

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 02:25:25 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
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
41) Hexachlorocyclopentadiene	9.13	237	458825	112.186	ng	98

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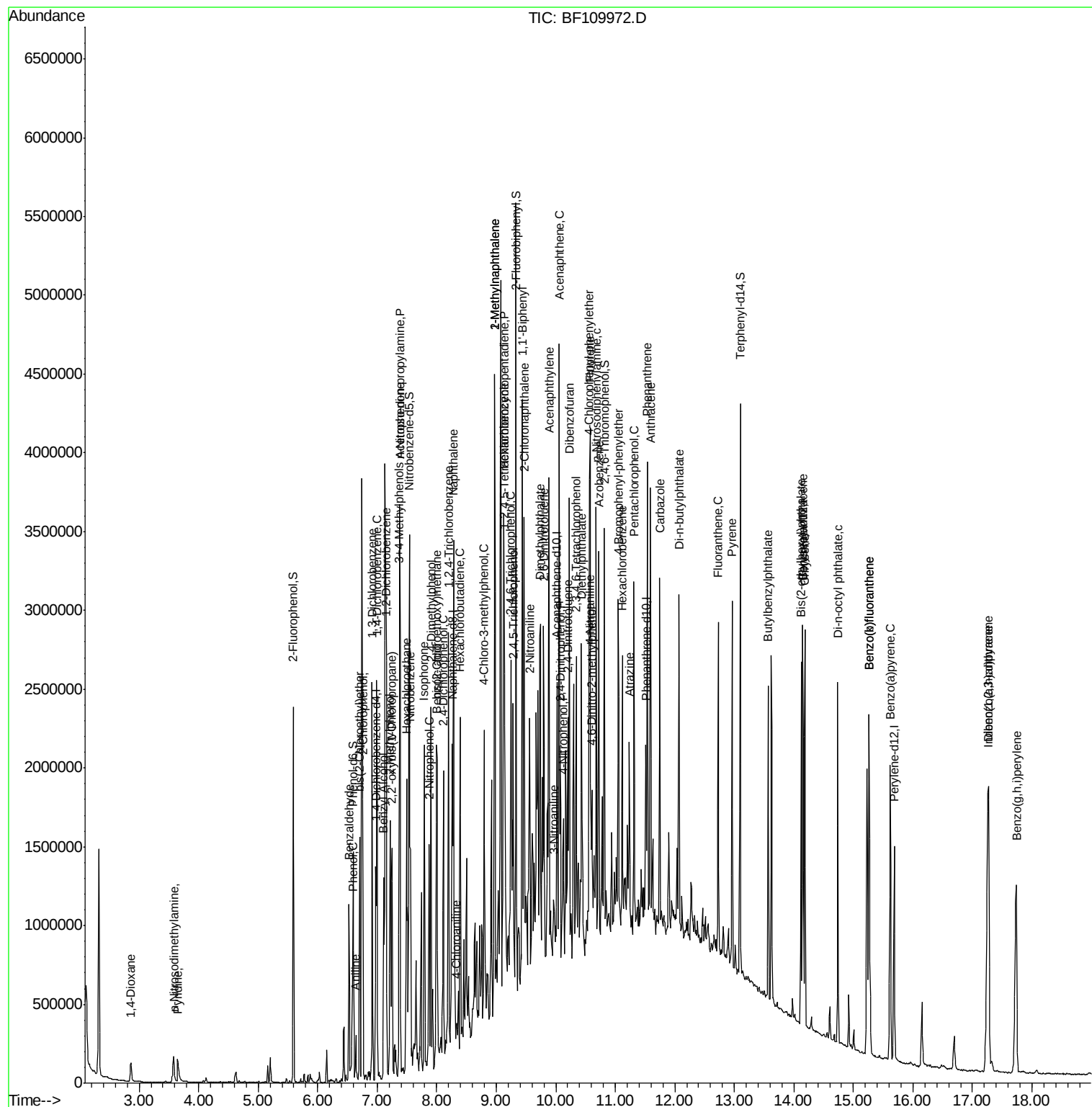
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.25	196	230665	43.534	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	233723	42.502	nq	95
46) 1,1'-Biphenyl	9.44	154	1037415	42.325	nq	100
47) 2-Chloronaphthalene	9.47	162	770377	42.669	nq	100
48) 2-Nitroaniline	9.56	65	214378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

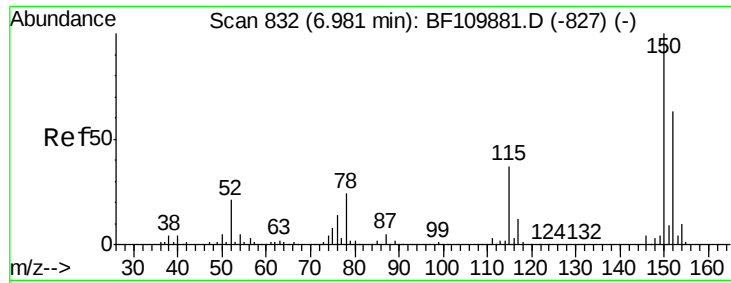
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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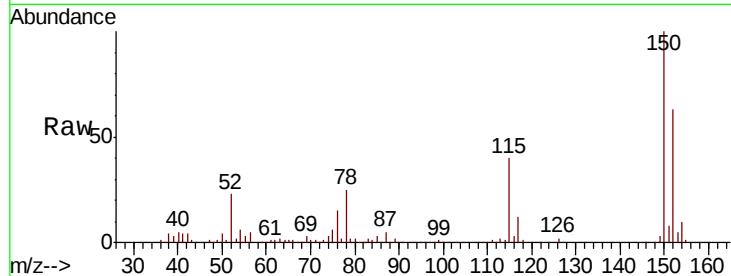


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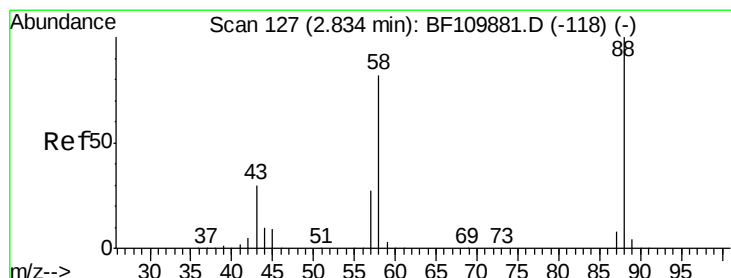
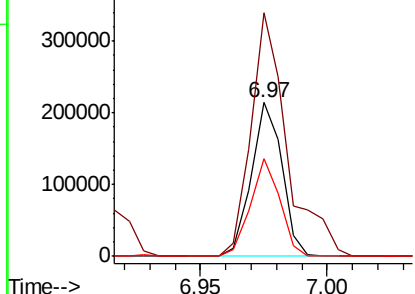
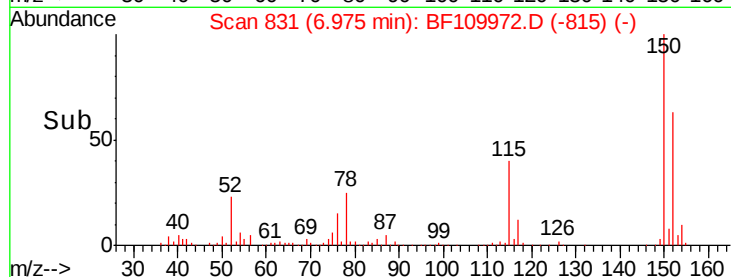
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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



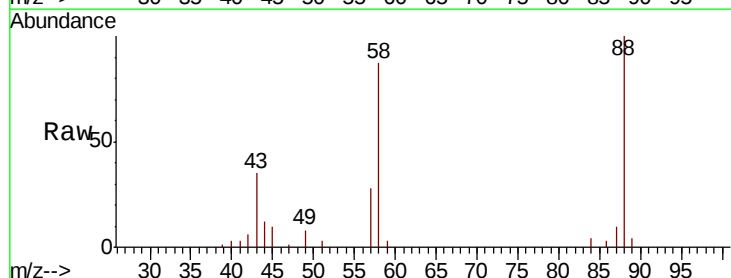
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



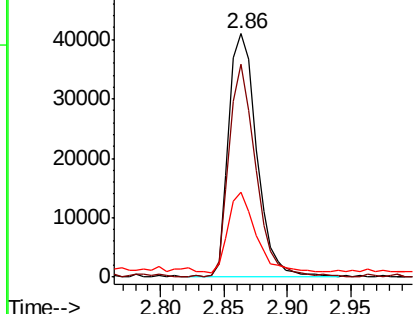
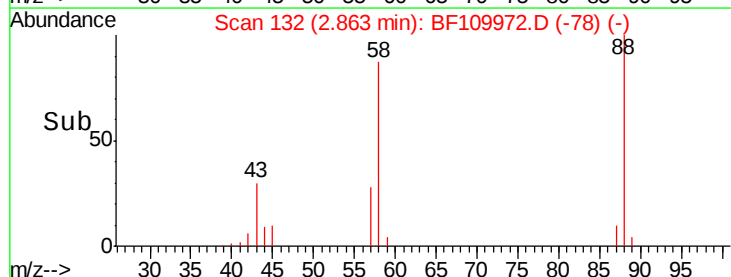
#2

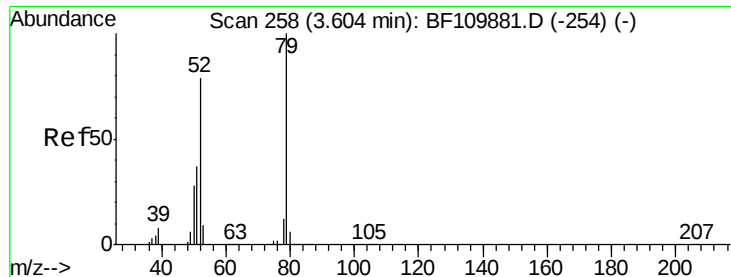
1,4-Dioxane
Concen: 9.781 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.02 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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 :

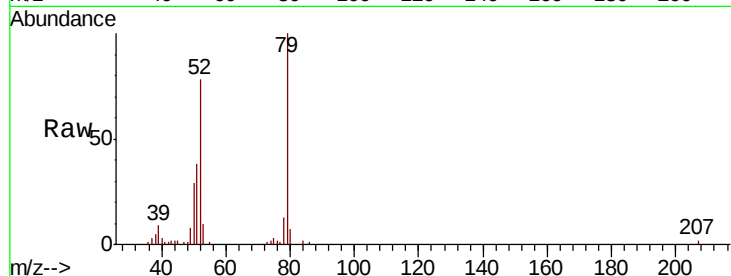
Tot Ion: 79 Resp: 102047

Ion Ratio Lower Upper

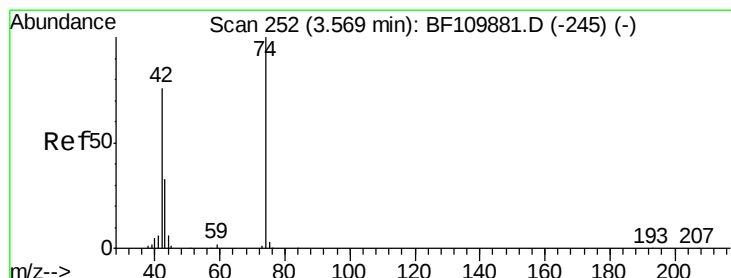
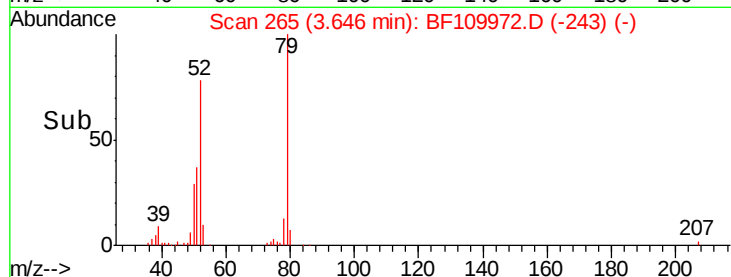
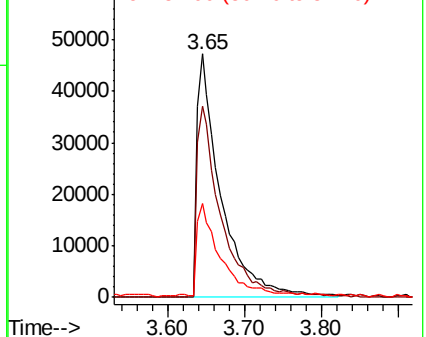
79 100

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

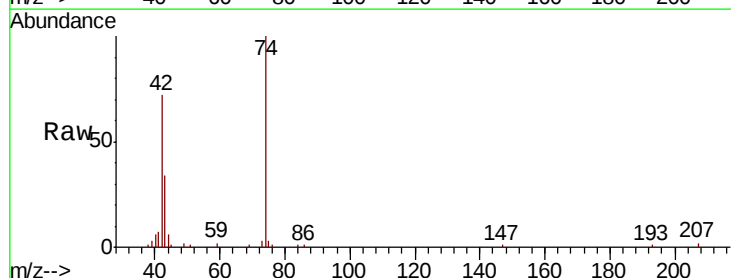
Tgt Ion: 42 Resp: 81053

Ion Ratio Lower Upper

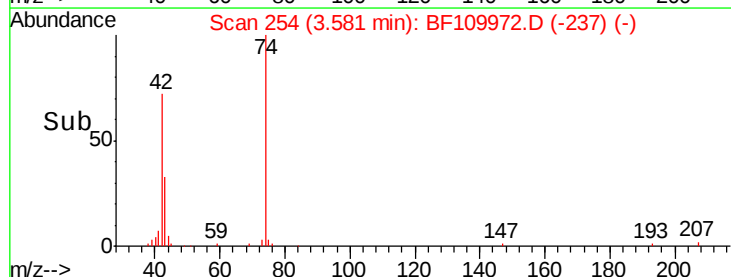
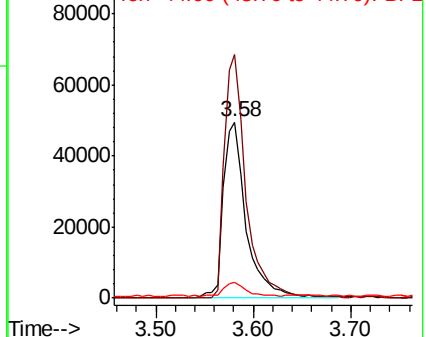
42 100

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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ClientSampleId :

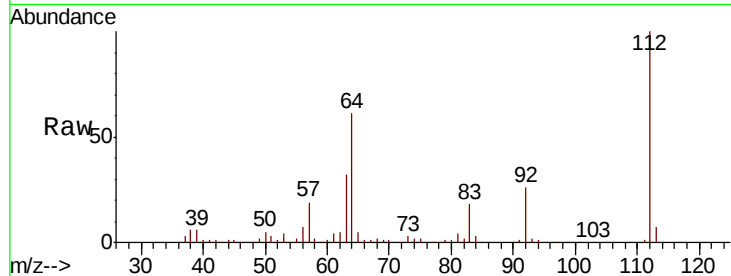
Tot Ion:112 Resp: 596224

Ion Ratio Lower Upper

112 100

64 60.5 44.1 66.1

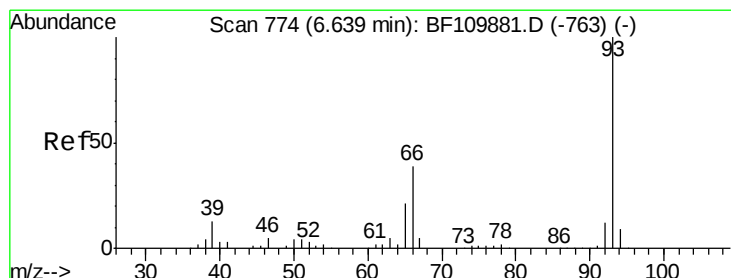
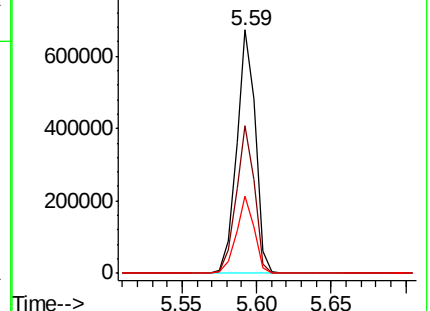
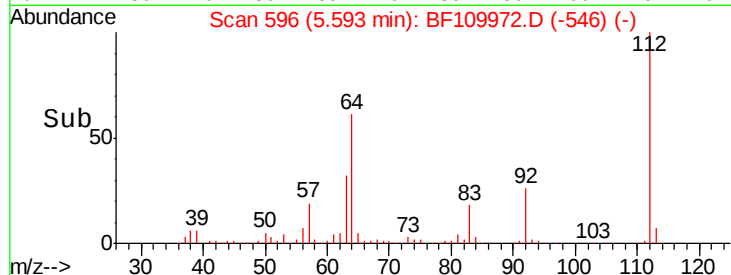
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

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

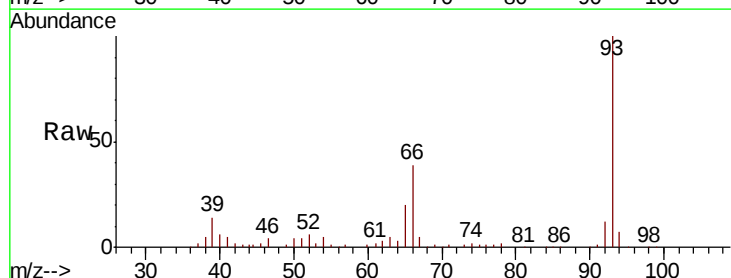
Tgt Ion: 93 Resp: 118637

Ion Ratio Lower Upper

93 100

66 39.2 67.4 101.0#

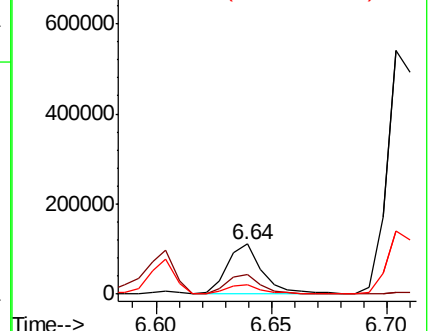
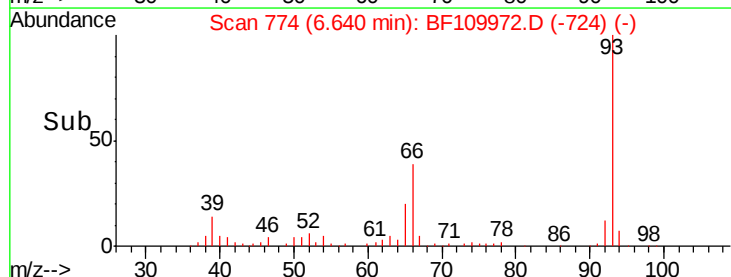
65 19.5 41.0 61.4#

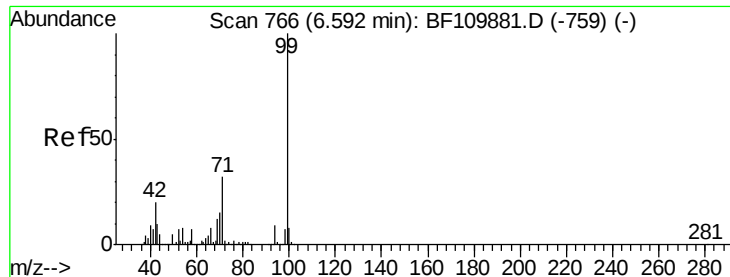


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Acq: 18 Oct 2018 21:25

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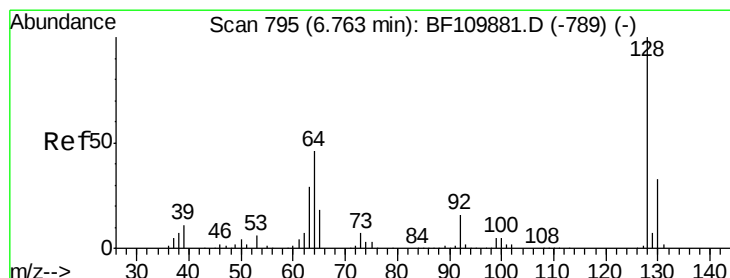
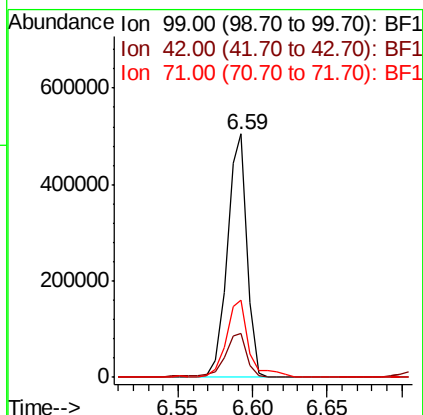
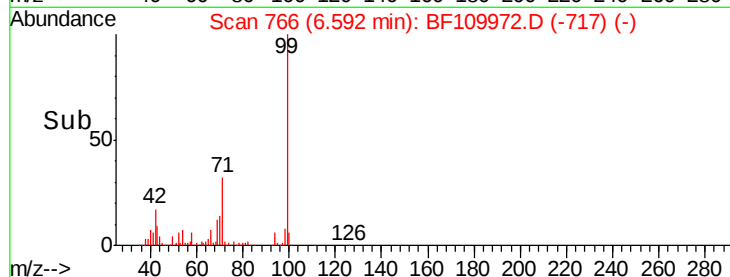
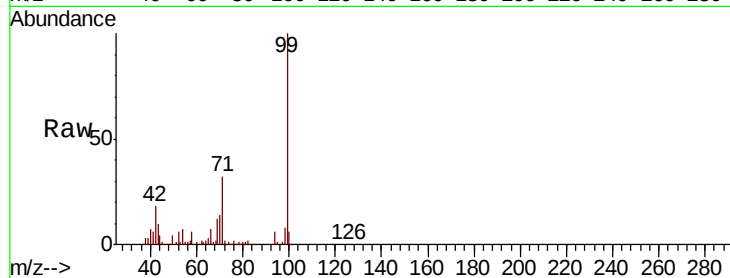
Tot Ion: 99 Resp: 470656

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

71 31.6 28.0 42.0



#8

2-Chlorophenol

Concen: 30.542 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109972.D

Acq: 18 Oct 2018 21:25

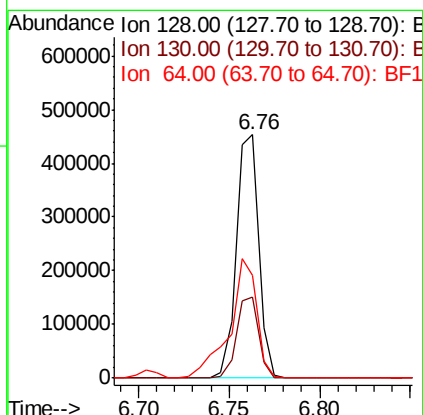
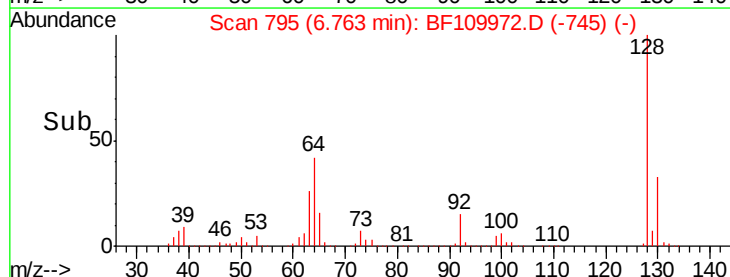
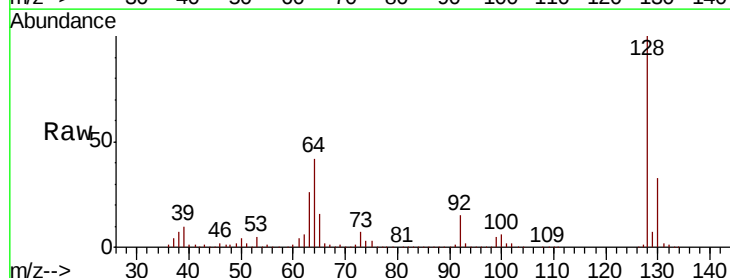
Tgt Ion: 128 Resp: 390084

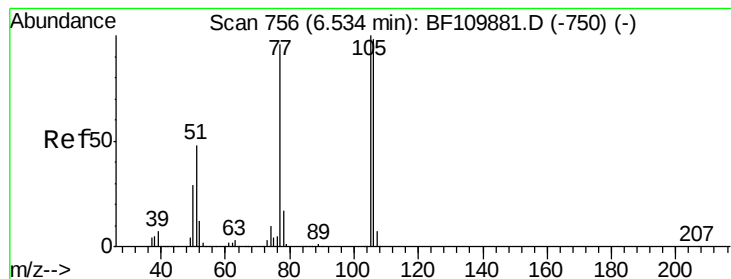
Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

64 42.2 26.0 66.0





#9

Benzaldehyde

Concen: 19.416 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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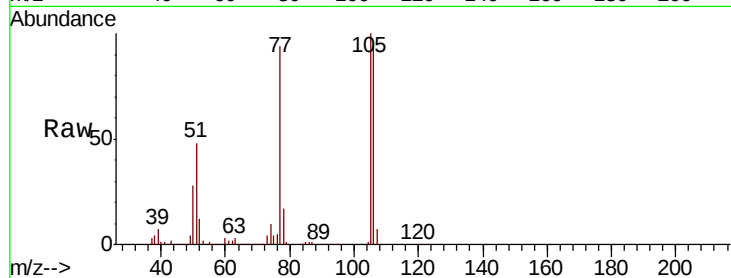
Tot Ion: 77 Resp: 178643

Ion Ratio Lower Upper

77 100

105 105.9 78.6 118.6

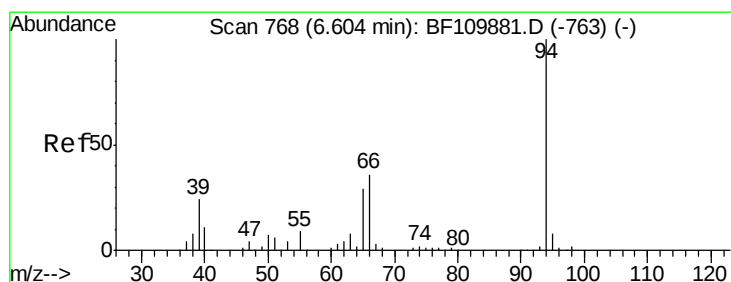
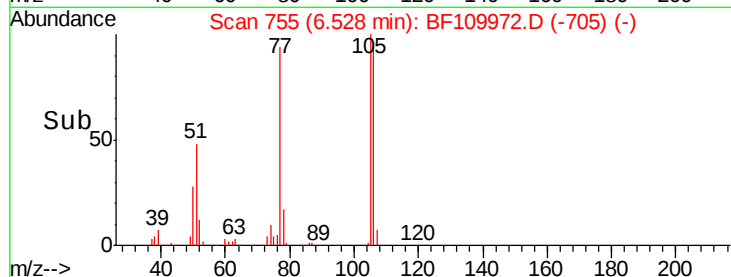
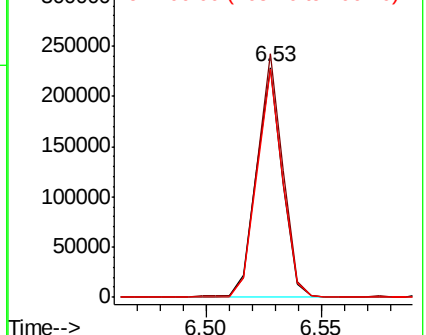
106 99.3 74.8 114.8



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

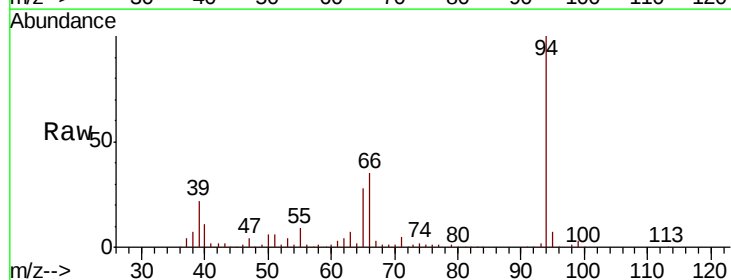
Tgt Ion: 94 Resp: 210368

Ion Ratio Lower Upper

94 100

65 28.1 25.3 65.3

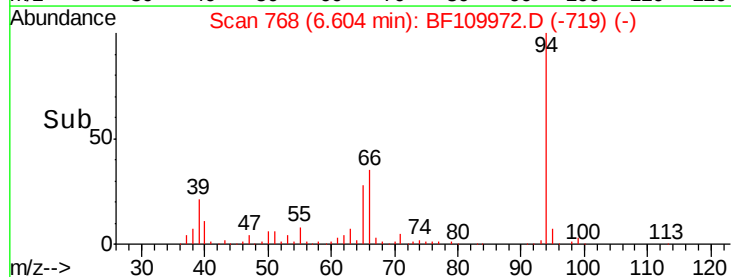
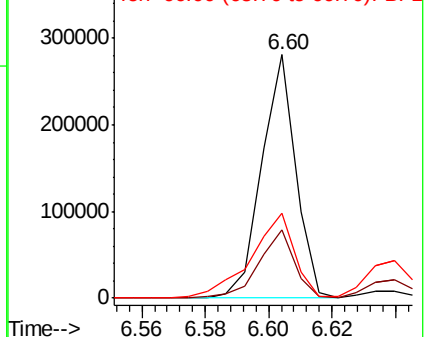
66 35.1 54.5 94.5#

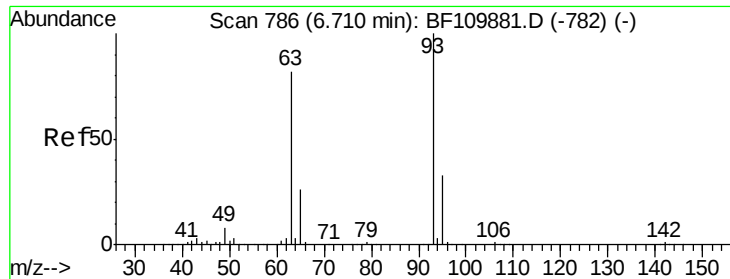


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

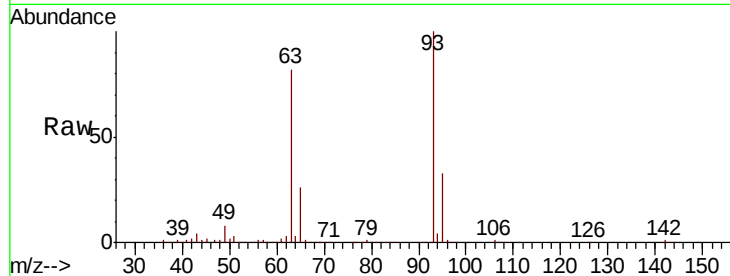




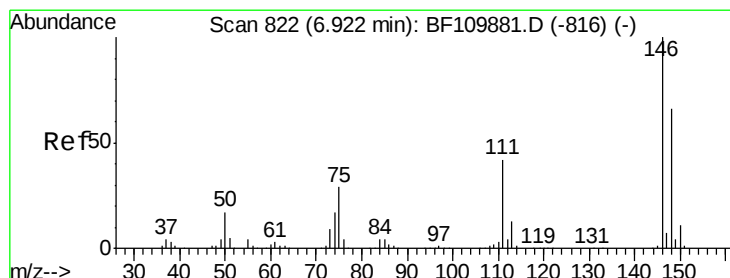
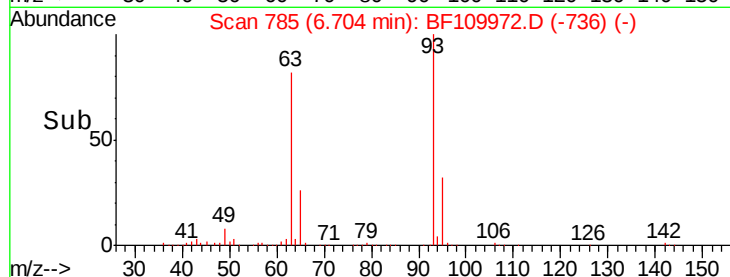
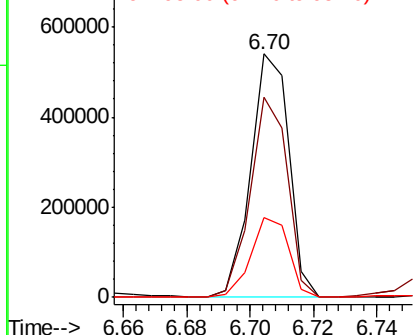
#11
bis(2-Chloroethyl)ether
Concen: 35.307 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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

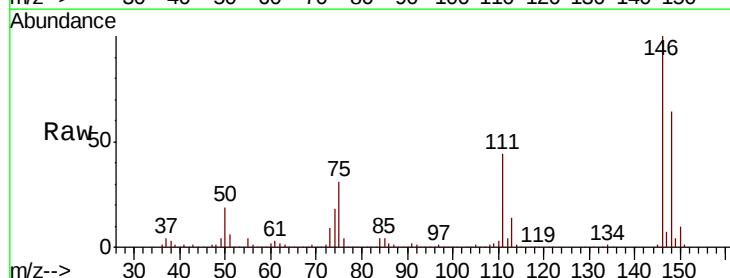


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

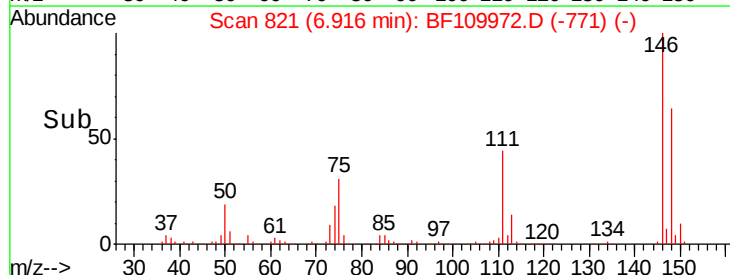
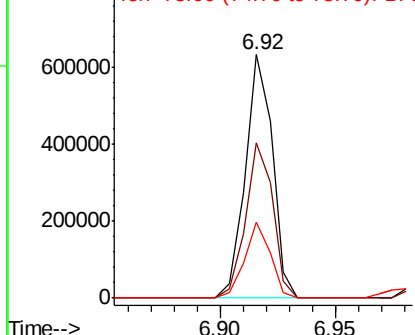


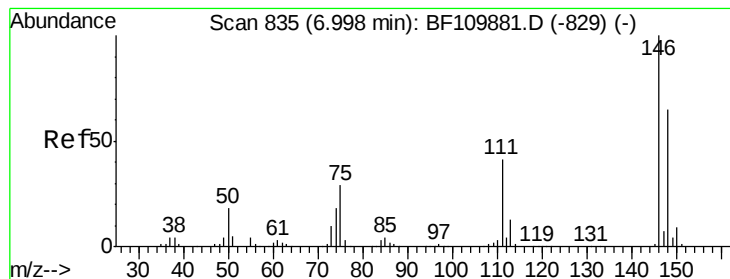
#12
1,3-Dichlorobenzene
Concen: 37.302 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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 :

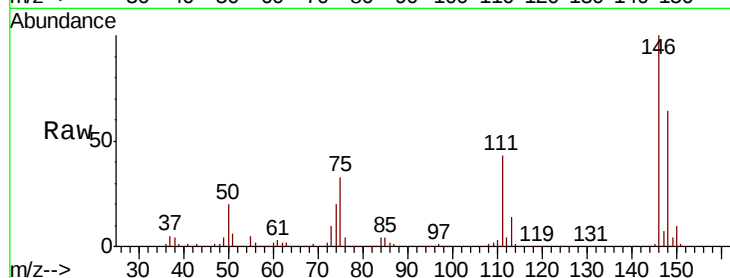
Tot Ion:146 Resp: 517721

Ion Ratio Lower Upper

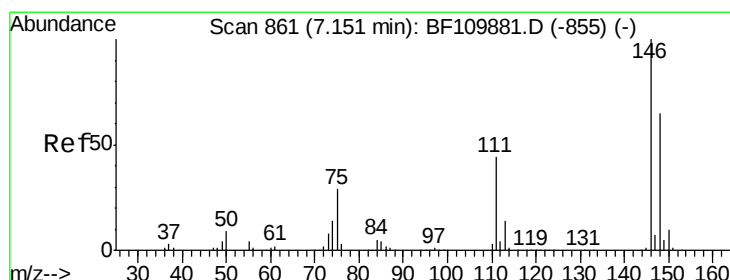
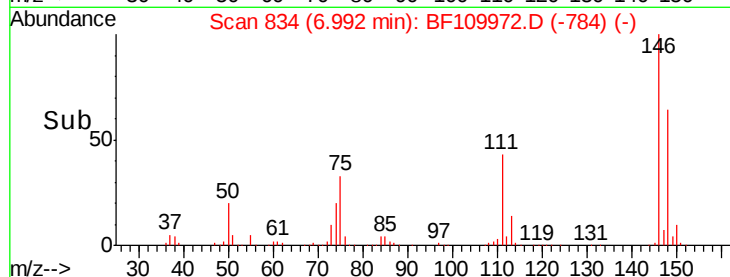
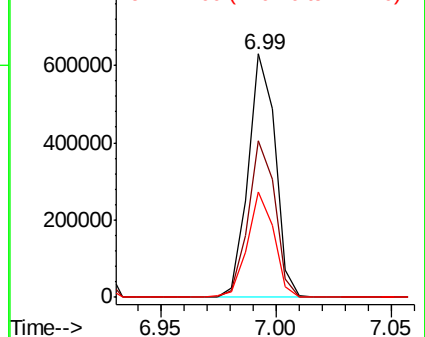
146 100

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

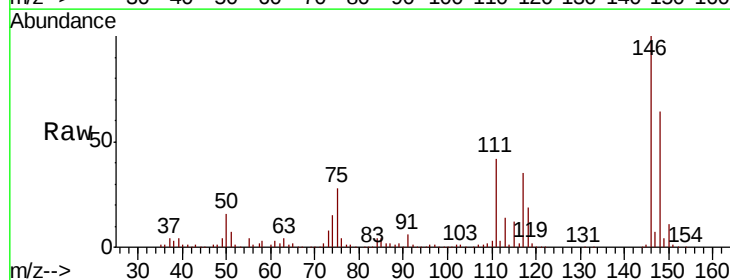
Tgt Ion:146 Resp: 482328

Ion Ratio Lower Upper

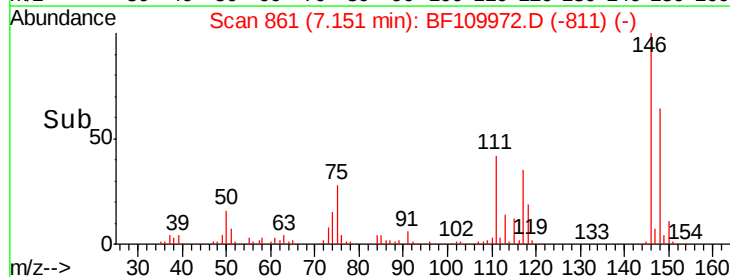
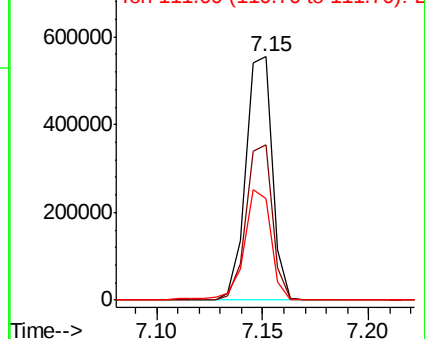
146 100

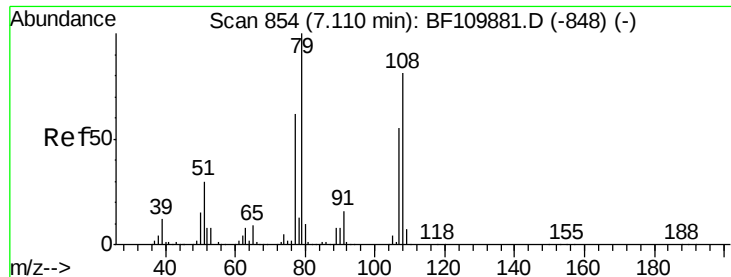
148 63.6 51.1 76.7

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 :

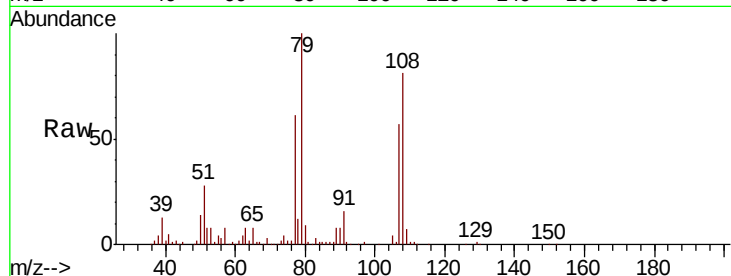
Tot Ion: 79 Resp: 231660

Ion Ratio Lower Upper

79 100

108 81.4 56.3 84.5

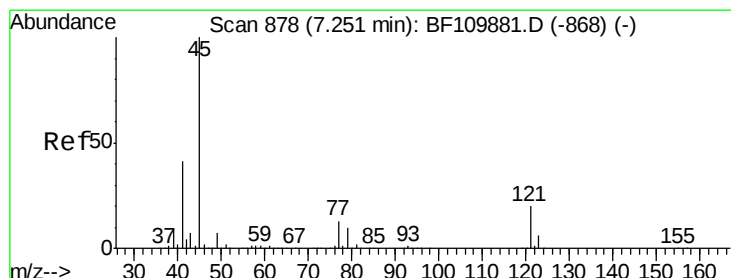
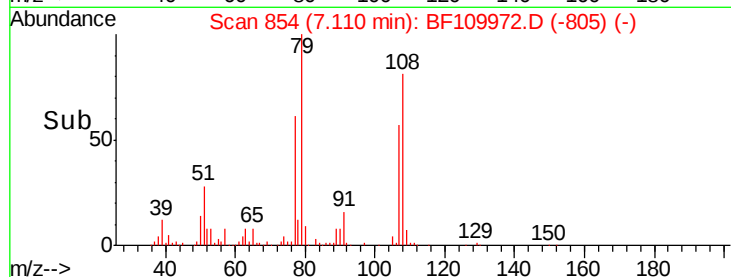
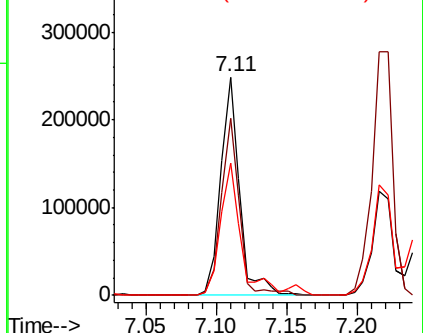
77 60.6 52.9 79.3



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

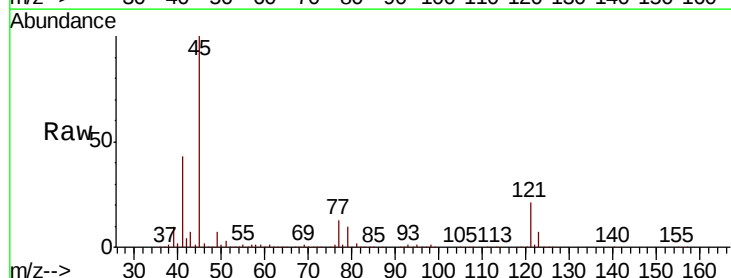
Tgt Ion: 45 Resp: 747280

Ion Ratio Lower Upper

45 100

77 12.7 10.0 50.0

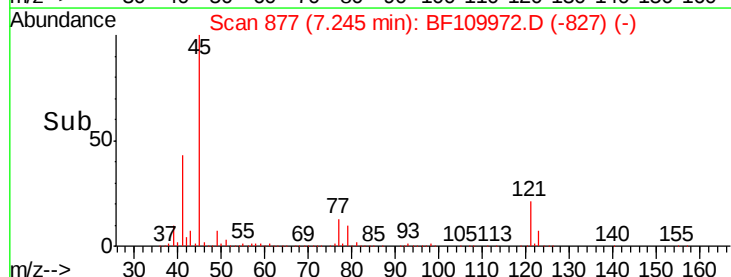
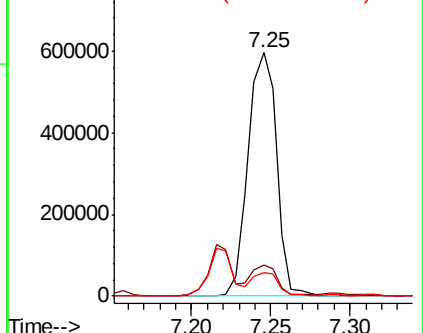
79 9.8 6.1 46.1

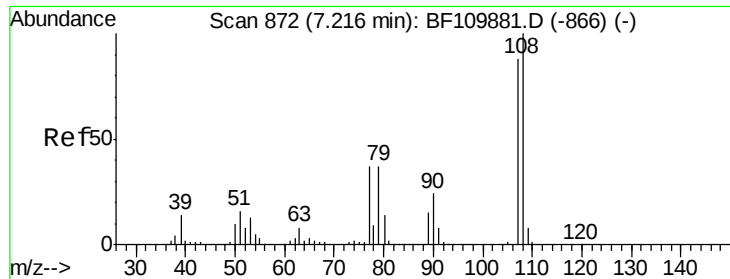


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

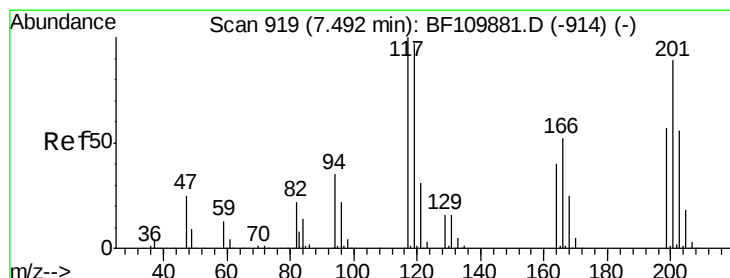
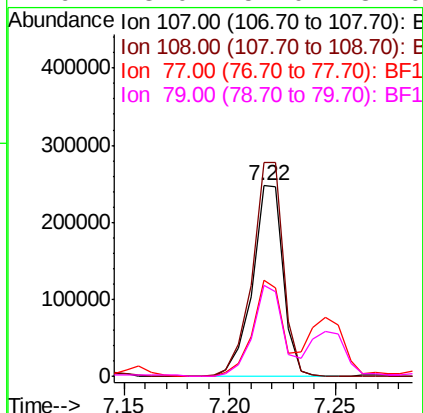
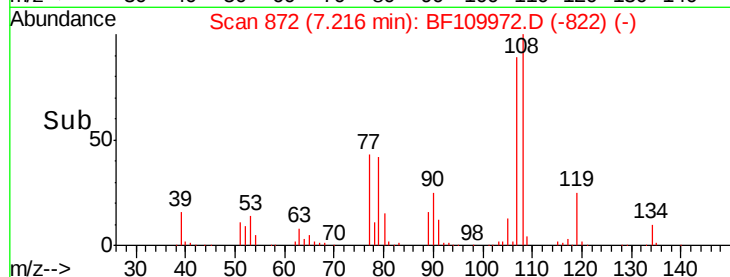
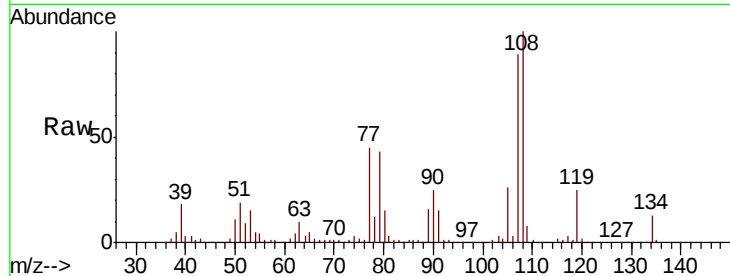




#17
2-Methylphenol
Concen: 24.417 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

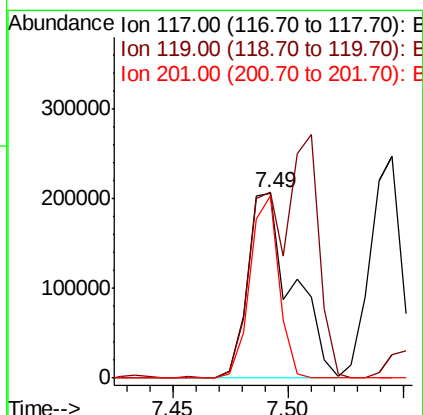
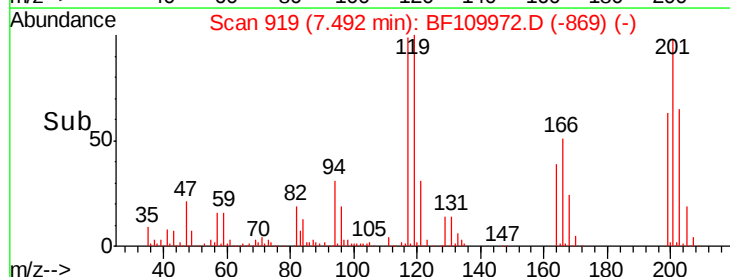
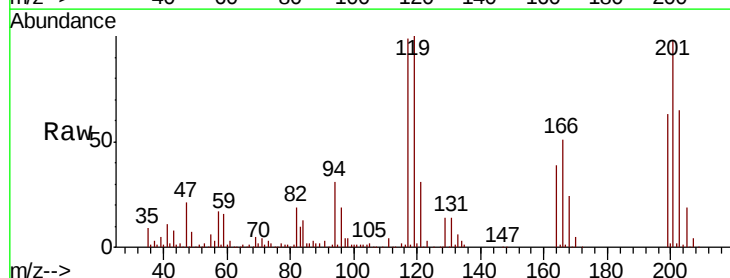
Instrument :
BNA_F
ClientSampleId :

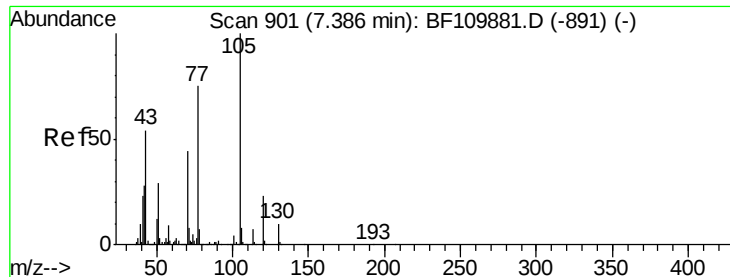
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.6	138.8
77	50.8	59.4	89.2#
79	48.0	54.0	81.0#



#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	Ratio	Lower	Upper
117	100		
119	100.8	75.0	112.6
201	98.4	79.2	118.8

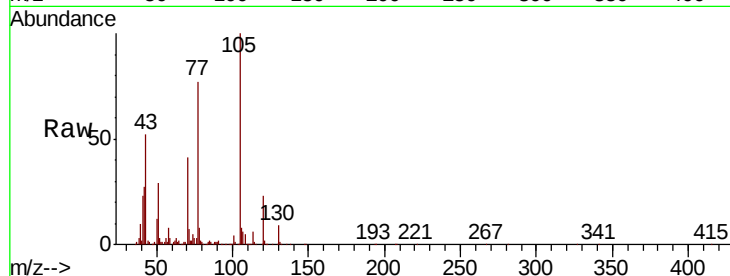




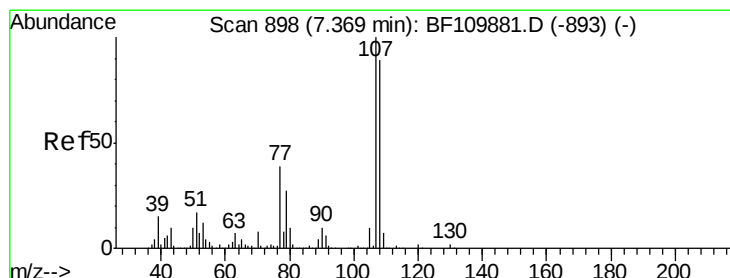
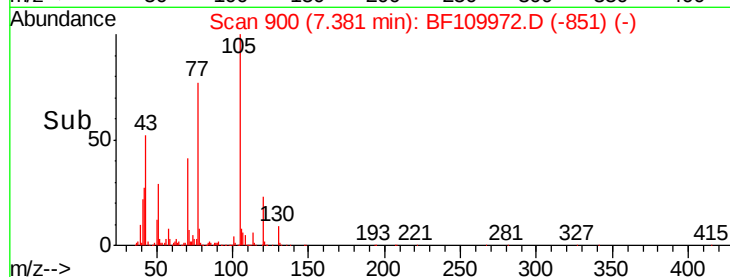
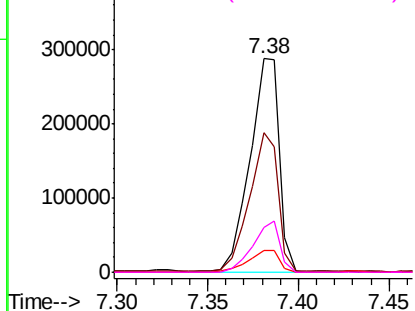
#19
n-Nitroso-di-n-propylamine
Concen: 35.431 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	322089
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

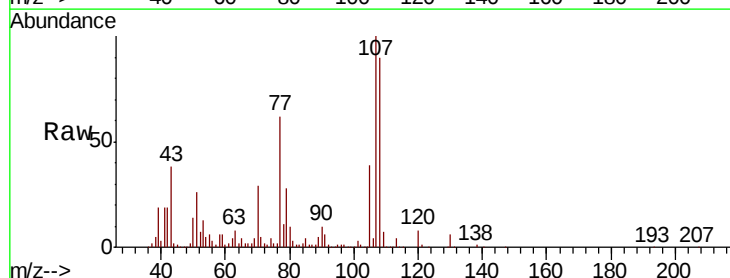


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

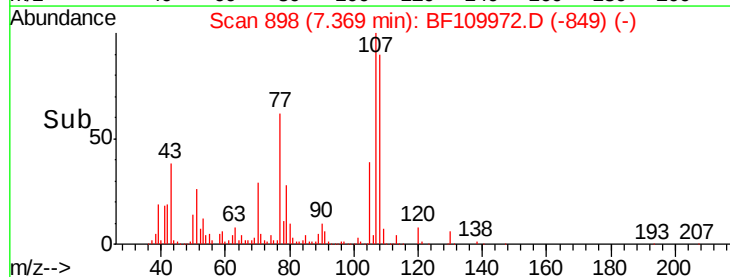
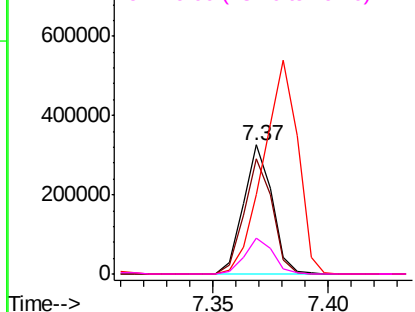


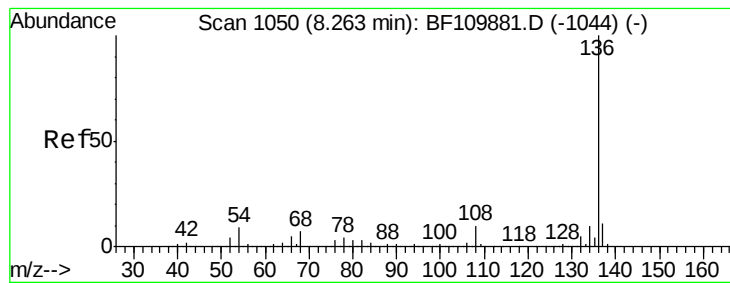
#20
3+4-Methylphenols
Concen: 21.575 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:	107	Resp:	281972
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): E
Ion 108.00 (107.70 to 108.70): E
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

ClientSampleId :

Tot Ion:136 Resp: 655053

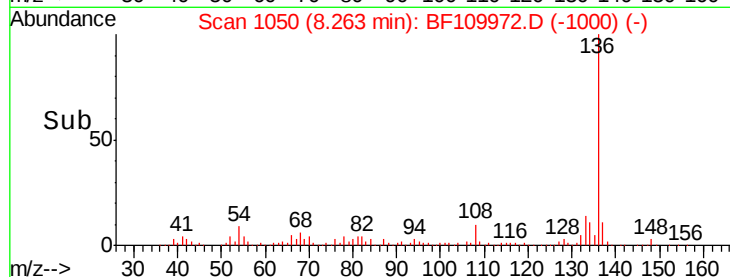
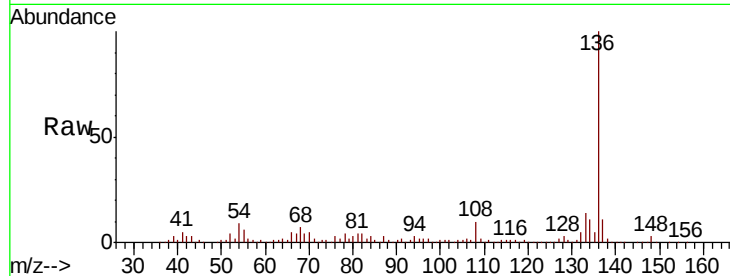
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 5.4 8.2#

68 6.6 4.2 6.2#



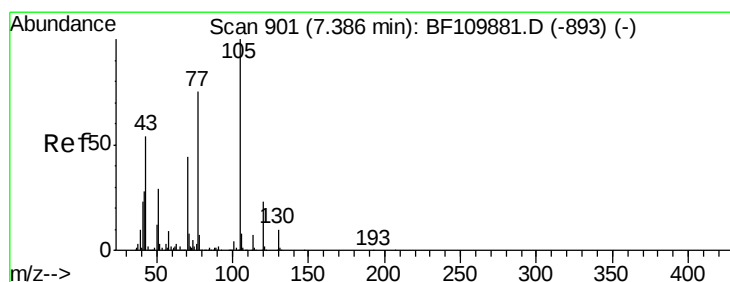
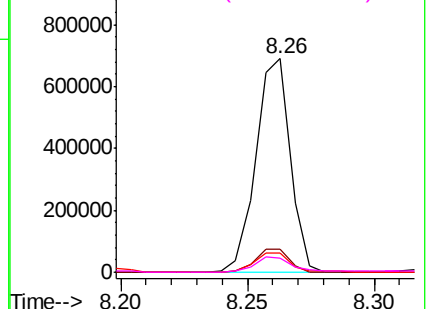
Abundance

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

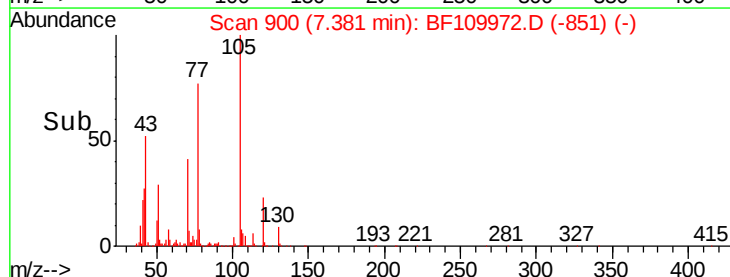
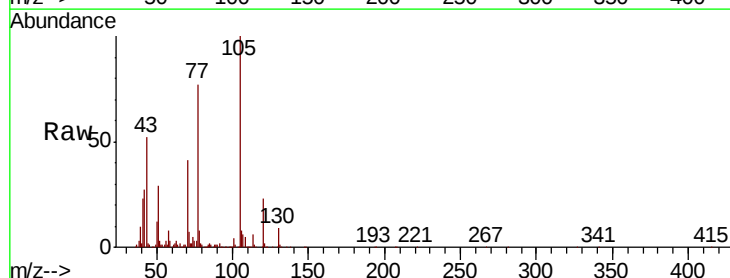
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 29.0 21.8 32.8

120 22.8 17.0 25.4



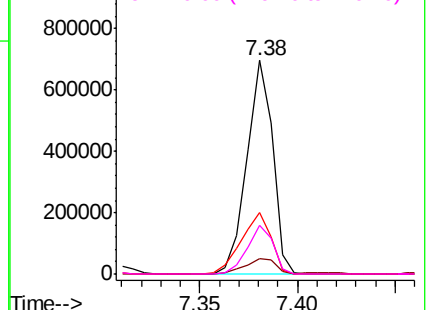
Abundance

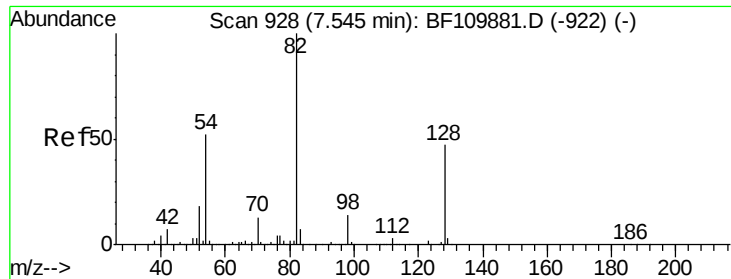
Ion 105.00 (104.70 to 105.70): E

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

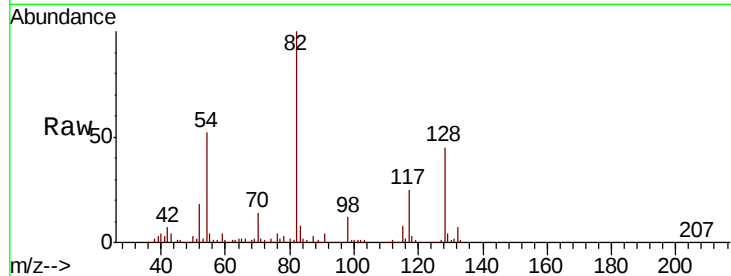




#23
Nitrobenzene-d5
Concen: 98.498 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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

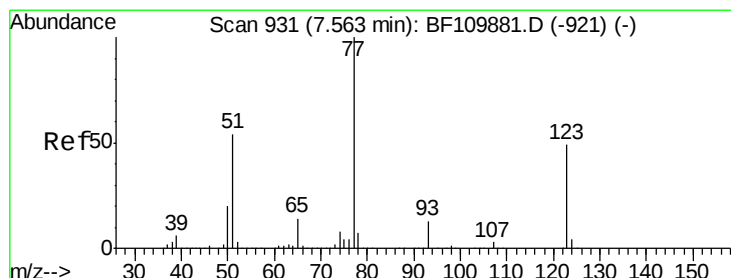
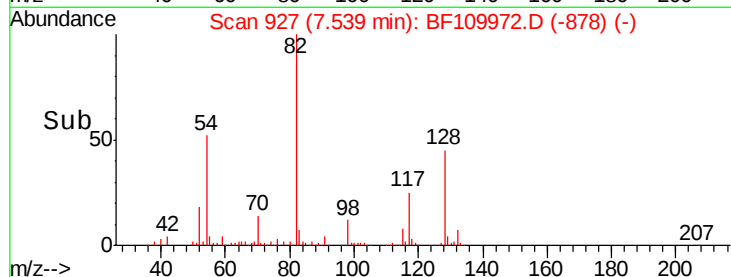
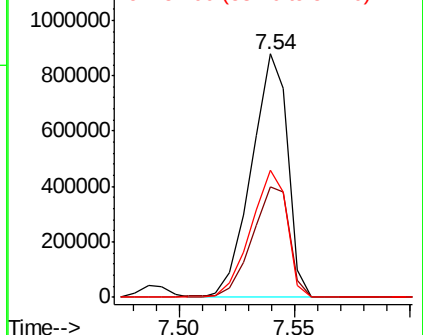


Abundance

Ion 82.00 (81.70 to 82.70): BF1

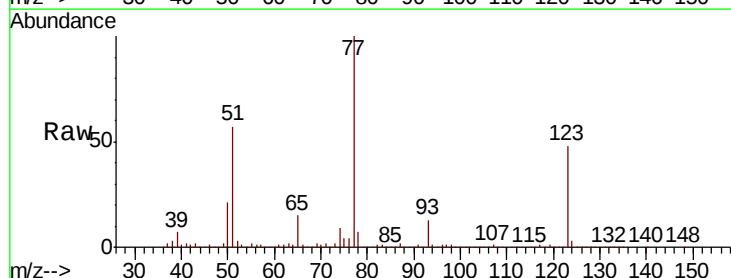
Ion 128.00 (127.70 to 128.70): BF1

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

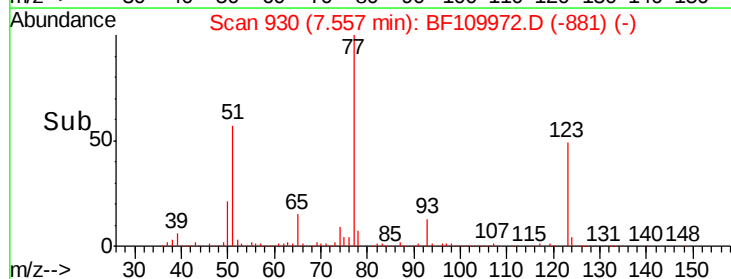
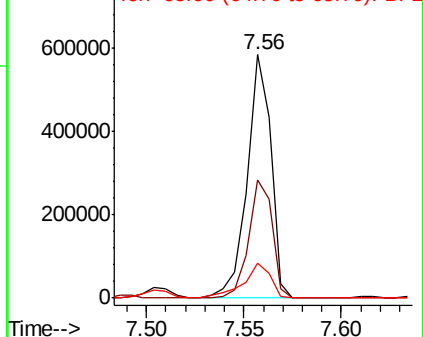


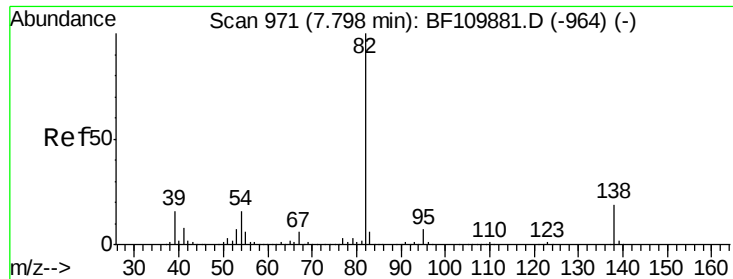
Abundance

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

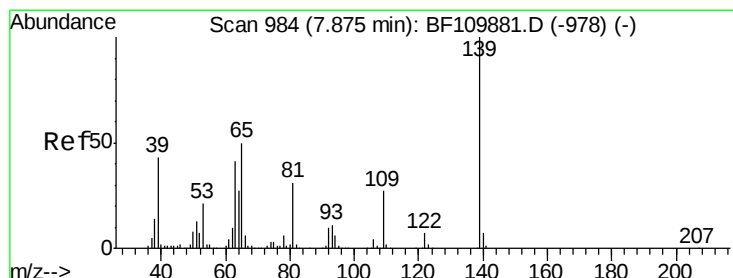
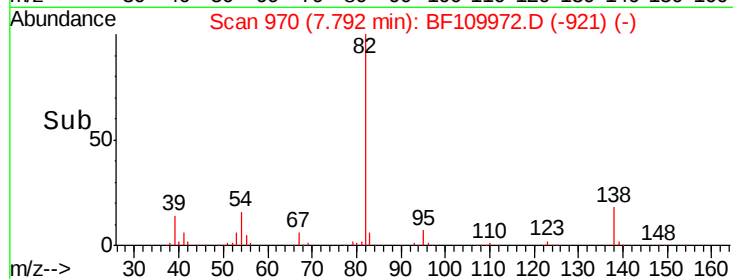
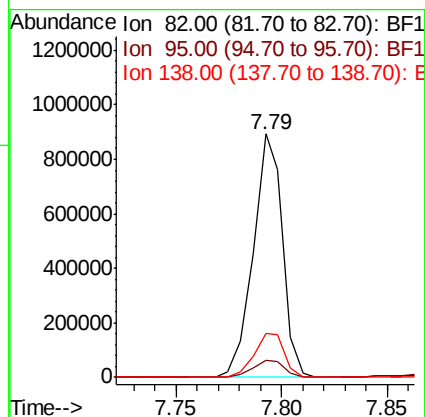
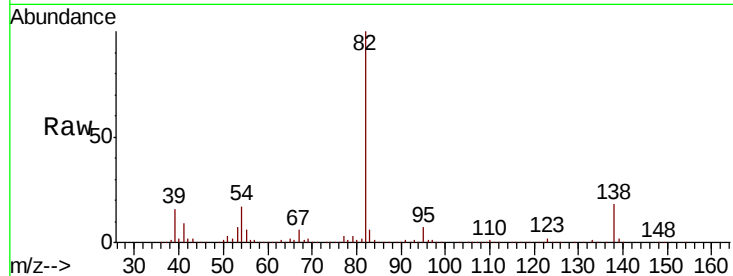




#25
Isophorone
Concen: 44.621 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

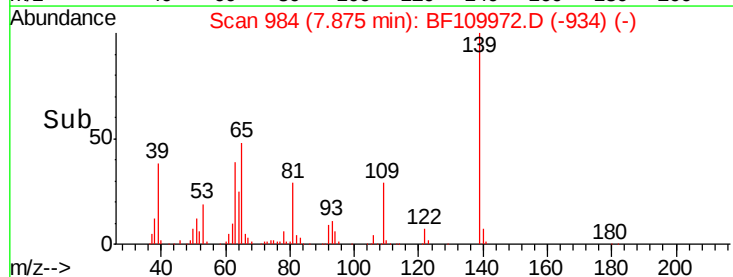
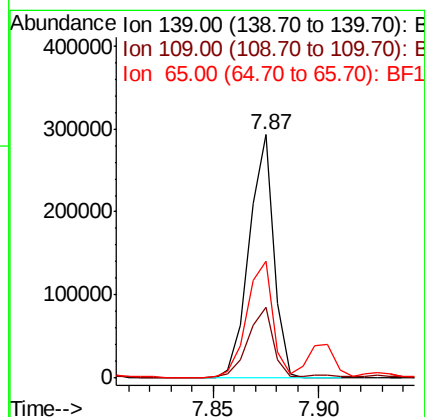
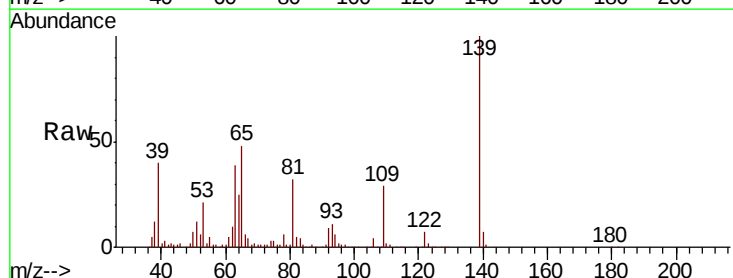
Instrument :
BNA_F
ClientSampleId :

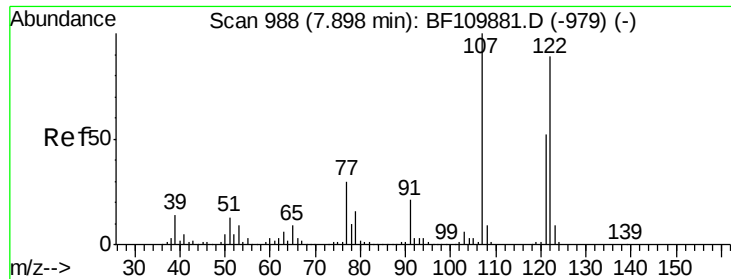
Tot Ion: 82 Resp: 852561
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.3 13.2 19.8



#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





#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 :

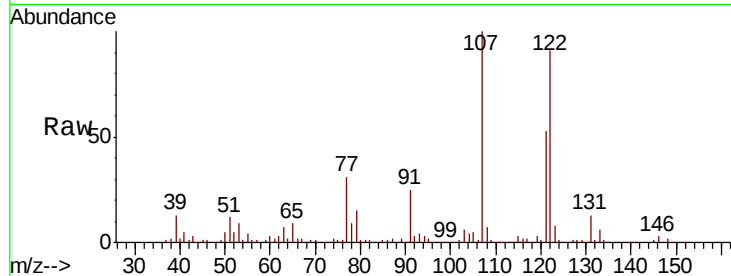
Tot Ion:122 Resp: 369949

Ion Ratio Lower Upper

122 100

107 110.3 92.5 138.7

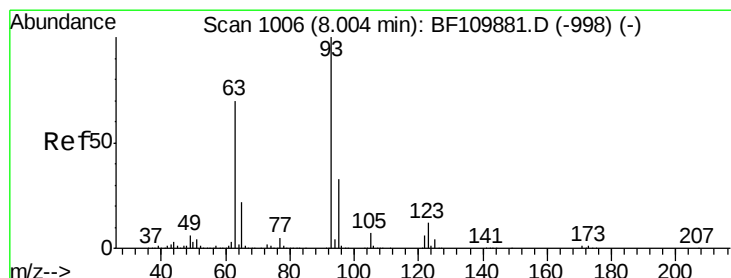
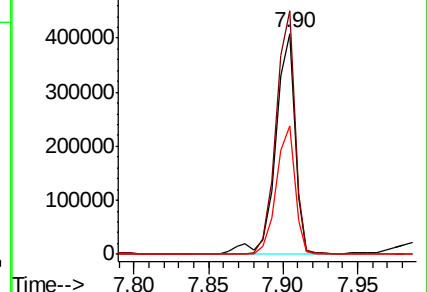
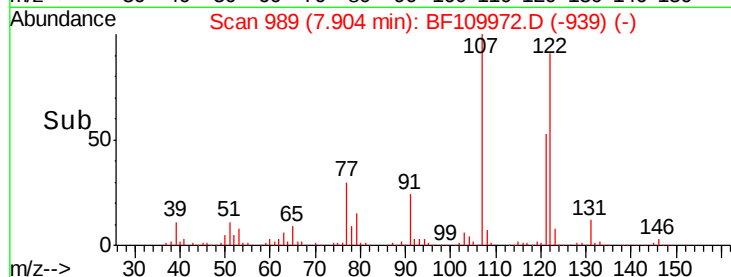
121 58.0 45.8 68.8



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

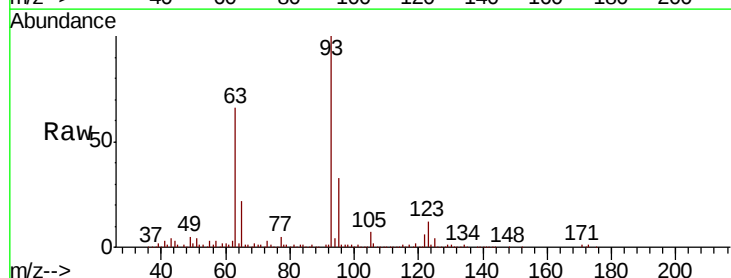
Tgt Ion: 93 Resp: 544574

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

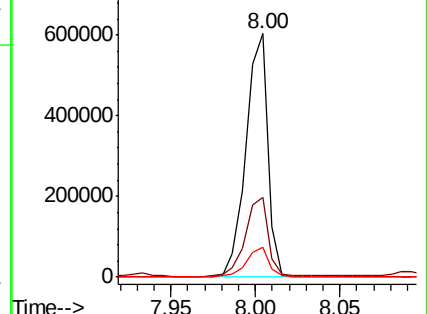
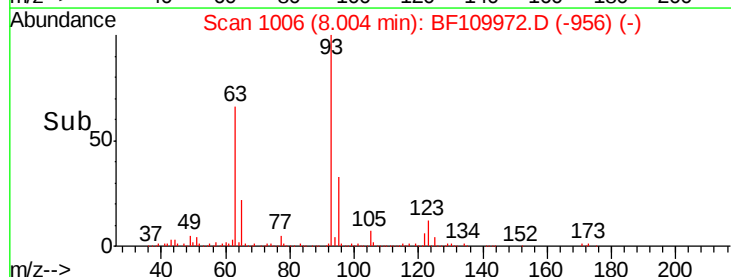
123 12.1 9.0 13.6

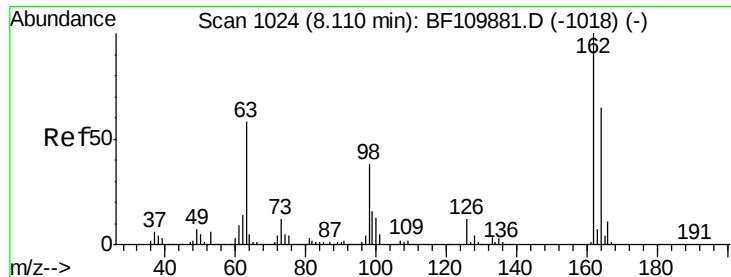


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

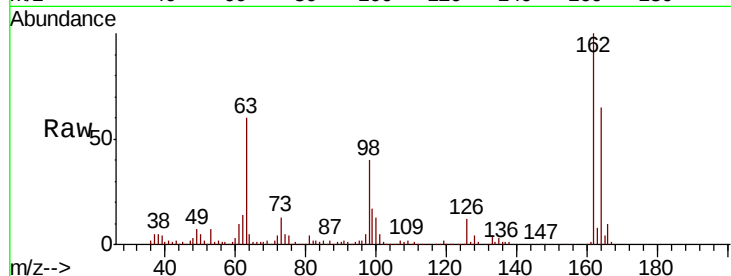




#29
2,4-Dichlorophenol
Concen: 39.109 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	162	Resp	349157
Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	40.0	17.4	57.4

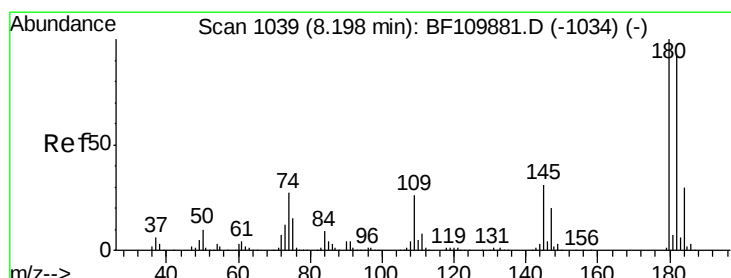
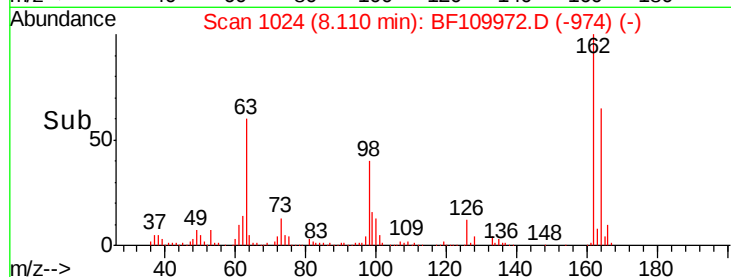
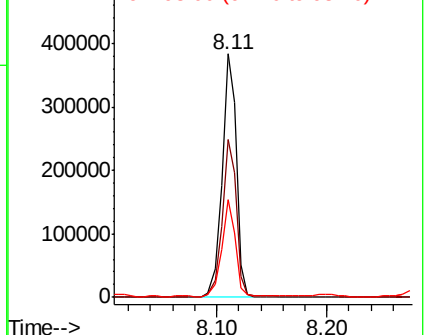


Abundance

Ion 162.00 (161.70 to 162.70): E

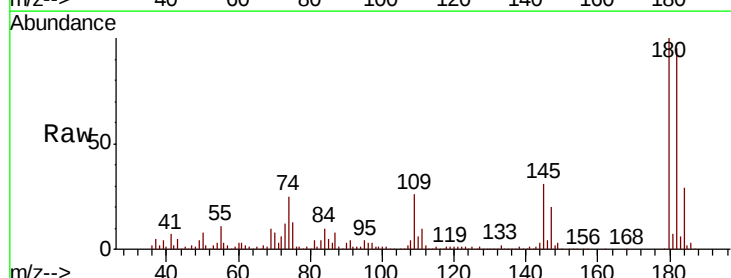
Ion 164.00 (163.70 to 164.70): E

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	180	Resp	414419
Ion	Ratio	Lower	Upper
180	100		
182	95.4	80.3	120.5
145	30.7	25.4	38.0

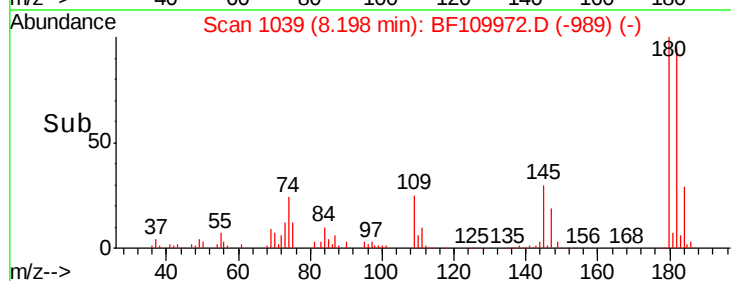
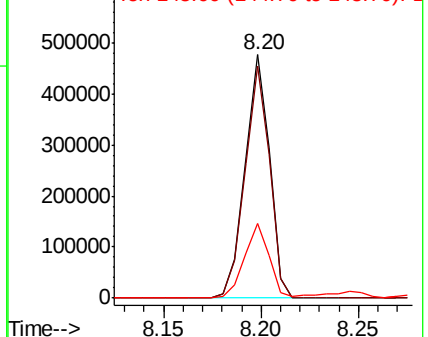


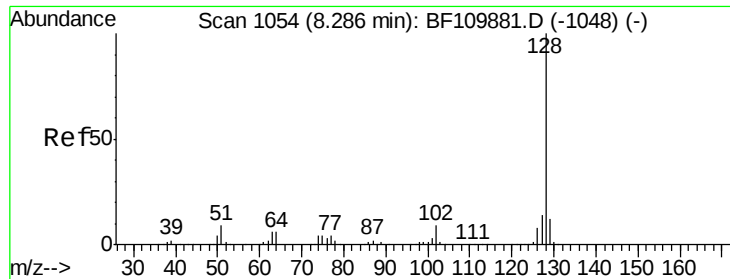
Abundance

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

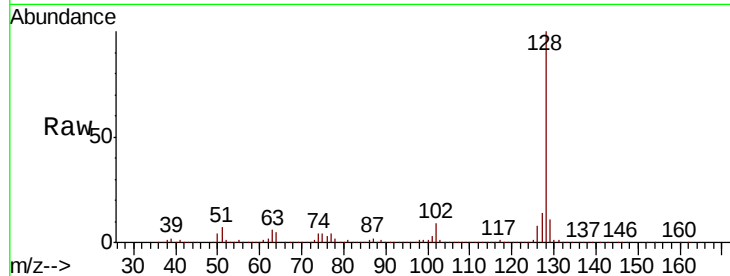




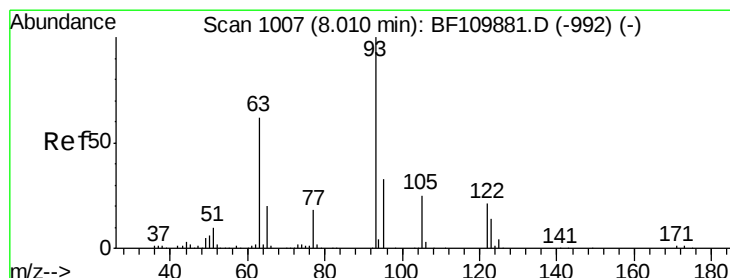
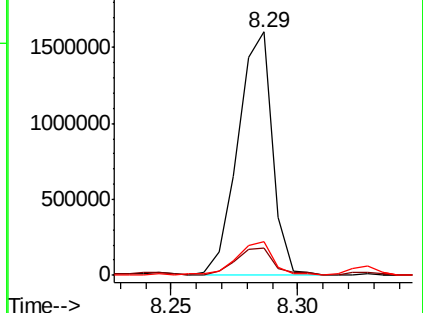
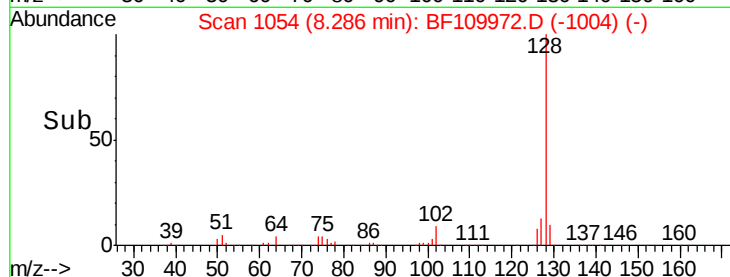
#31
Naphthalene
Concen: 50.246 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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

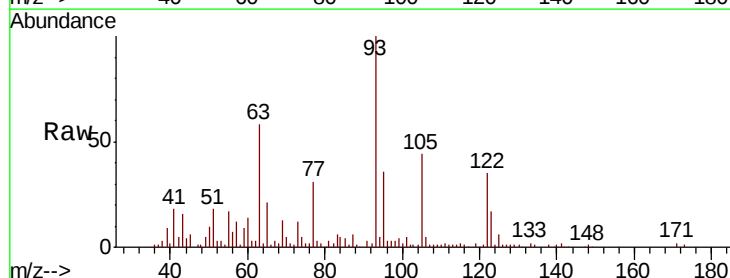


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

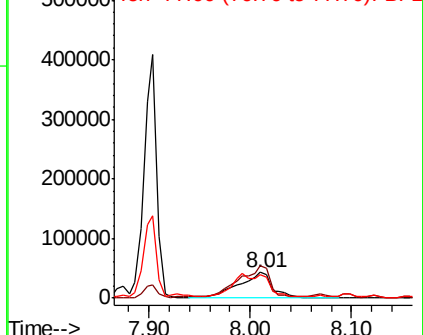
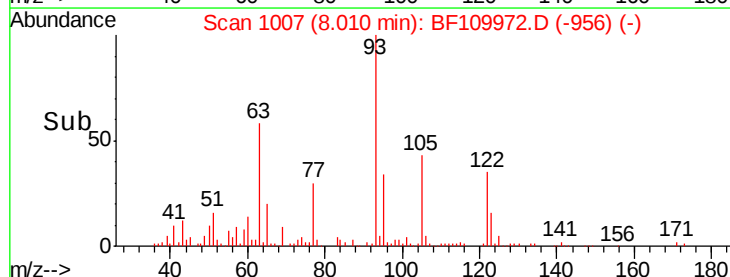


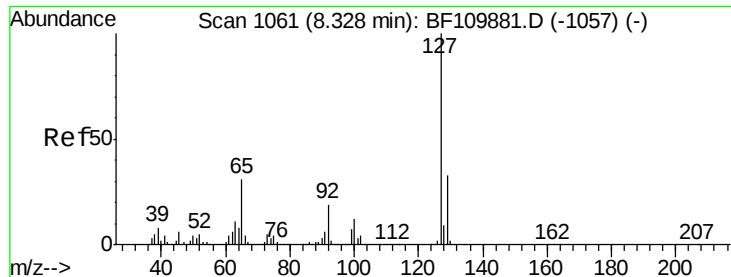
#32
Benzoic acid
Concen: 16.982 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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

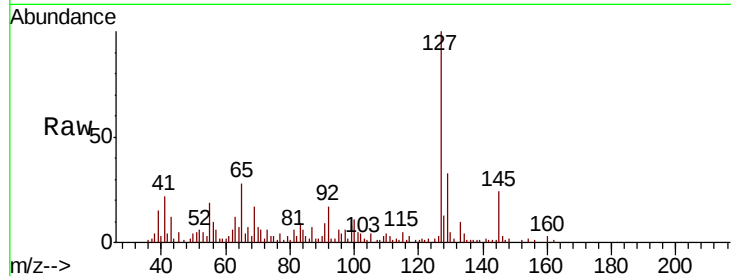




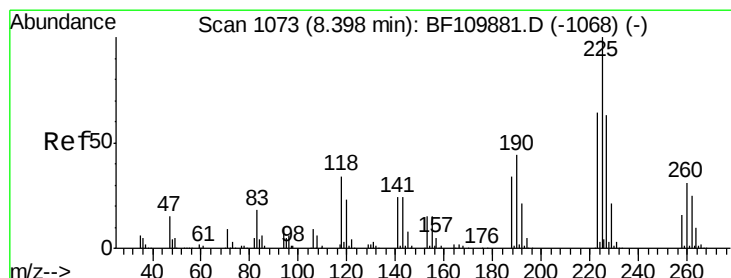
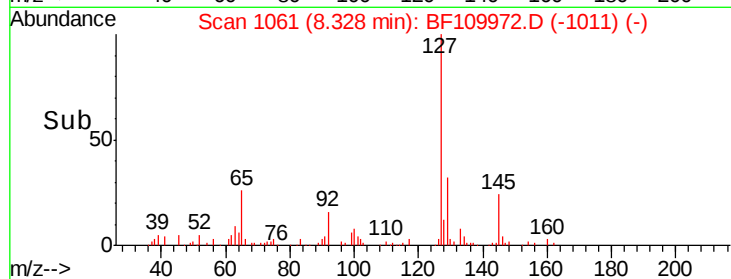
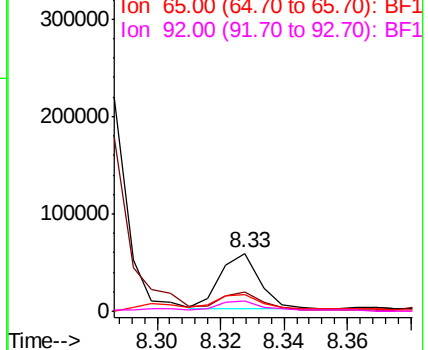
#33
4-Chloroaniline
Concen: 3.591 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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

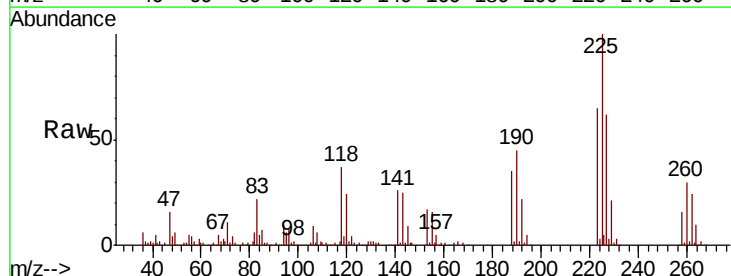


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

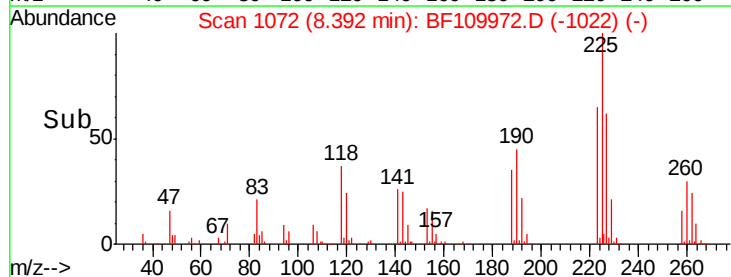
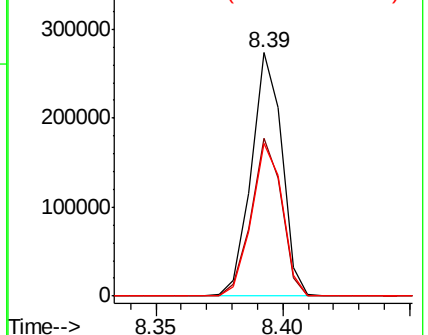


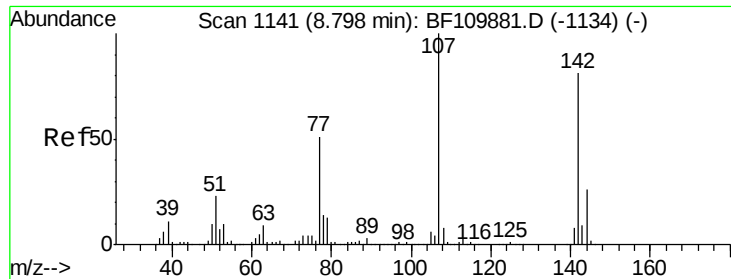
#34
Hexachlorobutadiene
Concen: 41.894 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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

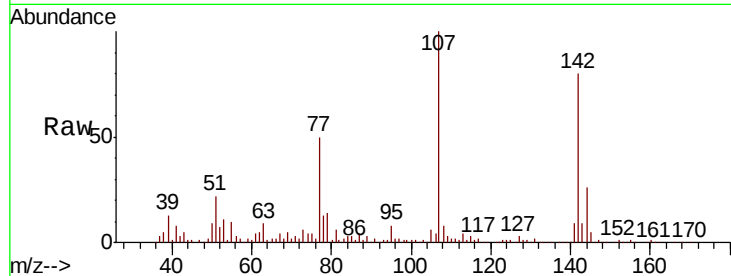




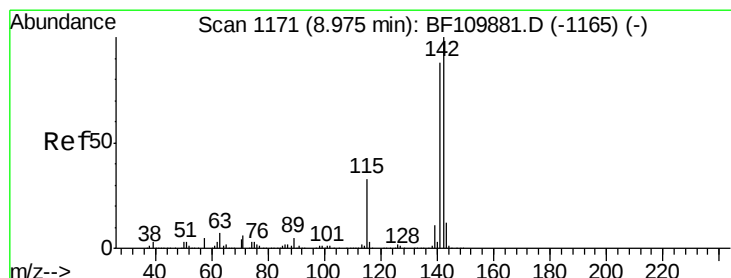
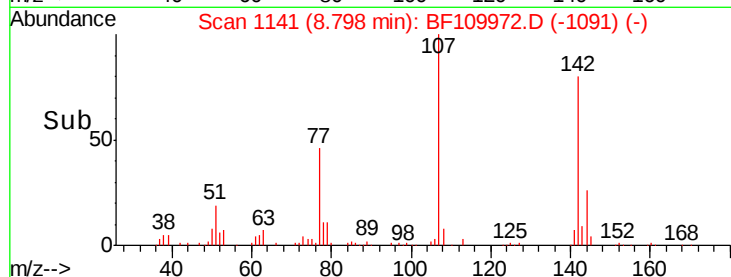
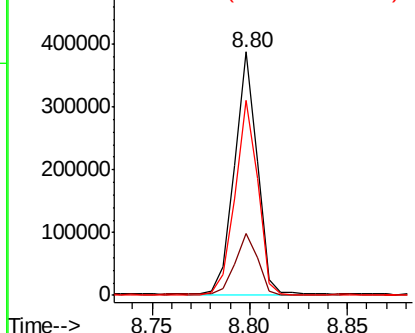
#36
4-Chloro-3-methylphenol
Concen: 33.169 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

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

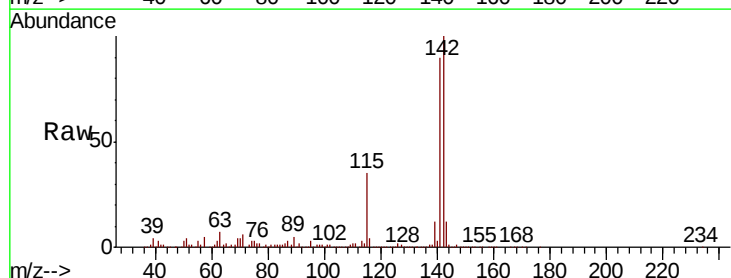


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

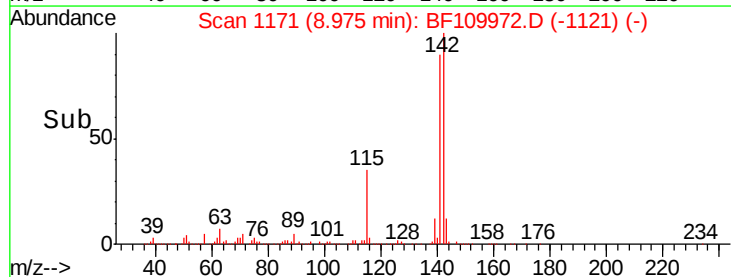
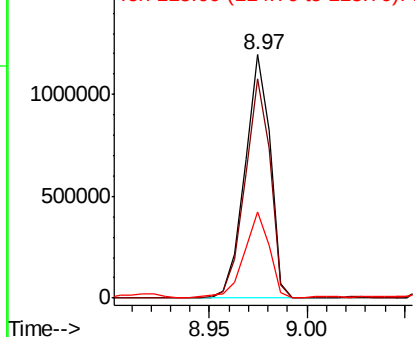


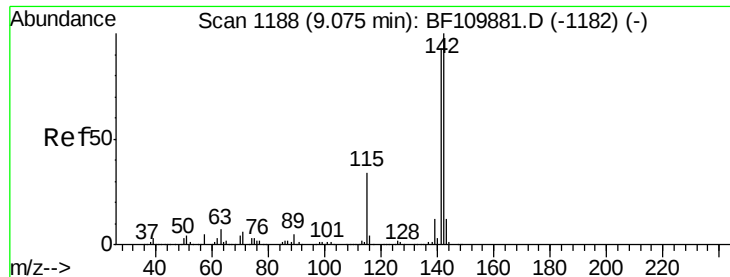
#37
2-Methylnaphthalene
Concen: 55.149 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

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



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

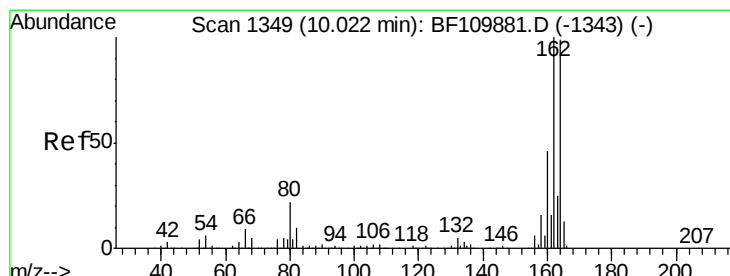
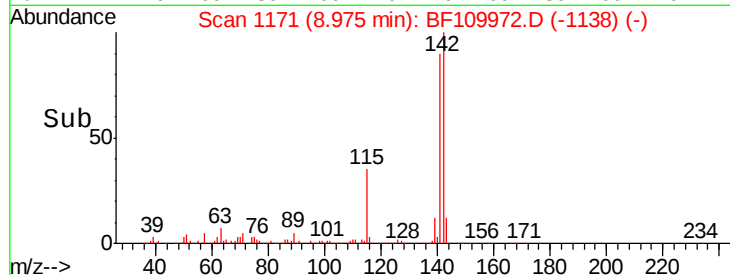
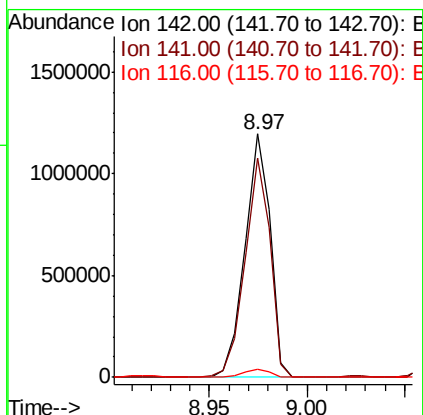
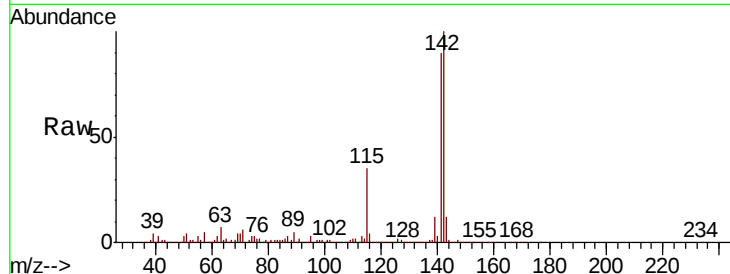




#38
 1-Methylnaphthalene
 Concen: 56.913 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.11 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

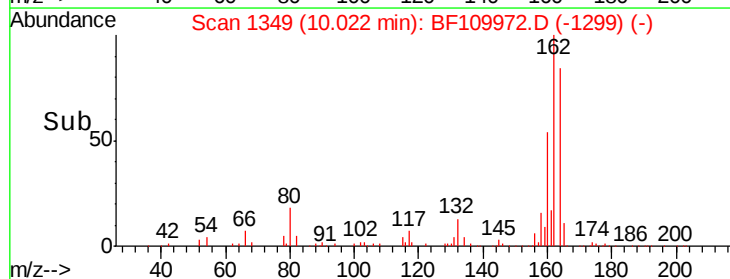
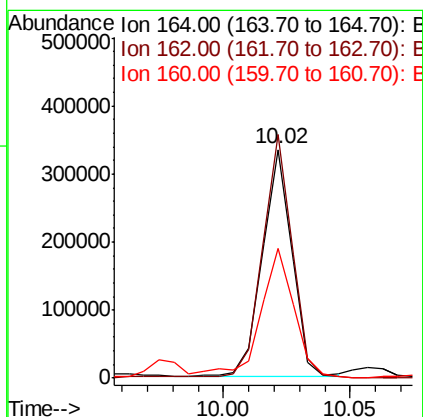
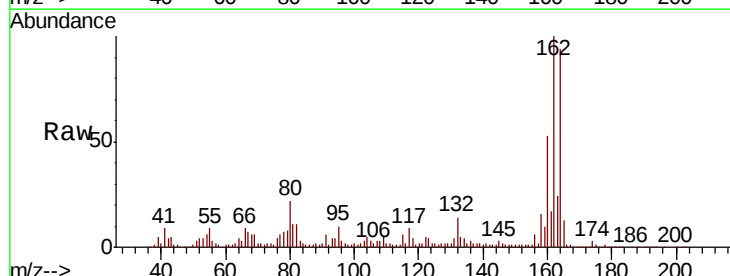
Instrument :
 BNA_F
 ClientSampleId :

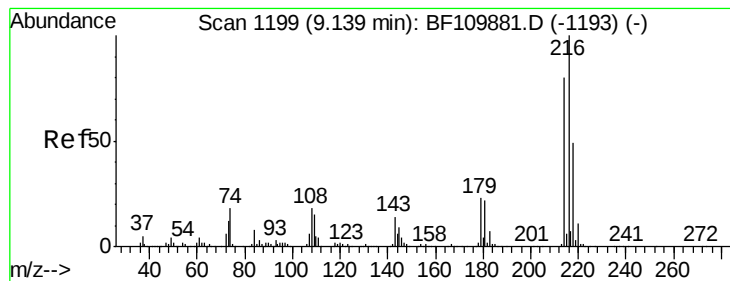
Tot Ion:142 Resp: 1072684
 Ion Ratio Lower Upper
 142 100
 141 89.9 74.2 111.4
 116 3.5 2.6 4.0



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 366841

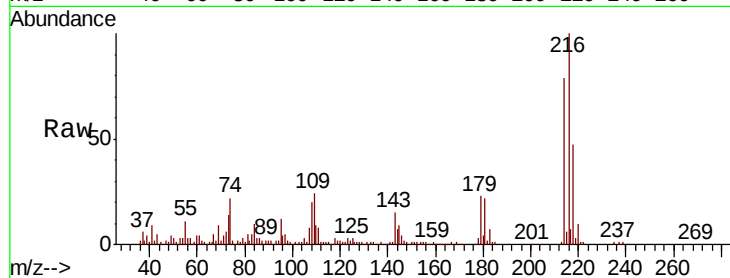
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 22.5 16.6 25.0

108 27.2 15.1 22.7#

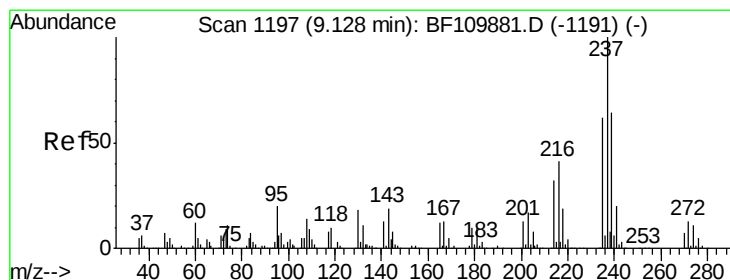
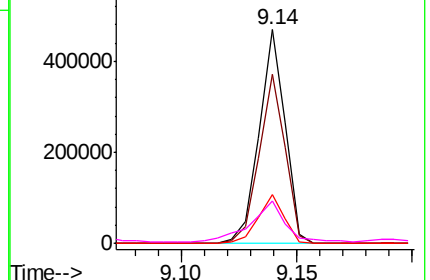
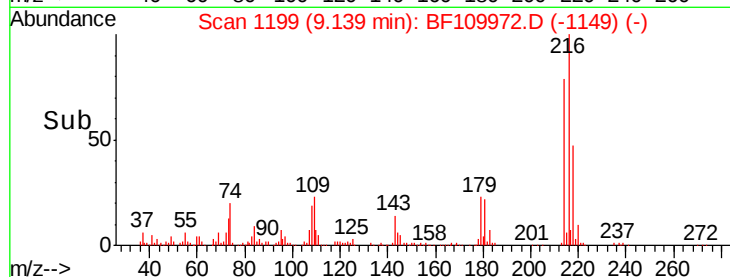


Abundance Ion 216.00 (215.70 to 216.70): E

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

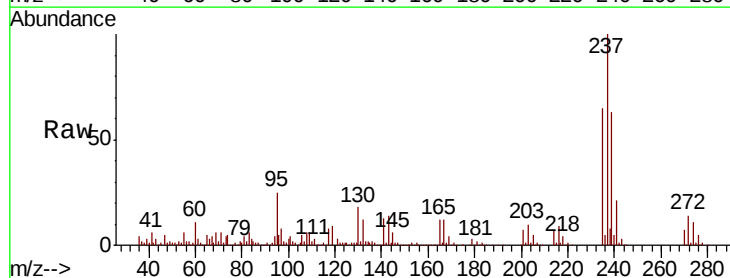
Tgt Ion:237 Resp: 458825

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

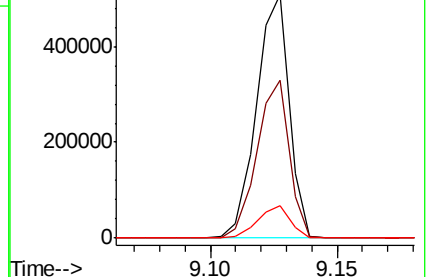
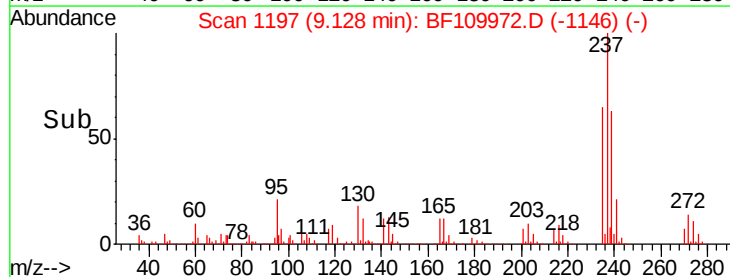
272 13.5 0.0 32.6

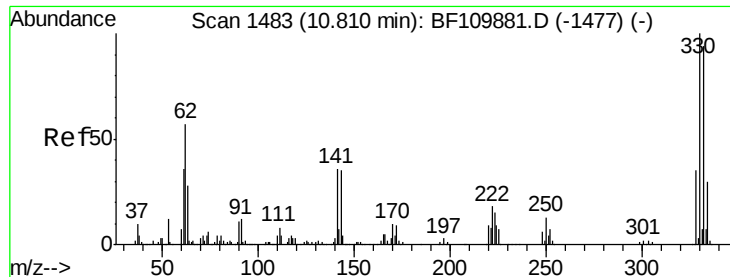


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

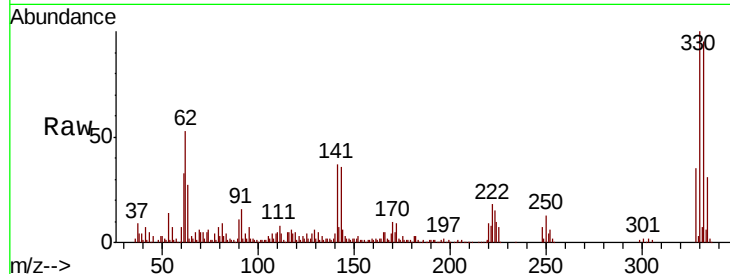




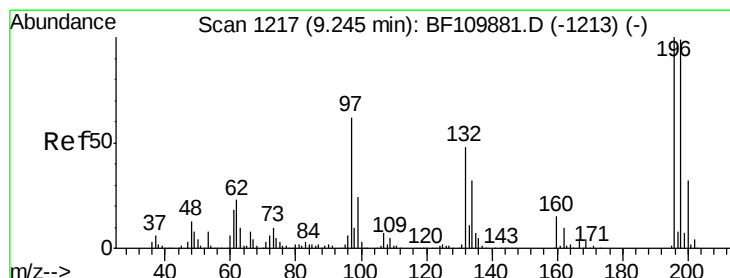
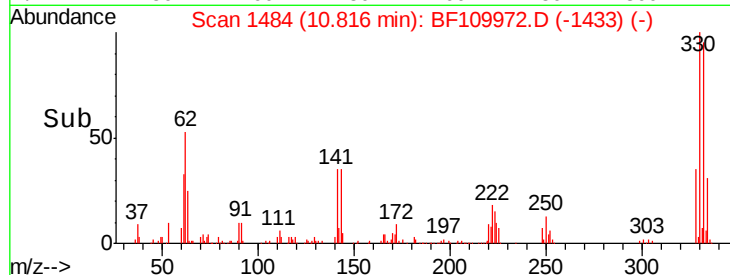
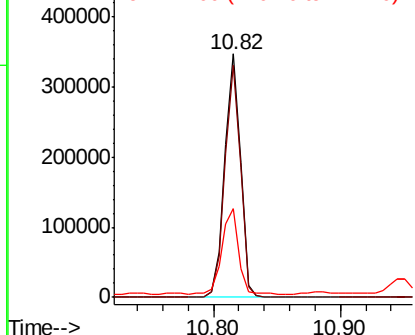
#42
 2,4,6-Tribromophenol
 Concen: 126.605 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.0	27.0	40.4

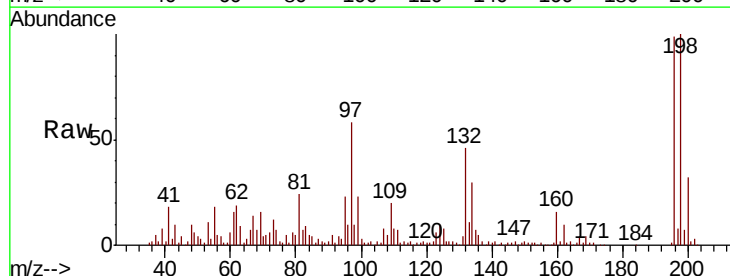


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

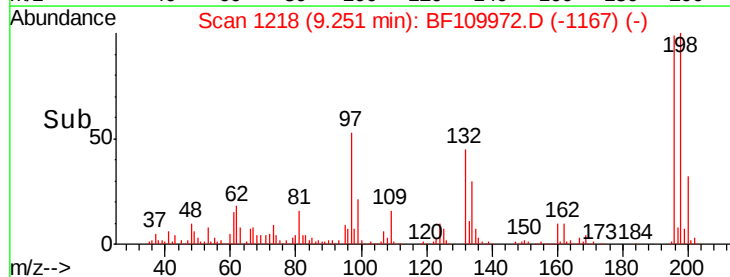
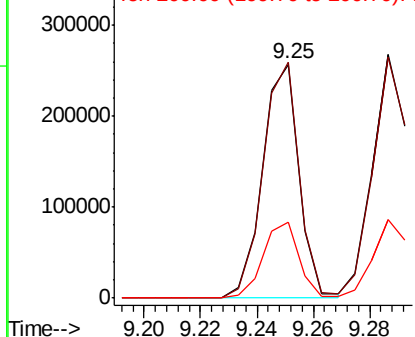


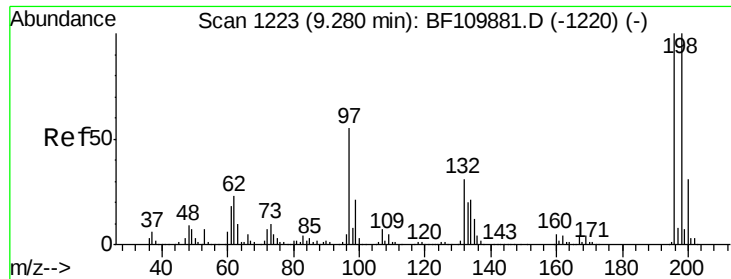
#43
 2,4,6-Trichlorophenol
 Concen: 43.534 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt 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

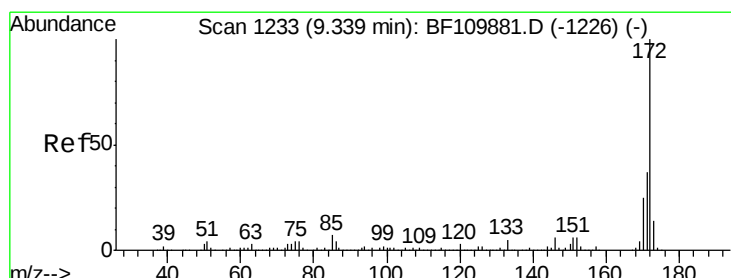
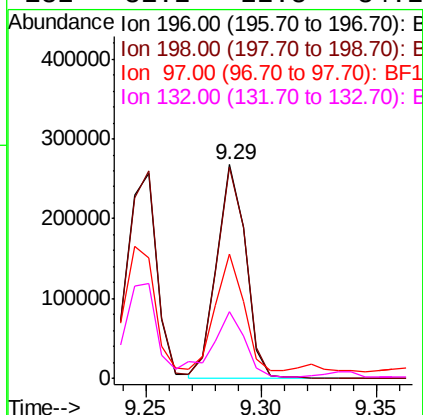
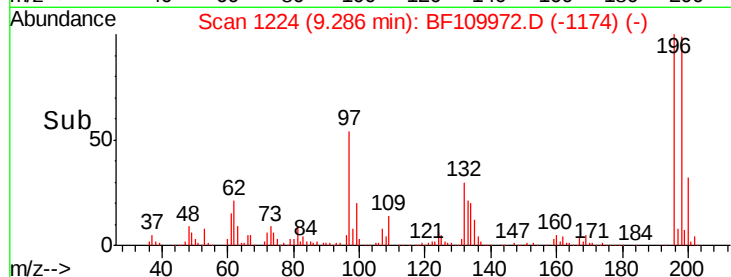
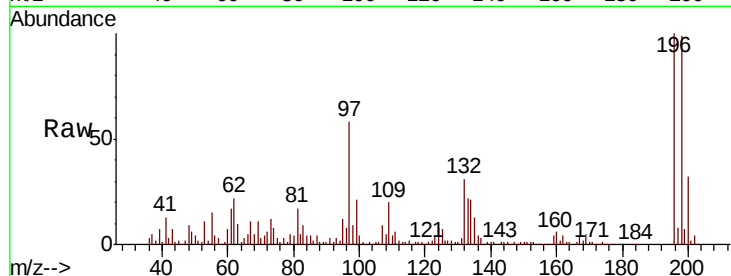




#44
 2,4,5-Trichlorophenol
 Concen: 42.502 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

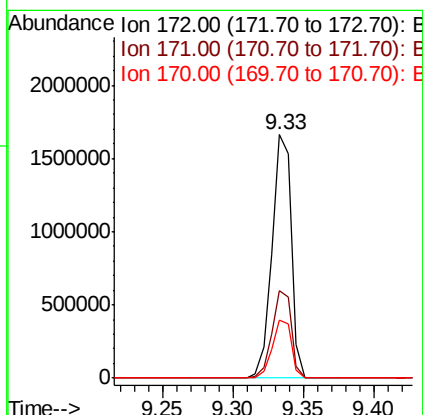
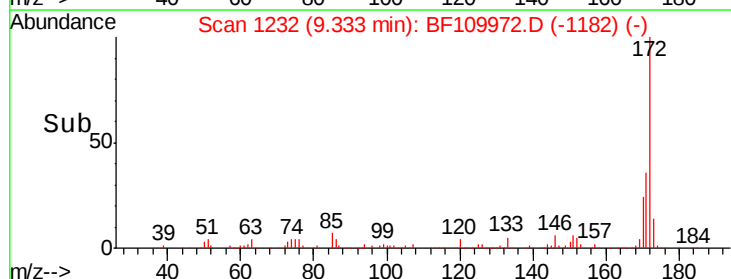
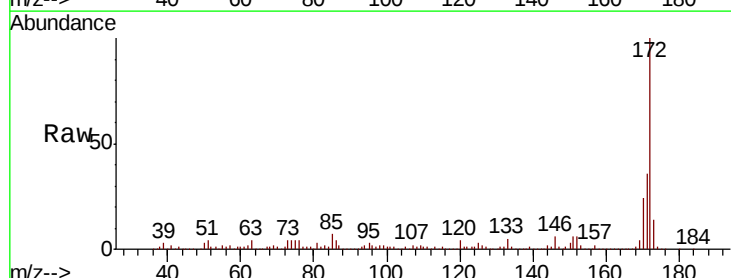
Instrument :
 BNA_F
 ClientSampled :

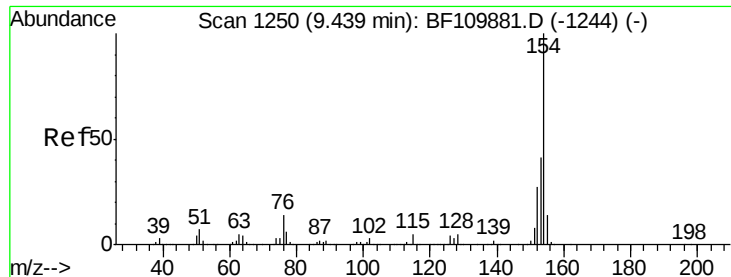
Tot Ion:	196	Resp:	233723
Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.8	113.6
97	58.0	42.4	63.6
132	31.2	22.8	34.2



#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

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

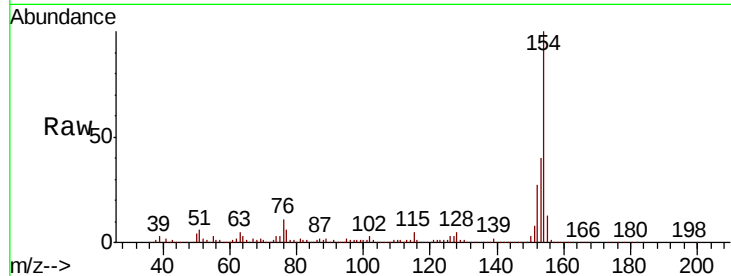




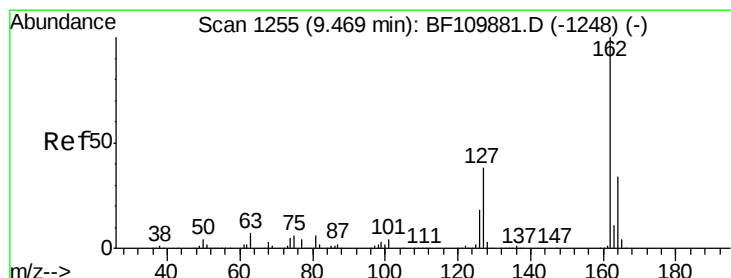
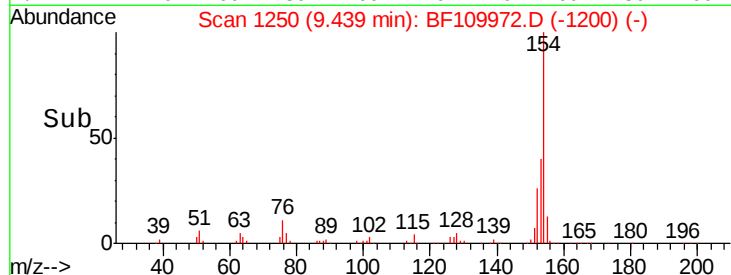
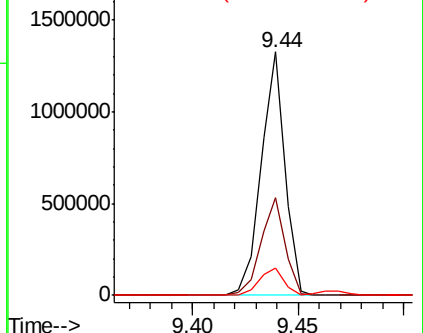
#46
 1,1'-Biphenyl
 Concen: 42.325 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :

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

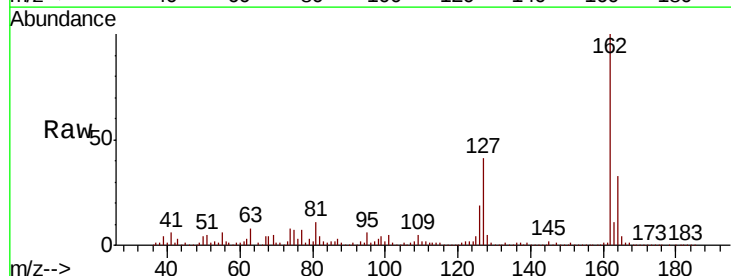


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

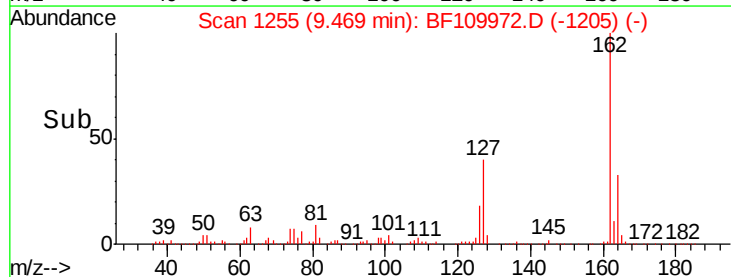
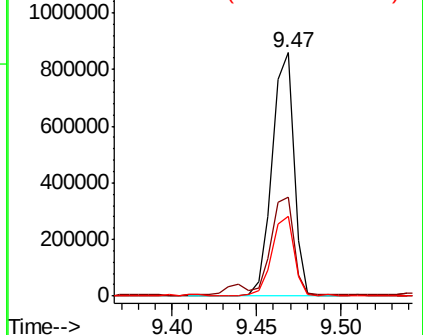


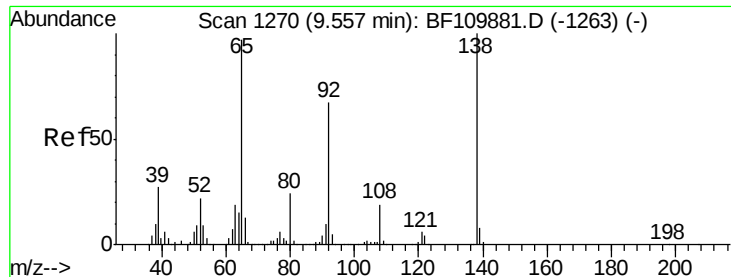
#47
 2-Chloronaphthalene
 Concen: 42.669 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt Ion:162 Resp: 770377
 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

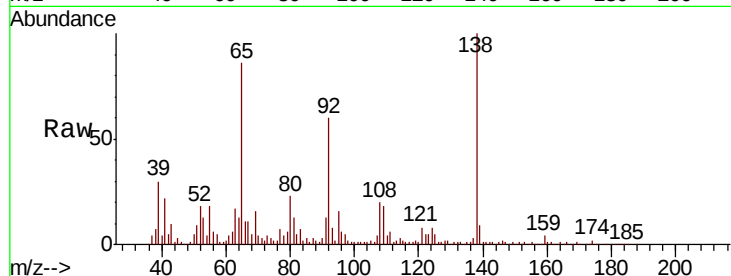




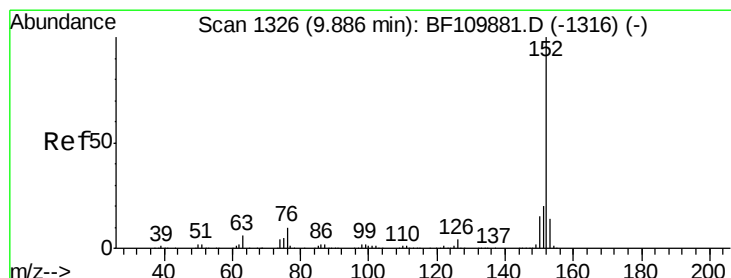
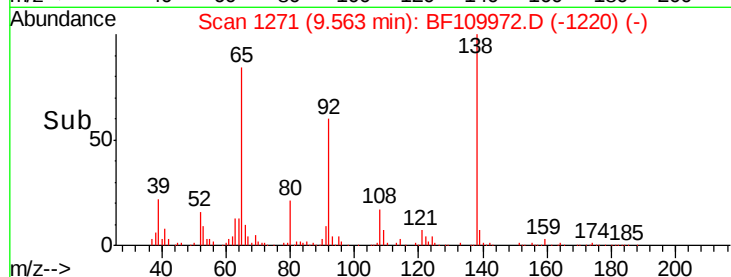
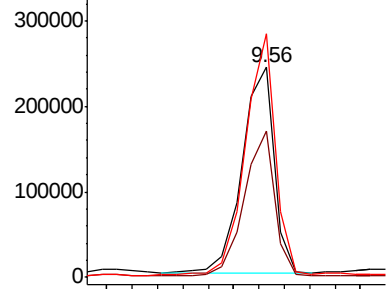
#48
2-Nitroaniline
Concen: 46.268 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 214378
Ion Ratio Lower Upper
65 100
92 69.5 54.6 81.8
138 115.9 80.3 120.5

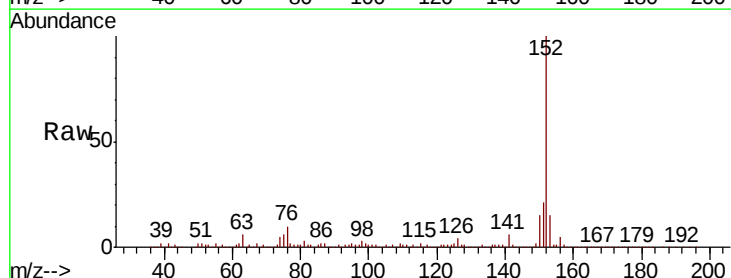


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

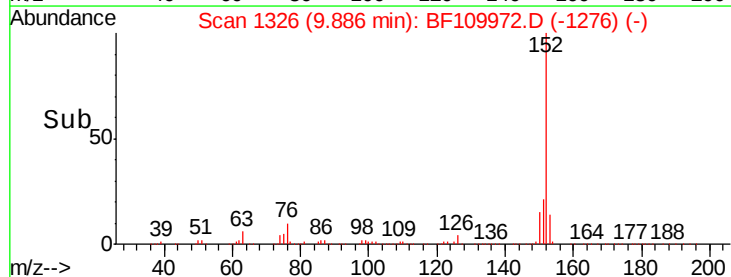
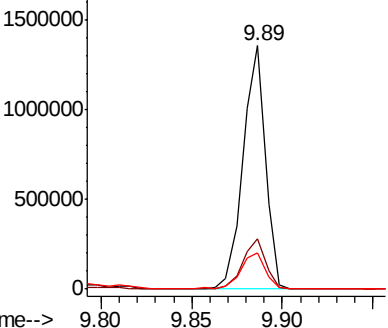


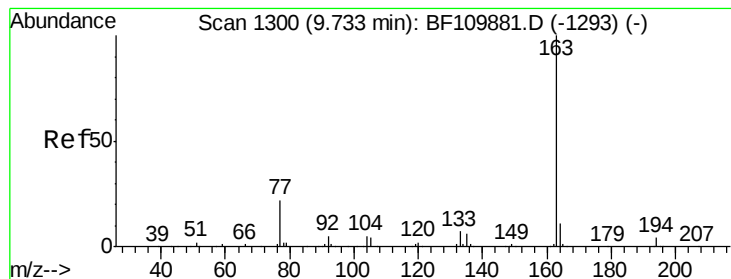
#49
Acenaphthylene
Concen: 44.198 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt 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): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

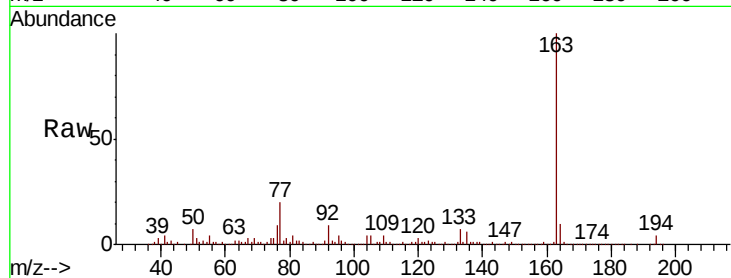
Tot Ion:163 Resp: 832907

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

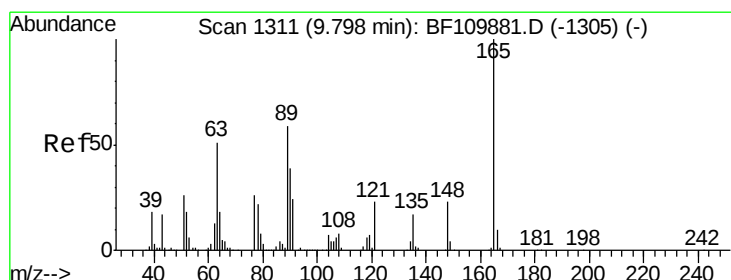
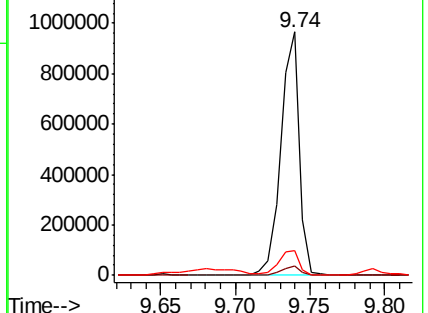
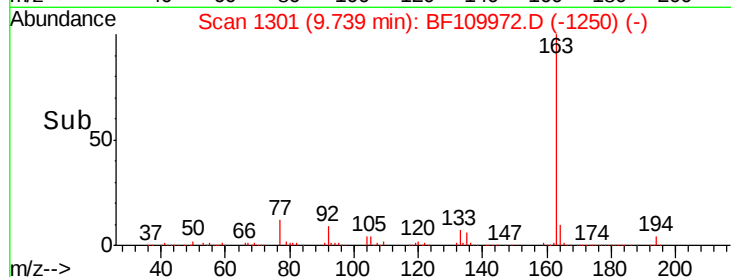
164 10.1 8.1 12.1



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

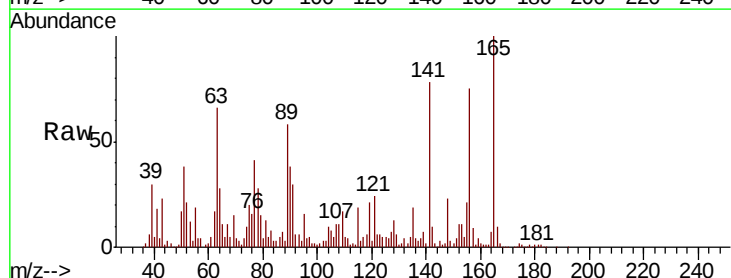
Tgt Ion:165 Resp: 180651

Ion Ratio Lower Upper

165 100

63 66.1 48.9 73.3

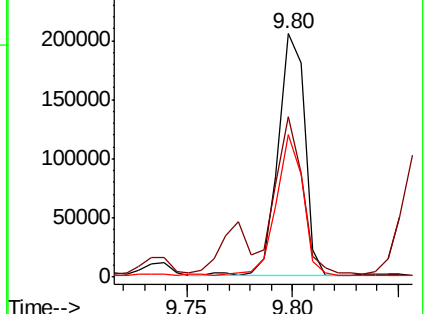
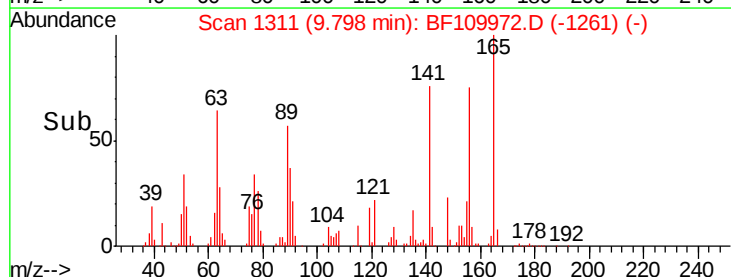
89 58.5 46.6 69.8

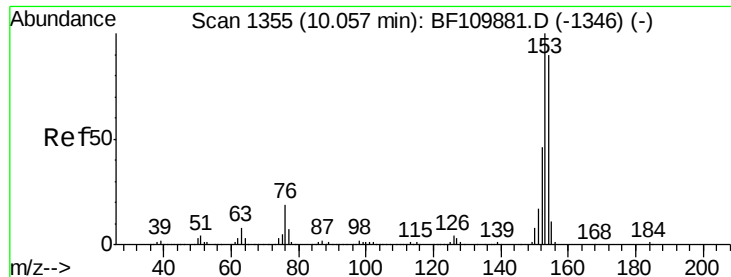


Abundance Ion 165.00 (164.70 to 165.70): E

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

Instrument :

BNA_F

ClientSampleId :

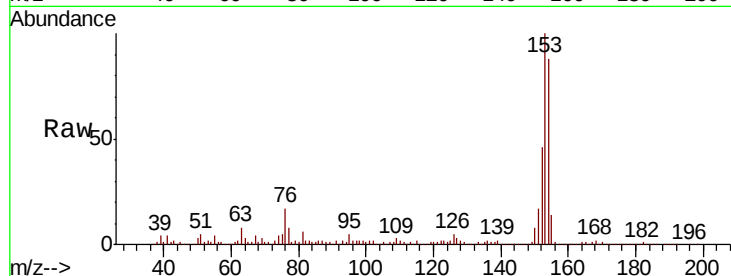
Tot Ion:154 Resp: 848250

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

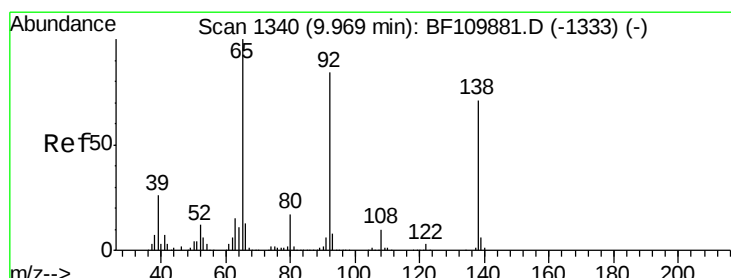
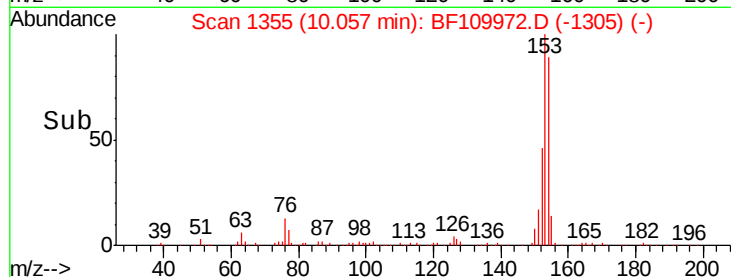
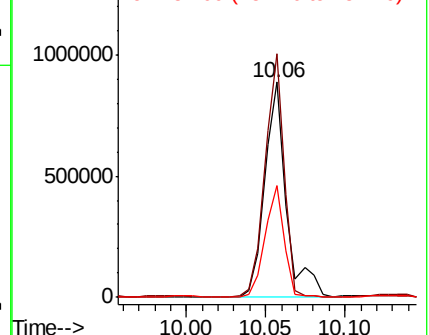
152 52.1 43.4 65.2



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

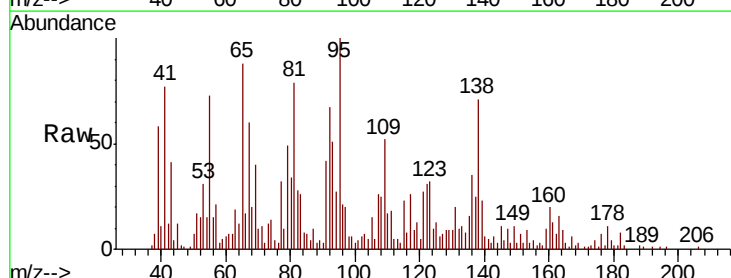
Tgt Ion:138 Resp: 34909

Ion Ratio Lower Upper

138 100

108 35.9 8.7 13.1#

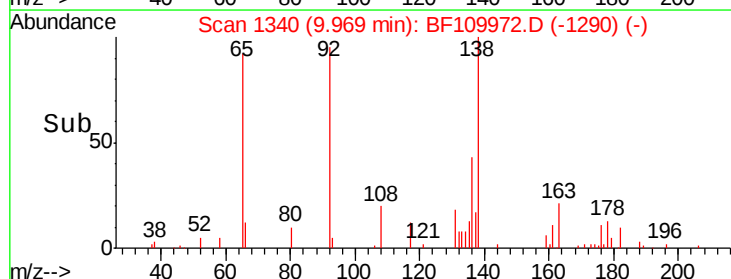
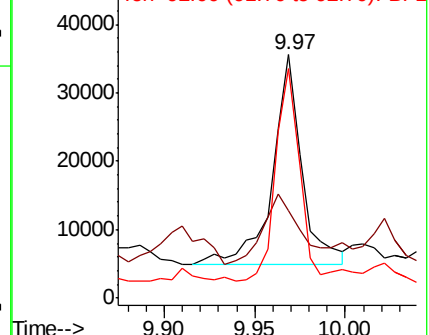
92 94.4 97.0 145.4#

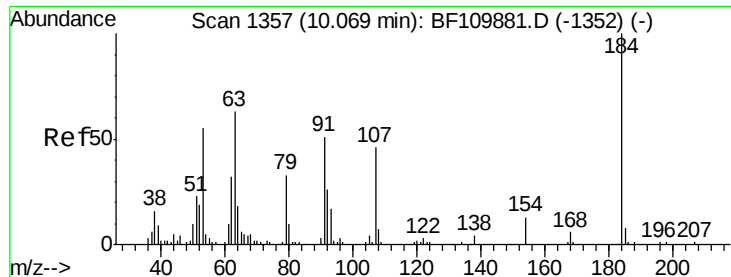


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

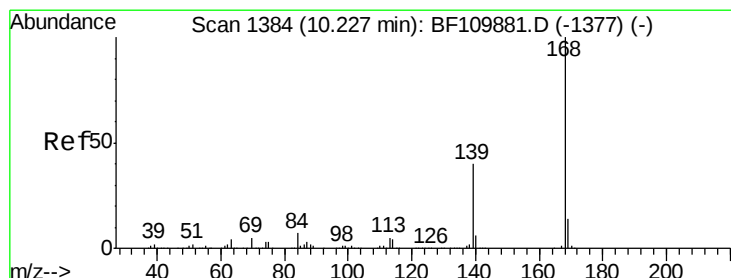
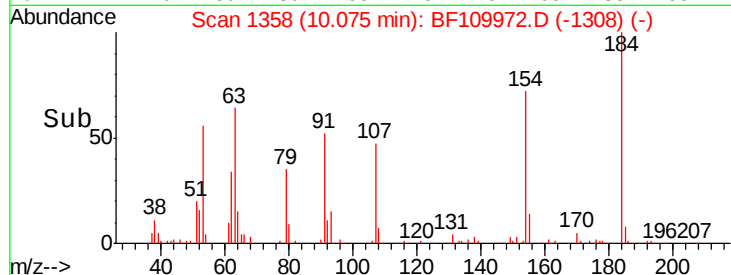
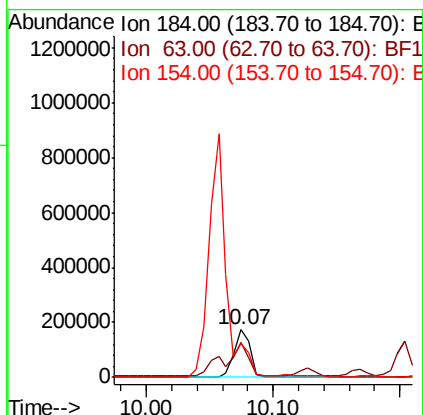
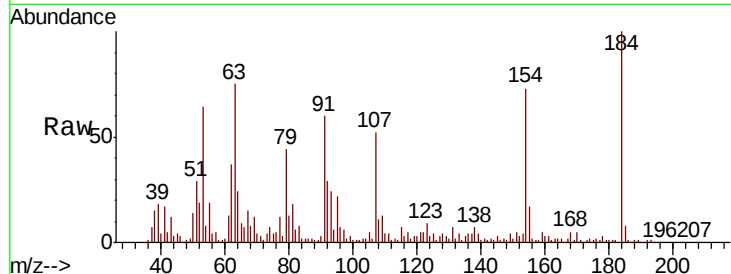




#54
2,4-Dinitrophenol
Concen: 121.390 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

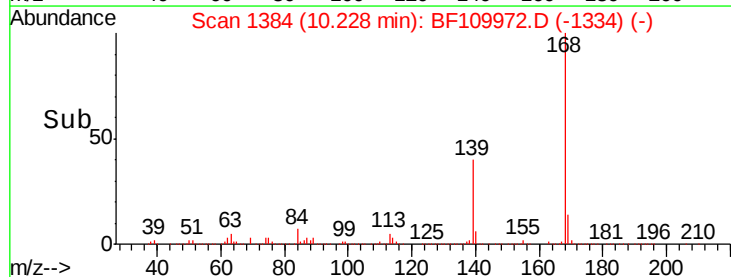
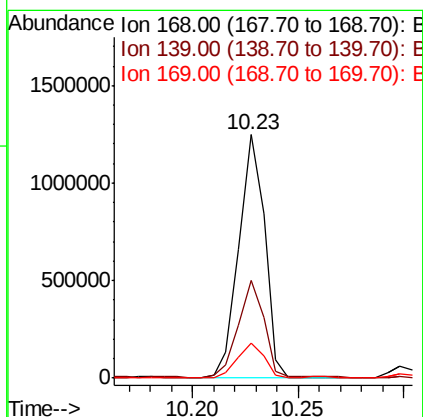
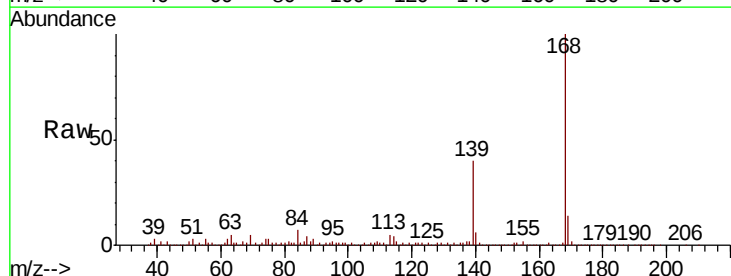
Instrument :
BNA_F
ClientSampleId :

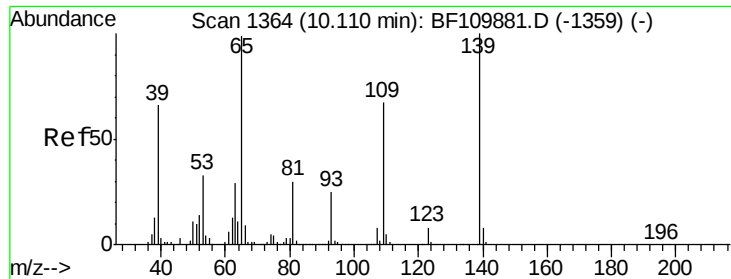
Tot Ion:184 Resp: 149192
Ion Ratio Lower Upper
184 100
63 75.1 55.8 83.6
154 72.7 63.2 94.8



#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

Tgt 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

Instrument :

BNA_F

ClientSampled :

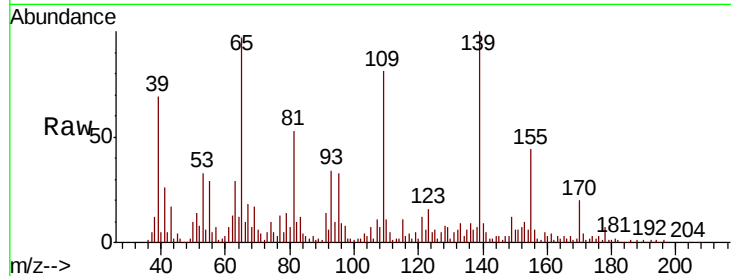
Tot Ion:139 Resp: 103597

Ion Ratio Lower Upper

139 100

109 81.0 55.8 95.8

65 97.3 77.9 117.9

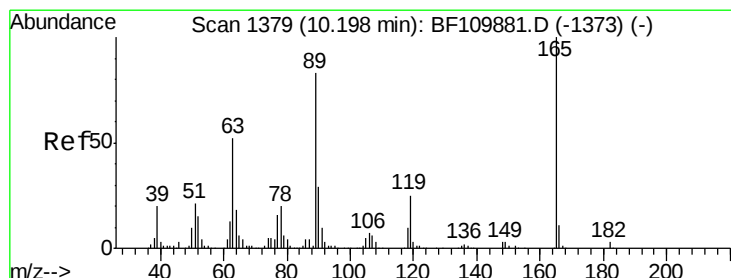
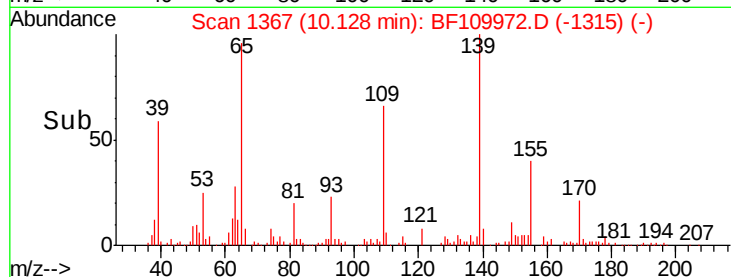
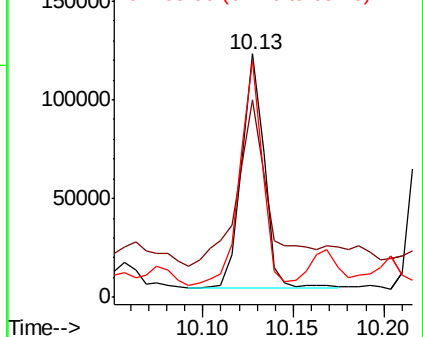


Abundance

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



#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

Tgt Ion:165 Resp: 241957

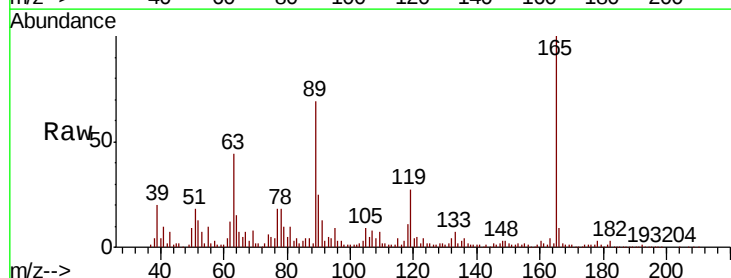
Ion Ratio Lower Upper

165 100

63 43.7 44.8 67.2#

89 69.3 62.2 93.4

182 3.2 2.1 3.1#



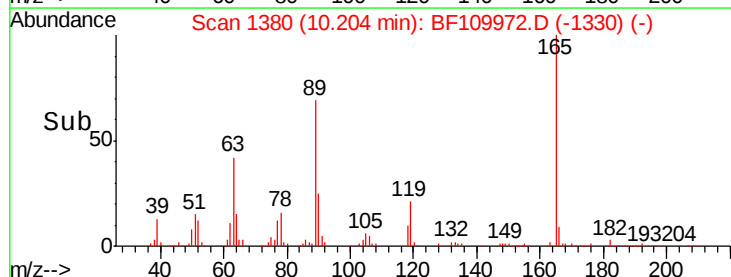
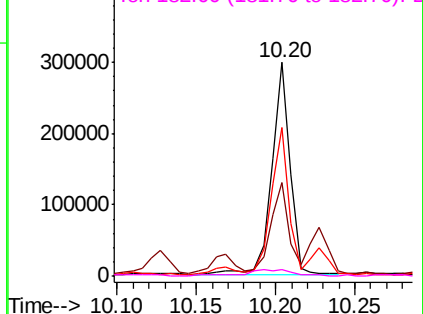
Abundance

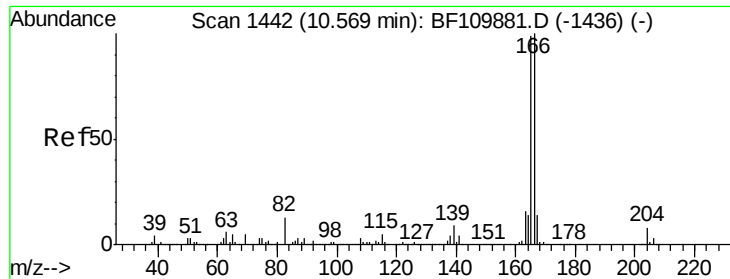
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

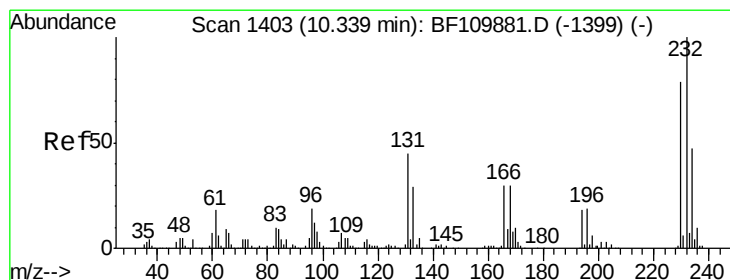
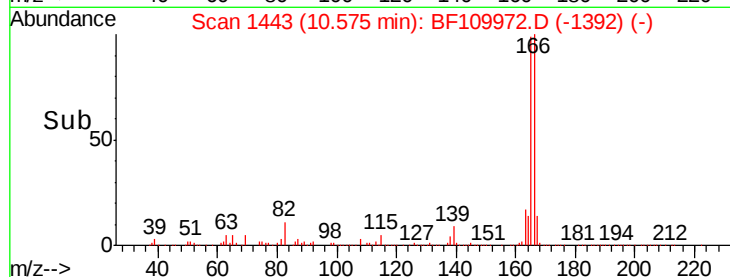
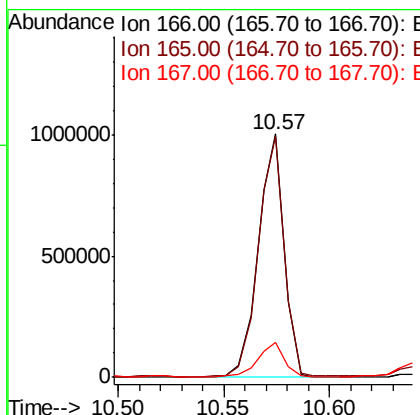
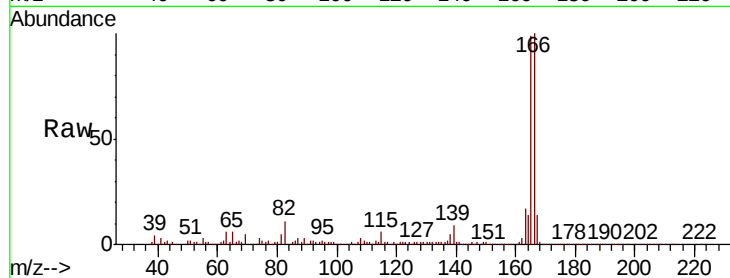




#58
 Fluorene
 Concen: 48.841 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

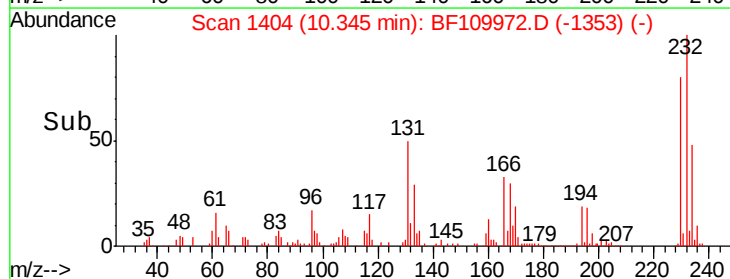
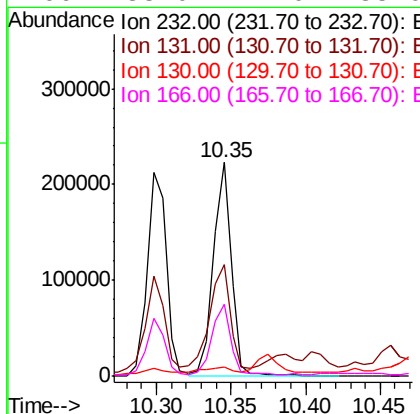
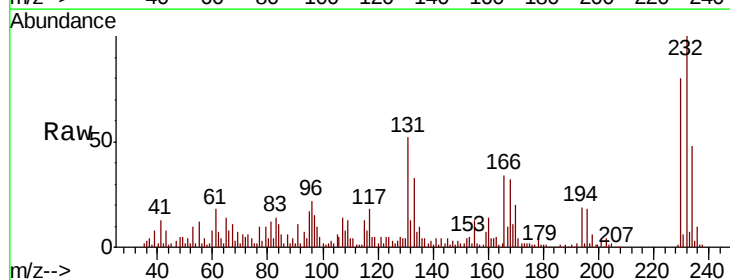
Instrument :
 BNA_F
 ClientSampled :

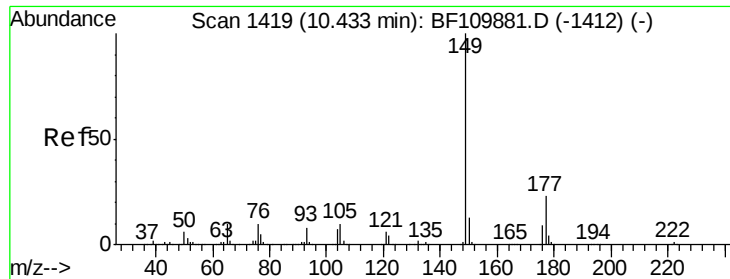
Tot Ion:166 Resp: 846702
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.6 117.8
 167 14.1 10.8 16.2



#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

Tgt 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#

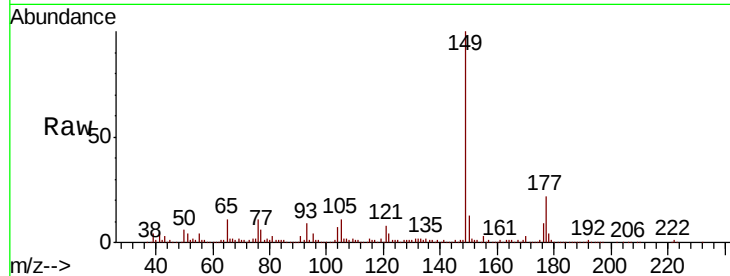




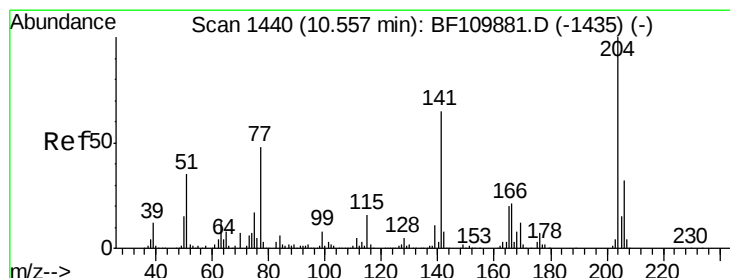
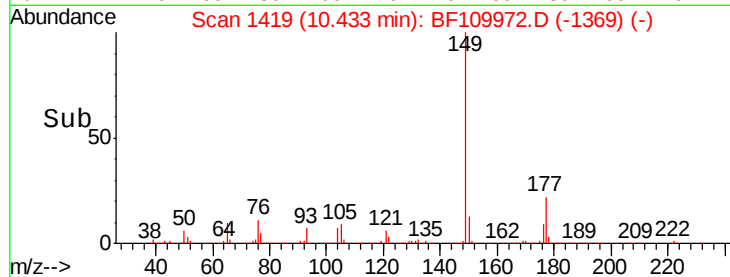
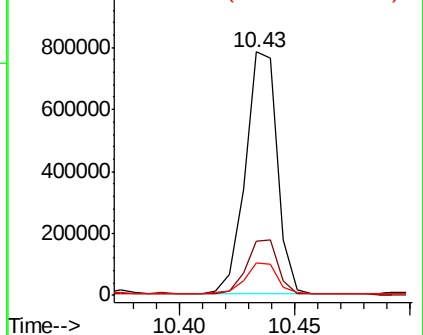
#60
Diethylphthalate
Concen: 39.255 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

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

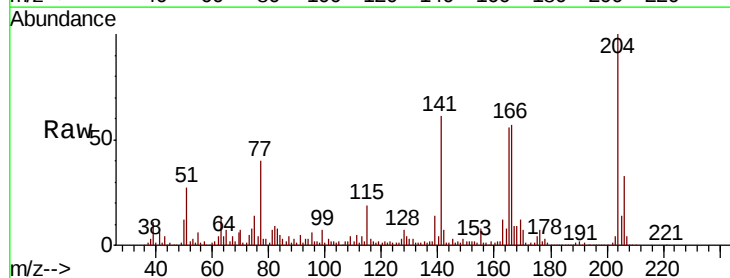


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

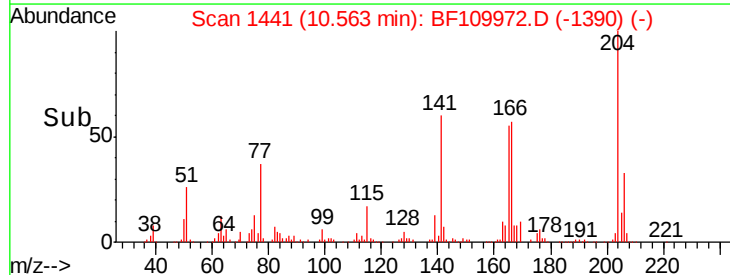
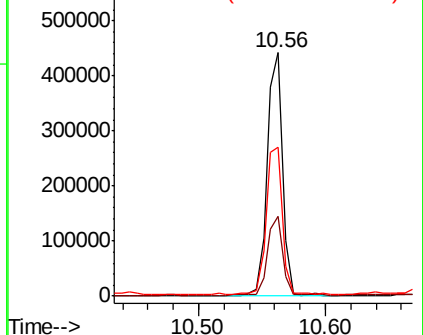


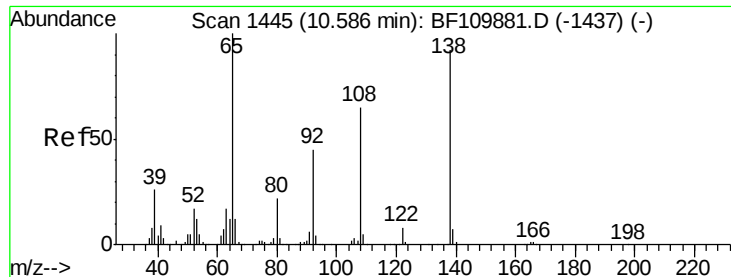
#61
4-Chlorophenyl-phenylether
Concen: 41.294 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt 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

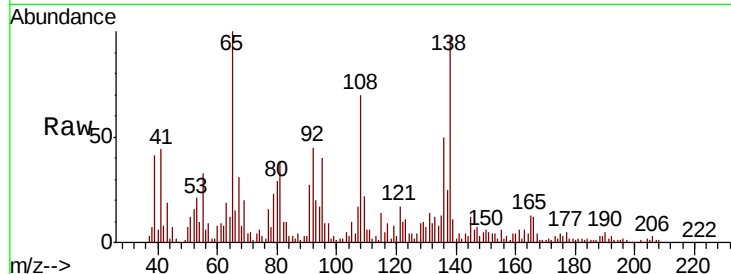




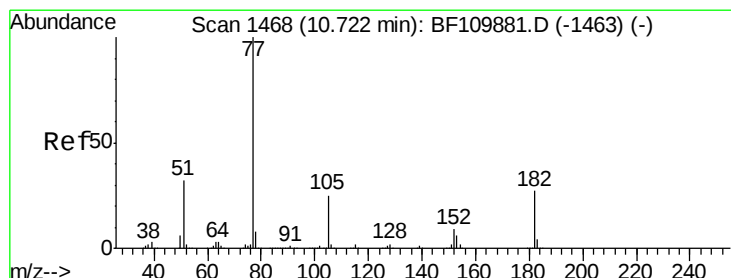
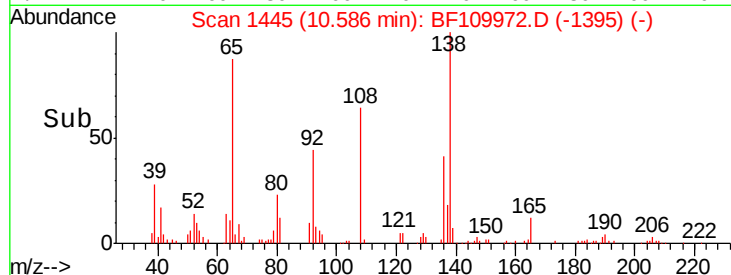
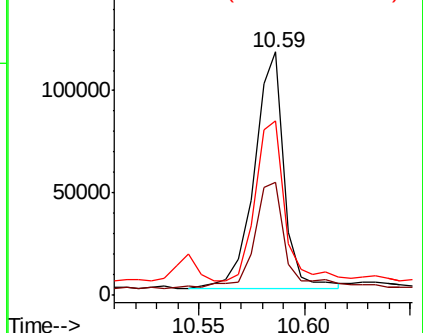
#62
4-Nitroaniline
Concen: 26.743 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

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

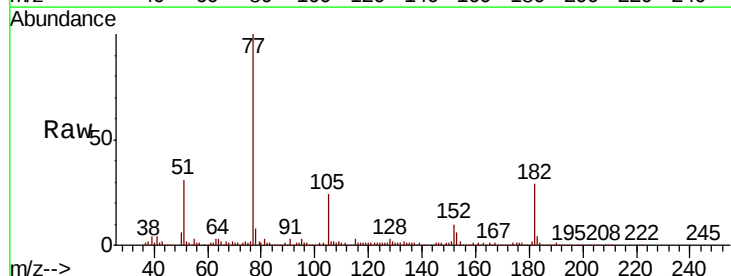


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

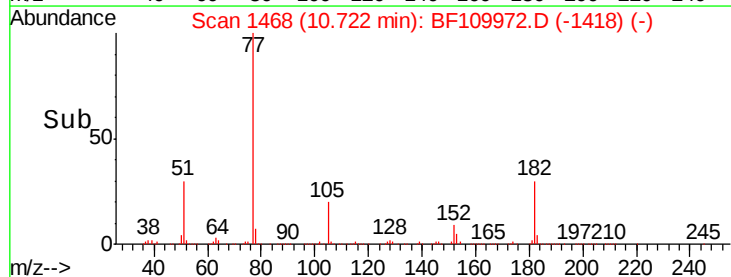
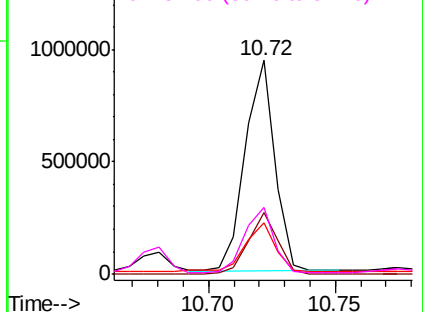


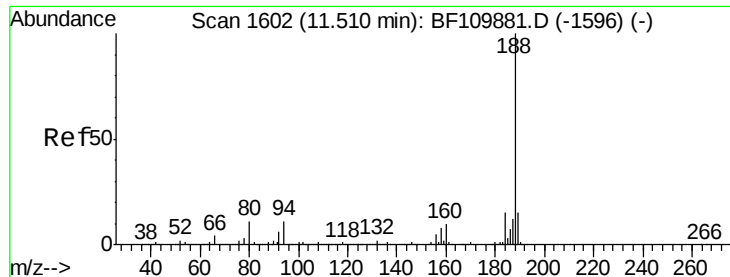
#63
Azobenzene
Concen: 37.783 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt 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

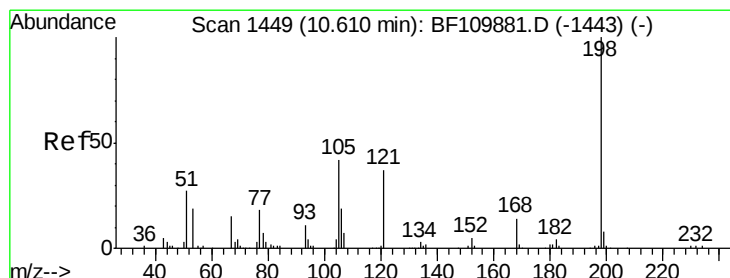
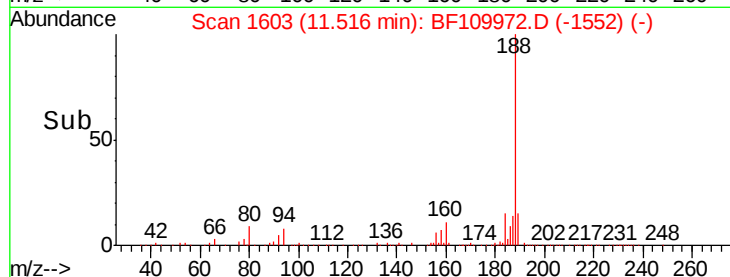
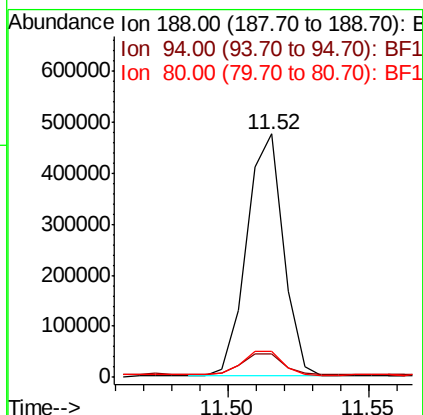
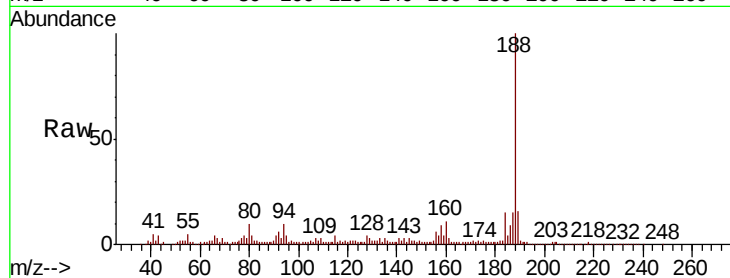




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

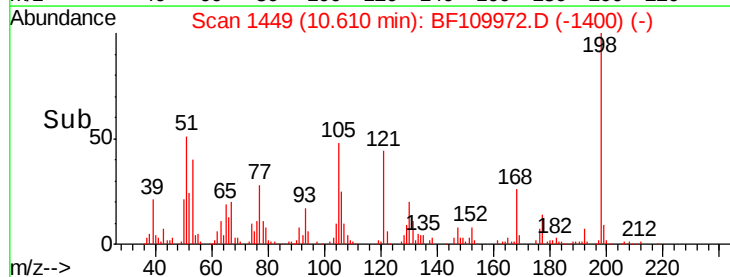
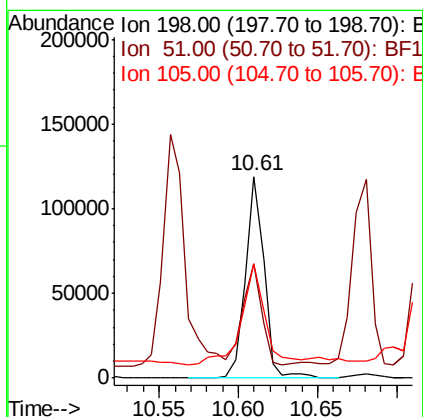
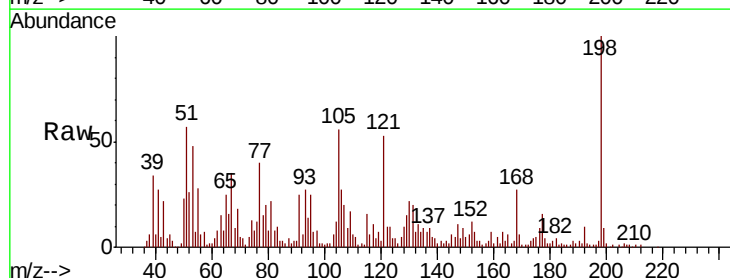
Instrument :
BNA_F
ClientSampleId :

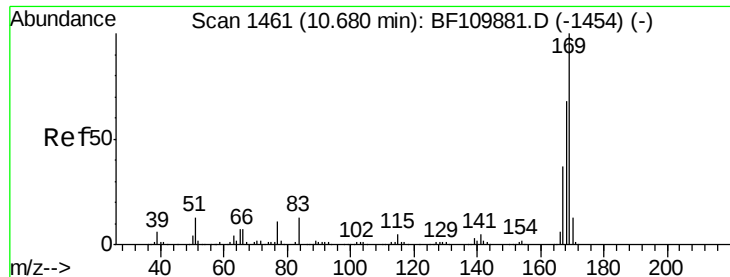
Tot Ion:188 Resp: 429869
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.4 7.9 11.9



#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

Tgt Ion:198 Resp: 96940
Ion Ratio Lower Upper
198 100
51 56.8 22.8 62.8
105 56.5 23.6 63.6

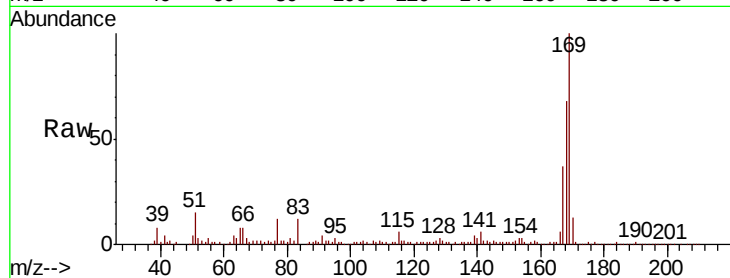




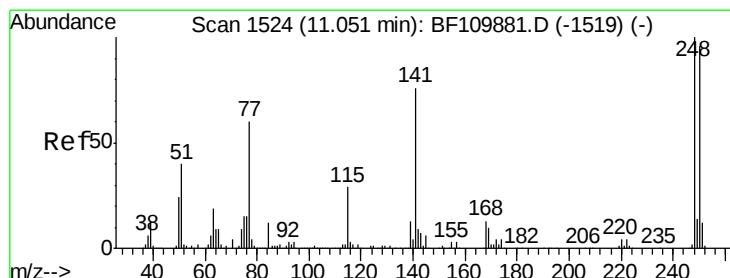
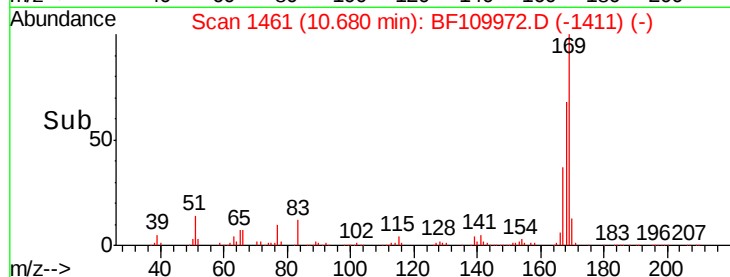
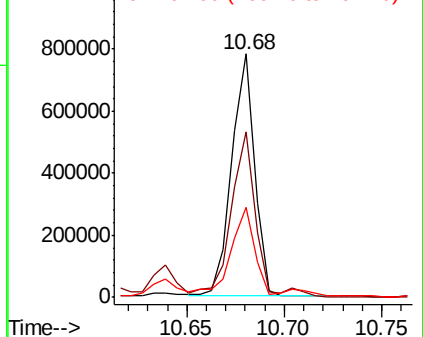
#66
 n-Nitrosodiphenylamine
 Concen: 44.765 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 640910
 Ion Ratio Lower Upper
 169 100
 168 67.9 51.2 76.8
 167 36.9 27.8 41.6

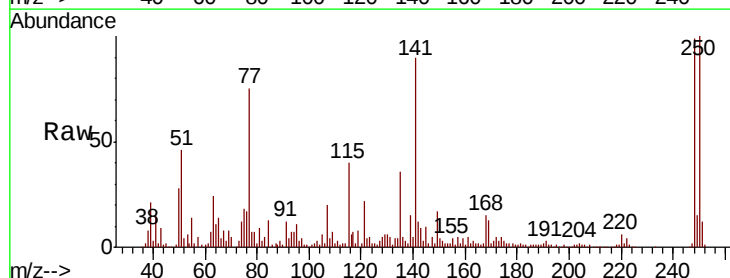


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

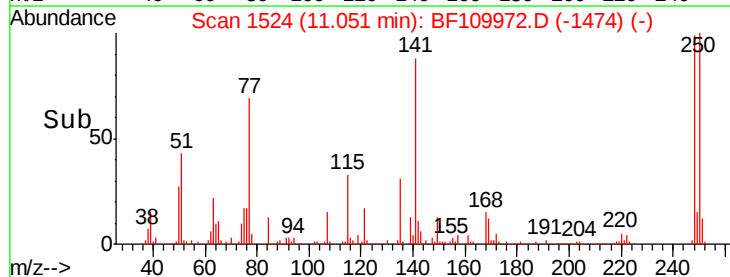
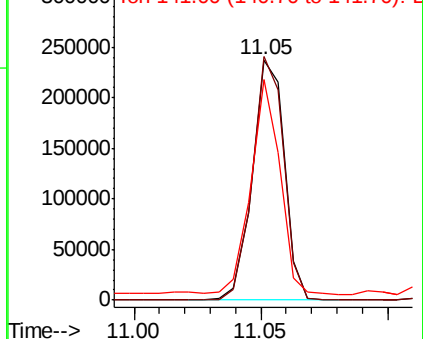


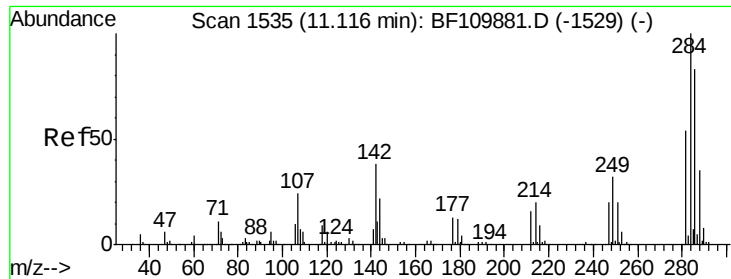
#67
 4-Bromophenyl-phenylether
 Concen: 44.778 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt 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

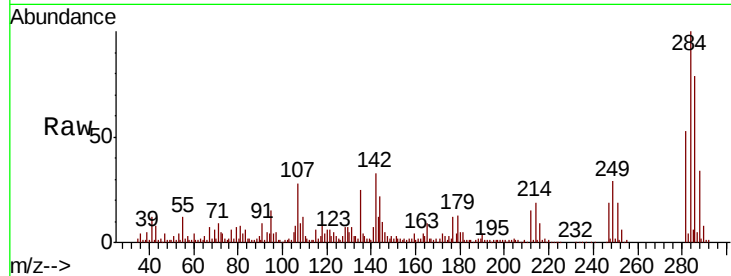




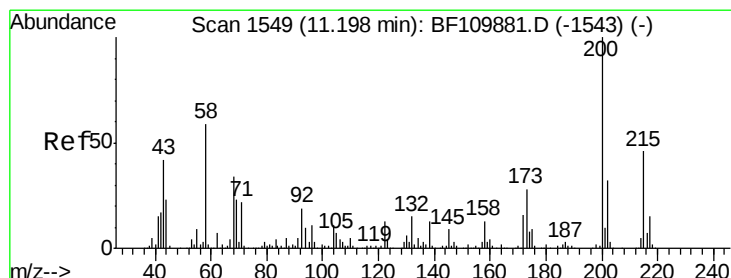
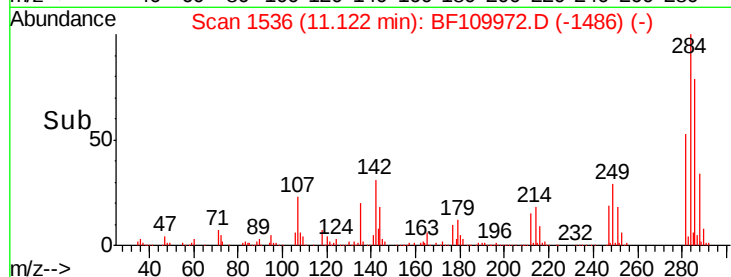
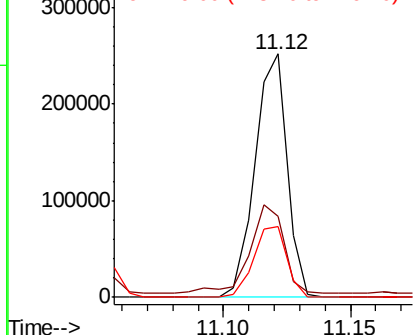
#68
Hexachlorobenzene
Concen: 45.024 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampleId :

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

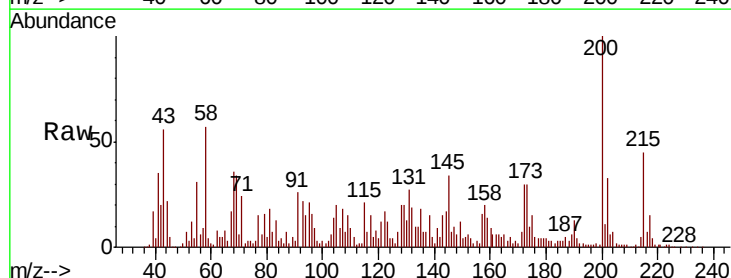


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

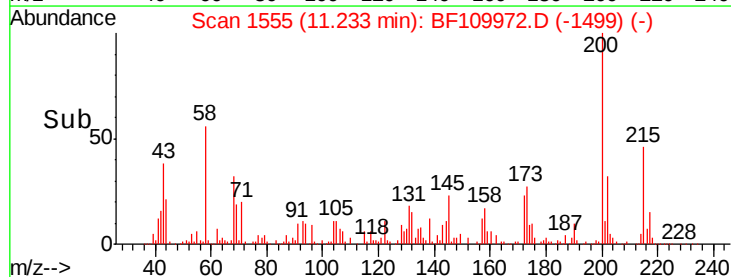
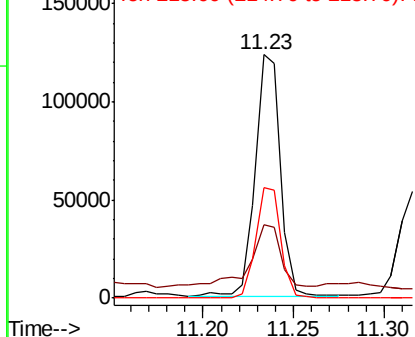


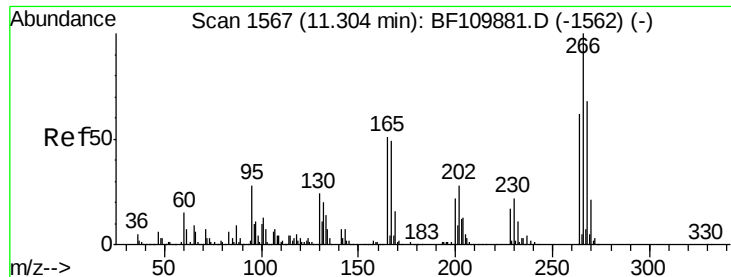
#69
Atrazine
Concen: 26.348 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.03 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt 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

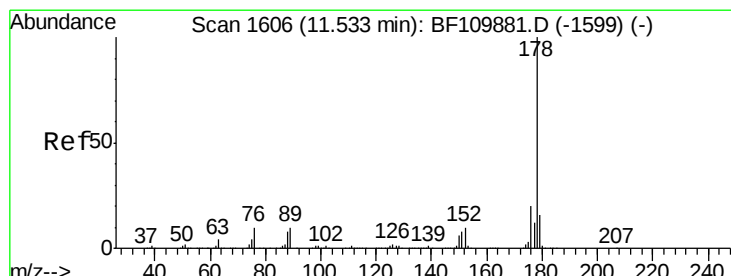
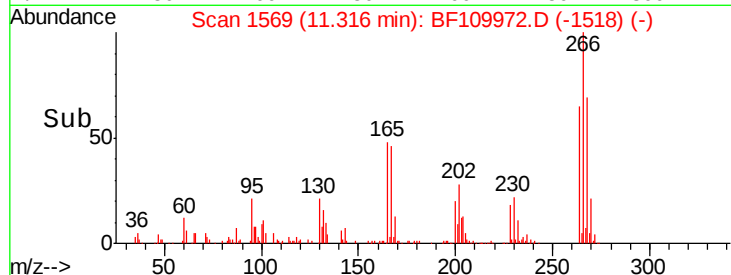
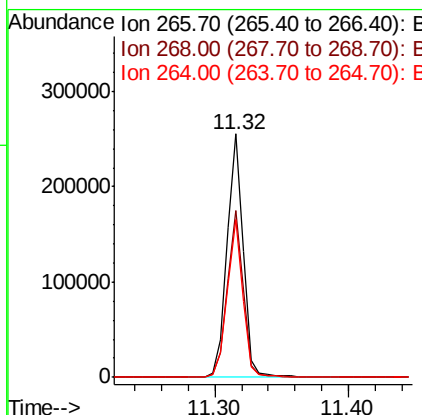
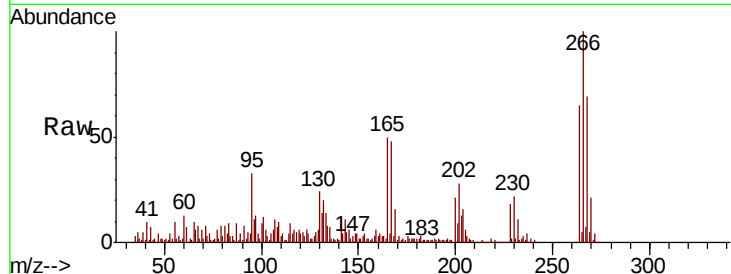




#70
 Pentachlorophenol
 Concen: 77.942 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

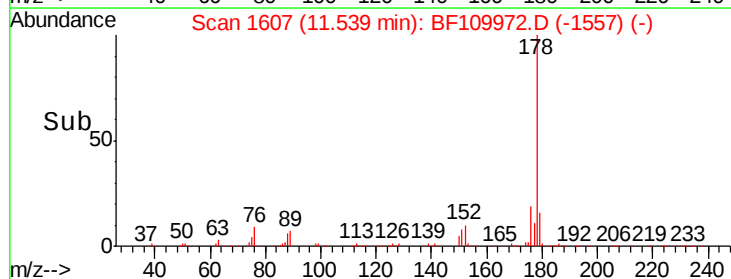
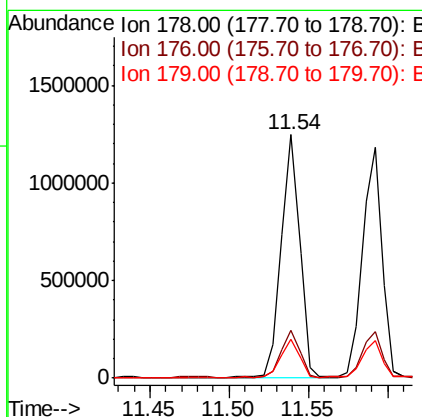
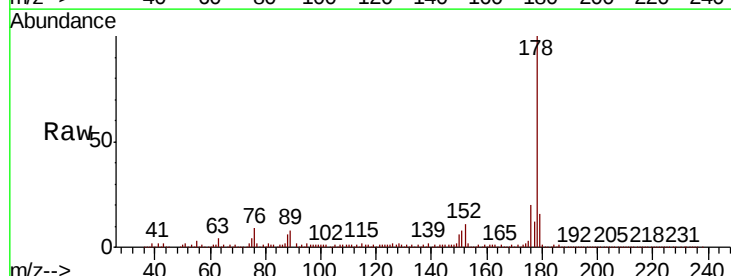
Instrument :
 BNA_F
 ClientSampleId :

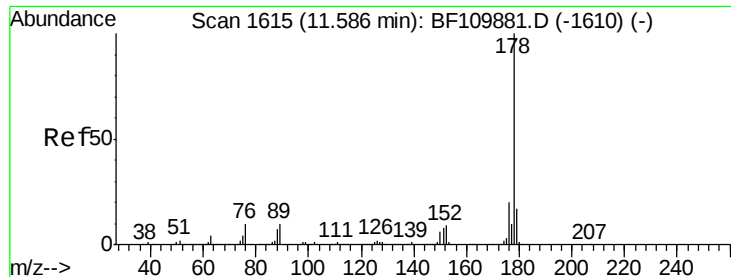
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	50.6	75.8
264	64.8	50.6	75.8



#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

Tgt 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

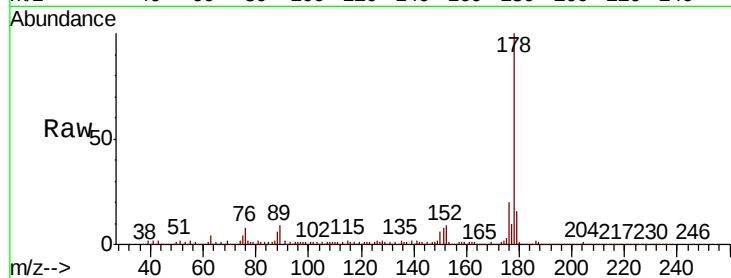
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1015828

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.1	12.6	18.8



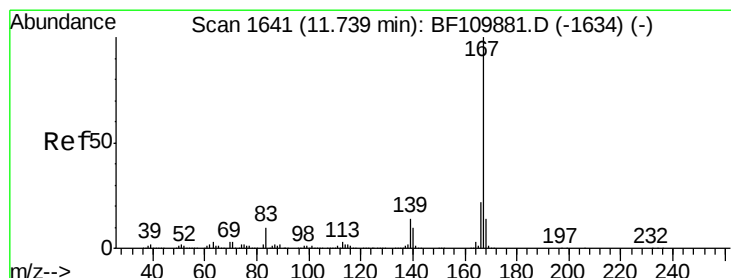
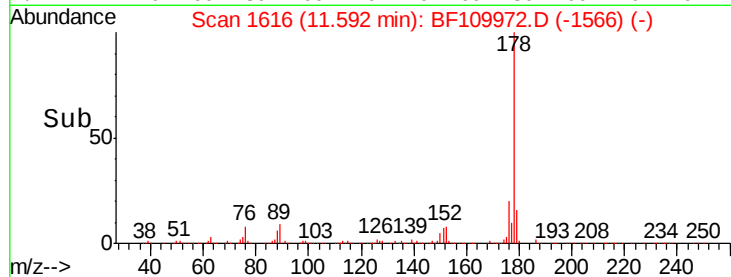
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#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

Tgt Ion:167 Resp: 868479

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

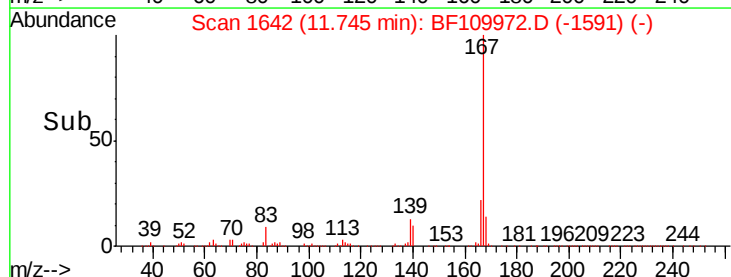
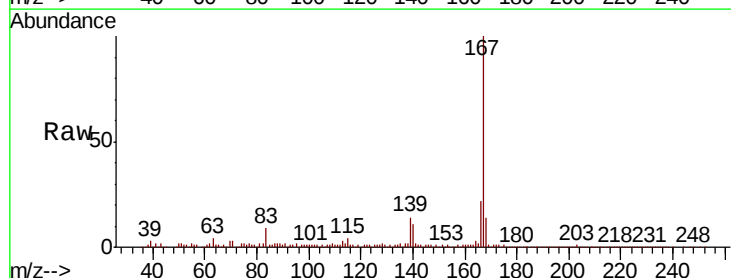
Abundance

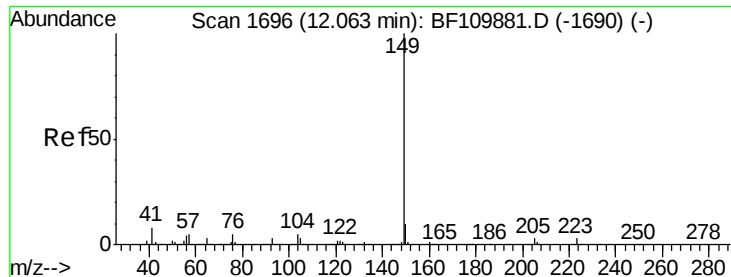
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#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

Instrument :

BNA_F

ClientSampleId :

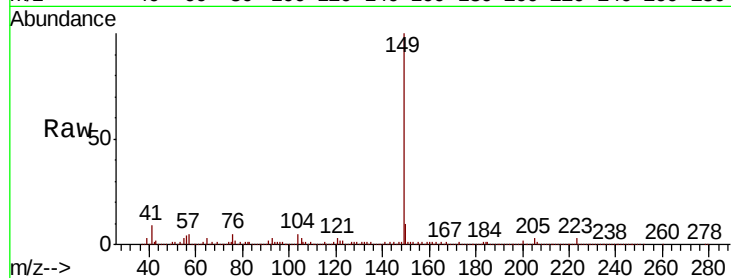
Tot Ion:149 Resp: 1025993

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

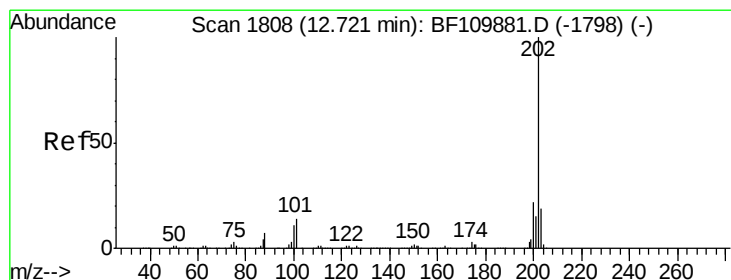
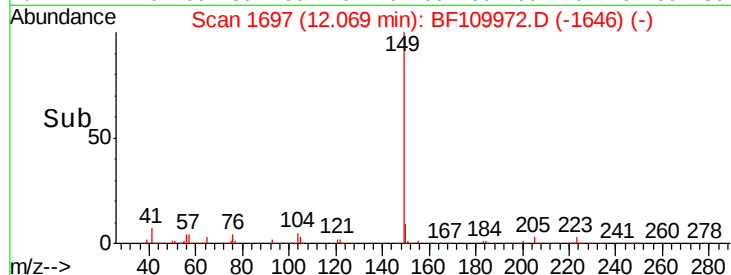
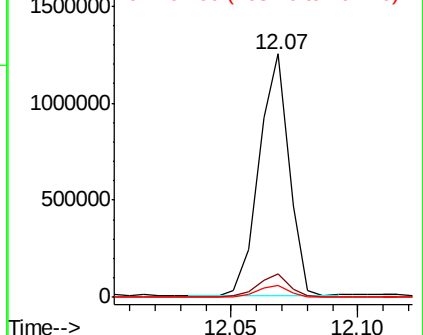
104 4.8 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#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

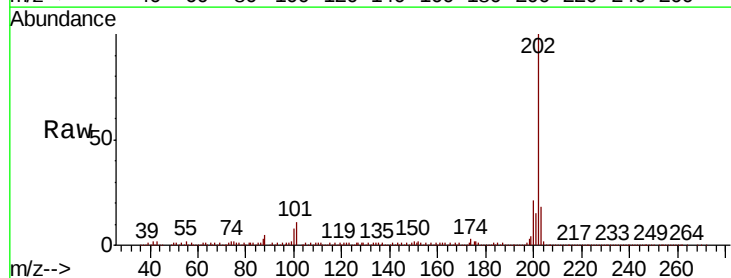
Tgt Ion:202 Resp: 918241

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

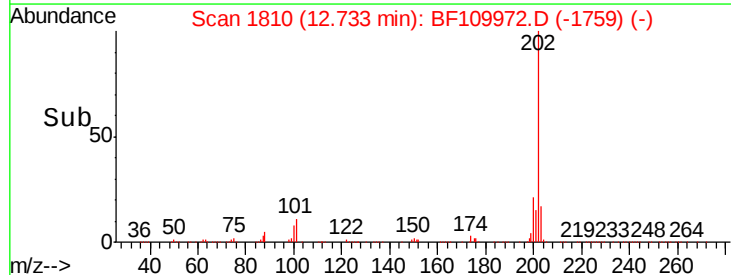
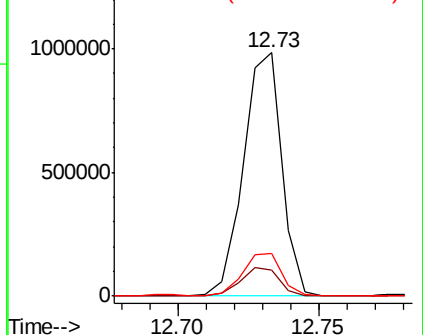
203 17.7 0.0 37.7

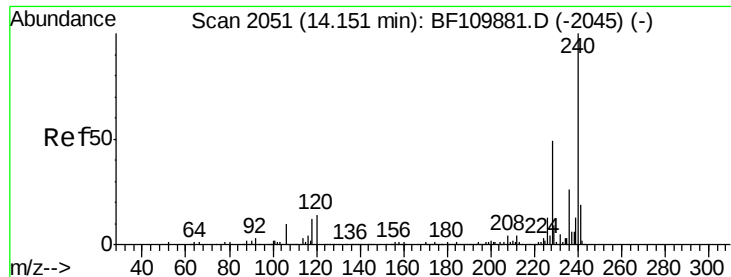


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

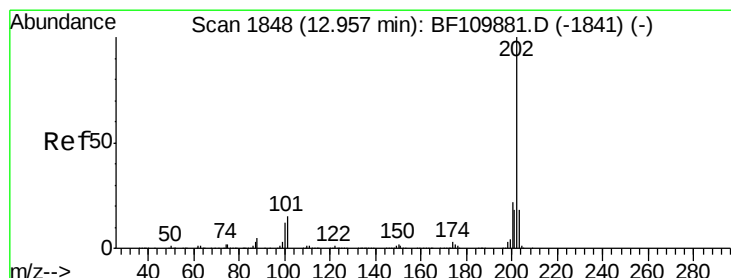
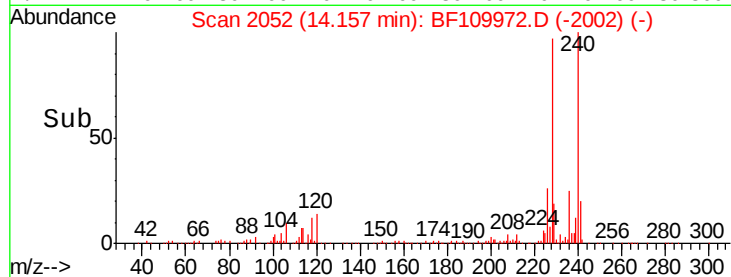
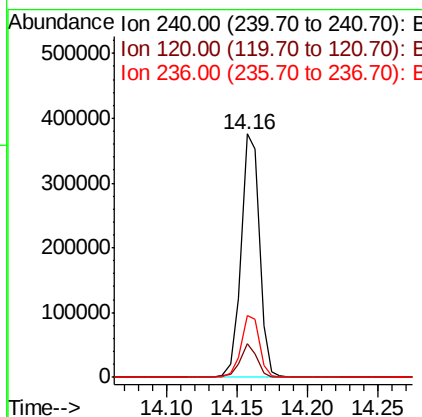
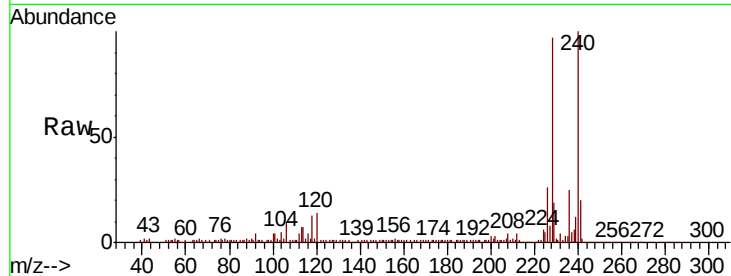




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

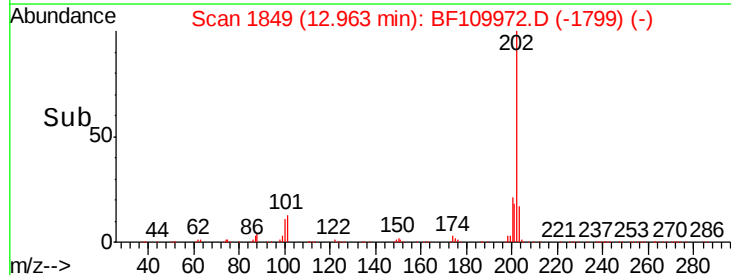
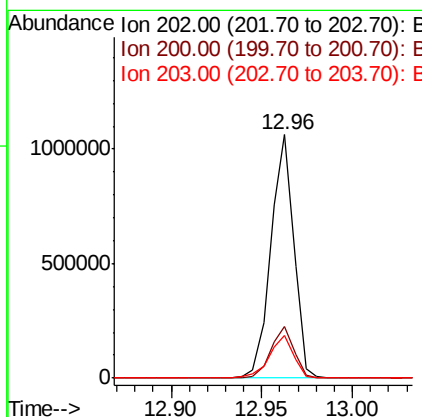
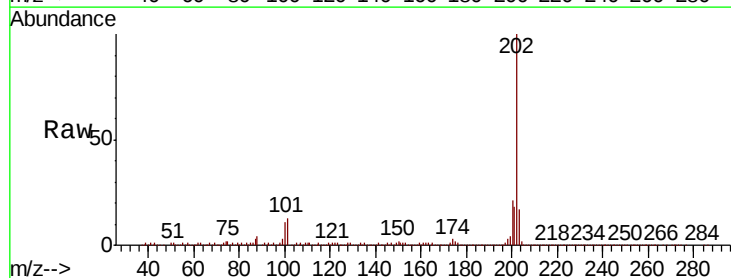
Instrument :
 BNA_F
 ClientSampleId :

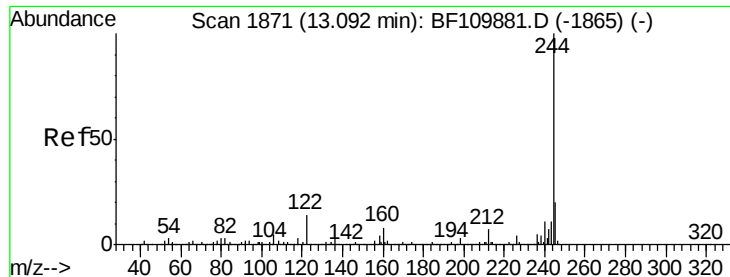
Tot Ion:240 Resp: 338117
 Ion Ratio Lower Upper
 240 100
 120 14.1 8.3 12.5#
 236 25.5 21.2 31.8



#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





#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 :

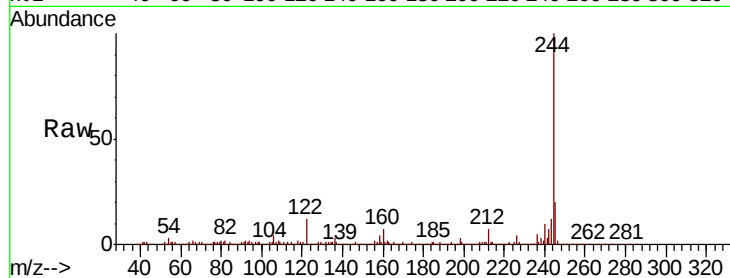
Tot Ion:244 Resp: 1158684

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

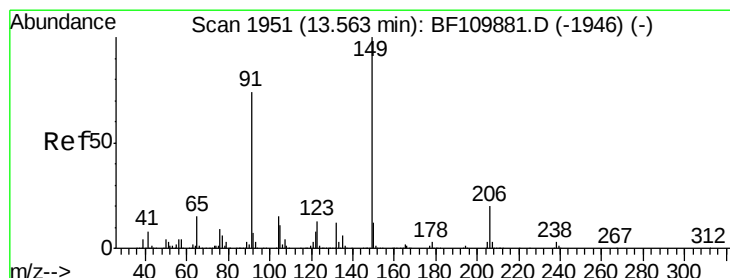
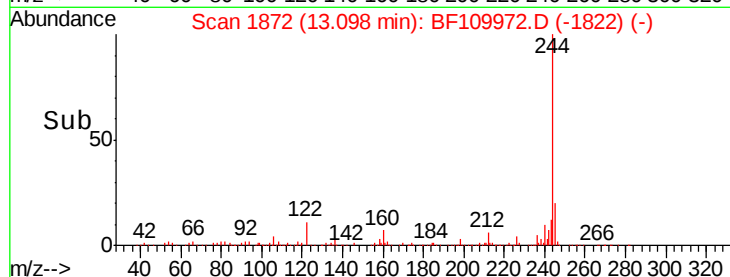
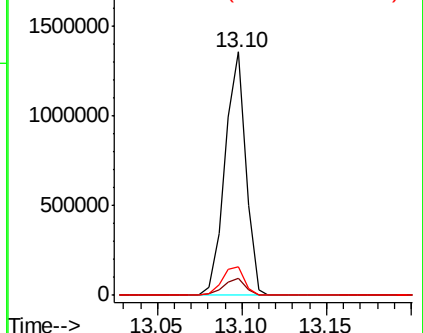
122 11.7 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

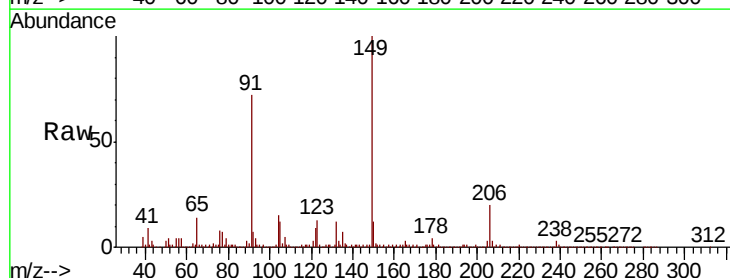
Tgt Ion:149 Resp: 422096

Ion Ratio Lower Upper

149 100

91 72.3 57.2 85.8

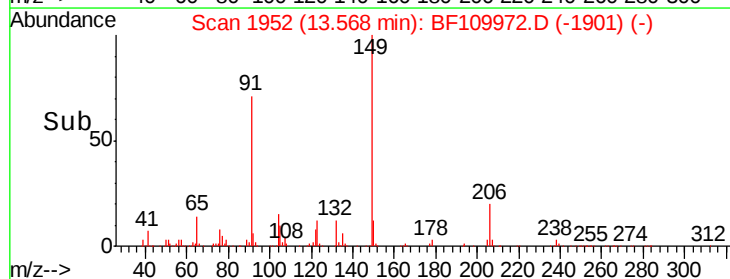
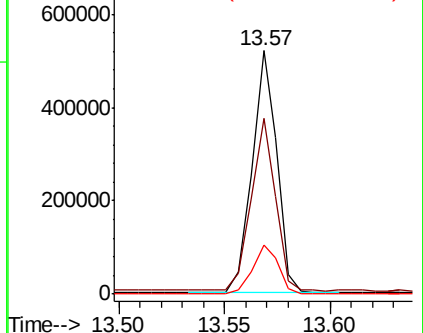
206 20.1 15.7 23.5

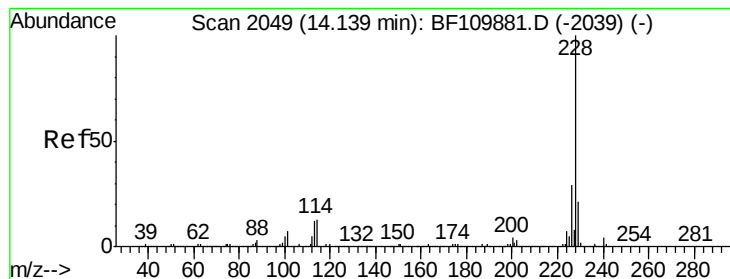


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#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

ClientSampleId :

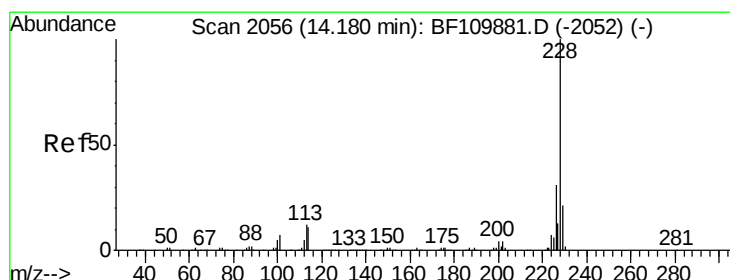
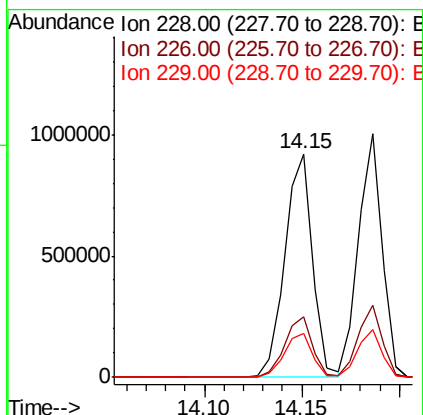
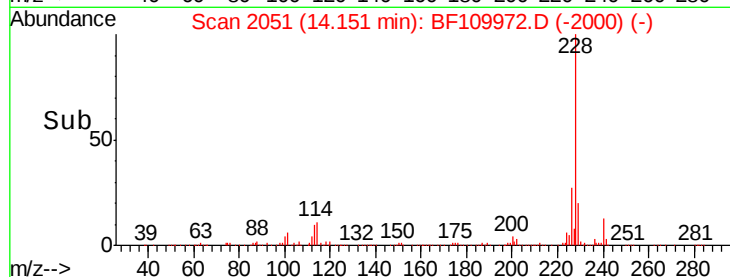
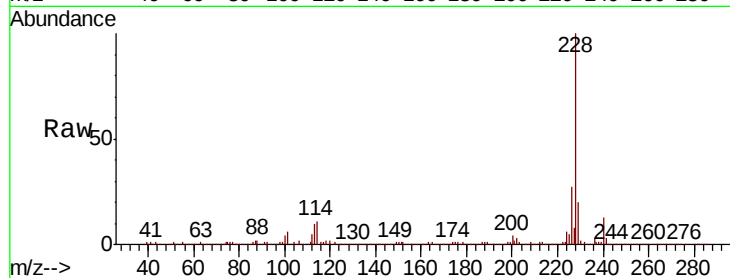
Tot Ion:228 Resp: 899604

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.8 15.6 23.4



#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

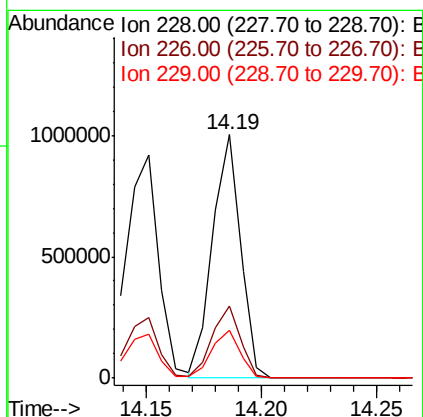
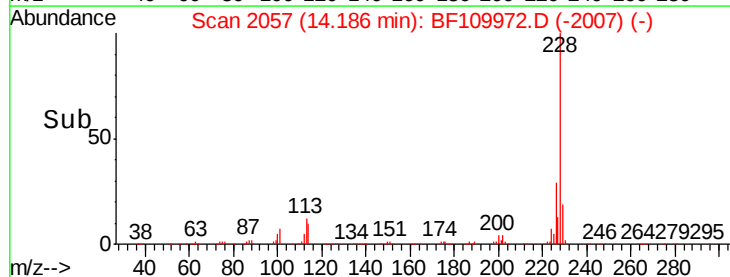
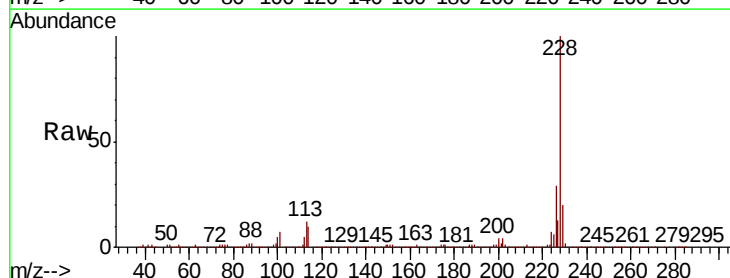
Tgt Ion:228 Resp: 841618

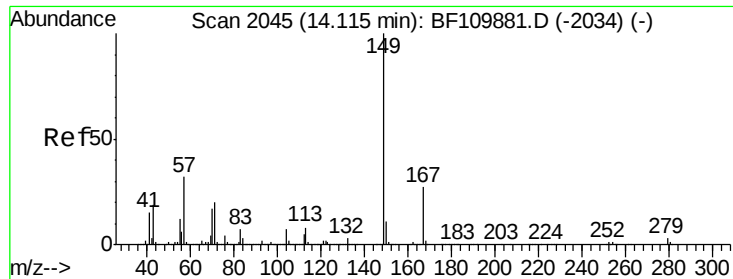
Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 19.5 15.9 23.9





#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

Instrument :

BNA_F

ClientSampleId :

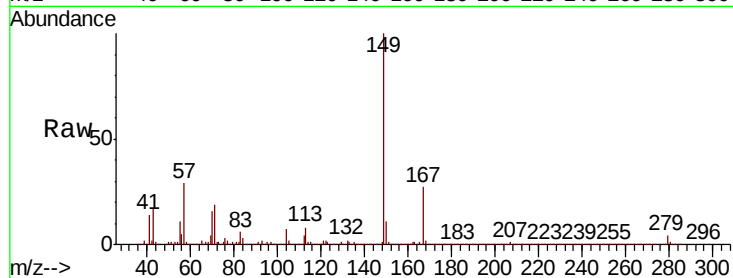
Tot Ion:149 Resp: 597238

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

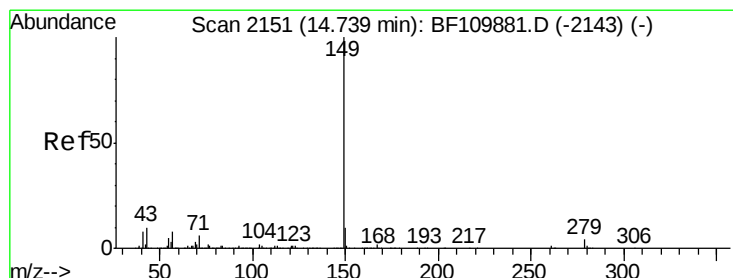
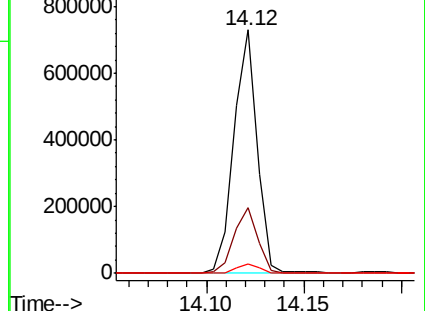
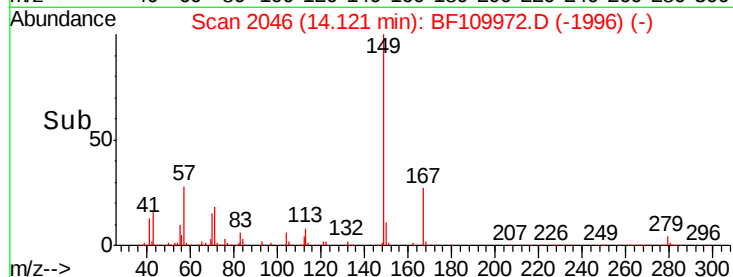
279 3.8 2.7 4.1



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

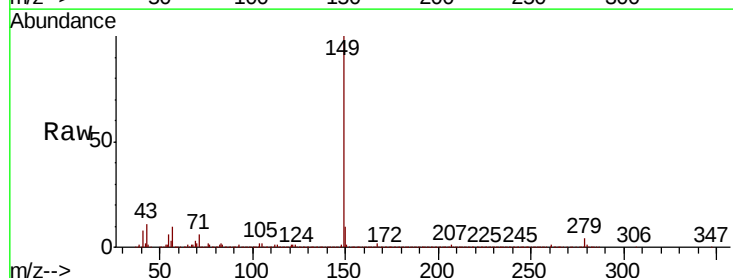
Tgt Ion:149 Resp: 1083734

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

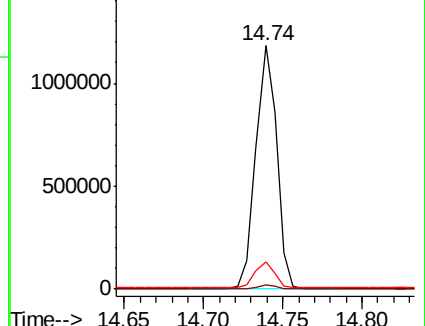
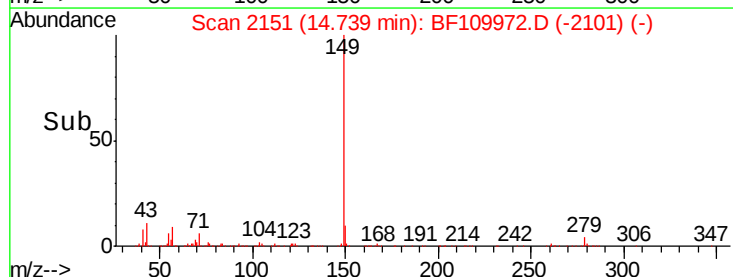
43 10.3 7.8 11.8

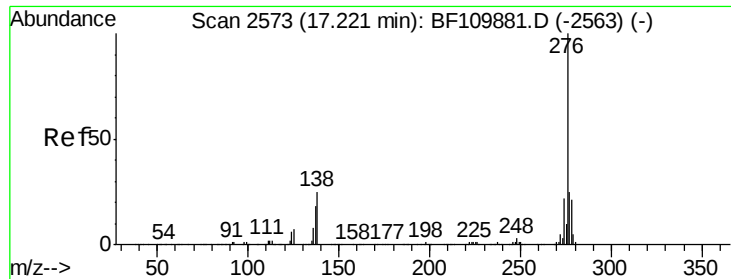


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

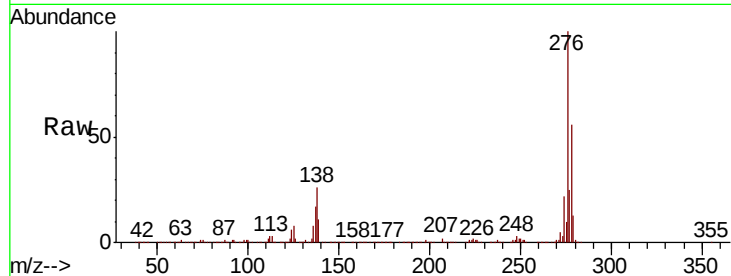




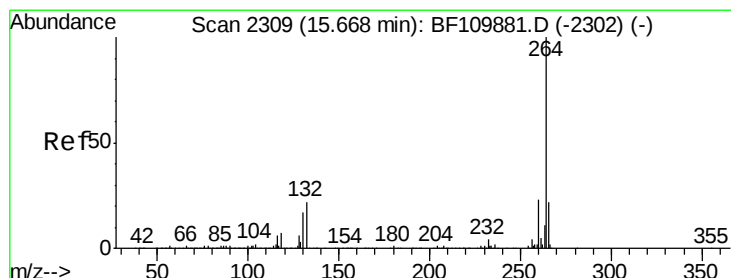
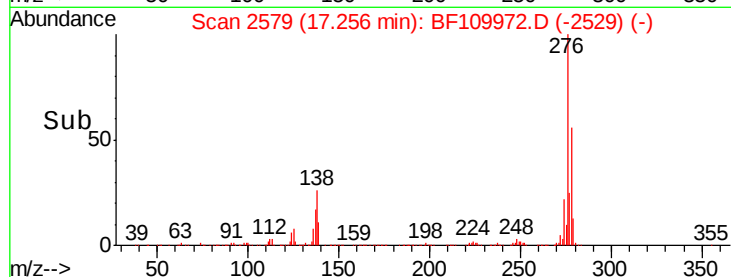
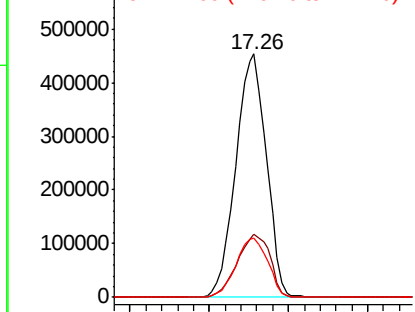
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 79.438 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1212485
 Ion Ratio Lower Upper
 276 100
 138 28.0 18.5 27.7#
 277 25.3 20.0 30.0

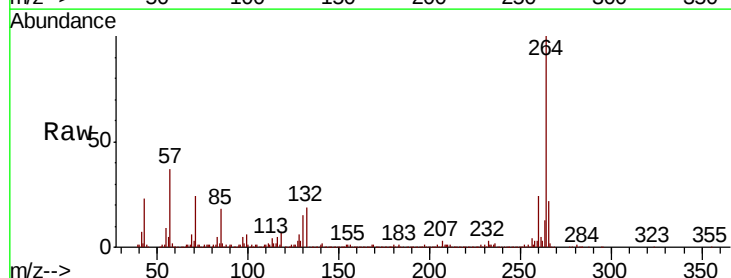


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

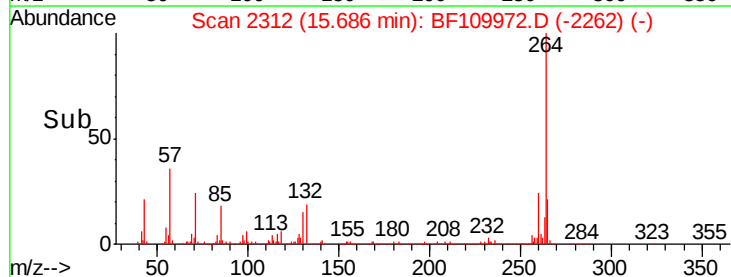
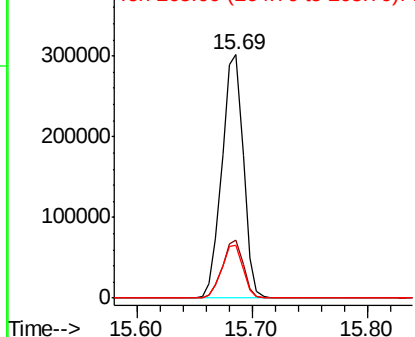


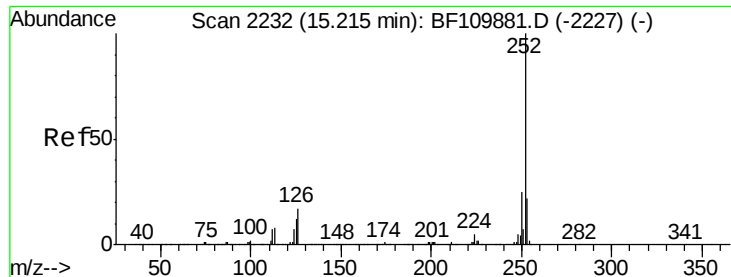
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109972.D
 Acq: 18 Oct 2018 21:25

Tgt 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

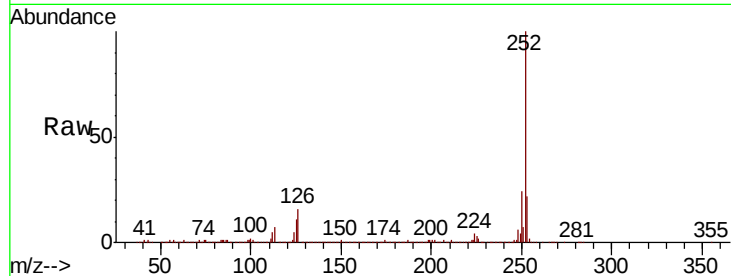




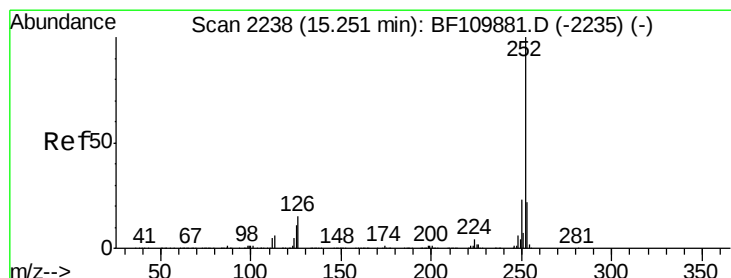
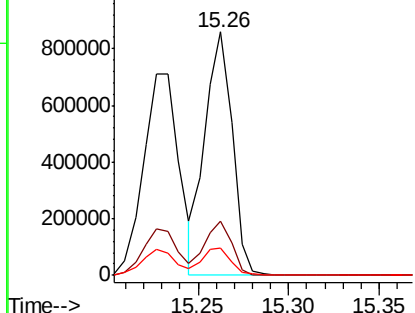
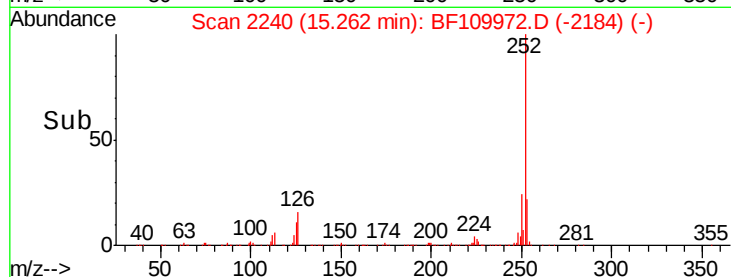
#88
Benzo(b)fluoranthene
Concen: 39.997 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 900493
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.0 8.2 12.4

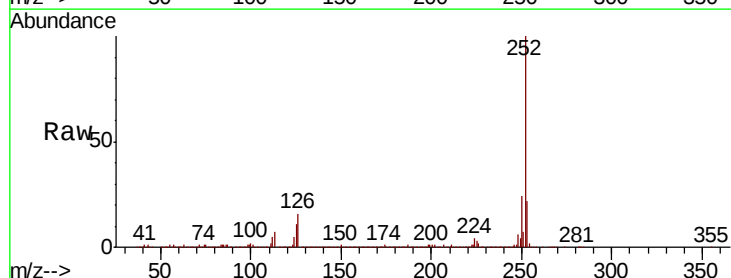


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

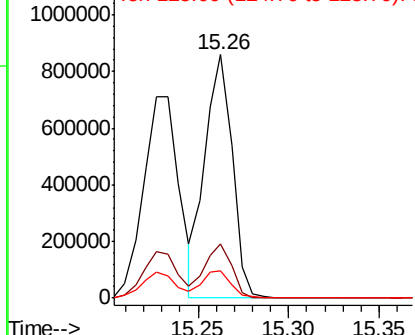
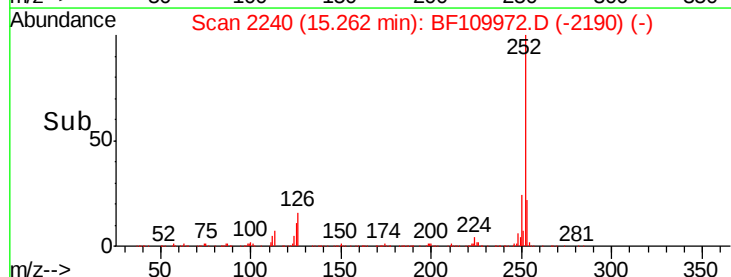


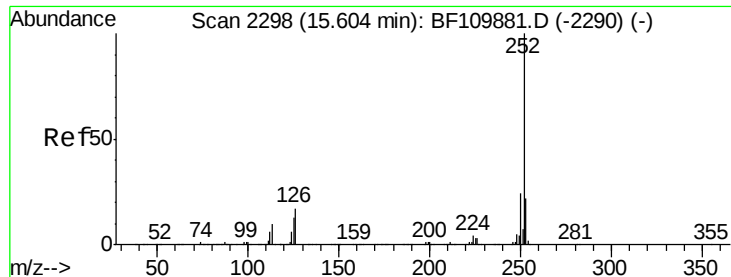
#89
Benzo(k)fluoranthene
Concen: 40.579 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109972.D
Acq: 18 Oct 2018 21:25

Tgt Ion:252 Resp: 900493
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

Instrument :

BNA_F

ClientSampleId :

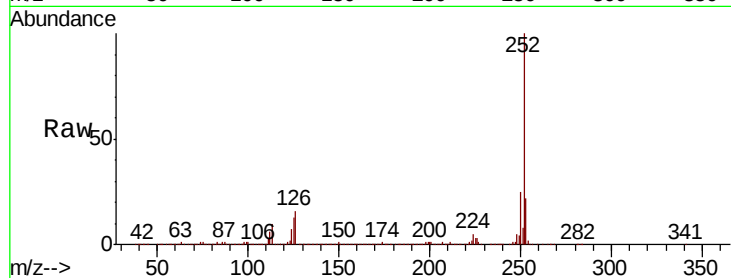
Tot Ion:252 Resp: 947281

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

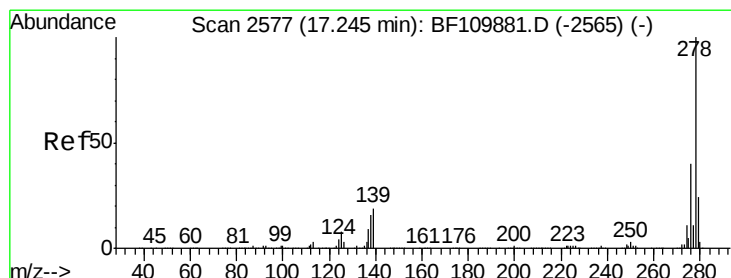
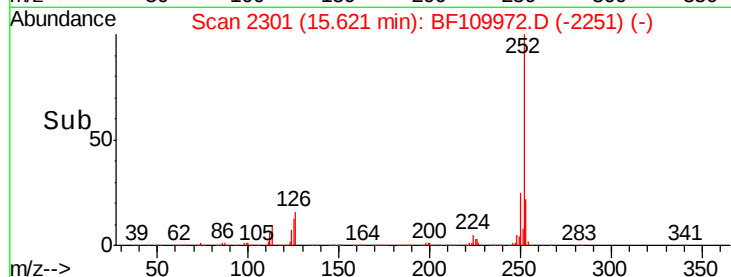
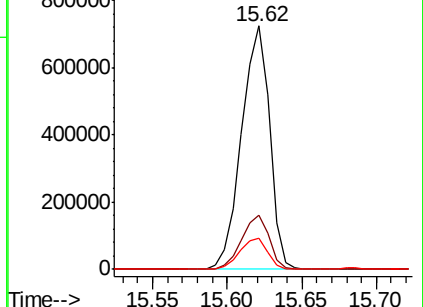
125 13.0 9.0 13.6



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

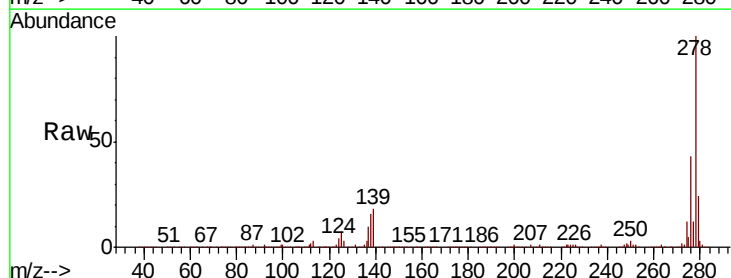
Tgt Ion:278 Resp: 1002162

Ion Ratio Lower Upper

278 100

139 18.0 12.7 19.1

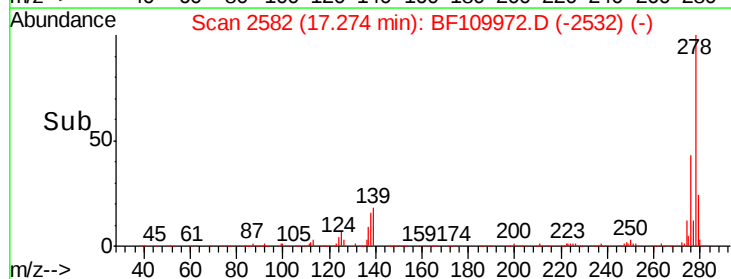
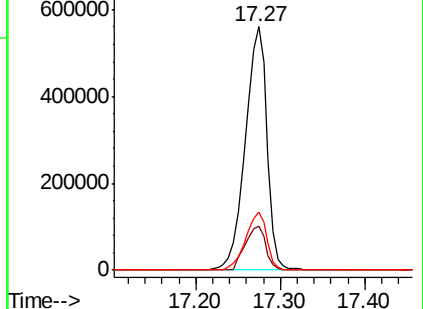
279 23.8 19.0 28.4

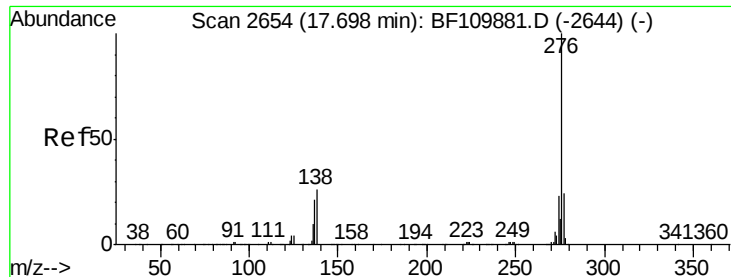


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,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

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1033493

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

