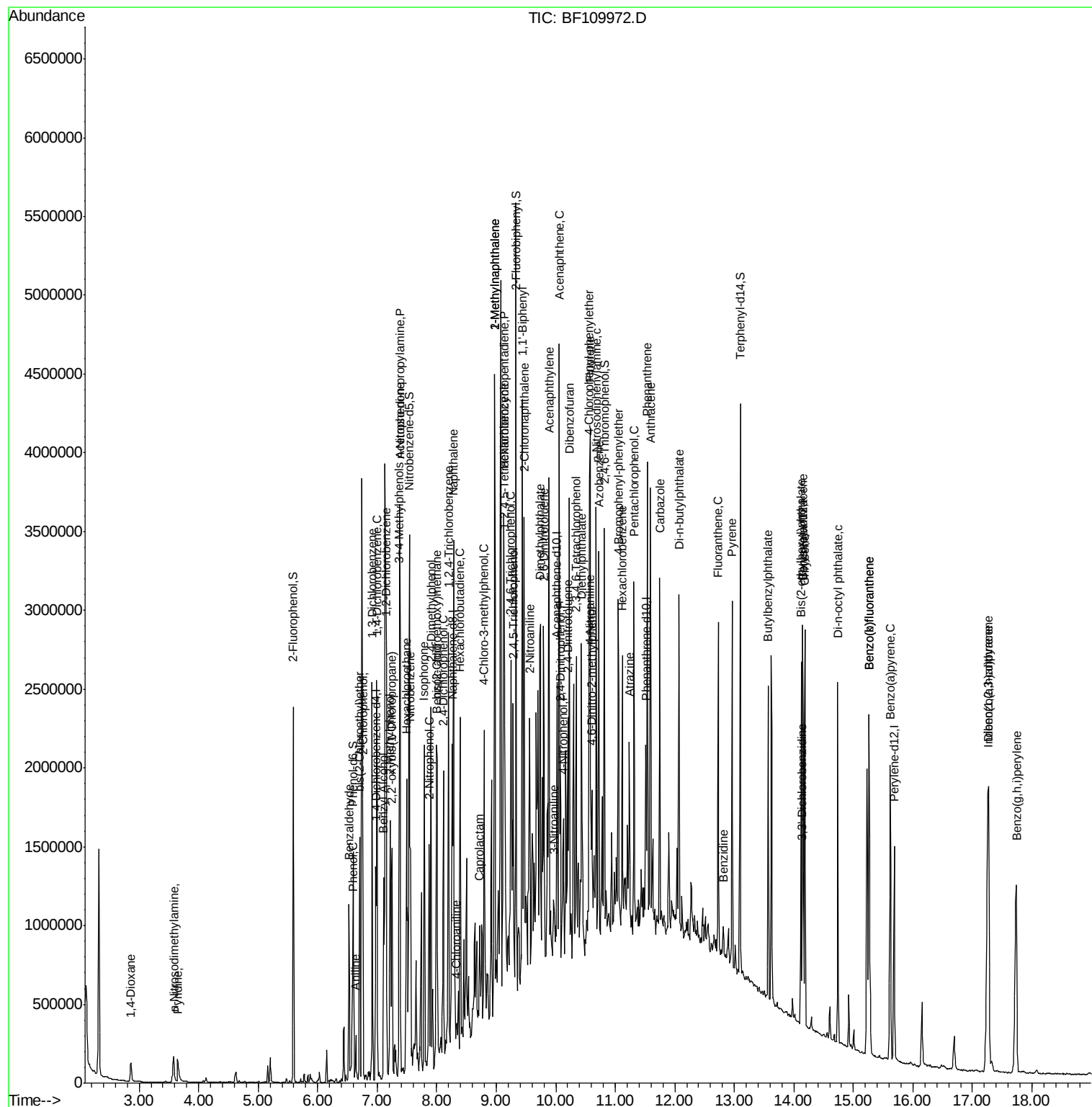
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	458825	112.186	ng	98
43) 2,4,6-Trichlorophenol	9.25	196	230665	43.534	ng	95
44) 2,4,5-Trichlorophenol	9.29	196	233723	42.502	ng	95
46) 1,1'-Biphenyl	9.44	154	1037415	42.325	ng	100
47) 2-Chloronaphthalene	9.47	162	770377	42.669	ng	100
48) 2-Nitroaniline	9.56	65	214378	46.268	ng	90
49) Acenaphthylene	9.89	152	1159242	44.198	ng	97
50) Dimethylphthalate	9.74	163	832907	42.757	ng	100
51) 2,6-Dinitrotoluene	9.80	165	180651	48.825	ng	96
52) Acenaphthene	10.06	154	848250	50.798	ng	99
53) 3-Nitroaniline	9.97	138	34909	7.756	ng	# 73
54) 2,4-Dinitrophenol	10.07	184	149192	121.390	ng	93
55) Dibenzofuran	10.23	168	1054534	44.281	ng	98
56) 4-Nitrophenol	10.13	139	103597	30.166	ng	97
57) 2,4-Dinitrotoluene	10.20	165	241957	51.409	ng	# 87
58) Fluorene	10.57	166	846702	48.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	187391	42.997	ng	# 90
60) Diethylphthalate	10.43	149	755263	39.255	ng	99
61) 4-Chlorophenyl-phenylether	10.56	204	372898	41.294	ng	97
62) 4-Nitroaniline	10.59	138	113935	26.743	ng	92
63) Azobenzene	10.72	77	759440	37.783	ng	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	96940	59.902	ng	79
66) n-Nitrosodiphenylamine	10.68	169	640910	44.765	ng	95
67) 4-Bromophenyl-phenylether	11.05	248	208604	44.778	ng	# 88
68) Hexachlorobenzene	11.12	284	223674	45.024	ng	96
69) Atrazine	11.23	200	117832	26.348	ng	96
70) Pentachlorophenol	11.32	266	220359	77.942	ng	95
71) Phenanthrene	11.54	178	1013008	45.519	ng	99
72) Anthracene	11.59	178	1015828	45.402	ng	99
73) Carbazole	11.75	167	868479	39.496	ng	99
74) Di-n-butylphthalate	12.07	149	1025993	41.809	ng	99
75) Fluoranthene	12.73	202	918241	41.303	ng	99
77) Benzidine	12.82	184	1117	0.086	ng	# 1
78) Pyrene	12.96	202	925688	37.276	ng	99
80) Butylbenzylphthalate	13.57	149	422096	42.042	ng	99
81) Benzo(a)anthracene	14.15	228	899604	45.170	ng	99
82) 3,3'-Dichlorobenzidine	14.13	252	1406	0.201	ng	# 38
83) Chrysene	14.19	228	841618	44.396	ng	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	597238	45.208	ng	96
85) Di-n-octyl phthalate	14.74	149	1083734	58.186	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1212485	79.438	ng	# 95
88) Benzo(b)fluoranthene	15.26	252	900493	39.997	ng	99
89) Benzo(k)fluoranthene	15.26	252	900493	40.579	ng	98
90) Benzo(a)pyrene	15.62	252	947281	45.748	ng	98
91) Dibenzo(a,h)anthracene	17.27	278	1002162	54.612	ng	98
92) Benzo(g,h,i)perylene	17.74	276	1033493	55.742	ng	96

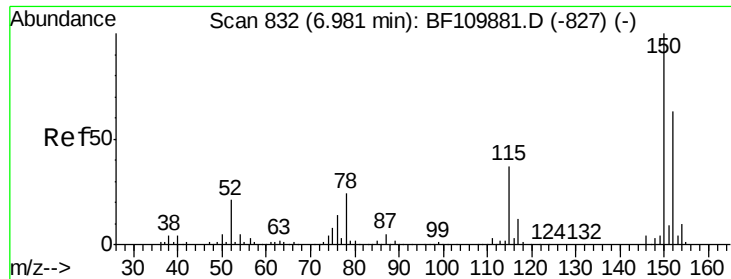
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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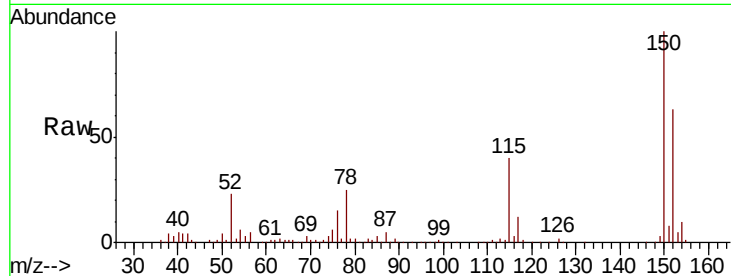


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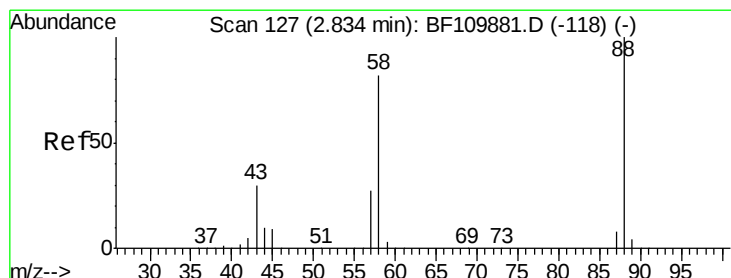
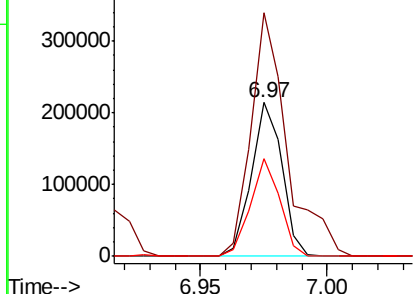
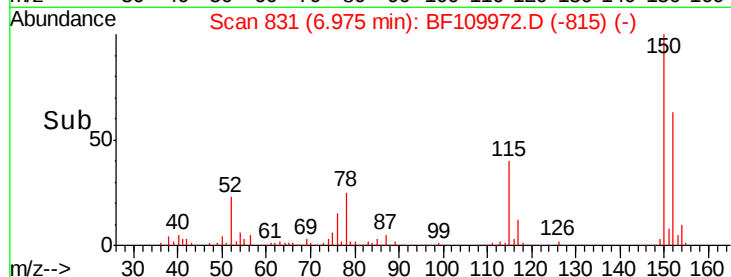
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	64.0	49.1	73.7



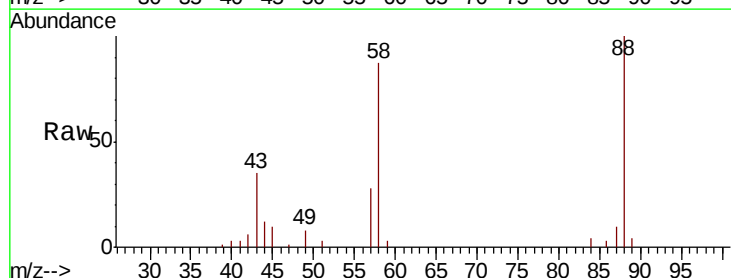
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



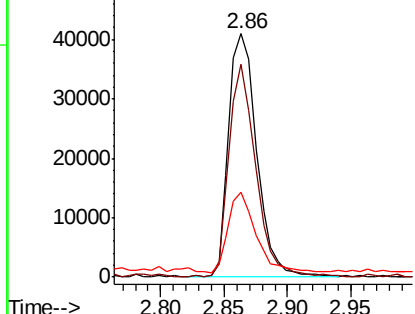
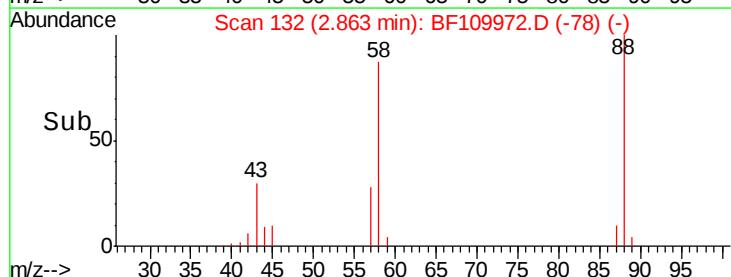
#2

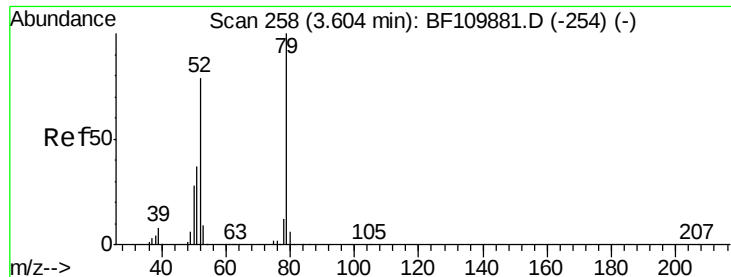
1,4-Dioxane
Concen: 9.781 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.02 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	57.1	85.7
43	32.8	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 7.068 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.03 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

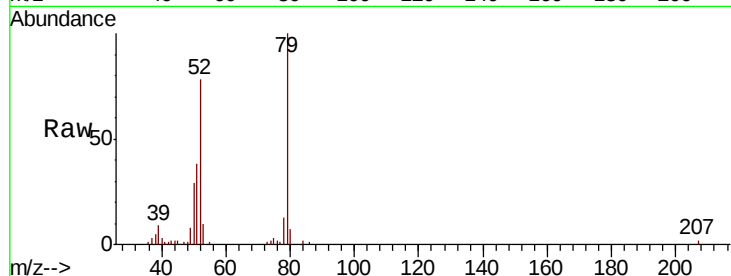
Tot Ion: 79 Resp: 102047

Ion Ratio Lower Upper

79 100

52 78.5 53.1 79.7

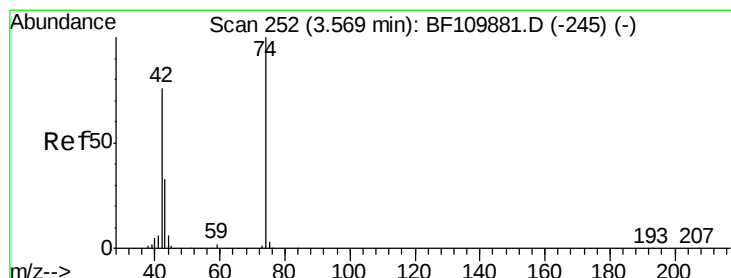
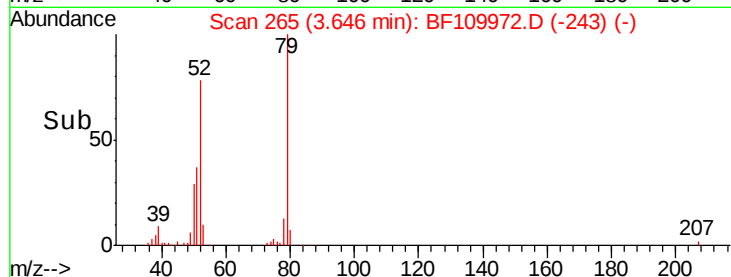
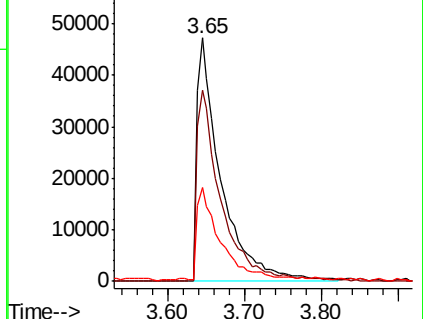
51 38.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 13.762 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

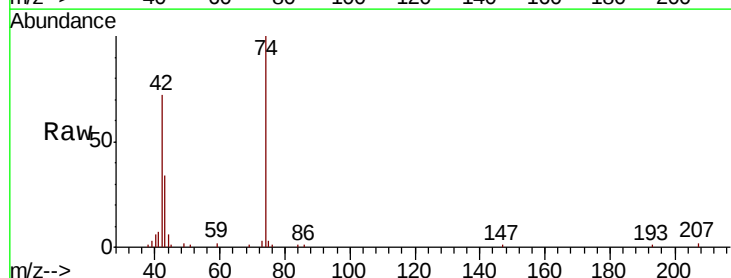
Tgt Ion: 42 Resp: 81053

Ion Ratio Lower Upper

42 100

74 138.5 105.5 158.3

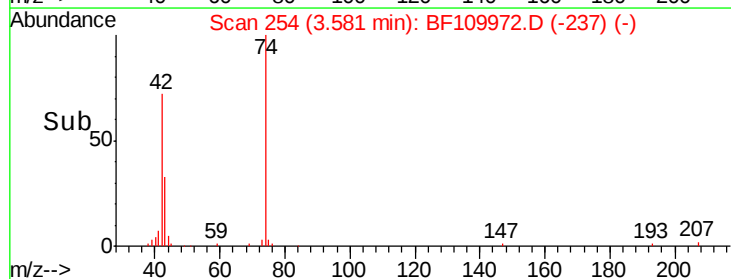
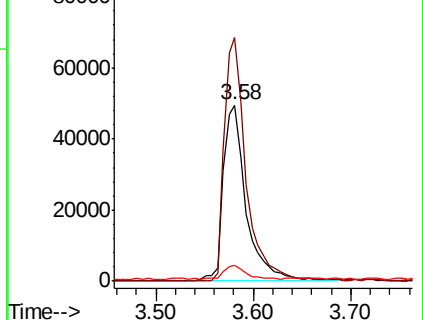
44 8.6 4.9 7.3#

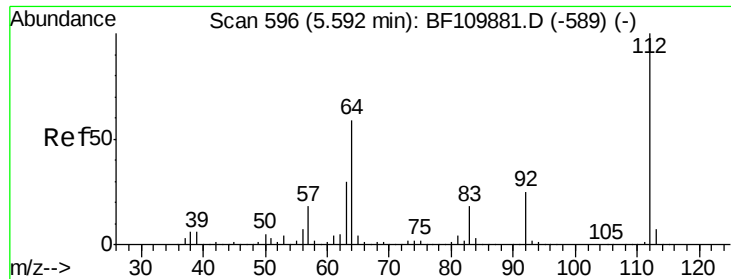


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 52.291 ng

RT: 5.59 min Scan# 596

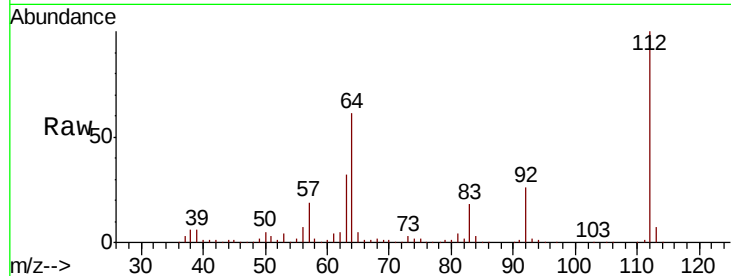
Delta R.T. -0.01 min

Lab File: BF109972.D

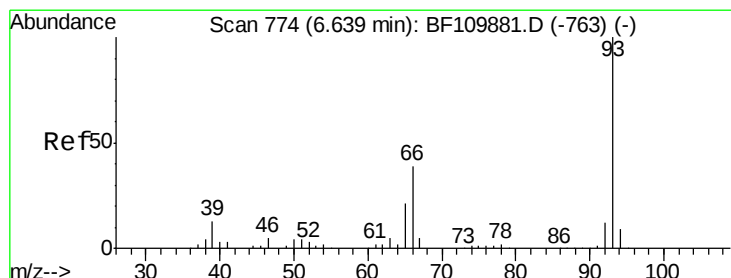
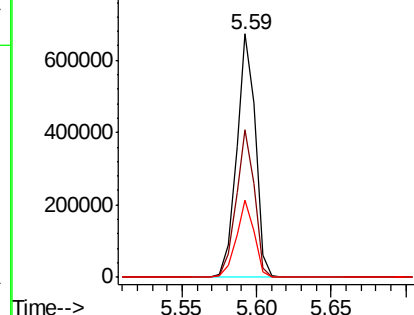
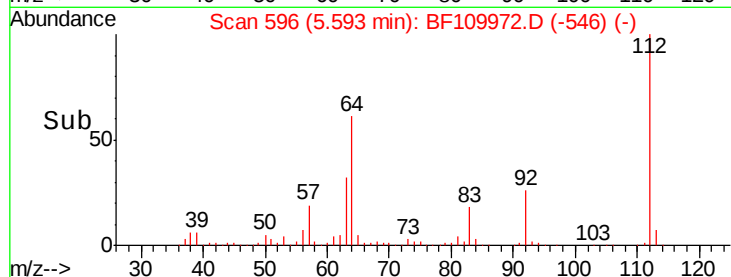
Acq: 18 Oct 2018 21:25

Instrument :
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Tot Ion:	112	Resp:	596224
Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	31.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.218 ng

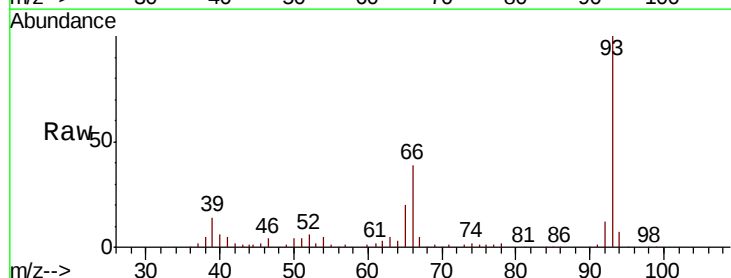
RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

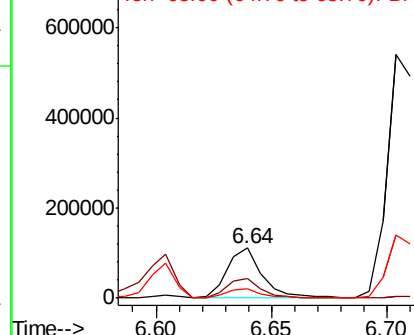
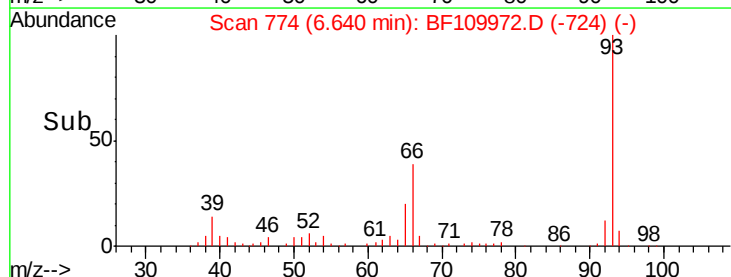
Lab File: BF109972.D

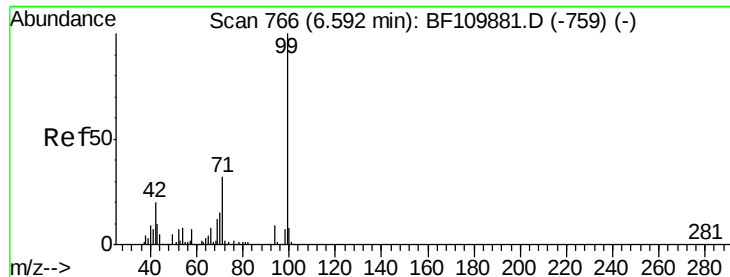
Acq: 18 Oct 2018 21:25

Tgt Ion:	93	Resp:	118637
Ion	Ratio	Lower	Upper
93	100		
66	39.2	67.4	101.0#
65	19.5	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 33.242 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109972.D

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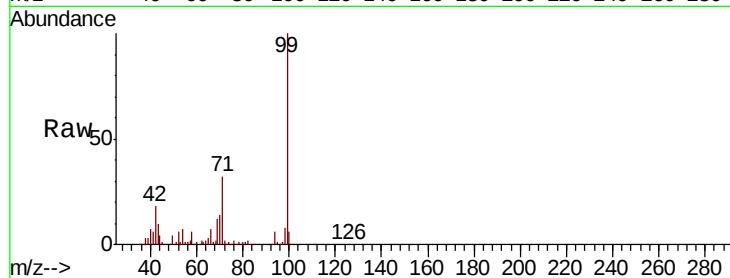
Tot Ion: 99 Resp: 470656

Ion Ratio Lower Upper

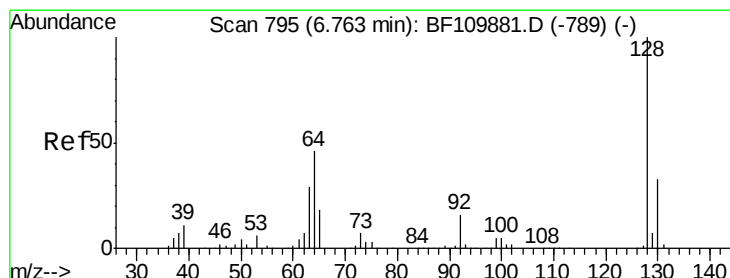
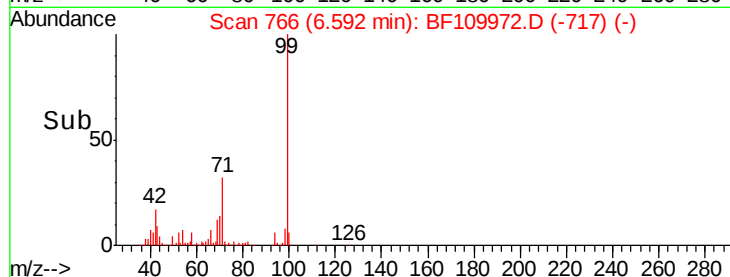
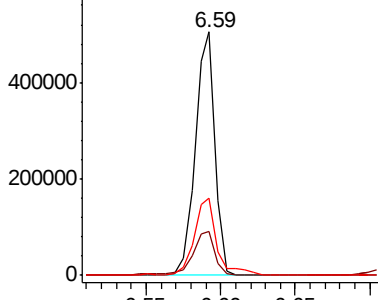
99 100

42 17.9 15.8 23.6

71 31.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 30.542 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

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Acq: 18 Oct 2018 21:25

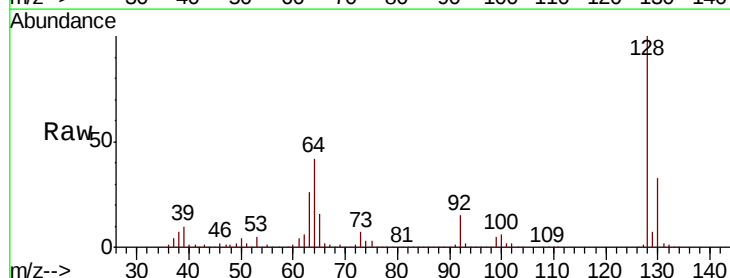
Tgt Ion: 128 Resp: 390084

Ion Ratio Lower Upper

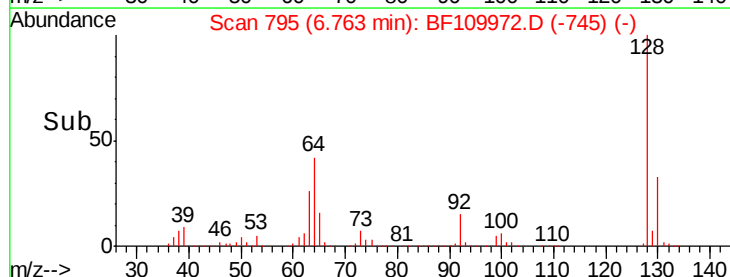
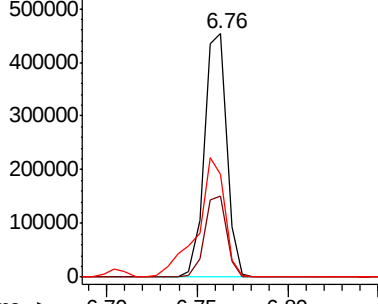
128 100

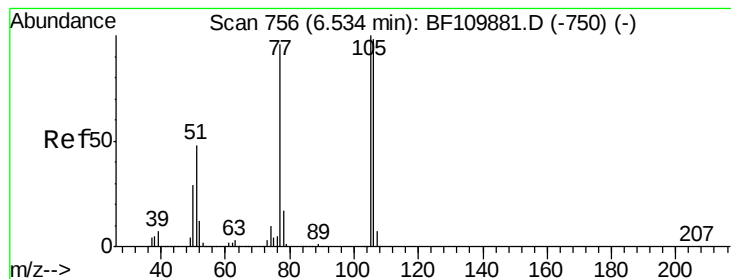
130 33.5 13.1 53.1

64 42.2 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.416 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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Acq: 18 Oct 2018 21:25

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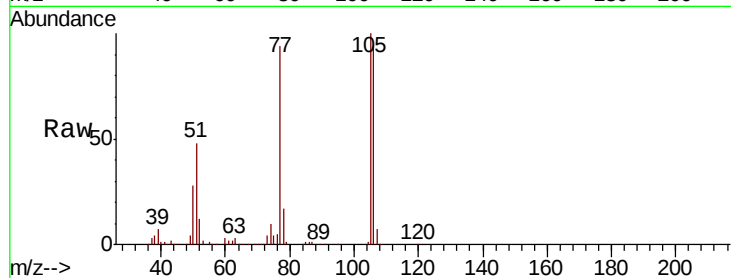
Tot Ion: 77 Resp: 178643

Ion Ratio Lower Upper

77 100

105 105.9 78.6 118.6

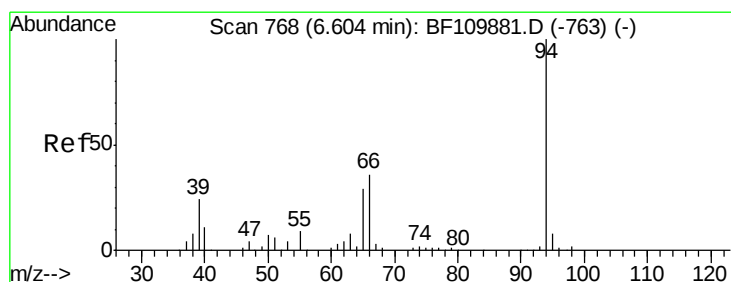
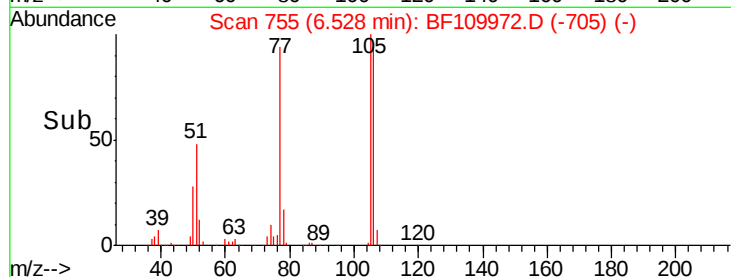
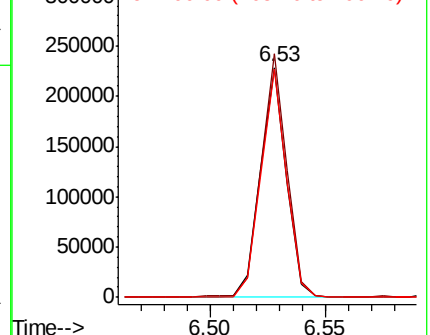
106 99.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 13.762 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

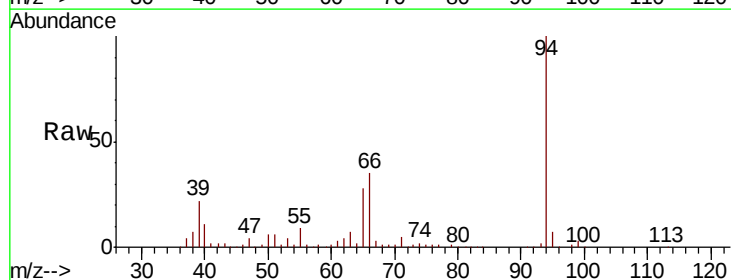
Tgt Ion: 94 Resp: 210368

Ion Ratio Lower Upper

94 100

65 28.1 25.3 65.3

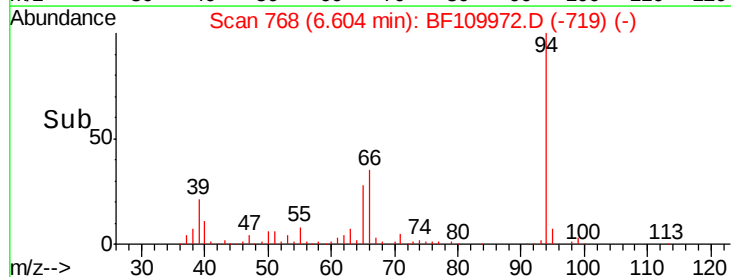
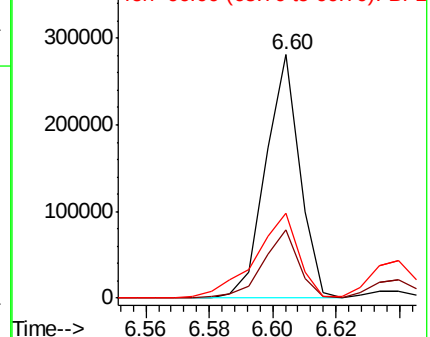
66 35.1 54.5 94.5#

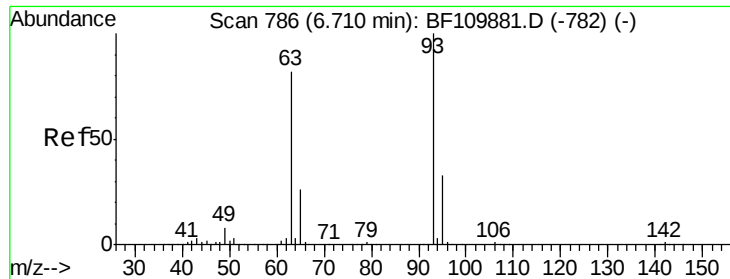


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

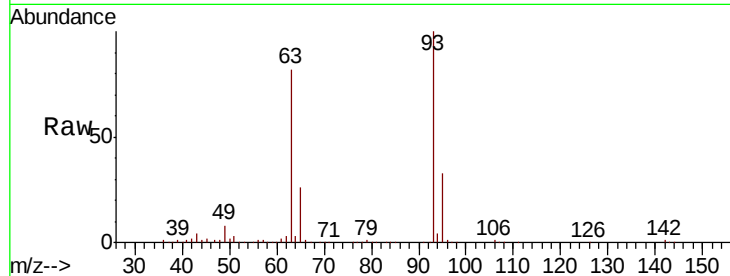




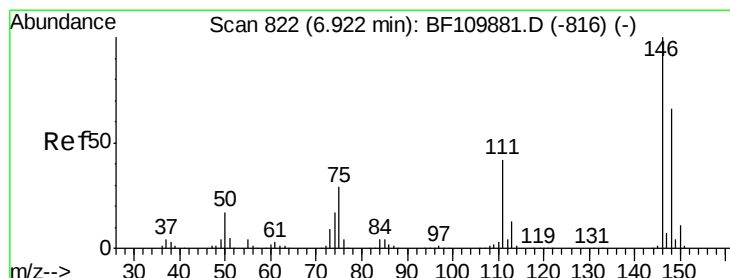
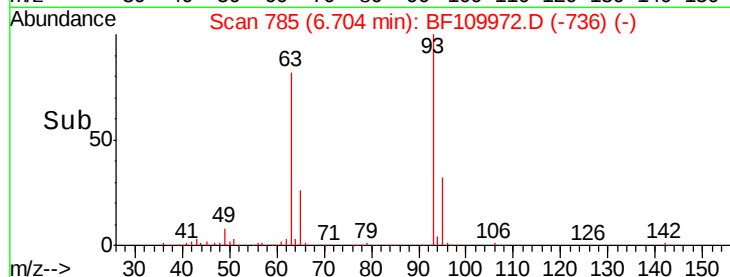
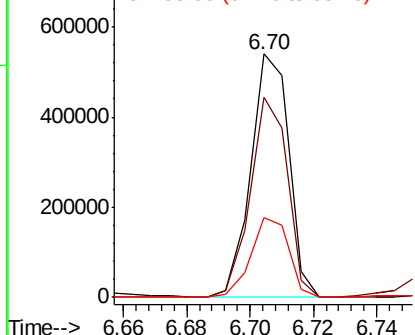
#11
bis(2-Chloroethyl)ether
Concen: 35.307 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	53.4	93.4
95	32.6	12.1	52.1

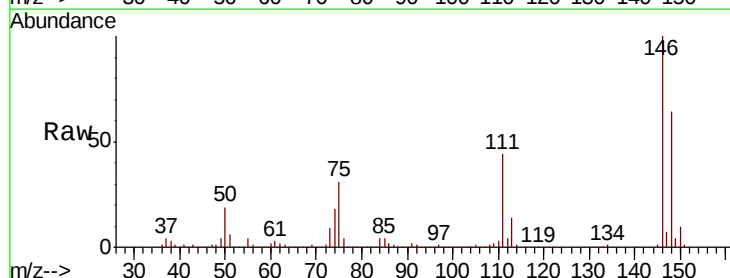


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

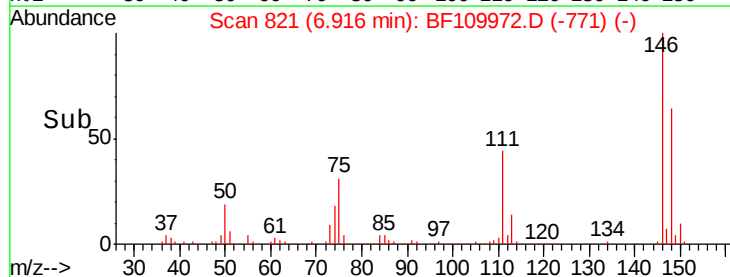
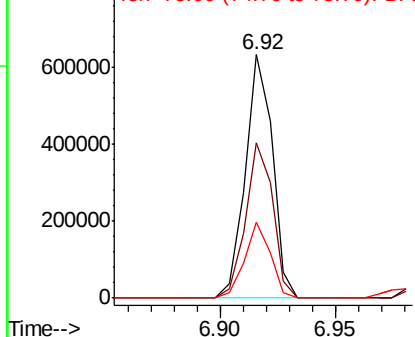


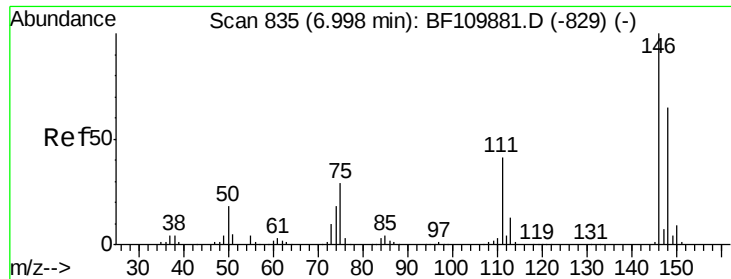
#12
1,3-Dichlorobenzene
Concen: 37.302 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	31.2	25.8	38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

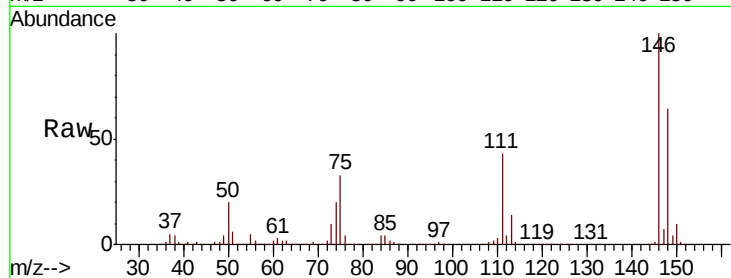




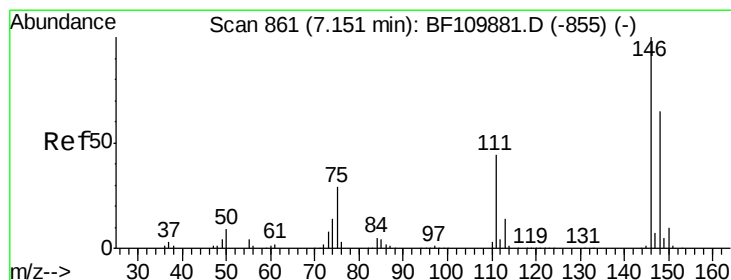
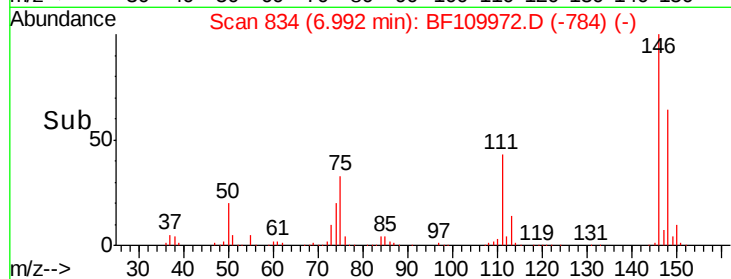
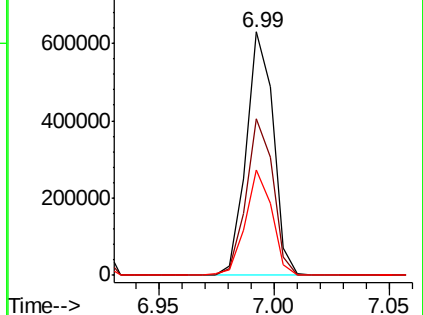
#13
 1,4-Dichlorobenzene
 Concen: 36.706 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 517721
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 43.5 32.7 49.1

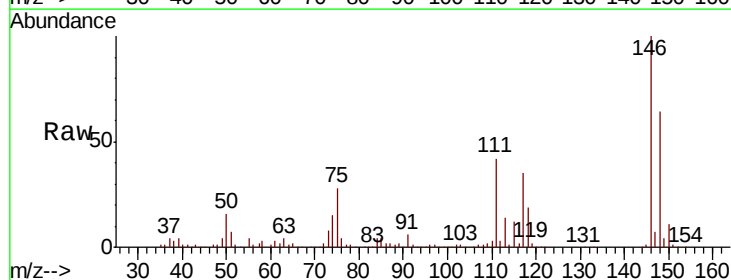


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

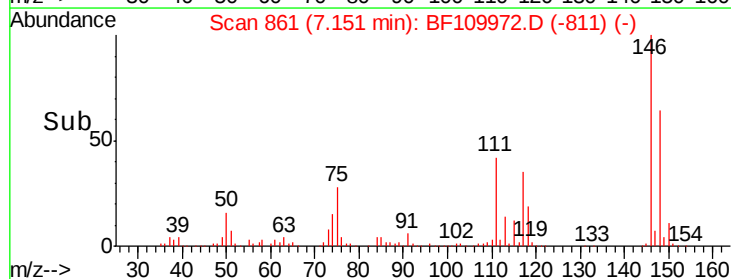
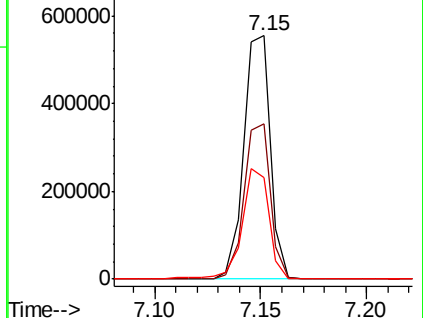


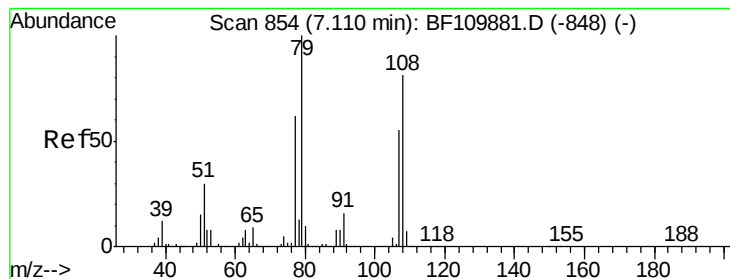
#14
 1,2-Dichlorobenzene
 Concen: 37.136 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion:146 Resp: 482328
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 41.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.268 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

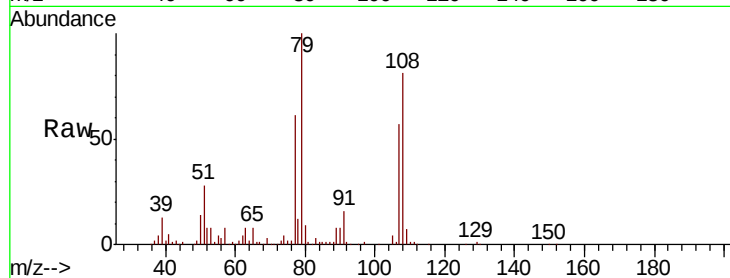
Tot Ion: 79 Resp: 231660

Ion Ratio Lower Upper

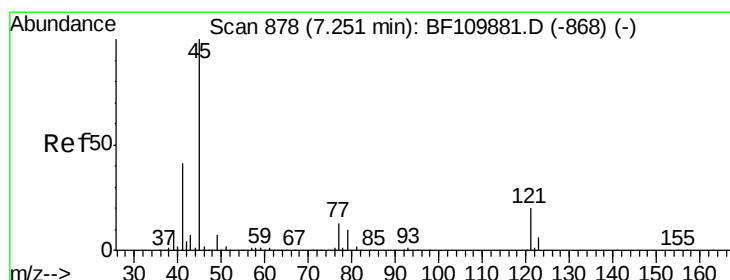
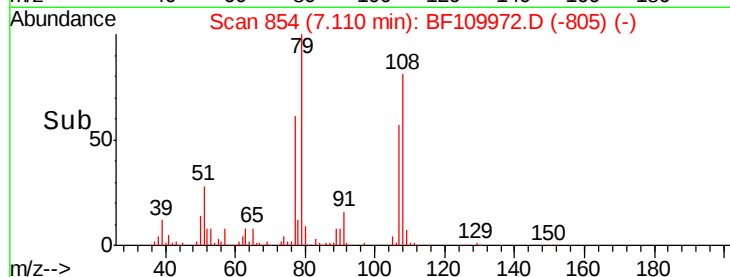
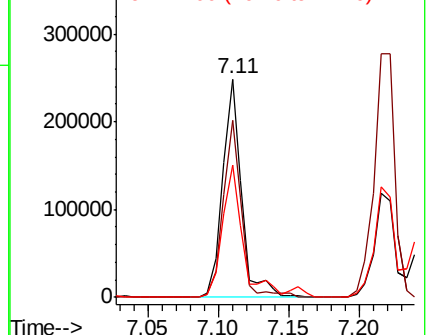
79 100

108 81.4 56.3 84.5

77 60.6 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.621 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

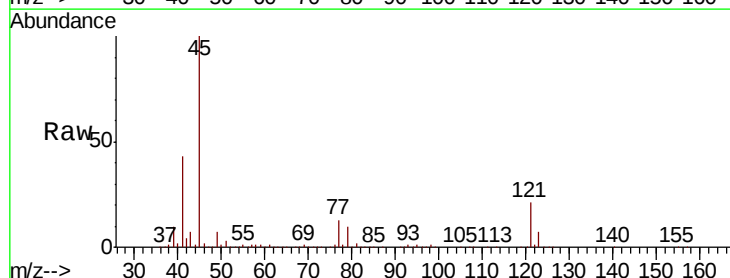
Tgt Ion: 45 Resp: 747280

Ion Ratio Lower Upper

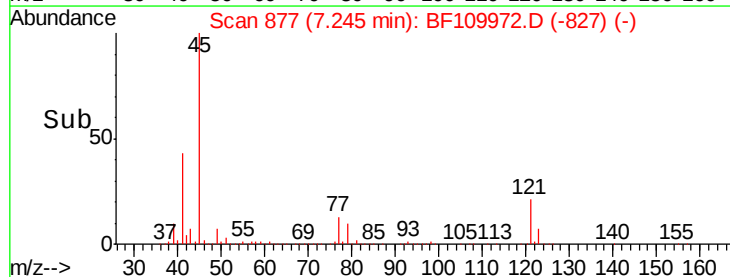
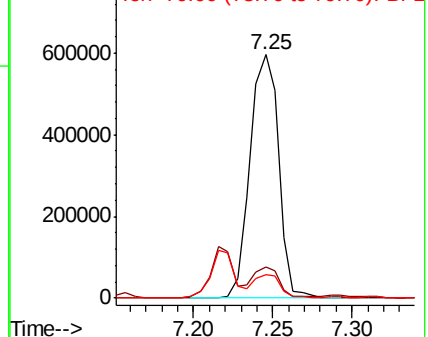
45 100

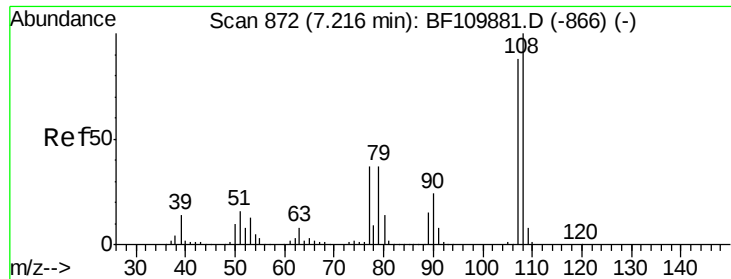
77 12.7 10.0 50.0

79 9.8 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

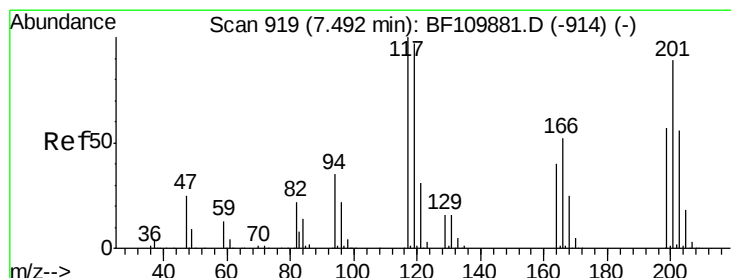
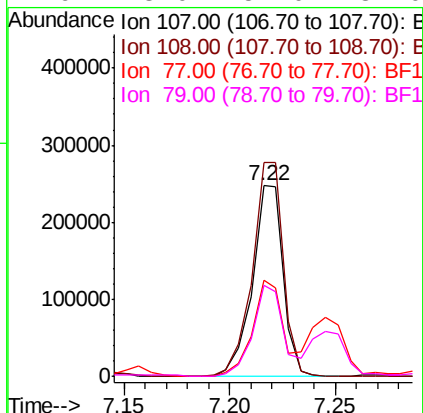
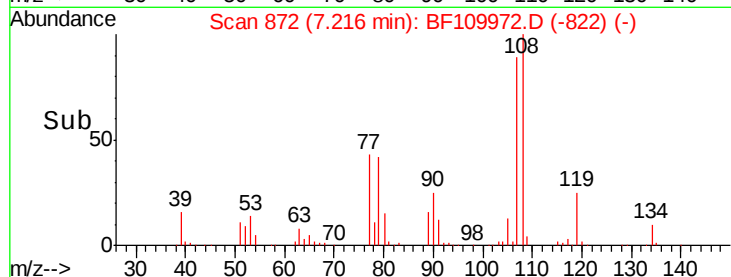
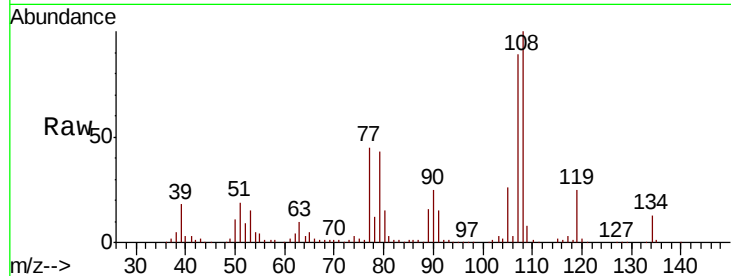




#17
2-Methylphenol
Concen: 24.417 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

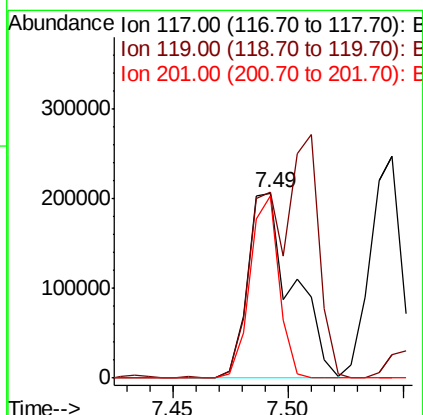
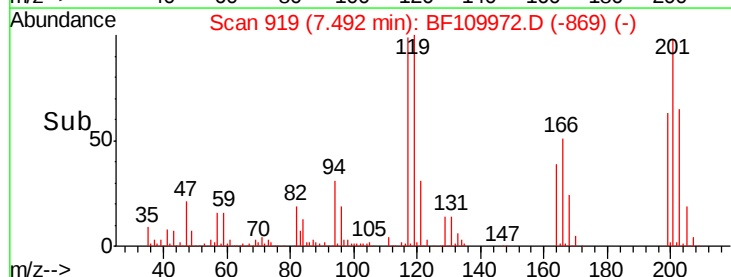
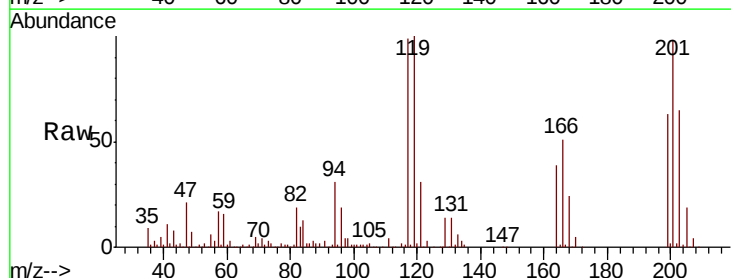
Instrument :
BNA_F
ClientSampleId :

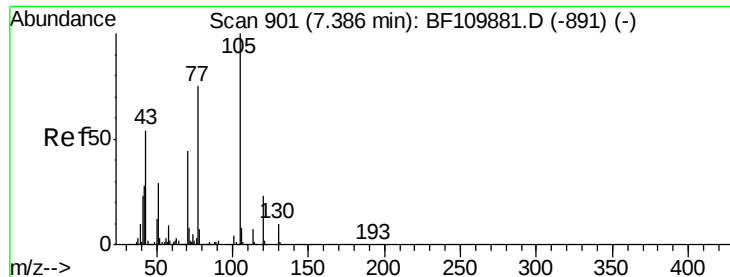
Tot Ion:	107	Resp:	251469
Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.6	138.8
77	50.8	59.4	89.2#
79	48.0	54.0	81.0#



#18
Hexachloroethane
Concen: 56.376 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:	117	Resp:	281000
Ion	Ratio	Lower	Upper
117	100		
119	100.8	75.0	112.6
201	98.4	79.2	118.8

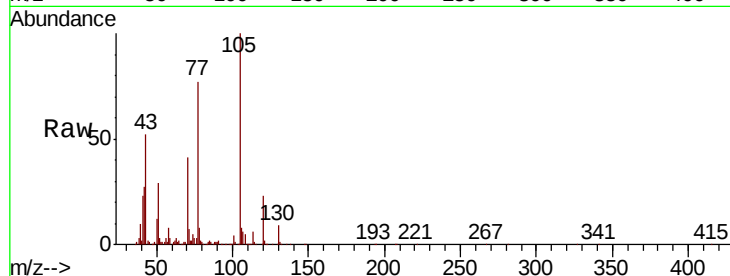




#19
n-Nitroso-di-n-propylamine
Concen: 35.431 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.6	47.4	71.2	
101	10.0	7.3	10.9	
130	21.1	16.2	24.2	



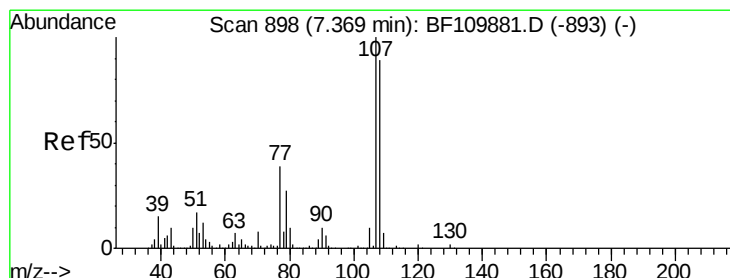
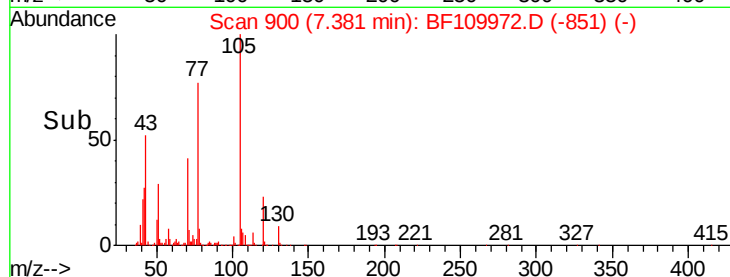
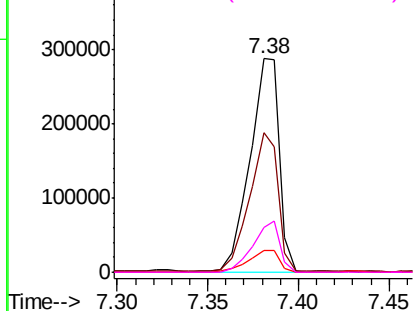
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 21.575 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	71.4	111.4	
77	61.7	47.3	87.3	
79	27.9	10.9	50.9	

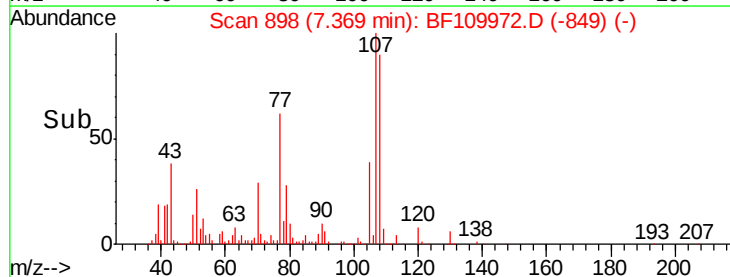
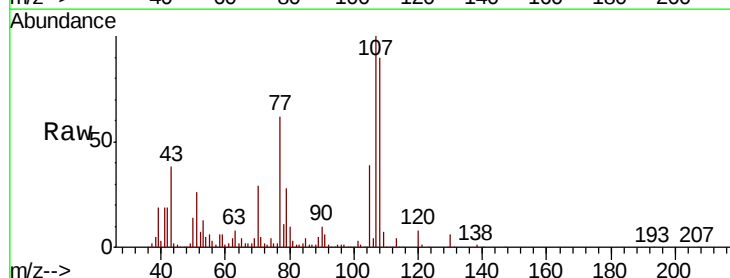
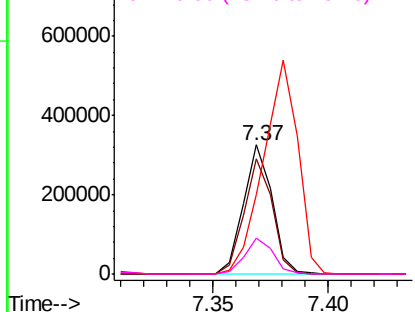
Abundance

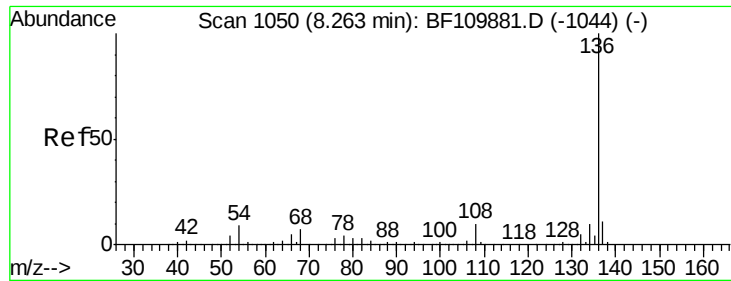
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 655053

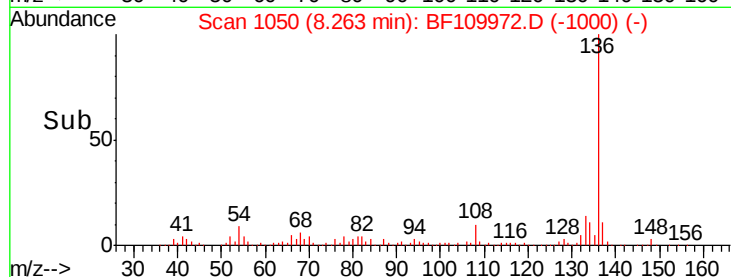
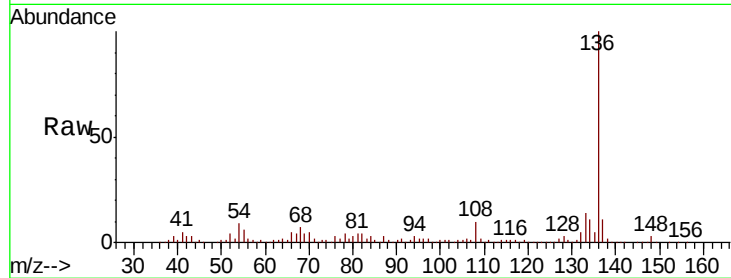
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 5.4 8.2#

68 6.6 4.2 6.2#



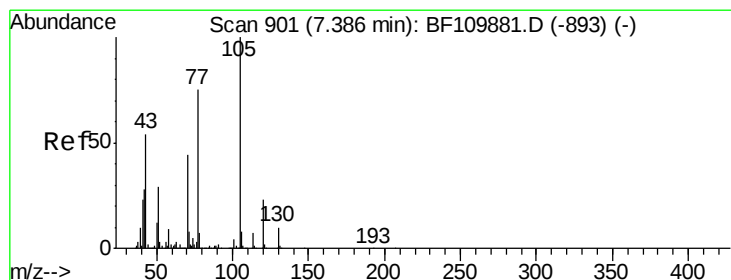
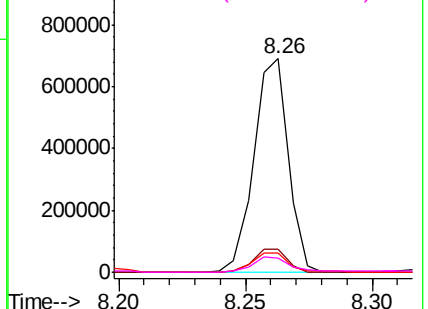
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.049 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Tgt Ion:105 Resp: 638782

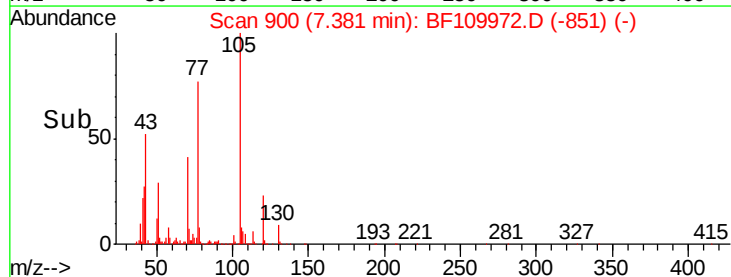
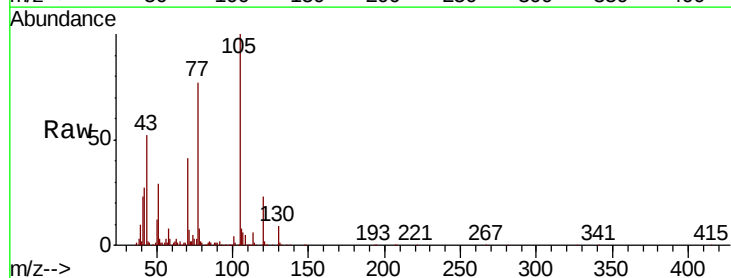
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 29.0 21.8 32.8

120 22.8 17.0 25.4



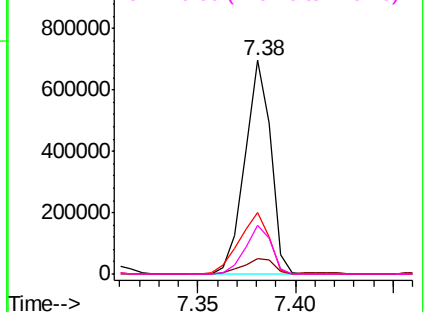
Abundance

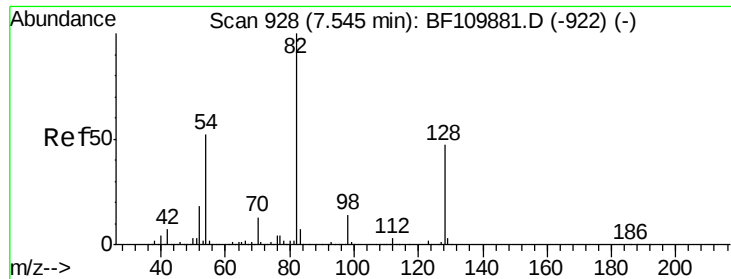
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

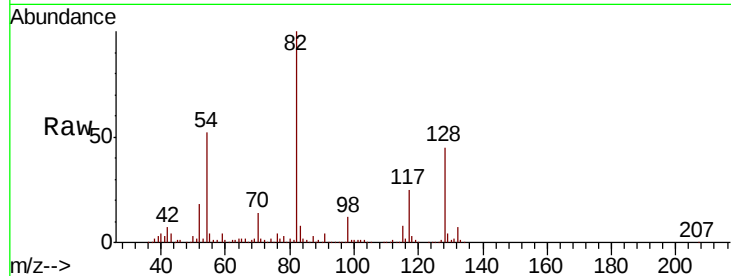




#23
 Nitrobenzene-d5
 Concen: 98.498 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	957803
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.2	51.2
54	52.1	38.6	58.0

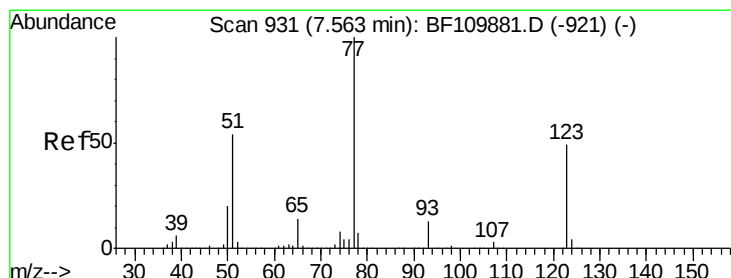
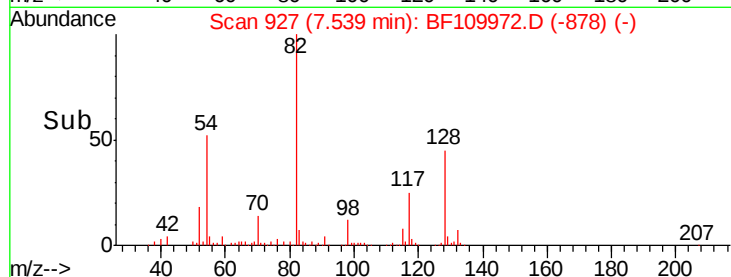
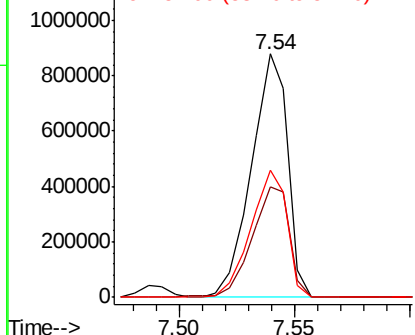


Abundance

Ion 82.00 (81.70 to 82.70): BF1

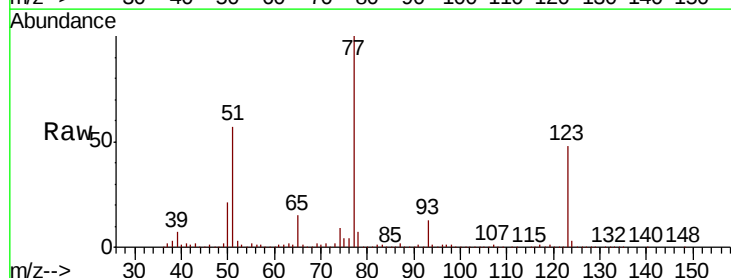
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 46.546 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion	77	Resp	491697
Ion Ratio	Lower	Upper	
77	100		
123	48.4	35.7	53.5
65	14.5	10.7	16.1

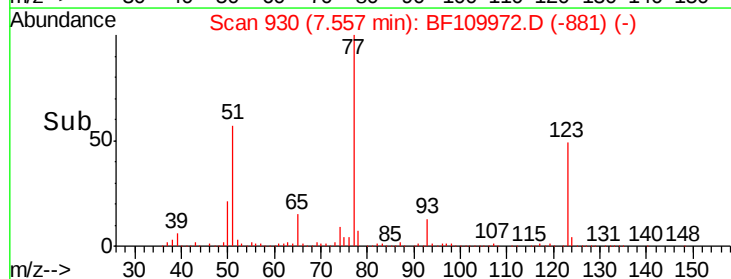
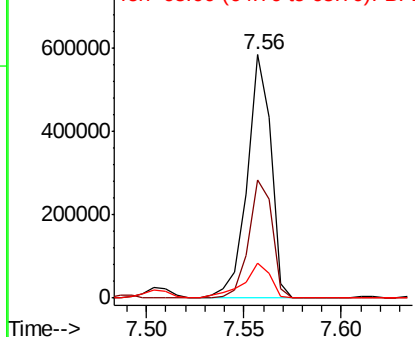


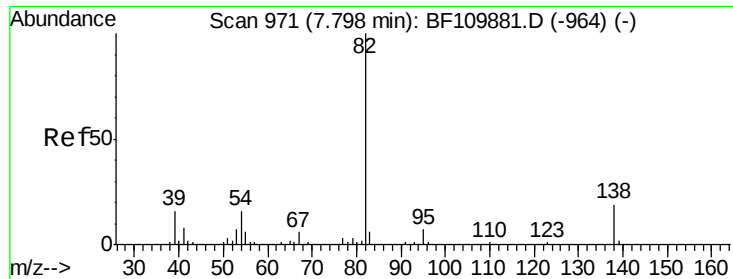
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.621 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

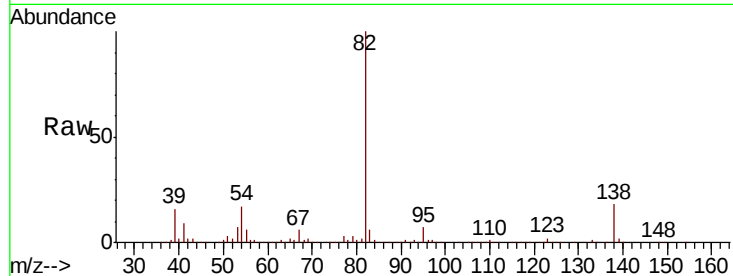
Tot Ion: 82 Resp: 852561

Ion Ratio Lower Upper

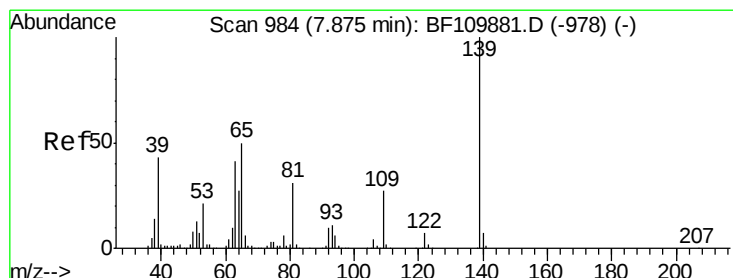
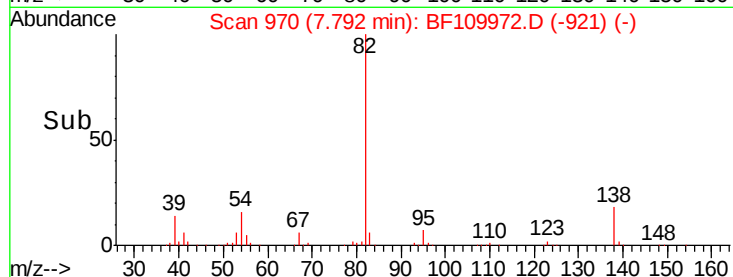
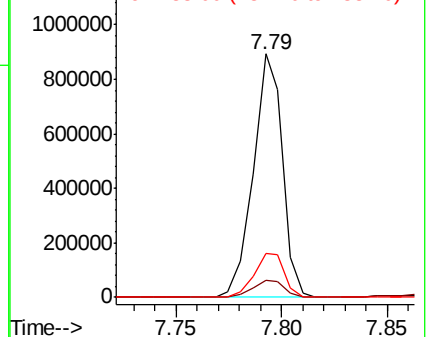
82 100

95 7.2 5.7 8.5

138 18.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.327 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

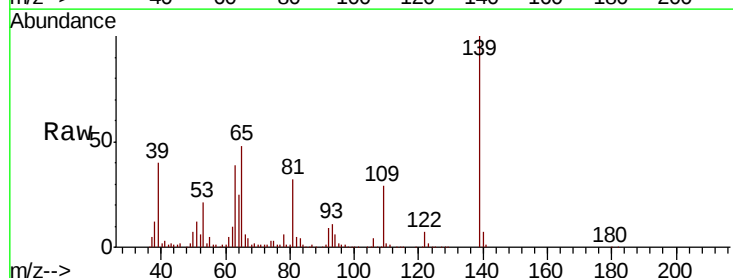
Tgt Ion: 139 Resp: 237947

Ion Ratio Lower Upper

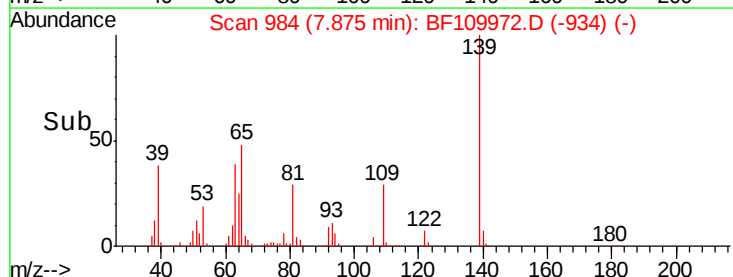
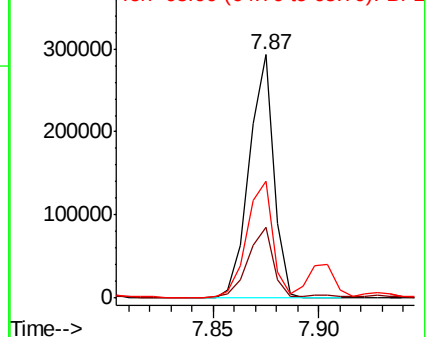
139 100

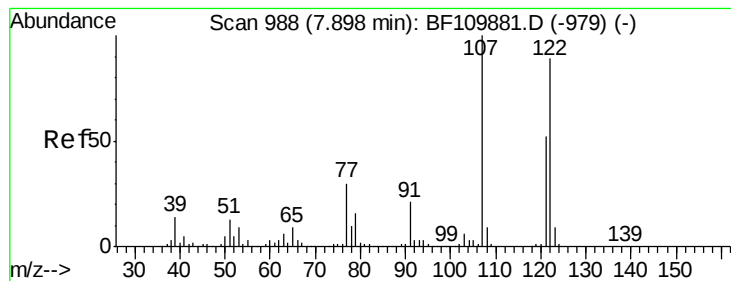
109 28.9 25.0 37.6

65 48.0 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.198 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

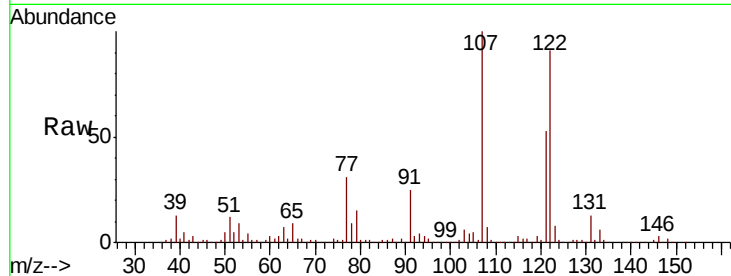
Tot Ion:122 Resp: 369949

Ion Ratio Lower Upper

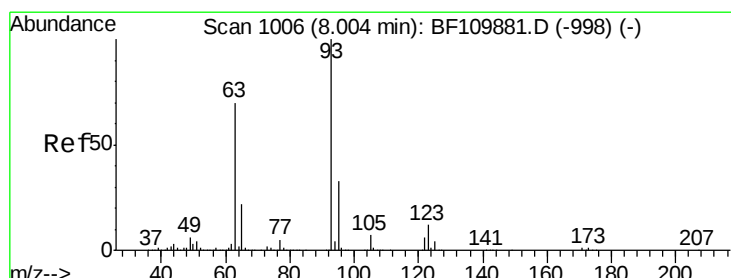
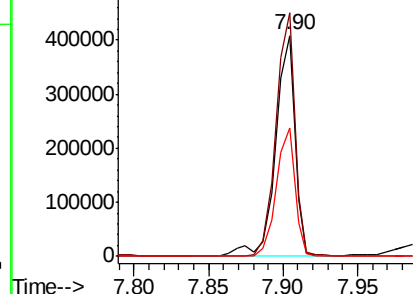
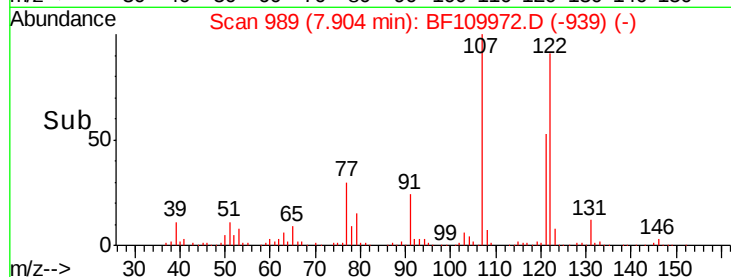
122 100

107 110.3 92.5 138.7

121 58.0 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.530 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

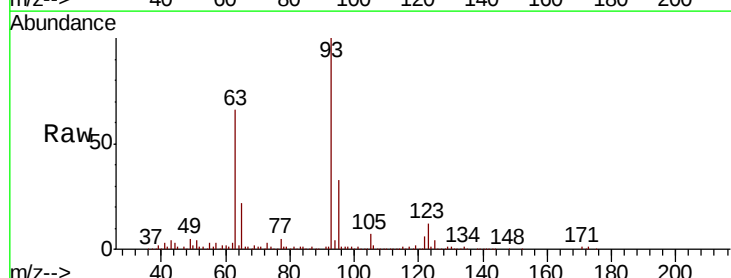
Tgt Ion: 93 Resp: 544574

Ion Ratio Lower Upper

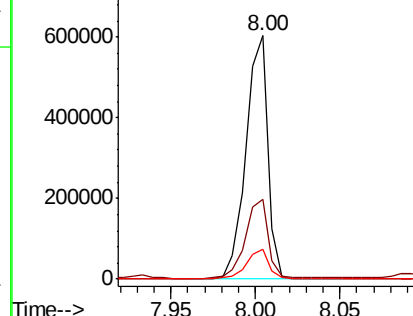
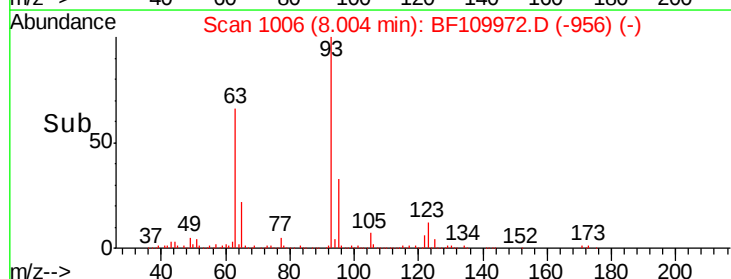
93 100

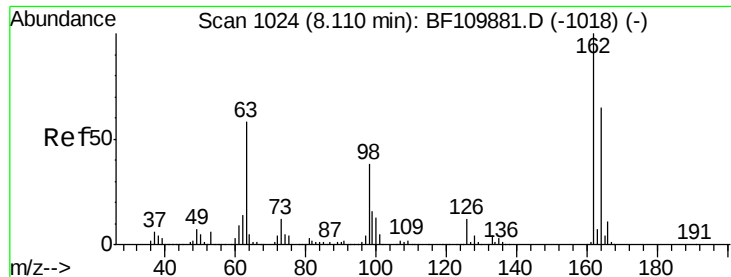
95 33.0 26.4 39.6

123 12.1 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

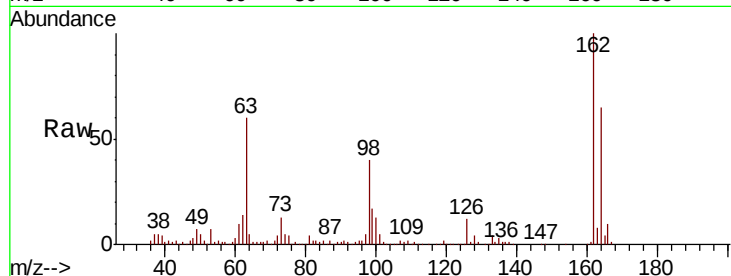




#29
 2,4-Dichlorophenol
 Concen: 39.109 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	40.0	17.4	57.4

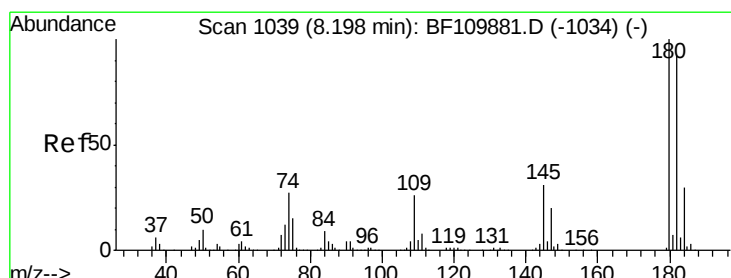
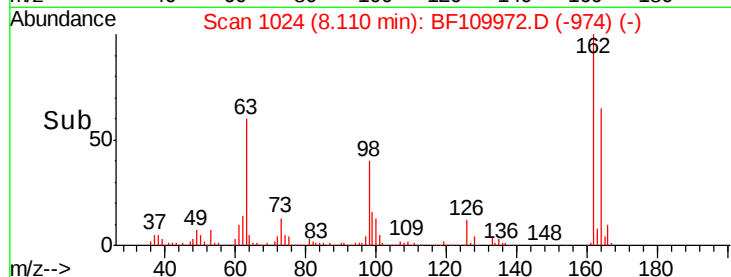
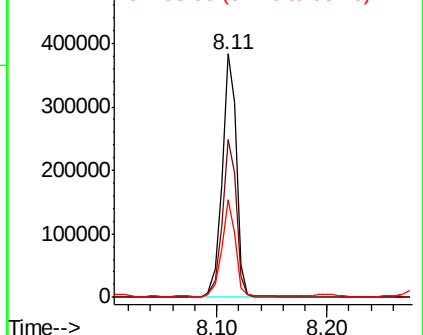


Abundance

Ion 162.00 (161.70 to 162.70): E

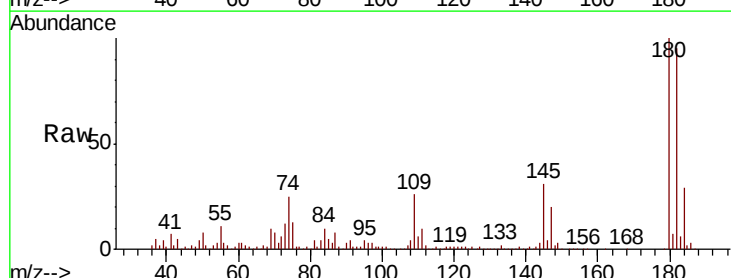
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.457 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	80.3	120.5
145	30.7	25.4	38.0

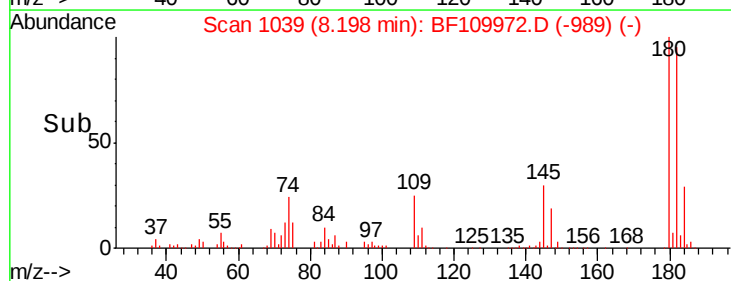
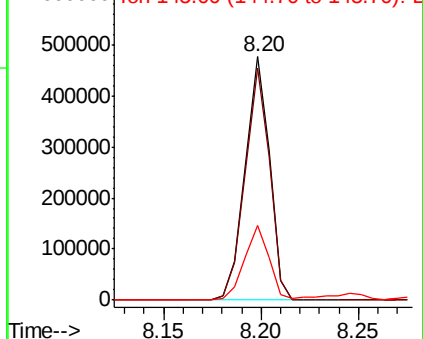


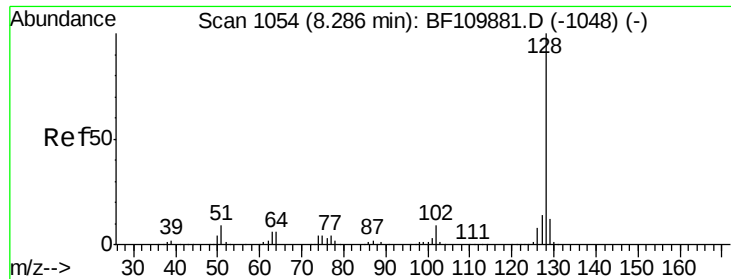
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

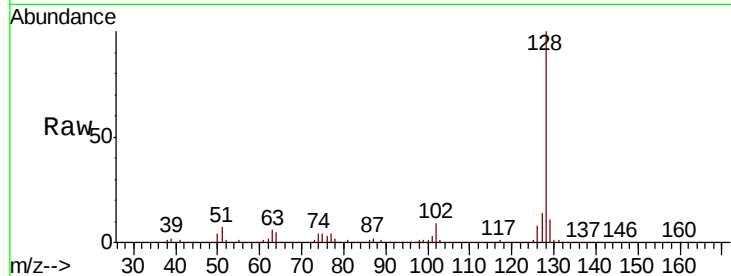




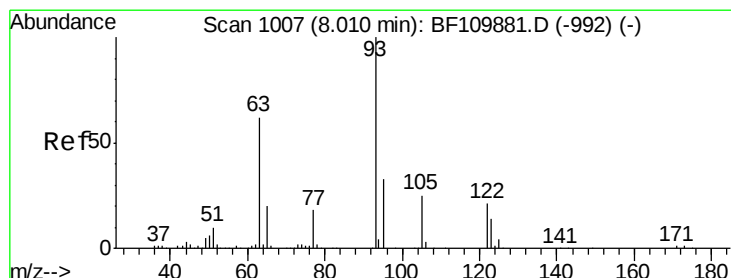
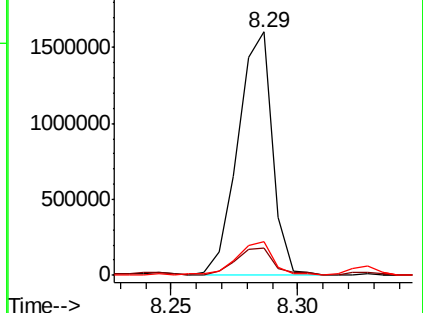
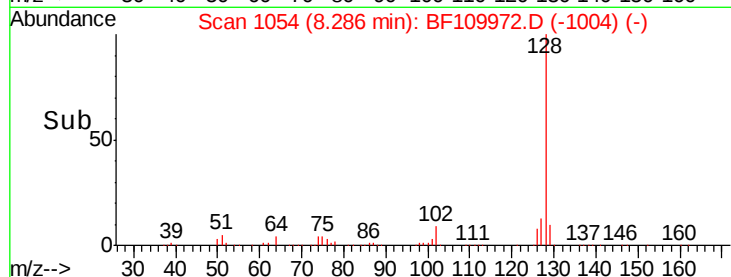
#31
Naphthalene
Concen: 50.246 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1509292
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.8 16.2

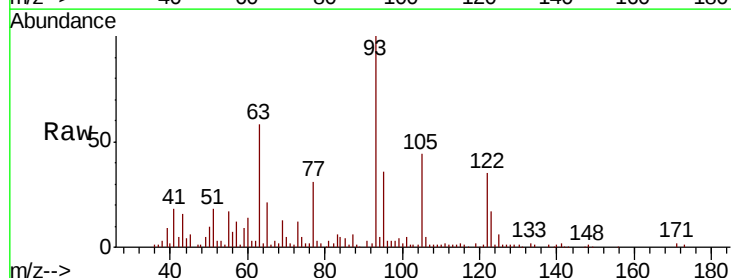


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

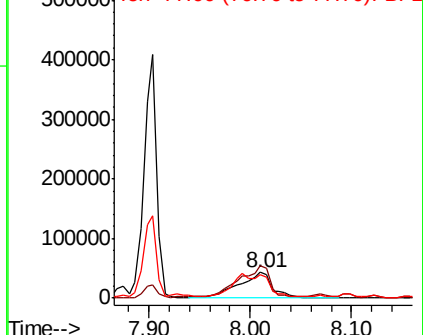
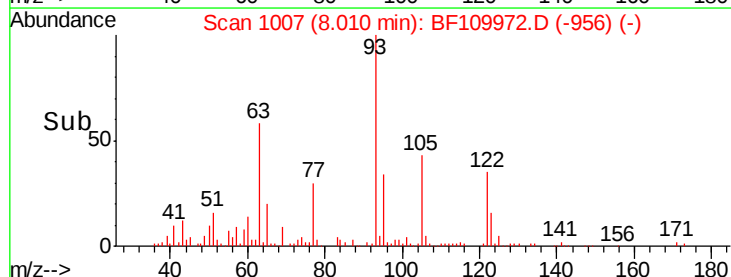


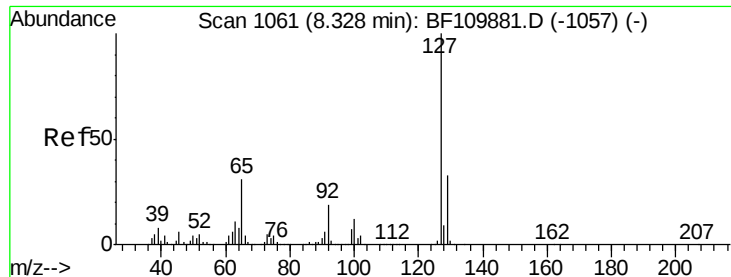
#32
Benzoic acid
Concen: 16.982 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:122 Resp: 97378
Ion Ratio Lower Upper
122 100
105 128.2 109.0 149.0
77 90.5 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

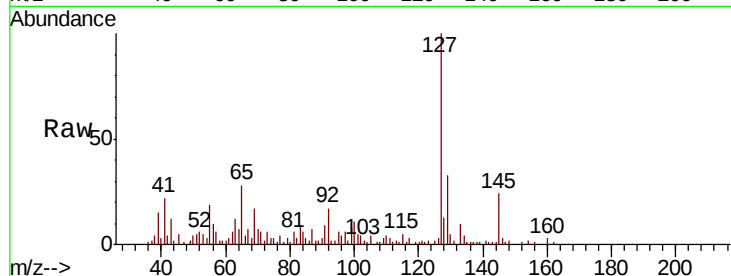




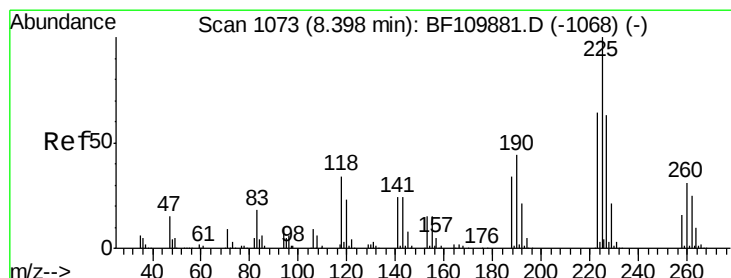
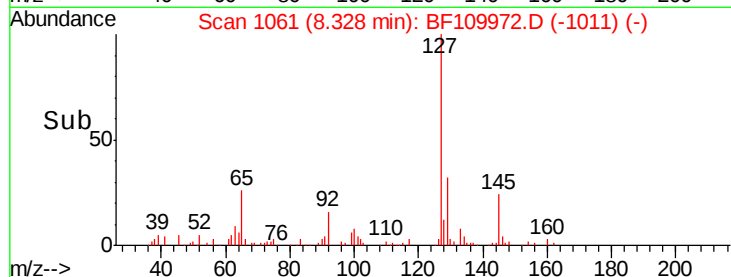
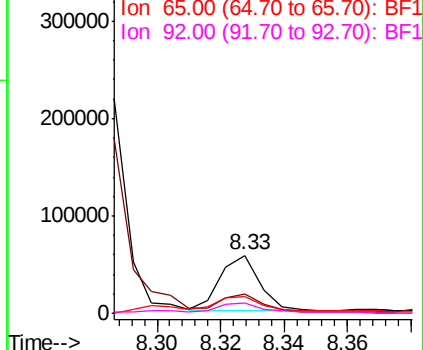
#33
4-Chloroaniline
Concen: 3.591 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	48487
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.0	39.0
65	28.4	25.1	37.7
92	17.5	15.0	22.6

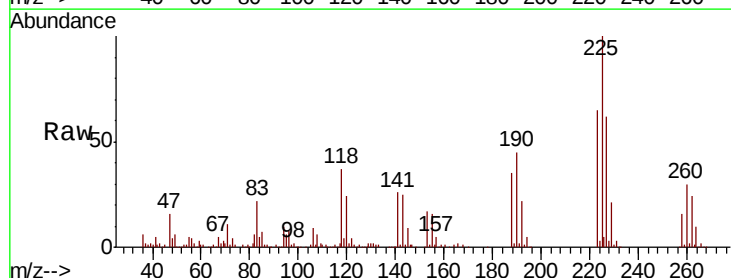


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

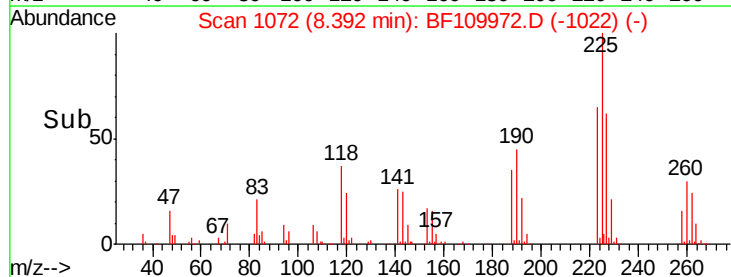
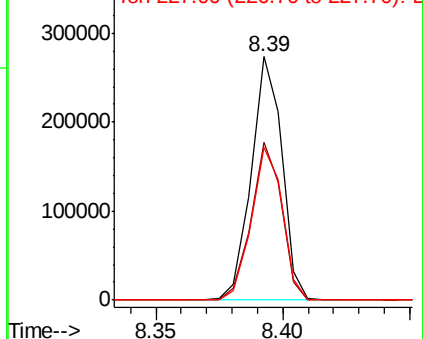


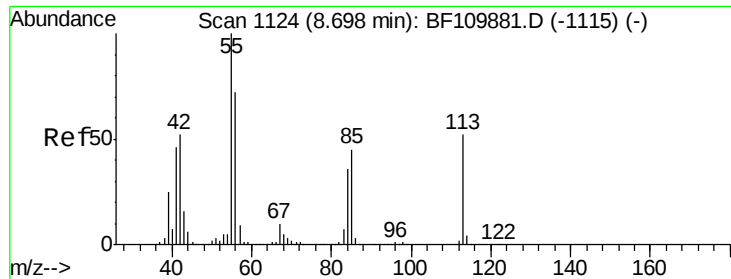
#34
Hexachlorobutadiene
Concen: 41.894 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:	225	Resp:	230931
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.2
227	62.5	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

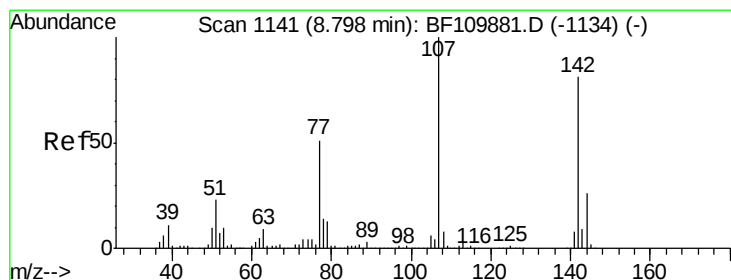
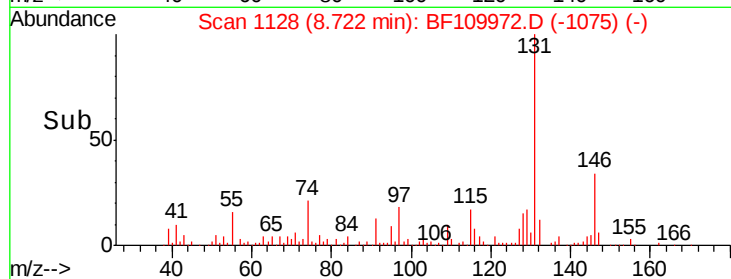
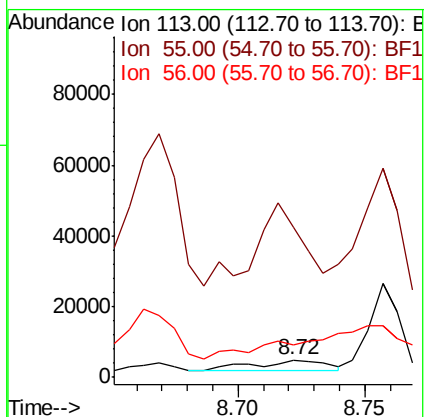
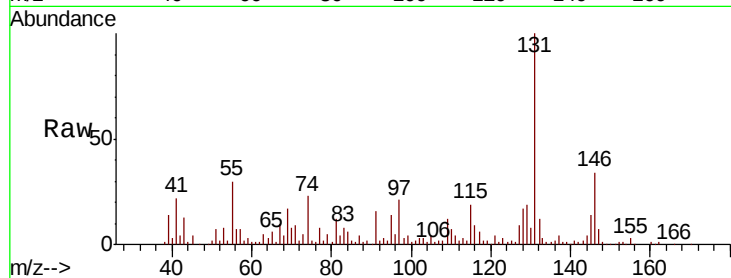




#35
Caprolactam
Concen: 1.915 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

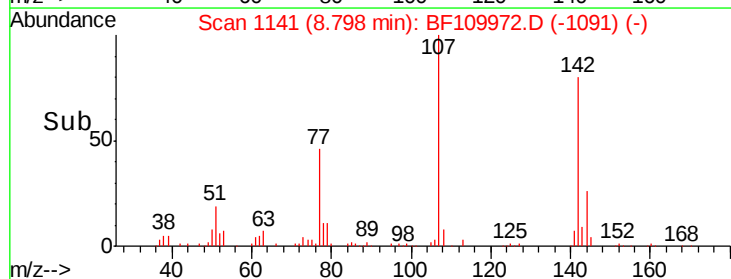
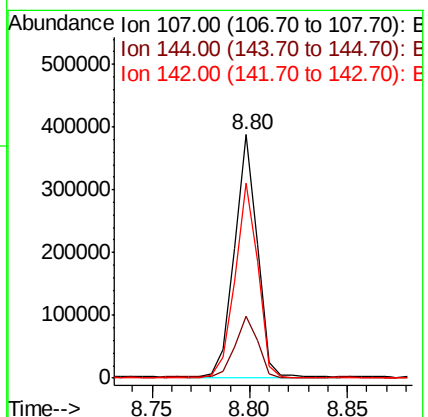
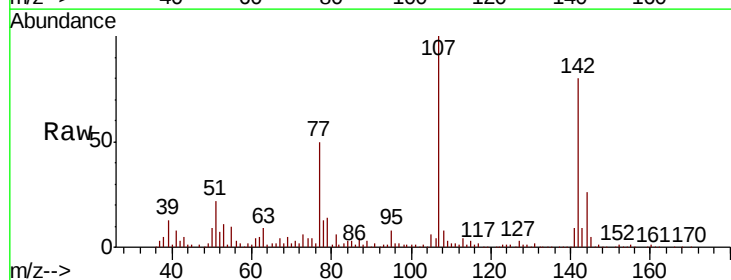
Instrument :
BNA_F
ClientSampled :

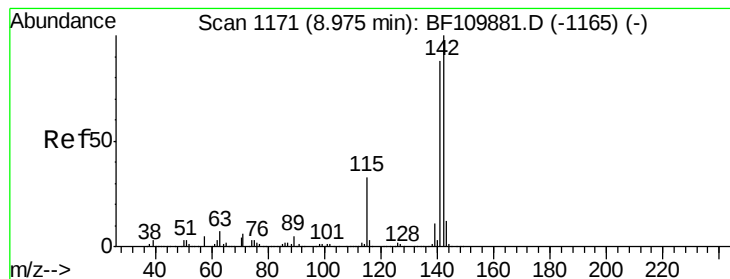
Tot Ion:113 Resp: 6073
Ion Ratio Lower Upper
113 100
55 865.6 142.8 182.8#
56 190.8 105.0 145.0#



#36
4-Chloro-3-methylphenol
Concen: 33.169 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:107 Resp: 312402
Ion Ratio Lower Upper
107 100
144 25.6 20.0 30.0
142 80.0 59.7 89.5

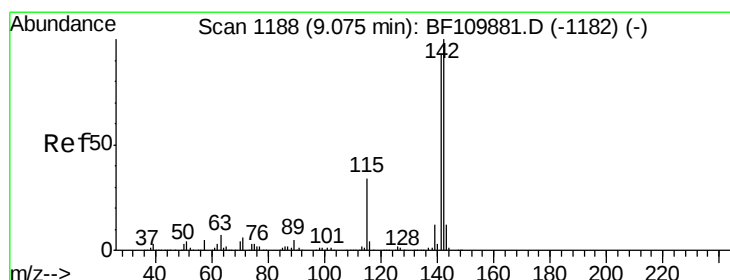
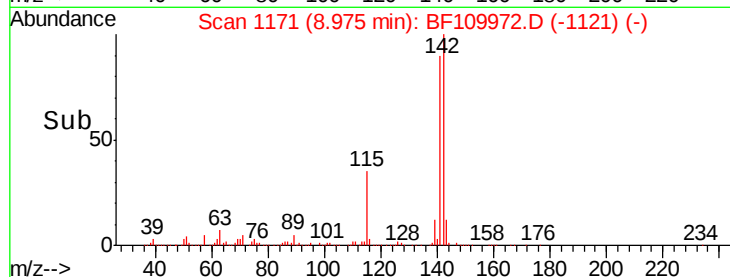
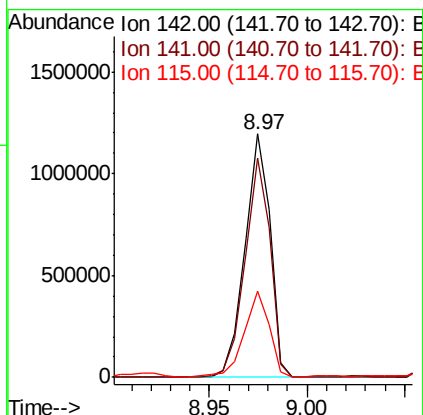
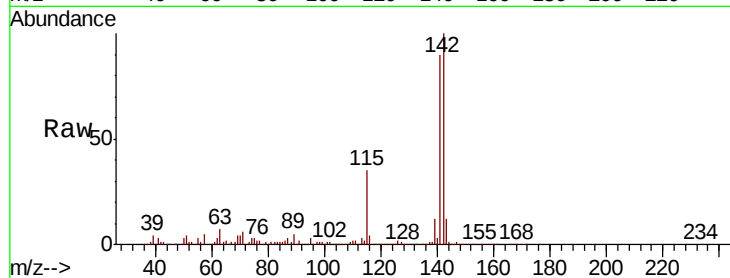




#37
2-Methylnaphthalene
Concen: 55.149 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

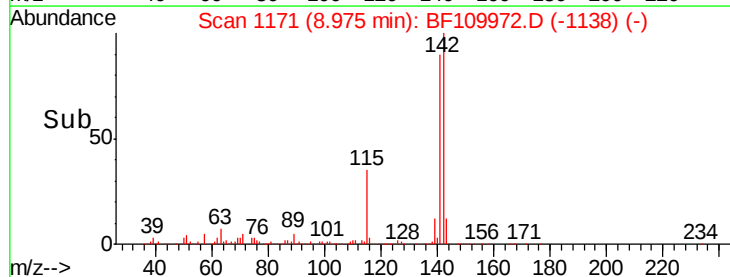
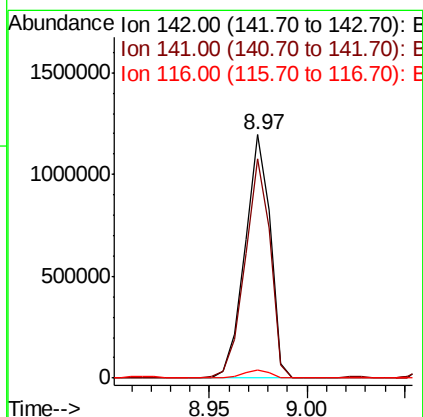
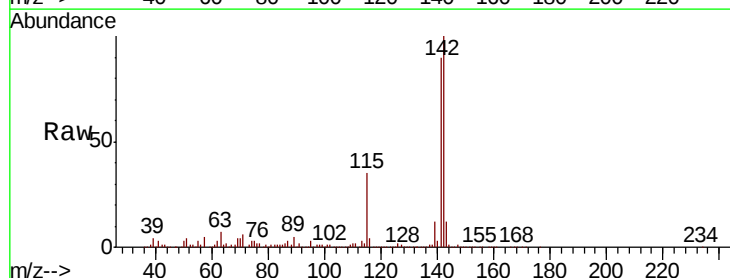
Instrument :
BNA_F
ClientSampleId :

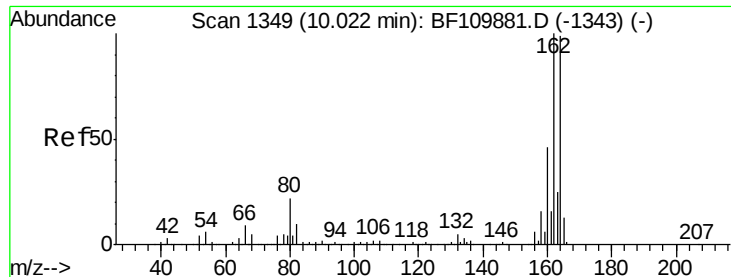
Tot Ion:142 Resp: 1072684
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 35.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 56.913 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.11 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:142 Resp: 1072684
Ion Ratio Lower Upper
142 100
141 89.9 74.2 111.4
116 3.5 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109972.D

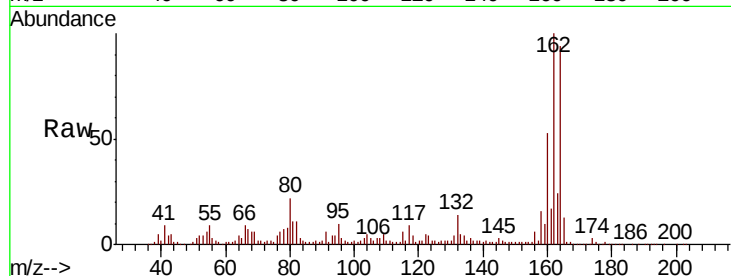
Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:164	Resp:	275107
Ion Ratio	Lower	Upper
164	100	
162	106.6	83.0 124.6
160	56.6	37.0 55.6#

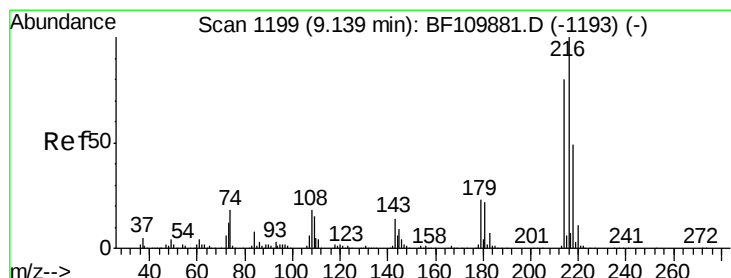
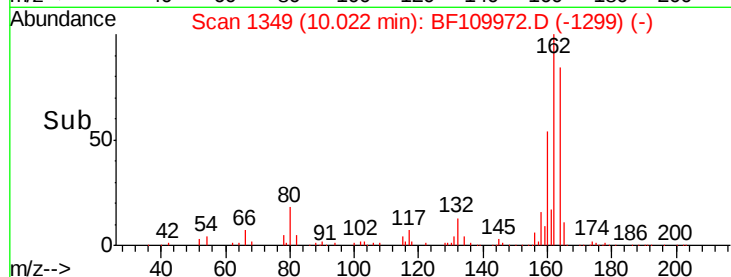
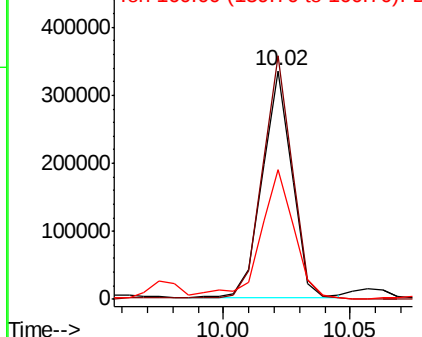


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.292 ng

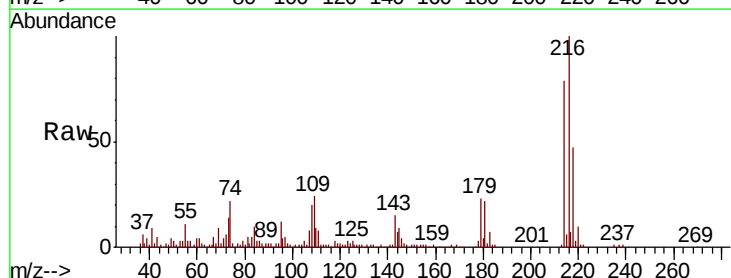
RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Tgt Ion:216	Resp:	366841
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.8 95.6
179	22.5	16.6 25.0
108	27.2	15.1 22.7#



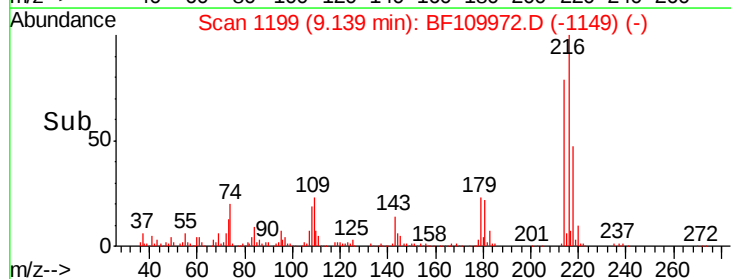
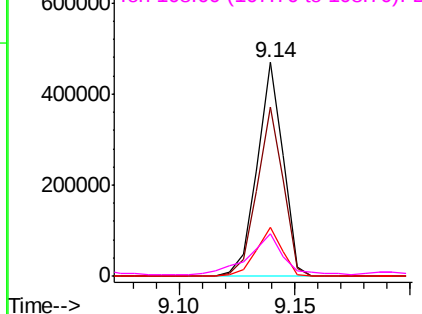
Abundance

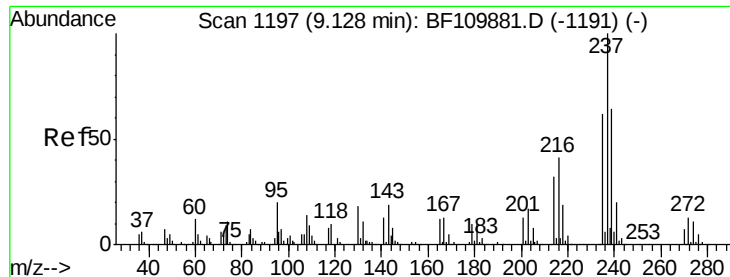
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 112.186 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

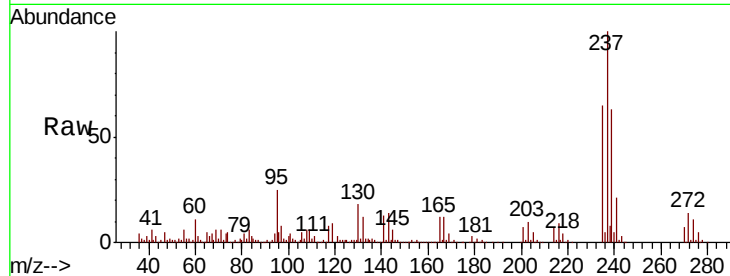
Tot Ion:237 Resp: 458825

Ion Ratio Lower Upper

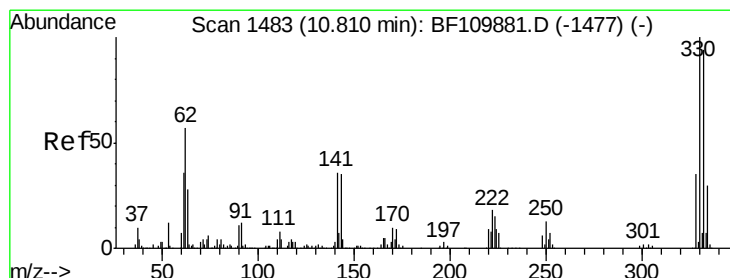
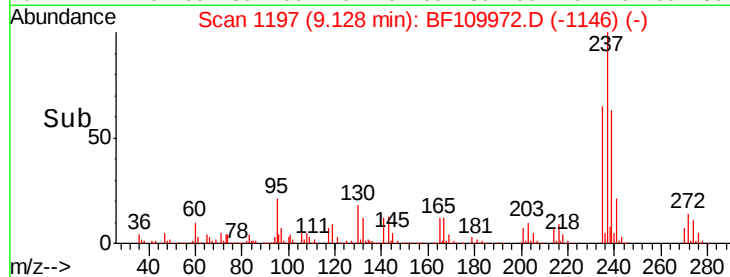
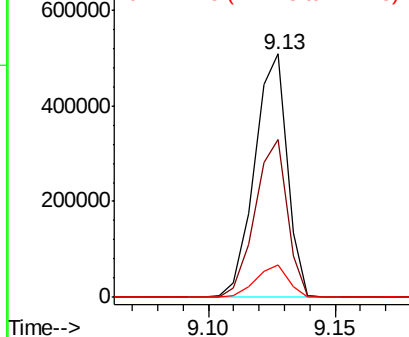
237 100

235 64.6 43.1 83.1

272 13.5 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.605 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

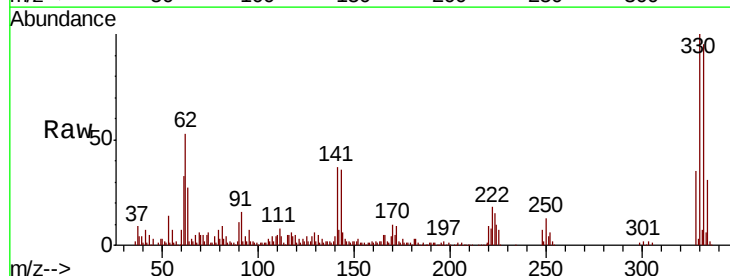
Tgt Ion:330 Resp: 301549

Ion Ratio Lower Upper

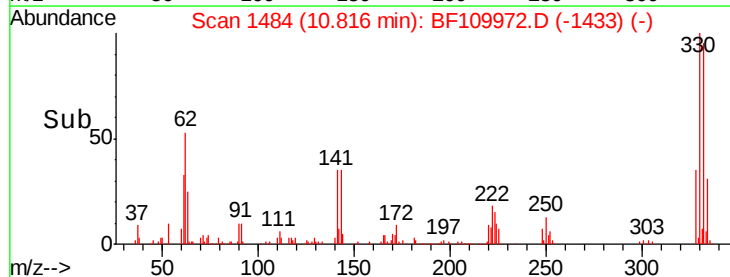
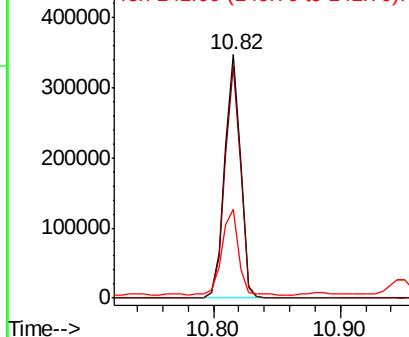
330 100

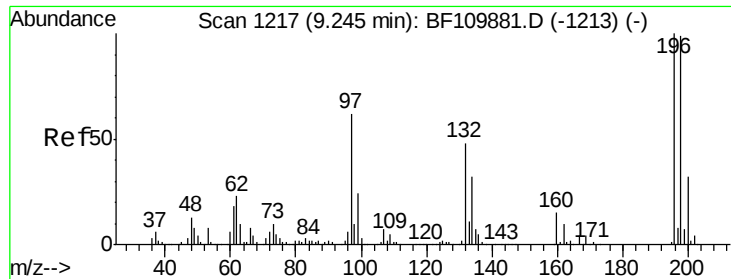
332 95.1 77.1 115.7

141 37.0 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

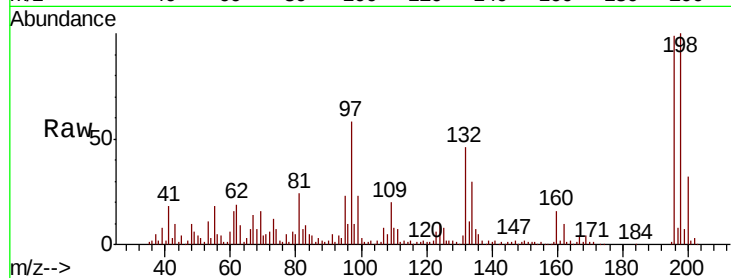




#43
 2,4,6-Trichlorophenol
 Concen: 43.534 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	230665
Ion Ratio	Lower	Upper	
196	100		
198	101.1	76.2	114.4
200	32.5	24.4	36.6

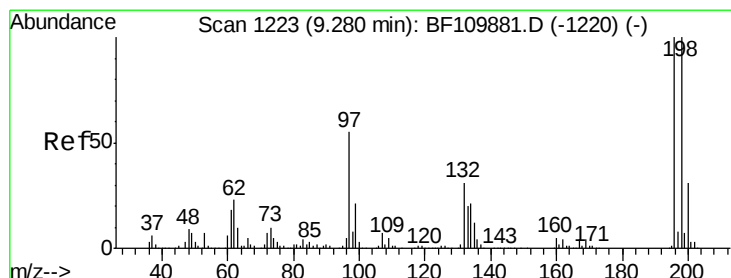
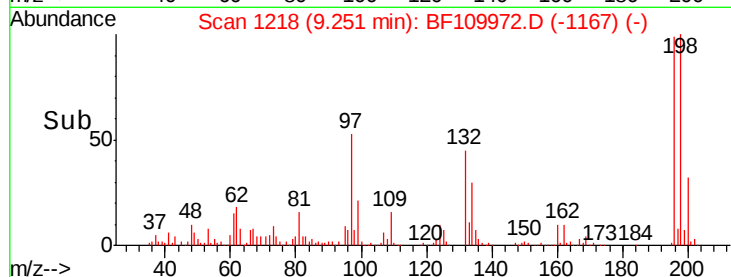
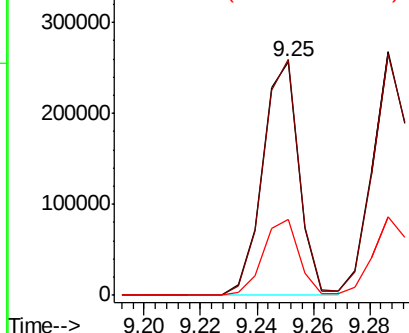


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.502 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion	196	Resp	233723
Ion Ratio	Lower	Upper	
196	100		
198	99.2	75.8	113.6
97	58.0	42.4	63.6
132	31.2	22.8	34.2

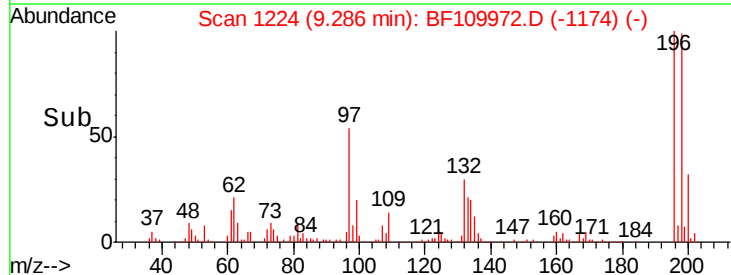
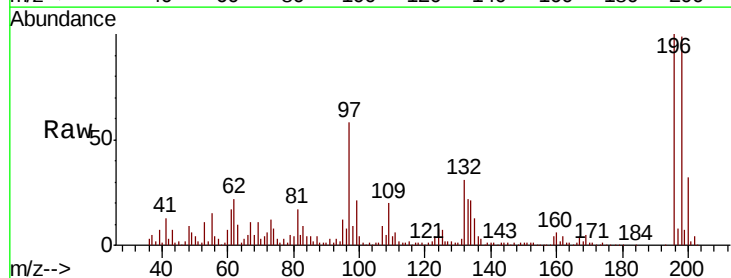
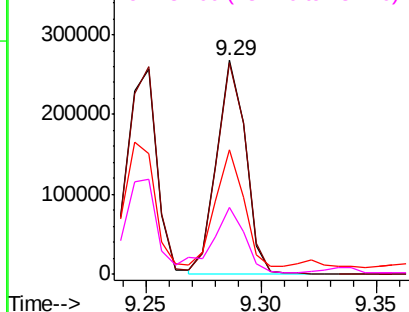
Abundance

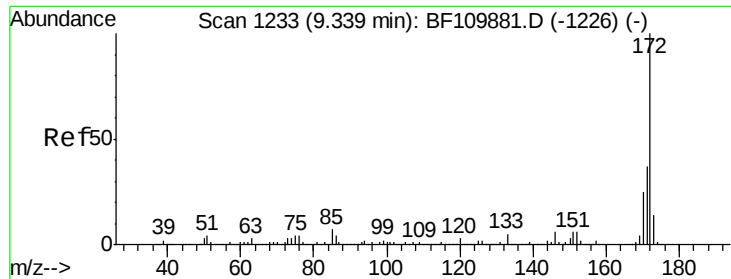
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

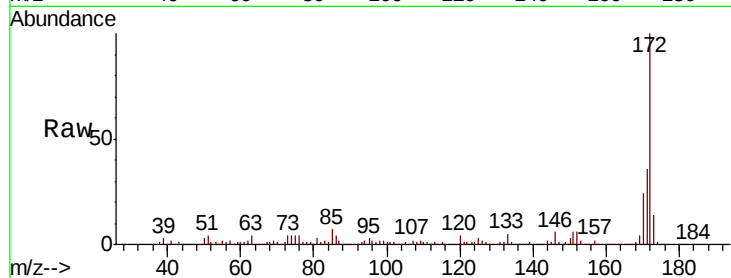




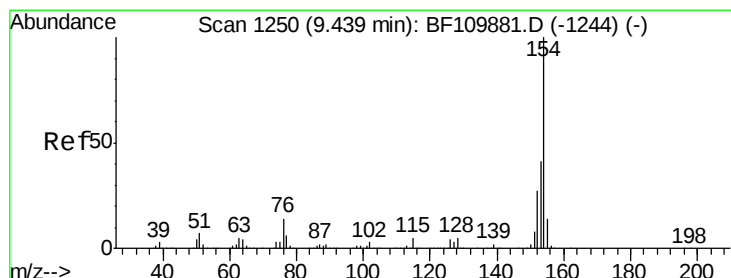
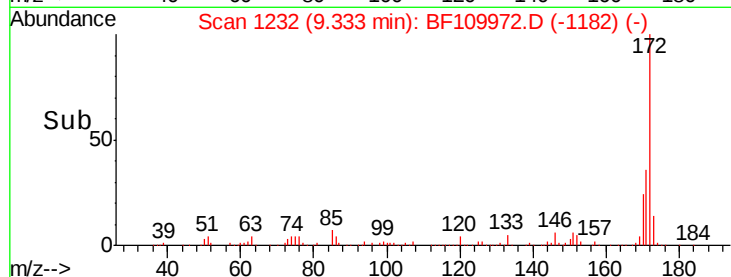
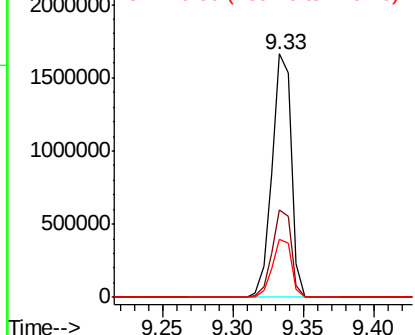
#45
2-Fluorobiphenyl
Concen: 92.636 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1597140
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.7 29.5

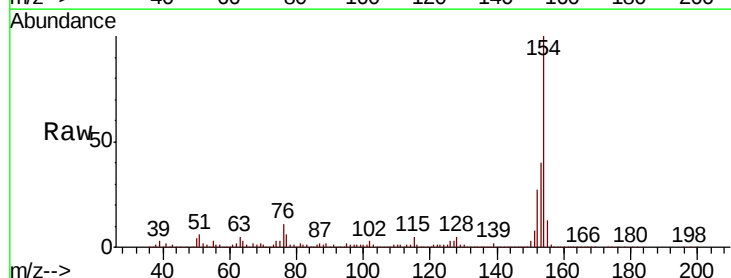


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

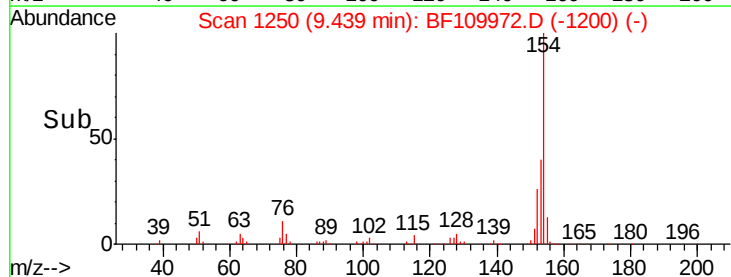
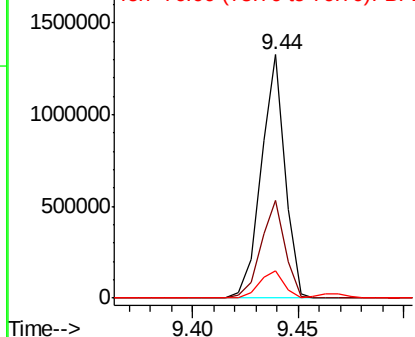


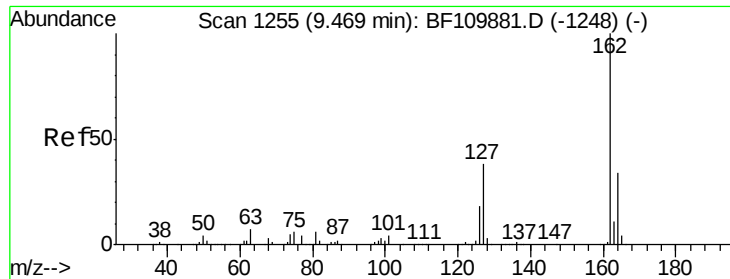
#46
1,1'-Biphenyl
Concen: 42.325 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:154 Resp: 1037415
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

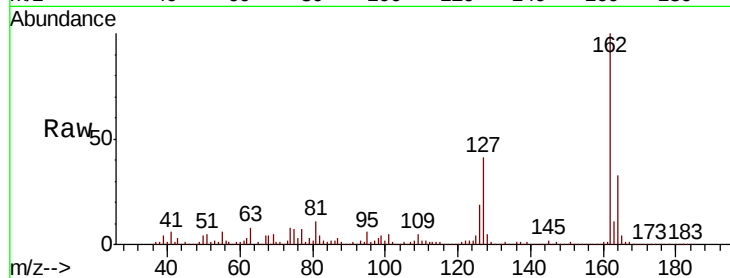




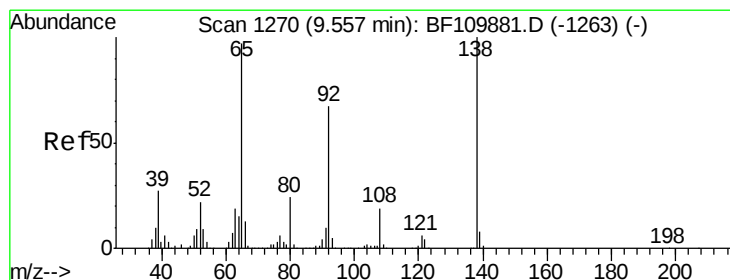
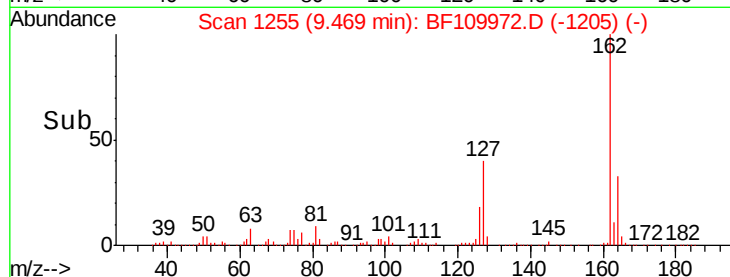
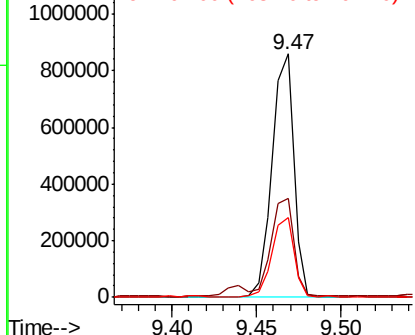
#47
 2-Chloronaphthalene
 Concen: 42.669 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.6	32.6	48.8	
164	32.9	25.9	38.9	

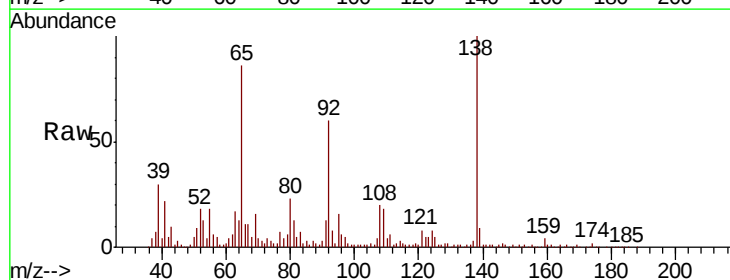


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

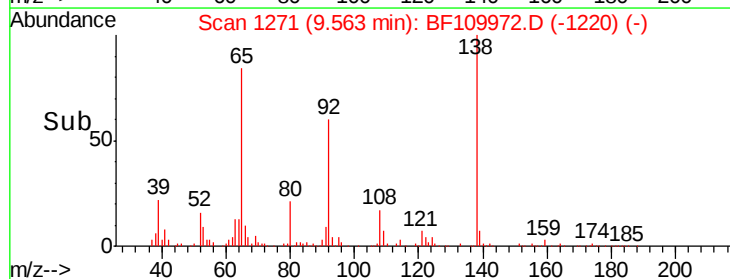
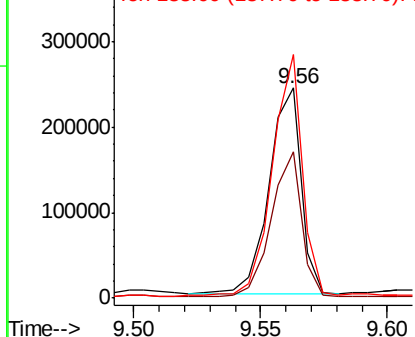


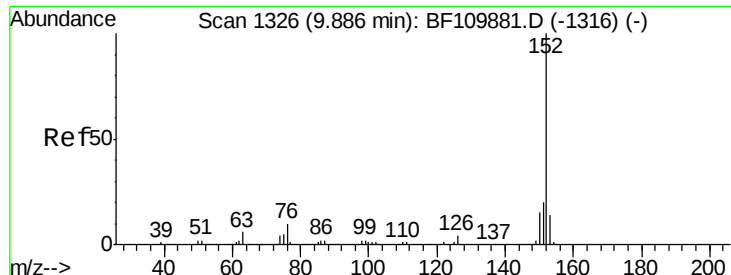
#48
 2-Nitroaniline
 Concen: 46.268 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	69.5	54.6	81.8	
138	115.9	80.3	120.5	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.198 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

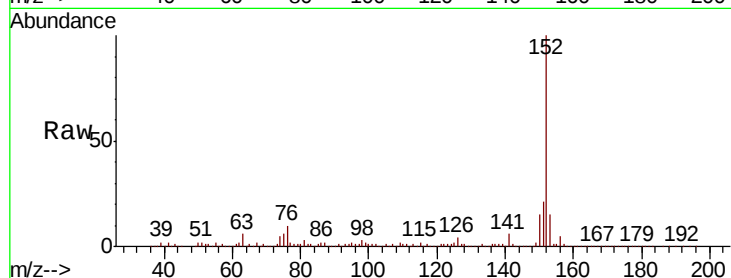
Tot Ion:152 Resp: 1159242

Ion Ratio Lower Upper

152 100

151 20.9 15.8 23.8

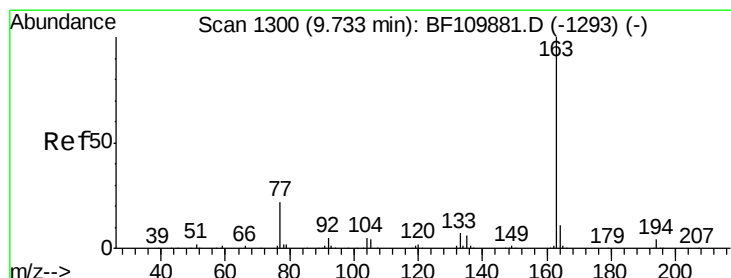
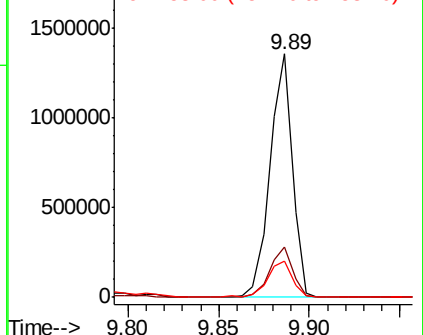
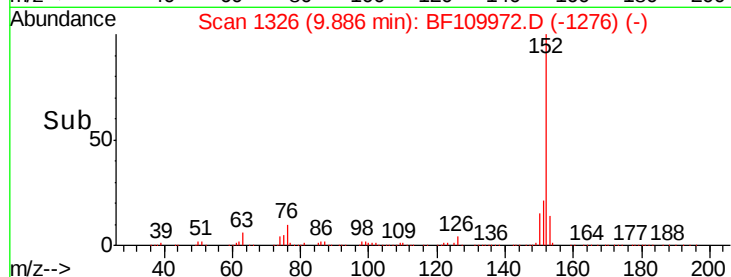
153 14.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.757 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

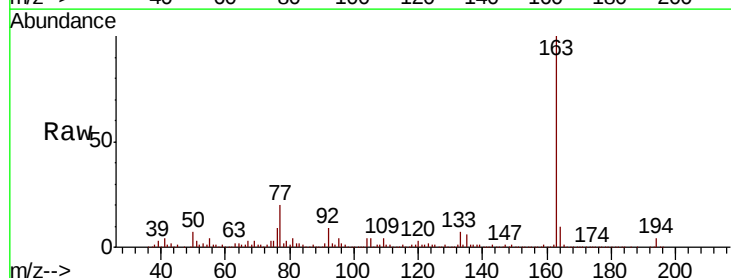
Tgt Ion:163 Resp: 832907

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

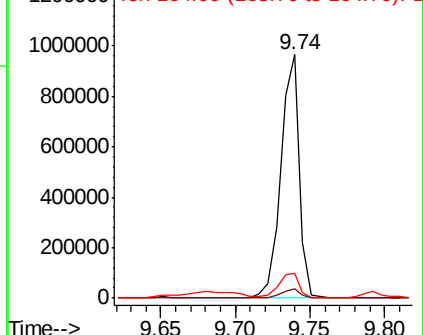
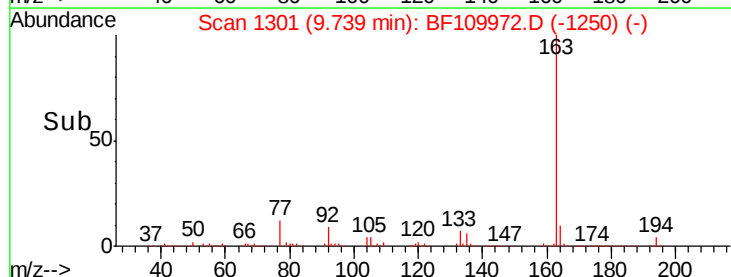
164 10.1 8.1 12.1

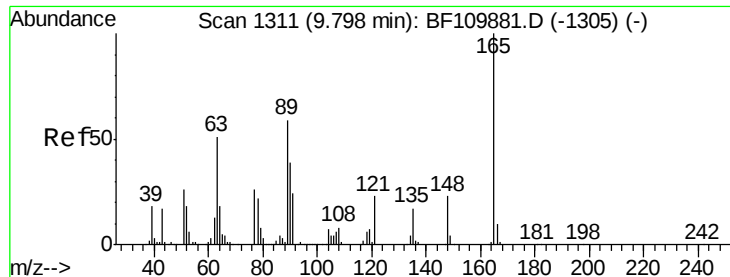


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

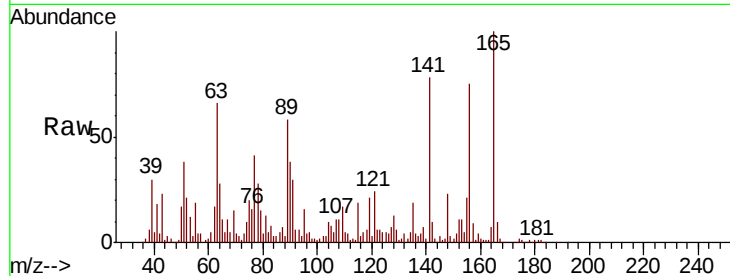




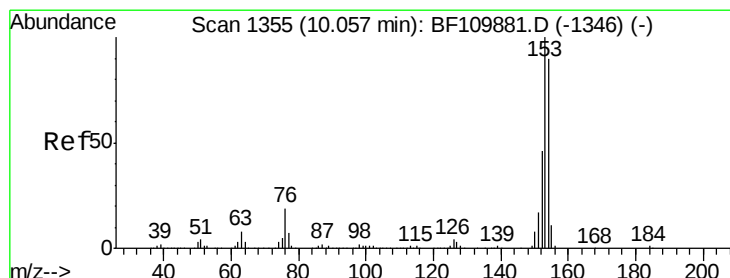
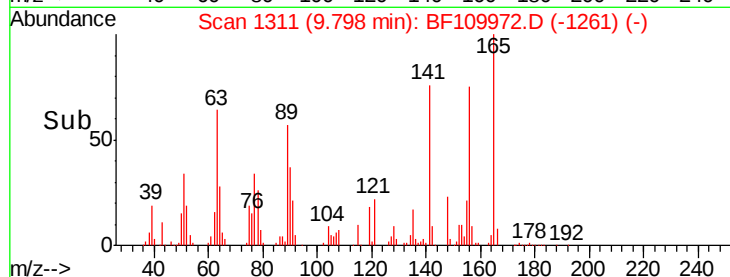
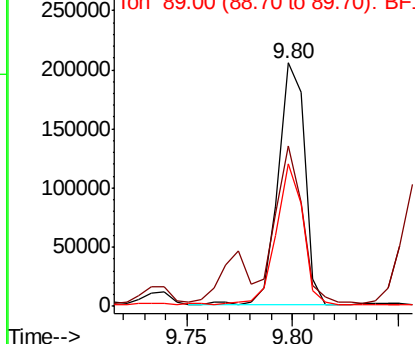
#51
2,6-Dinitrotoluene
Concen: 48.825 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.1	48.9	73.3
89	58.5	46.6	69.8

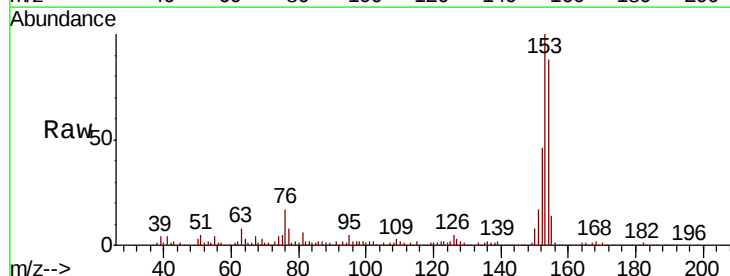


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

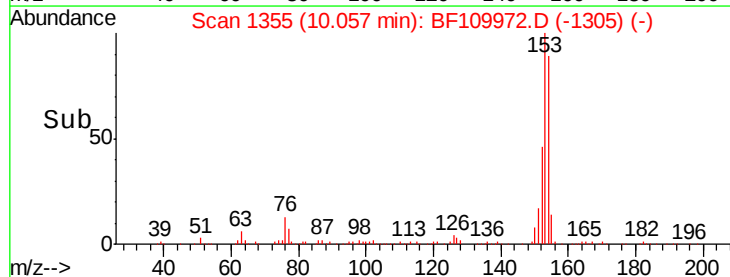
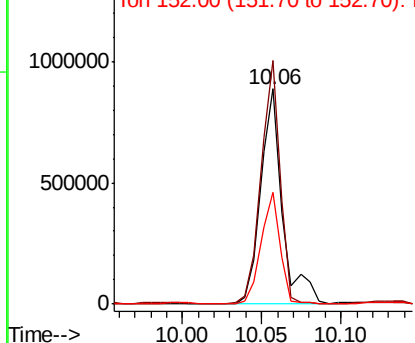


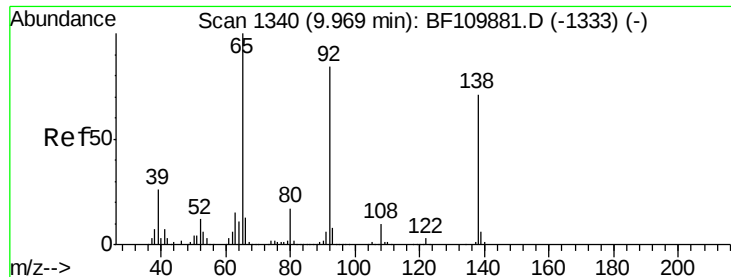
#52
Acenaphthene
Concen: 50.798 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.1	135.1
152	52.1	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

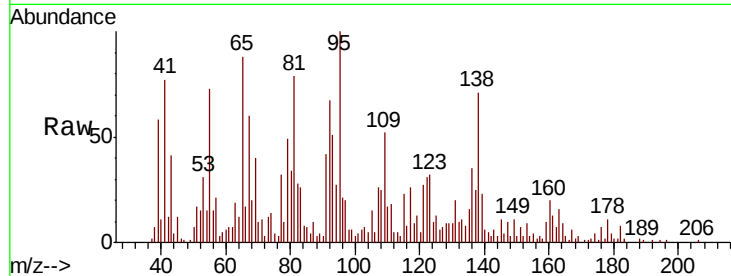




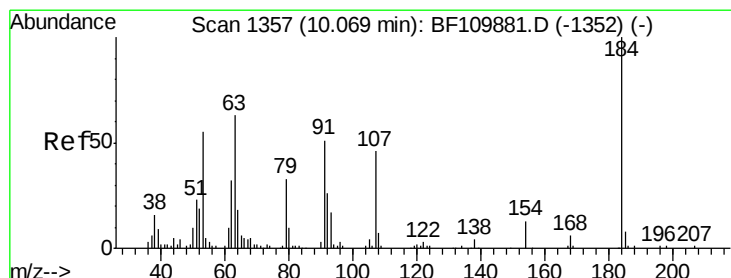
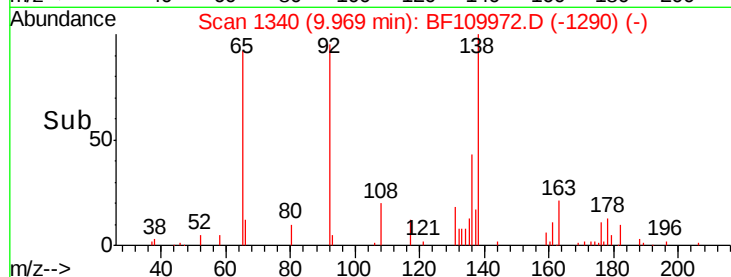
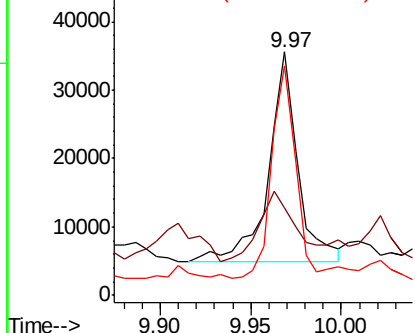
#53
3-Nitroaniline
Concen: 7.756 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 34909
Ion Ratio Lower Upper
138 100
108 35.9 8.7 13.1#
92 94.4 97.0 145.4#

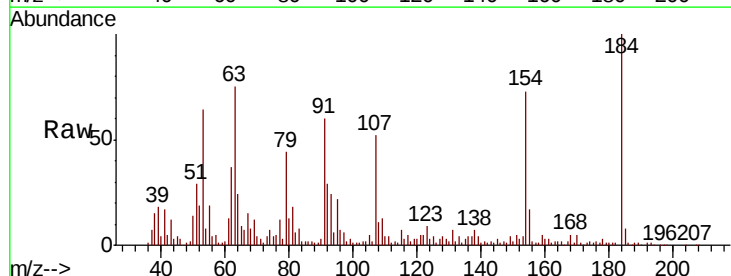


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

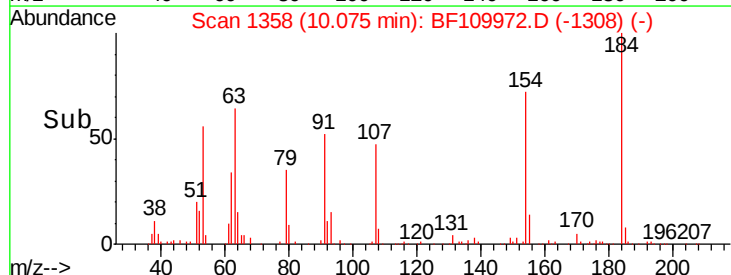
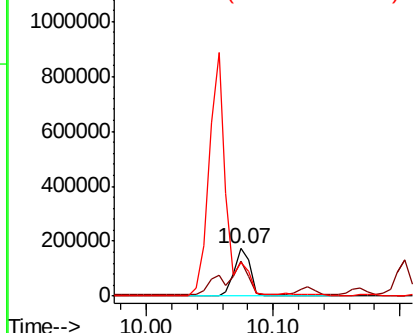


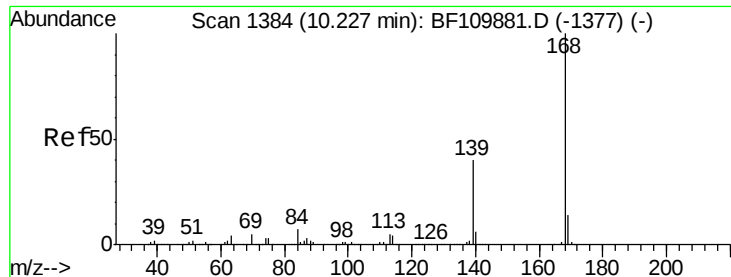
#54
2,4-Dinitrophenol
Concen: 121.390 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:184 Resp: 149192
Ion Ratio Lower Upper
184 100
63 75.1 55.8 83.6
154 72.7 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

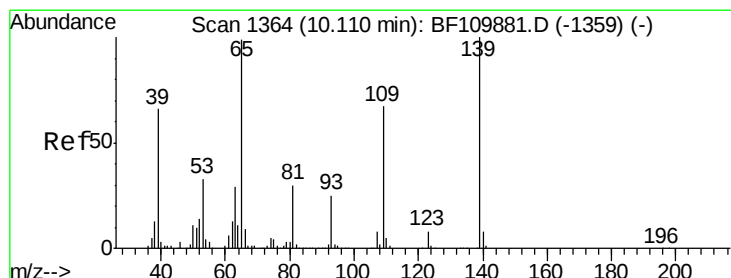
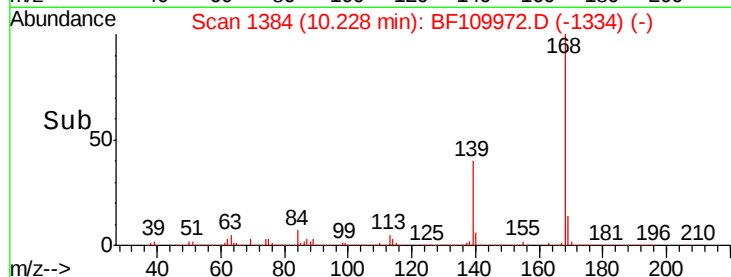
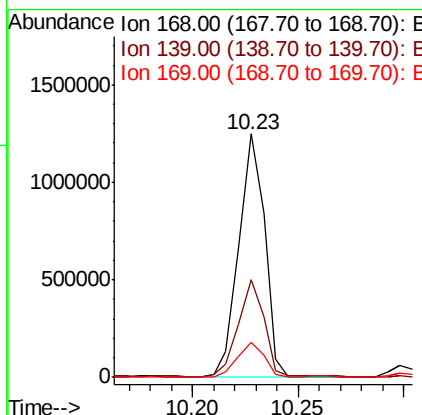
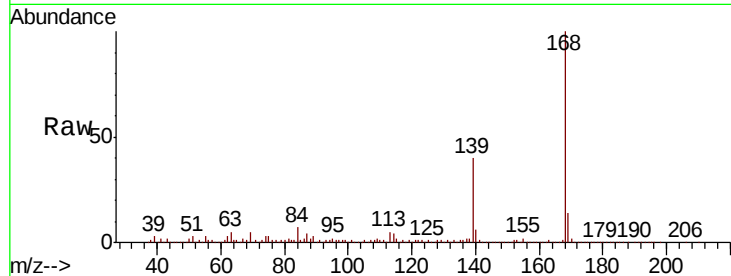




#55
Dibenzofuran
Concen: 44.281 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

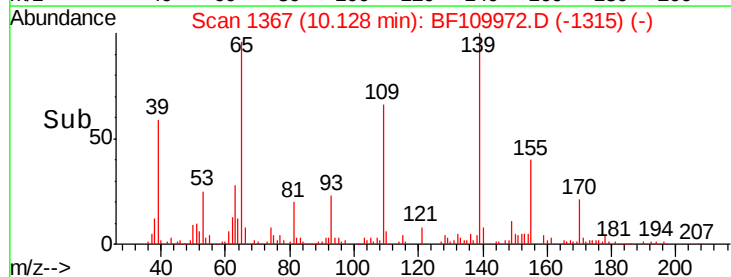
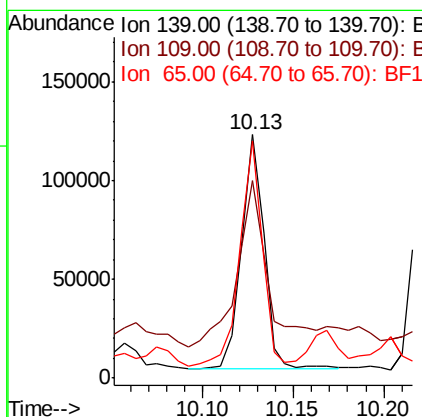
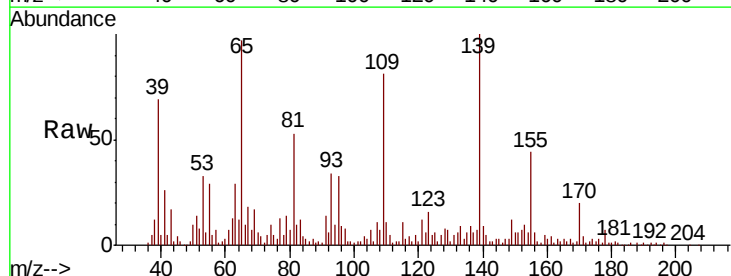
Instrument :
BNA_F
ClientSampleId :

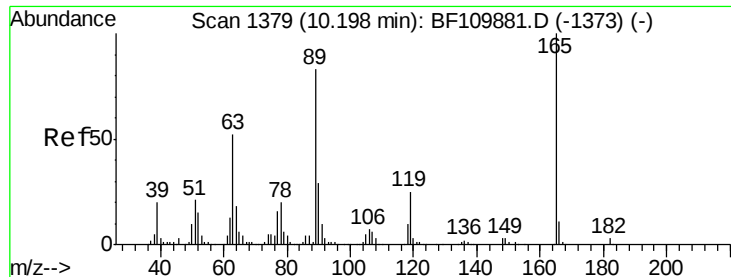
Tot Ion:168 Resp: 1054534
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.6
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 30.166 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:139 Resp: 103597
Ion Ratio Lower Upper
139 100
109 81.0 55.8 95.8
65 97.3 77.9 117.9

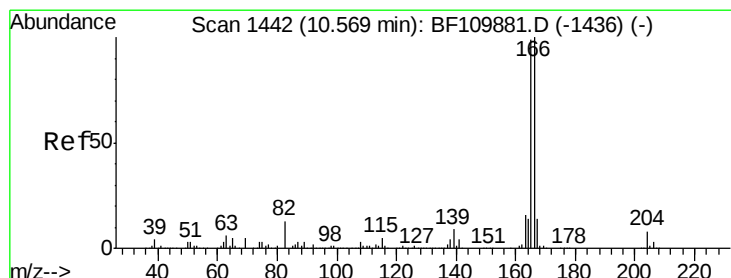
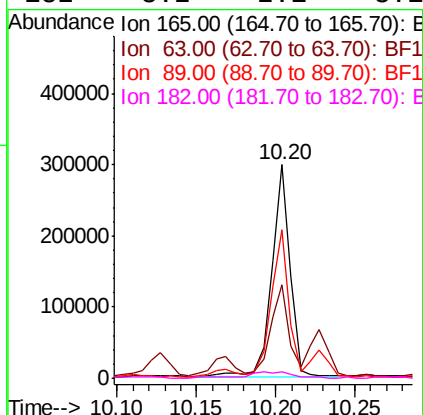
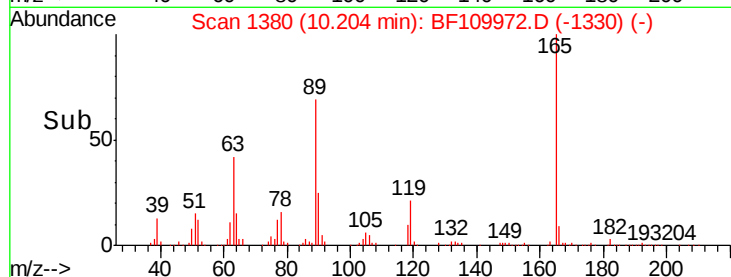
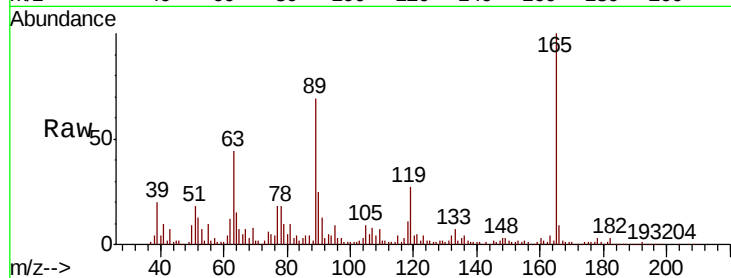




#57
2,4-Dinitrotoluene
Concen: 51.409 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

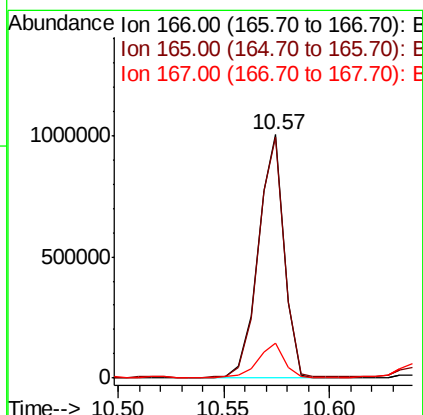
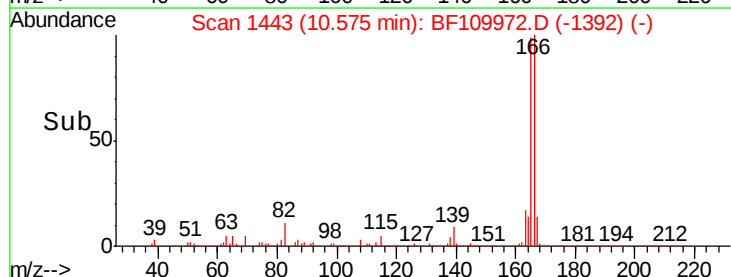
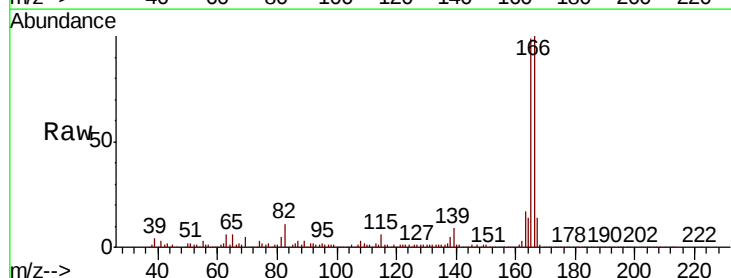
Instrument :
BNA_F
ClientSampleId :

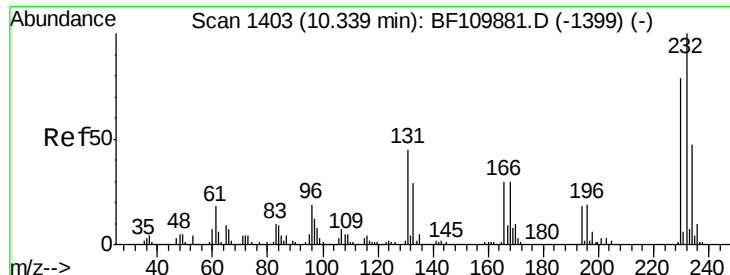
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	43.7	44.8	67.2	
89	69.3	62.2	93.4	
182	3.2	2.1	3.1	



#58
Fluorene
Concen: 48.841 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.1	78.6	117.8	
167	14.1	10.8	16.2	

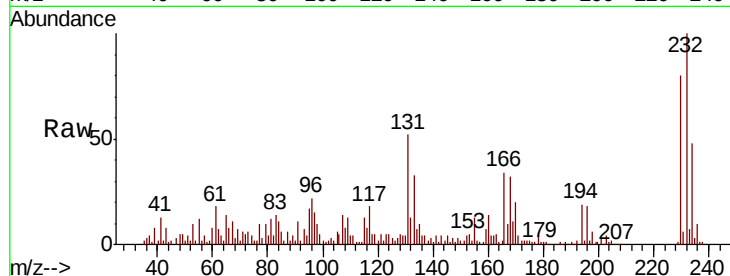




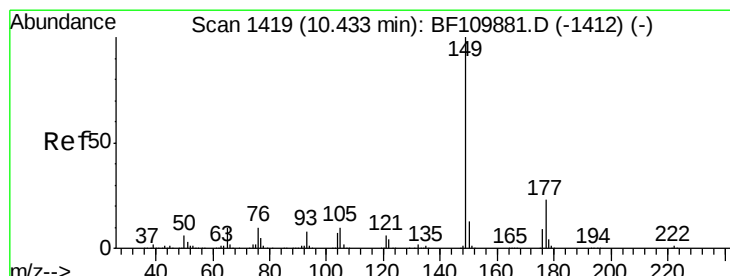
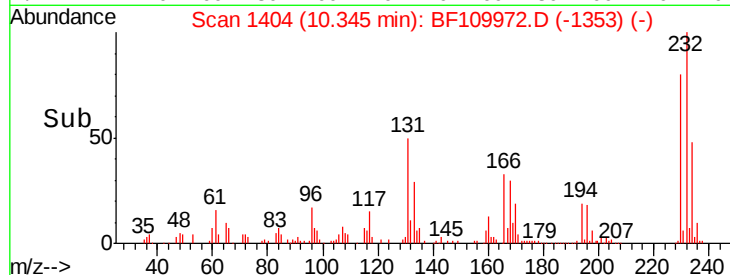
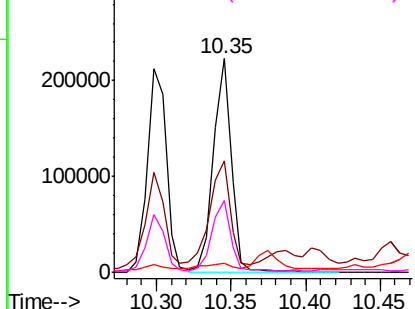
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.997 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 187391
Ion Ratio Lower Upper
232 100
131 53.1 37.0 55.4
130 3.4 1.8 2.6#
166 33.0 22.0 33.0#

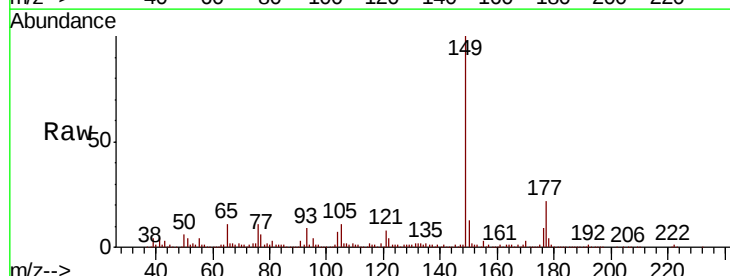


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

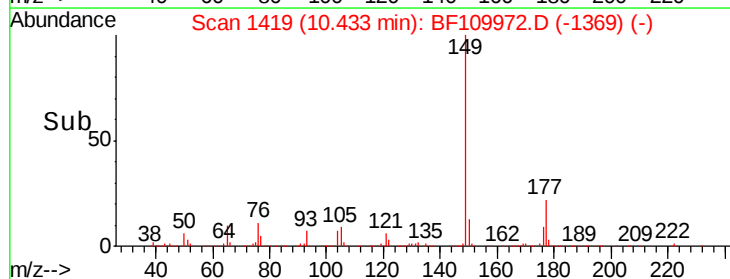
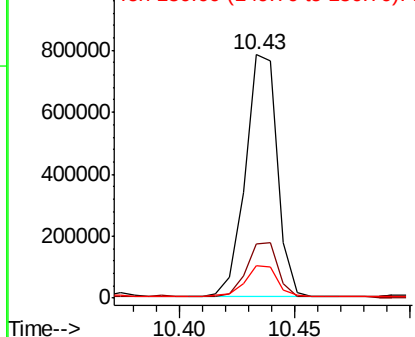


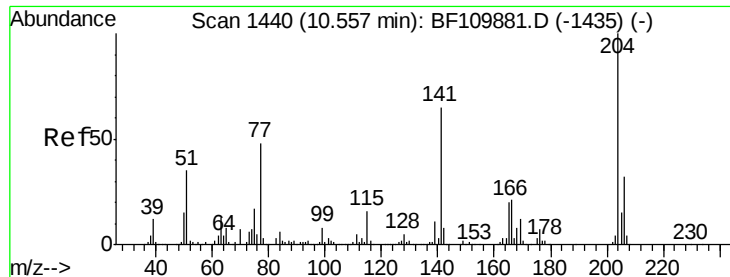
#60
Diethylphthalate
Concen: 39.255 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:149 Resp: 755263
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 13.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

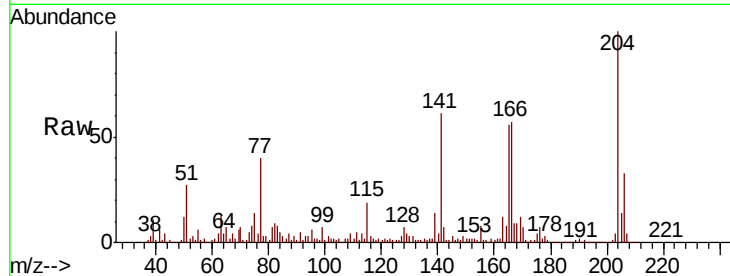




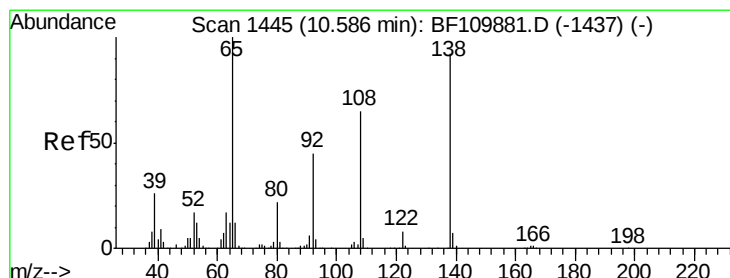
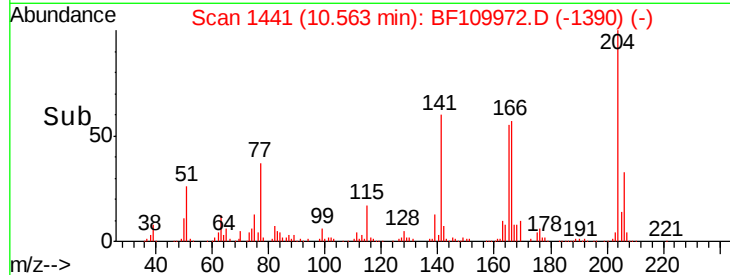
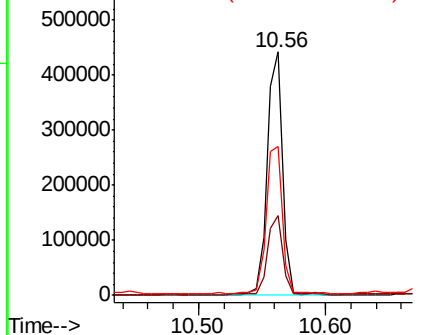
#61
 4-Chlorophenyl-phenylether
 Concen: 41.294 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 372898
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 60.9 51.8 77.8

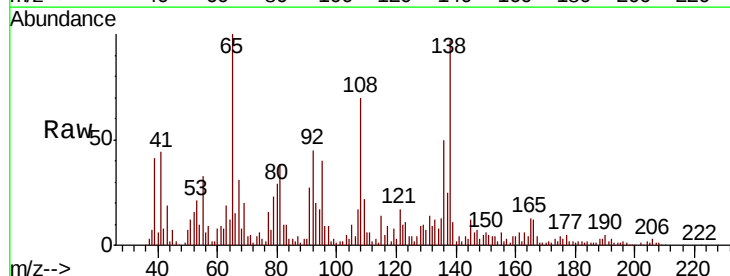


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

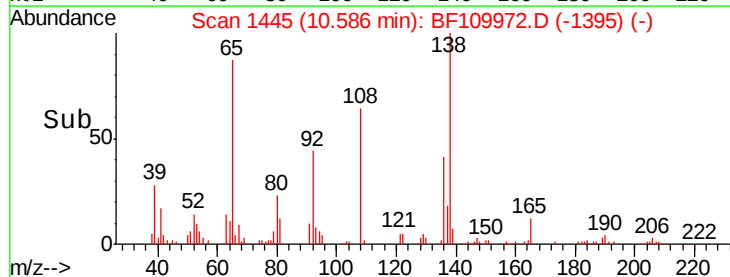
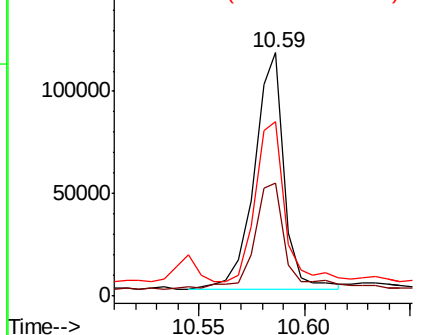


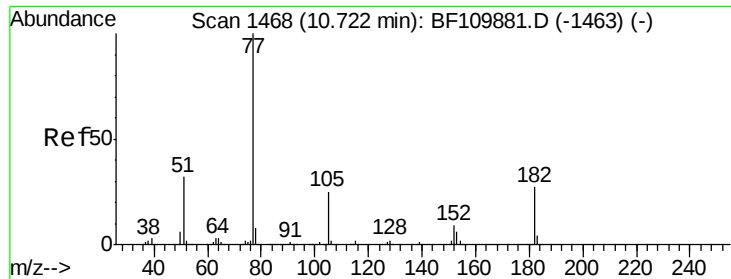
#62
 4-Nitroaniline
 Concen: 26.743 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion:138 Resp: 113935
 Ion Ratio Lower Upper
 138 100
 92 46.3 31.7 71.7
 108 71.9 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

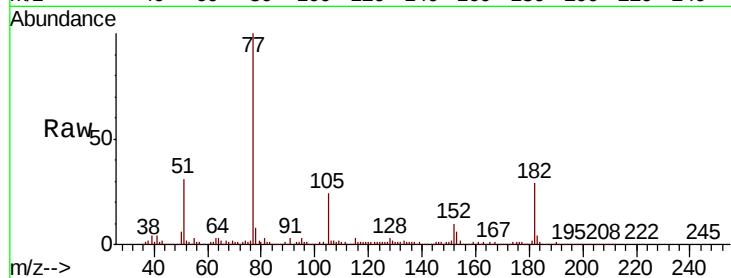




#63
Azobenzene
Concen: 37.783 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	759440
Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.3	44.3
105	24.1	1.3	41.3
51	31.0	9.0	49.0



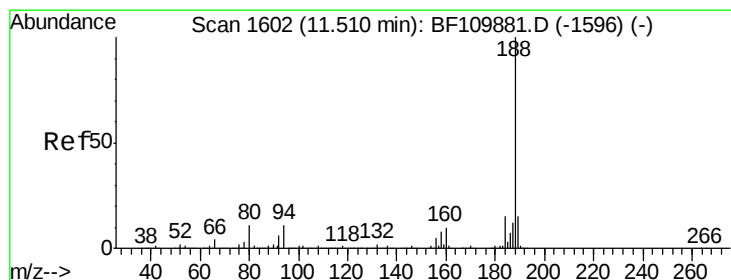
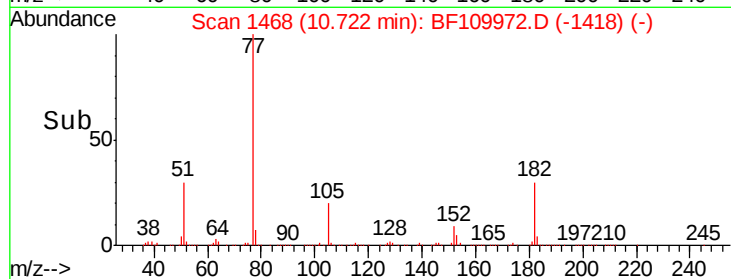
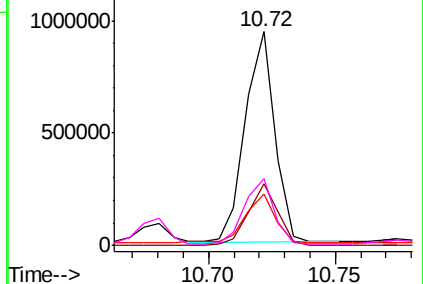
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

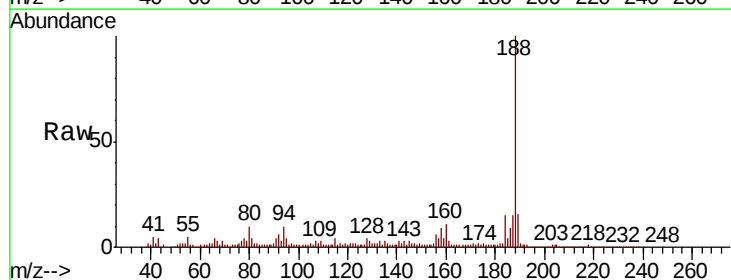
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:	188	Resp:	429869
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.4	7.9	11.9

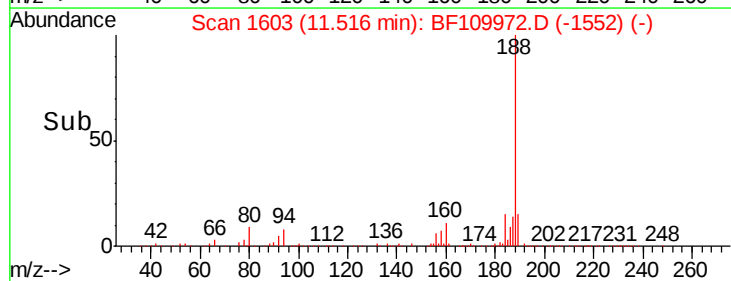
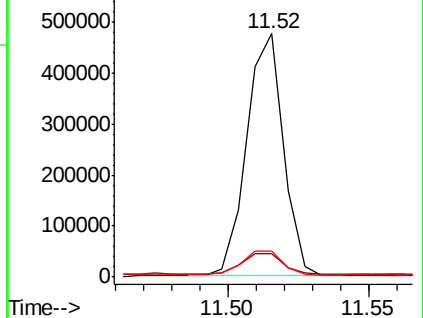


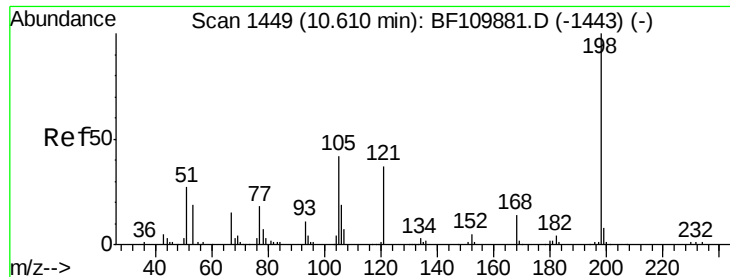
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 59.902 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

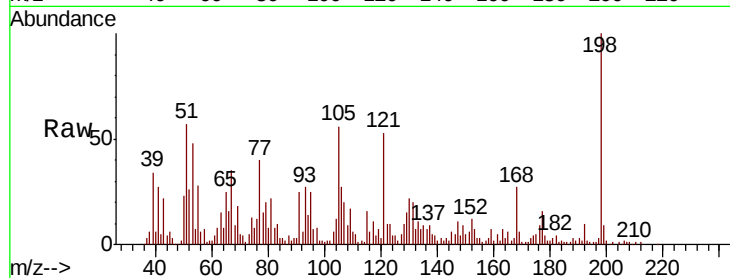
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 96940

Ion	Ratio	Lower	Upper
198	100		
51	56.8	22.8	62.8
105	56.5	23.6	63.6

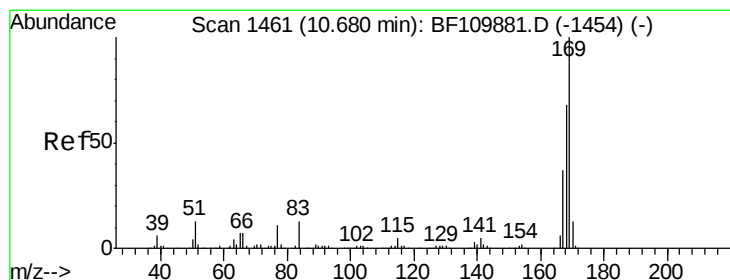
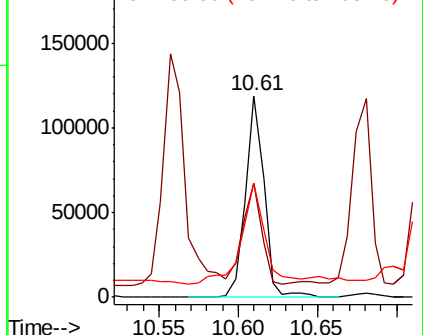
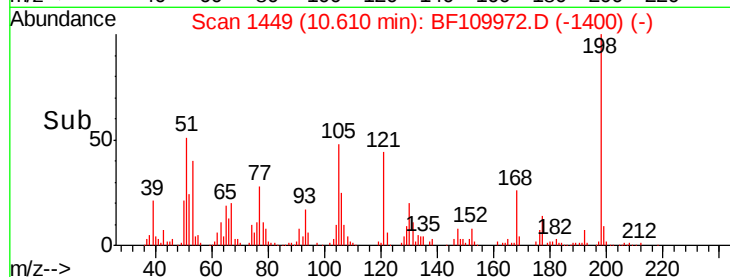


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.765 ng

RT: 10.68 min Scan# 1461

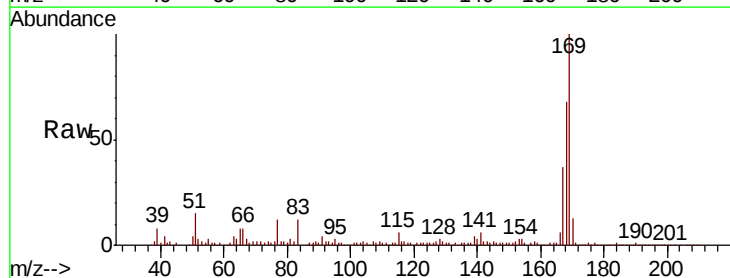
Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Tgt Ion:169 Resp: 640910

Ion	Ratio	Lower	Upper
169	100		
168	67.9	51.2	76.8
167	36.9	27.8	41.6

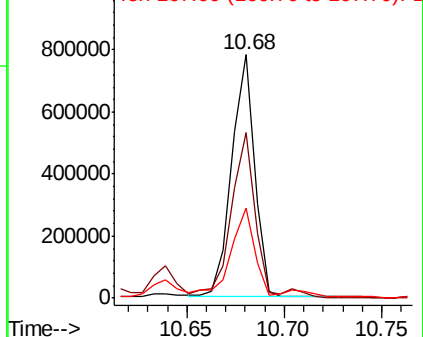
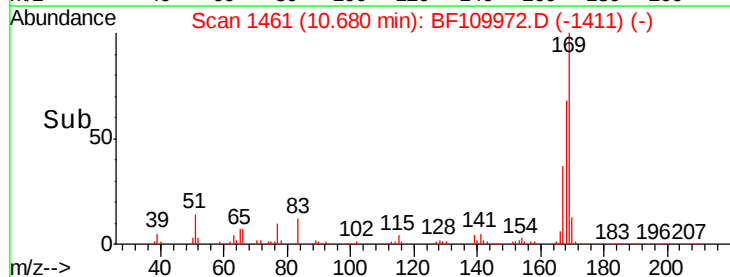


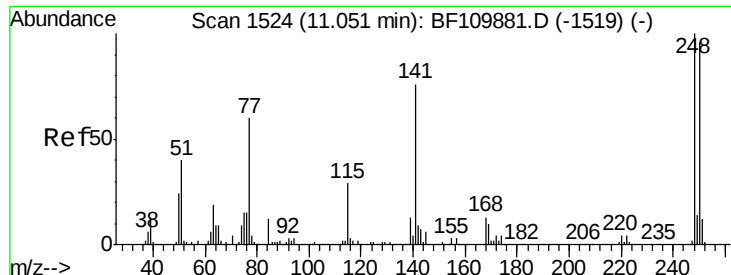
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

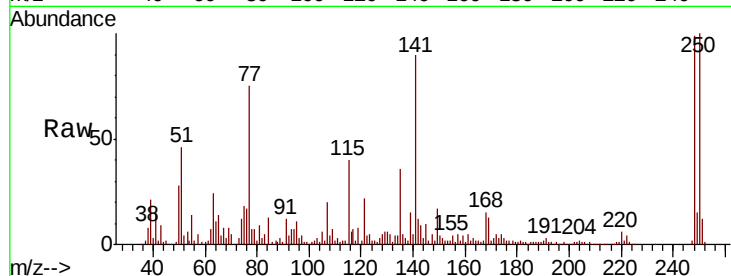




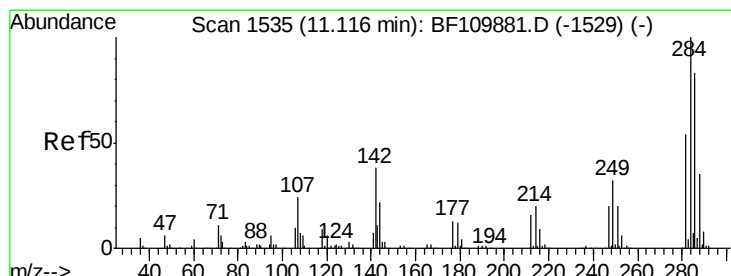
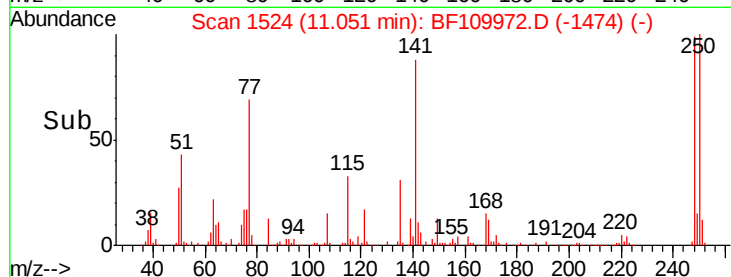
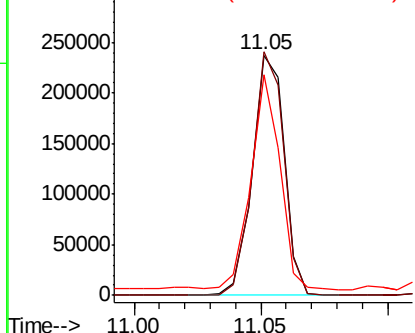
#67
 4-Bromophenyl-phenylether
 Concen: 44.778 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 208604
 Ion Ratio Lower Upper
 248 100
 250 101.4 79.4 119.2
 141 91.7 55.9 83.9#

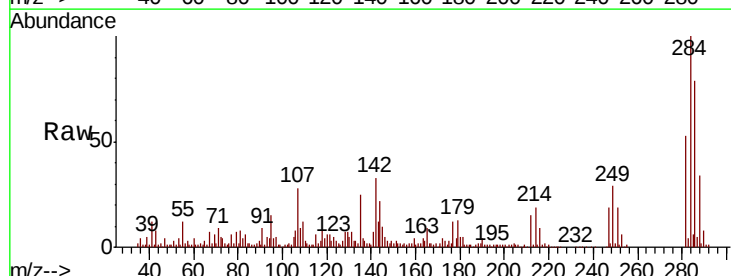


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

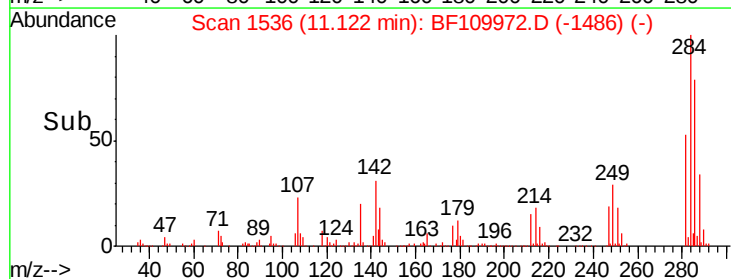
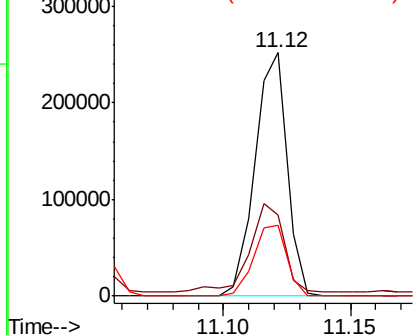


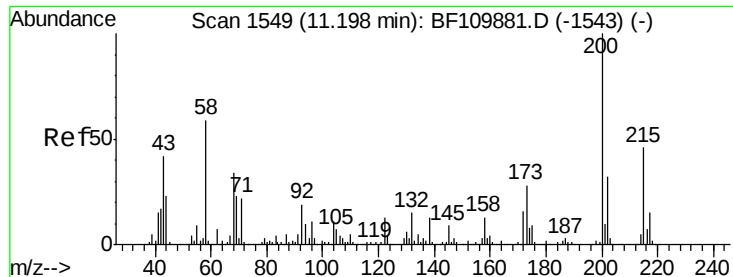
#68
 Hexachlorobenzene
 Concen: 45.024 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion:284 Resp: 223674
 Ion Ratio Lower Upper
 284 100
 142 33.1 23.9 35.9
 249 28.9 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 26.348 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

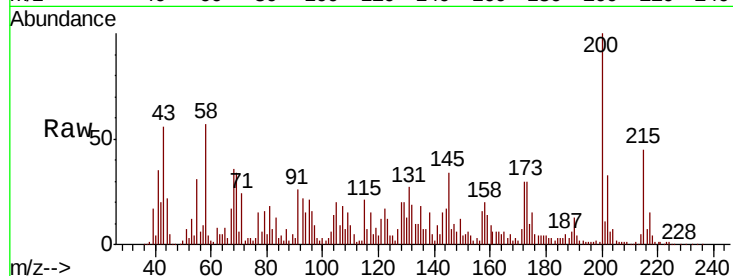
Tot Ion:200 Resp: 117832

Ion Ratio Lower Upper

200 100

173 30.4 6.6 46.6

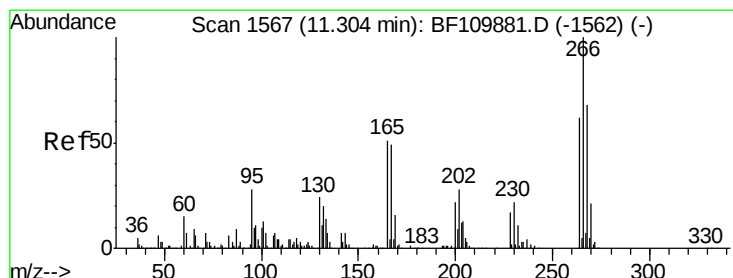
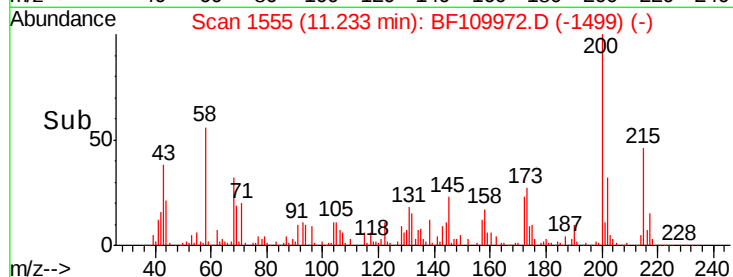
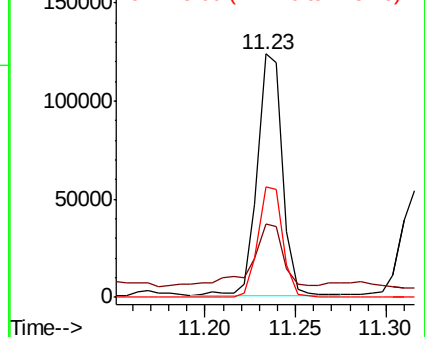
215 45.4 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.942 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

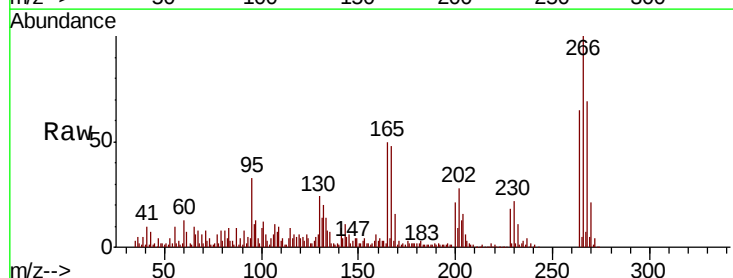
Tgt Ion:266 Resp: 220359

Ion Ratio Lower Upper

266 100

268 68.6 50.6 75.8

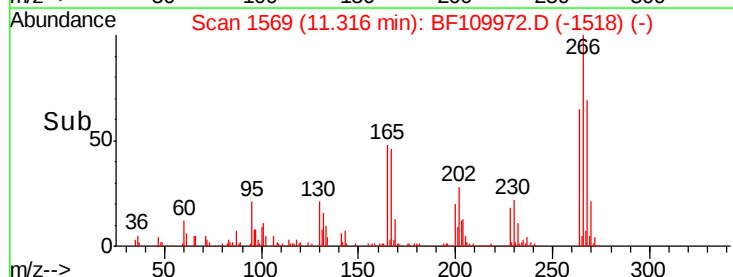
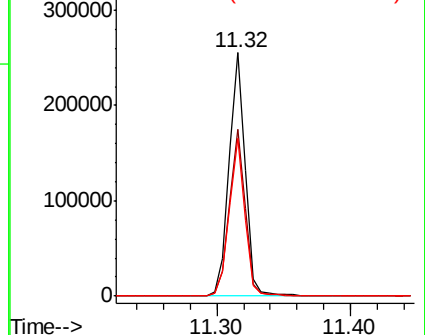
264 64.8 50.6 75.8

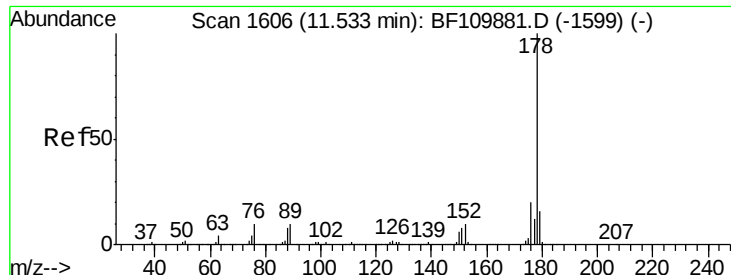


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

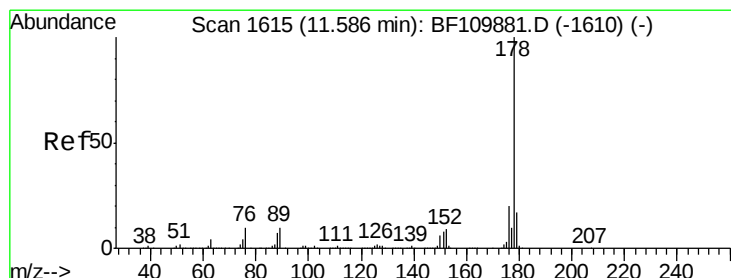
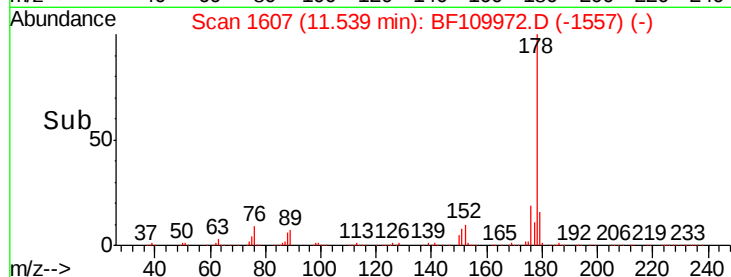
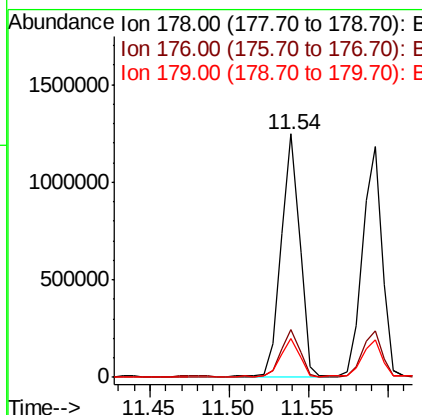
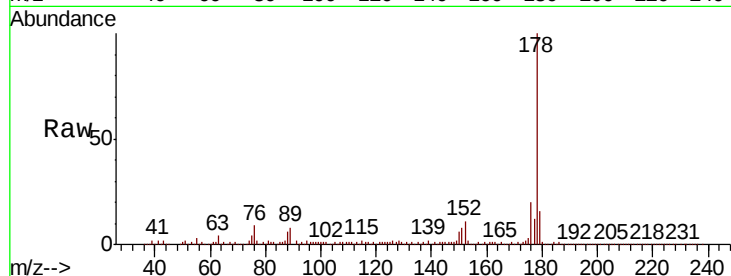




#71
Phenanthrene
Concen: 45.519 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

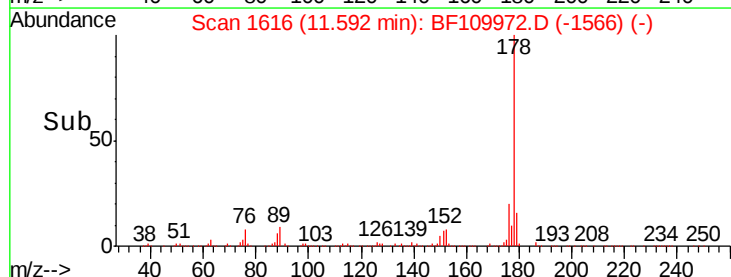
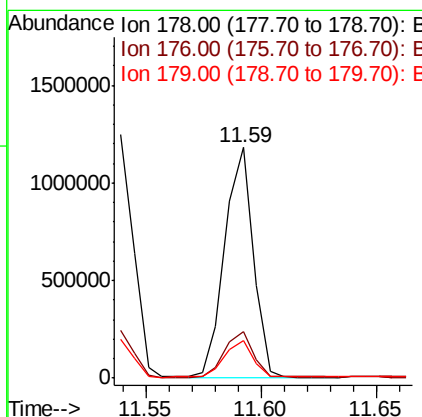
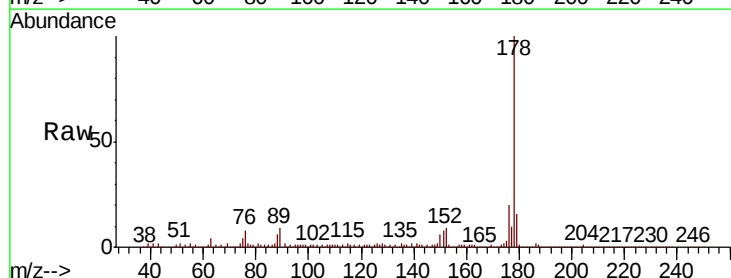
Instrument :
BNA_F
ClientSampleId :

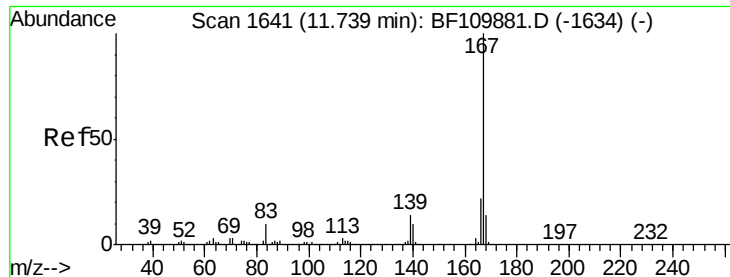
Tot Ion:178 Resp: 1013008
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.5 18.7



#72
Anthracene
Concen: 45.402 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:178 Resp: 1015828
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.1 12.6 18.8

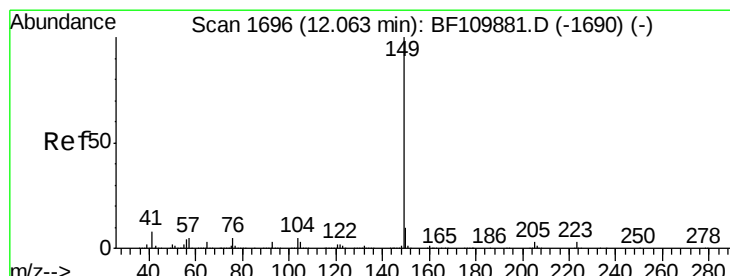
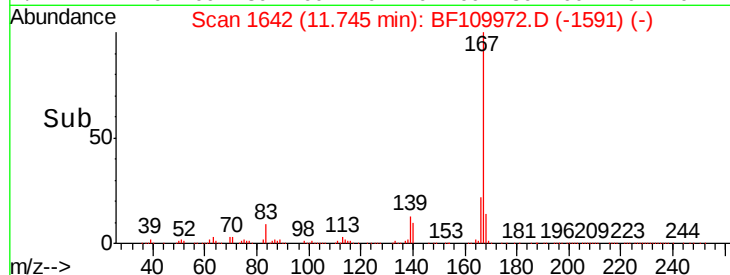
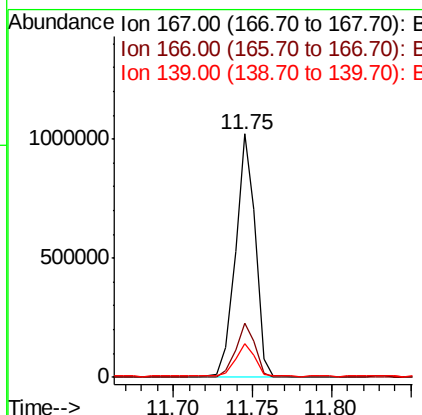
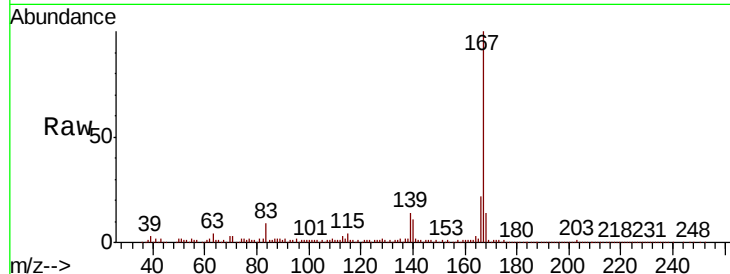




#73
 Carbazole
 Concen: 39.496 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

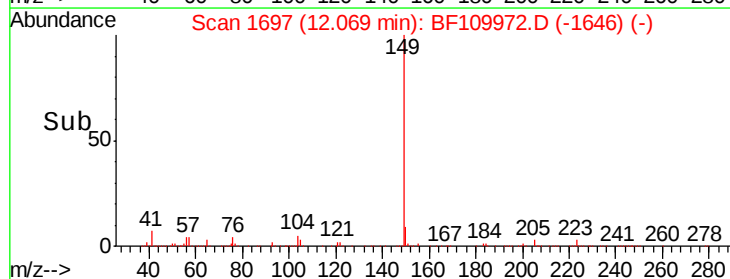
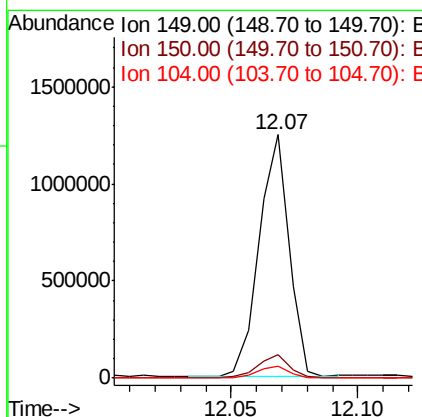
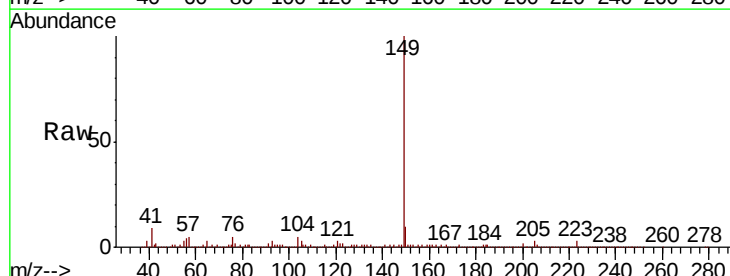
Instrument :
 BNA_F
 ClientSampleId :

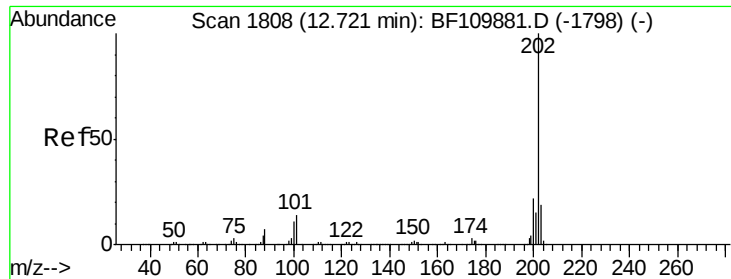
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 41.809 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 41.303 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

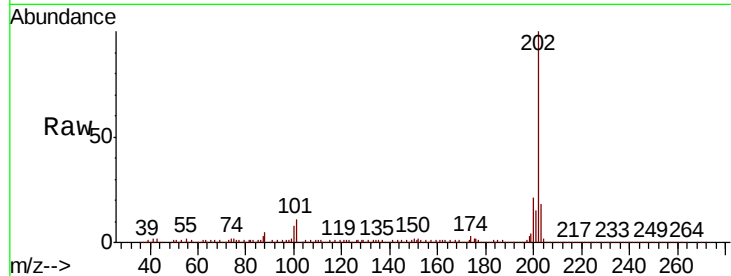
Tot Ion:202 Resp: 918241

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

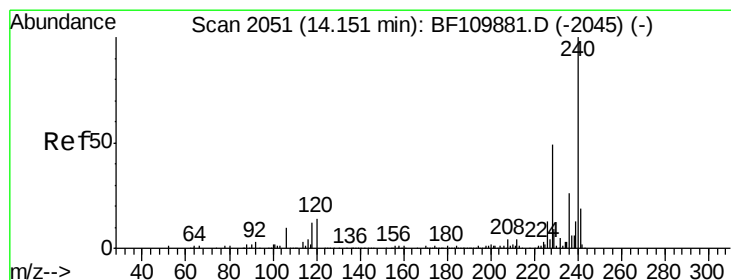
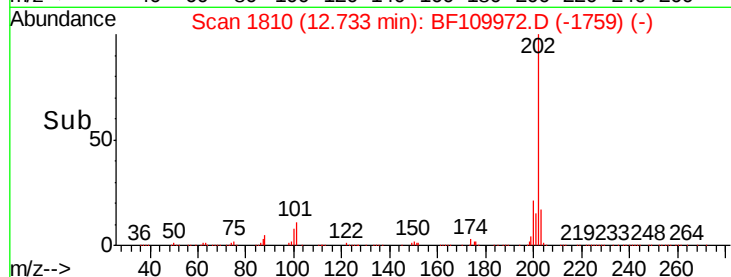
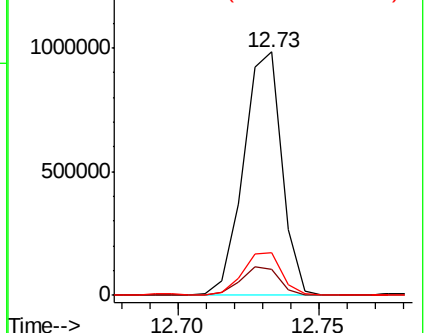
203 17.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

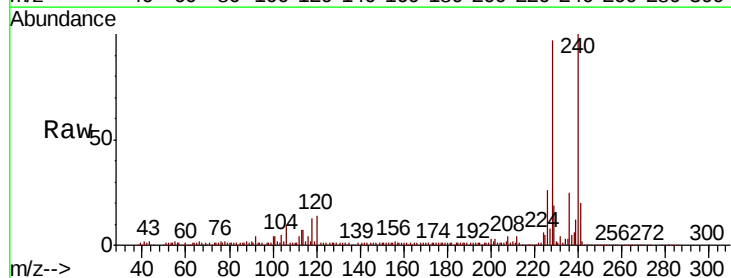
Tgt Ion:240 Resp: 338117

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

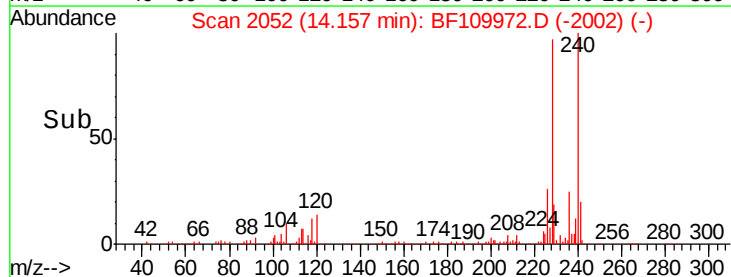
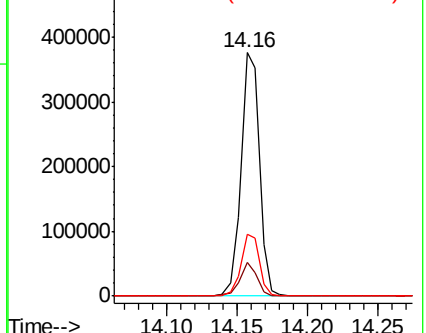
236 25.5 21.2 31.8

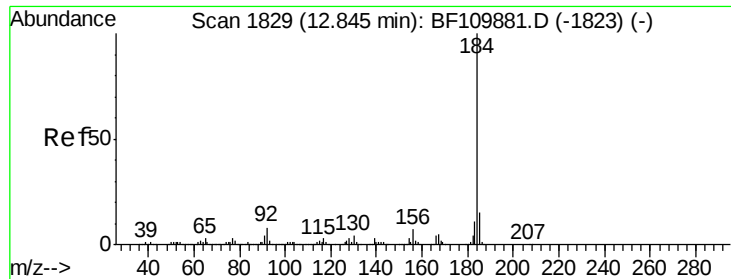


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.086 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

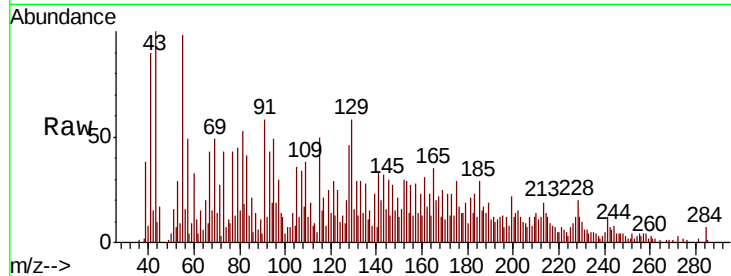
Tot Ion:184 Resp: 1117

Ion Ratio Lower Upper

184 100

185 238.9 13.4 20.2#

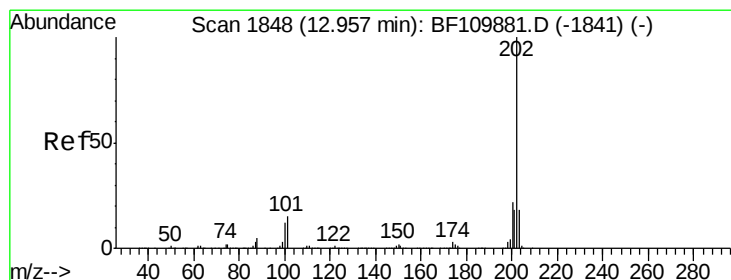
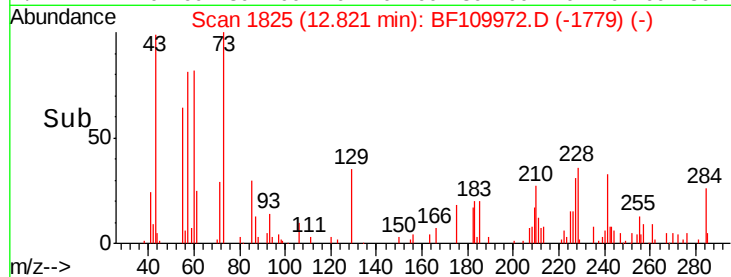
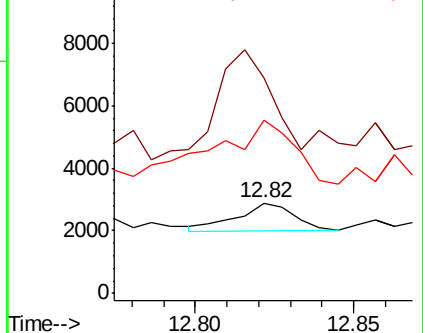
183 191.5 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.276 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

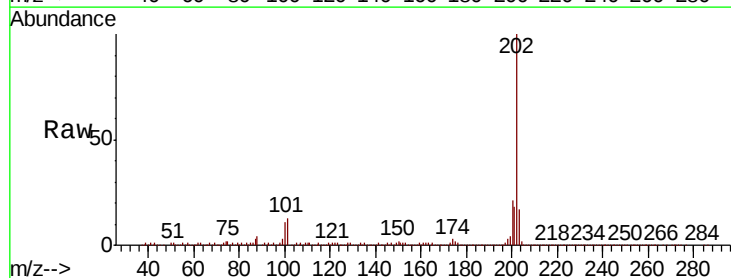
Tgt Ion:202 Resp: 925688

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

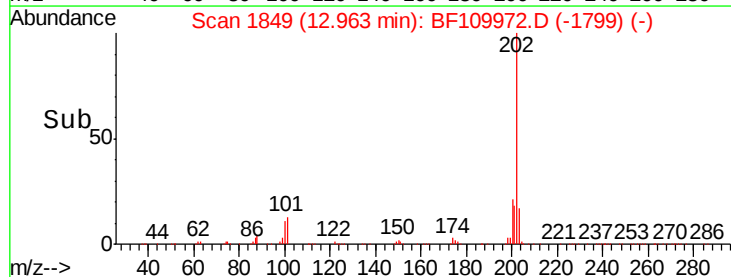
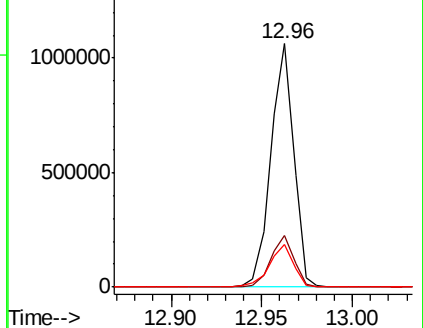
203 17.5 14.2 21.4

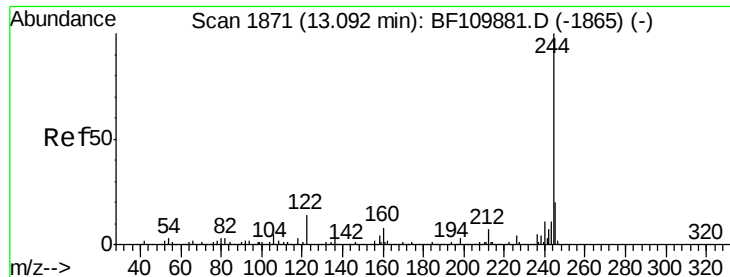


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.962 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

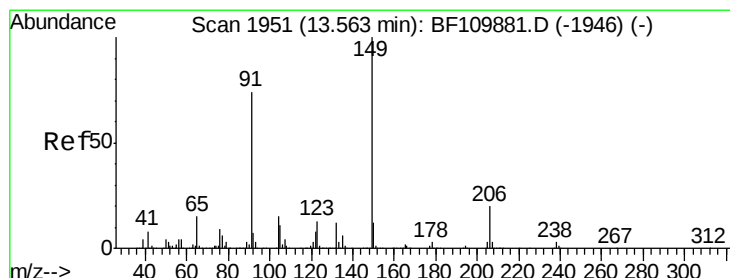
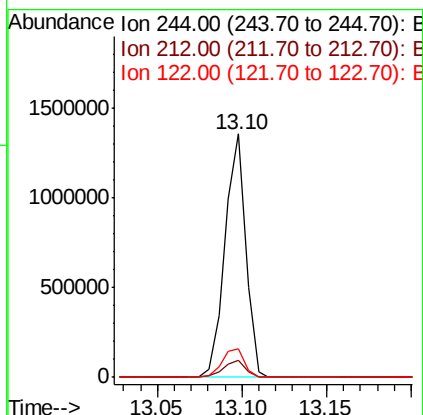
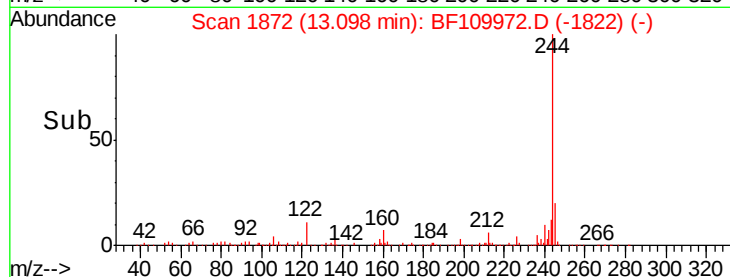
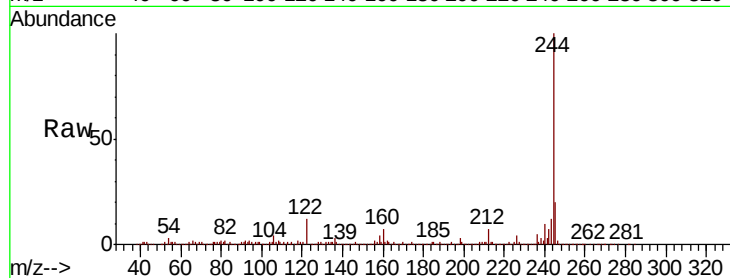
Tot Ion:244 Resp: 1158684

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 11.7 8.7 13.1



#80

Butylbenzylphthalate

Concen: 42.042 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

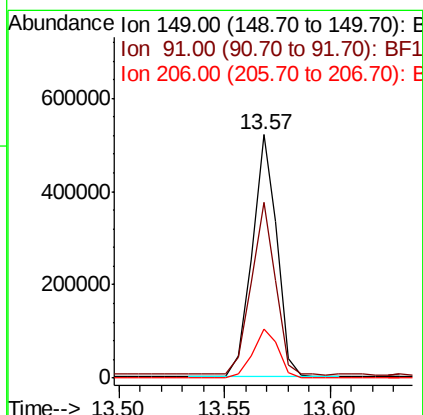
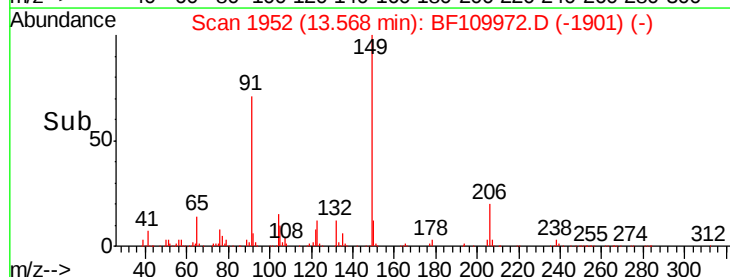
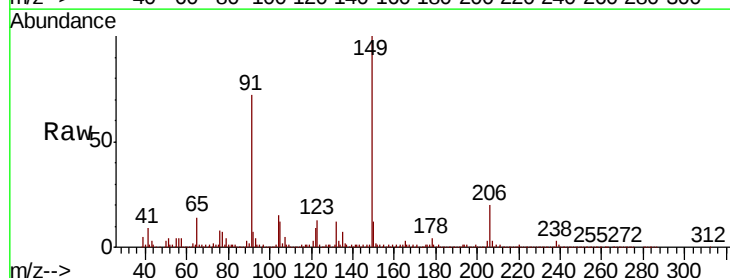
Tgt Ion:149 Resp: 422096

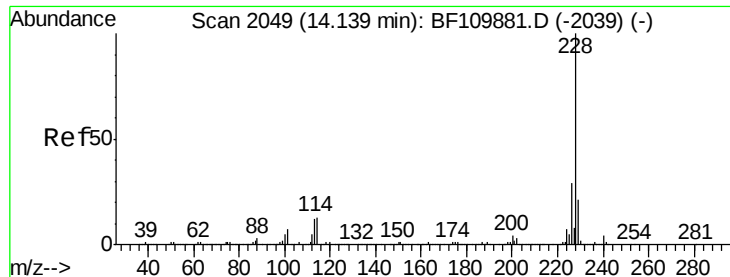
Ion Ratio Lower Upper

149 100

91 72.3 57.2 85.8

206 20.1 15.7 23.5

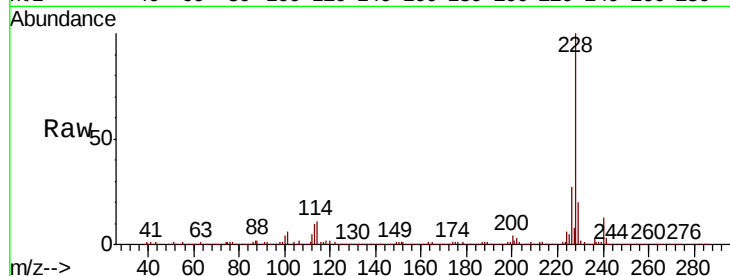




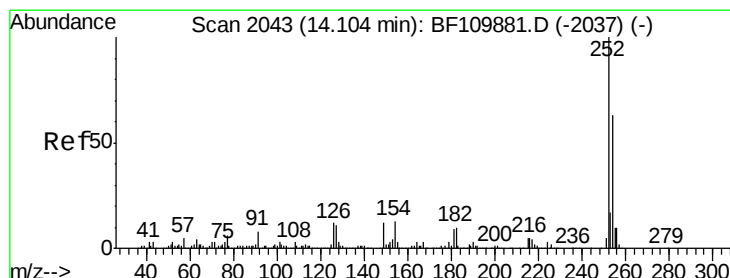
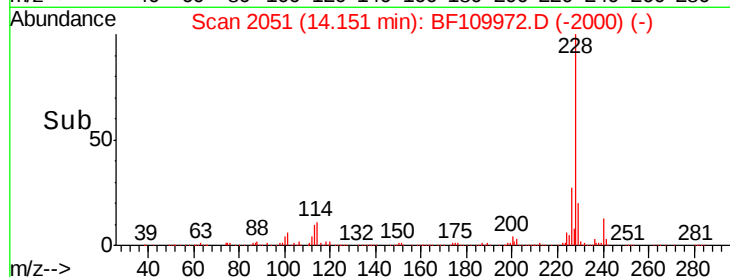
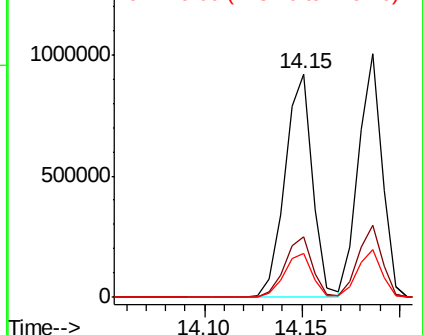
#81
Benzo(a)anthracene
Concen: 45.170 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 899604
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.8 15.6 23.4

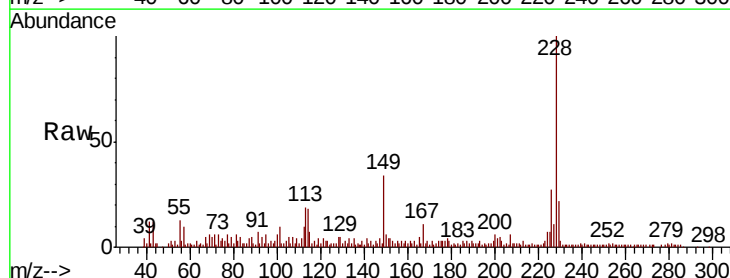


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

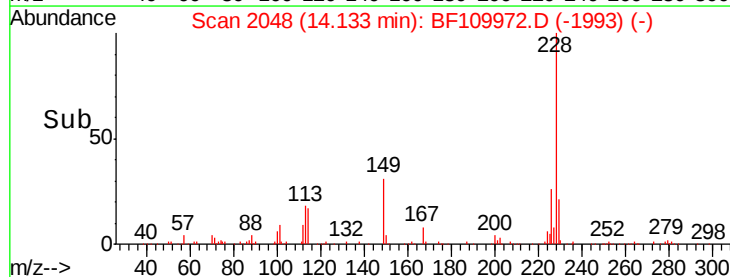
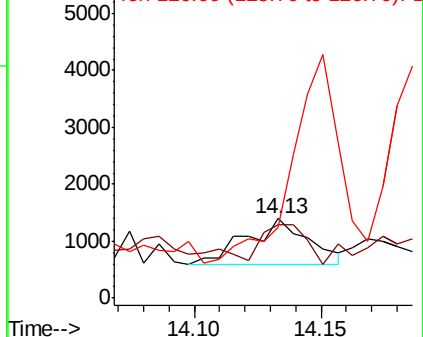


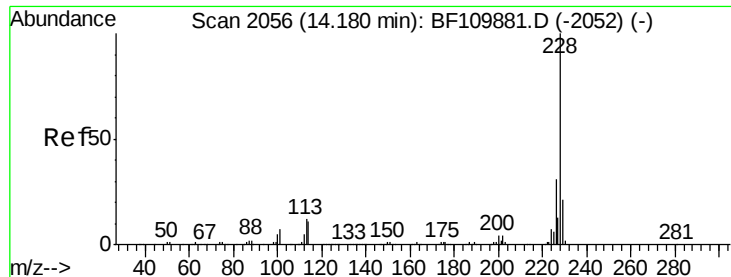
#82
3,3'-Dichlorobenzidine
Concen: 0.201 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.02 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:252 Resp: 1406
Ion Ratio Lower Upper
252 100
254 92.7 51.3 76.9#
126 89.9 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.396 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampled :

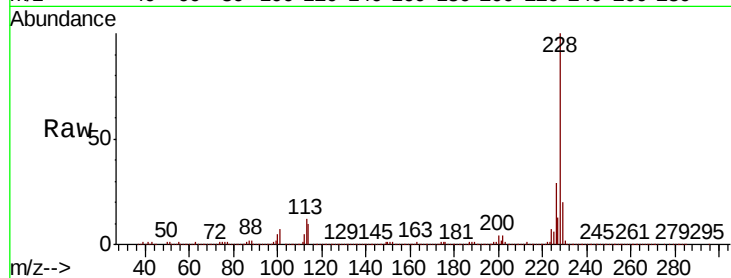
Tot Ion:228 Resp: 841618

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

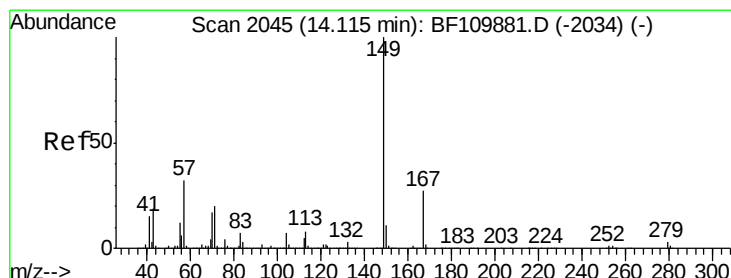
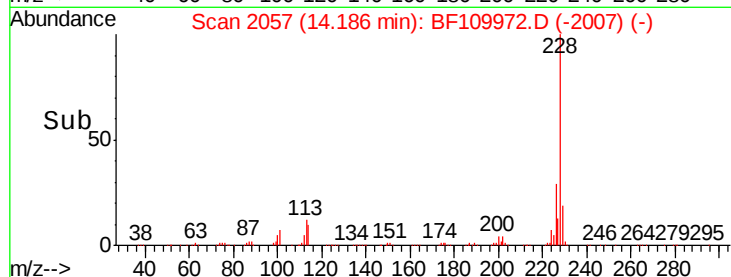
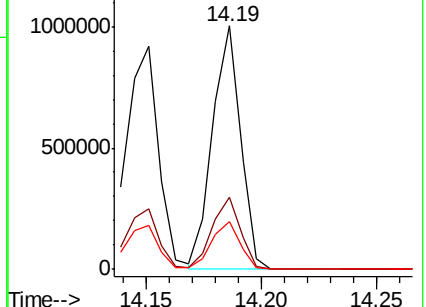
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.208 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

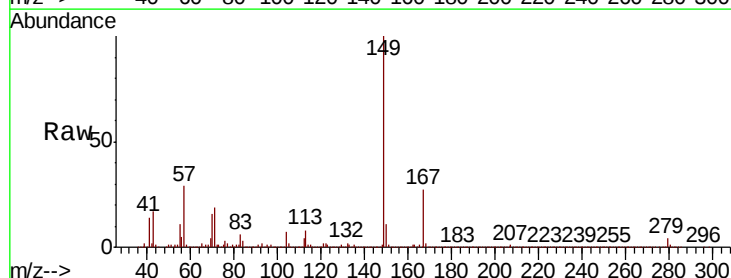
Tgt Ion:149 Resp: 597238

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

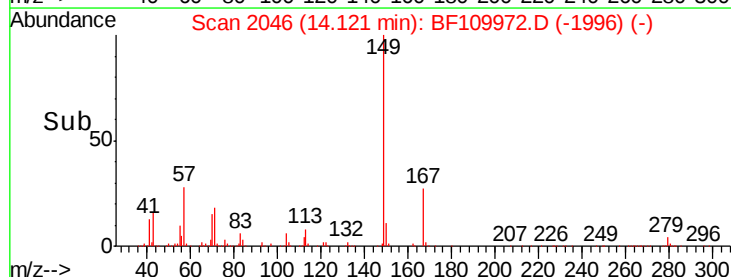
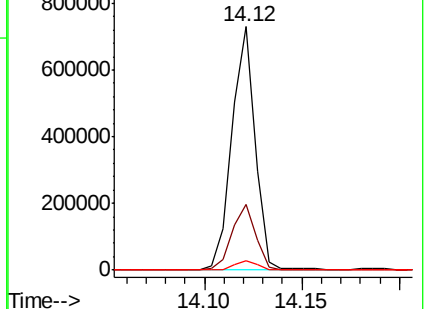
279 3.8 2.7 4.1

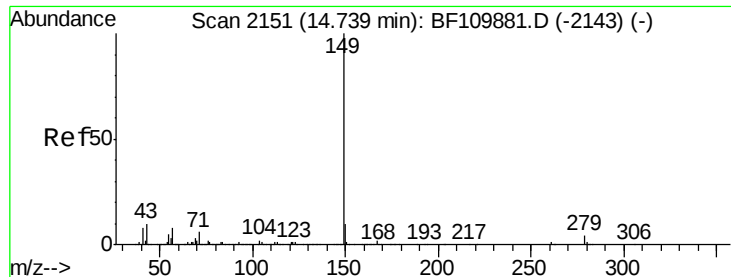


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.186 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

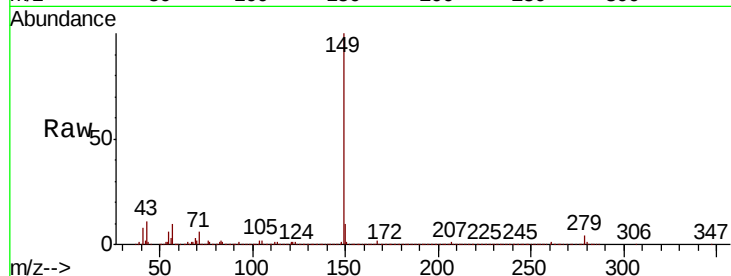
Tot Ion:149 Resp: 1083734

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

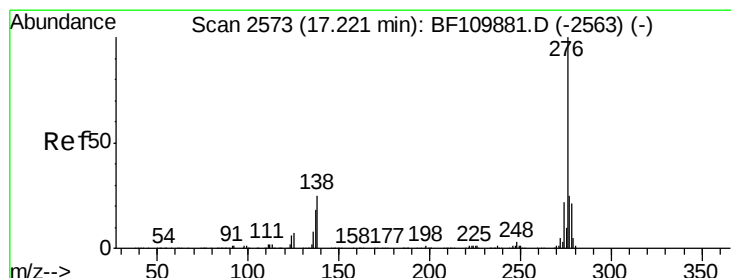
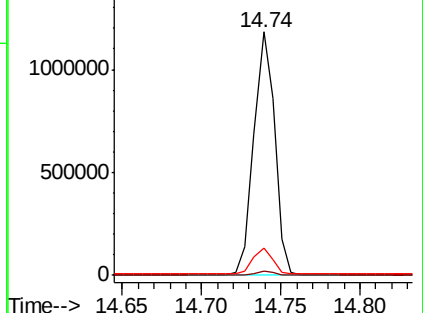
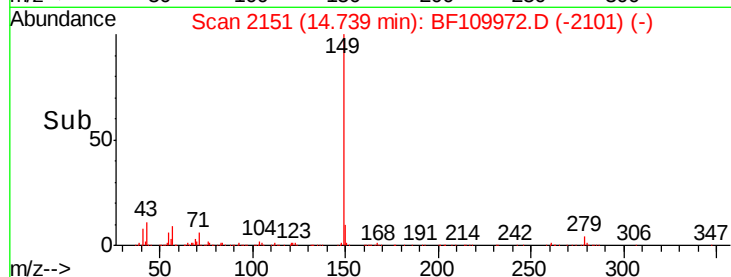
43 10.3 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 79.438 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

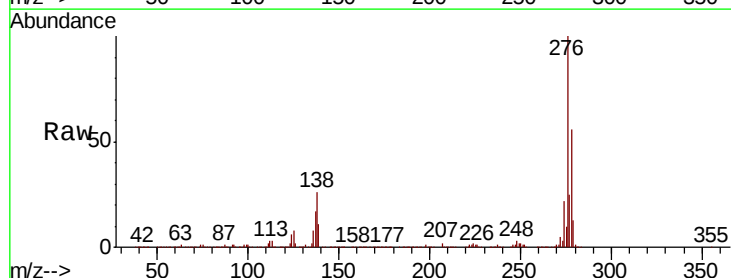
Tgt Ion:276 Resp: 1212485

Ion Ratio Lower Upper

276 100

138 28.0 18.5 27.7#

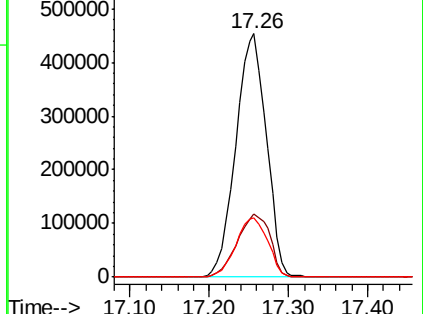
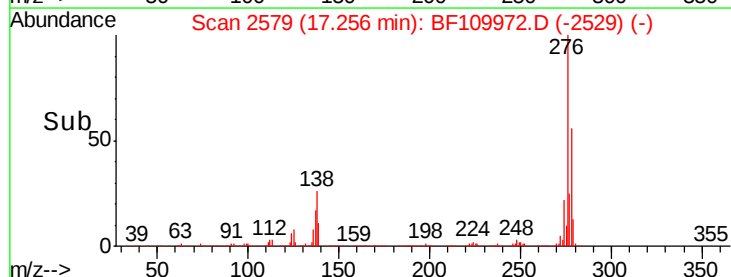
277 25.3 20.0 30.0

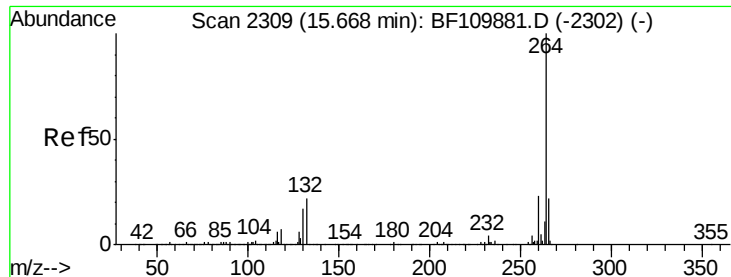


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

Instrument :

BNA_F

ClientSampleId :

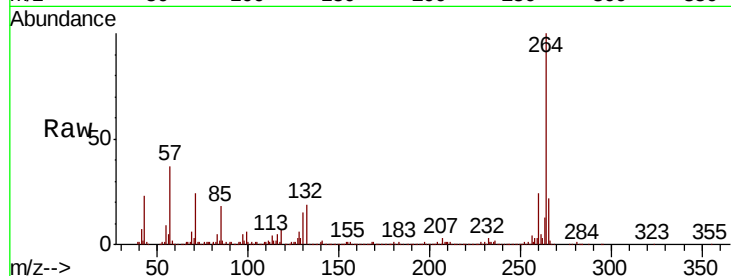
Tot Ion:264 Resp: 390512

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.5 16.7 25.1

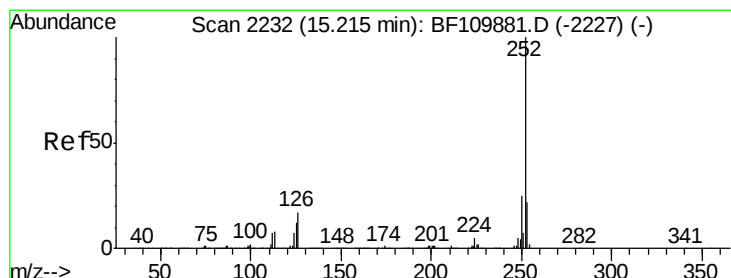
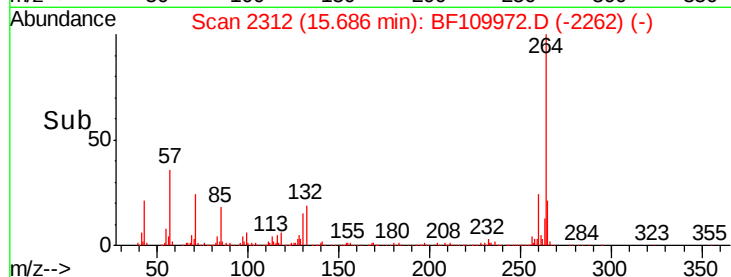
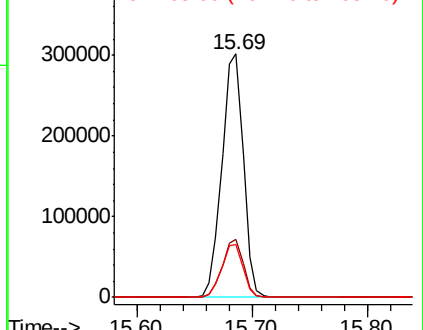


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.997 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.03 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

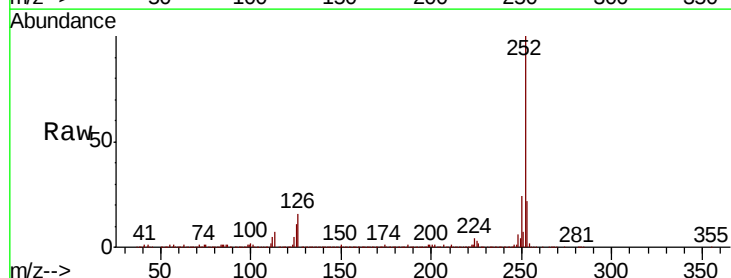
Tgt Ion:252 Resp: 900493

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.0 8.2 12.4

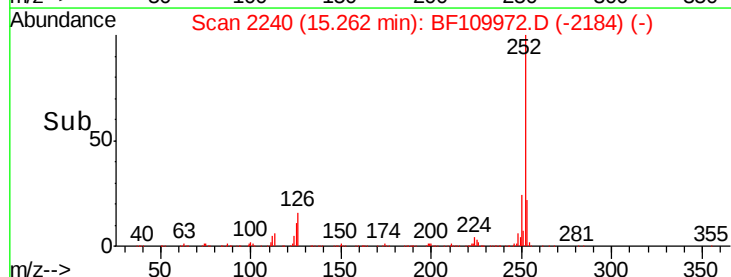
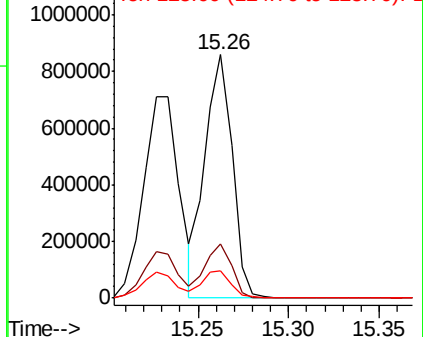


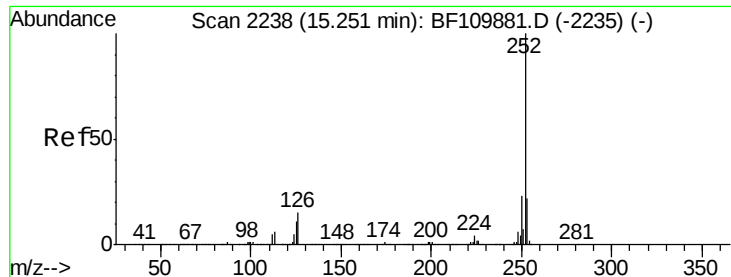
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

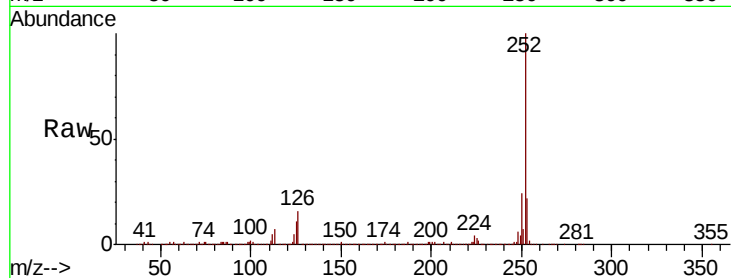




#89
Benzo(k)fluoranthene
Concen: 40.579 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.0	7.4	11.0

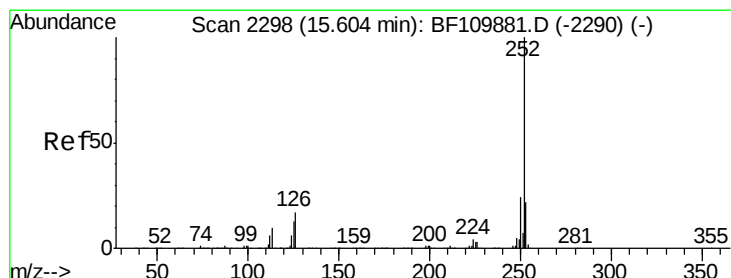
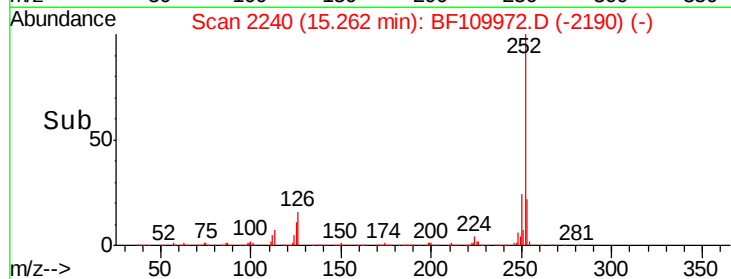
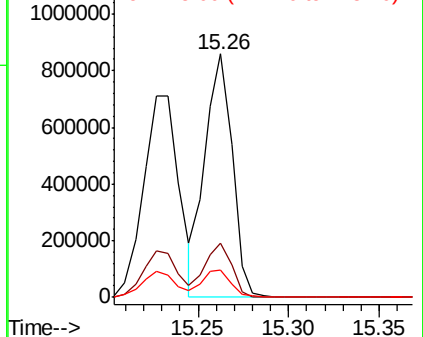


Abundance

Ion 252.00 (251.70 to 252.70): E

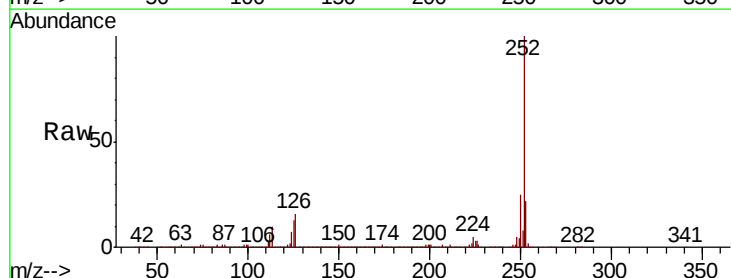
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 45.748 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.0	9.0	13.6

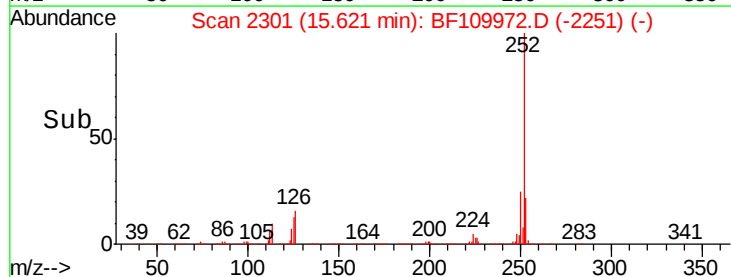
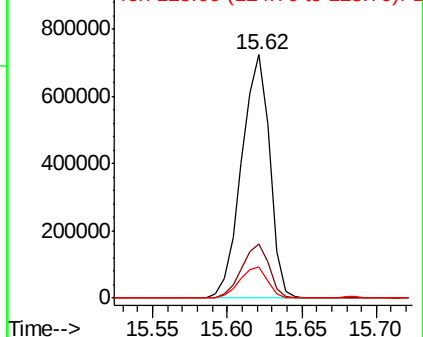


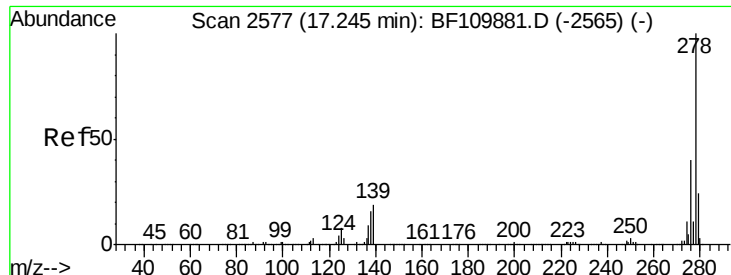
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



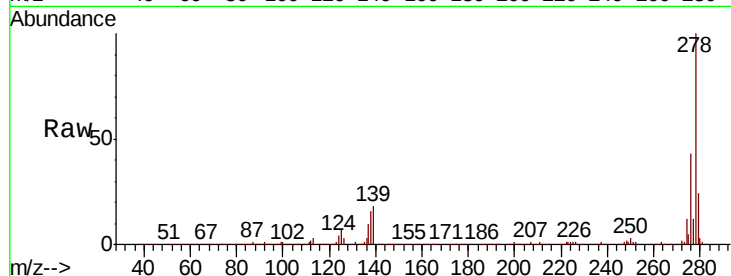


#91
Dibenzo(a,h)anthracene
Concen: 54.612 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

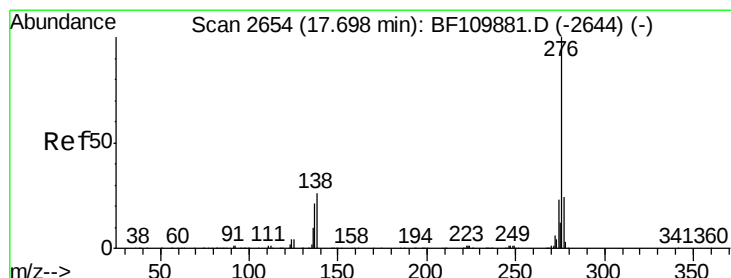
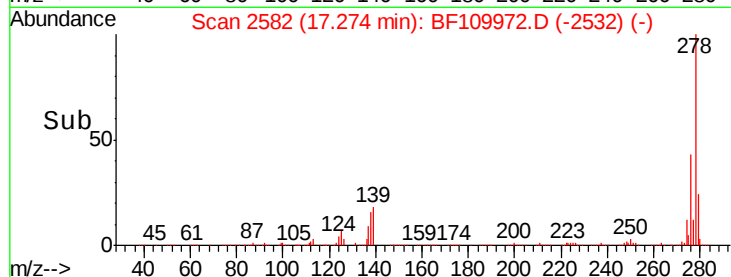
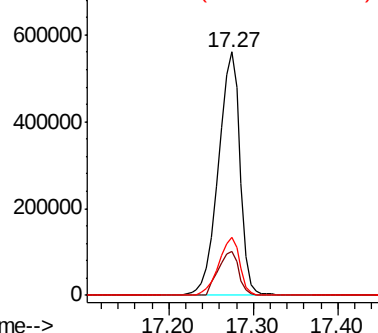
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1002162

Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.7	19.1
279	23.8	19.0	28.4



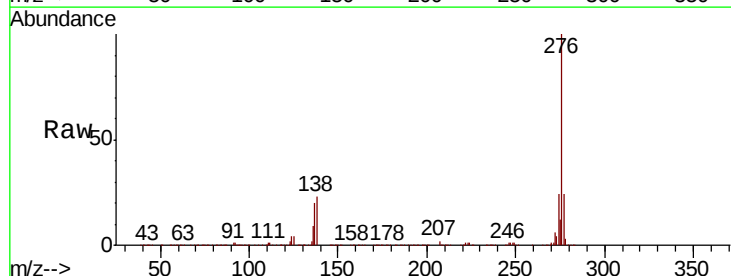
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.742 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:276 Resp: 1033493

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.4	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

