

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109973.D
 Acq On : 18 Oct 2018 21:52
 Operator : JU/SJ
 Sample : J5571-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 04:54:19 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	169805	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	620278	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	259116	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	404178	20.00	ng	0.00
76) Chrysene-d12	14.16	240	326287	20.00	ng	0.00
87) Perylene-d12	15.68	264	374869	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	559356	52.22	ng	0.00
7) Phenol-d6	6.59	99	432434	32.51	ng	-0.01
23) Nitrobenzene-d5	7.54	82	902753	98.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	285740	127.37	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1516739	93.40	ng	0.00
79) Terphenyl-d14	13.10	244	1152188	74.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	59383	9.760	ng	91
3) Pyridine	3.64	79	91605	6.753	ng	89
4) n-Nitrosodimethylamine	3.57	42	76656	13.853	ng	# 96
6) Aniline	6.64	93	143656	8.014	ng	# 51
8) 2-Chlorophenol	6.76	128	367148	30.597	ng	96
9) Benzaldehyde	6.53	77	166918	19.310	ng	95
10) Phenol	6.60	94	197887	13.779	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	425589	35.442	ng	93
12) 1,3-Dichlorobenzene	6.92	146	486737	36.992	ng	99
13) 1,4-Dichlorobenzene	6.99	146	492851	37.193	ng	98
14) 1,2-Dichlorobenzene	7.15	146	452810	37.108	ng	98
15) Benzyl Alcohol	7.11	79	209061	20.429	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	704449	35.742	ng	68
17) 2-Methylphenol	7.22	107	234597	24.245	ng	# 82
18) Hexachloroethane	7.49	117	267467	57.116	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	302935	35.469	ng	95
20) 3+4-Methylphenols	7.37	107	264734	21.561	ng	93
22) Acetophenone	7.38	105	602363	41.875	ng	98
24) Nitrobenzene	7.56	77	459850	45.972	ng	96
25) Isophorone	7.79	82	796360	44.016	ng	97
26) 2-Nitrophenol	7.87	139	227119	54.762	ng	92
27) 2,4-Dimethylphenol	7.90	122	346256	39.733	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	513516	41.357	ng	98
29) 2,4-Dichlorophenol	8.11	162	328889	38.904	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	389080	41.104	ng	94
31) Naphthalene	8.29	128	1411890	49.638	ng	99
32) Benzoic acid	8.01	122	90513	16.670	ng	96
33) 4-Chloroaniline	8.33	127	73629	5.759	ng	97
34) Hexachlorobutadiene	8.39	225	216135	41.408	ng	100
35) Caprolactam	8.69	113	1315	0.438	ng	# 1
36) 4-Chloro-3-methylphenol	8.80	107	296052	33.196	ng	96
37) 2-Methylnaphthalene	8.97	142	1021254	55.448	ng	99
38) 1-Methylnaphthalene	8.97	142	1021254	57.222	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	350414	43.906	ng	# 96

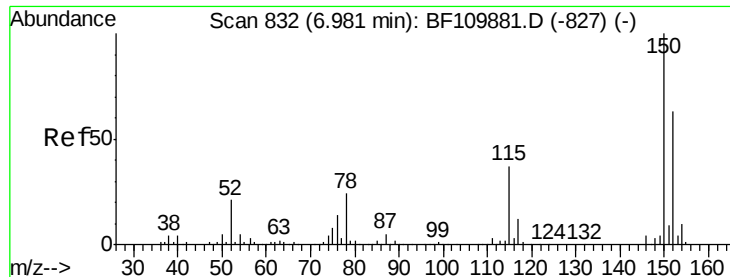
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	436226	113.243	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	219562	43.996	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	221301	42.726	nq	94
46) 1,1'-Biphenyl	9.44	154	980597	42.475	nq	100
47) 2-Chloronaphthalene	9.47	162	725771	42.679	nq	98
48) 2-Nitroaniline	9.56	65	203106	46.541	nq	90
49) Acenaphthylene	9.89	152	1097786	44.437	nq	97
50) Dimethylphthalate	9.74	163	792304	43.183	nq	99
51) 2,6-Dinitrotoluene	9.80	165	172995	49.642	nq	85
52) Acenaphthene	10.06	154	800486	50.896	nq	98
53) 3-Nitroaniline	9.97	138	48347	11.405	nq	# 83
54) 2,4-Dinitrophenol	10.07	184	143951	124.137	nq	91
55) Dibenzofuran	10.23	168	989076	44.096	nq	98
56) 4-Nitrophenol	10.13	139	102088	31.562	nq	95
57) 2,4-Dinitrotoluene	10.20	165	226134	51.048	nq	# 86
58) Fluorene	10.57	166	808358	49.507	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	178606	43.511	nq	# 91
60) Diethylphthalate	10.43	149	723889	39.946	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	353638	41.578	nq	96
62) 4-Nitroaniline	10.59	138	106921	26.645	nq	95
63) Azobenzene	10.72	77	711991	37.609	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	97565	63.563	nq	79
66) n-Nitrosodiphenylamine	10.68	169	614583	45.655	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	199715	45.595	nq	# 89
68) Hexachlorobenzene	11.12	284	208490	44.635	nq	97
69) Atrazine	11.23	200	117571	27.960	nq	95
70) Pentachlorophenol	11.32	266	216464	81.431	nq	97
71) Phenanthrene	11.54	178	970759	46.393	nq	99
72) Anthracene	11.59	178	973747	46.288	nq	99
73) Carbazole	11.74	167	842439	40.747	nq	99
74) Di-n-butylphthalate	12.07	149	1008777	43.720	nq	99
75) Fluoranthene	12.73	202	906758	43.379	nq	99
77) Benzidine	12.82	184	1048	0.084	nq	# 1
78) Pyrene	12.96	202	909800	37.964	nq	98
80) Butylbenzylphthalate	13.57	149	425597	43.927	nq	98
81) Benzo(a)anthracene	14.15	228	888944	46.253	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	370	0.055	nq	# 23
83) Chrysene	14.19	228	832296	45.496	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	614029	48.164	nq	95
85) Di-n-octyl phthalate	14.74	149	1083351	60.274	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1155125	78.424	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	961644	44.496	nq	97
89) Benzo(k)fluoranthene	15.26	252	871235	40.899	nq	98
90) Benzo(a)pyrene	15.62	252	919796	46.274	nq	97
91) Dibenzo(a,h)anthracene	17.27	278	948804	53.862	nq	97
92) Benzo(g,h,i)perylene	17.73	276	987752	55.498	nq	# 95

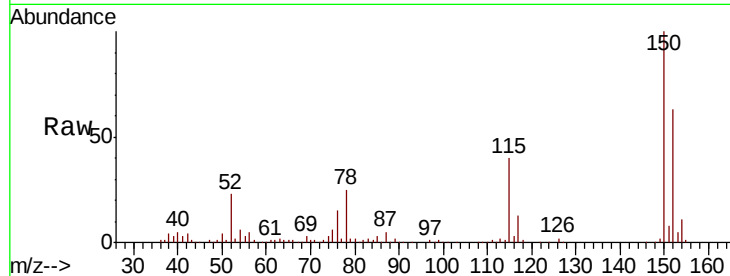
(#) = qualifier out of range (m) = manual integration (+) = signals summed



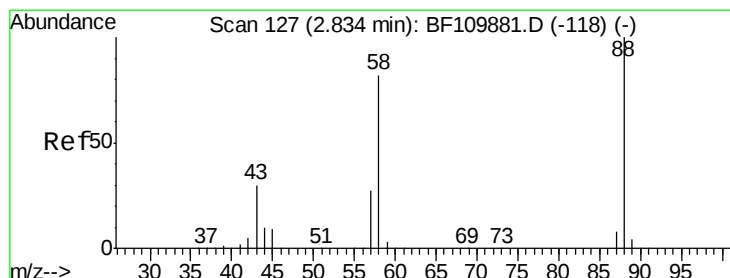
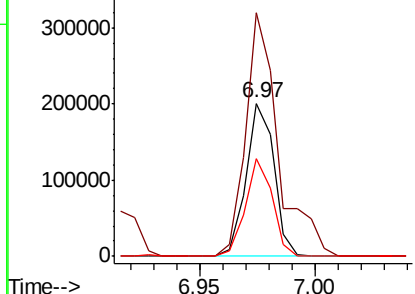
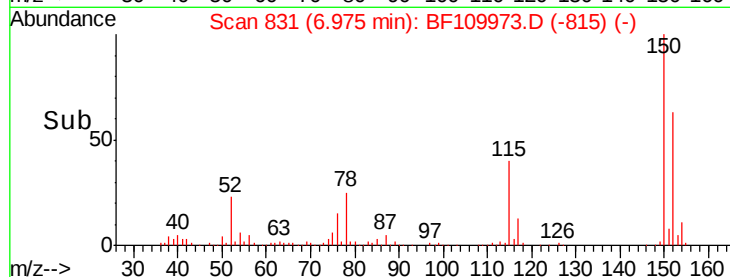
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 169805
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.7 184.1
 115 63.4 49.1 73.7

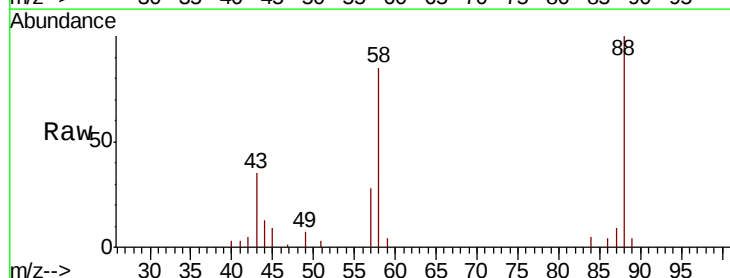


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

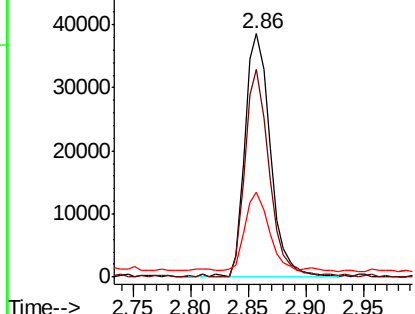
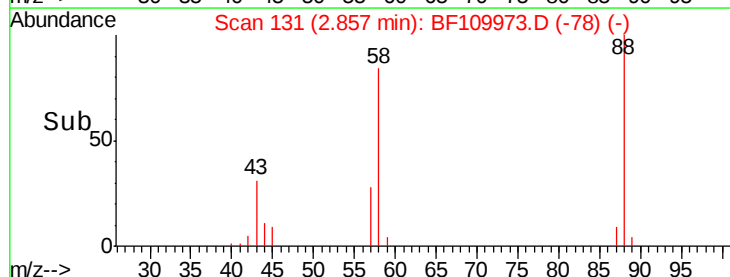


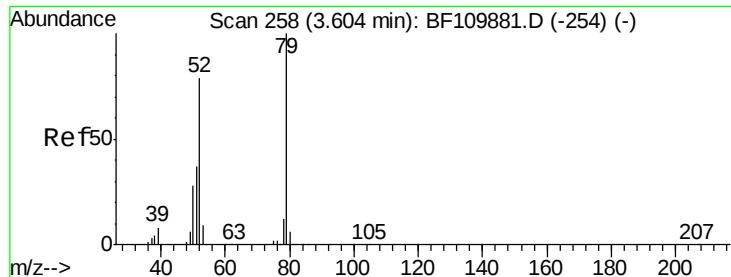
#2
 1,4-Dioxane
 Concen: 9.760 ng
 RT: 2.86 min Scan# 131
 Delta R.T. 0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion: 88 Resp: 59383
 Ion Ratio Lower Upper
 88 100
 58 82.1 57.1 85.7
 43 30.2 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: 6.753 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.02 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

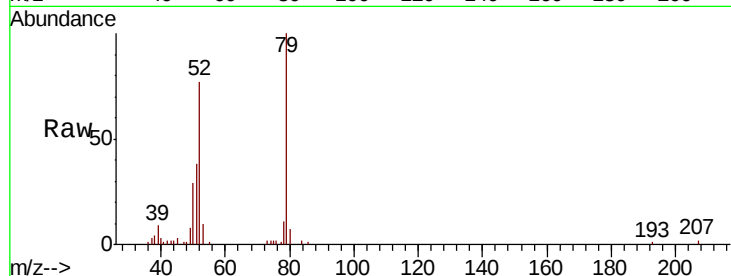
Tot Ion: 79 Resp: 91605

Ion Ratio Lower Upper

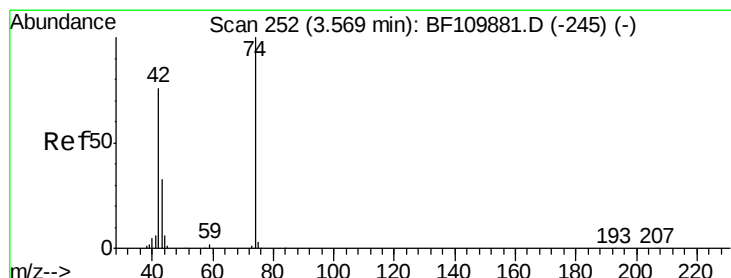
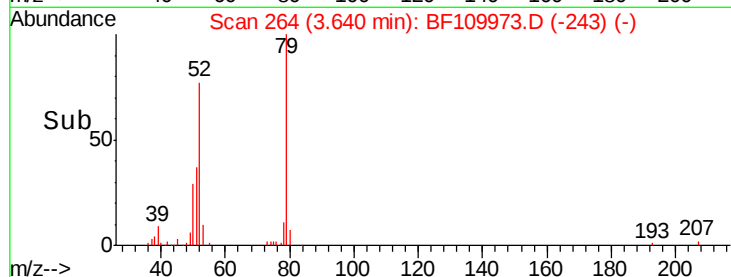
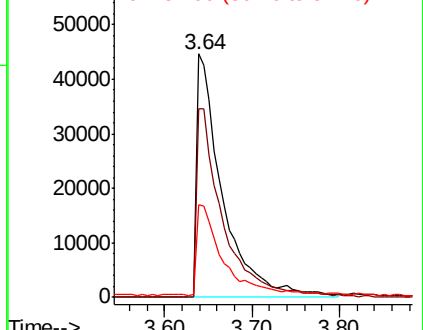
79 100

52 77.3 53.1 79.7

51 38.1 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: 13.853 ng

RT: 3.57 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

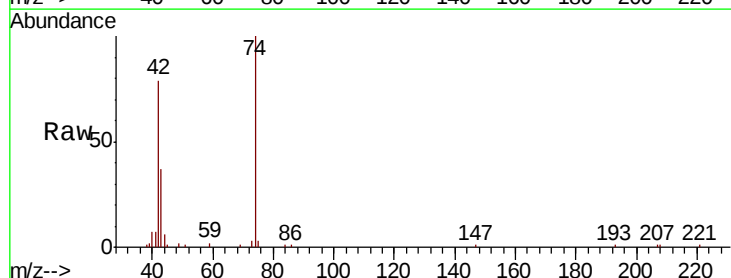
Tgt Ion: 42 Resp: 76656

Ion Ratio Lower Upper

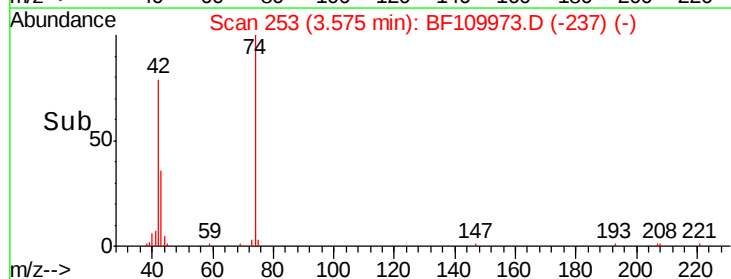
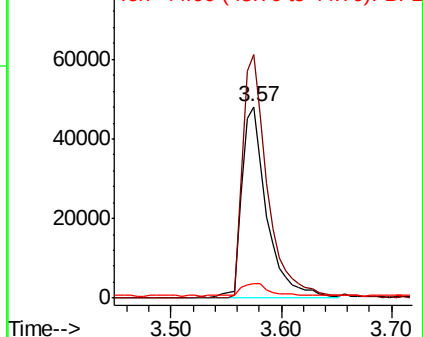
42 100

74 127.2 105.5 158.3

44 7.5 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: 52.216 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

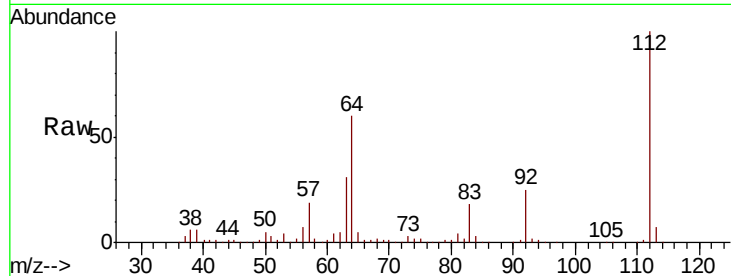
Tot Ion:112 Resp: 559356

Ion Ratio Lower Upper

112 100

64 60.2 44.1 66.1

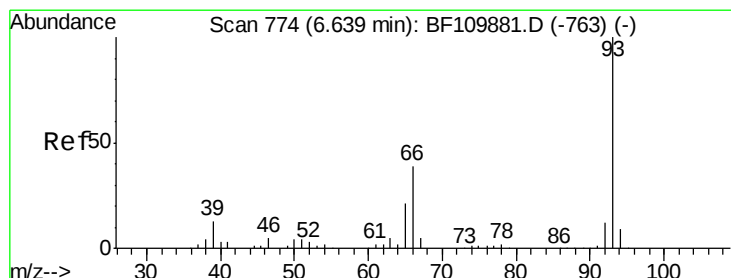
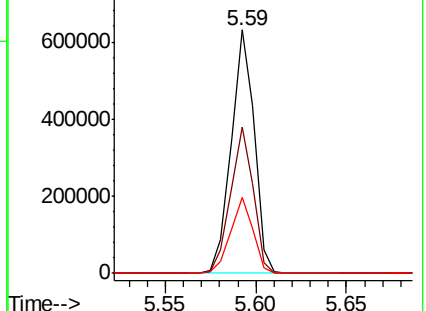
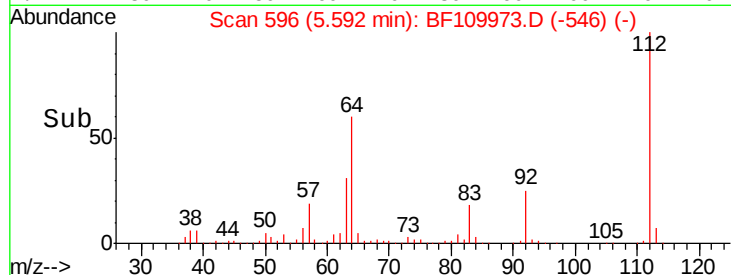
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.014 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

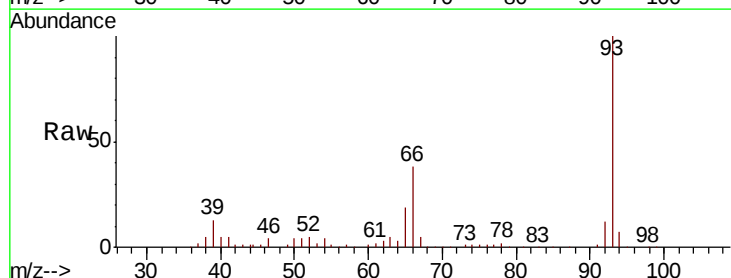
Tgt Ion: 93 Resp: 143656

Ion Ratio Lower Upper

93 100

66 38.1 67.4 101.0#

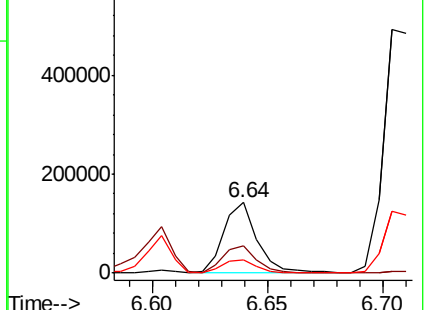
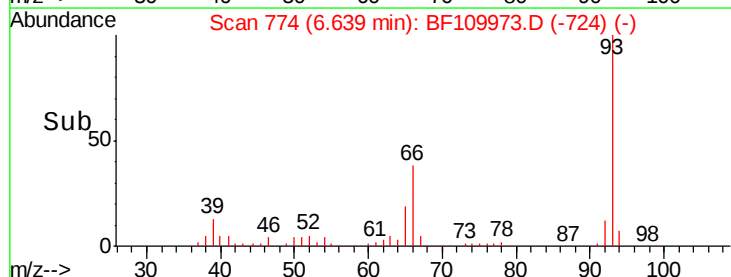
65 19.0 41.0 61.4#

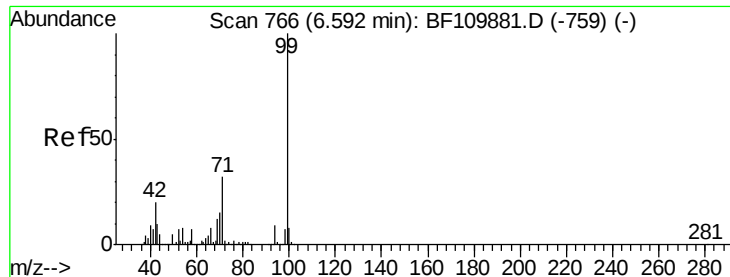


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 32.509 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

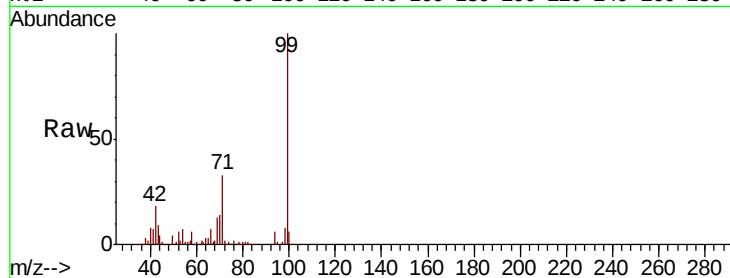
Tot Ion: 99 Resp: 432434

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 33.0 28.0 42.0



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

600000

500000

400000

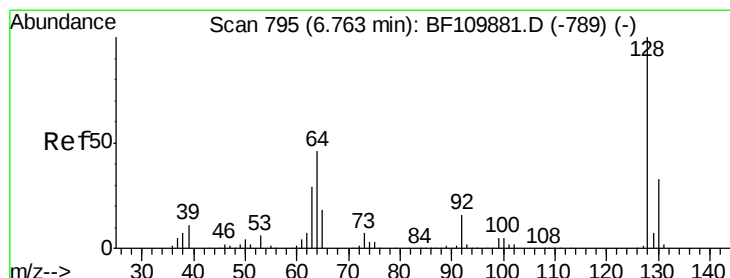
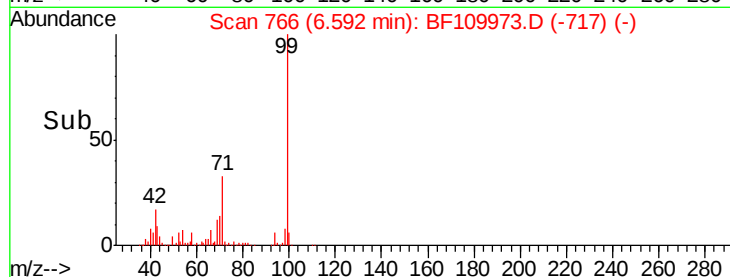
300000

200000

100000

0

Time-->



#8

2-Chlorophenol

Concen: 30.597 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

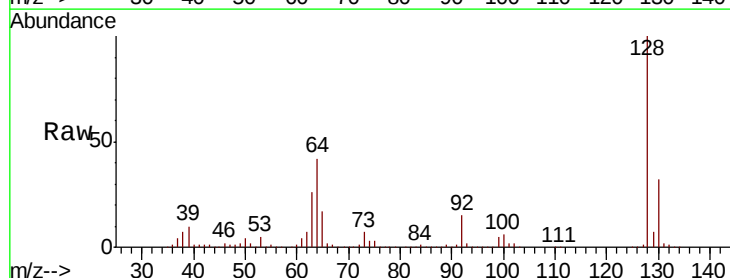
Tgt Ion: 128 Resp: 367148

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

64 42.2 26.0 66.0



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

600000

500000

400000

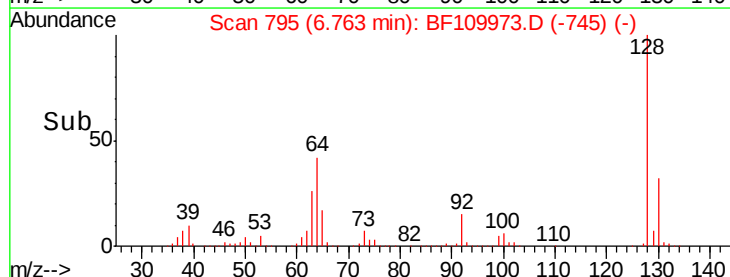
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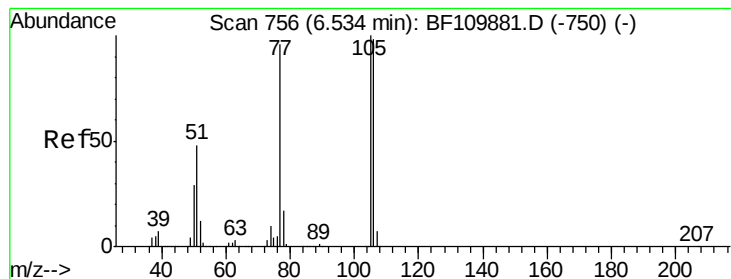
200000

100000

0

Time-->





#9

Benzaldehyde

Concen: 19.310 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampled :

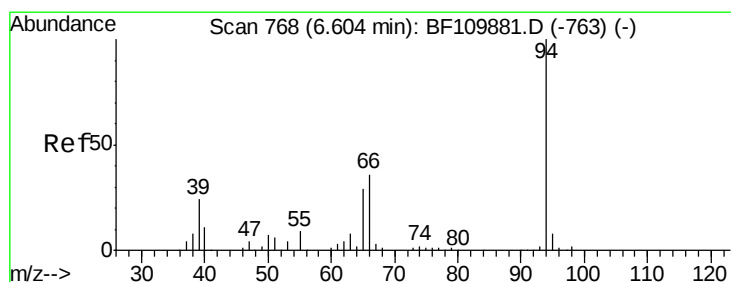
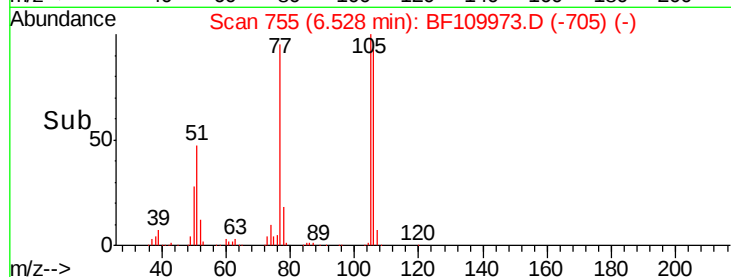
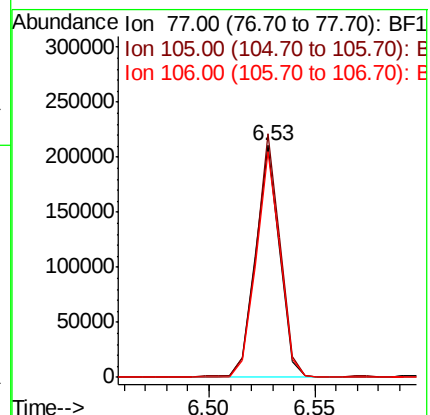
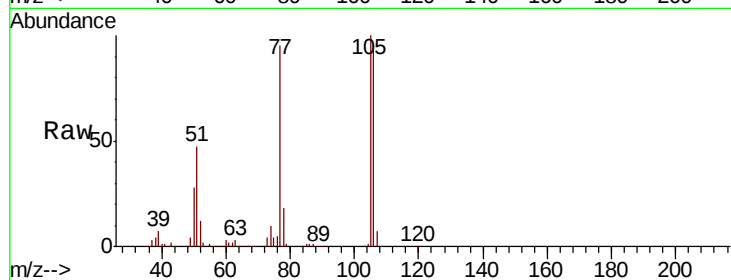
Tot Ion: 77 Resp: 166918

Ion Ratio Lower Upper

77 100

105 105.0 78.6 118.6

106 97.3 74.8 114.8



#10

Phenol

Concen: 13.779 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

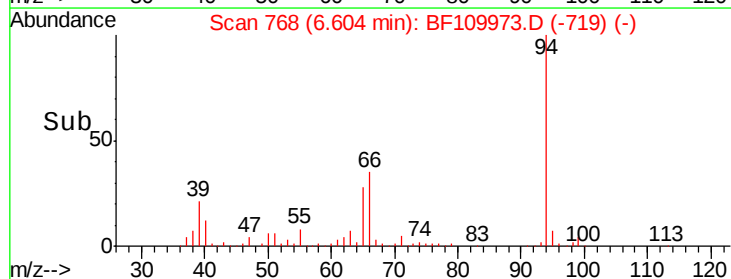
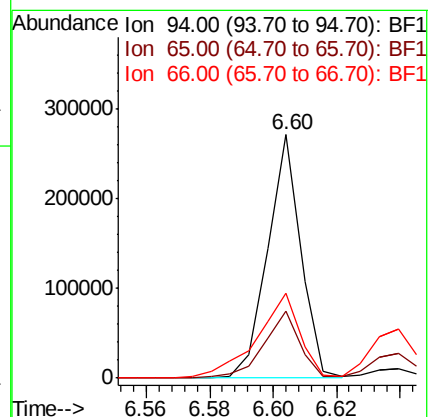
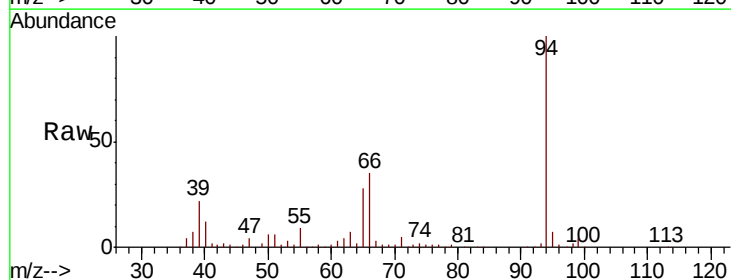
Tgt Ion: 94 Resp: 197887

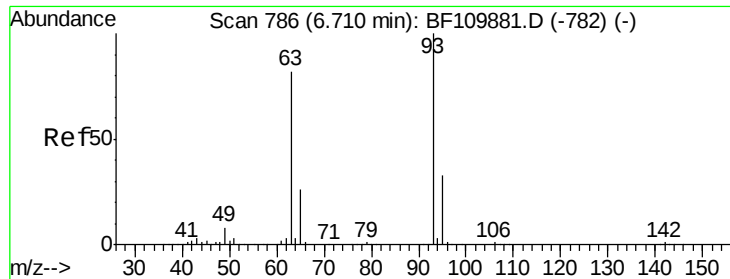
Ion Ratio Lower Upper

94 100

65 27.6 25.3 65.3

66 34.9 54.5 94.5#

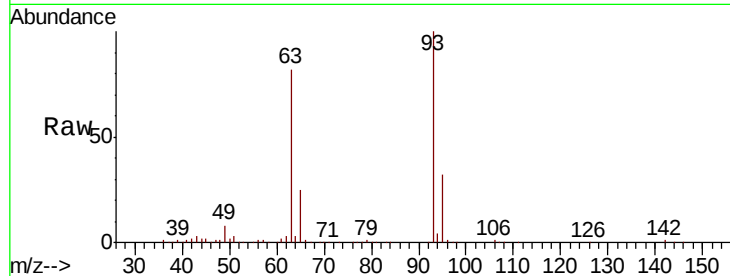




#11
bis(2-Chloroethyl)ether
Concen: 35.442 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	53.4	93.4
95	32.3	12.1	52.1

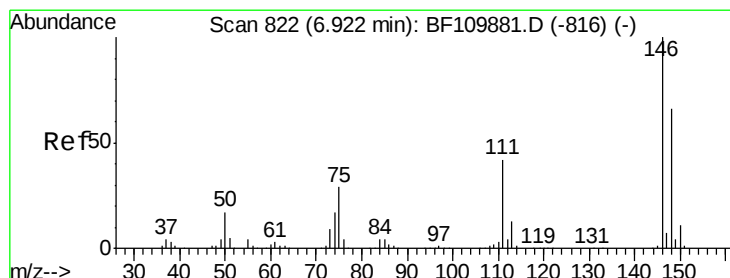
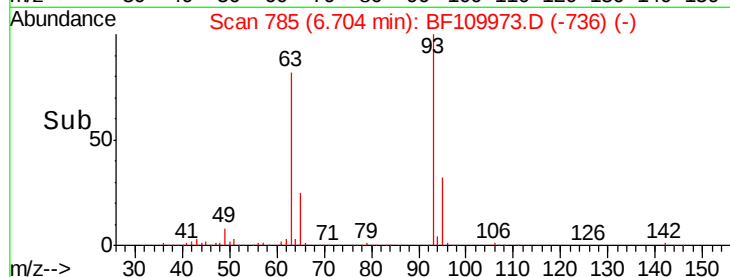
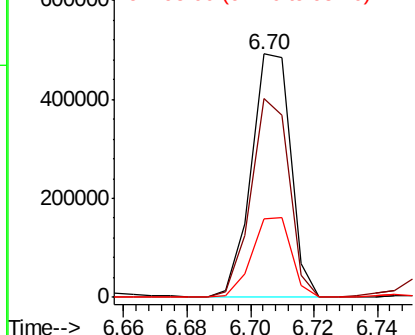


Abundance

Ion 93.00 (92.70 to 93.70): BF1

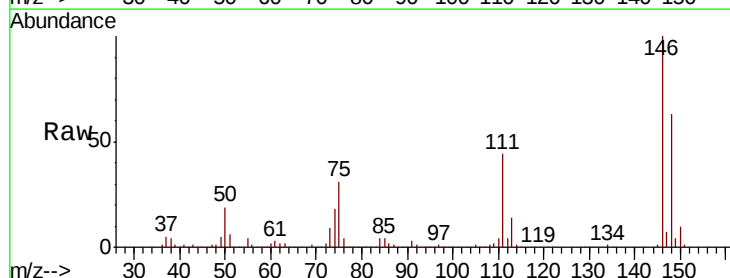
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 36.992 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
75	30.9	25.8	38.6

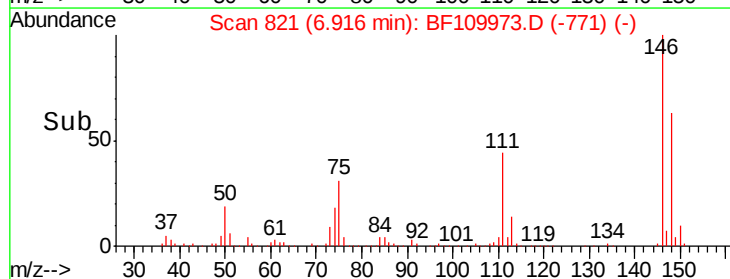
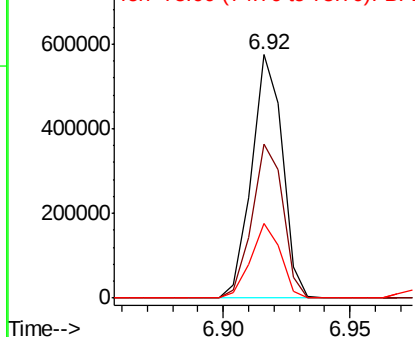


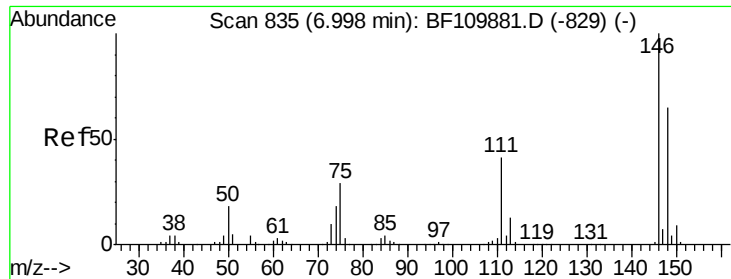
Abundance

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

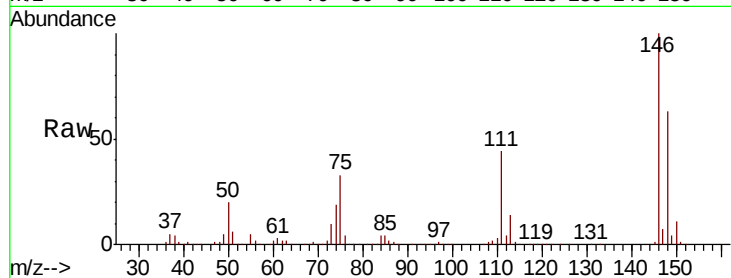




#13
 1,4-Dichlorobenzene
 Concen: 37.193 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.7	32.7	49.1

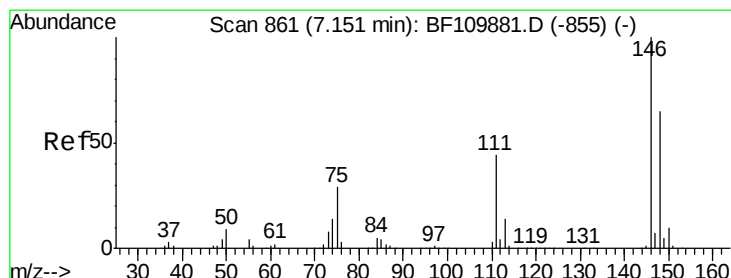
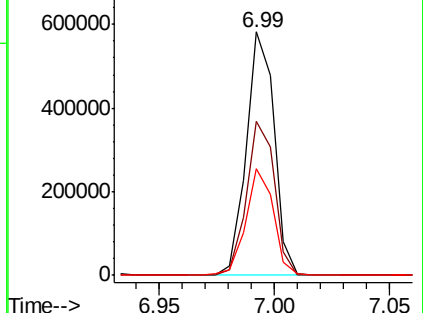
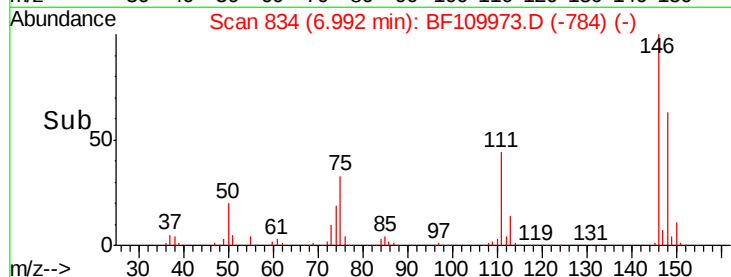


Abundance

Ion 146.00 (145.70 to 146.70): E

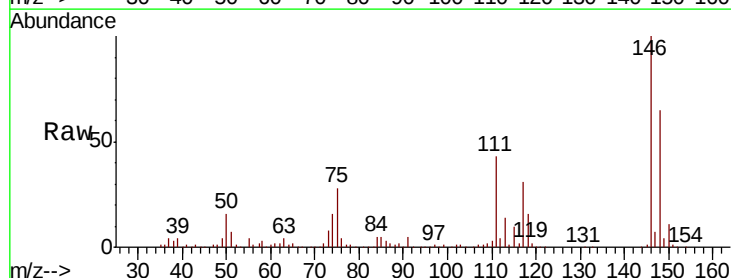
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.108 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	42.7	35.8	53.6

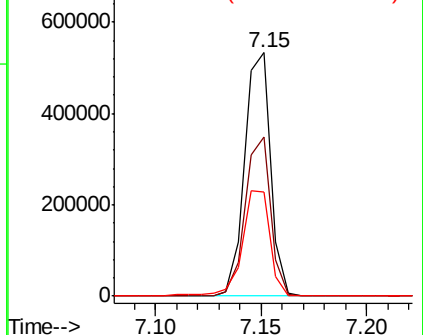
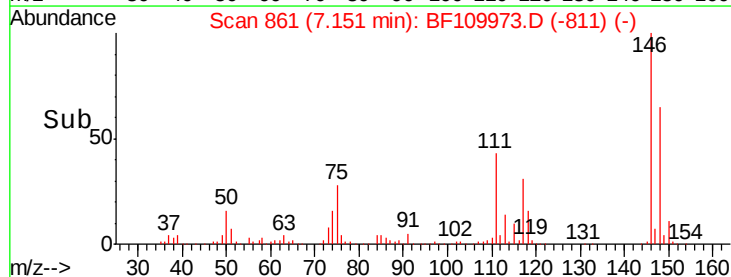


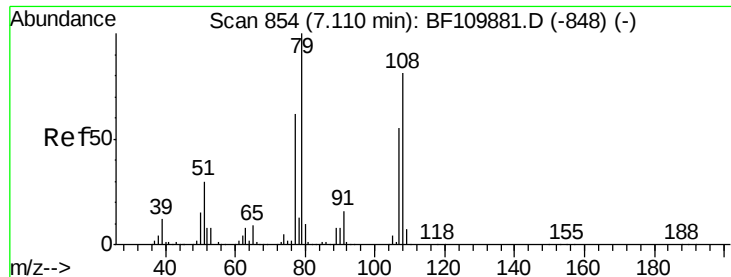
Abundance

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: 20.429 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

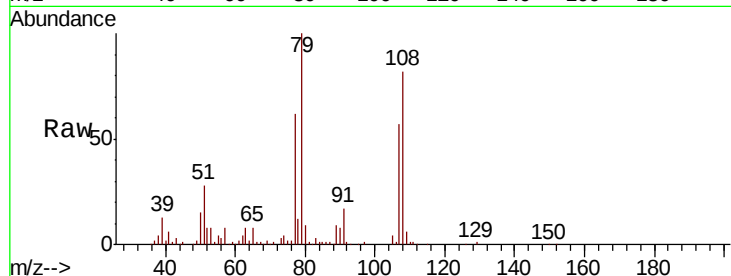
Tot Ion: 79 Resp: 209061

Ion Ratio Lower Upper

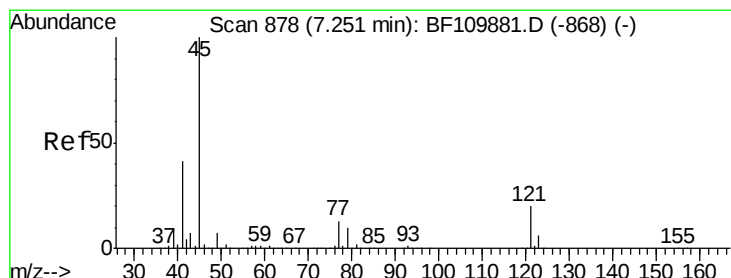
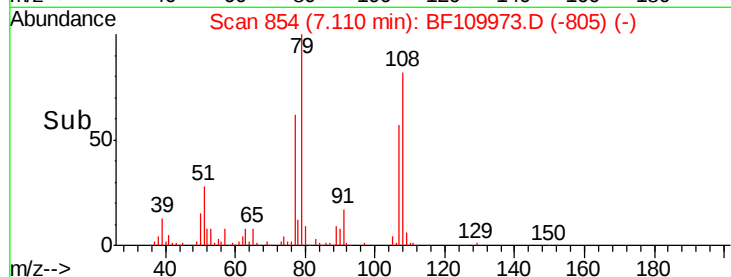
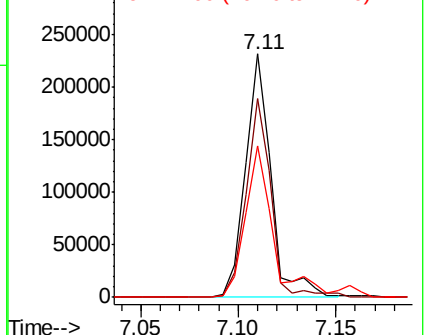
79 100

108 81.9 56.3 84.5

77 62.3 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: 35.742 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

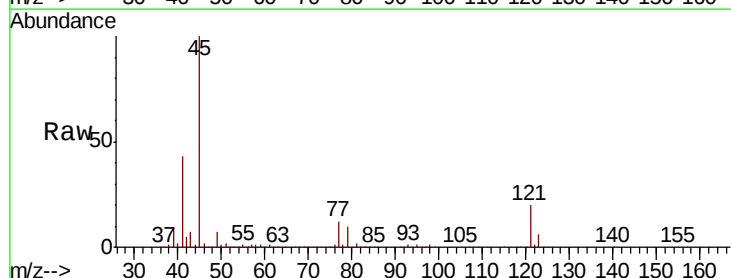
Tgt Ion: 45 Resp: 704449

Ion Ratio Lower Upper

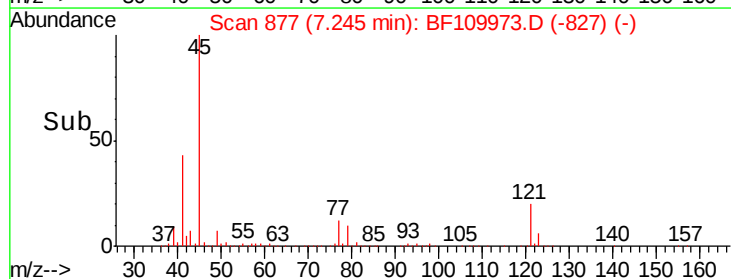
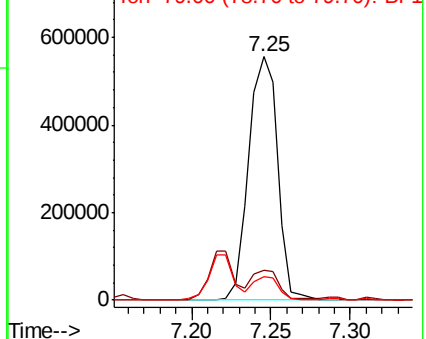
45 100

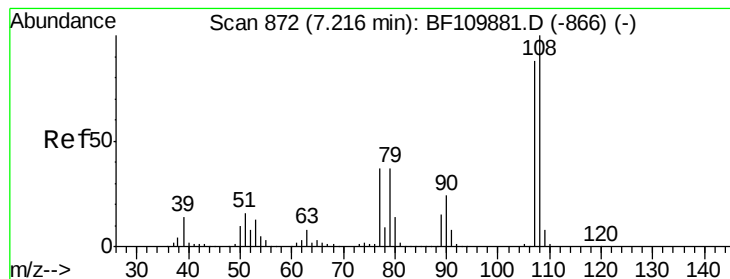
77 12.5 10.0 50.0

79 9.6 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: 24.245 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 234597

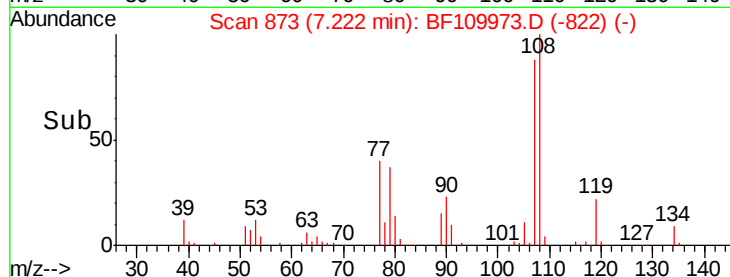
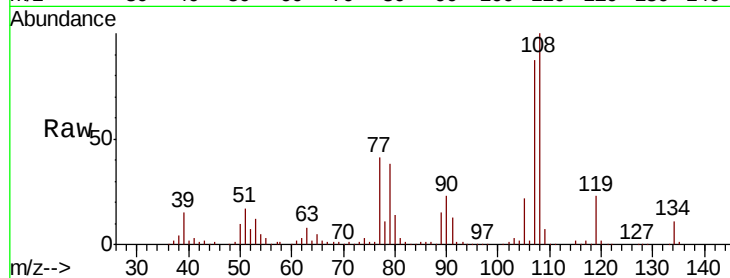
Ion Ratio Lower Upper

107 100

108 114.5 92.6 138.8

77 46.8 59.4 89.2#

79 43.7 54.0 81.0#

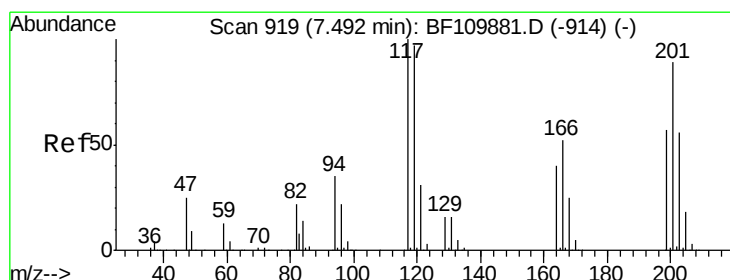
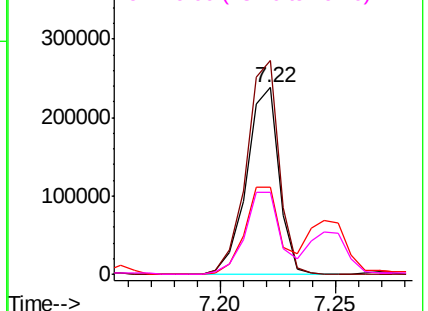


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 57.116 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

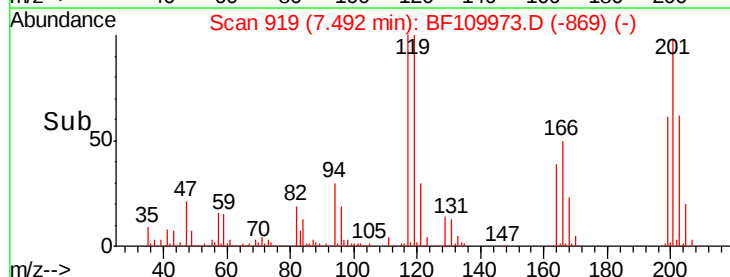
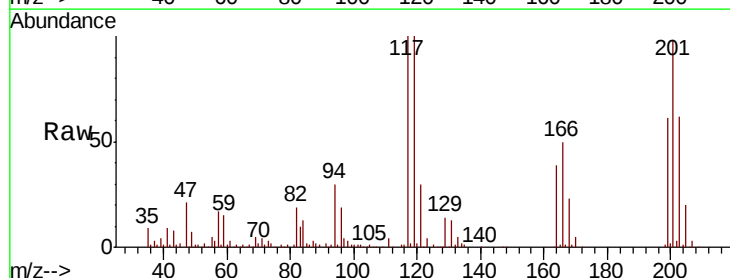
Tgt Ion:117 Resp: 267467

Ion Ratio Lower Upper

117 100

119 99.8 75.0 112.6

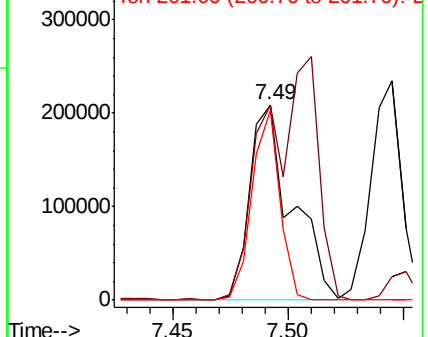
201 97.5 79.2 118.8

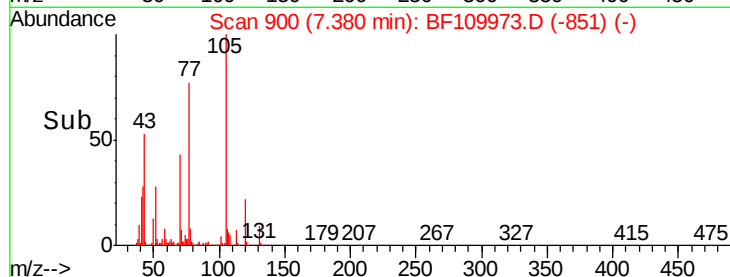
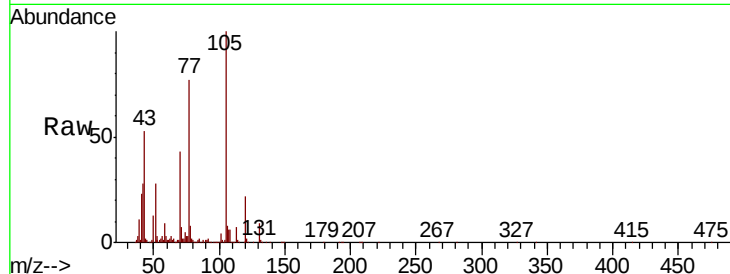
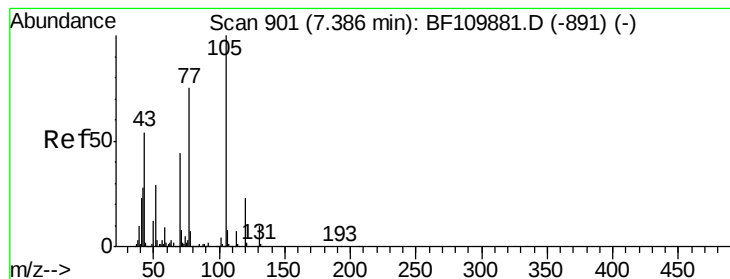


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.469 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 302935

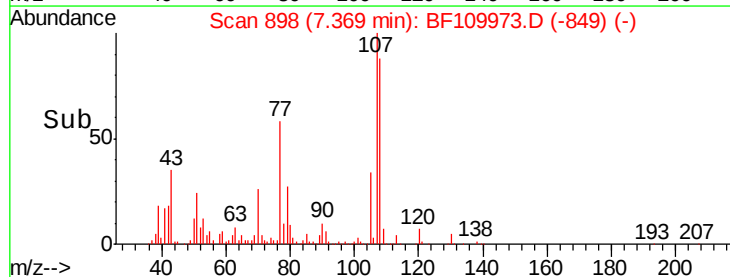
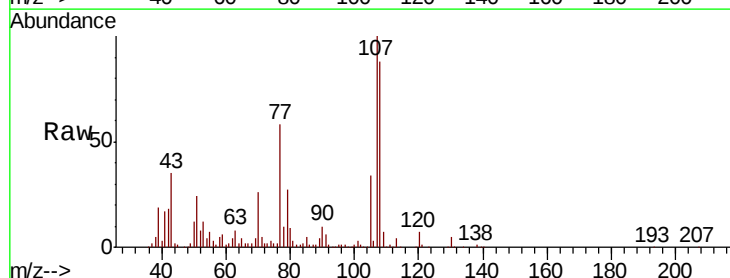
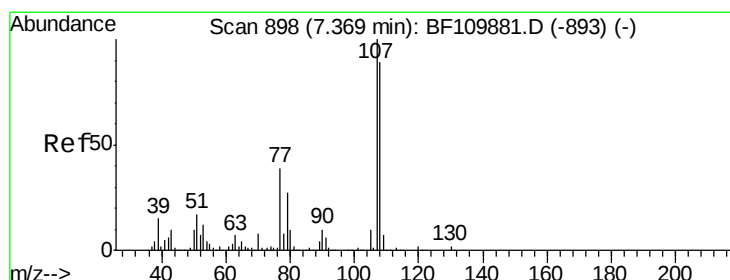
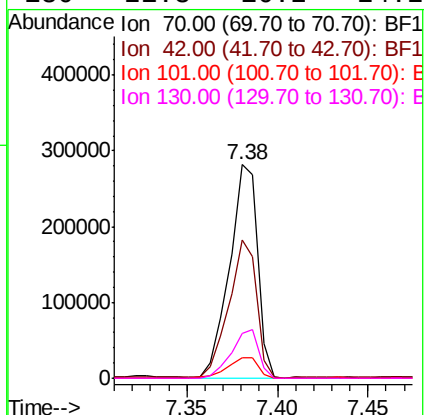
Ion Ratio Lower Upper

70 100

42 64.6 47.4 71.2

101 9.7 7.3 10.9

130 21.3 16.2 24.2



#20

3+4-Methylphenols

Concen: 21.561 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:107 Resp: 264734

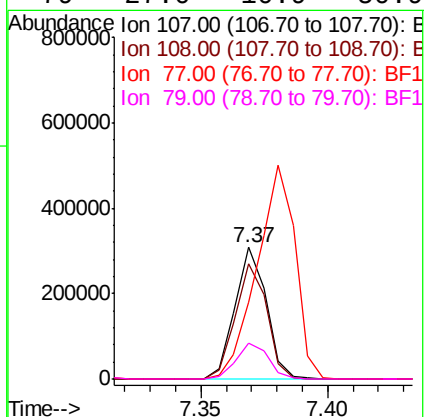
Ion Ratio Lower Upper

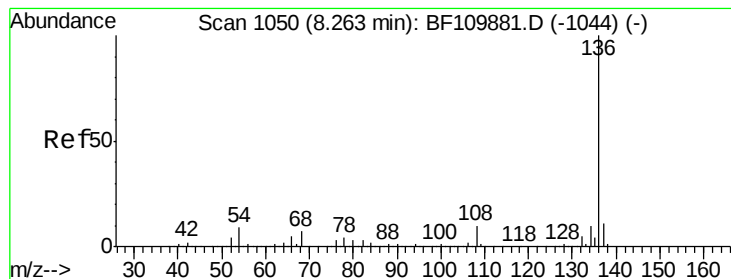
107 100

108 87.9 71.4 111.4

77 58.0 47.3 87.3

79 27.0 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 620278

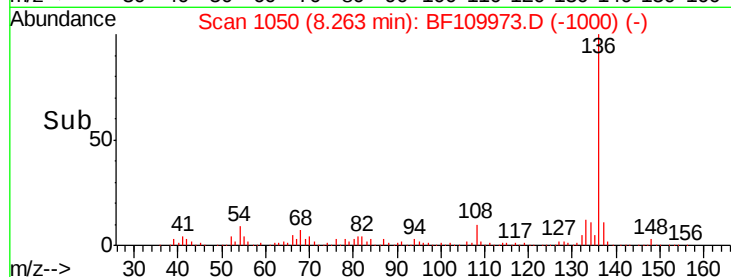
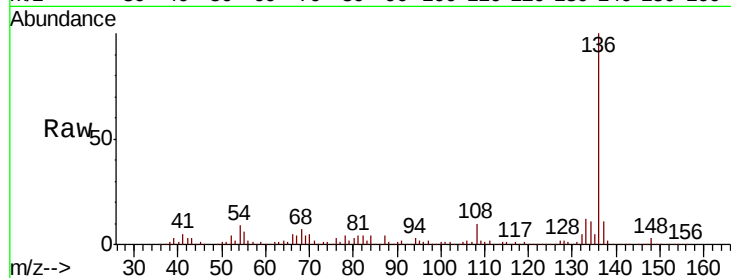
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.7 5.4 8.2#

68 6.8 4.2 6.2#

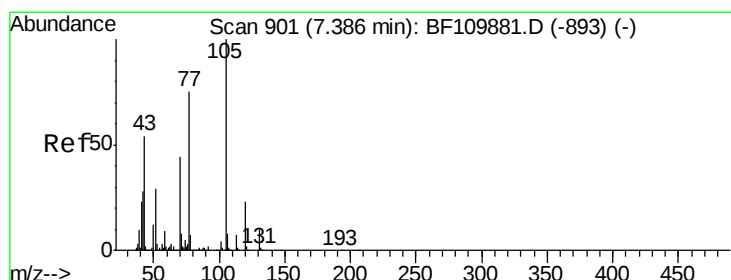
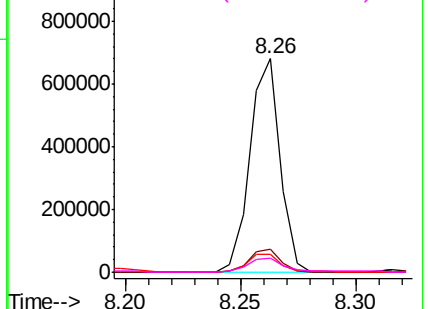


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.875 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:105 Resp: 602363

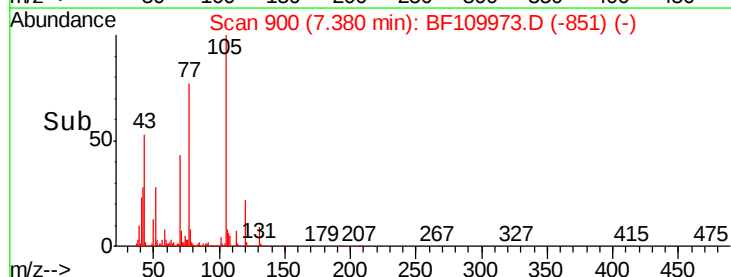
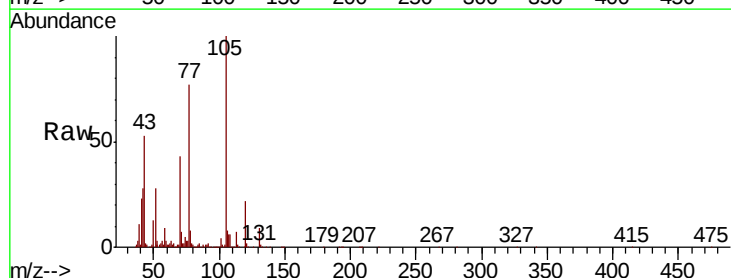
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 28.4 21.8 32.8

120 22.1 17.0 25.4

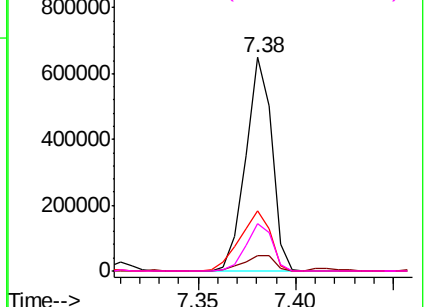


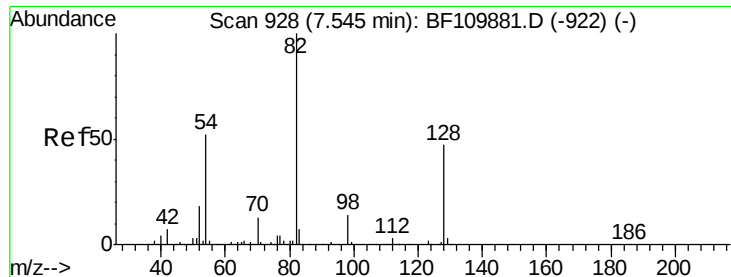
Abundance Ion 105.00 (104.70 to 105.70): E

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

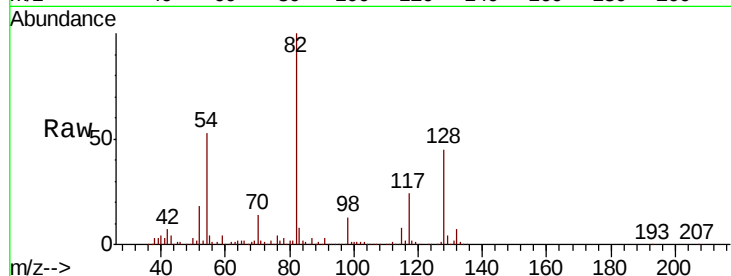




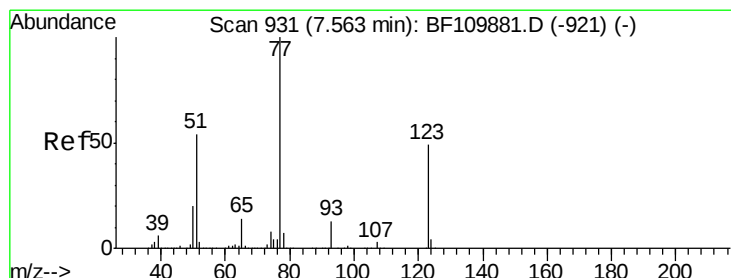
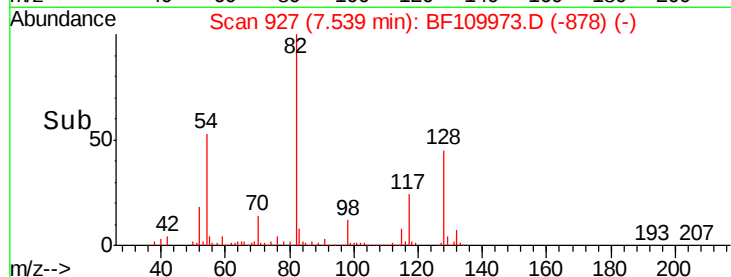
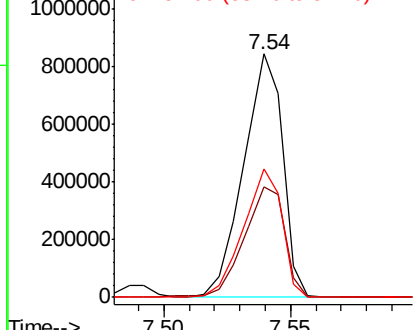
#23
Nitrobenzene-d5
Concen: 98.041 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	902753
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.2	51.2
54	52.9	38.6	58.0

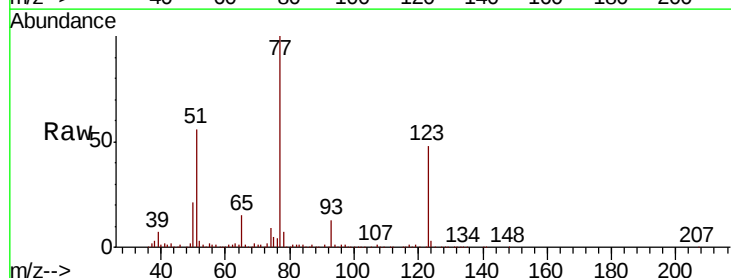


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

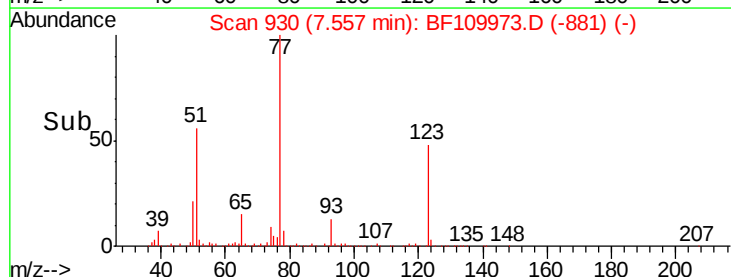
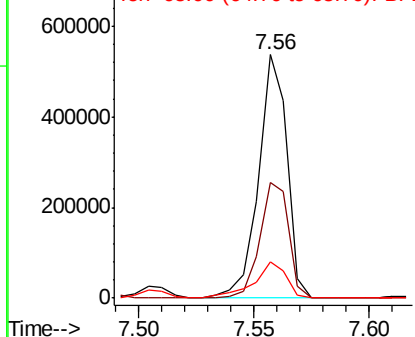


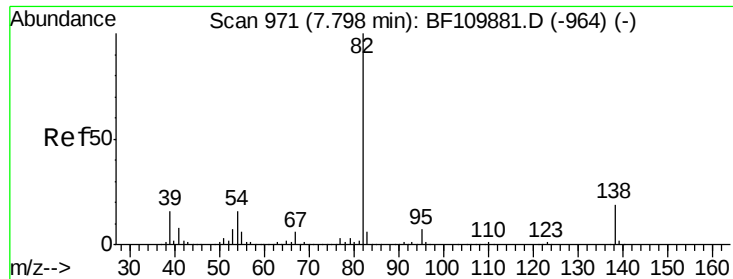
#24
Nitrobenzene
Concen: 45.972 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	77	Resp	459850
Ion Ratio	Lower	Upper	
77	100		
123	47.6	35.7	53.5
65	14.7	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

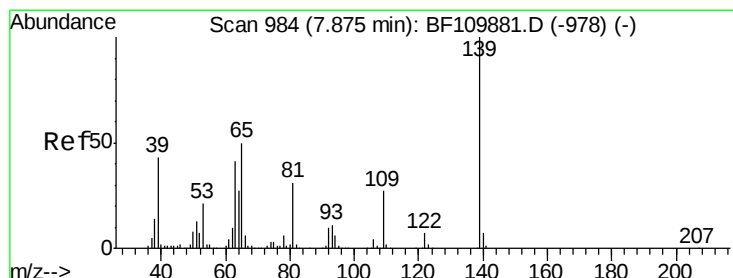
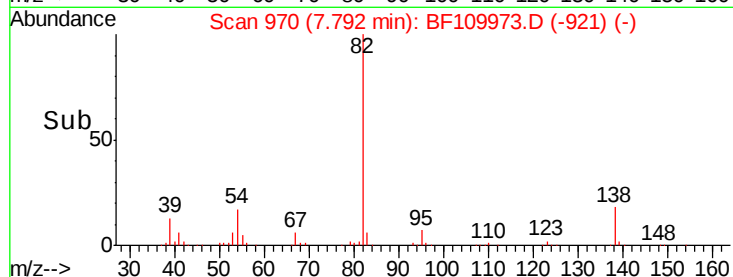
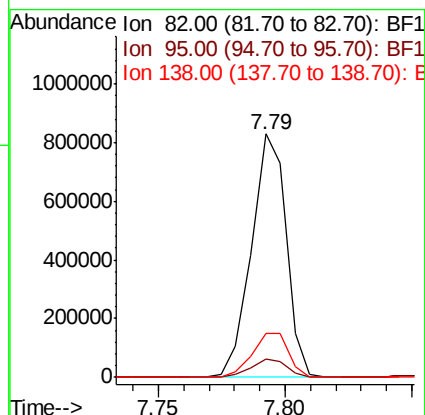
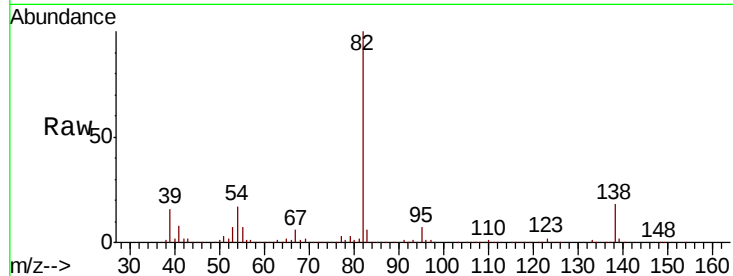




#25
Isophorone
Concen: 44.016 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

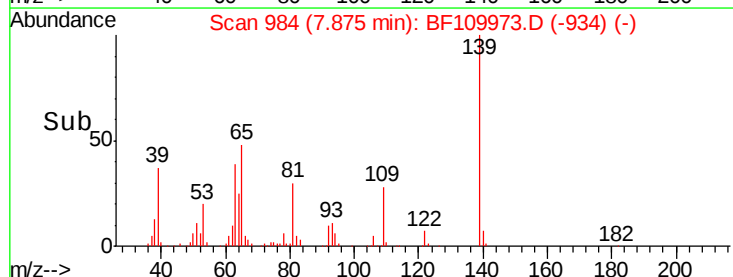
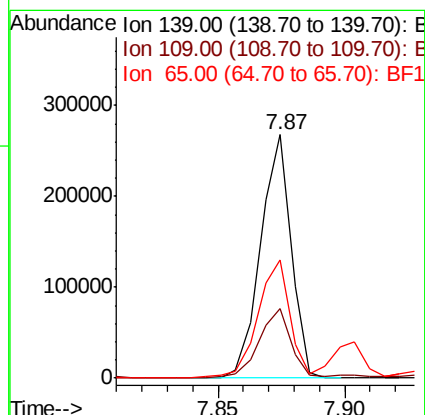
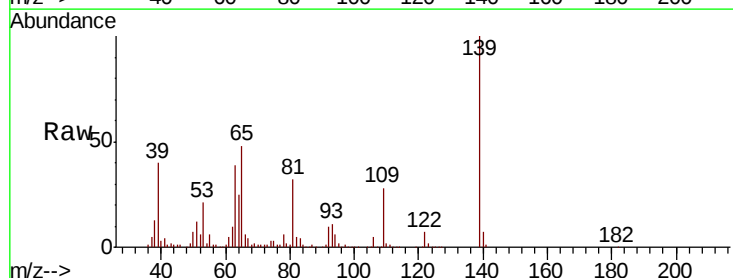
Instrument :
BNA_F
ClientSampled :

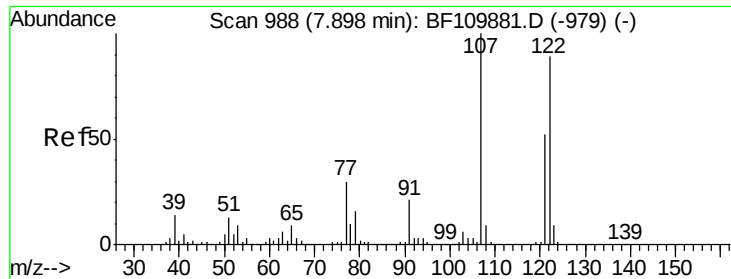
Tot Ion: 82 Resp: 796360
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.1 13.2 19.8



#26
2-Nitrophenol
Concen: 54.762 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion: 139 Resp: 227119
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.6
65 48.4 44.0 66.0

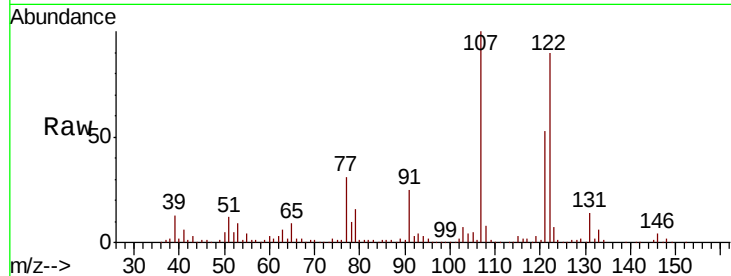




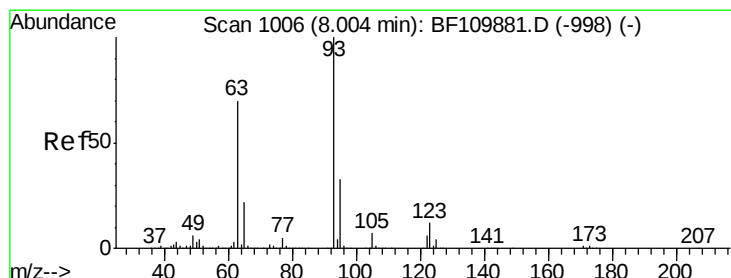
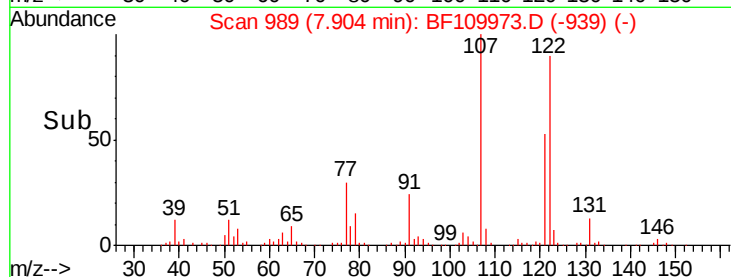
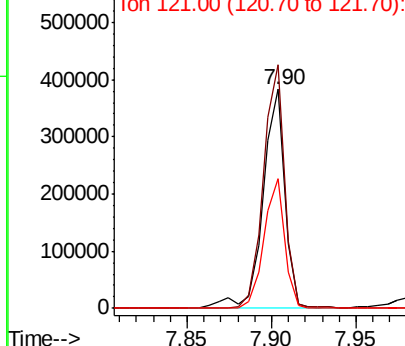
#27
2,4-Dimethylphenol
Concen: 39.733 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 346256
Ion Ratio Lower Upper
122 100
107 111.2 92.5 138.7
121 59.1 45.8 68.8

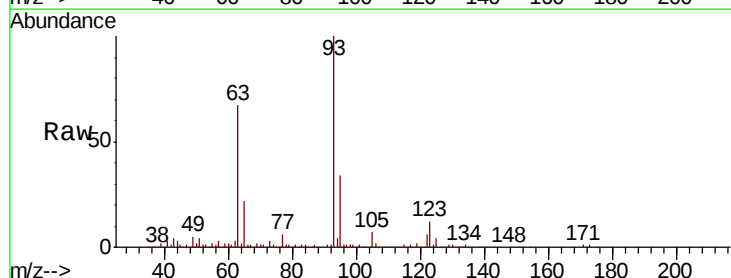


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

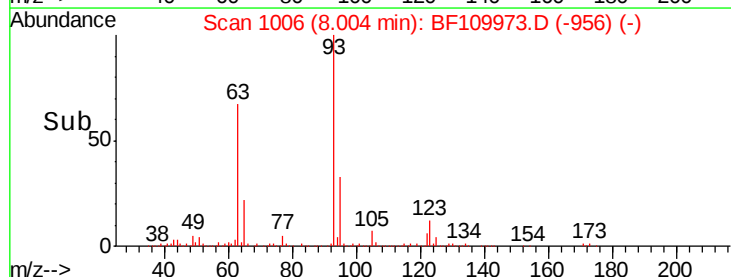
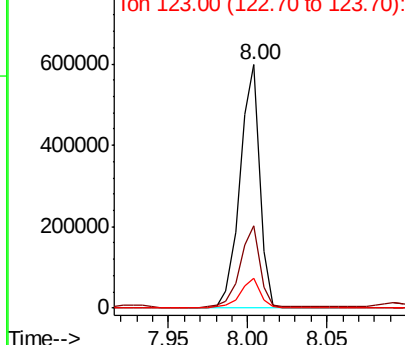


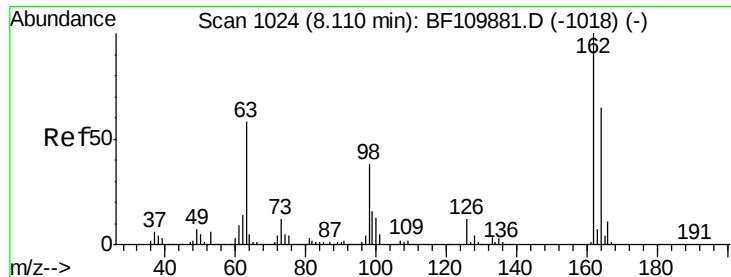
#28
bis(2-Chloroethoxy)methane
Concen: 41.357 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion: 93 Resp: 513516
Ion Ratio Lower Upper
93 100
95 33.8 26.4 39.6
123 12.3 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

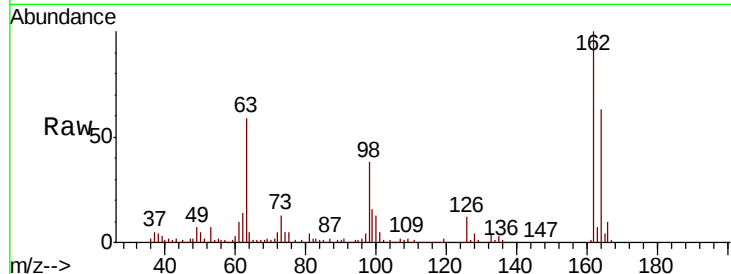




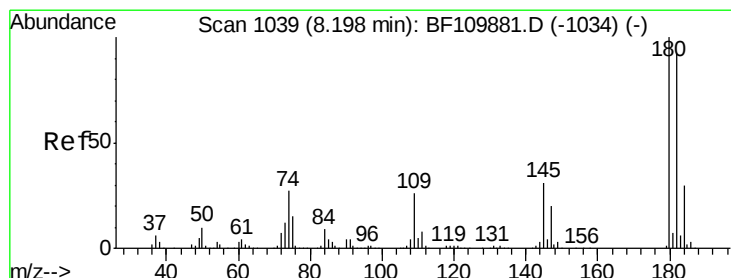
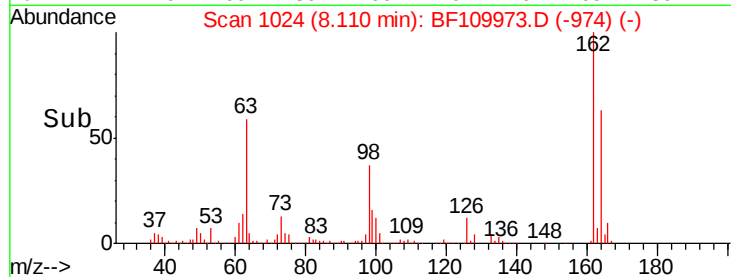
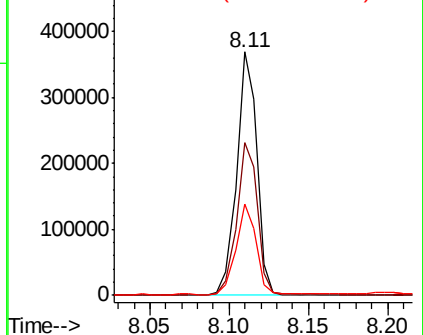
#29
 2,4-Dichlorophenol
 Concen: 38.904 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	37.6	17.4	57.4

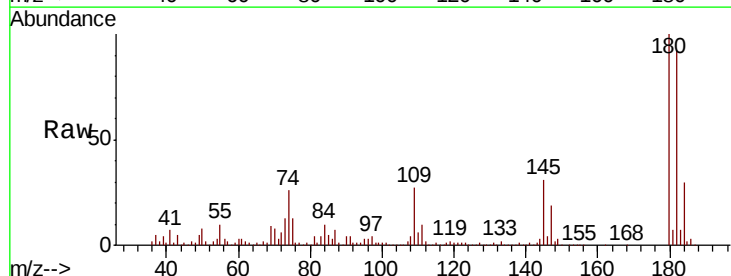


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

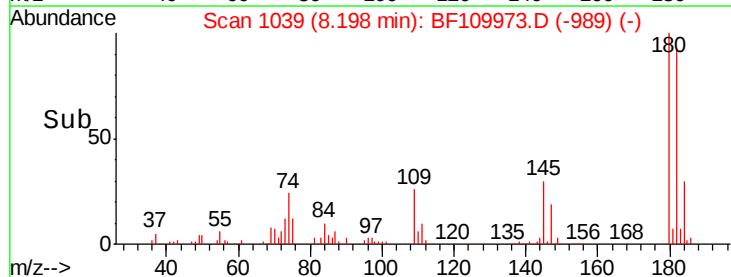
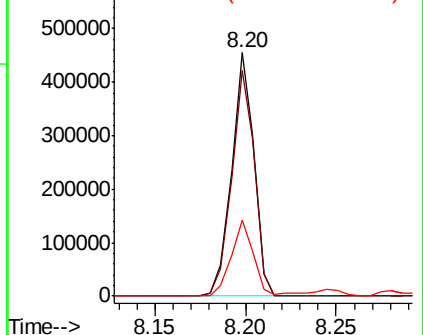


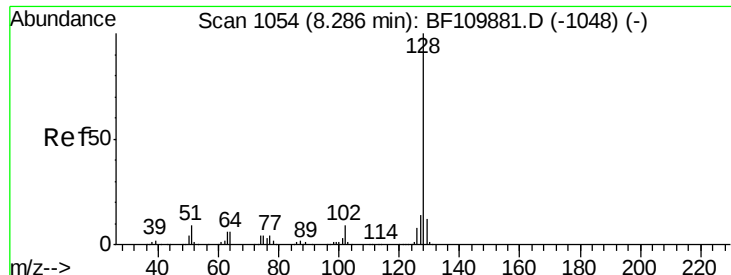
#30
 1,2,4-Trichlorobenzene
 Concen: 41.104 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	80.3	120.5
145	31.1	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

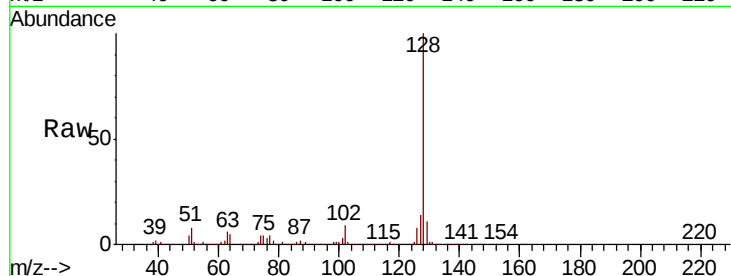




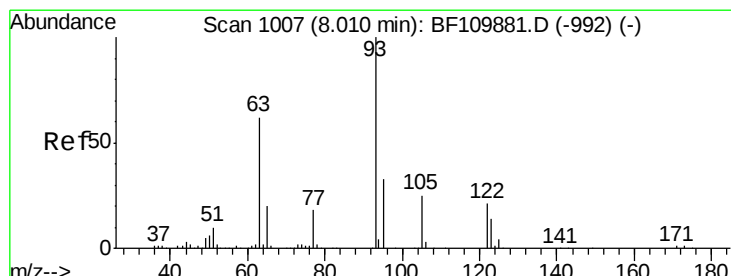
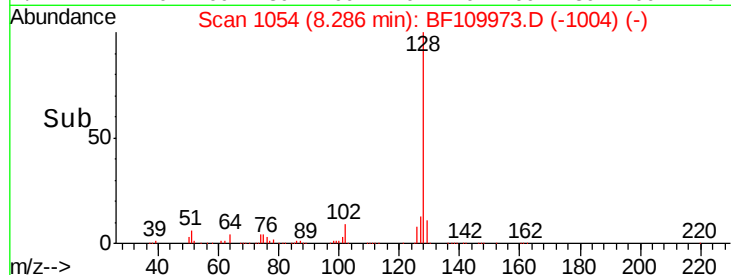
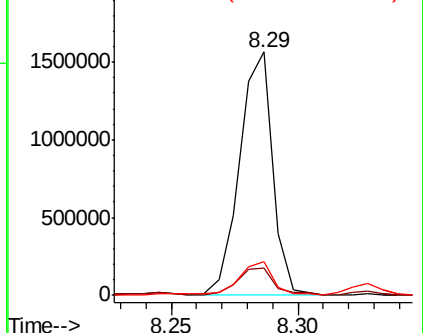
#31
Naphthalene
Concen: 49.638 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1411890
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.8 16.2

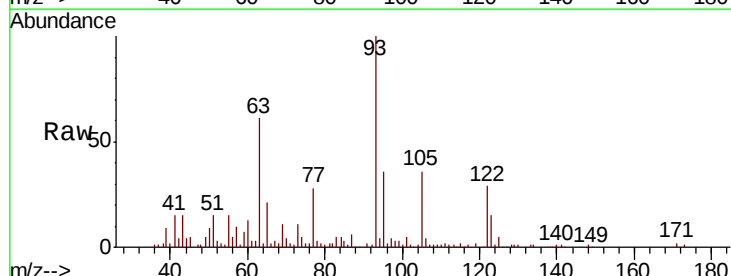


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

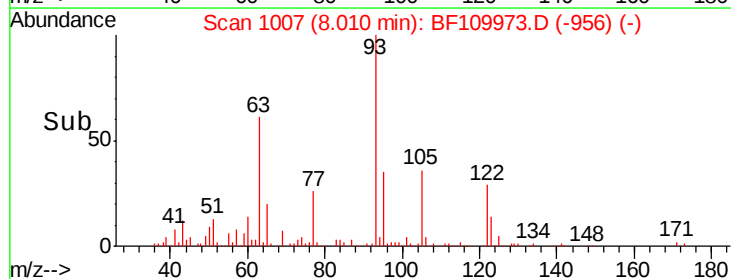
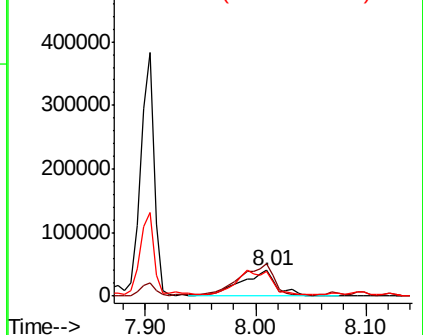


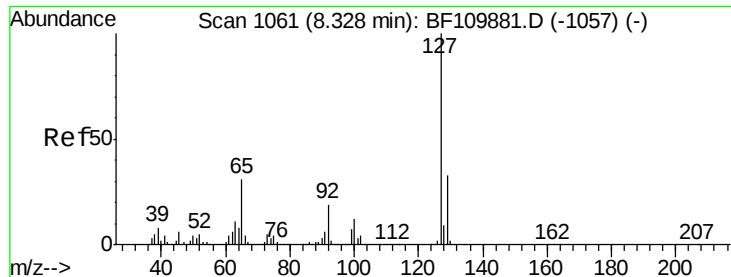
#32
Benzoic acid
Concen: 16.670 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:122 Resp: 90513
Ion Ratio Lower Upper
122 100
105 124.4 109.0 149.0
77 95.9 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

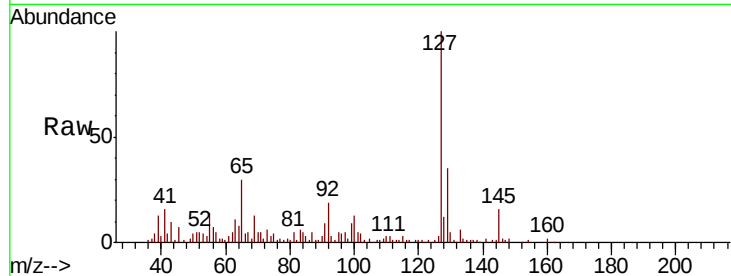




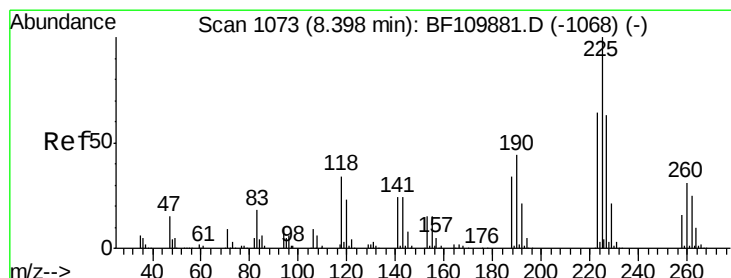
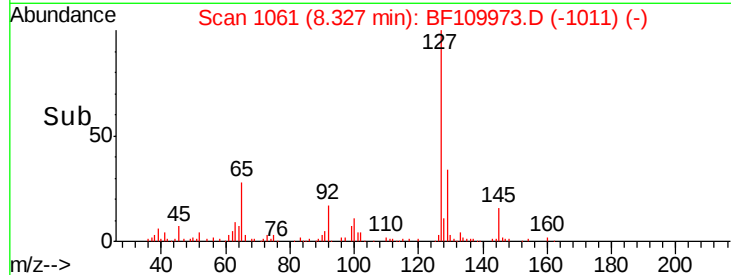
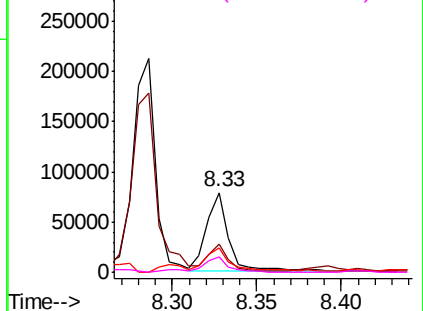
#33
4-Chloroaniline
Concen: 5.759 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	73629
Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.0	39.0
65	29.9	25.1	37.7
92	18.6	15.0	22.6

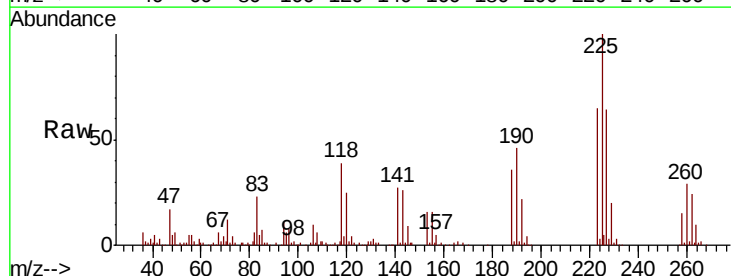


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

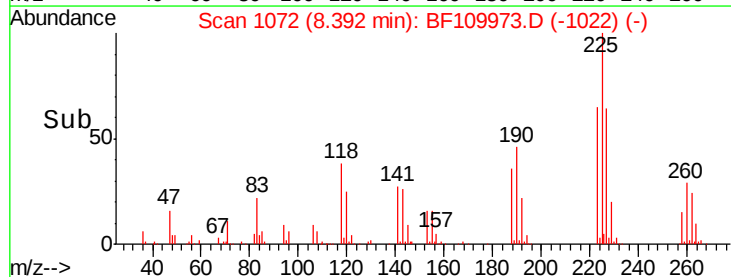
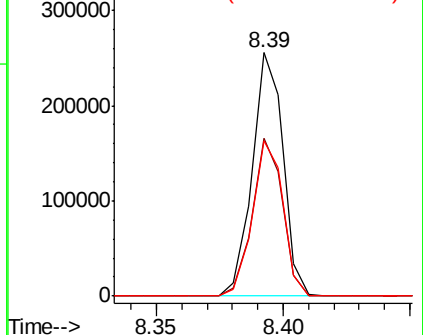


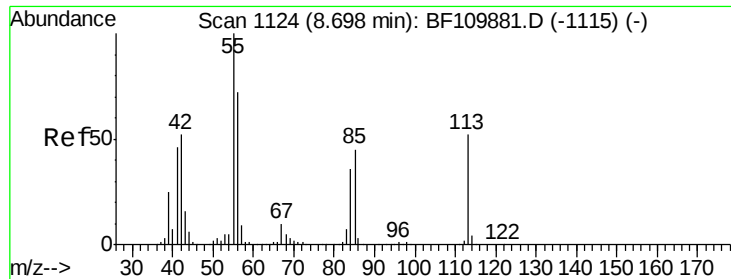
#34
Hexachlorobutadiene
Concen: 41.408 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:	225	Resp:	216135
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.2
227	63.7	51.0	76.6



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

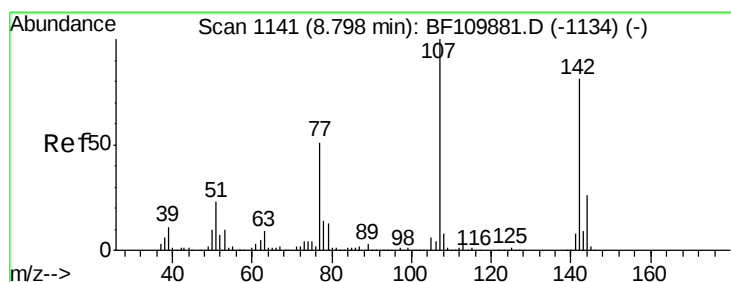
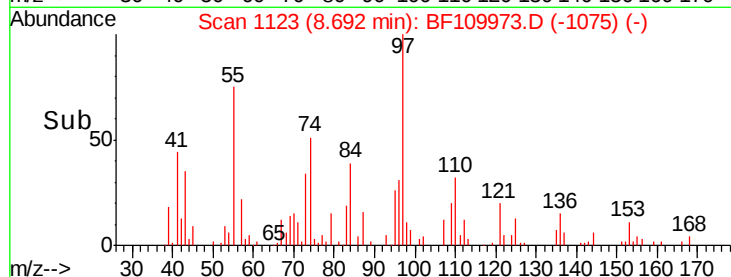
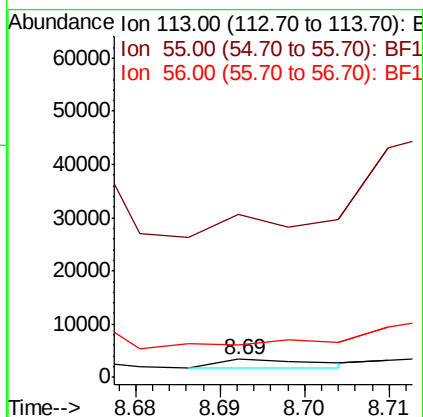
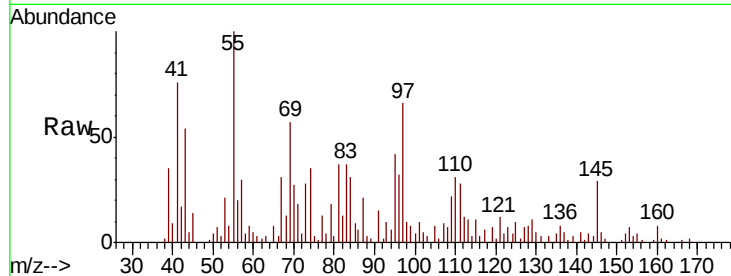




#35
 Caprolactam
 Concen: 0.438 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

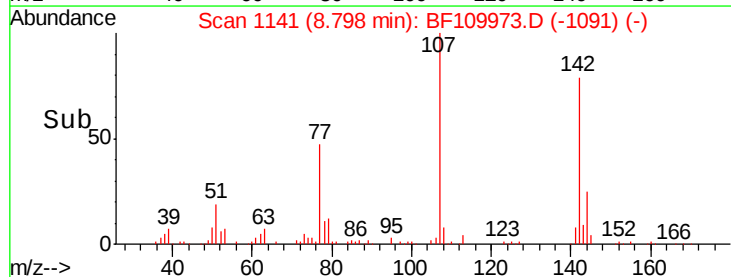
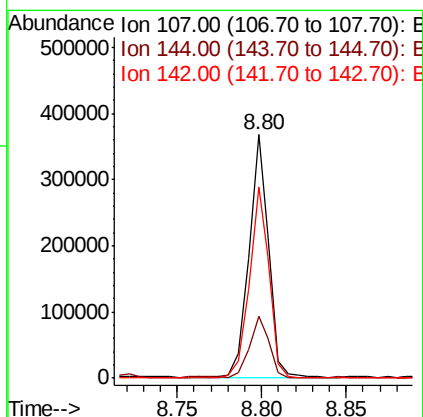
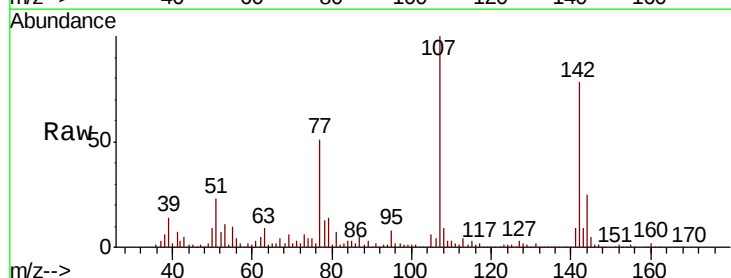
Instrument :
 BNA_F
 ClientSampleId :

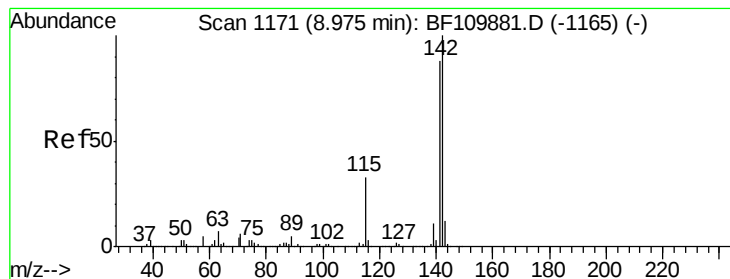
Tot Ion:113 Resp: 1315
 Ion Ratio Lower Upper
 113 100
 55 896.6 142.8 182.8#
 56 182.5 105.0 145.0#



#36
 4-Chloro-3-methylphenol
 Concen: 33.196 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:107 Resp: 296052
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 78.4 59.7 89.5

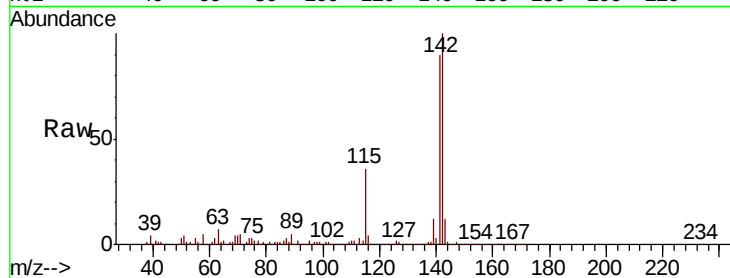




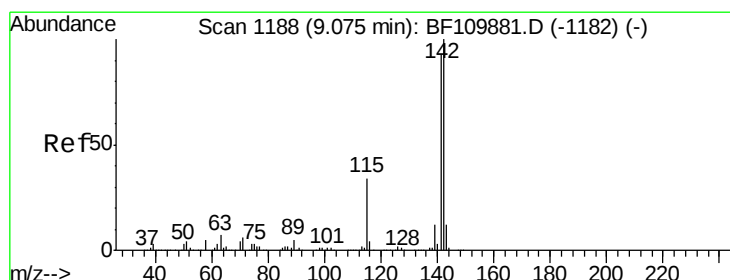
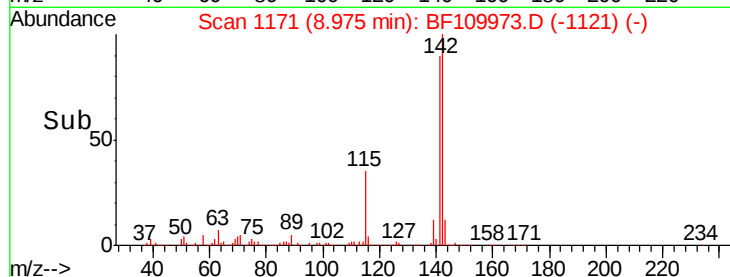
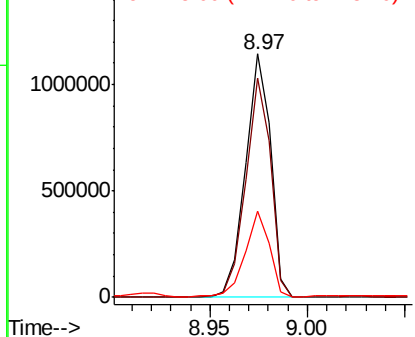
#37
2-Methylnaphthalene
Concen: 55.448 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1021254
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 35.6 28.7 43.1

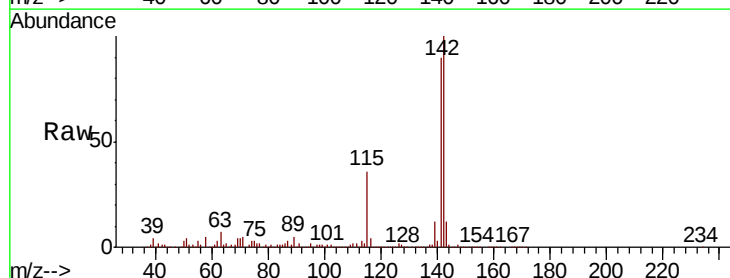


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

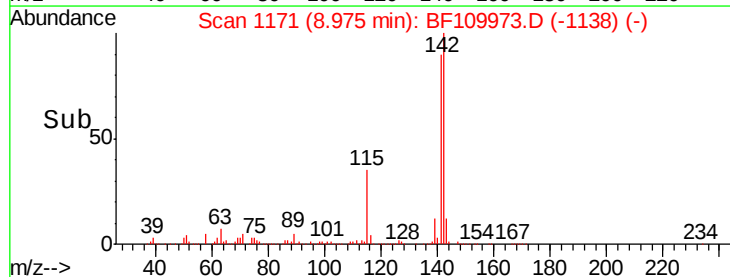
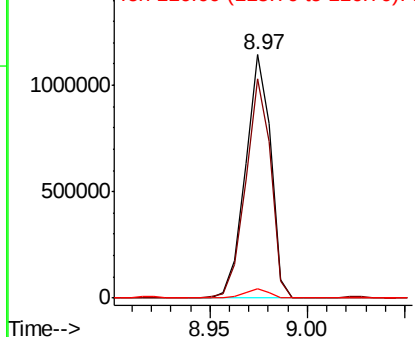


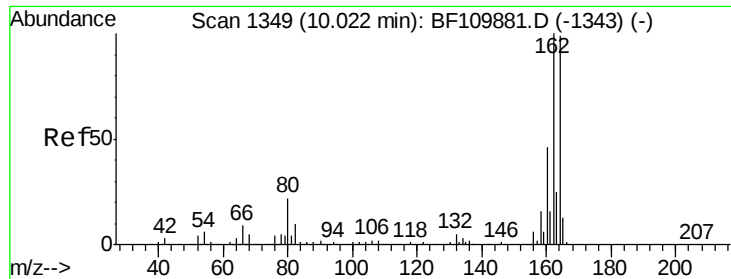
#38
1-Methylnaphthalene
Concen: 57.222 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.11 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:142 Resp: 1021254
Ion Ratio Lower Upper
142 100
141 90.1 74.2 111.4
116 3.7 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

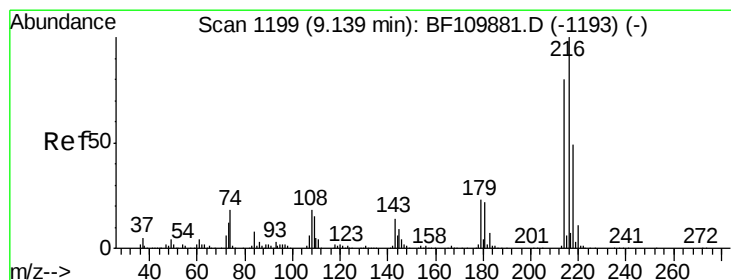
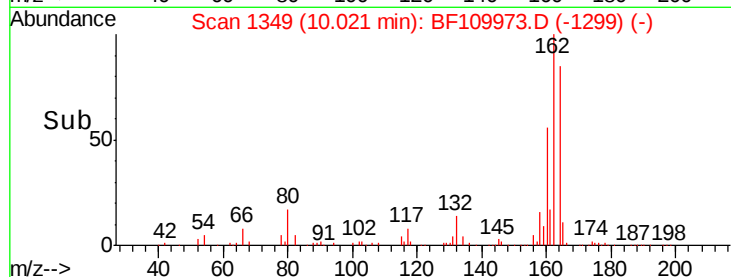
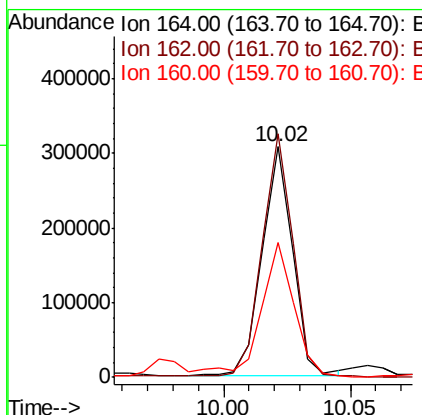
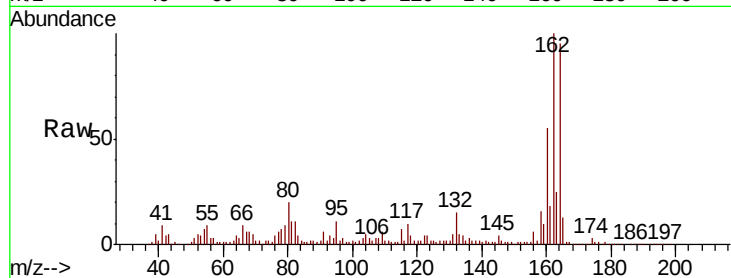




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

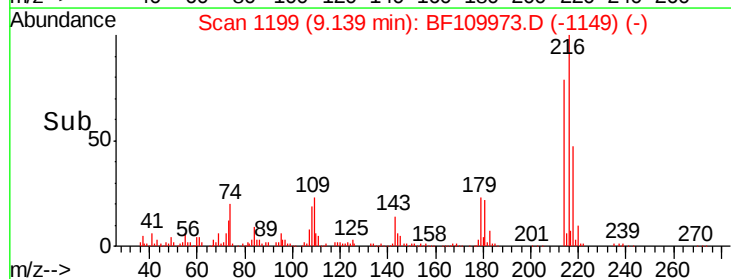
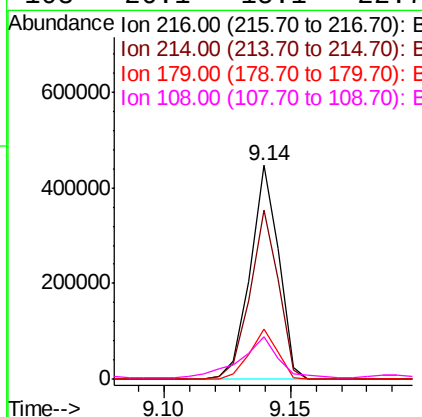
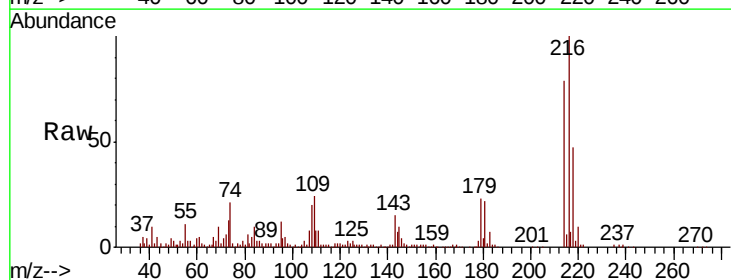
Instrument :
BNA_F
ClientSampleId :

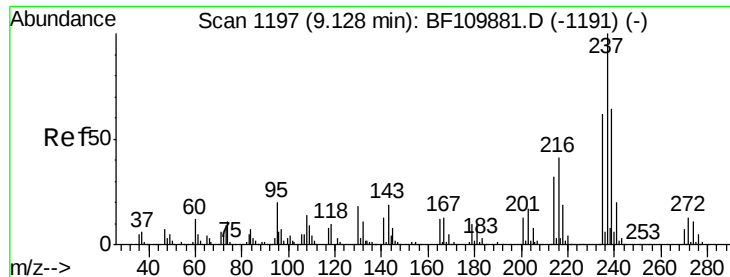
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.6
160	58.2	37.0	55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.906 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	22.7	16.6	25.0
108	26.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 113.243 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

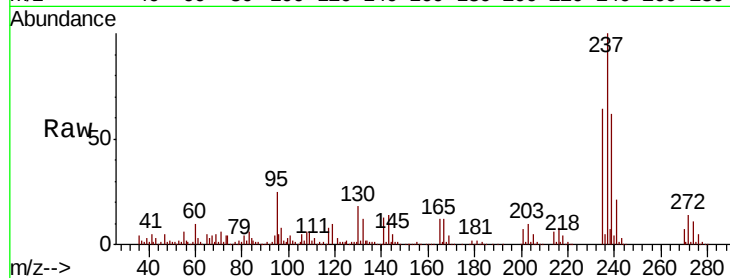
Tot Ion:237 Resp: 436226

Ion Ratio Lower Upper

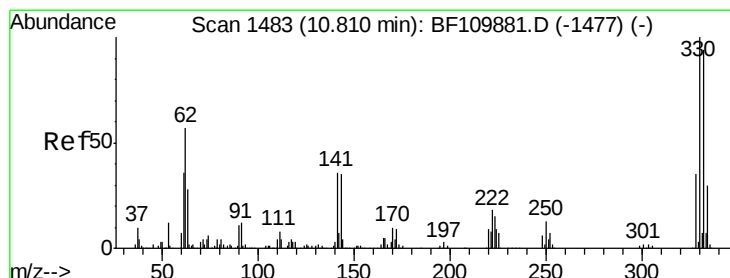
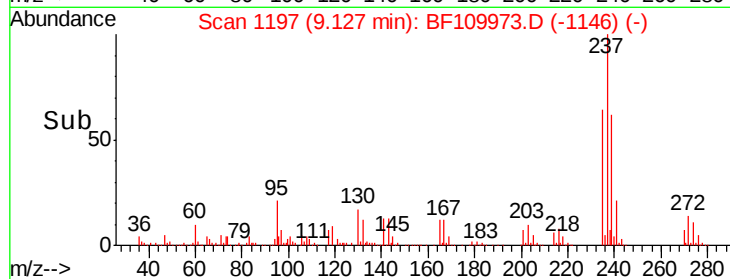
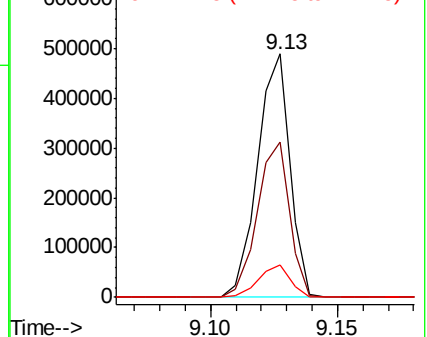
237 100

235 64.0 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: 127.372 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

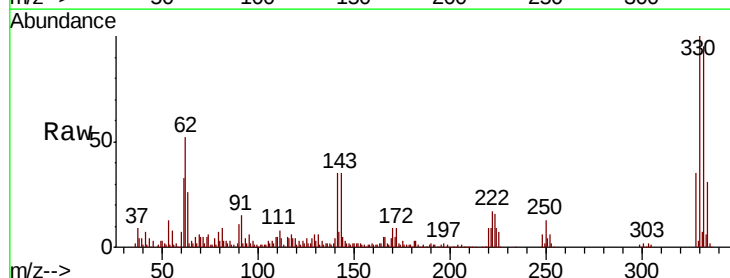
Tgt Ion:330 Resp: 285740

Ion Ratio Lower Upper

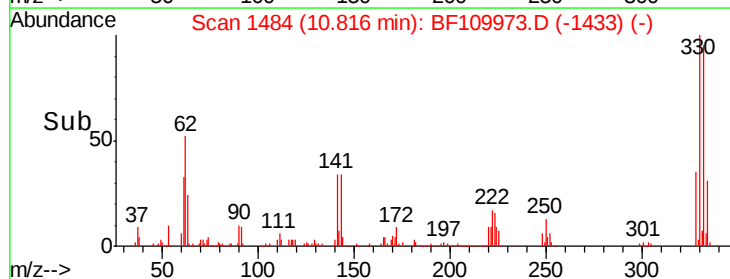
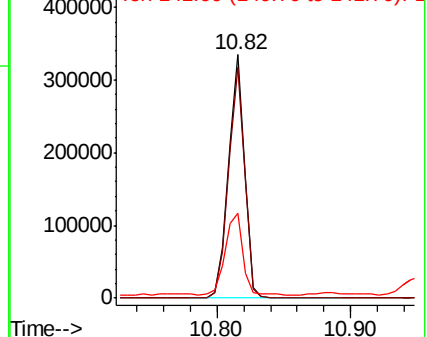
330 100

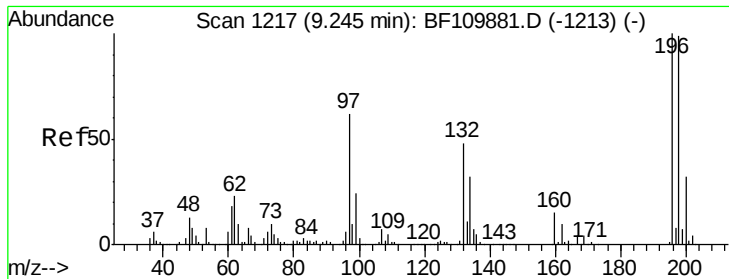
332 95.6 77.1 115.7

141 36.8 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

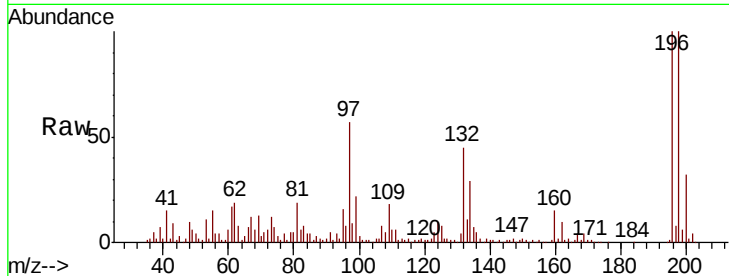




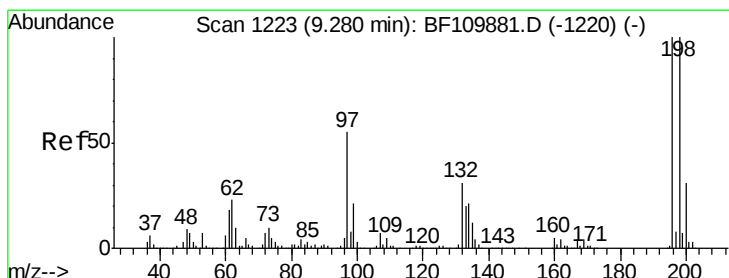
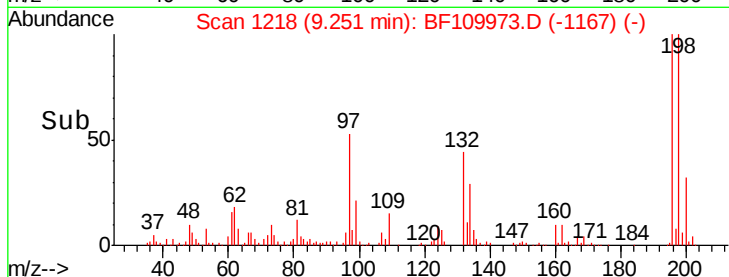
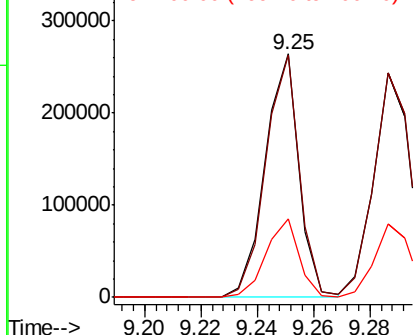
#43
 2,4,6-Trichlorophenol
 Concen: 43.996 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 219562
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.2 114.4
 200 32.1 24.4 36.6



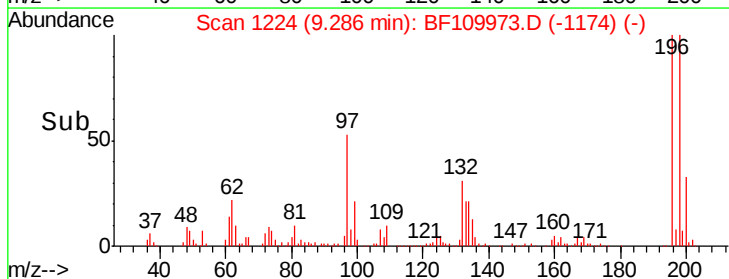
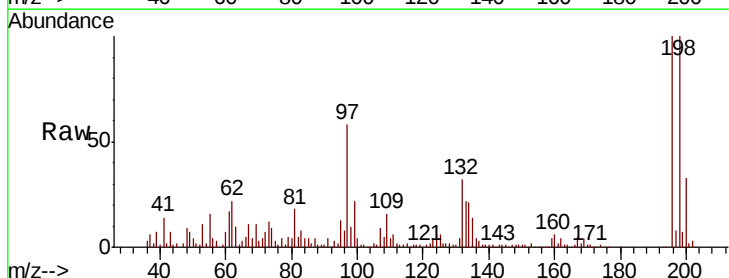
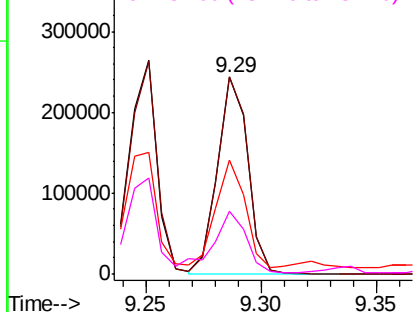
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

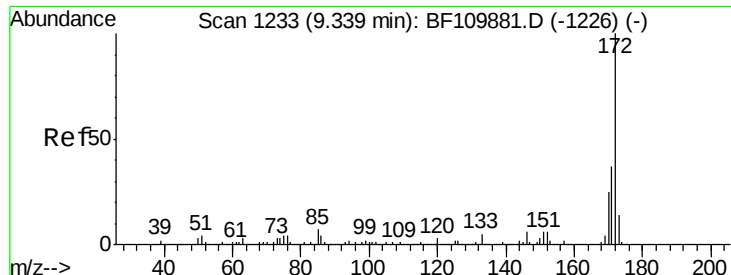


#44
 2,4,5-Trichlorophenol
 Concen: 42.726 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:196 Resp: 221301
 Ion Ratio Lower Upper
 196 100
 198 99.9 75.8 113.6
 97 57.7 42.4 63.6
 132 32.2 22.8 34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

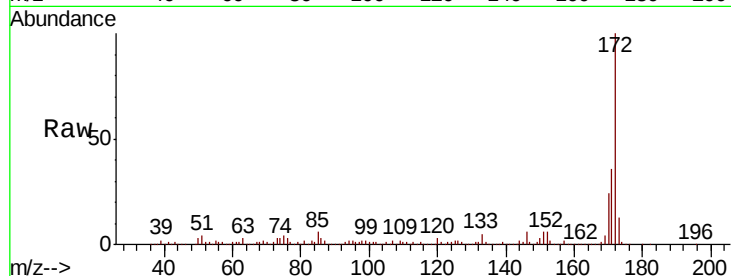




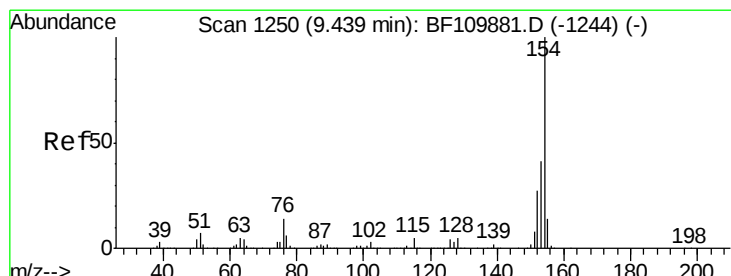
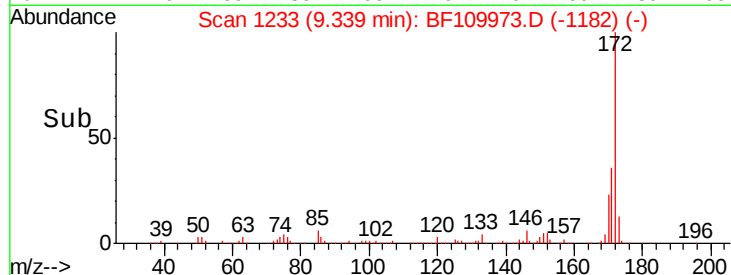
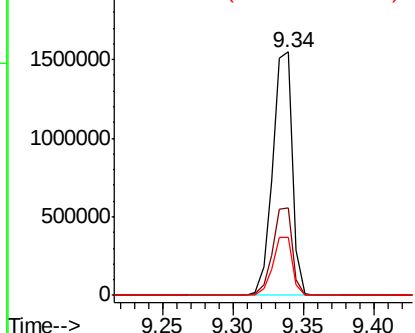
#45
2-Fluorobiphenyl
Concen: 93.402 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1516739
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.7 19.7 29.5

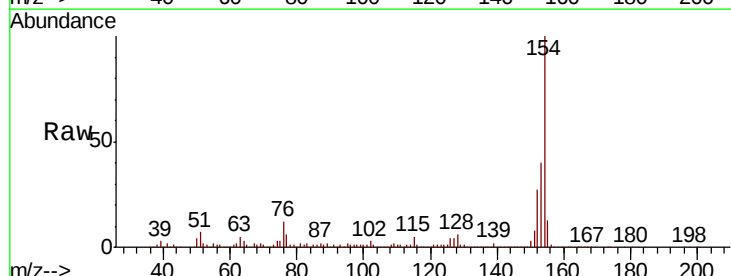


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

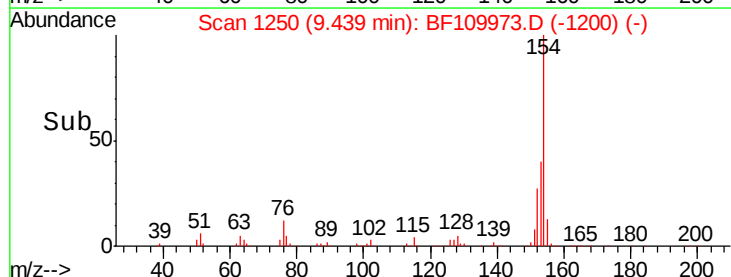
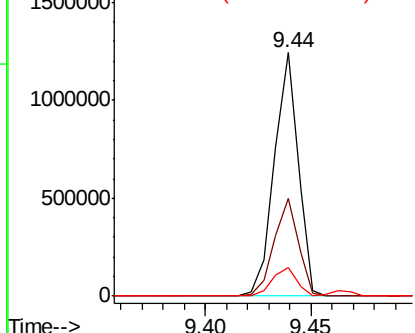


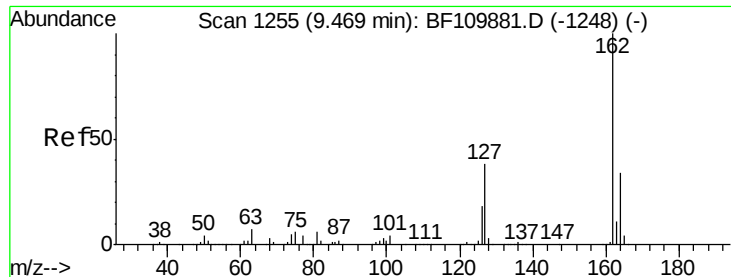
#46
1,1'-Biphenyl
Concen: 42.475 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:154 Resp: 980597
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.9 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

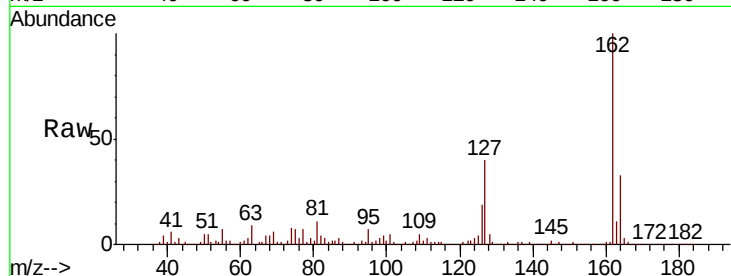




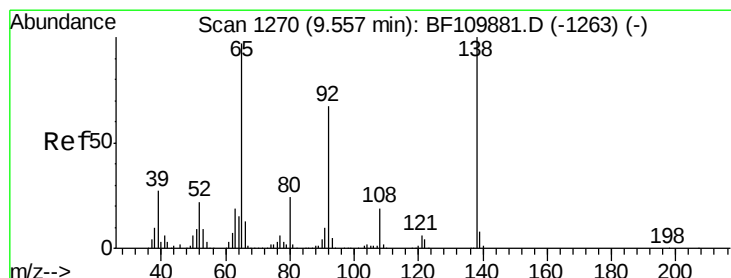
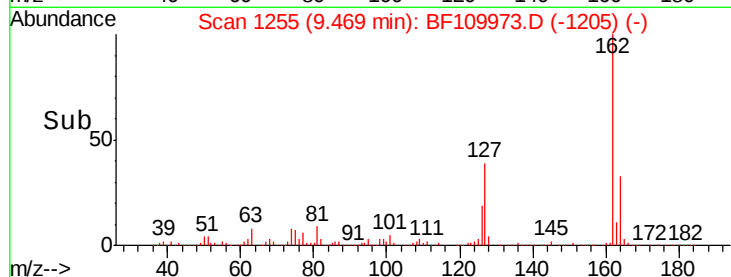
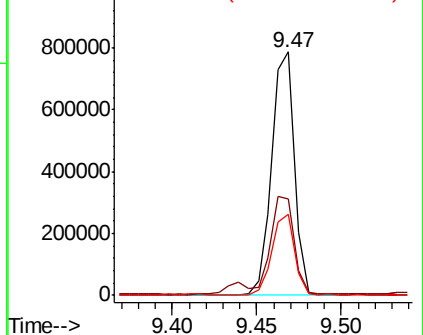
#47
 2-Chloronaphthalene
 Concen: 42.679 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	33.4	25.9	38.9

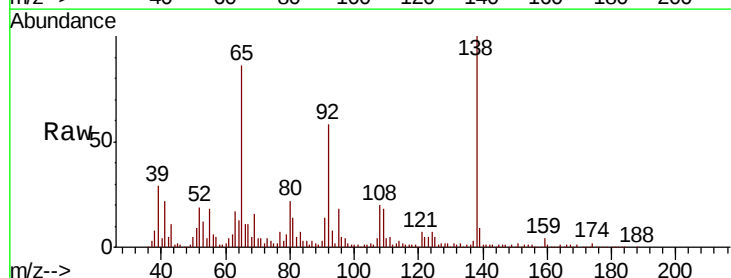


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

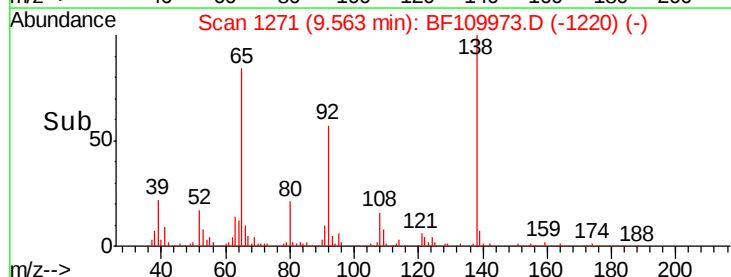
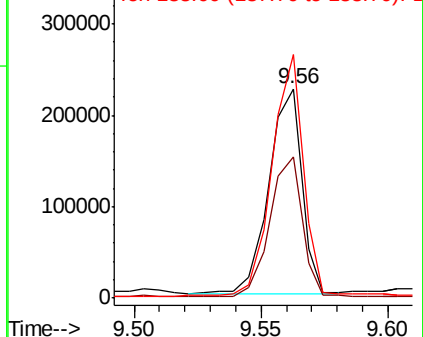


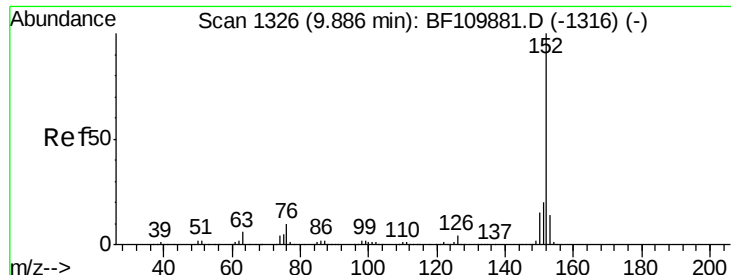
#48
 2-Nitroaniline
 Concen: 46.541 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	116.1	80.3	120.5



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





#49

Acenaphthylene

Concen: 44.437 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

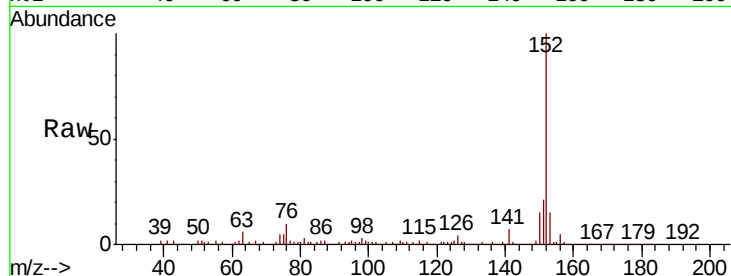
Tot Ion:152 Resp: 1097786

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

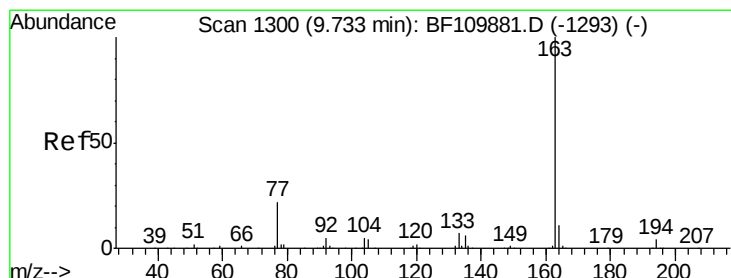
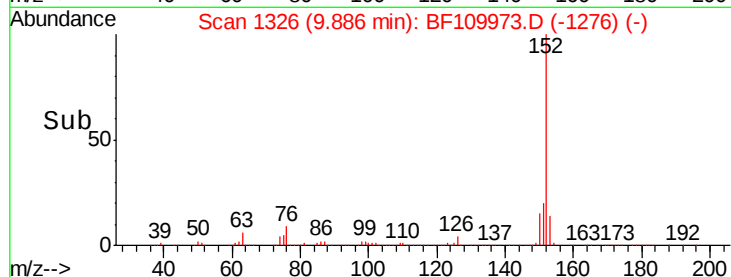
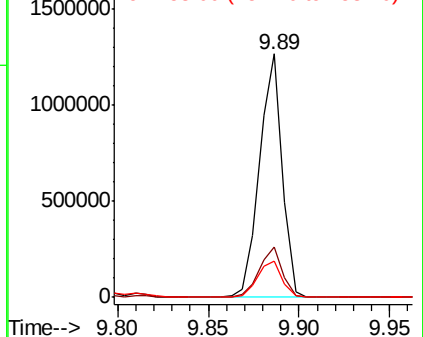
153 14.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.183 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

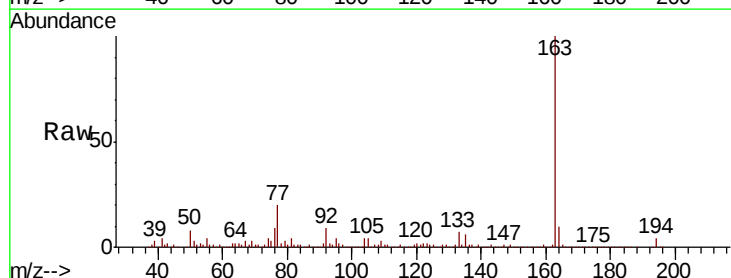
Tgt Ion:163 Resp: 792304

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

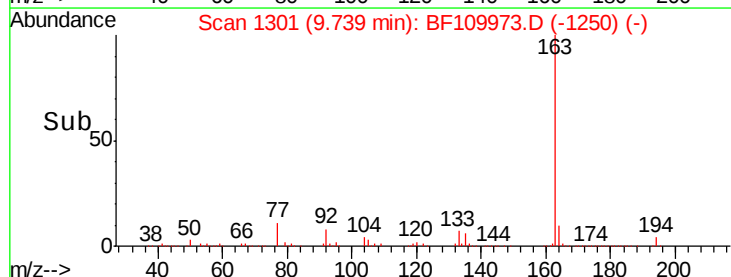
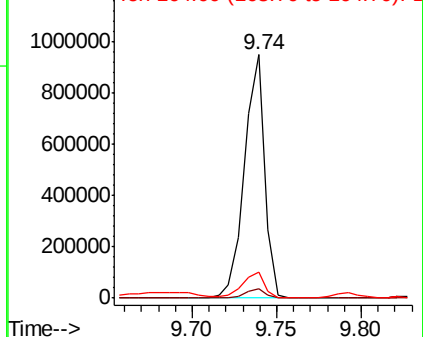
164 10.4 8.1 12.1

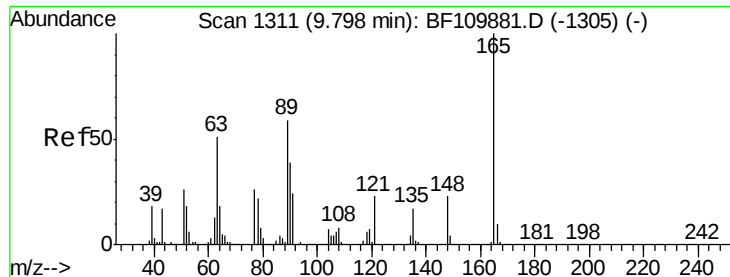


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

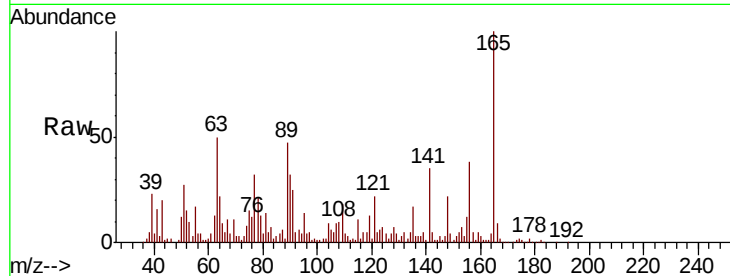




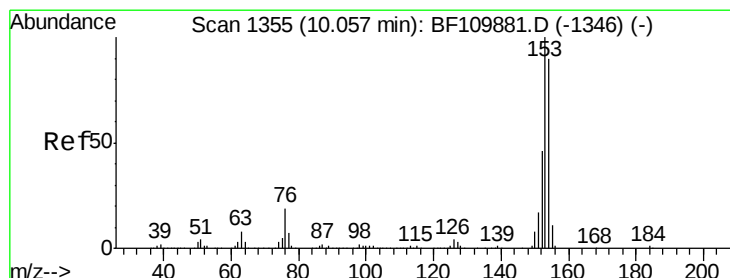
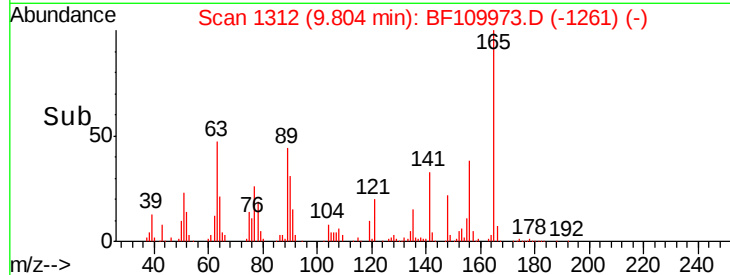
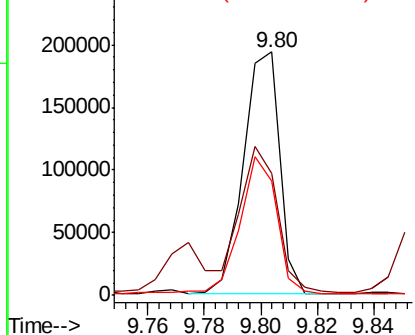
#51
2,6-Dinitrotoluene
Concen: 49.642 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	48.9	73.3
89	46.7	46.6	69.8

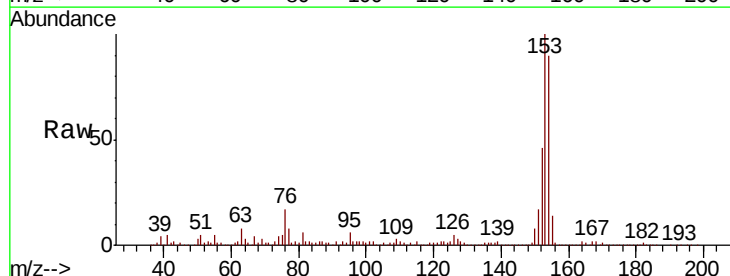


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

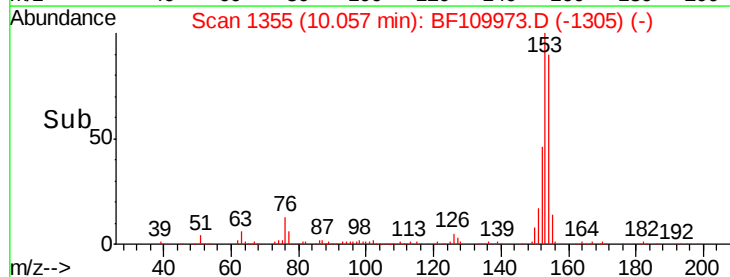
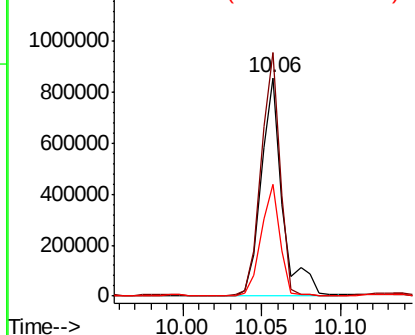


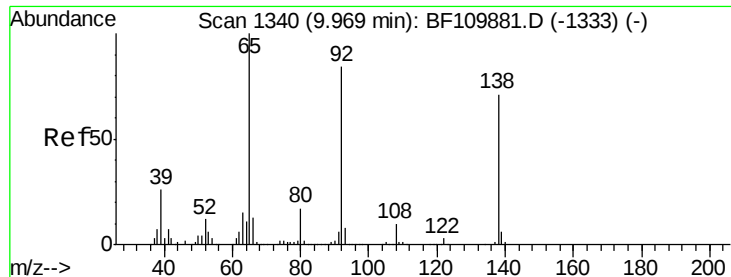
#52
Acenaphthene
Concen: 50.896 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.1	135.1
152	51.0	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

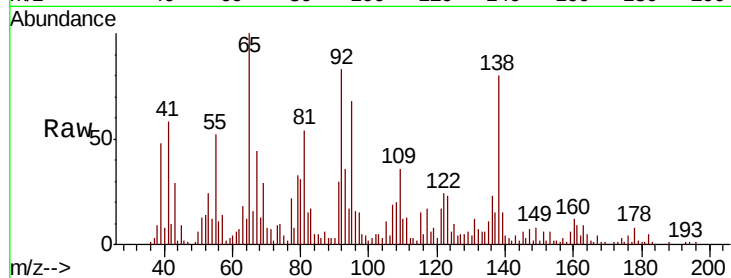




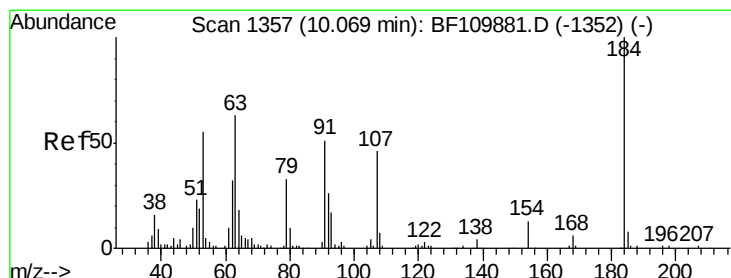
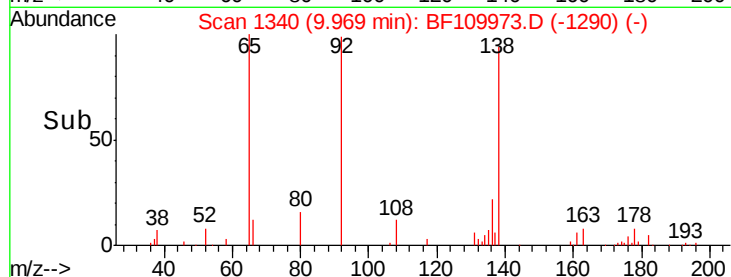
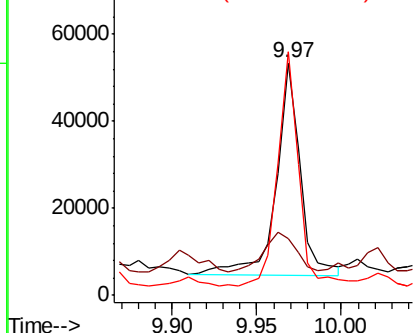
#53
3-Nitroaniline
Concen: 11.405 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 48347
Ion Ratio Lower Upper
138 100
108 24.6 8.7 13.1#
92 104.6 97.0 145.4

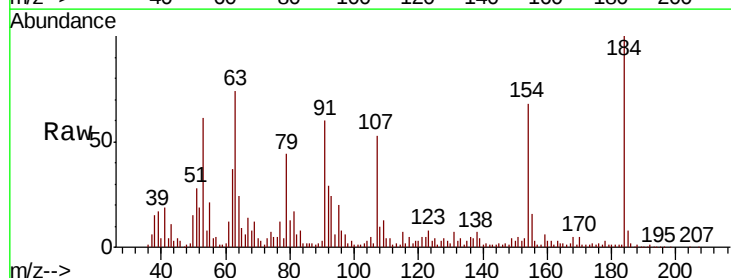


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

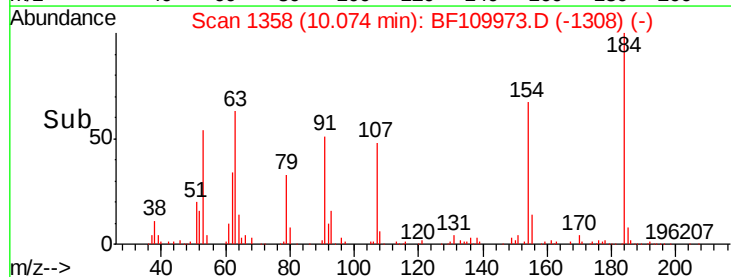
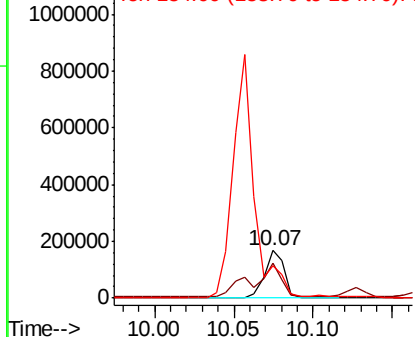


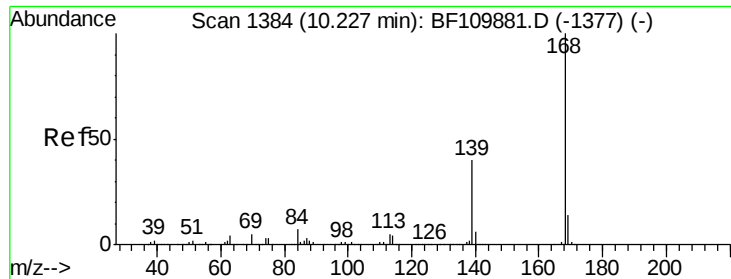
#54
2,4-Dinitrophenol
Concen: 124.137 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:184 Resp: 143951
Ion Ratio Lower Upper
184 100
63 74.5 55.8 83.6
154 68.1 63.2 94.8



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

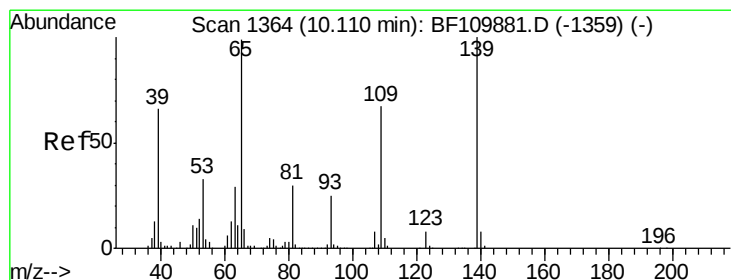
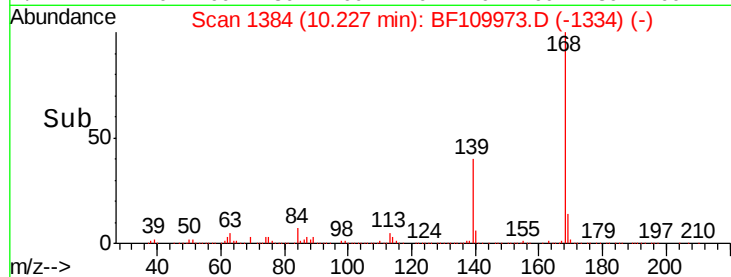
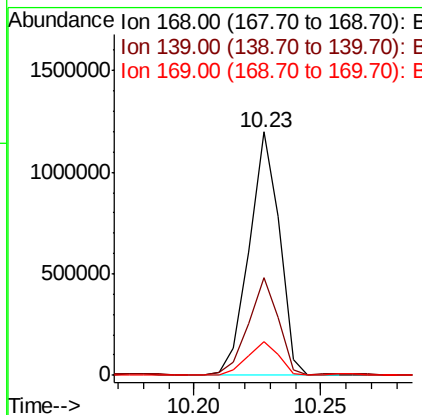
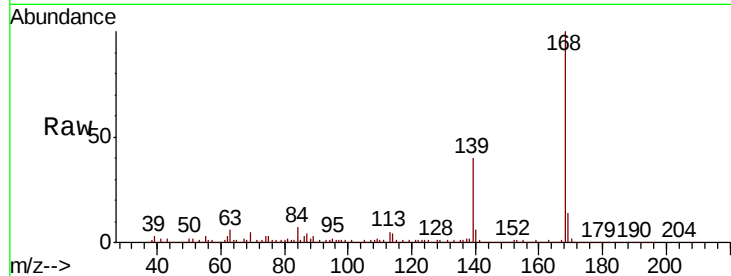




#55
Dibenzenofuran
Concen: 44.096 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

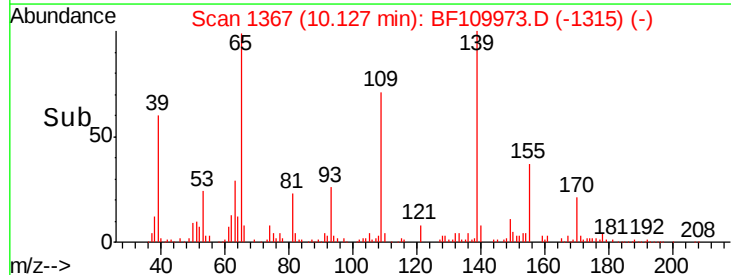
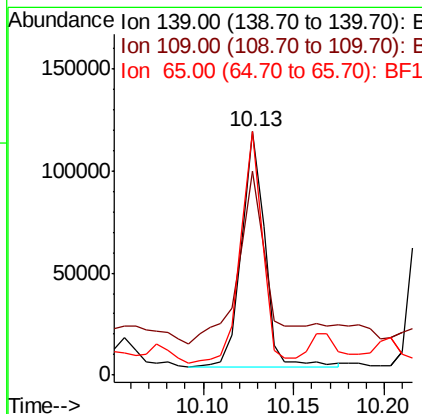
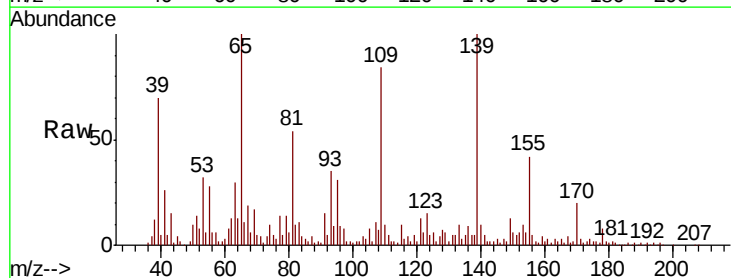
Instrument :
BNA_F
ClientSampleId :

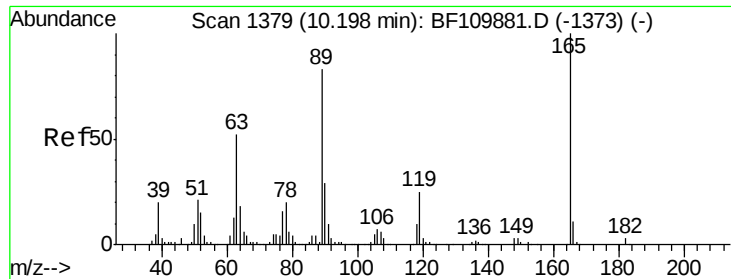
Tot Ion:168 Resp: 989076
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.6
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 31.562 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:139 Resp: 102088
Ion Ratio Lower Upper
139 100
109 84.0 55.8 95.8
65 100.0 77.9 117.9

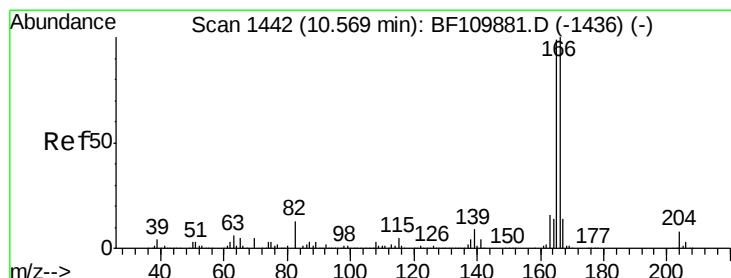
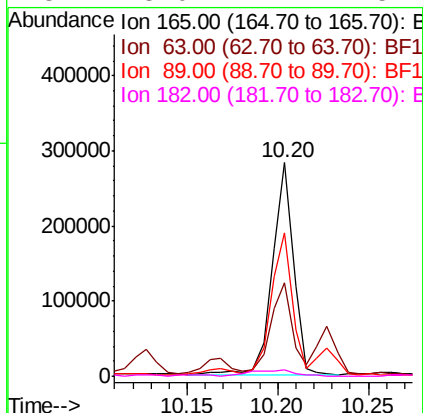
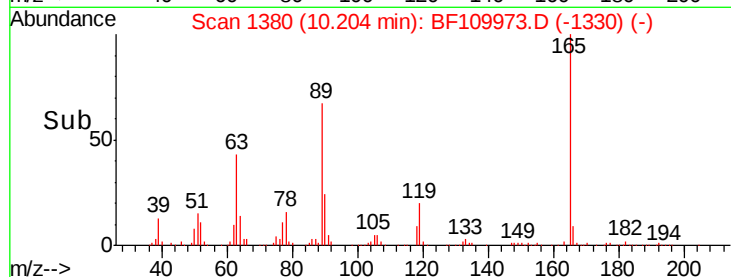
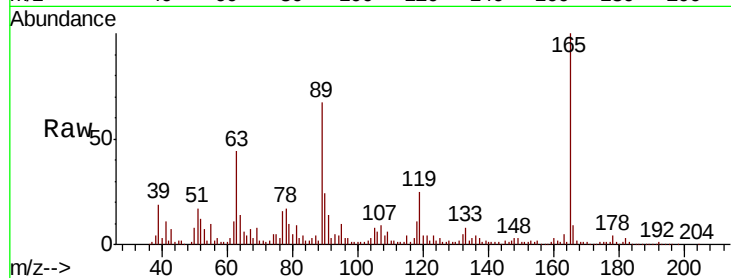




#57
 2,4-Dinitrotoluene
 Concen: 51.048 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

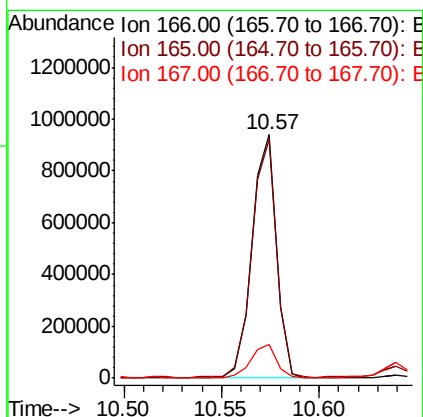
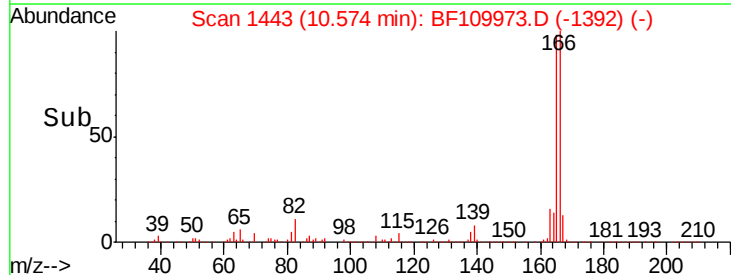
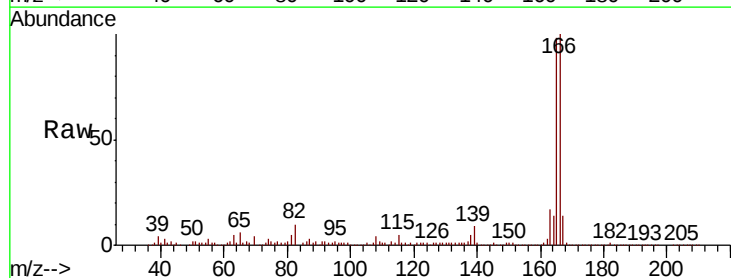
Instrument :
 BNA_F
 ClientSampleId :

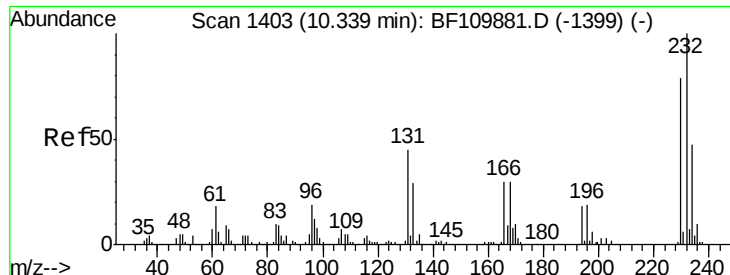
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	44.8	67.2#
89	67.4	62.2	93.4
182	3.0	2.1	3.1



#58
 Fluorene
 Concen: 49.507 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	13.6	10.8	16.2

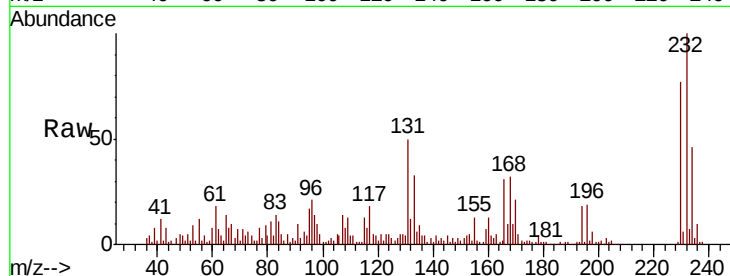




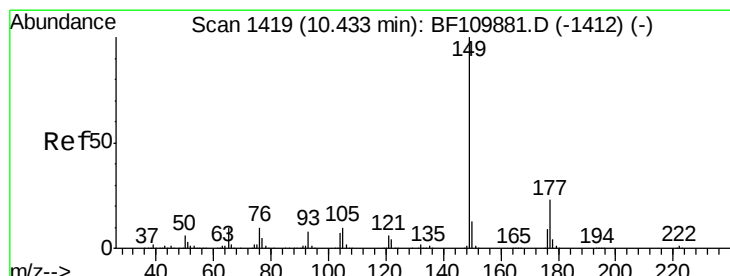
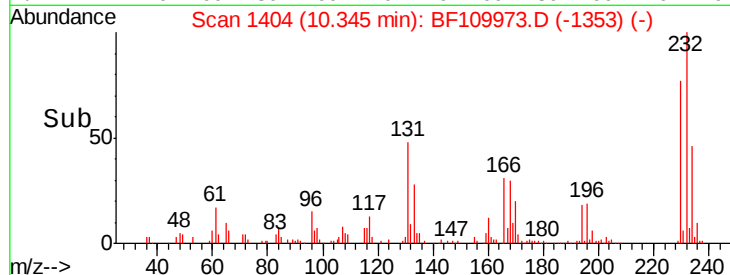
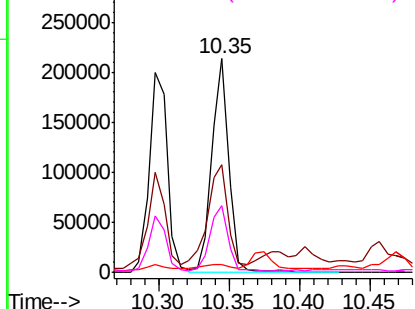
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.511 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 178606
 Ion Ratio Lower Upper
 232 100
 131 53.0 37.0 55.4
 130 3.1 1.8 2.6#
 166 31.8 22.0 33.0

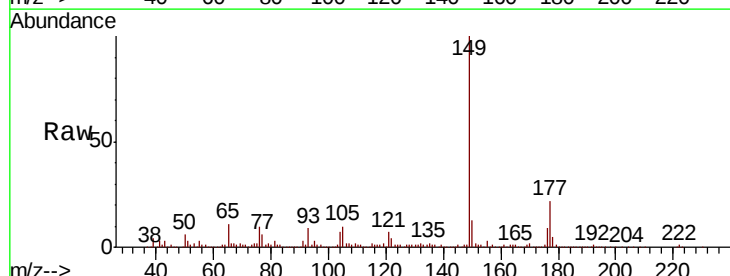


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

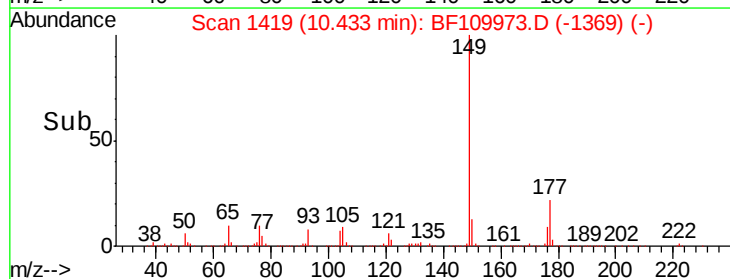
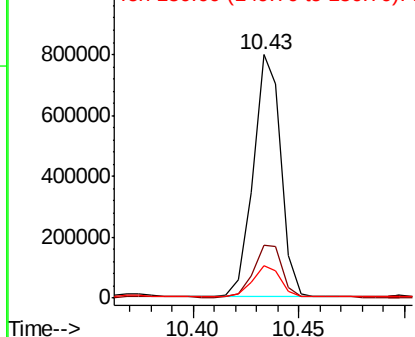


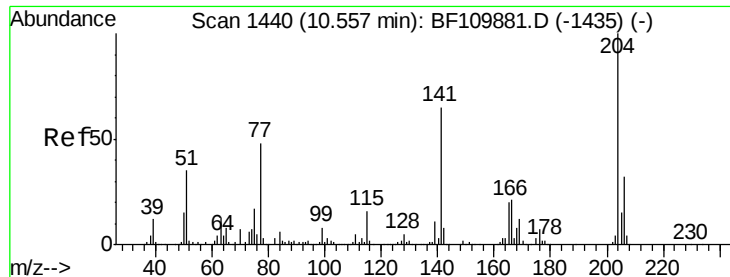
#60
 Diethylphthalate
 Concen: 39.946 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:149 Resp: 723889
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.4 26.2
 150 13.1 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

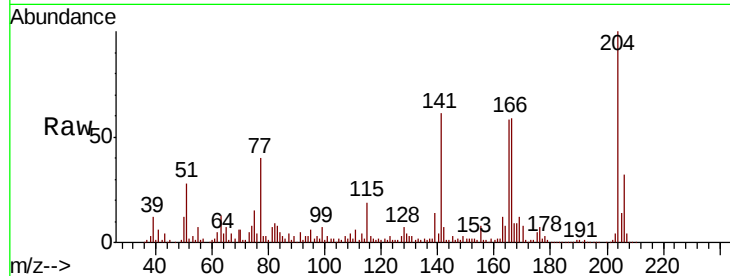




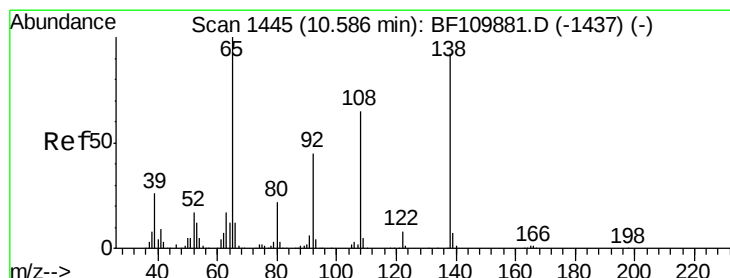
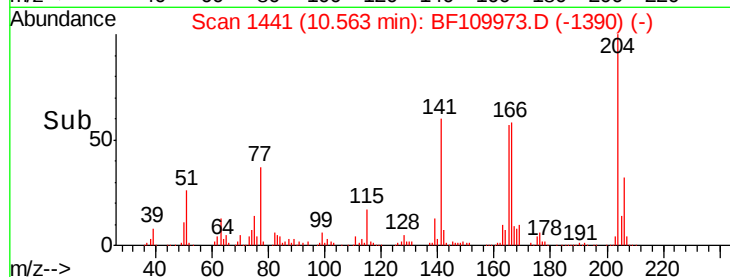
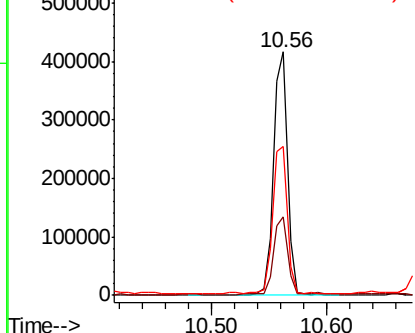
#61
4-Chlorophenyl-phenylether
Concen: 41.578 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 353638
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 61.2 51.8 77.8

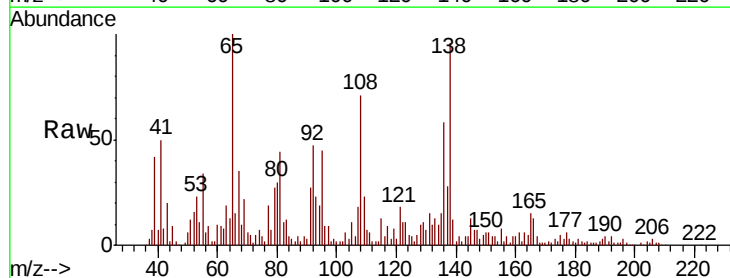


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

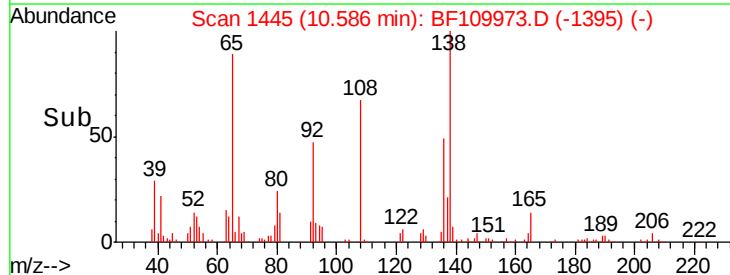
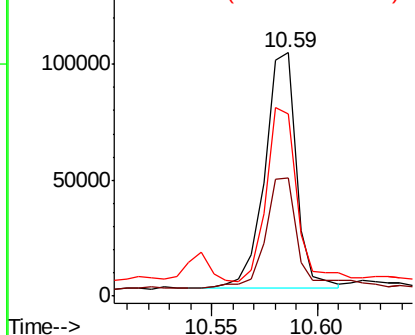


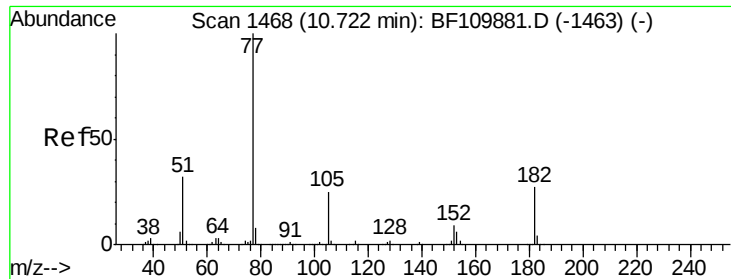
#62
4-Nitroaniline
Concen: 26.645 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:138 Resp: 106921
Ion Ratio Lower Upper
138 100
92 48.7 31.7 71.7
108 74.8 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: 37.609 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 711991

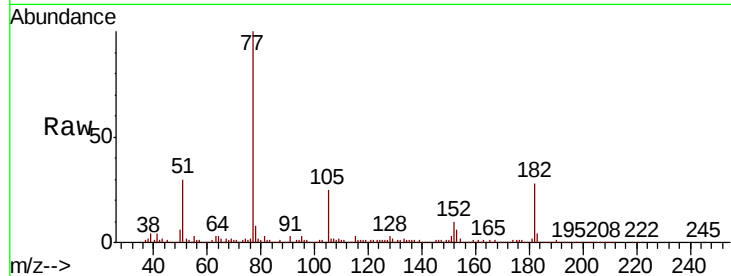
Ion Ratio Lower Upper

77 100

182 28.1 4.3 44.3

105 24.6 1.3 41.3

51 30.2 9.0 49.0

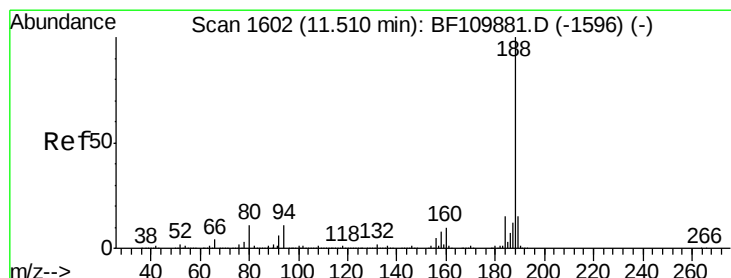
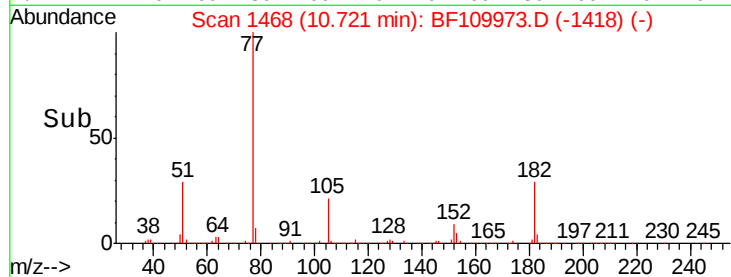
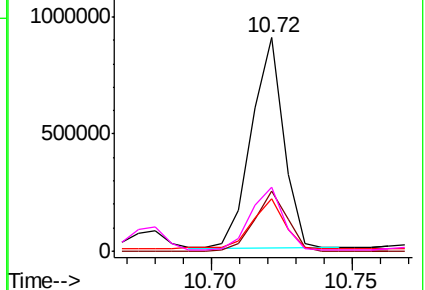


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF109973.D

Acq: 18 Oct 2018 21:52

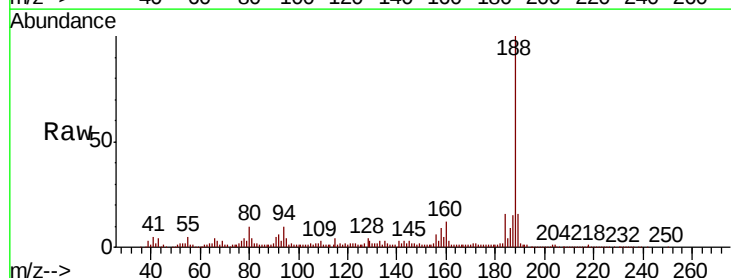
Tgt Ion: 188 Resp: 404178

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

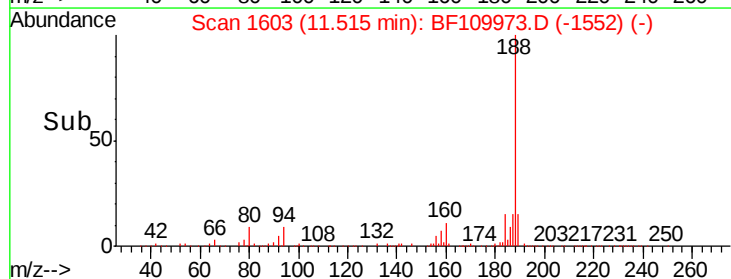
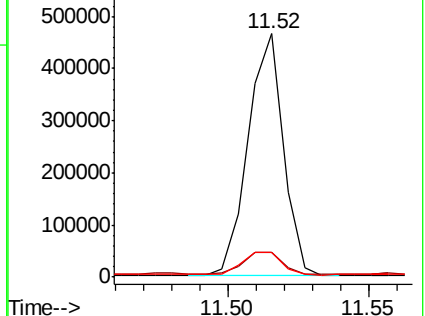
80 10.2 7.9 11.9

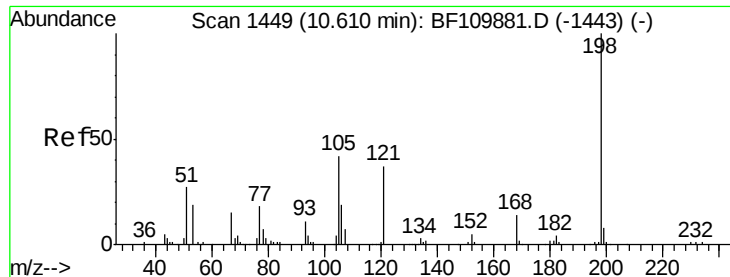


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

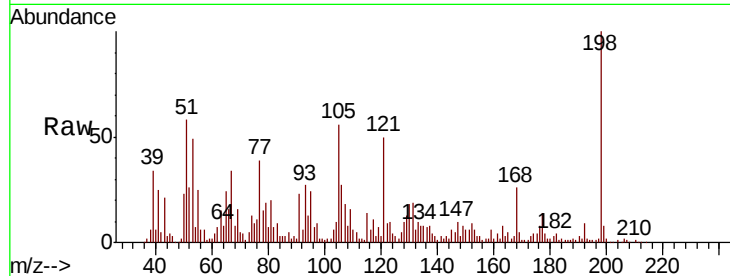




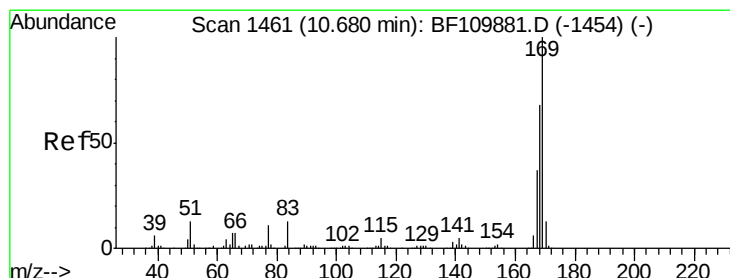
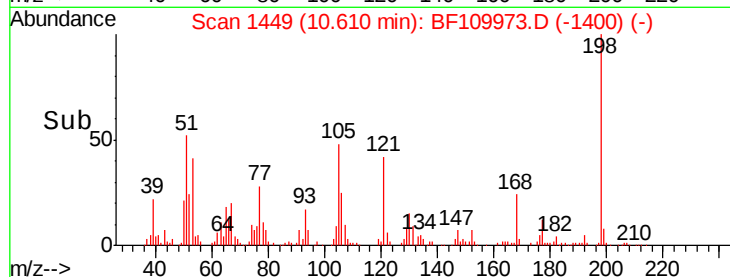
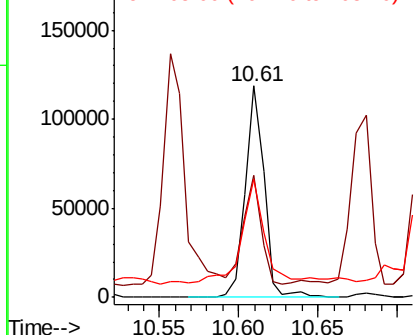
#65
4,6-Dinitro-2-methylphenol
Concen: 63.563 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.6	22.8	62.8
105	56.0	23.6	63.6

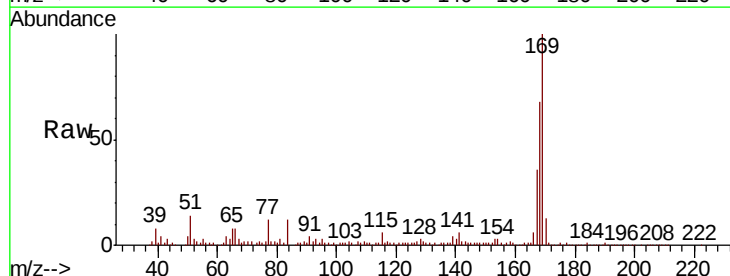


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

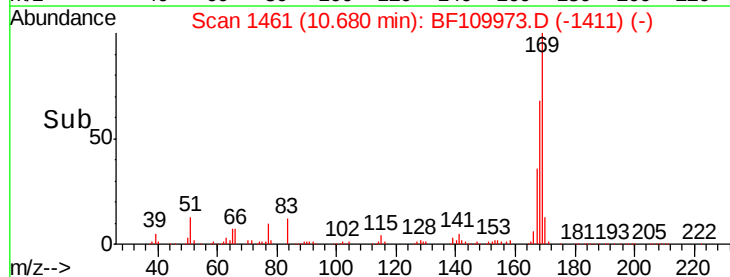
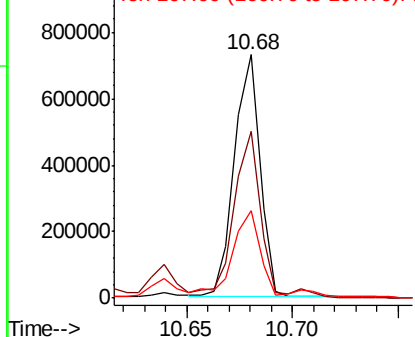


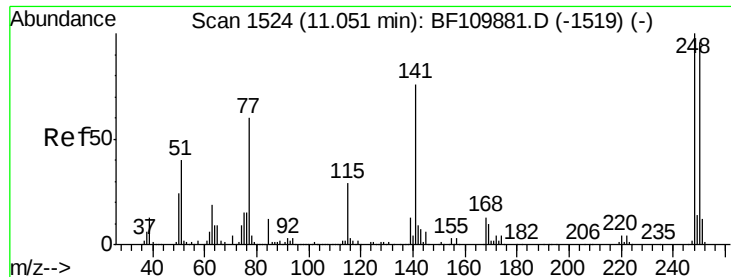
#66
n-Nitrosodiphenylamine
Concen: 45.655 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	51.2	76.8
167	35.9	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

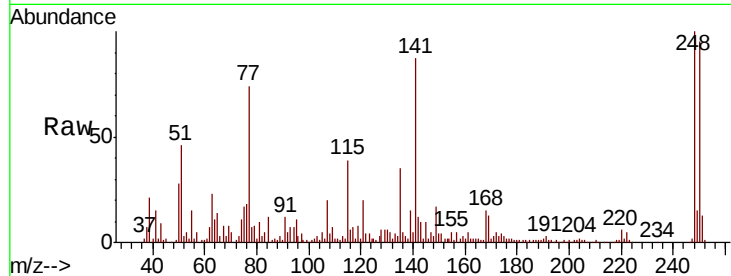




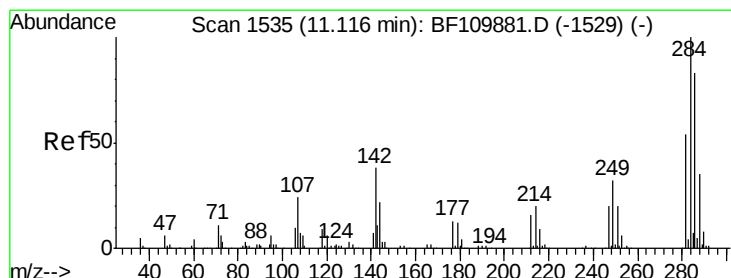
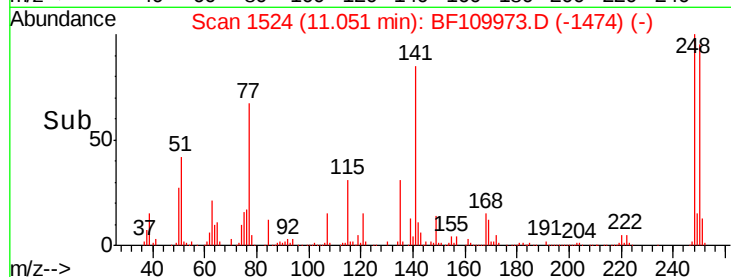
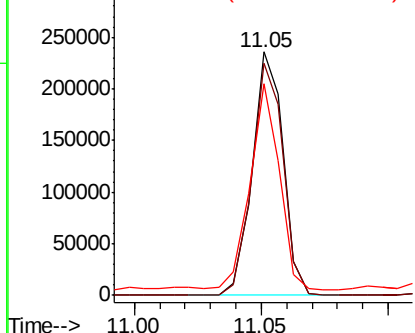
#67
 4-Bromophenyl-phenylether
 Concen: 45.595 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 199715
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.4 119.2
 141 86.9 55.9 83.9#

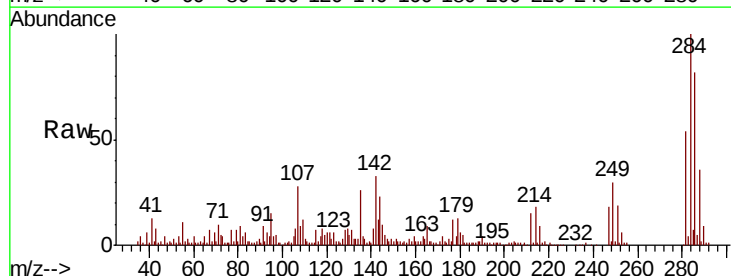


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

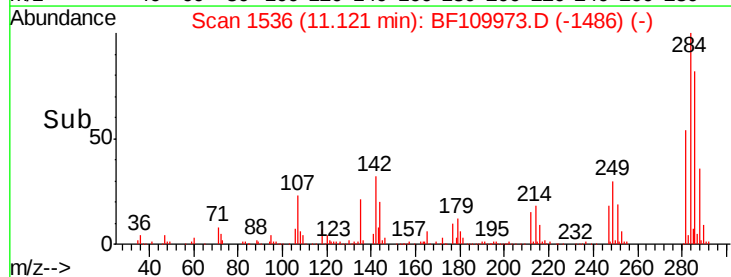
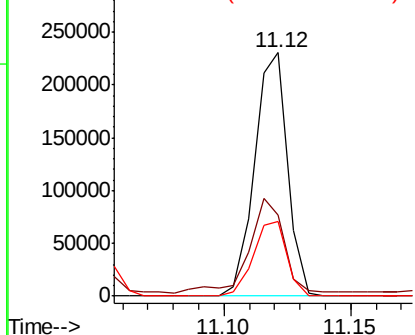


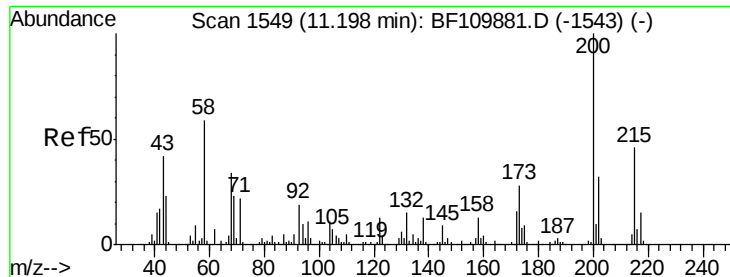
#68
 Hexachlorobenzene
 Concen: 44.635 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:284 Resp: 208490
 Ion Ratio Lower Upper
 284 100
 142 33.0 23.9 35.9
 249 30.5 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: 27.960 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

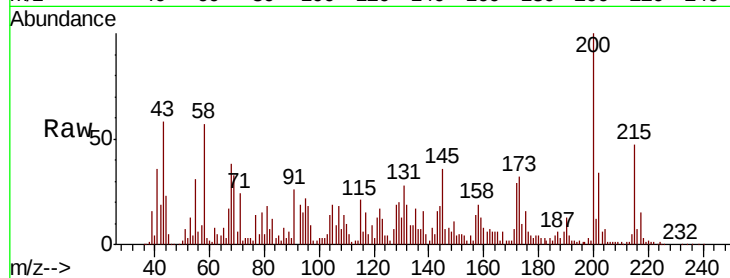
Tot Ion:200 Resp: 117571

Ion Ratio Lower Upper

200 100

173 32.4 6.6 46.6

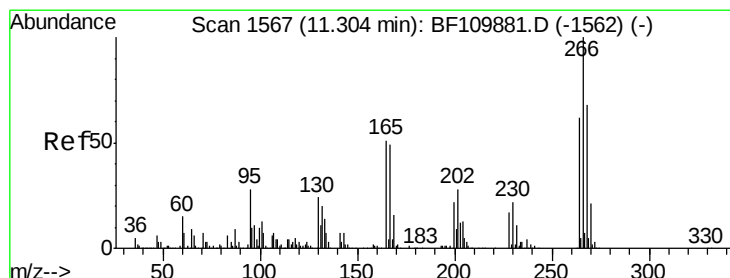
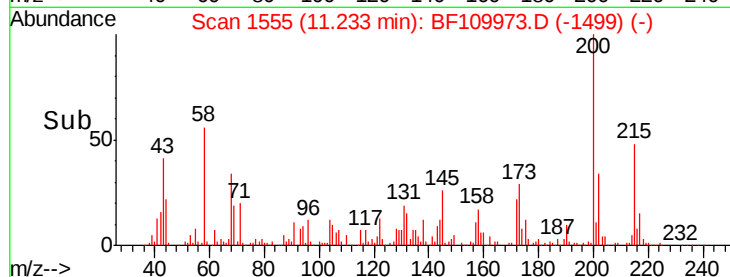
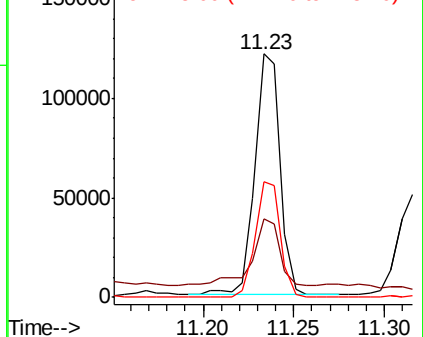
215 47.4 26.3 66.3



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: 81.431 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

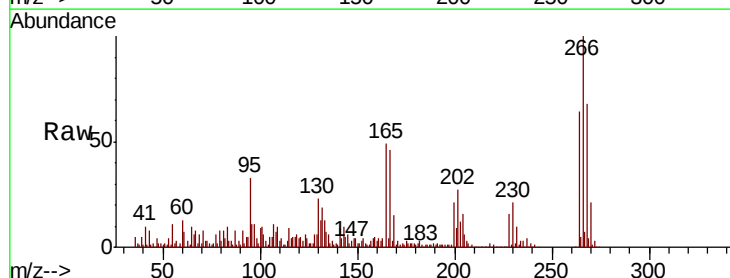
Tgt Ion:266 Resp: 216464

Ion Ratio Lower Upper

266 100

268 68.1 50.6 75.8

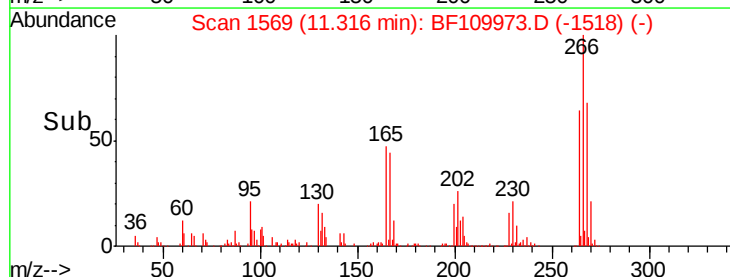
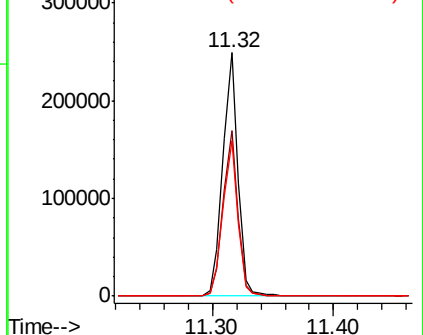
264 63.7 50.6 75.8

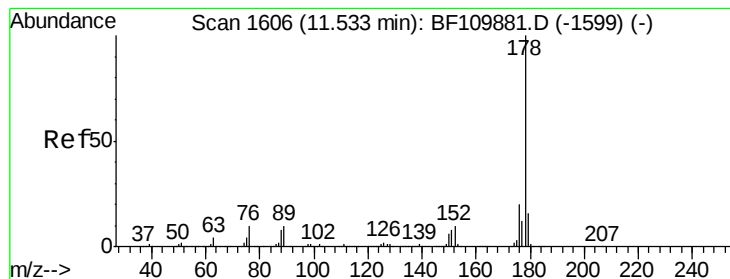


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.393 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

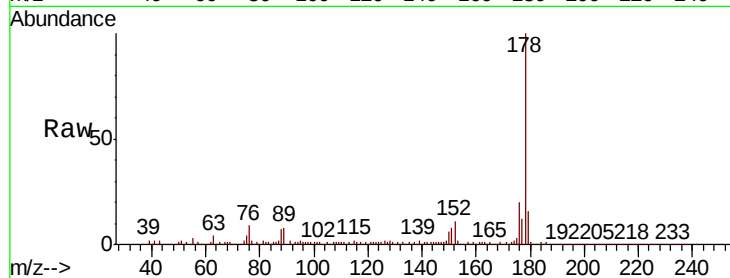
Tot Ion:178 Resp: 970759

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

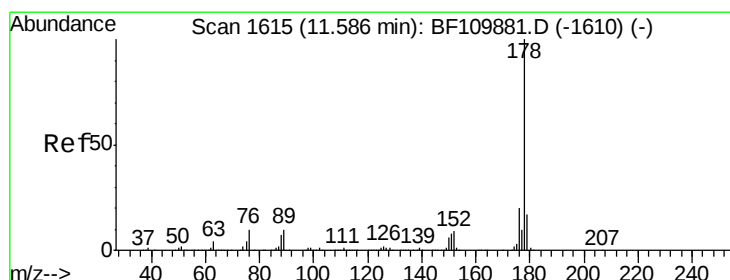
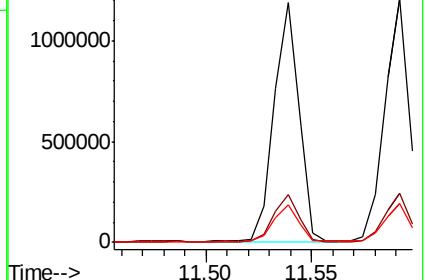
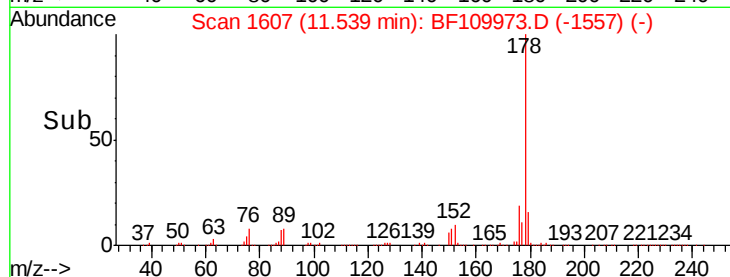
179 15.9 12.5 18.7



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



#72

Anthracene

Concen: 46.288 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

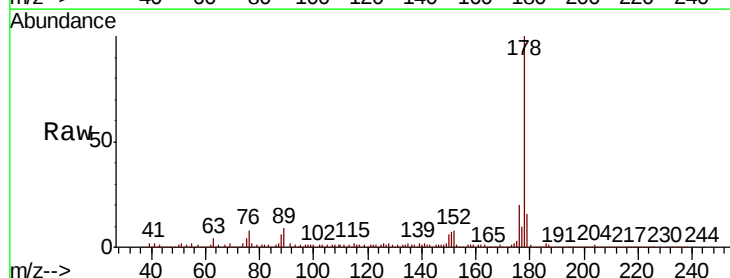
Tgt Ion:178 Resp: 973747

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

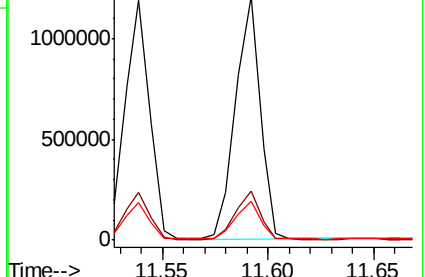
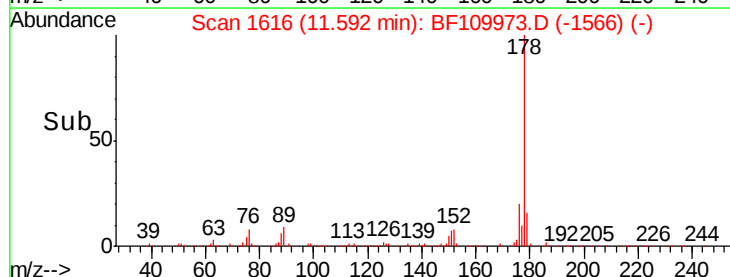
179 15.8 12.6 18.8

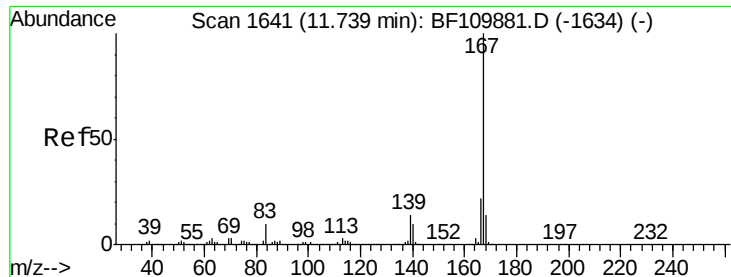


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.747 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

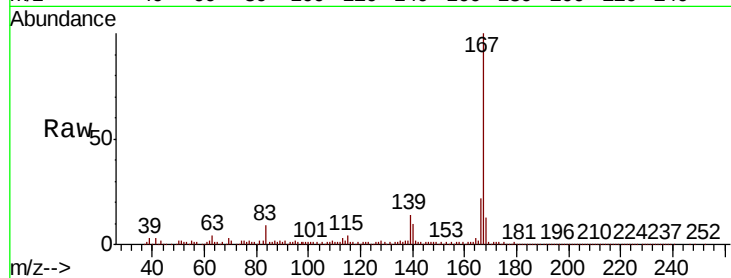
Tot Ion:167 Resp: 842439

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

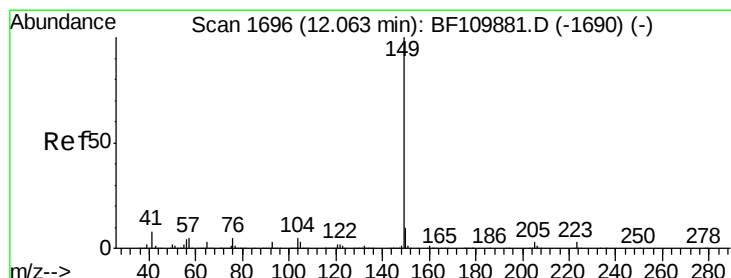
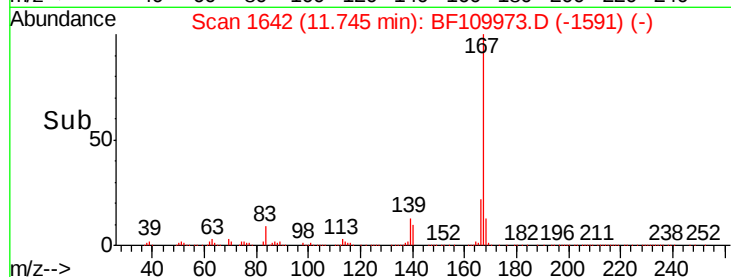
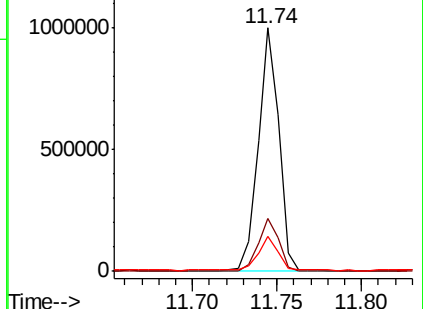
139 14.1 10.9 16.3



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



#74

Di-n-butylphthalate

Concen: 43.720 ng

RT: 12.07 min Scan# 1697

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

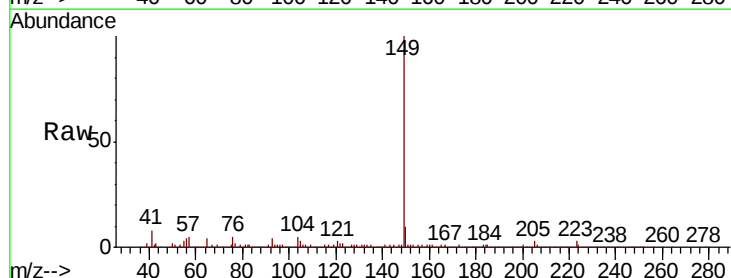
Tgt Ion:149 Resp: 1008777

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

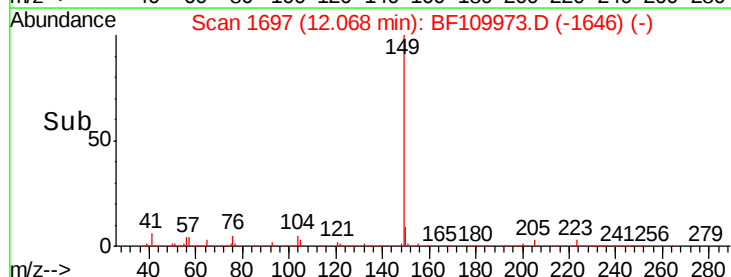
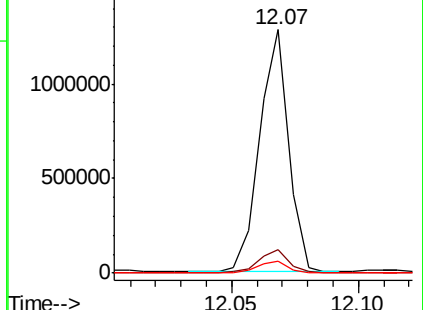
104 4.9 4.2 6.4

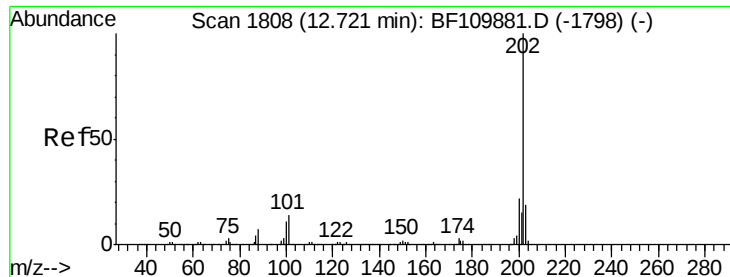


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.379 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

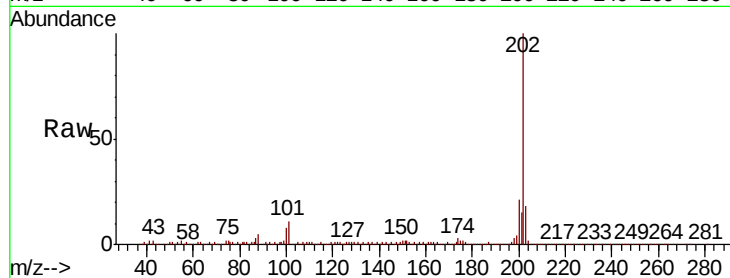
Tot Ion:202 Resp: 906758

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

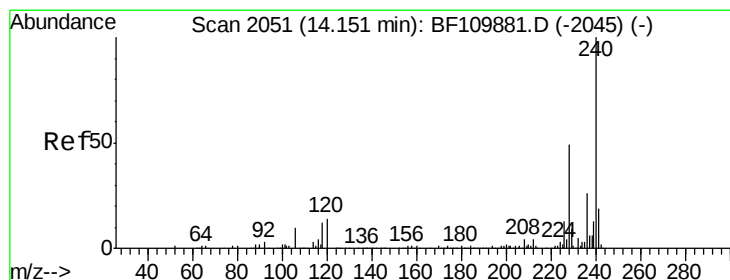
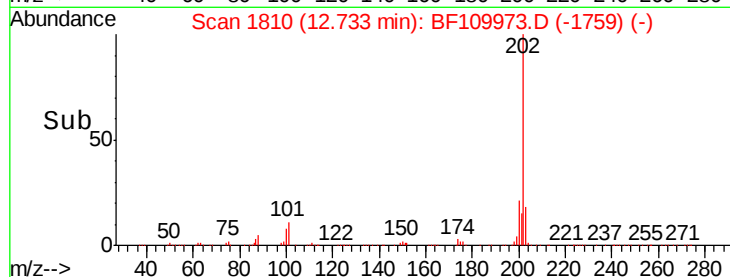
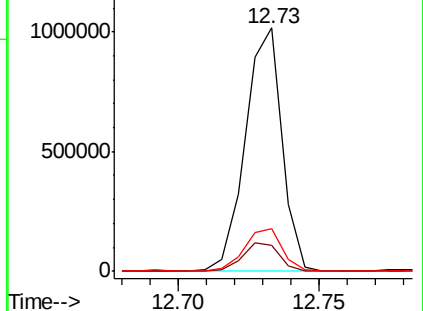
203 17.8 0.0 37.7



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: BF109973.D

Acq: 18 Oct 2018 21:52

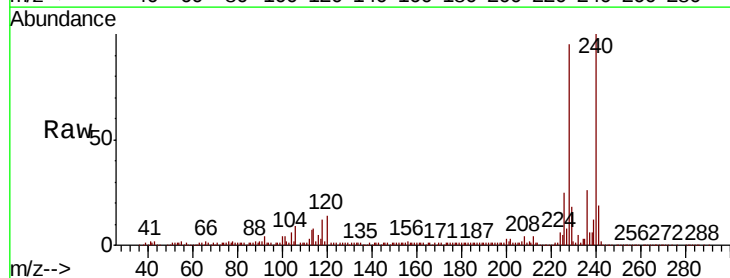
Tgt Ion:240 Resp: 326287

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

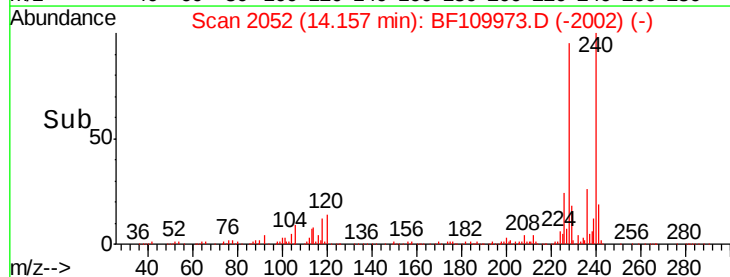
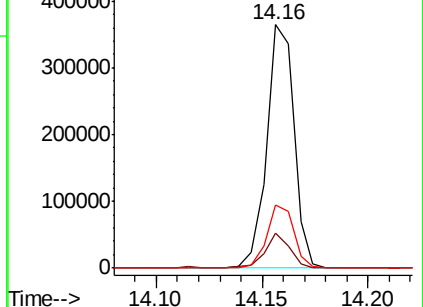
236 26.0 21.2 31.8

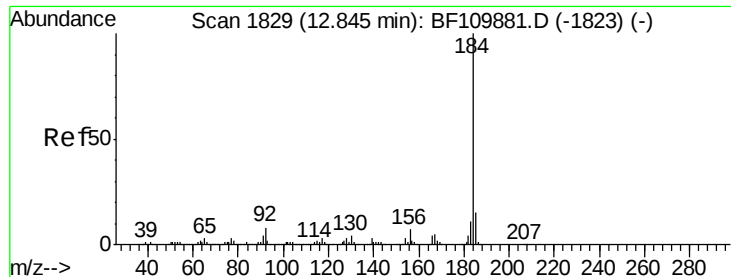


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.084 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

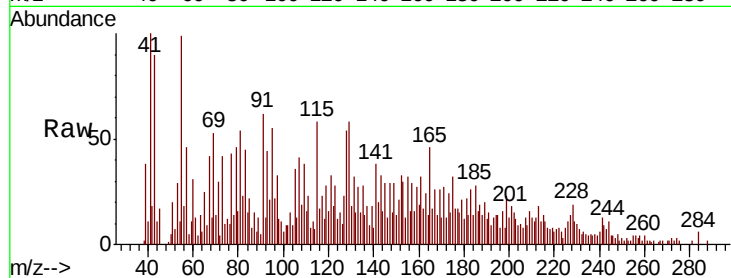
Tot Ion:184 Resp: 1048

Ion Ratio Lower Upper

184 100

185 204.0 13.4 20.2#

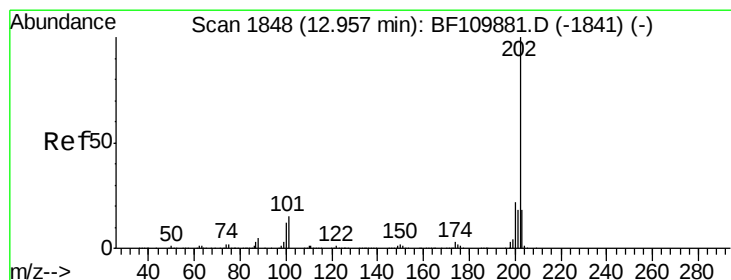
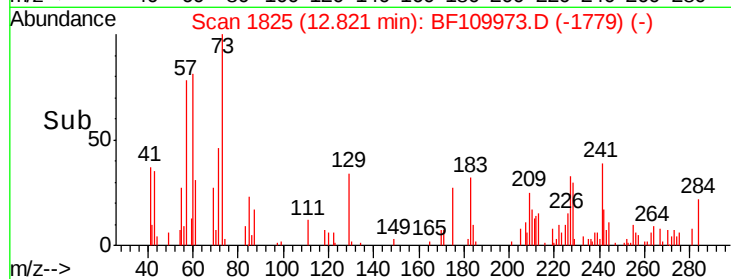
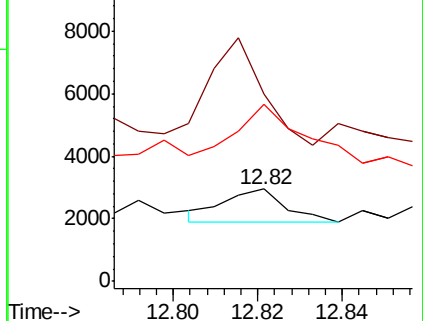
183 192.1 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.964 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

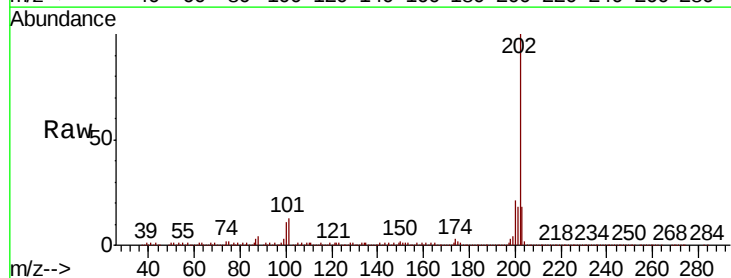
Tgt Ion:202 Resp: 909800

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

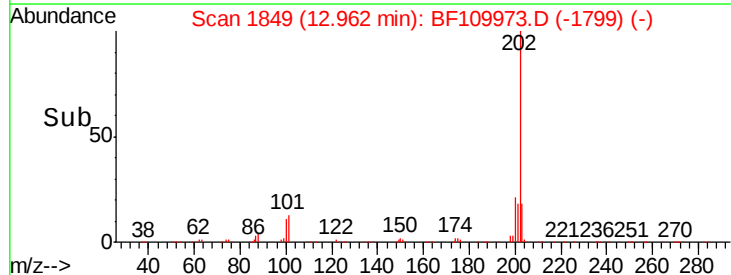
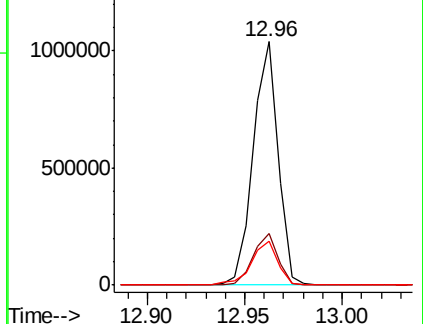
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.153 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

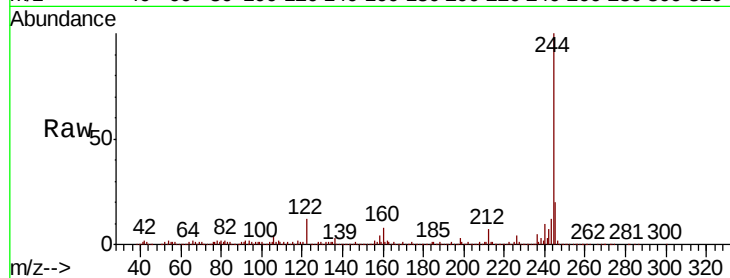
Tot Ion:244 Resp: 1152188

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

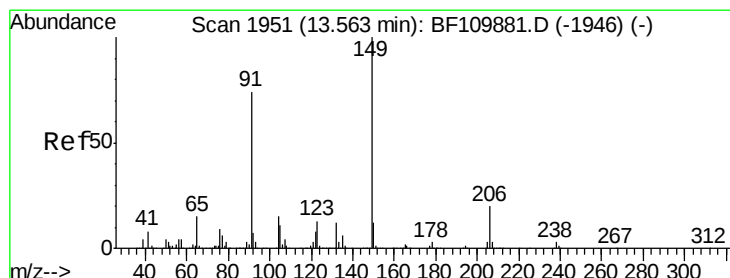
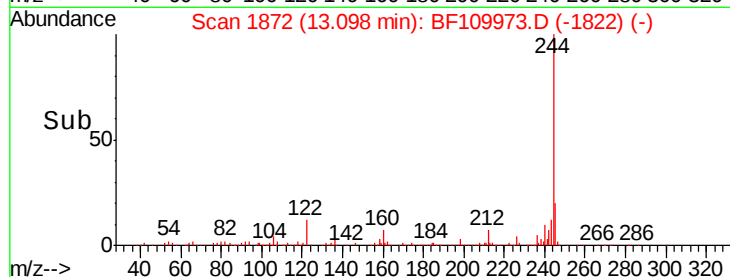
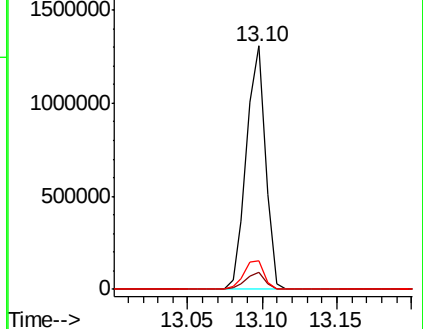
122 11.8 8.7 13.1



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: 43.927 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

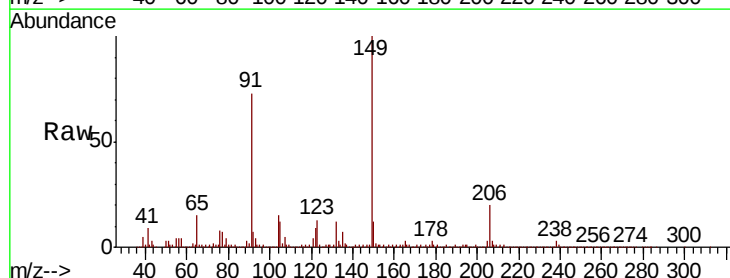
Tgt Ion:149 Resp: 425597

Ion Ratio Lower Upper

149 100

91 73.5 57.2 85.8

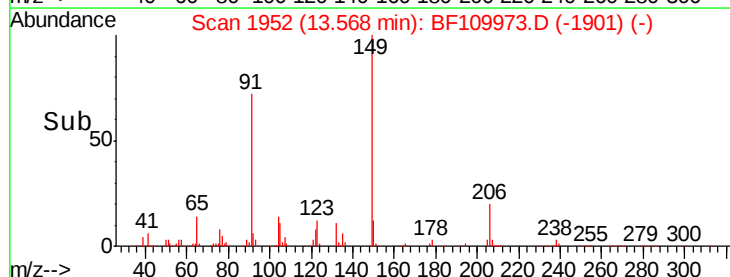
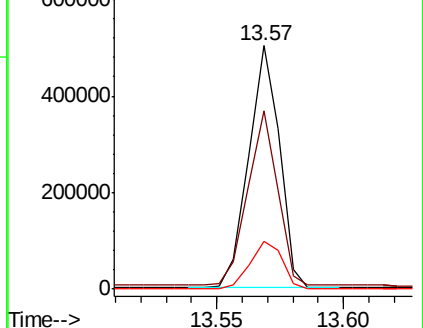
206 19.8 15.7 23.5

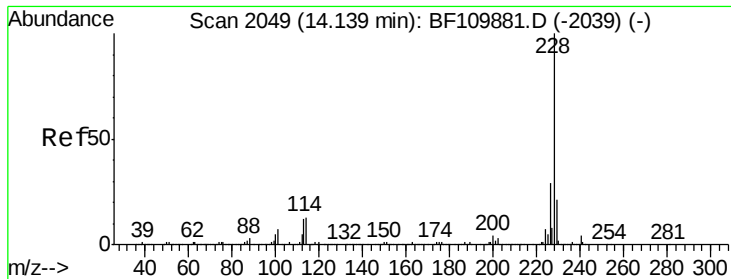


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

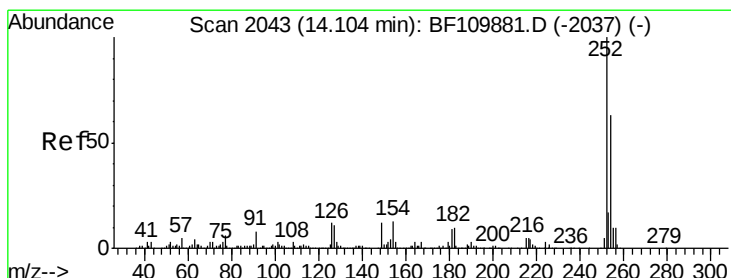
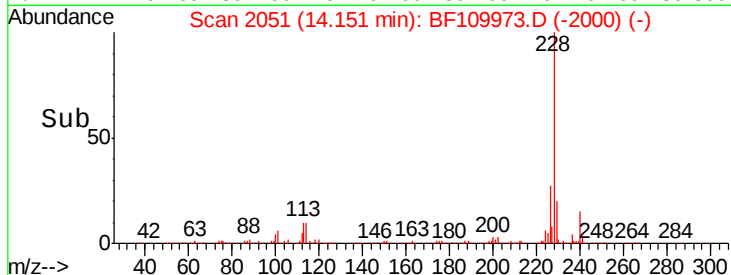
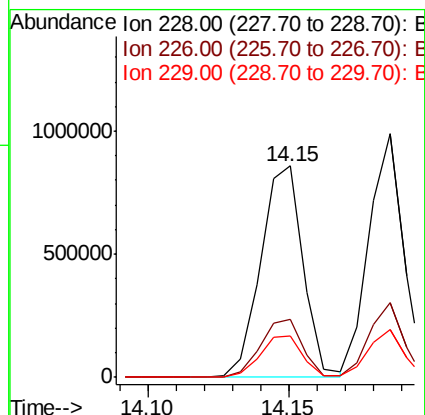
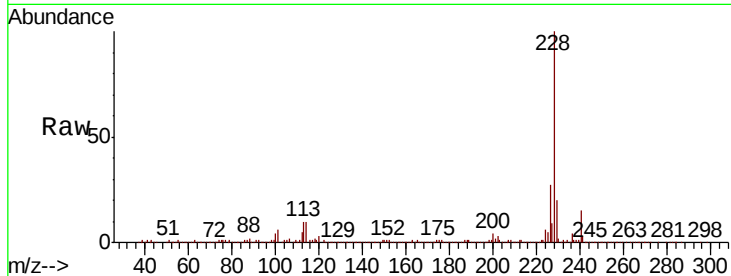




#81
Benzo(a)anthracene
Concen: 46.253 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

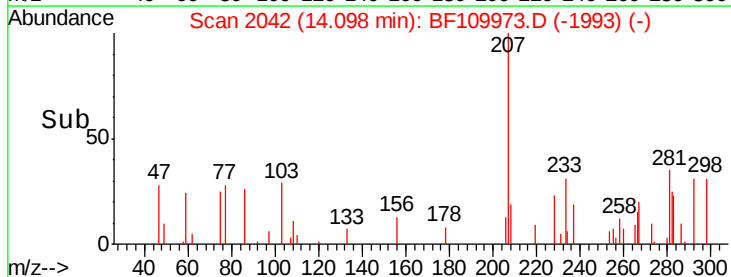
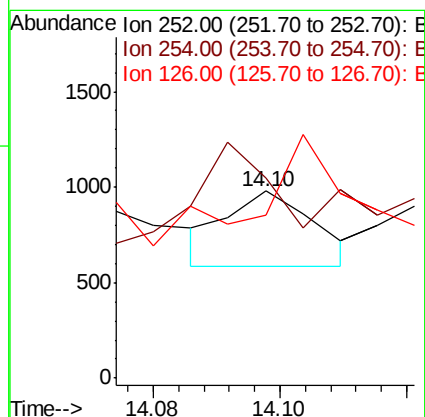
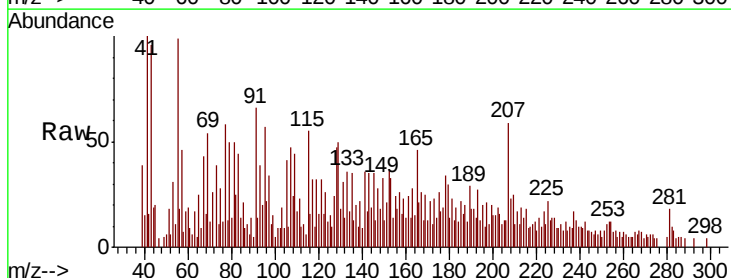
Instrument :
BNA_F
ClientSampled :

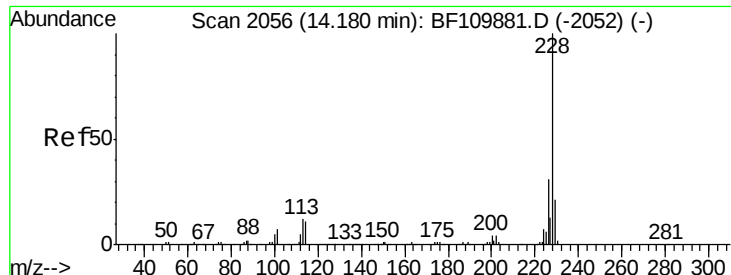
Tot Ion:228 Resp: 888944
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 0.055 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:252 Resp: 370
Ion Ratio Lower Upper
252 100
254 107.3 51.3 76.9#
126 87.2 9.4 14.2#





#83

Chrysene

Concen: 45.496 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

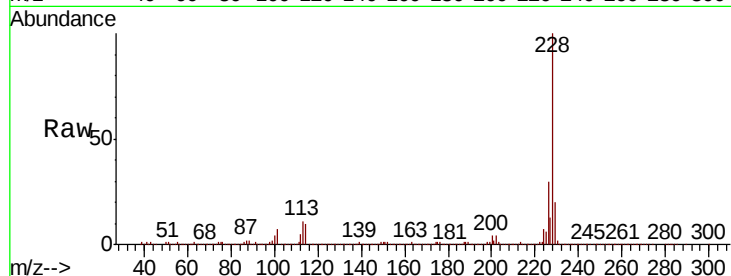
Tot Ion:228 Resp: 832296

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

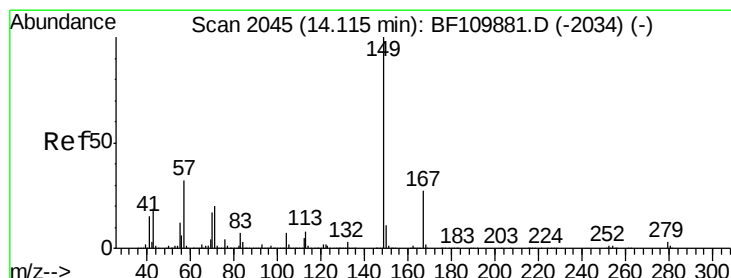
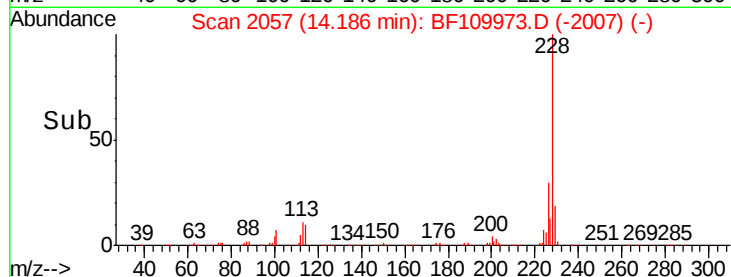
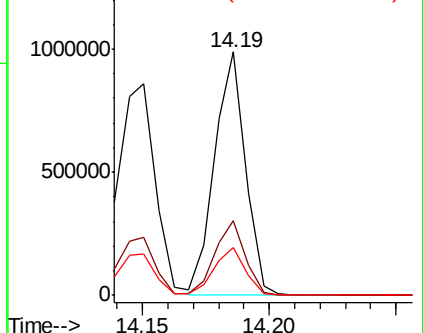
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.164 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

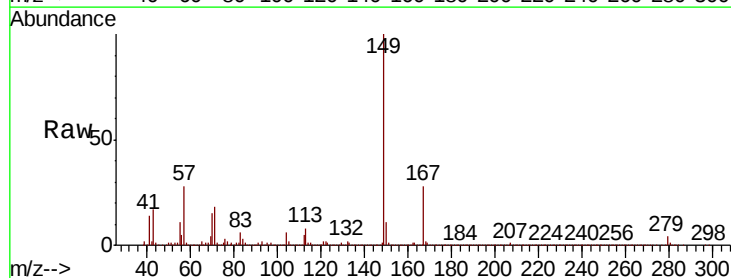
Tgt Ion:149 Resp: 614029

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

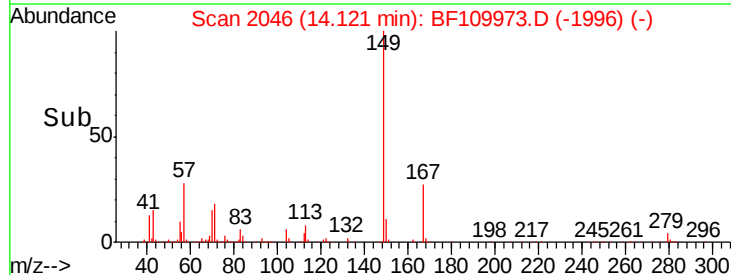
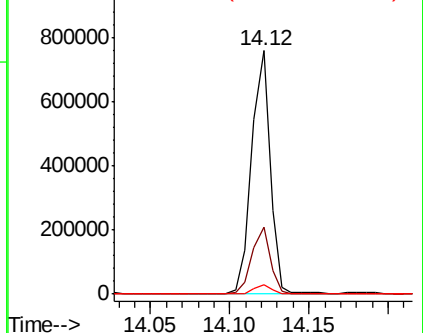
279 3.9 2.7 4.1

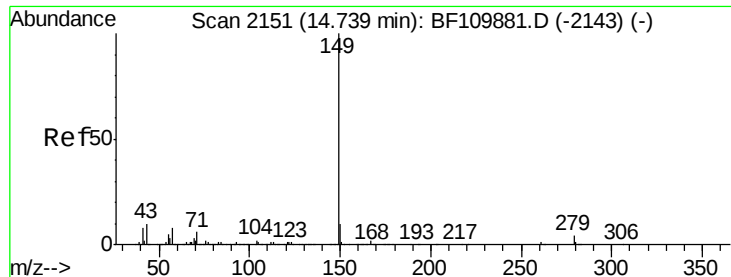


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 60.274 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

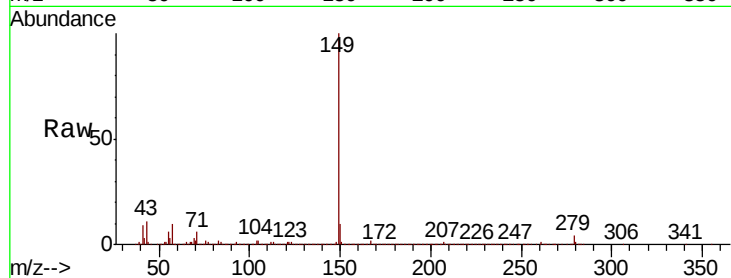
Tot Ion:149 Resp: 1083351

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

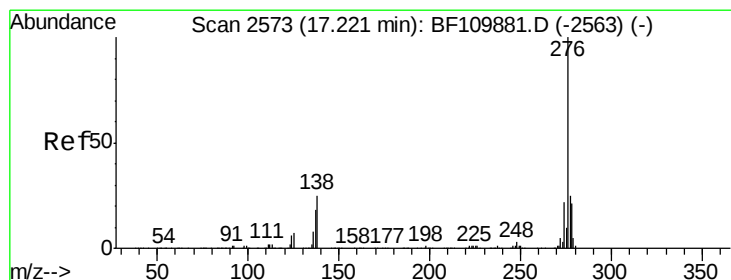
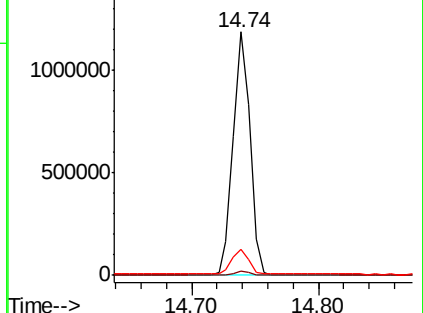
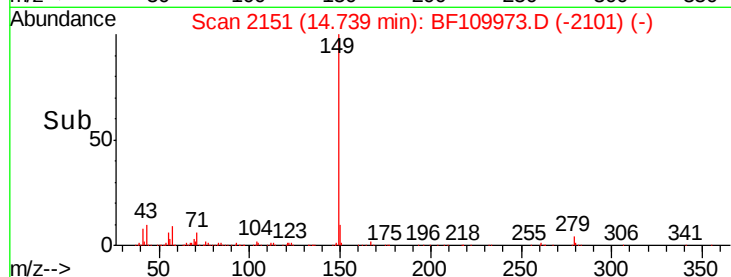
43 10.2 7.8 11.8



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: 78.424 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

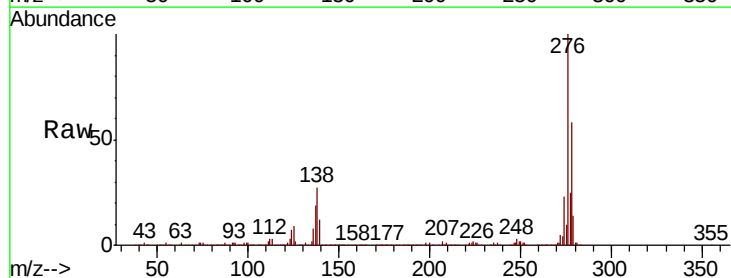
Tgt Ion:276 Resp: 1155125

Ion Ratio Lower Upper

276 100

138 28.0 18.5 27.7#

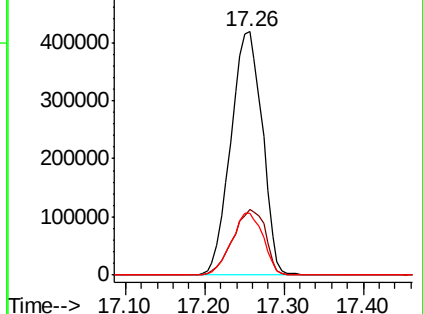
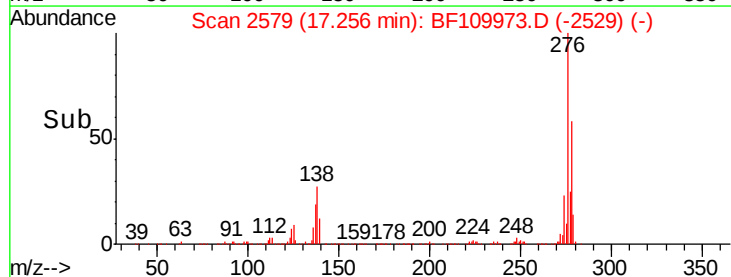
277 25.6 20.0 30.0

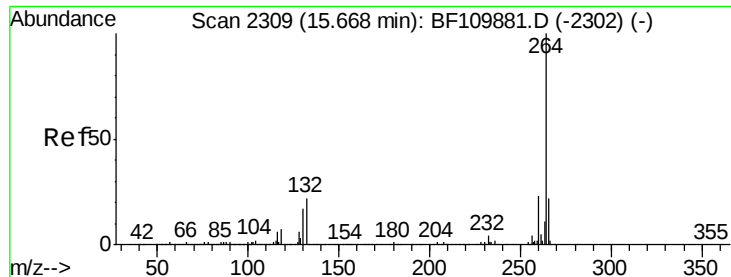


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

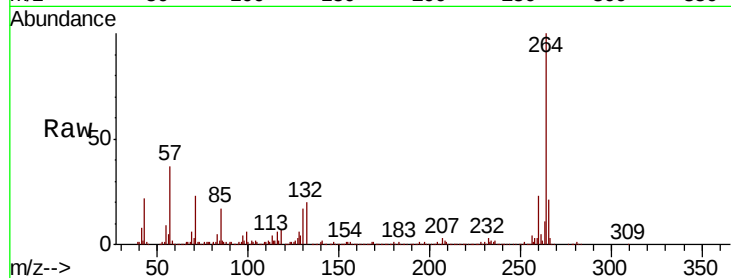
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 374869

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.6	16.7	25.1

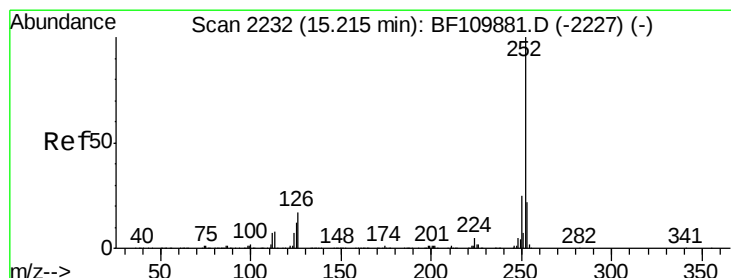
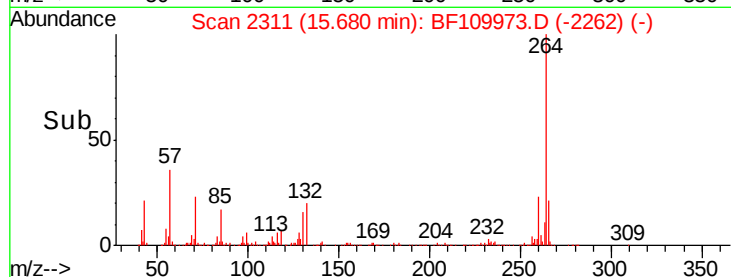
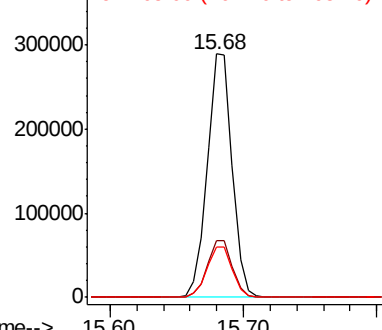


Abundance

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: 44.496 ng

RT: 15.23 min Scan# 2234

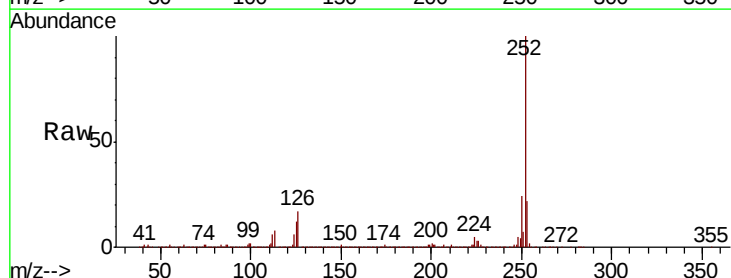
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:252 Resp: 961644

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.9	8.2	12.4

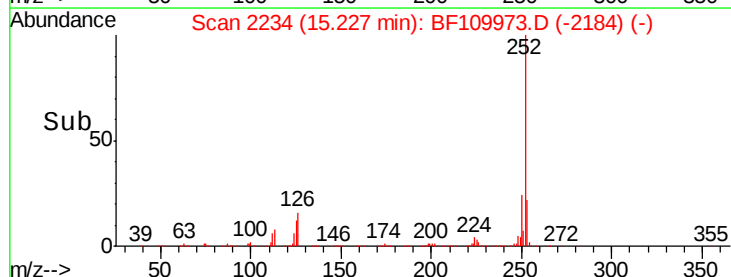
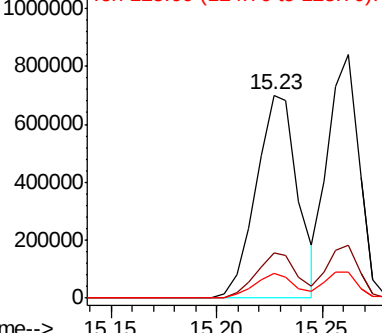


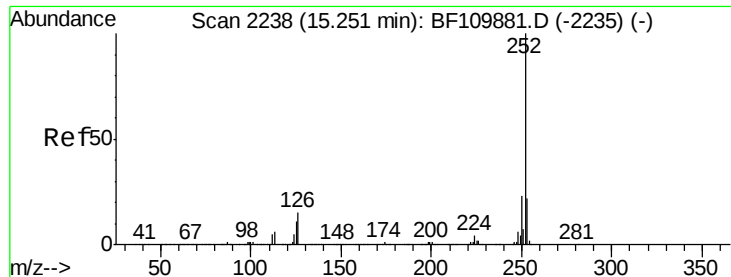
Abundance

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

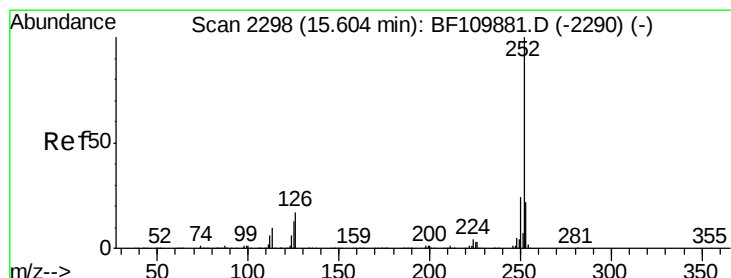
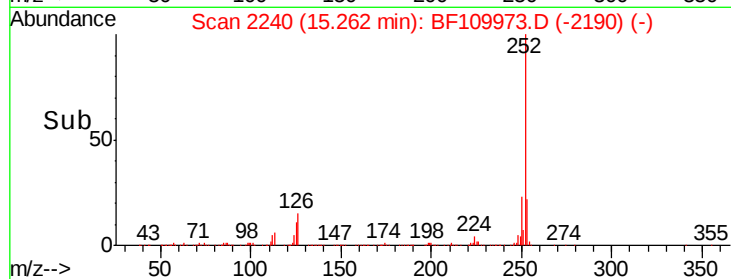
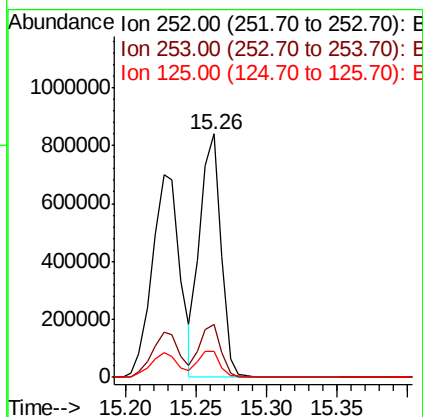
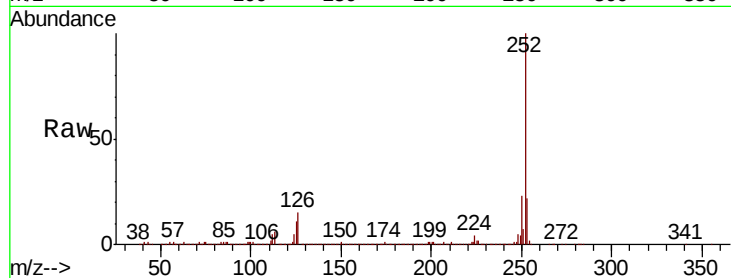




#89
Benzo(k)fluoranthene
Concen: 40.899 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

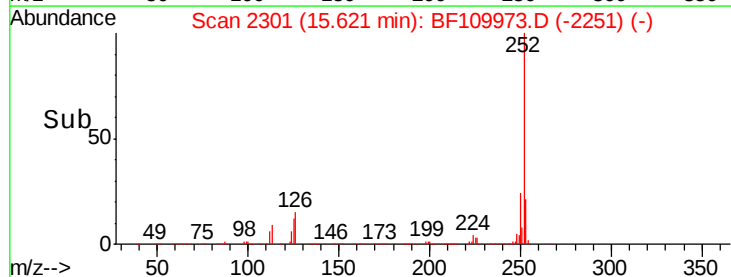
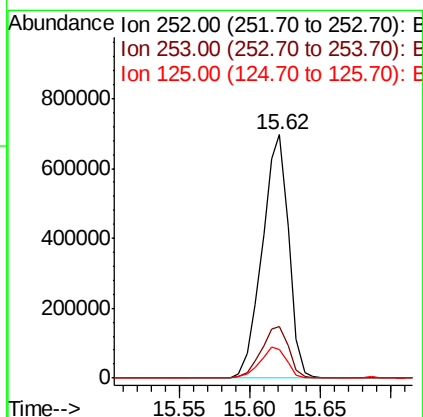
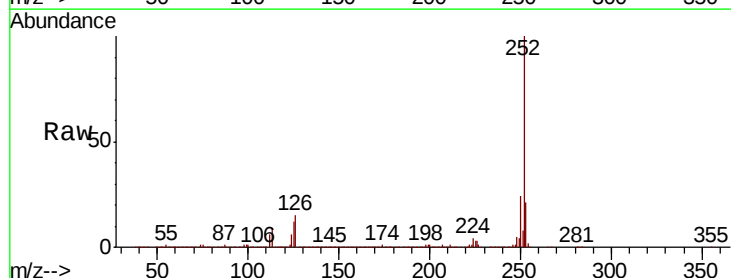
Instrument :
BNA_F
ClientSampleId :

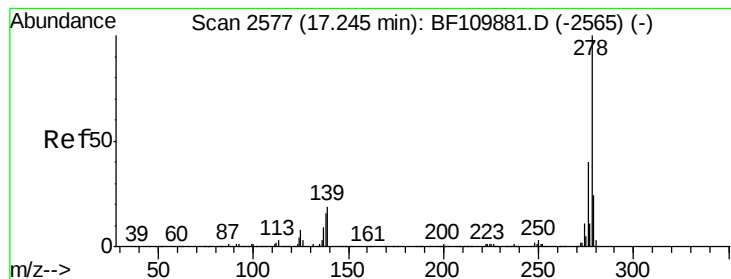
Tot Ion:252 Resp: 871235
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.274 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:252 Resp: 919796
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 12.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 53.862 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

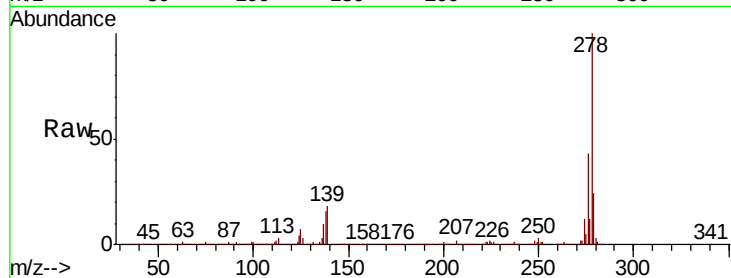
Tot Ion:278 Resp: 948804

Ion Ratio Lower Upper

278 100

139 18.1 12.7 19.1

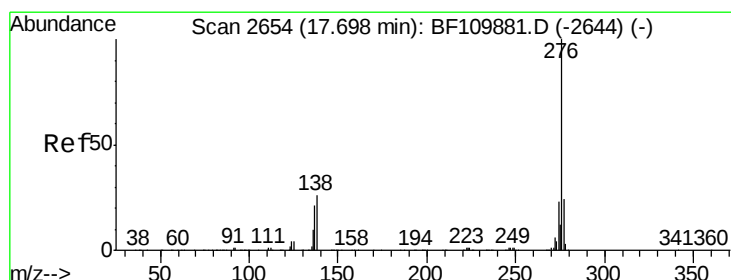
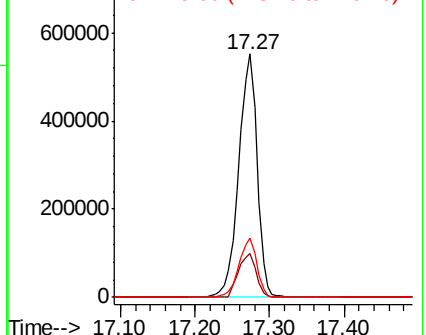
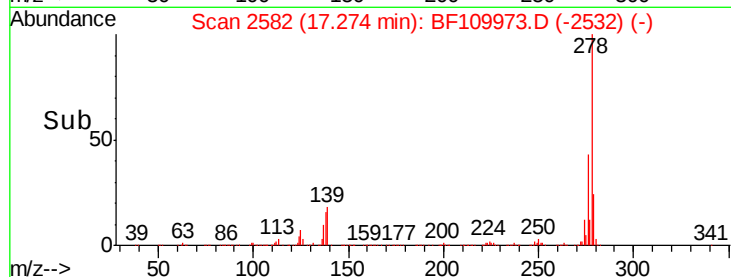
279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.498 ng

RT: 17.73 min Scan# 2660

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

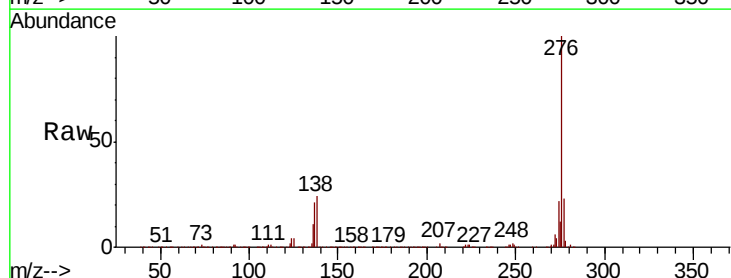
Tgt Ion:276 Resp: 987752

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 24.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

