

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103810.D
 Acq On : 20 Mar 2018 18:51
 Operator : JU/SJ
 Sample : J1975-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 00:57:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160196	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	641509	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	288245	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	468901	20.00	ng	0.01
75) Chrysene-d12	14.16	240	285866	20.00	ng	0.01
86) Perylene-d12	15.70	264	269263	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1295340	122.99	ng	0.02
7) Phenol-d6	6.60	99	1727671	134.08	ng	0.02
23) Nitrobenzene-d5	7.55	82	995728	108.24	ng	0.01
41) 2,4,6-Tribromophenol	10.82	330	372069	150.13	ng	0.02
44) 2-Fluorobiphenyl	9.33	172	1587261	87.84	ng	0.00
78) Terphenyl-d14	13.10	244	1315648	106.83	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	191803	36.984	ng	# 89
3) Pyridine	3.66	79	485935	34.066	ng	86
4) n-Nitrosodimethylamine	3.62	42	219416	41.717	ng	# 76
6) Aniline	6.65	93	445234	24.198	ng	96
8) 2-Chlorophenol	6.76	128	494896	44.855	ng	95
9) Benzaldehyde	6.53	77	159333	18.822	ng	93
10) Phenol	6.62	94	637037	46.525	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	491914	43.520	ng	95
12) 1,3-Dichlorobenzene	6.92	146	503192	40.043	ng	99
13) 1,4-Dichlorobenzene	6.99	146	489322	38.751	ng	100
14) 1,2-Dichlorobenzene	7.15	146	452290	38.600	ng	99
15) Benzyl Alcohol	7.12	79	402016	40.267	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	590825	36.750	ng	93
17) 2-Methylphenol	7.22	107	400927	40.806	ng	97
18) Hexachloroethane	7.49	117	164497	37.035	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	306874	37.161	ng	93
20) 3+4-Methylphenols	7.37	107	482428	38.690	ng	# 87
22) Acetophenone	7.39	105	611121	37.067	ng	# 93
24) Nitrobenzene	7.56	77	477649	44.227	ng	92
25) Isophorone	7.79	82	893337	41.950	ng	99
26) 2-Nitrophenol	7.87	139	253100	58.921	ng	# 88
27) 2,4-Dimethylphenol	7.90	122	433945	47.566	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	574195	44.528	ng	98
29) 2,4-Dichlorophenol	8.11	162	385759	46.477	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	391437	40.662	ng	99
31) Naphthalene	8.28	128	1295577	39.980	ng	100
32) Benzoic acid	7.97	122	70830	18.638	ng	97
33) 4-Chloroaniline	8.32	127	165226	12.153	ng	96
34) Hexachlorobutadiene	8.39	225	206709	39.164	ng	99
35) Caprolactam	8.70	113	89732	31.397	ng	# 76
36) 4-Chloro-3-methylphenol	8.80	107	420577	45.965	ng	97
37) 2-Methylnaphthalene	8.97	142	877941	42.722	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	374278	45.514	ng	99
40) Hexachlorocyclopentadiene	9.12	237	109142	25.721	ng	99

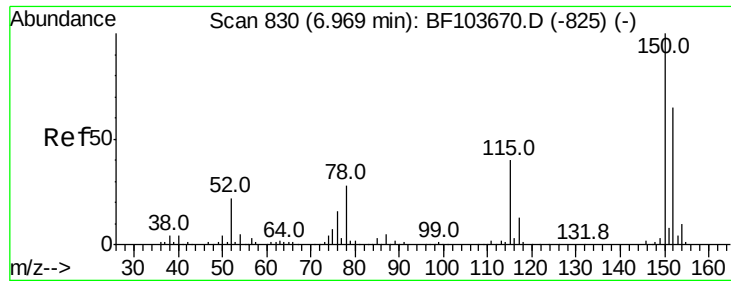
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103810.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	266254	50.620	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	280577	47.261	ng	95
45) 1,1'-Biphenyl	9.43	154	971667	40.426	ng	100
46) 2-Chloronaphthalene	9.46	162	776145	40.656	ng	100
47) 2-Nitroaniline	9.56	65	242473	48.474	ng	96
48) Acenaphthylene	9.88	152	1173569	39.643	ng	99
49) Dimethylphthalate	9.73	163	1054188	47.936	ng	100
50) 2,6-Dinitrotoluene	9.80	165	205111	48.196	ng	97
51) Acenaphthene	10.05	154	690613	39.290	ng	100
52) 3-Nitroaniline	9.97	138	157156	32.188	ng	94
53) 2,4-Dinitrophenol	10.07	184	33594	41.465	ng	# 16
54) Dibenzofuran	10.23	168	1032462	41.127	ng	99
55) 4-Nitrophenol	10.13	139	349153	86.301	ng	93
56) 2,4-Dinitrotoluene	10.20	165	269428	49.733	ng	96
57) Fluorene	10.57	166	776419	39.856	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	201140	47.815	ng	94
59) Diethylphthalate	10.43	149	866062	39.678	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	366046	41.116	ng	95
61) 4-Nitroaniline	10.59	138	199796	41.285	ng	95
62) Azobenzene	10.72	77	831299	37.461	ng	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	38181	29.021	ng	# 71
65) n-Nitrosodiphenylamine	10.67	169	721458	45.203	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	233280	48.455	ng	# 88
67) Hexachlorobenzene	11.12	284	244367	44.472	ng	96
68) Atrazine	11.20	200	239474	48.503	ng	97
69) Pentachlorophenol	11.31	266	211977	67.101	ng	96
70) Phenanthrene	11.54	178	1047461	40.837	ng	99
71) Anthracene	11.59	178	1075728	41.292	ng	99
72) Carbazole	11.74	167	1001542	39.554	ng	100
73) Di-n-butylphthalate	12.06	149	1300518	42.805	ng	100
74) Fluoranthene	12.73	202	953356	36.077	ng	99
76) Benzidine	12.84	184	471493	38.671	ng	98
77) Pyrene	12.96	202	964973	45.965	ng	99
79) Butylbenzylphthalate	13.57	149	508485	54.668	ng	94
80) Benzo(a)anthracene	14.15	228	749633	41.427	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	267374	44.174	ng	98
82) Chrysene	14.19	228	702713	40.739	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	632562	47.605	ng	99
84) Di-n-octyl phthalate	14.75	149	1002168	51.842	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.28	276	648639	43.059	ng	99
87) Benzo(b)fluoranthene	15.24	252	745977	43.852	ng	98
88) Benzo(k)fluoranthene	15.28	252	630374	38.549	ng	99
89) Benzo(a)pyrene	15.64	252	657262	42.598	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	557053	41.694	ng	98
91) Benzo(g,h,i)perylene	17.76	276	512461	39.427	ng	98

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

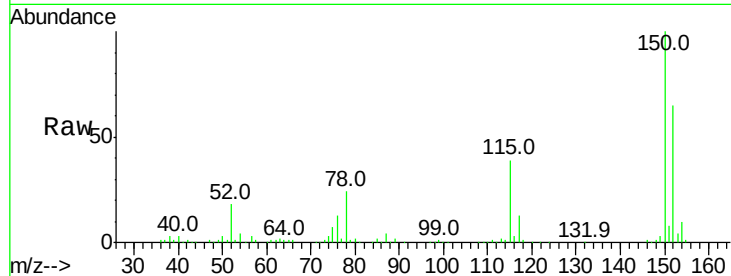


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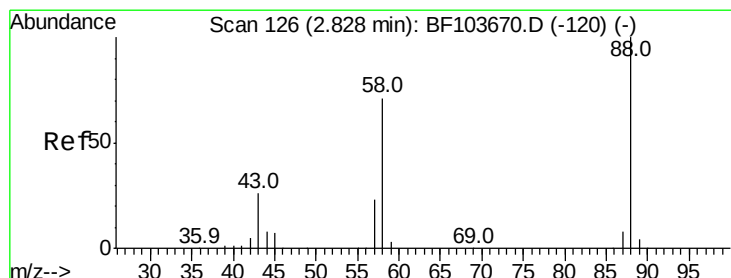
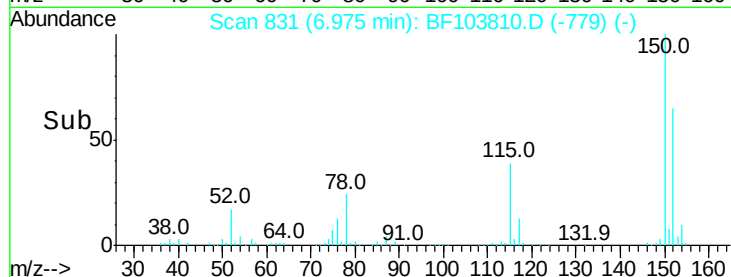
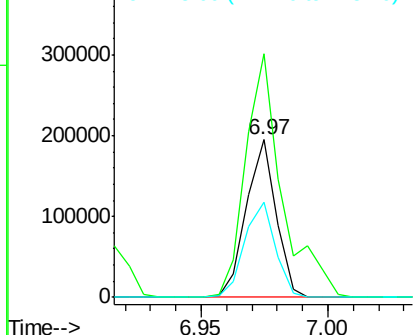
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160196
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.3 50.1 75.1



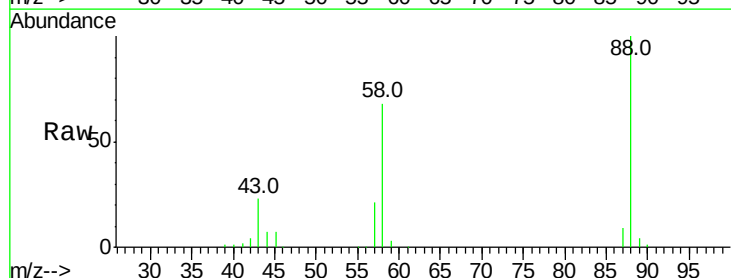
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



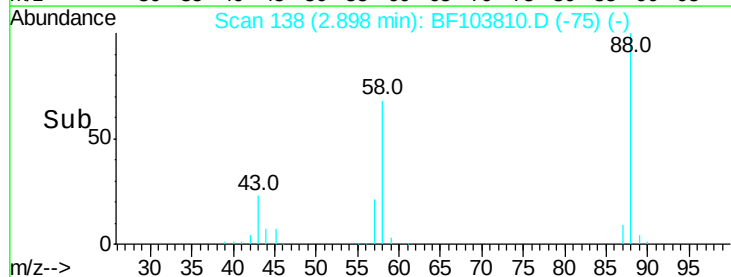
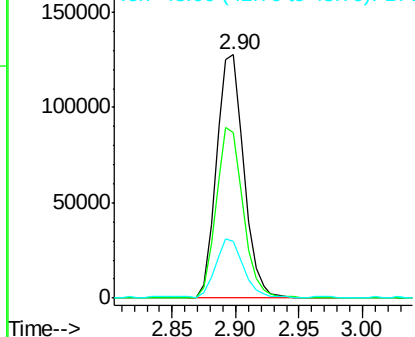
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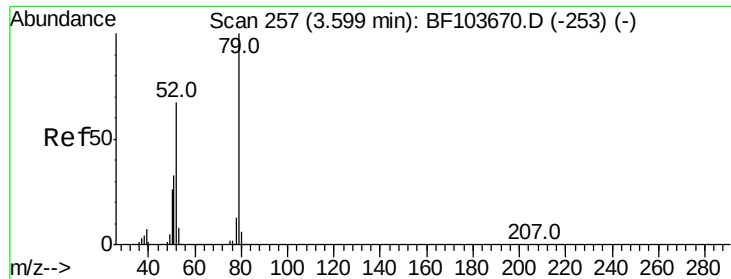
1,4-Dioxane
Concen: 36.984 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.07 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion: 88 Resp: 191803
Ion Ratio Lower Upper
88 100
58 68.9 62.6 93.8
43 24.0 24.6 37.0#



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: 34.066 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

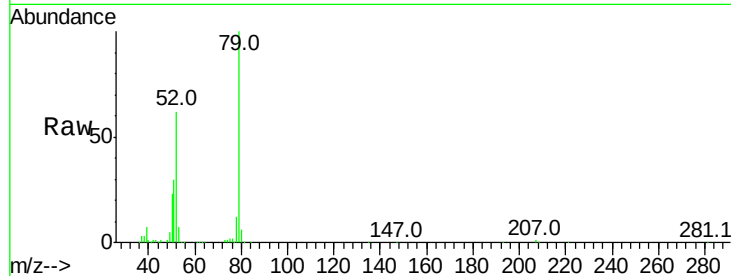
Tot Ion: 79 Resp: 485935

Ion Ratio Lower Upper

79 100

52 61.6 59.8 89.6

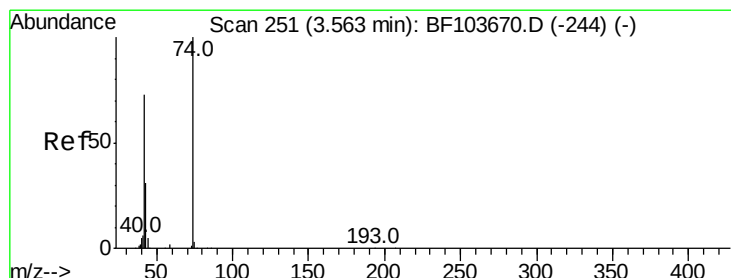
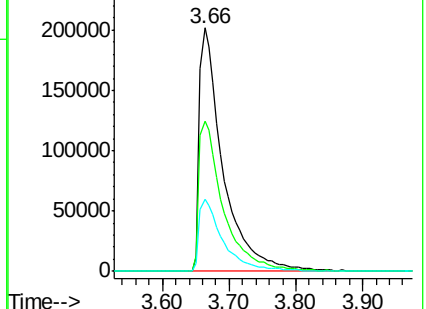
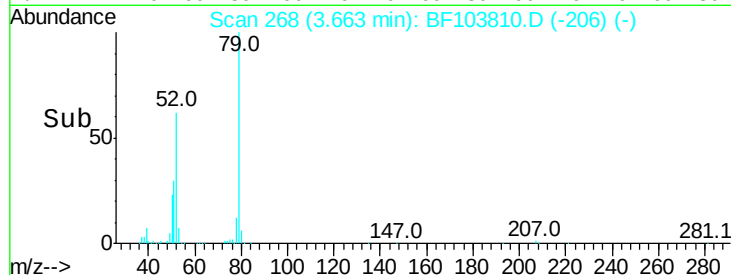
51 29.8 29.8 44.8



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: 41.717 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.06 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

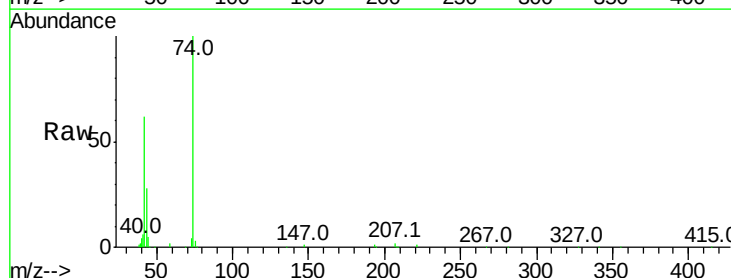
Tgt Ion: 42 Resp: 219416

Ion Ratio Lower Upper

42 100

74 161.2 104.9 157.3#

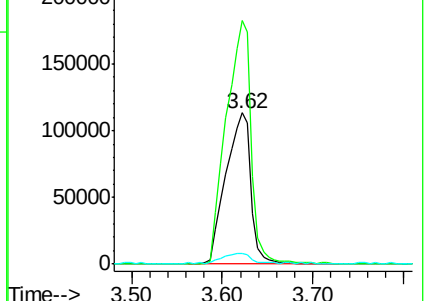
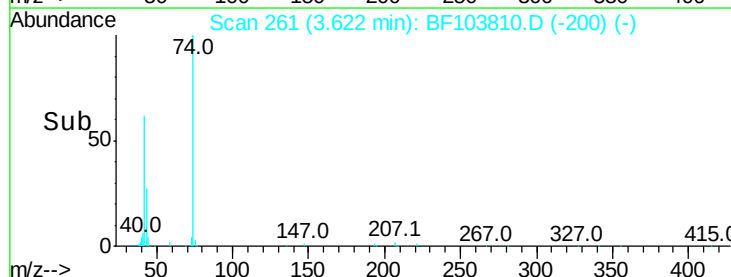
44 7.3 6.9 10.3

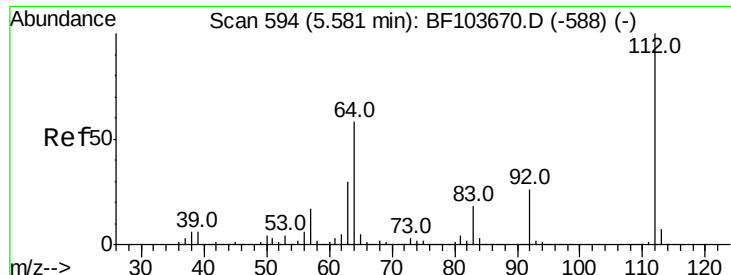


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.987 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

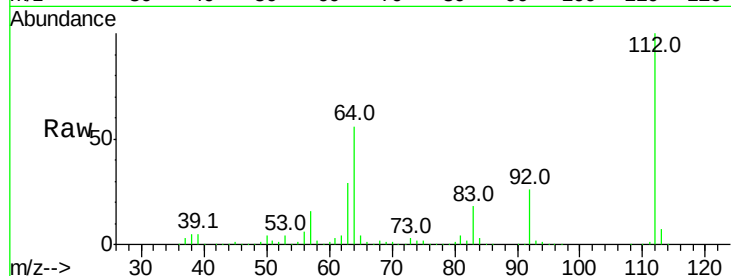
Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1295340

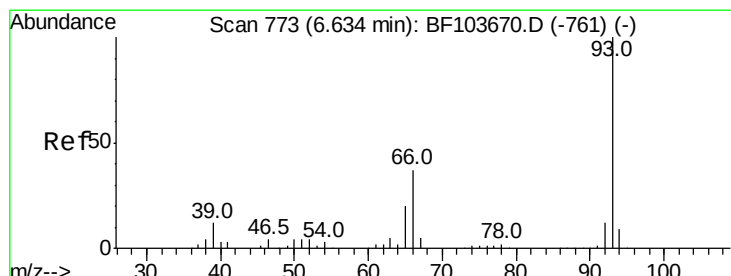
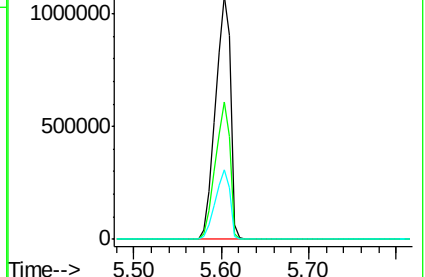
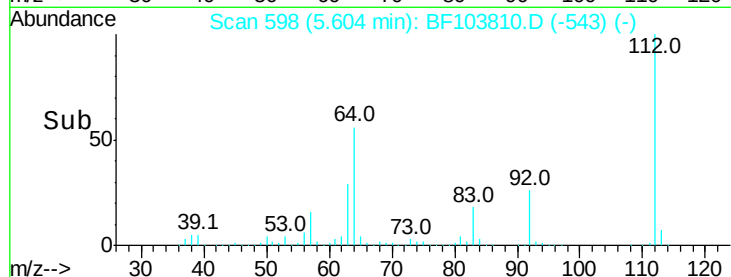
Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.198 ng

RT: 6.65 min Scan# 775

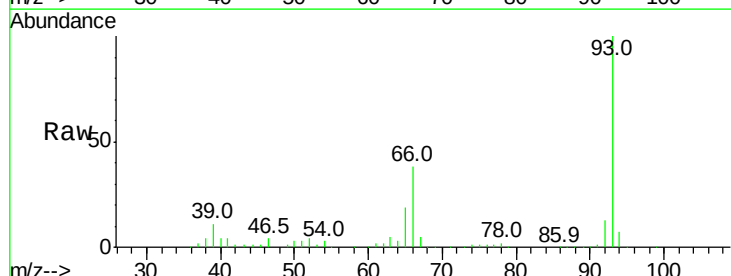
Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Tgt Ion: 93 Resp: 445234

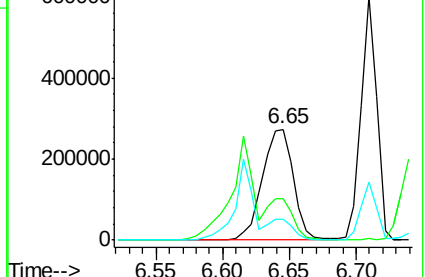
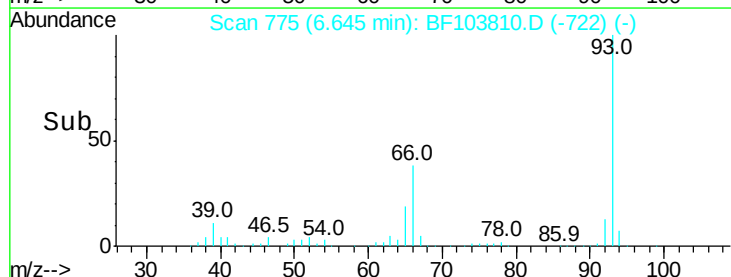
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.2	48.2
65	18.8	16.4	24.6

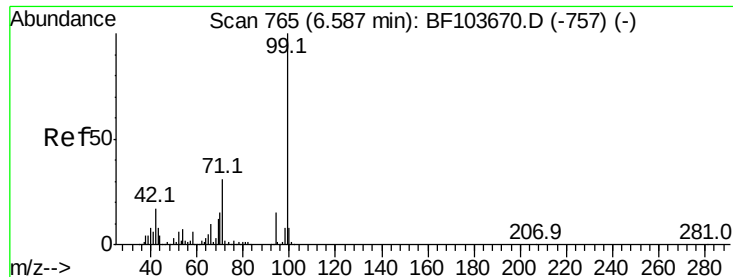


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.078 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

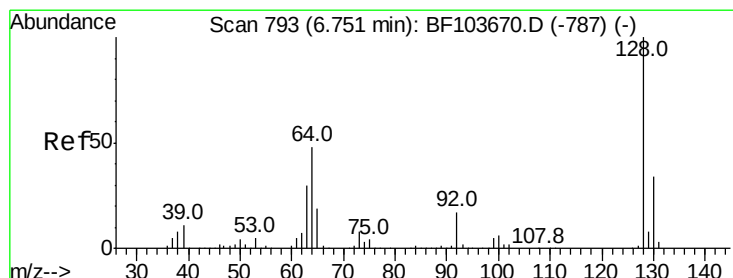
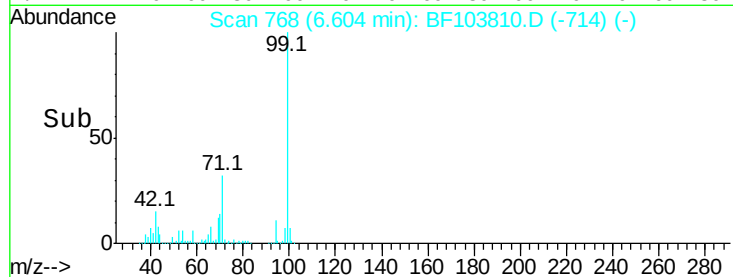
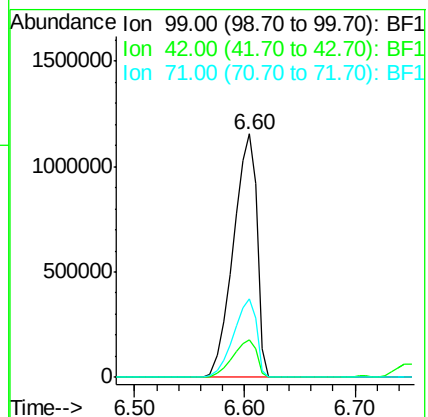
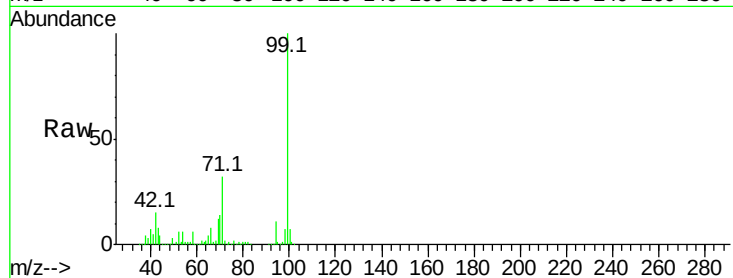
Tot Ion: 99 Resp: 1727671

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 44.855 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

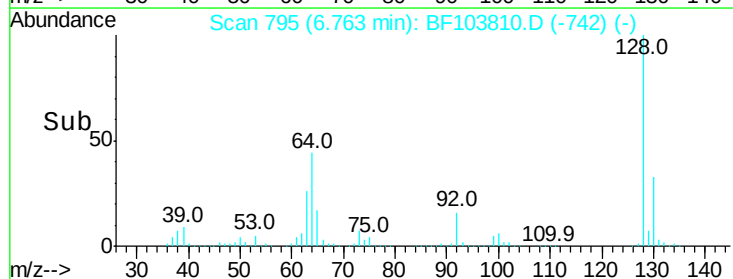
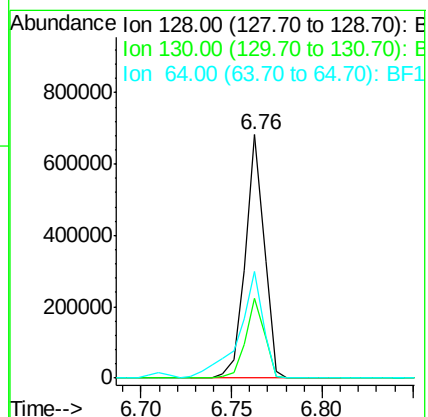
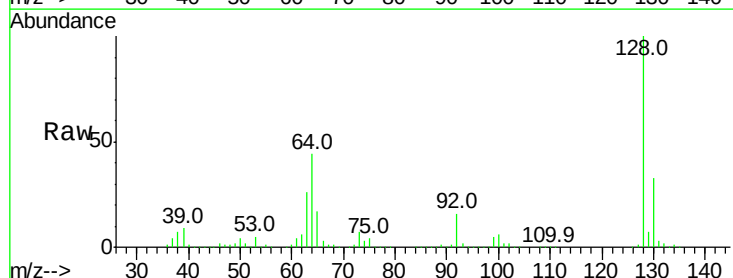
Tgt Ion: 128 Resp: 494896

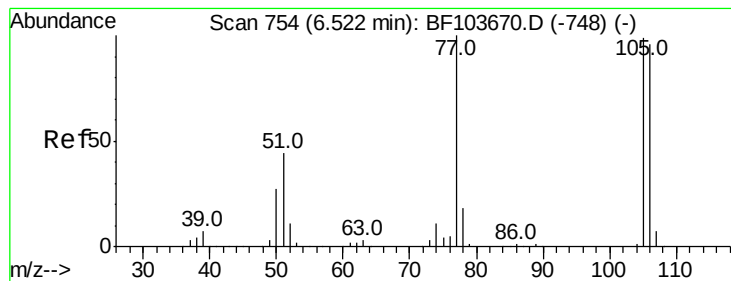
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 44.0 29.4 69.4





#9

Benzaldehyde

Concen: 18.822 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampled :

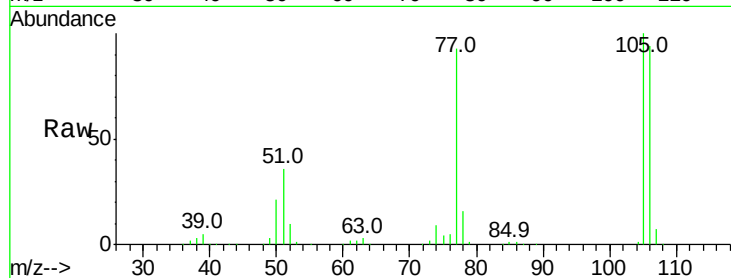
Tot Ion: 77 Resp: 159333

Ion Ratio Lower Upper

77 100

105 108.1 81.1 121.1

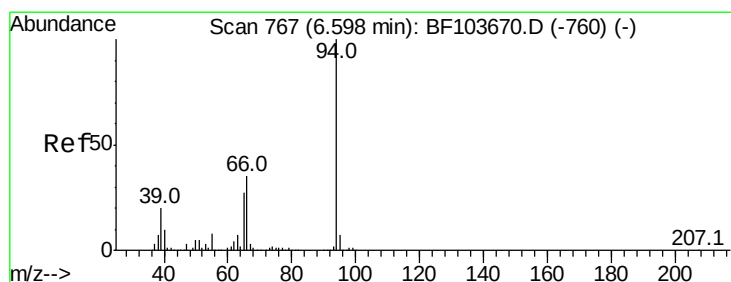
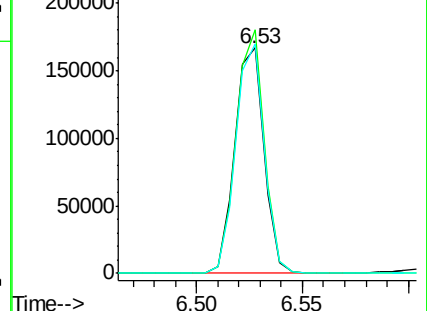
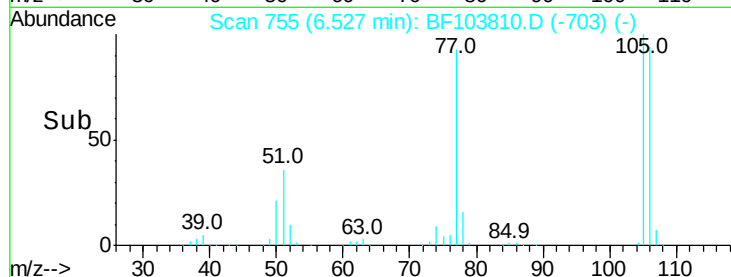
106 101.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.525 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

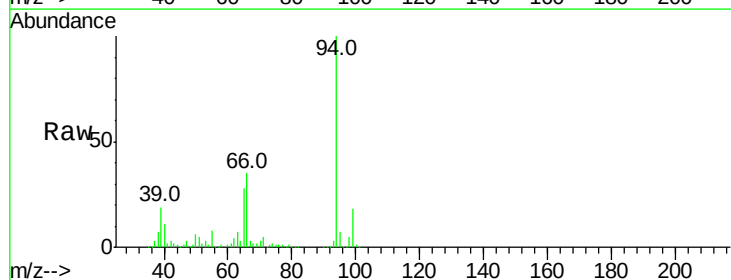
Tgt Ion: 94 Resp: 637037

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

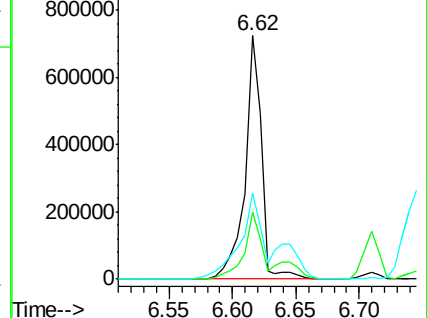
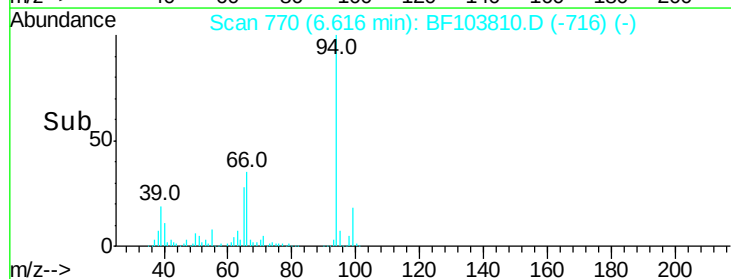
66 35.5 16.2 56.2

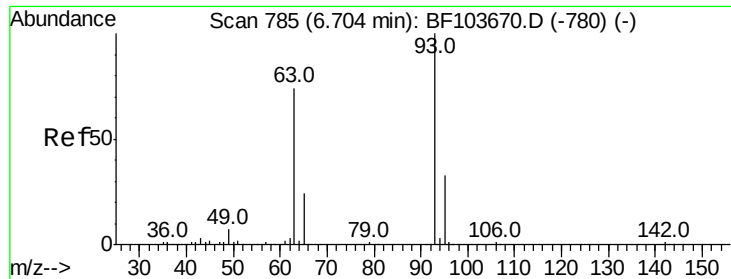


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

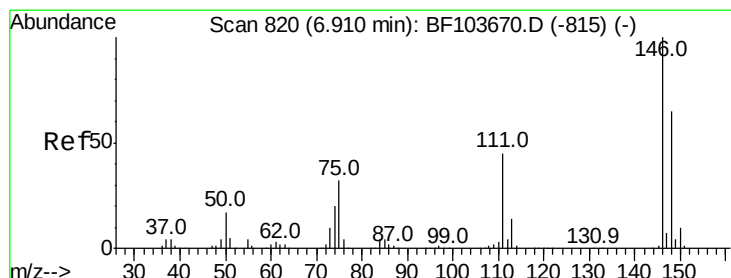
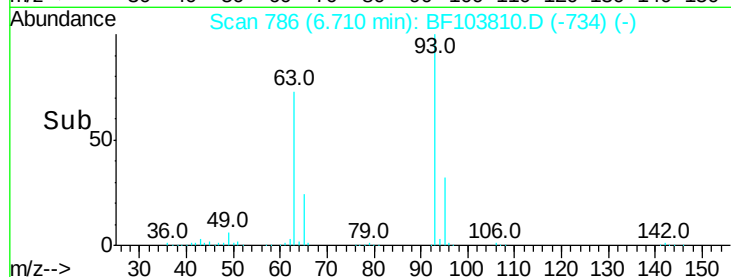
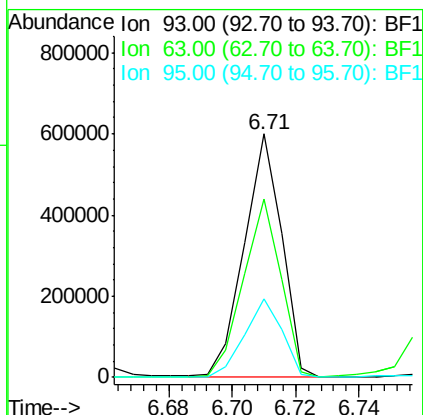
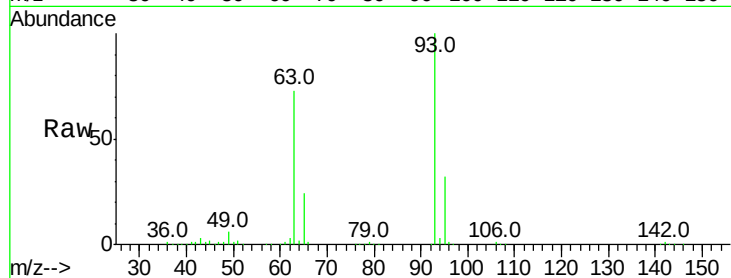




#11
bis(2-Chloroethyl)ether
Concen: 43.520 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

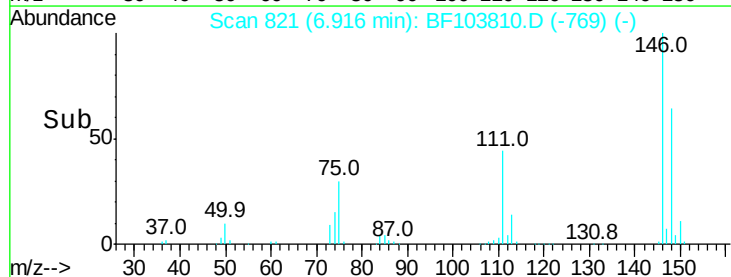
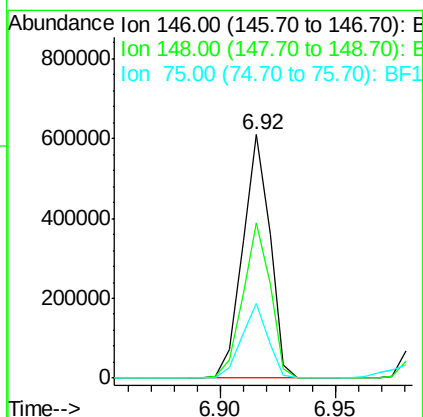
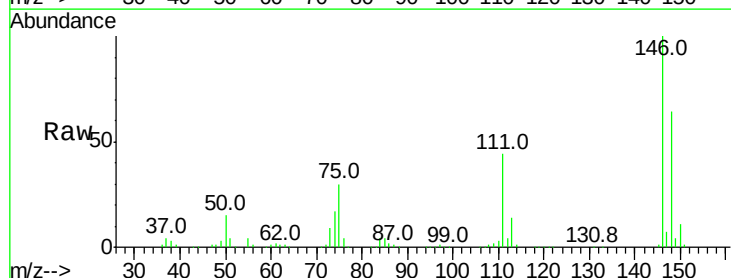
Instrument :
BNA_F
ClientSampleId :

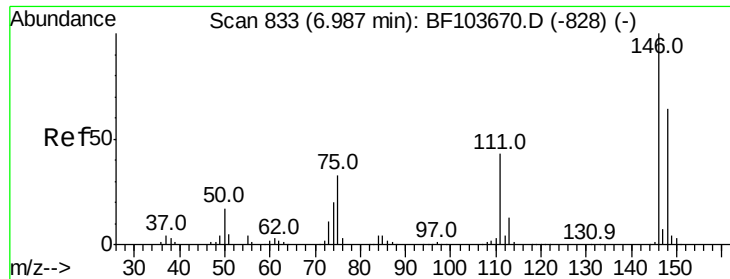
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.6	98.6
95	32.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.043 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	30.4	24.2	36.4

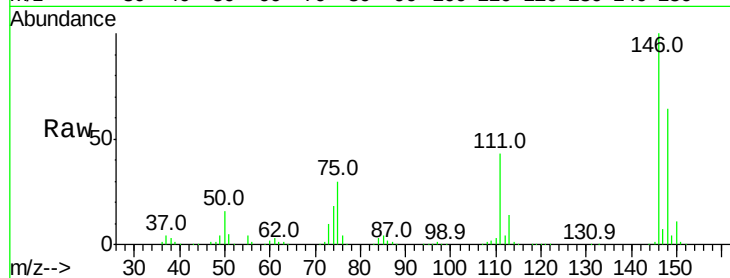




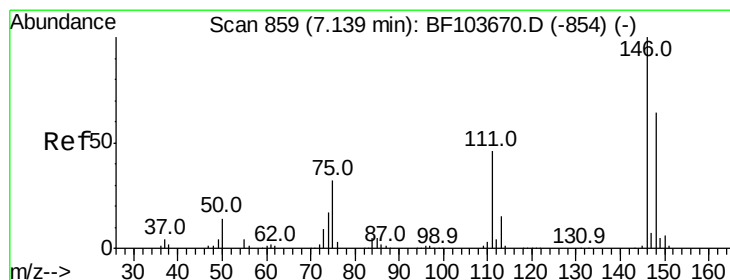
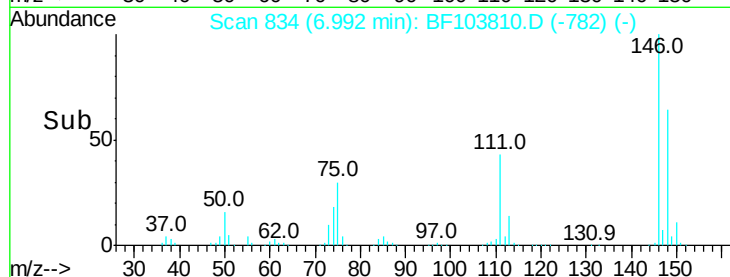
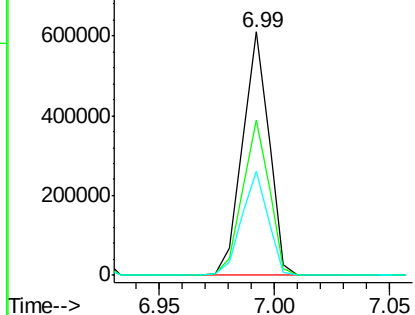
#13
 1,4-Dichlorobenzene
 Concen: 38.751 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 489322
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.9 34.2 51.2

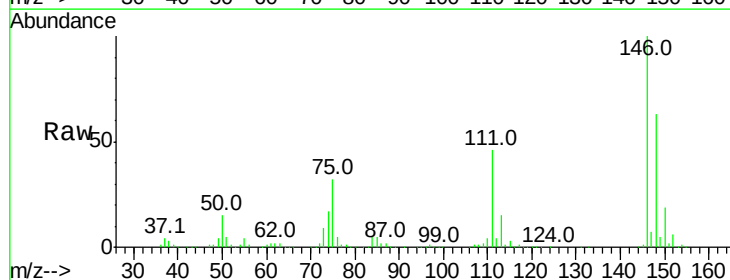


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

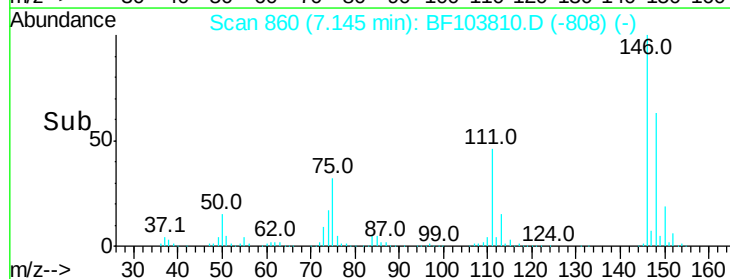
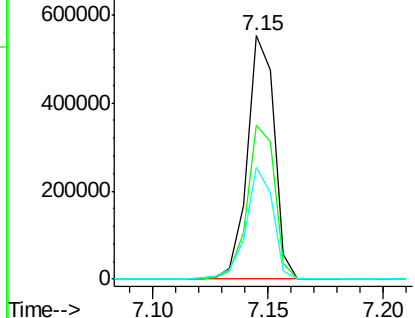


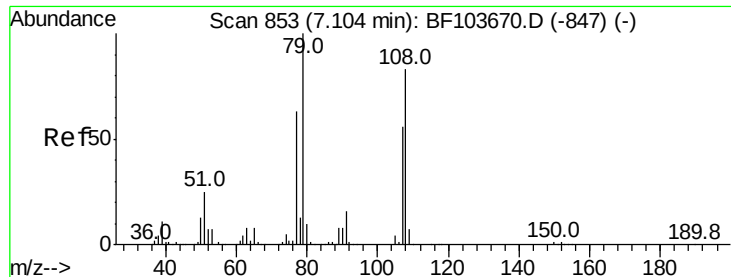
#14
 1,2-Dichlorobenzene
 Concen: 38.600 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:146 Resp: 452290
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 45.9 36.0 54.0



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: 40.267 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

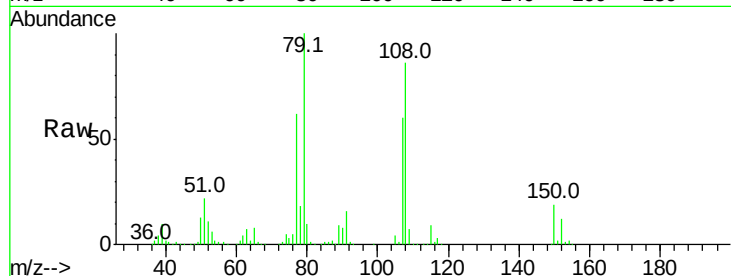
Tot Ion: 79 Resp: 402016

Ion Ratio Lower Upper

79 100

108 85.6 65.1 97.7

77 61.6 50.6 75.8



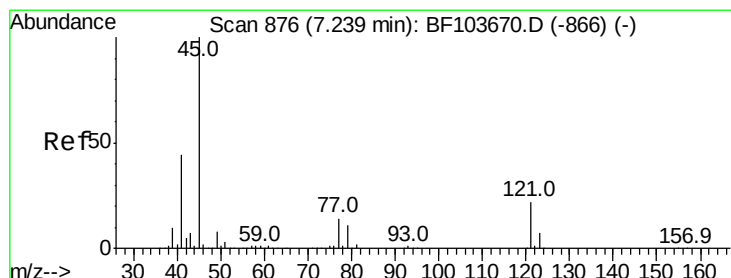
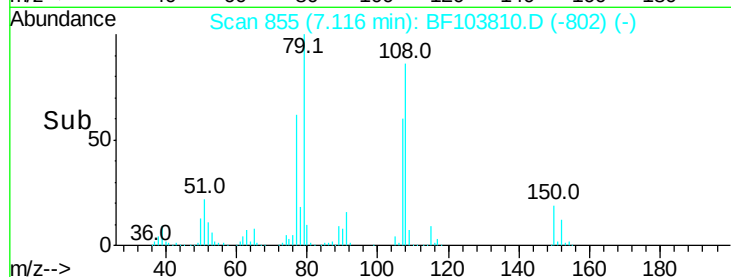
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

7.12

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.750 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

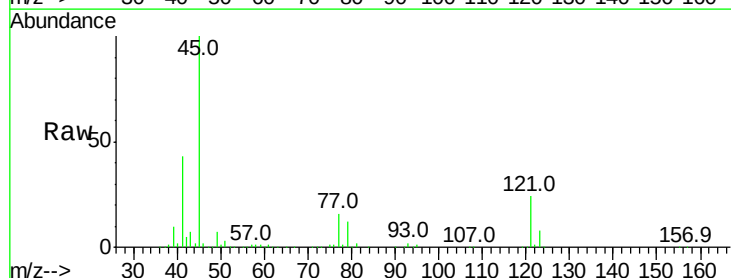
Tgt Ion: 45 Resp: 590825

Ion Ratio Lower Upper

45 100

77 15.7 0.0 32.9

79 12.0 0.0 29.6



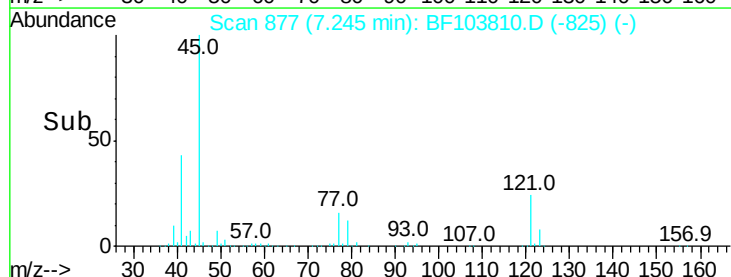
Abundance Ion 45.00 (44.70 to 45.70): BF1

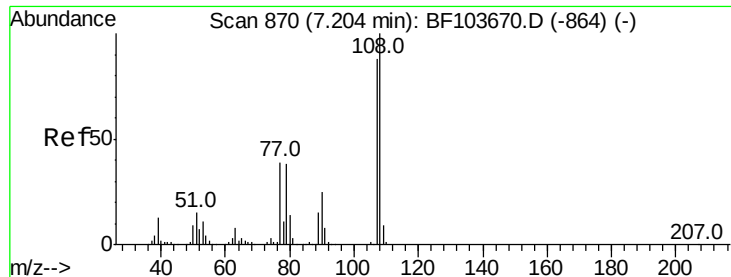
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.25

Time-->





#17

2-Methylphenol

Concen: 40.806 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 400927

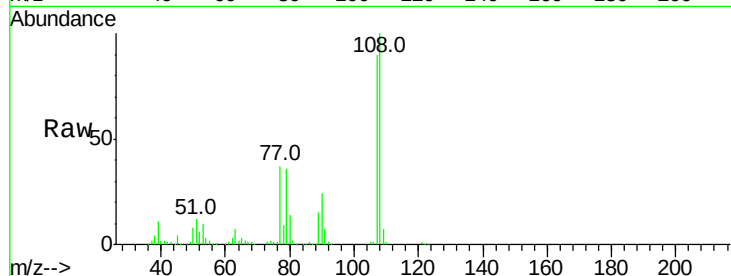
Ion Ratio Lower Upper

107 100

108 111.5 91.7 137.5

77 40.9 33.8 50.8

79 40.7 33.8 50.8

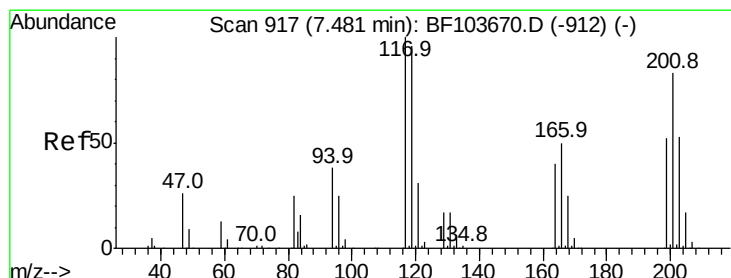
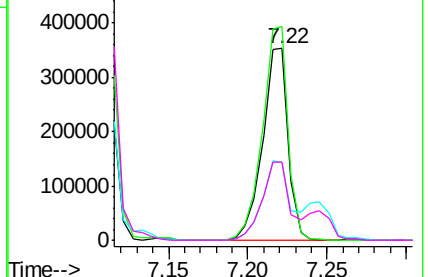
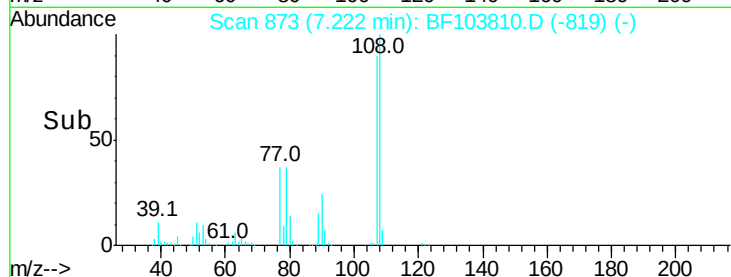


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.035 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

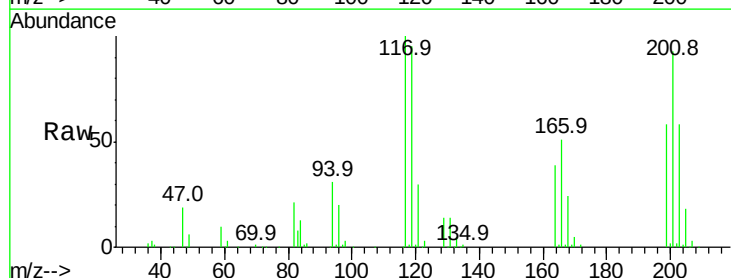
Tgt Ion:117 Resp: 164497

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

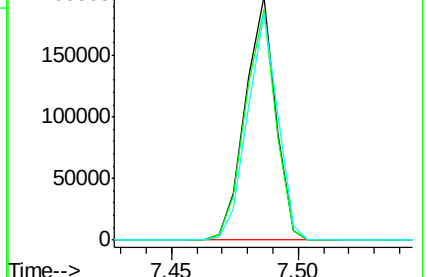
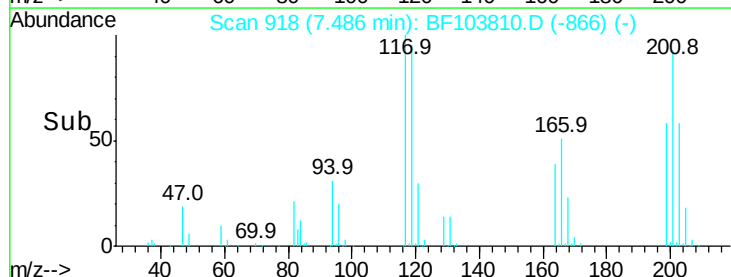
201 93.2 75.7 113.5

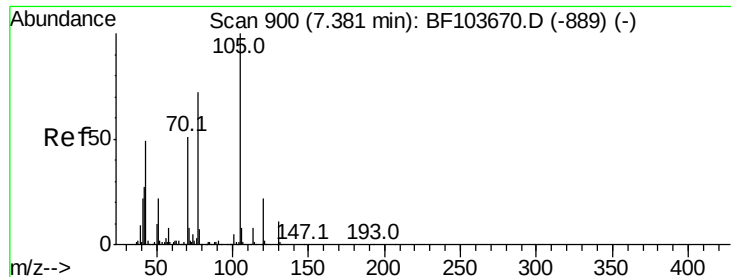


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

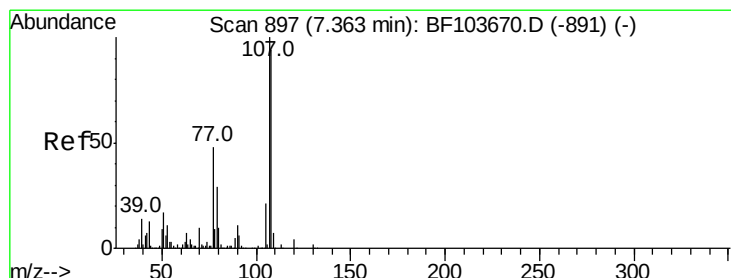
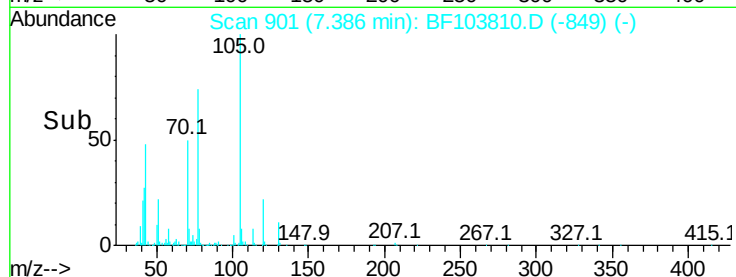
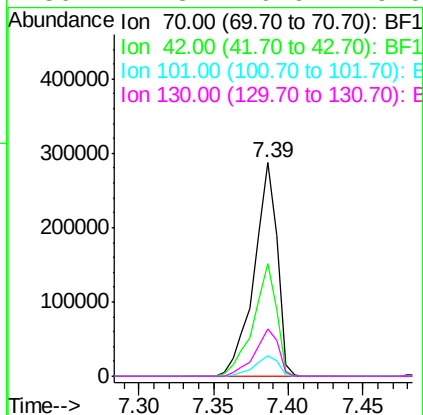
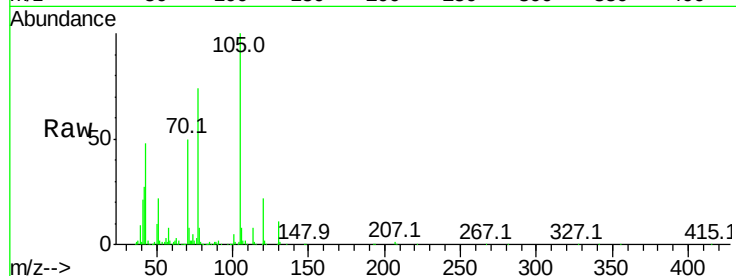




#19
n-Nitroso-di-n-propylamine
Concen: 37.161 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

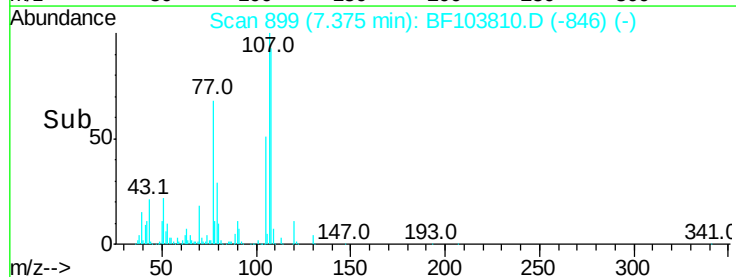
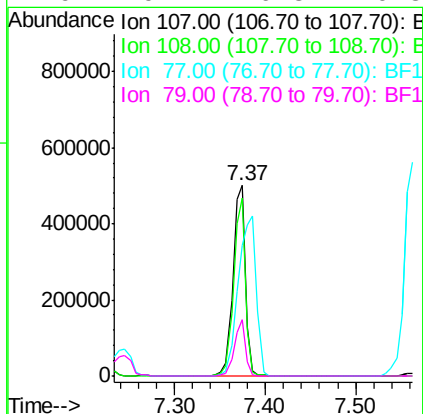
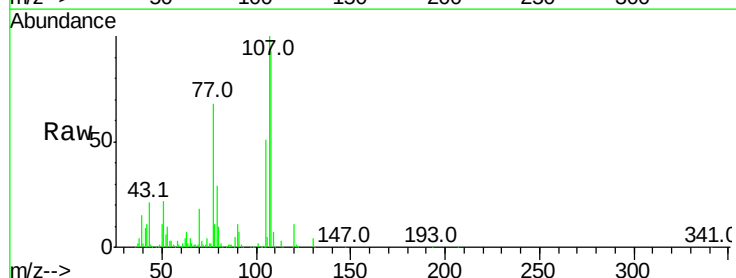
Instrument :
BNA_F
ClientSampleId :

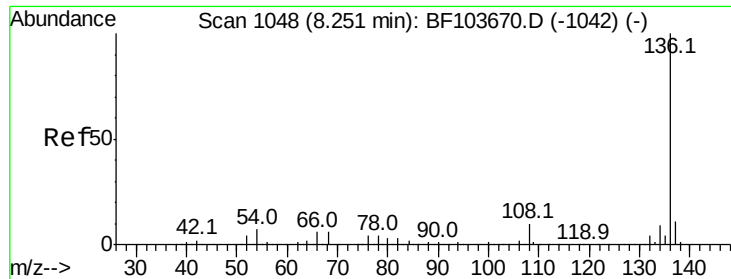
Tot Ion: 70 Resp: 306874
Ion Ratio Lower Upper
70 100
42 52.8 47.5 71.3
101 9.8 7.4 11.2
130 22.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.690 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion: 107 Resp: 482428
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 68.4 26.7 66.7#
79 29.4 6.3 46.3

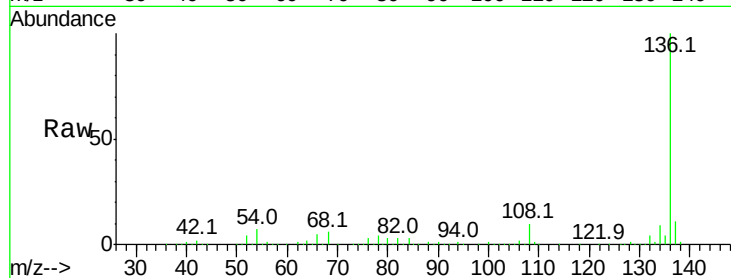




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 641509
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.0	6.6 9.8
68 6.4	5.0 7.4

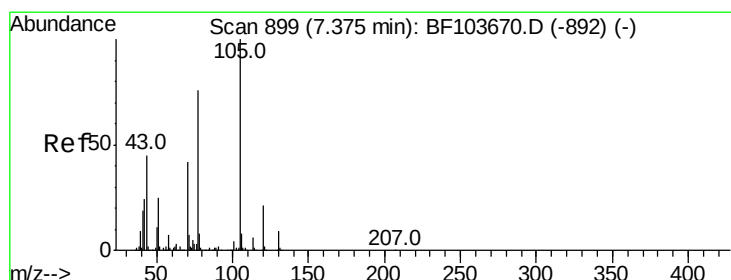
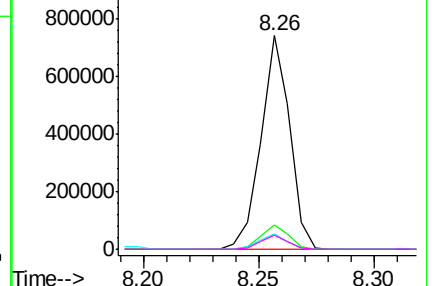
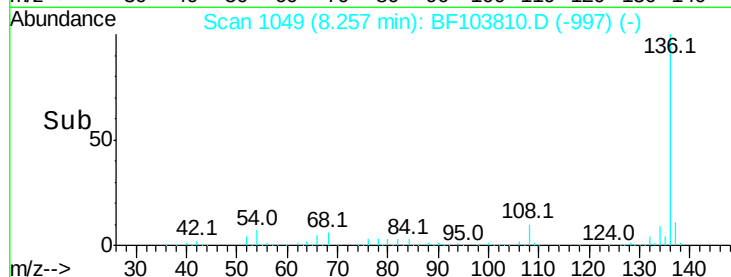


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

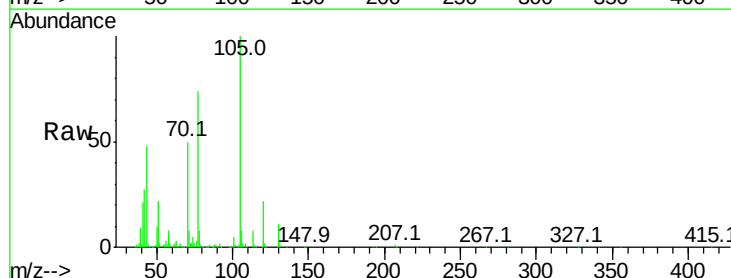
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.067 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt	Ion:105	Resp:	611121
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	21.9	22.3	33.5#
120	22.0	16.9	25.3

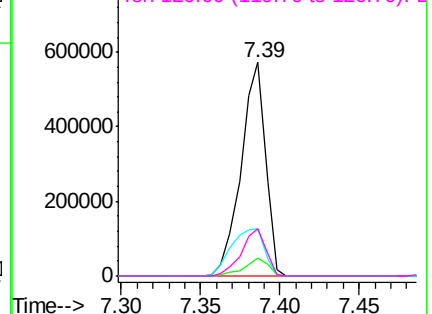
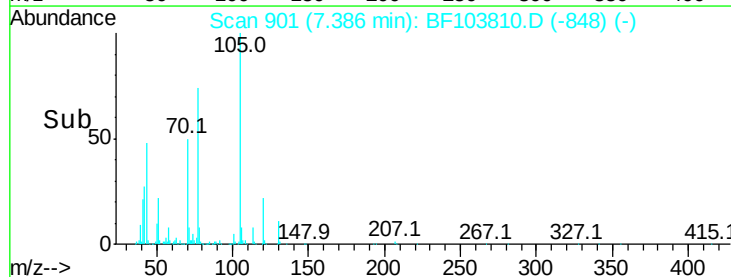


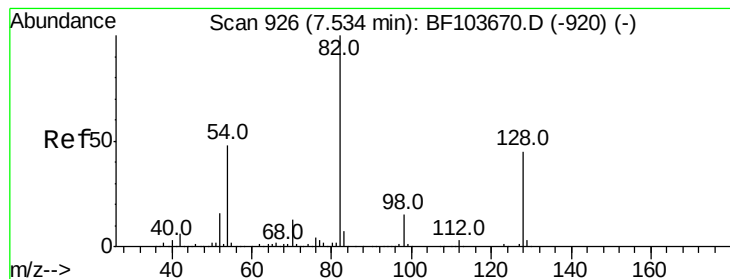
Abundance Ion 105.00 (104.70 to 105.70): E

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: 108.242 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

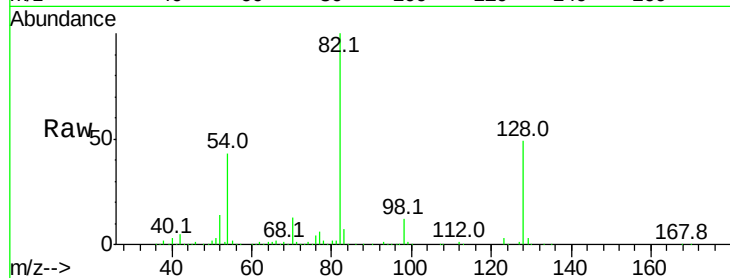
Tot Ion: 82 Resp: 995728

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

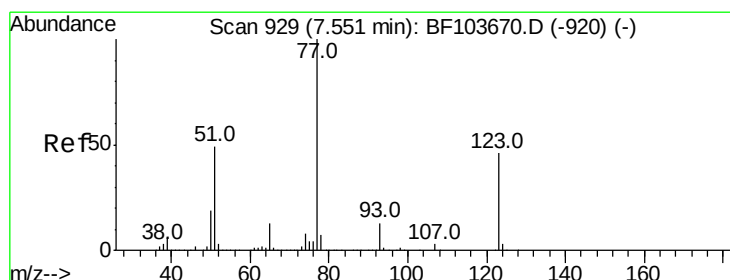
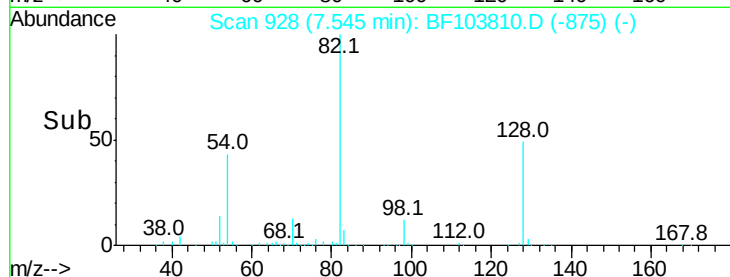
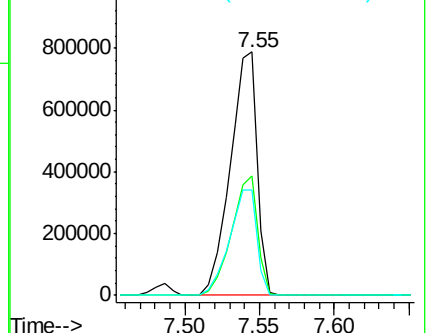
54 43.1 41.4 62.2



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: 44.227 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

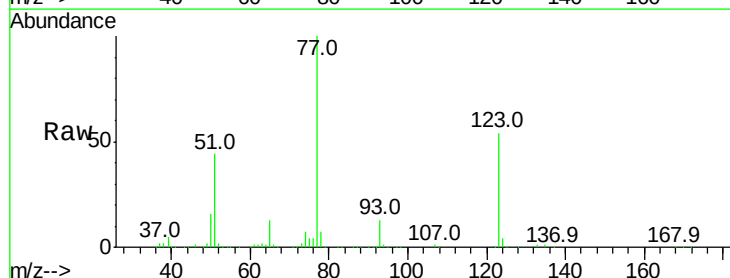
Tgt Ion: 77 Resp: 477649

Ion Ratio Lower Upper

77 100

123 54.1 37.9 56.9

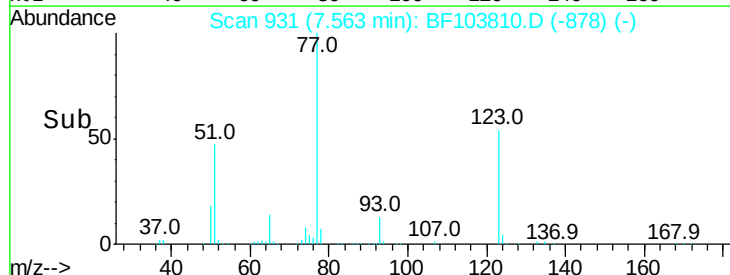
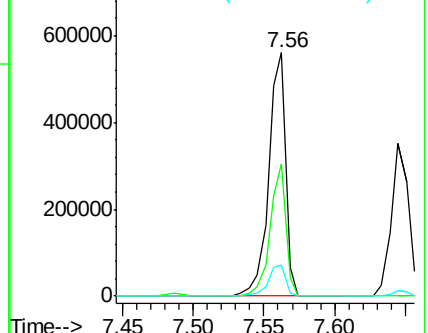
65 12.9 11.0 16.4

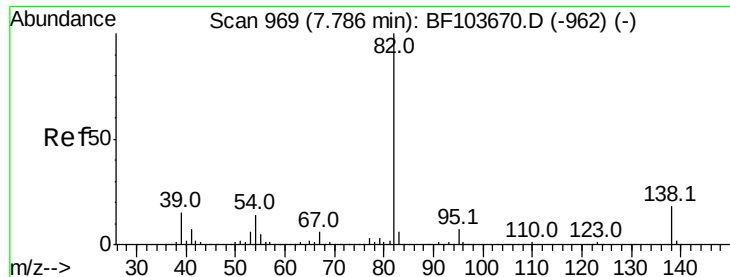


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.950 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

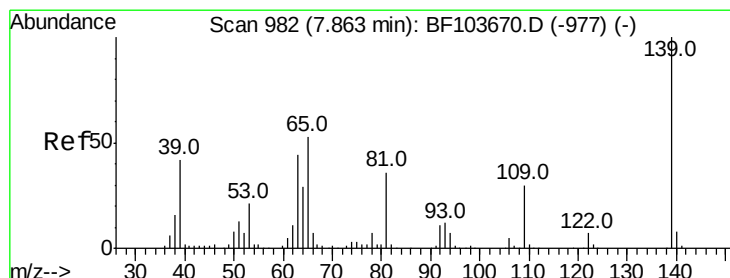
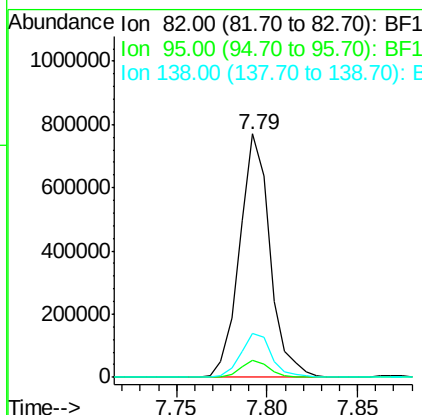
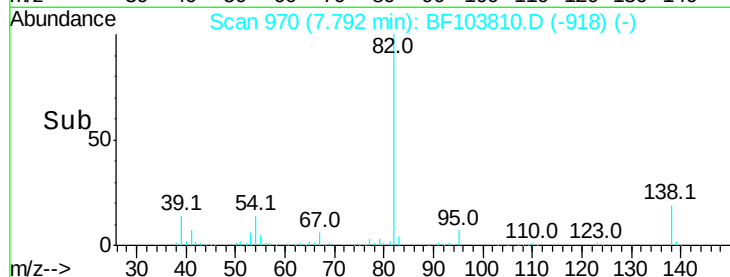
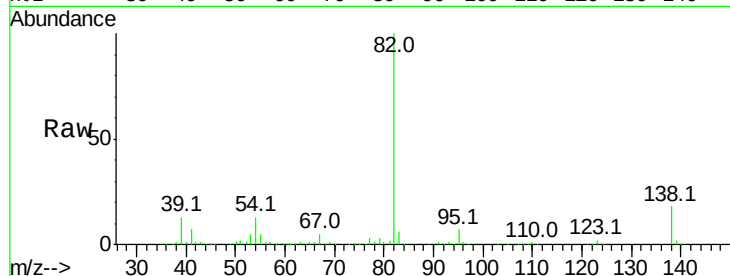
Tot Ion: 82 Resp: 893337

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 58.921 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

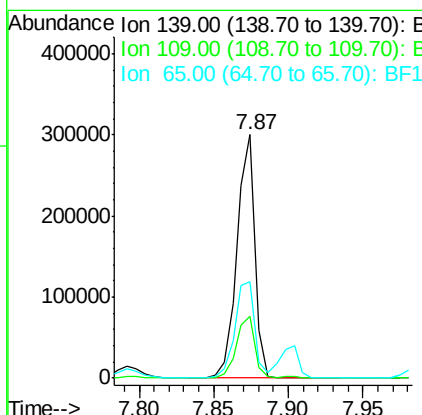
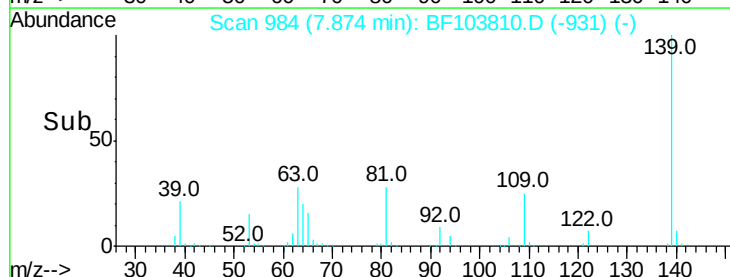
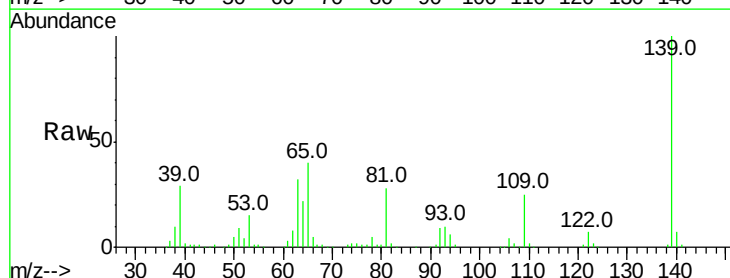
Tgt Ion:139 Resp: 253100

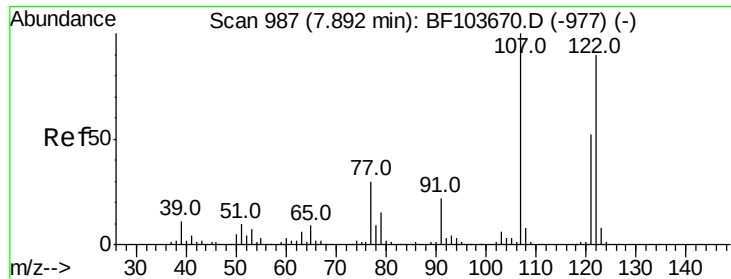
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 39.6 40.5 60.7#

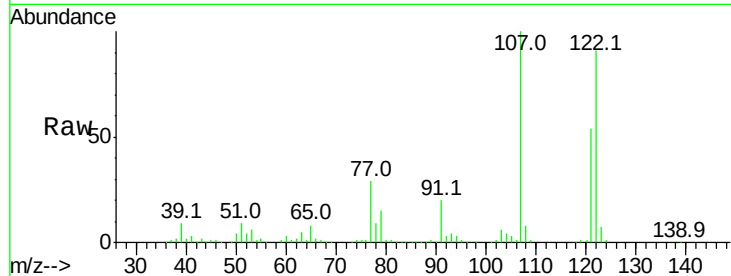




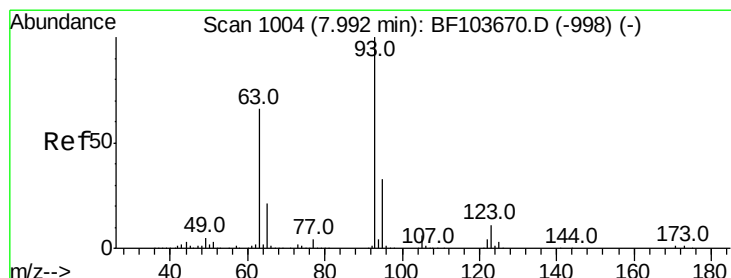
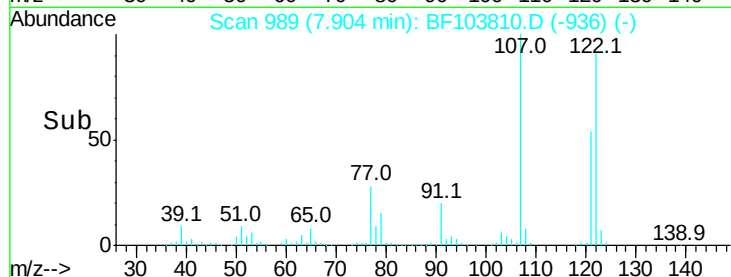
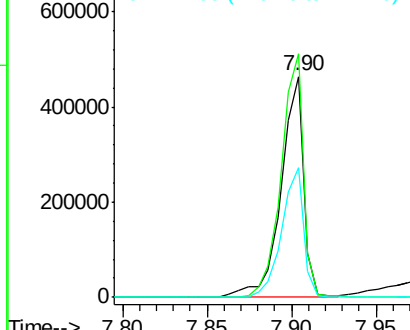
#27
2,4-Dimethylphenol
Concen: 47.566 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 433945
Ion Ratio Lower Upper
122 100
107 110.3 91.2 136.8
121 59.0 47.2 70.8

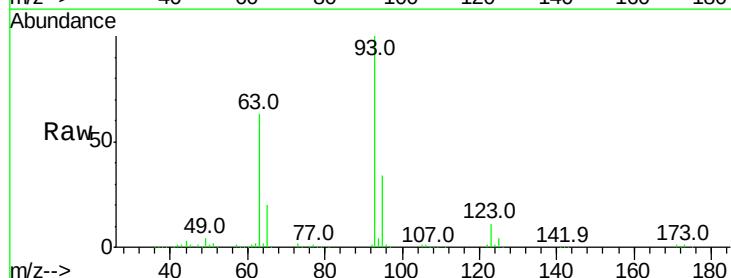


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

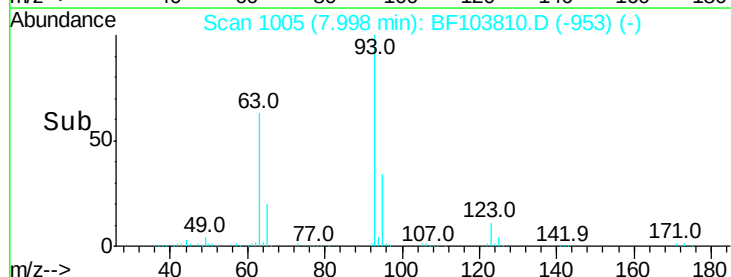
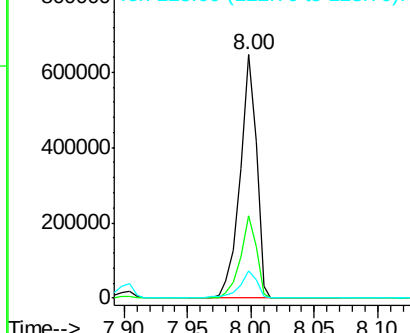


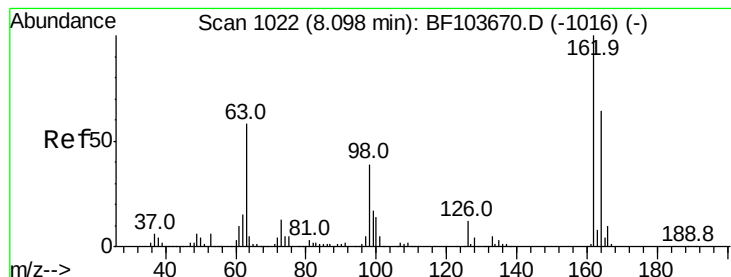
#28
bis(2-Chloroethoxy)methane
Concen: 44.528 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion: 93 Resp: 574195
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 11.2 9.8 14.6



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: 46.477 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampled :

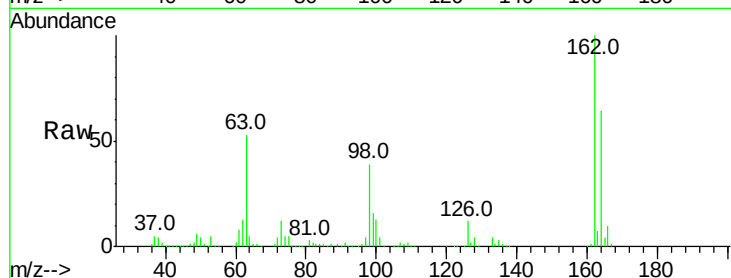
Tot Ion:162 Resp: 385759

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

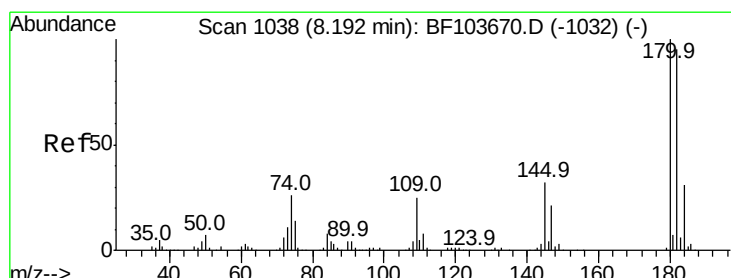
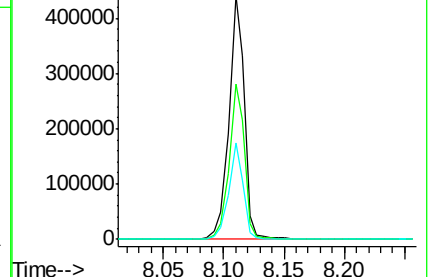
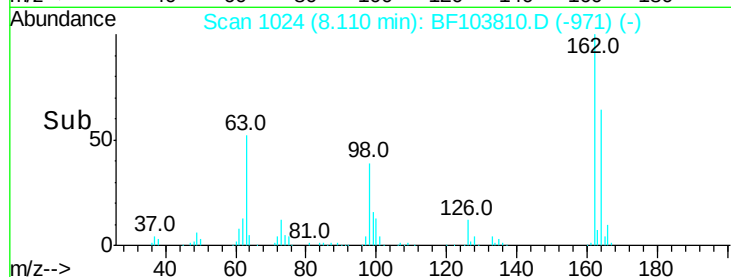
98 39.4 18.1 58.1



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: 40.662 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

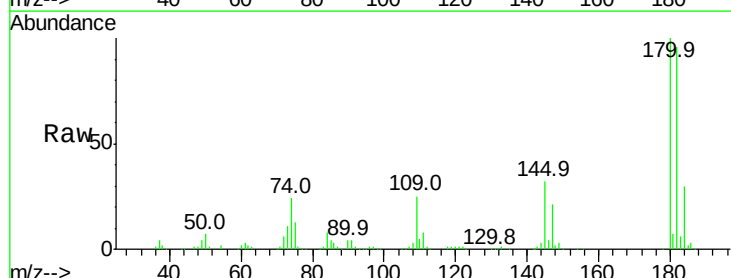
Tgt Ion:180 Resp: 391437

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

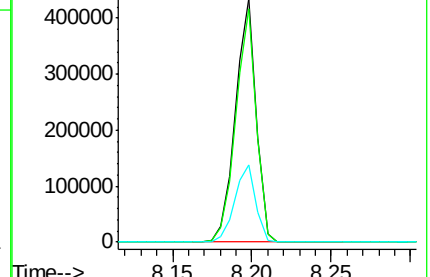
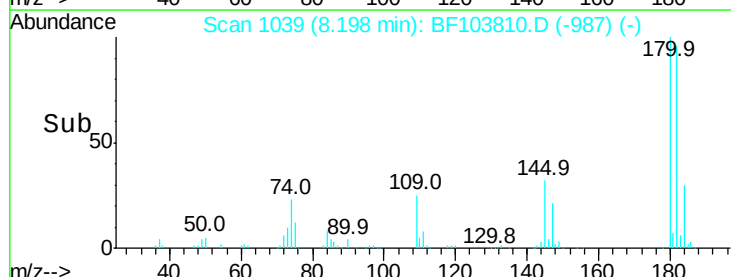
145 32.0 26.5 39.7

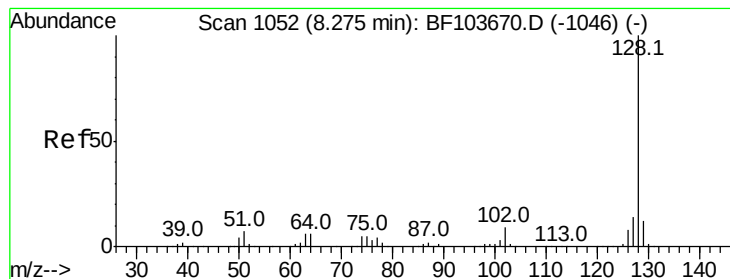


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.980 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

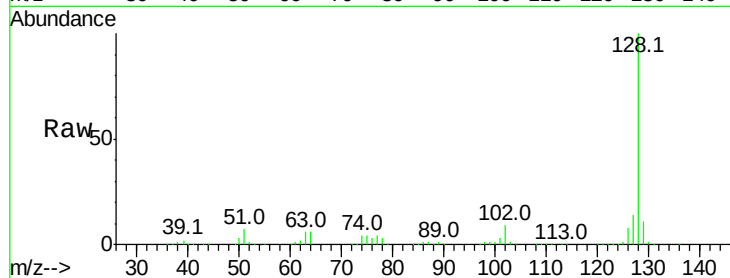
Tot Ion:128 Resp: 1295577

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

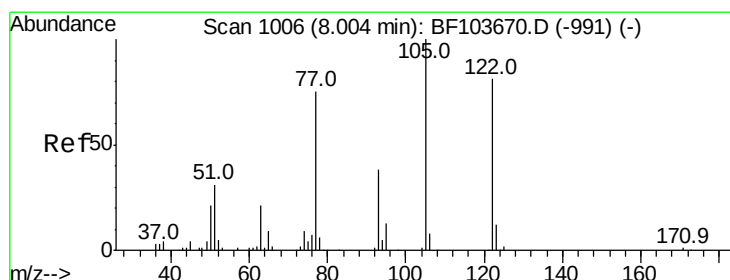
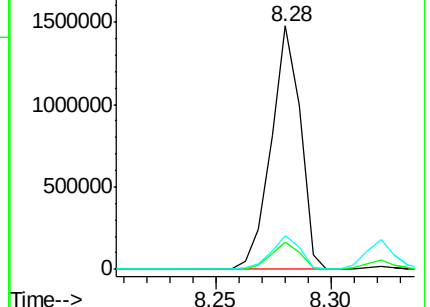
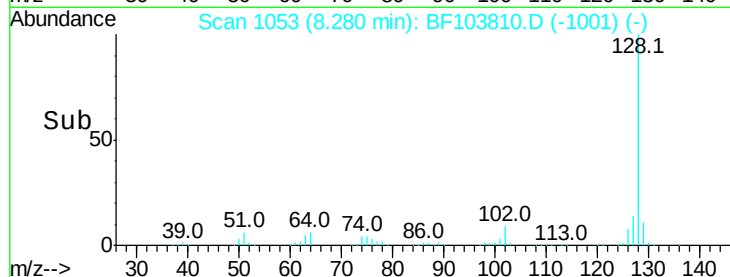
127 13.6 10.9 16.3



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: 18.638 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

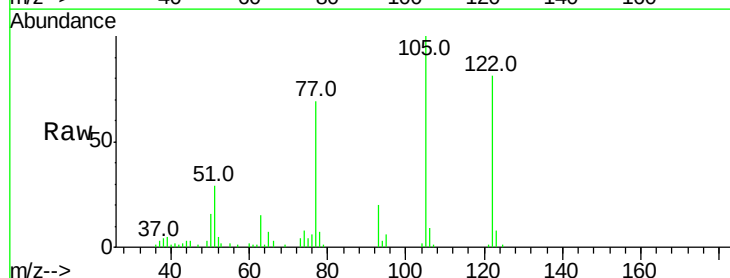
Tgt Ion:122 Resp: 70830

Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

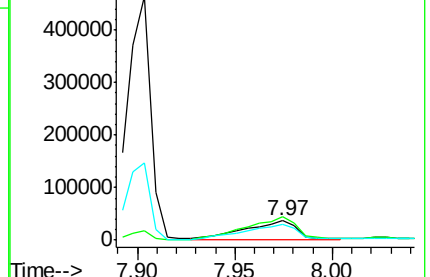
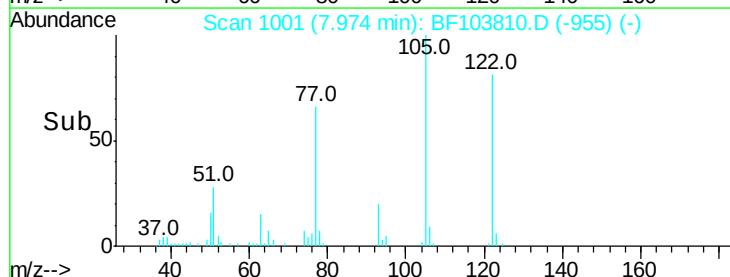
77 85.5 70.7 110.7

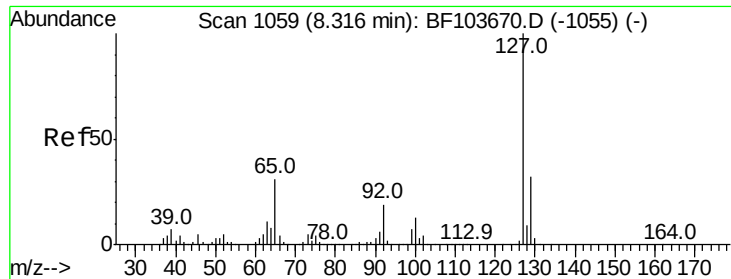


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

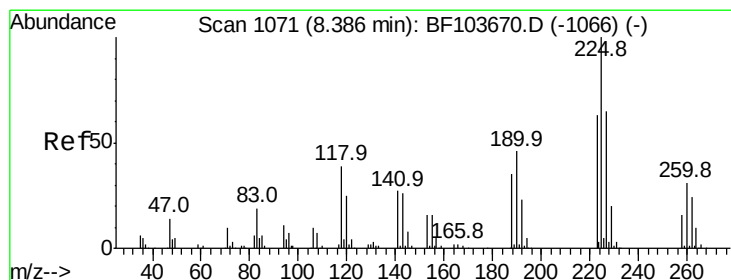
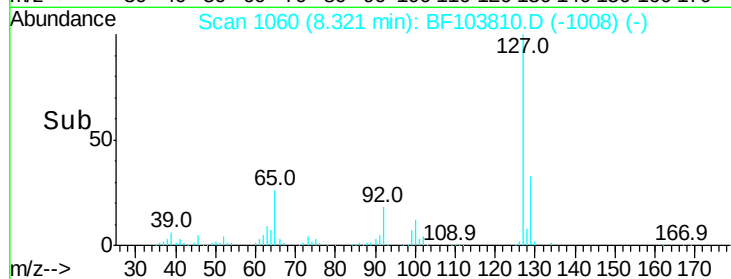
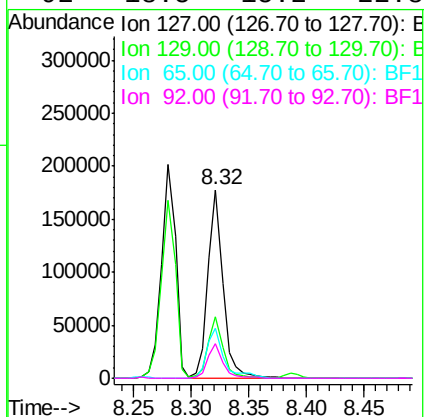
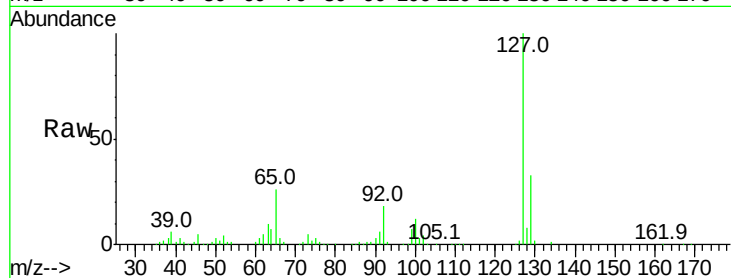




#33
4-Chloroaniline
Concen: 12.153 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

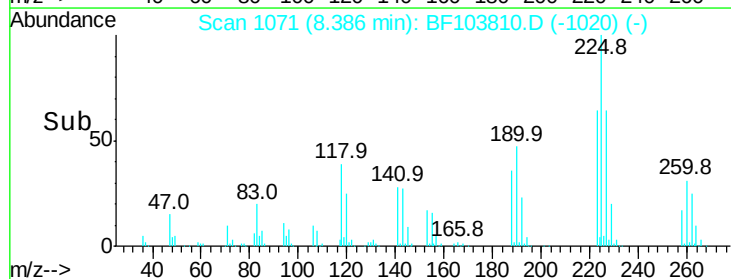
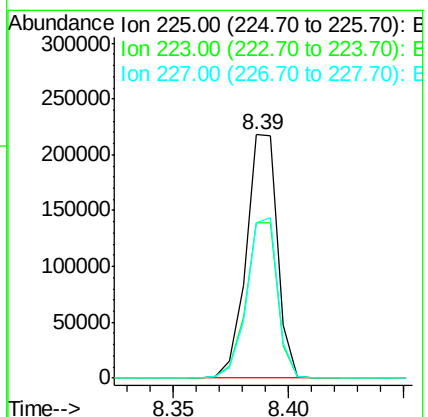
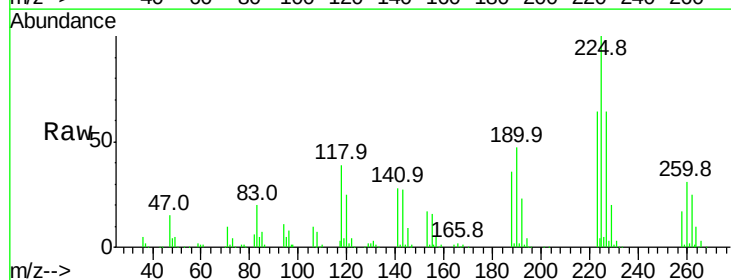
Instrument :
BNA_F
ClientSampleId :

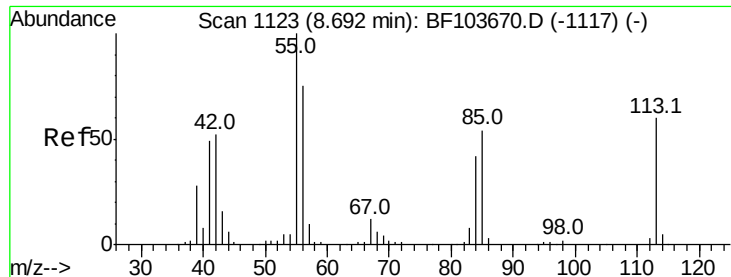
Tot Ion:	127	Resp:	165226
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	26.3	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.164 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion:	225	Resp:	206709
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.9	51.9	77.9

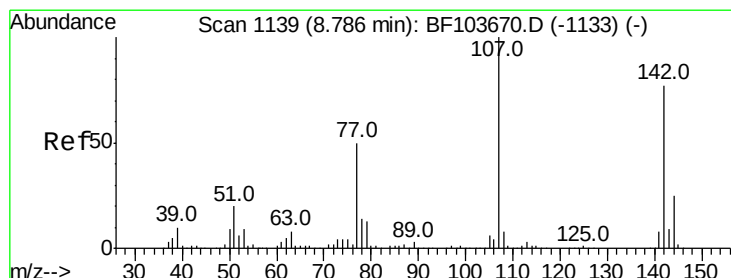
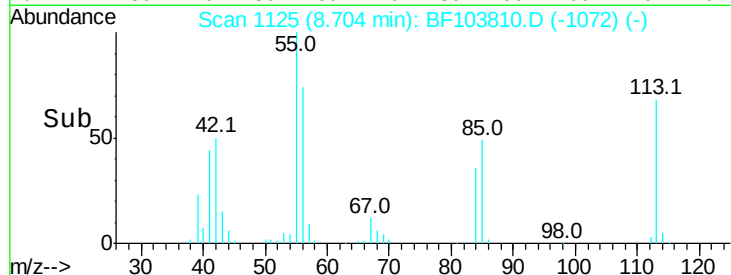
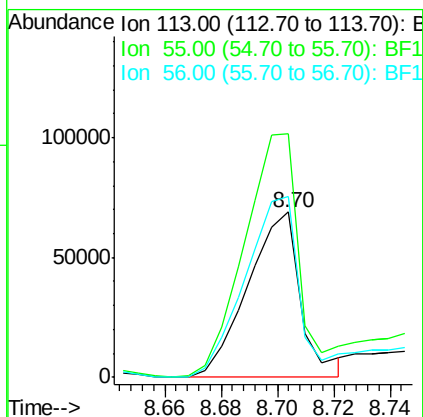
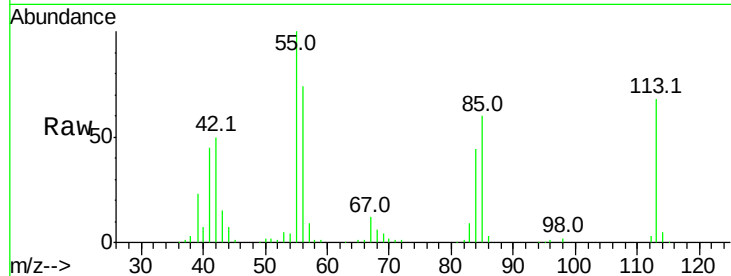




#35
 Caprolactam
 Concen: 31.397 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

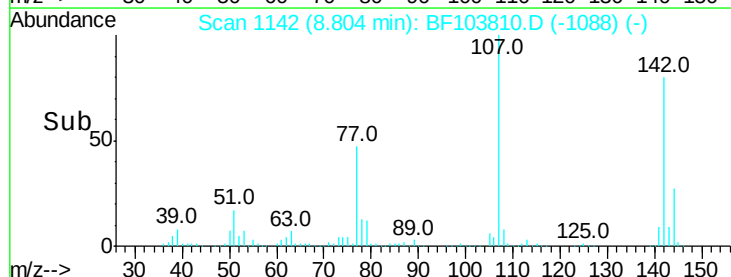
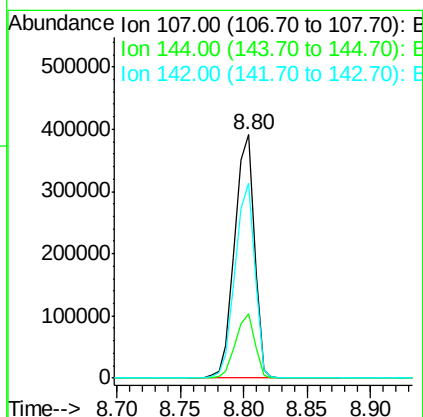
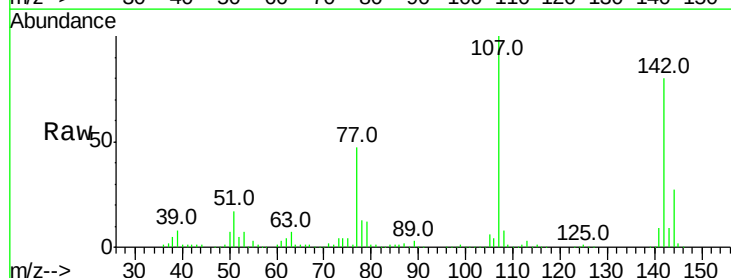
Instrument :
 BNA_F
 ClientSampleId :

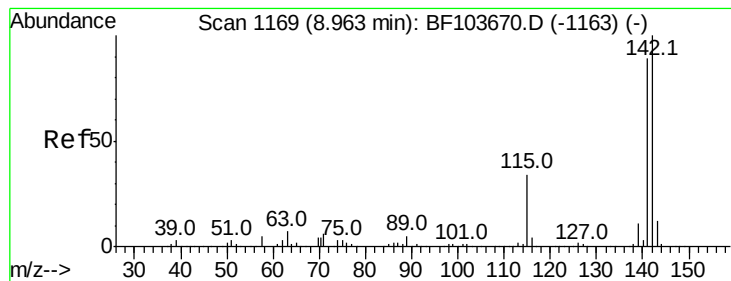
Tot Ion:113 Resp: 89732
 Ion Ratio Lower Upper
 113 100
 55 147.5 163.3 203.3#
 56 109.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 45.965 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.02 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:107 Resp: 420577
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 80.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.722 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

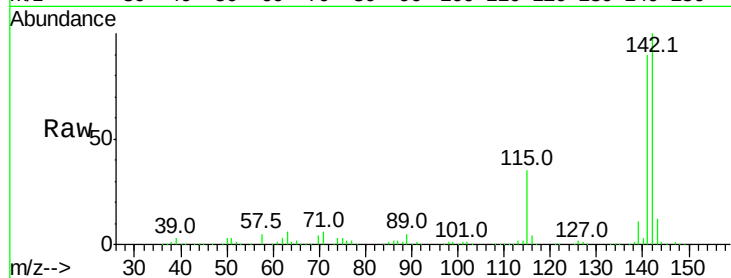
Tot Ion:142 Resp: 877941

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

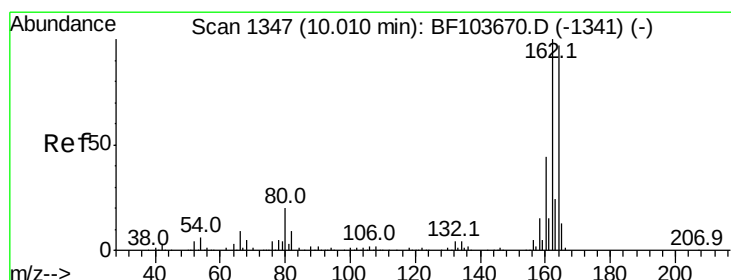
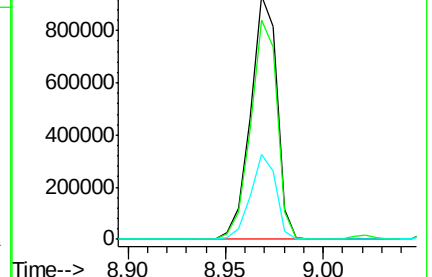
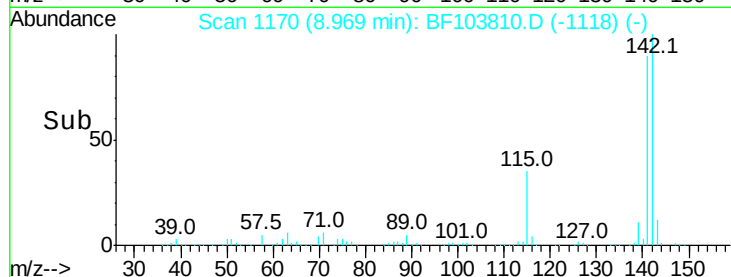
115 34.6 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

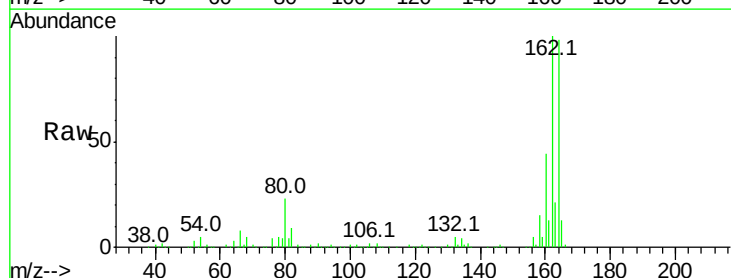
Tgt Ion:164 Resp: 288245

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

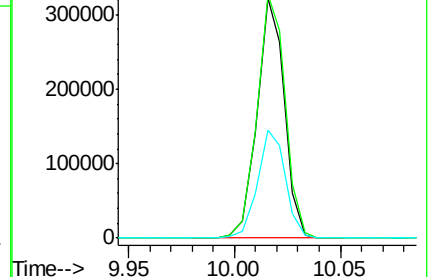
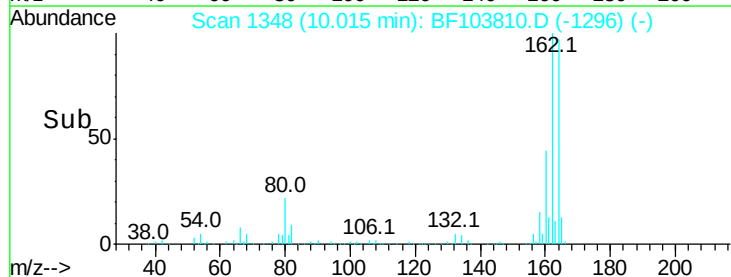
160 44.9 38.3 57.5

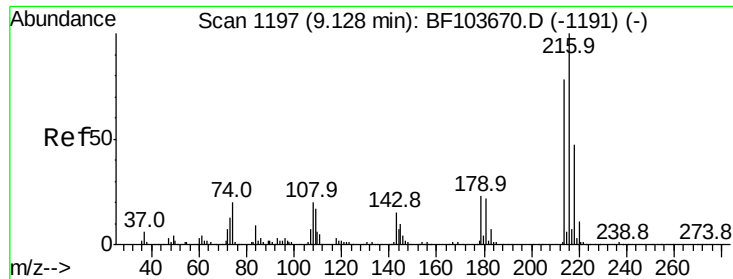


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

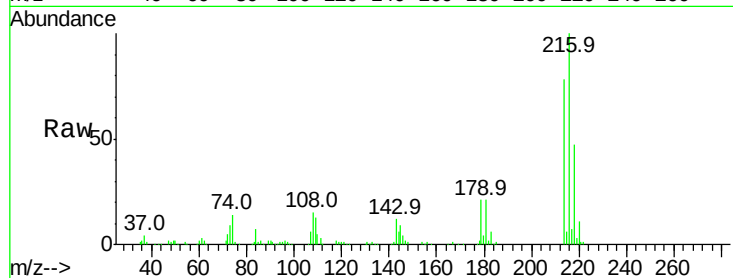




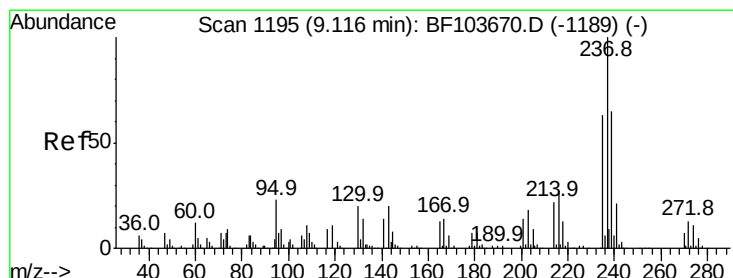
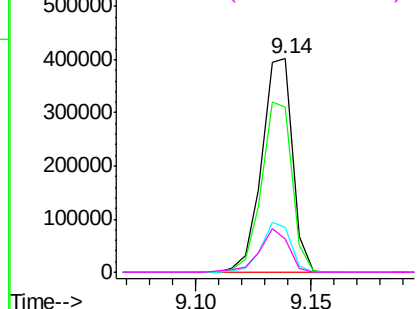
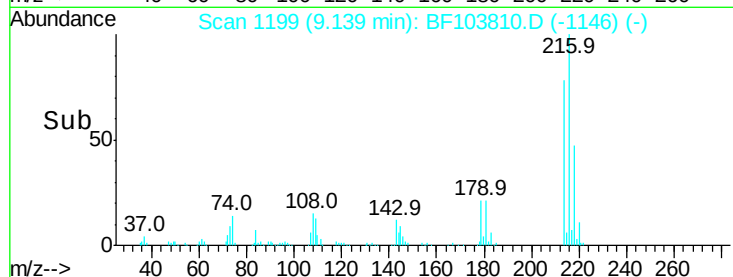
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.514 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	374278
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.2	18.1	27.1
108	19.6	17.2	25.8

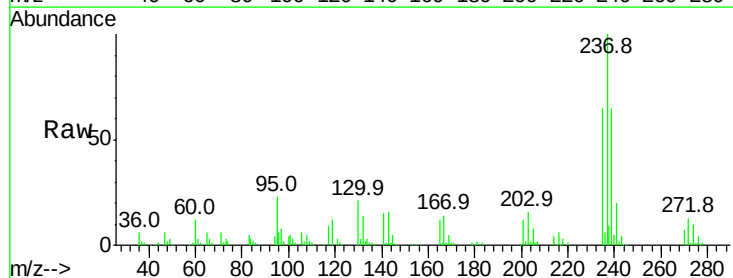


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

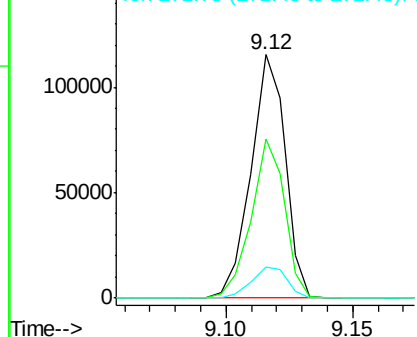
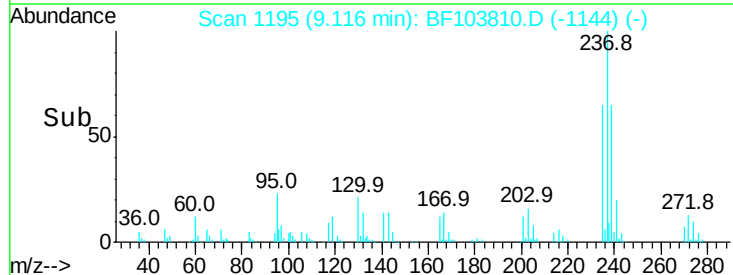


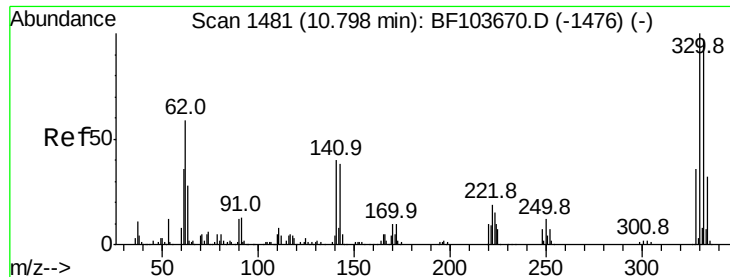
#40
 Hexachlorocyclopentadiene
 Concen: 25.721 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:	237	Resp:	109142
Ion	Ratio	Lower	Upper
237	100		
235	65.3	44.8	84.8
272	13.0	0.0	33.3



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

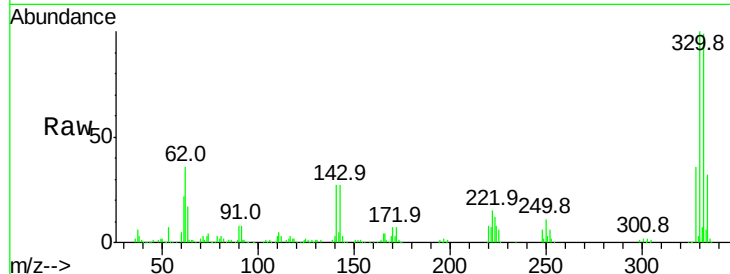




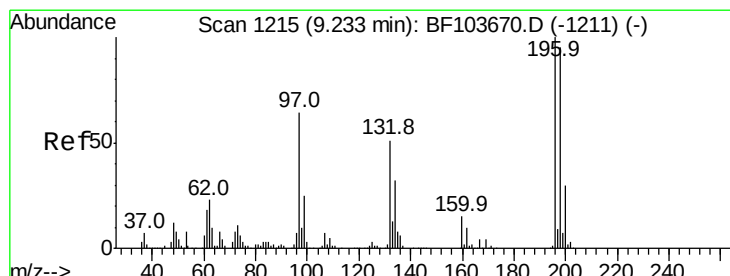
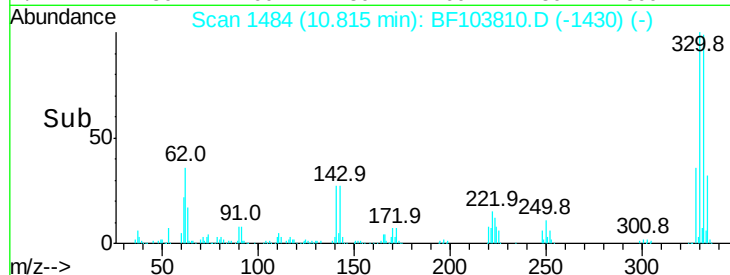
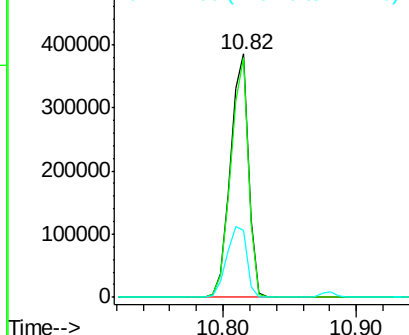
#41
 2,4,6-Tribromophenol
 Concen: 150.128 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.02 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.1	29.9	44.9

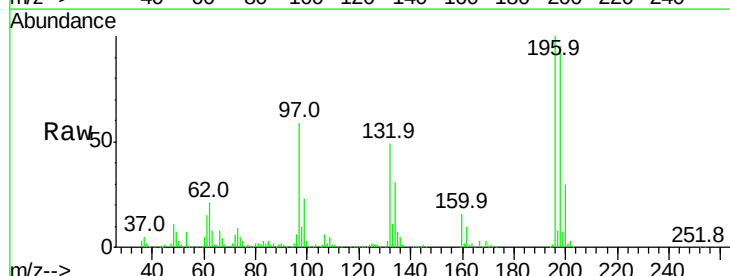


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

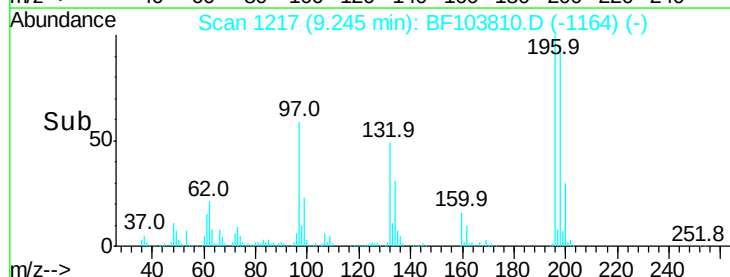
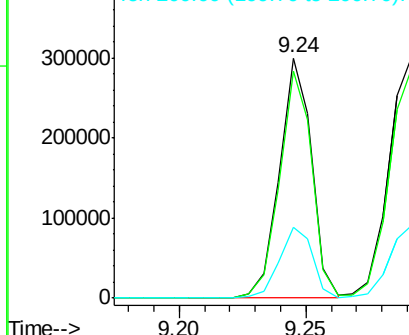


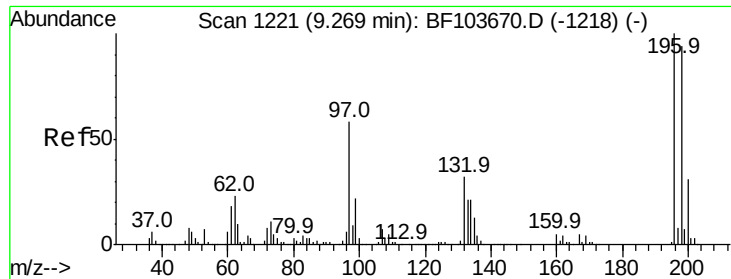
#42
 2,4,6-Trichlorophenol
 Concen: 50.620 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
200	29.8	24.5	36.7



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

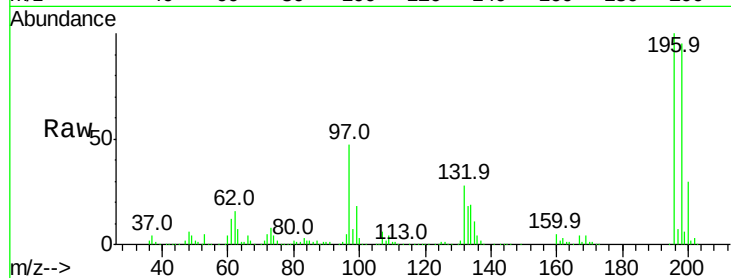




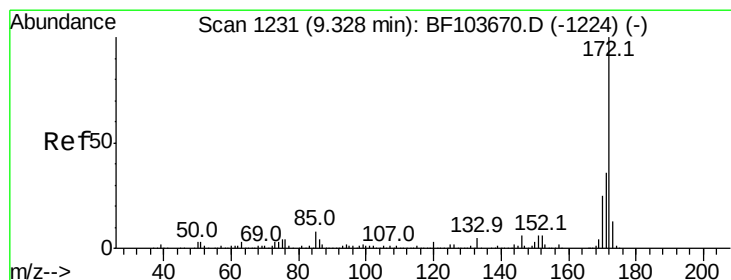
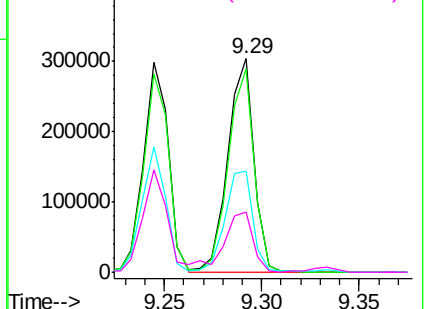
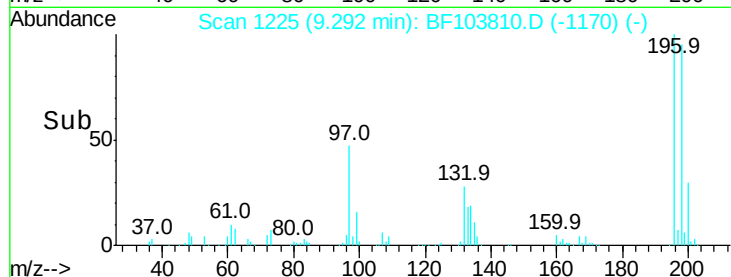
#43
 2,4,5-Trichlorophenol
 Concen: 47.261 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.02 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 280577
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 47.5 42.9 64.3
 132 28.3 26.3 39.5

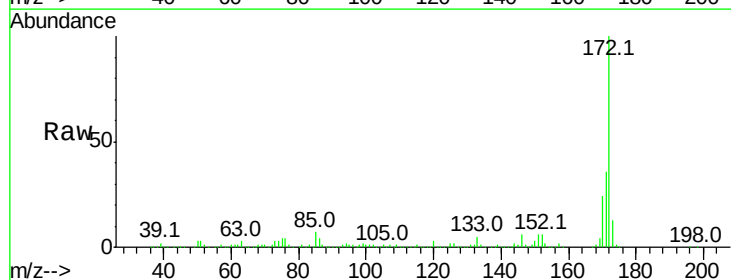


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

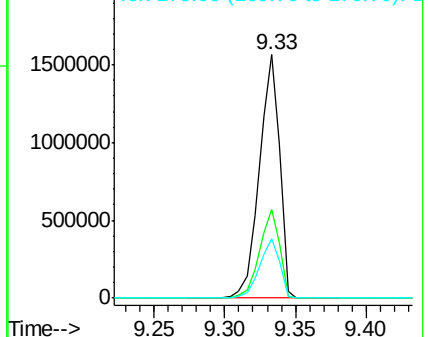
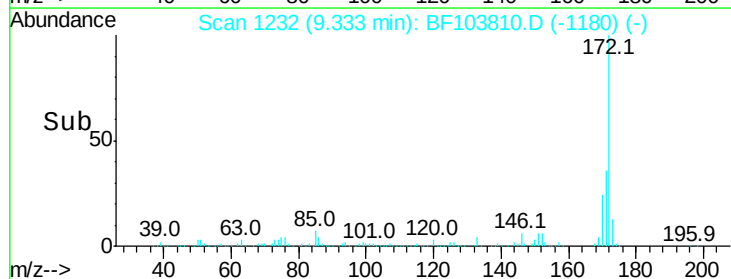


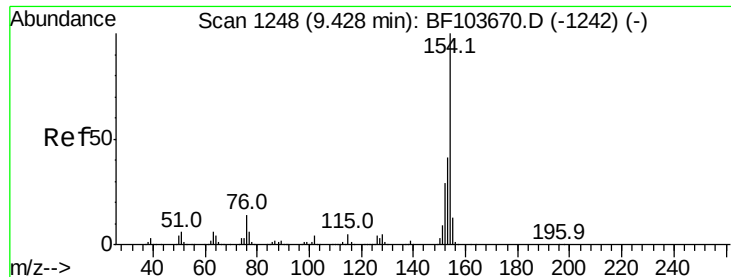
#44
 2-Fluorobiphenyl
 Concen: 87.839 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:172 Resp: 1587261
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 40.426 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampled :

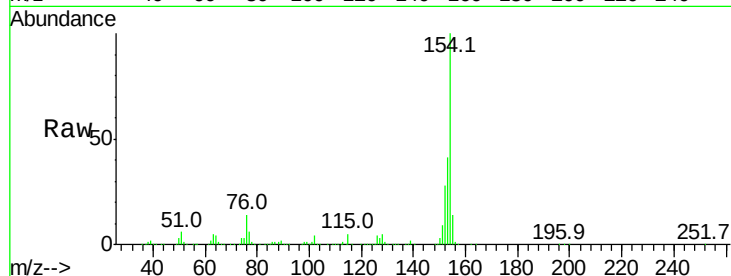
Tot Ion:154 Resp: 971667

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

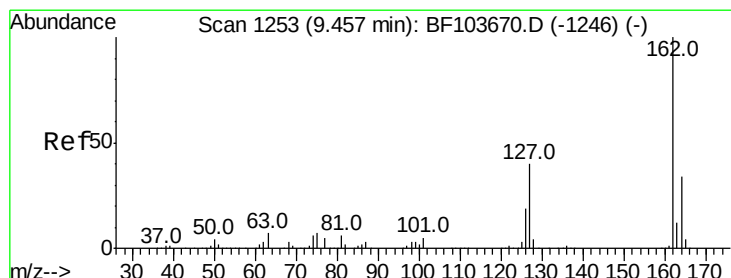
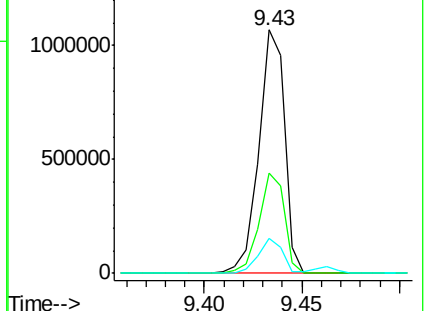
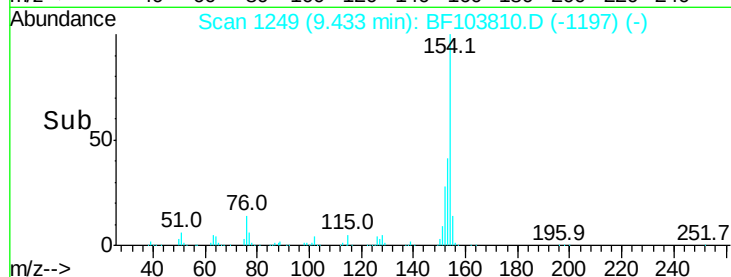
76 14.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 40.656 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

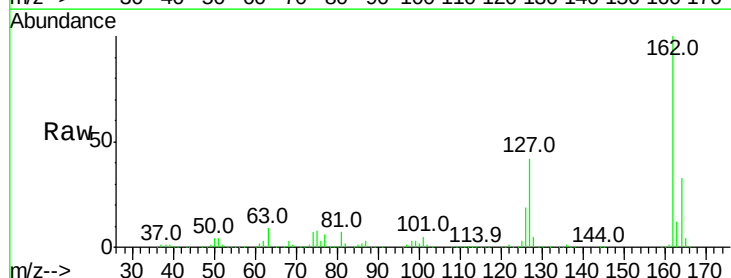
Tgt Ion:162 Resp: 776145

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

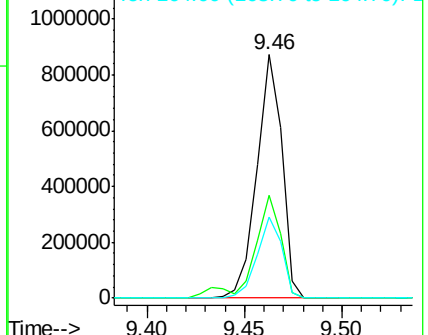
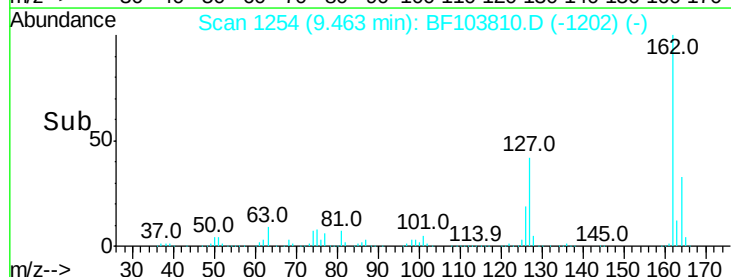
164 33.2 26.5 39.7

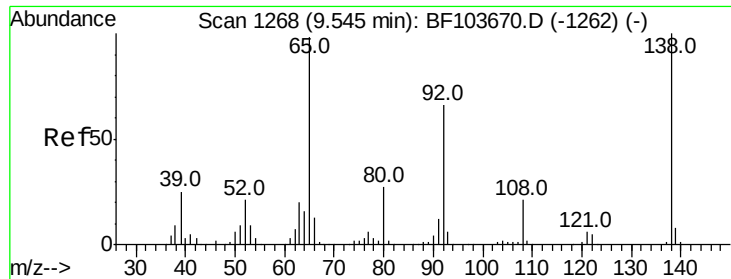


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

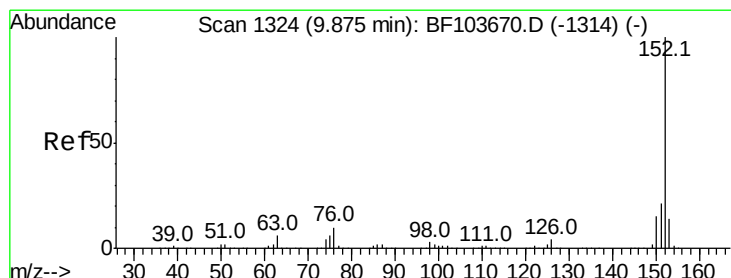
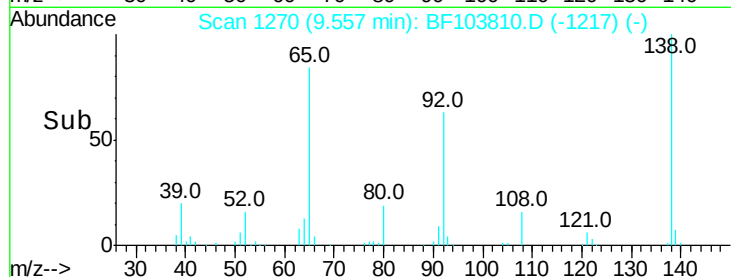
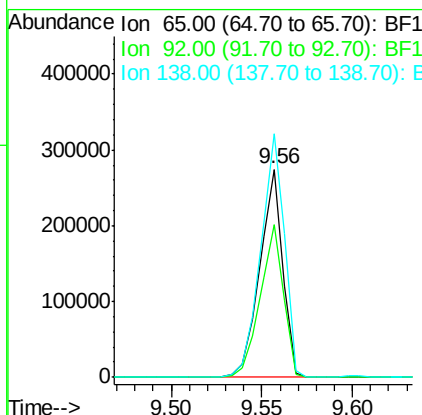
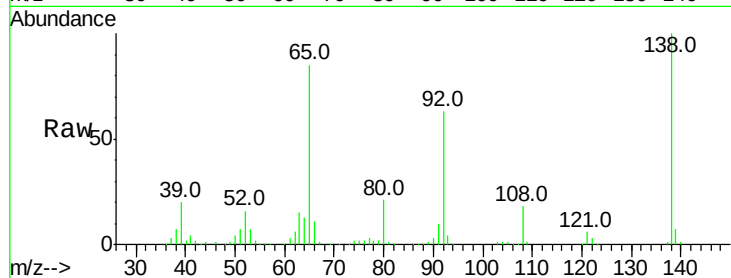




#47
2-Nitroaniline
Concen: 48.474 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

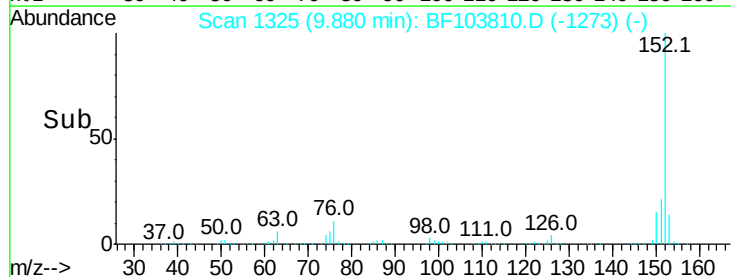
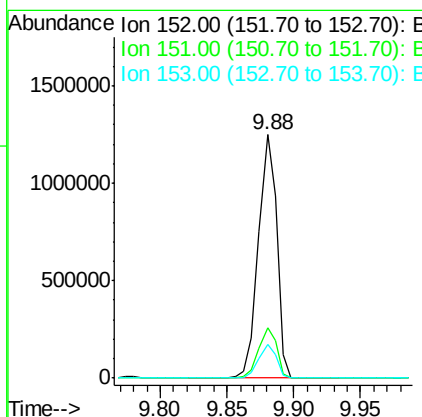
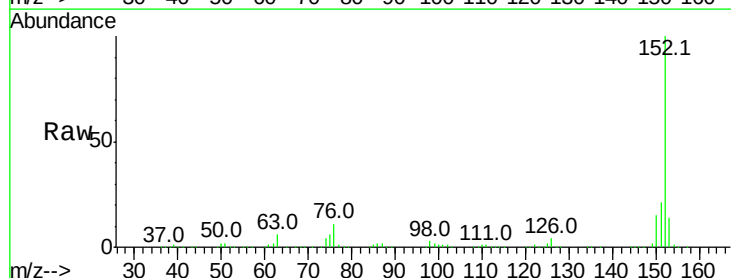
Instrument :
BNA_F
ClientSampleId :

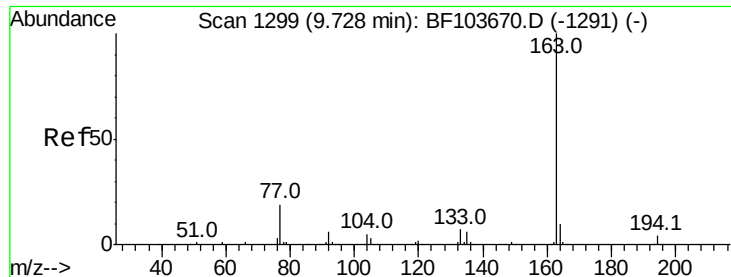
Tot Ion: 65 Resp: 242473
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 117.1 91.2 136.8



#48
Acenaphthylene
Concen: 39.643 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion:152 Resp: 1173569
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.7 10.7 16.1

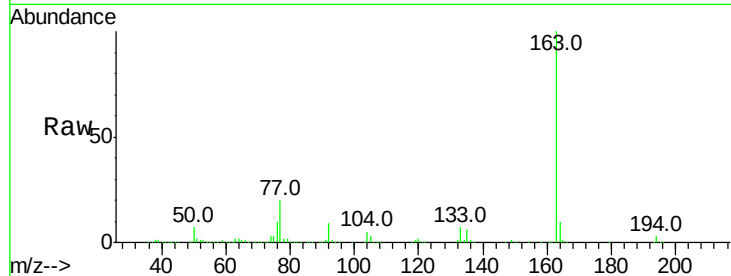




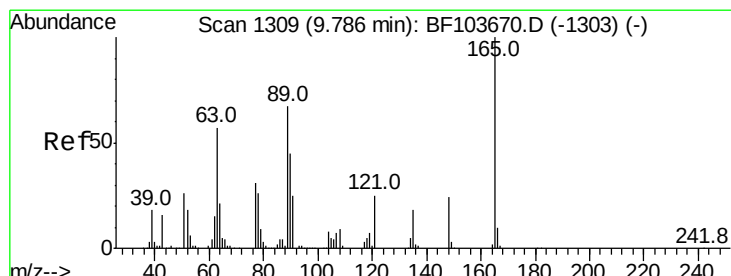
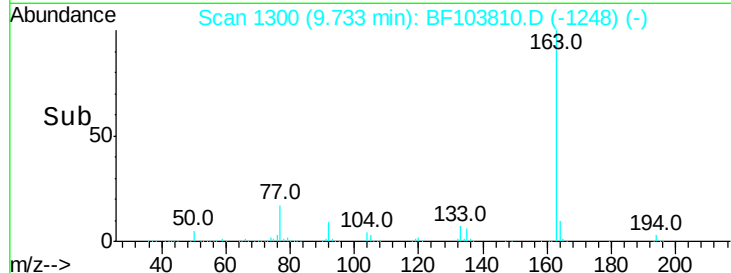
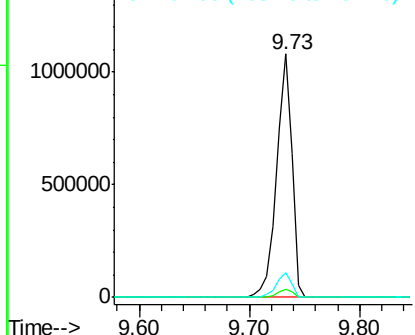
#49
Dimethylphthalate
Concen: 47.936 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1054188
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

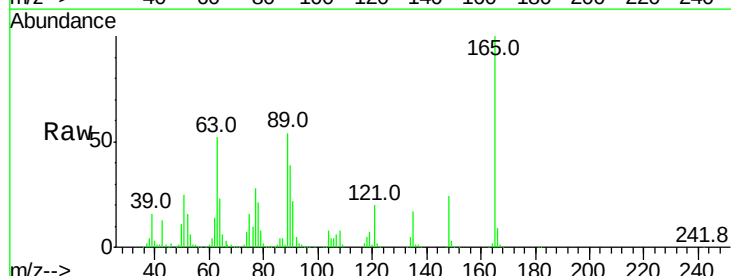


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

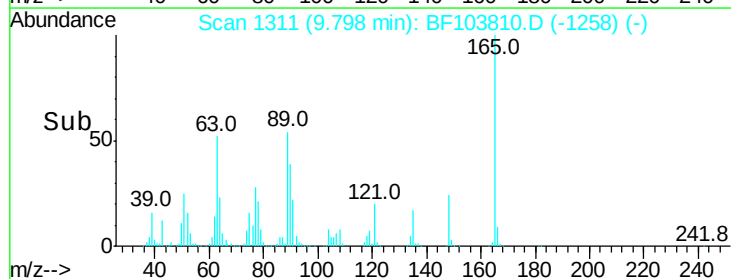
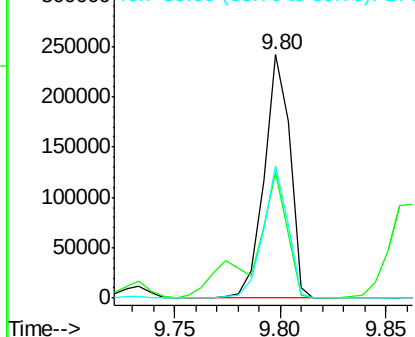


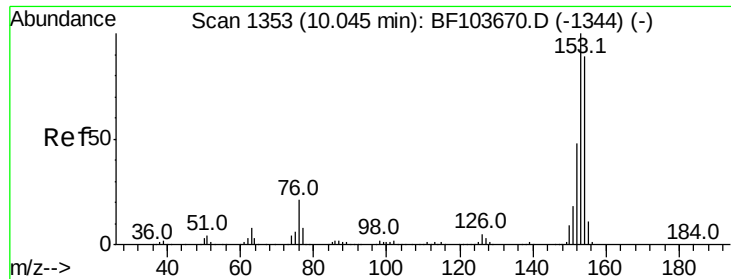
#50
2,6-Dinitrotoluene
Concen: 48.196 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion:165 Resp: 205111
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 54.5 44.0 66.0



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

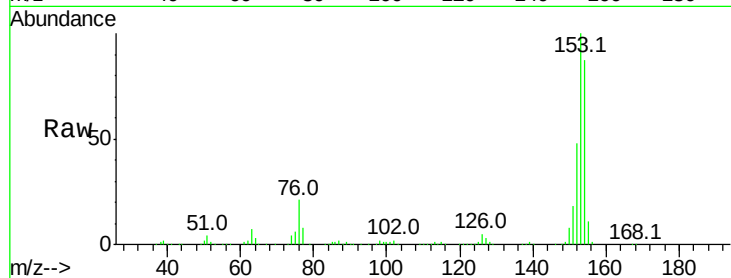




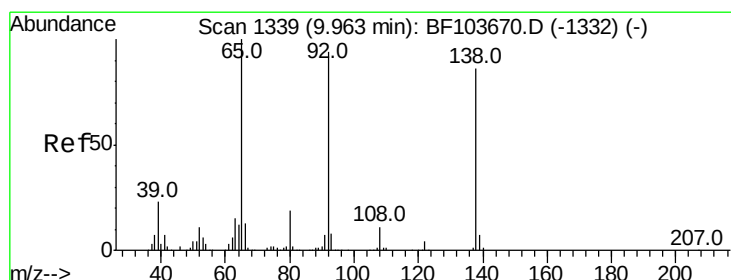
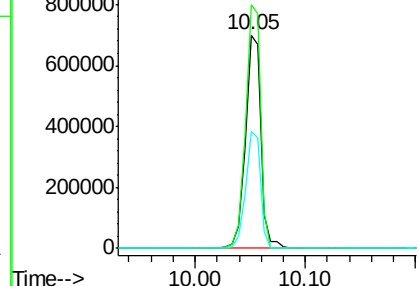
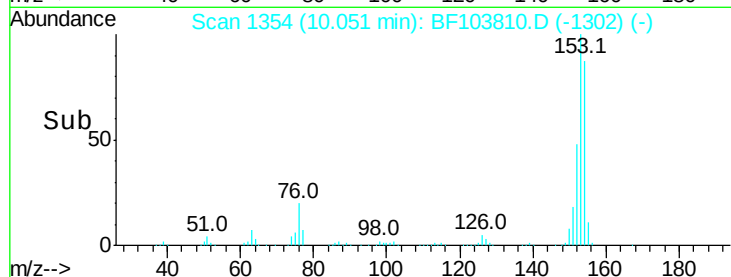
#51
Acenaphthene
Concen: 39.290 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 690613
Ion Ratio Lower Upper
154 100
153 114.4 91.2 136.8
152 55.1 43.8 65.8

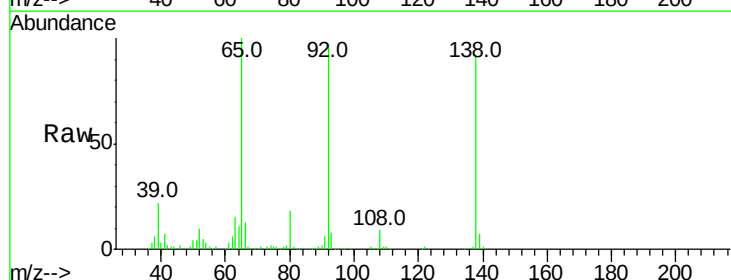


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

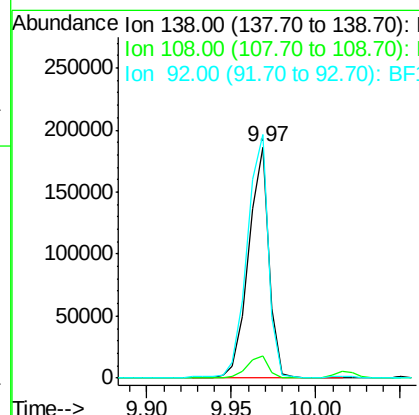
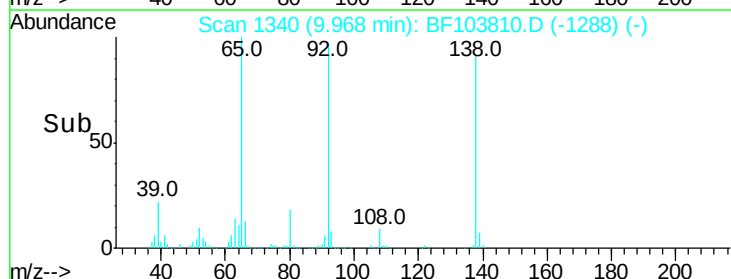


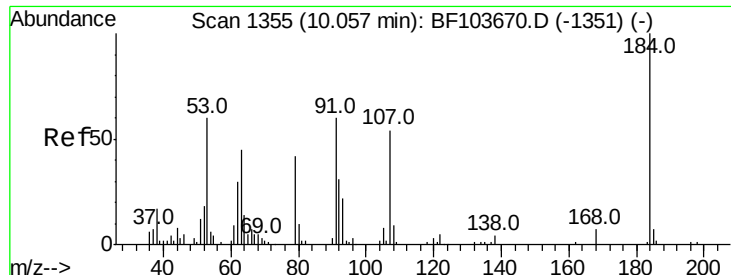
#52
3-Nitroaniline
Concen: 32.188 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion:138 Resp: 157156
Ion Ratio Lower Upper
138 100
108 9.4 9.4 14.0
92 105.4 89.4 134.2



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





#53

2,4-Dinitrophenol

Concen: 41.465 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampled :

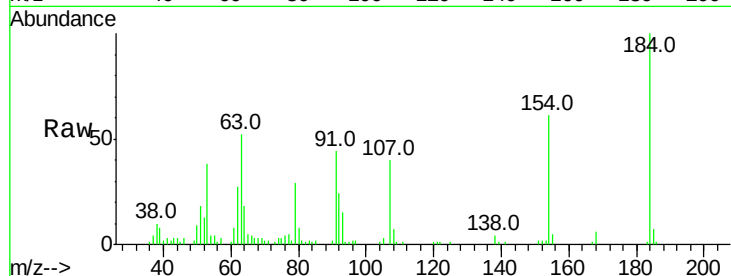
Tot Ion:184 Resp: 33594

Ion Ratio Lower Upper

184 100

63 51.7 54.2 81.2#

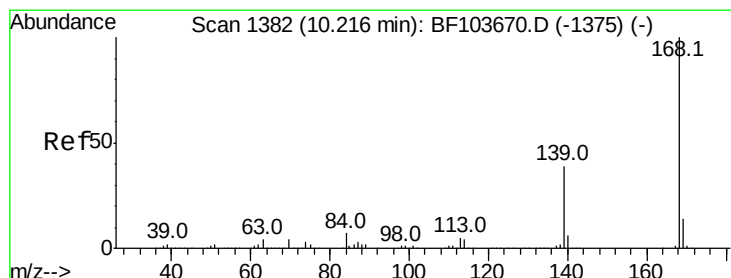
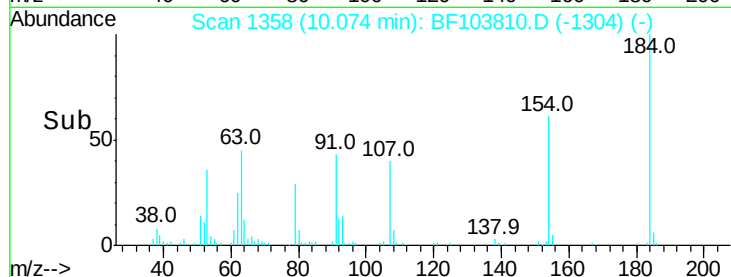
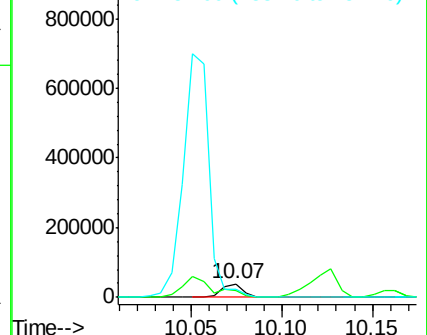
154 60.8 184.0 276.0#



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



#54

Dibenzofuran

Concen: 41.127 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

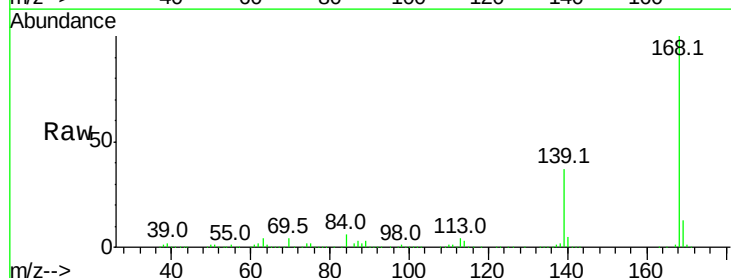
Tgt Ion:168 Resp: 1032462

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

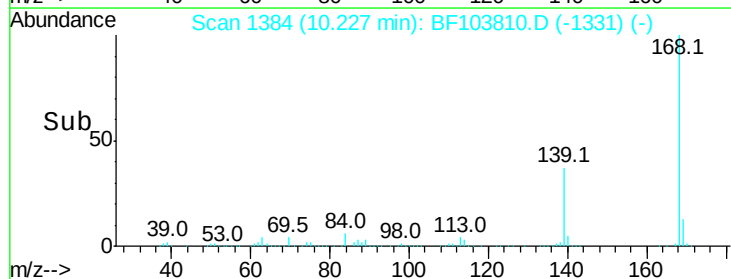
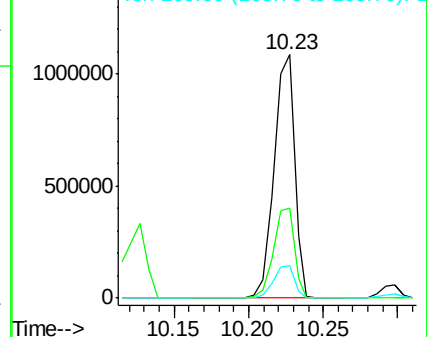
169 13.3 10.9 16.3

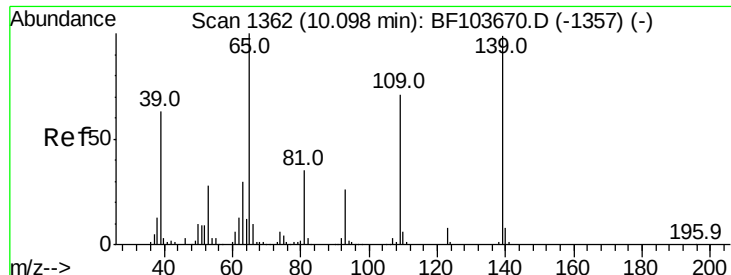


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 86.301 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.03 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

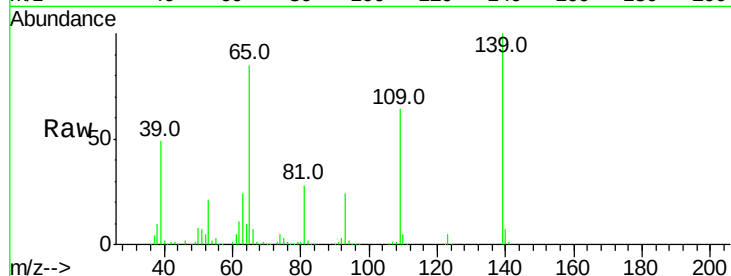
Tot Ion:139 Resp: 349153

Ion Ratio Lower Upper

139 100

109 63.7 48.4 88.4

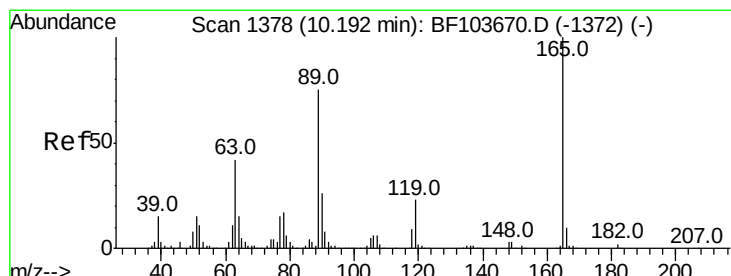
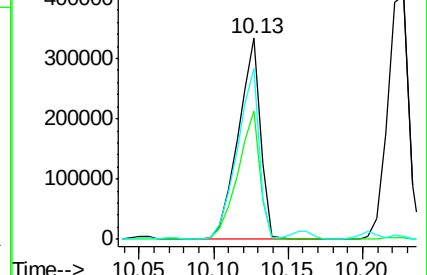
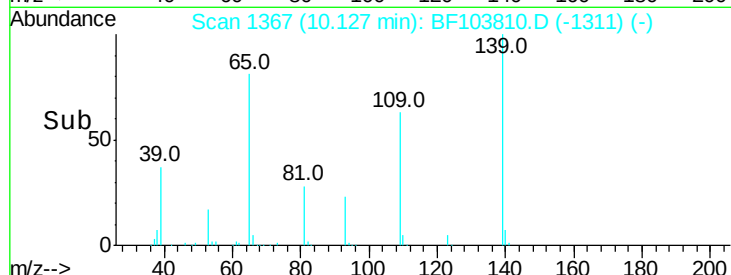
65 85.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 49.733 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Tgt Ion:165 Resp: 269428

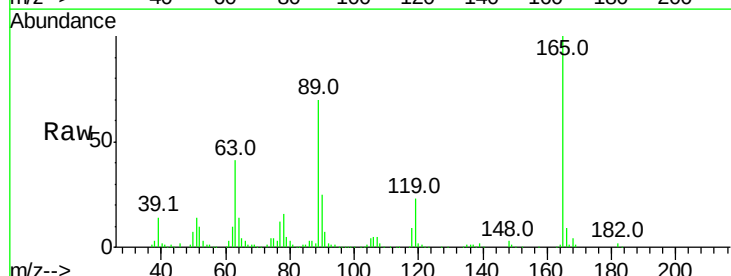
Ion Ratio Lower Upper

165 100

63 40.5 36.4 54.6

89 70.1 57.8 86.6

182 2.2 1.6 2.4

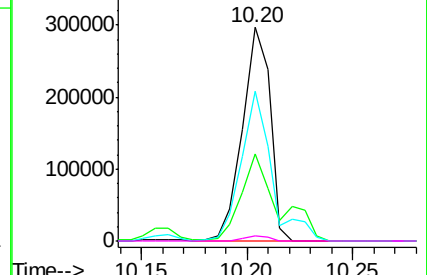
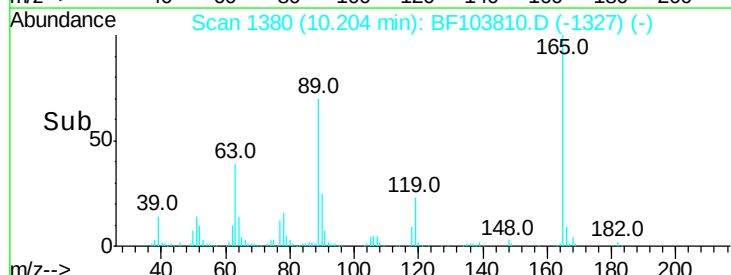


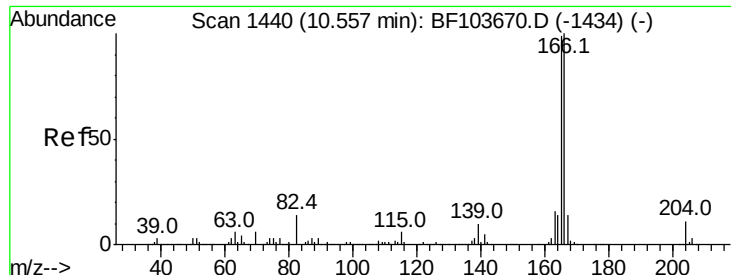
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

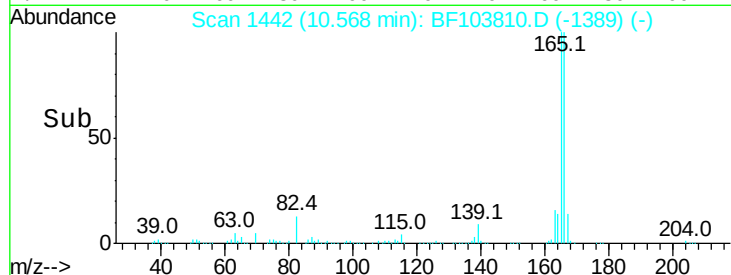
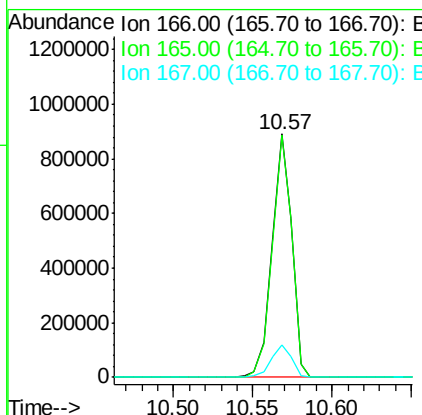
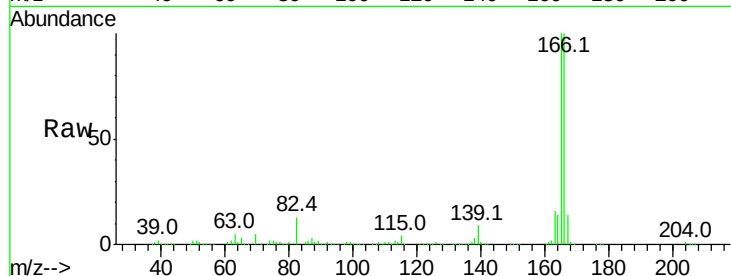




#57
 Fluorene
 Concen: 39.856 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

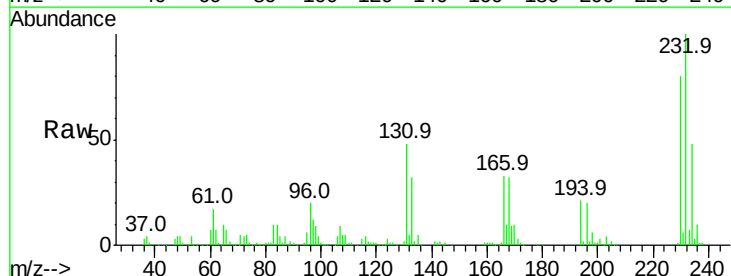
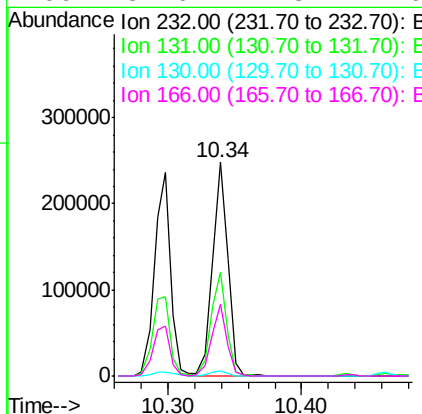
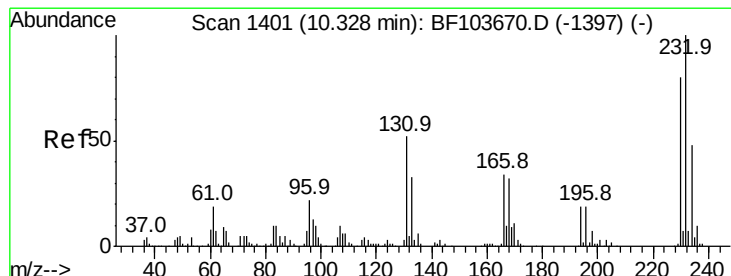
Instrument :
 BNA_F
 ClientSampleId :

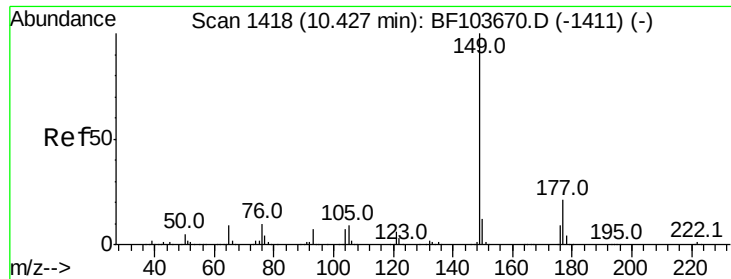
Tot Ion:166 Resp: 776419
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.815 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:232 Resp: 201140
 Ion Ratio Lower Upper
 232 100
 131 48.9 43.8 65.8
 130 2.4 2.1 3.1
 166 32.6 27.8 41.6

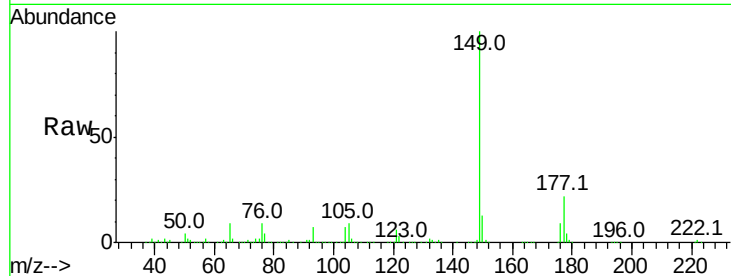




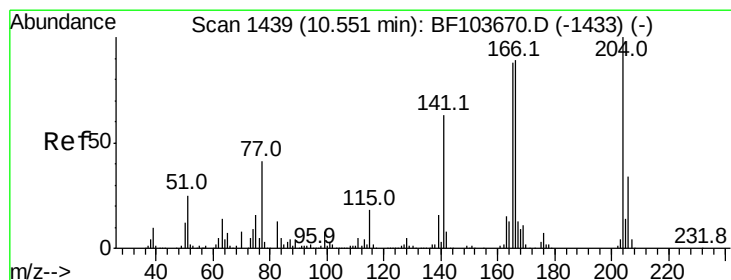
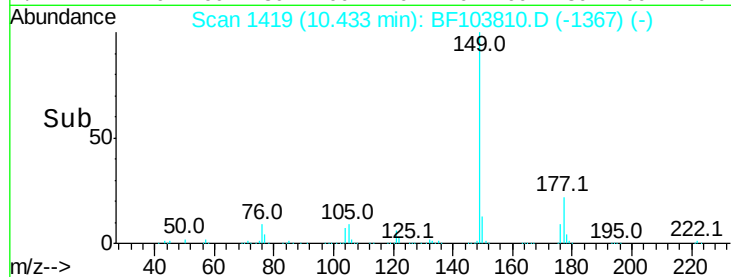
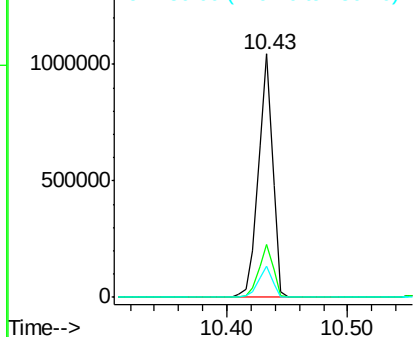
#59
Diethylphthalate
Concen: 39.678 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 866062
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.5 10.1 15.1

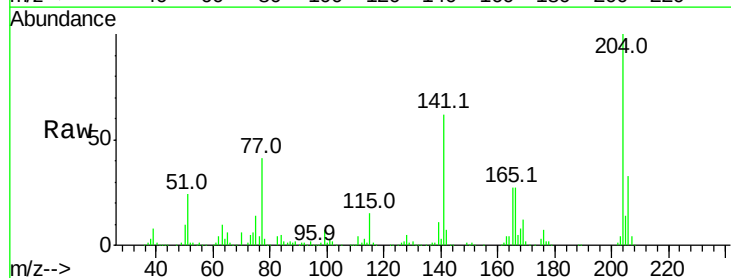


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

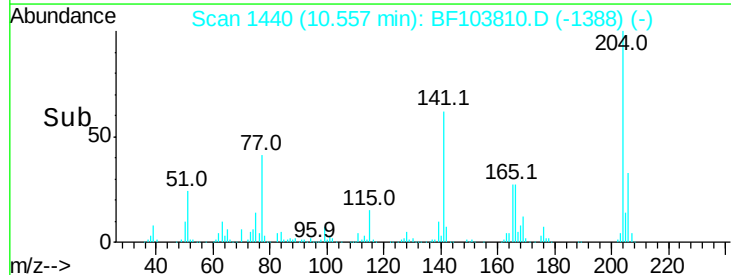
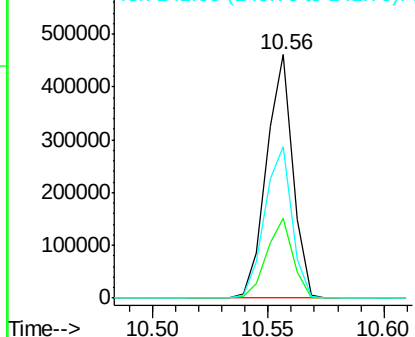


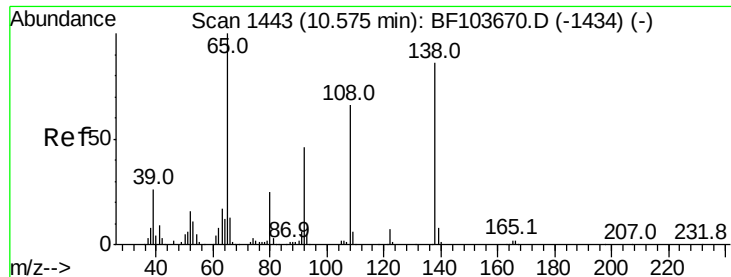
#60
4-Chlorophenyl-phenylether
Concen: 41.116 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion:204 Resp: 366046
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 62.0 54.6 81.8



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

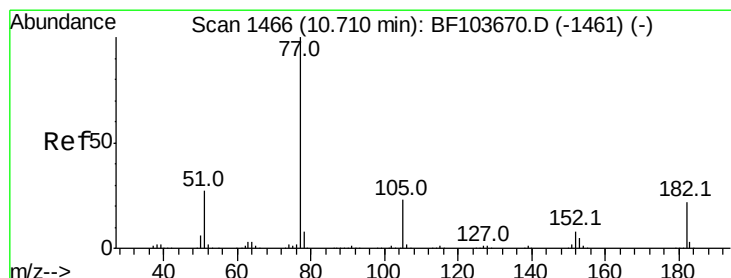
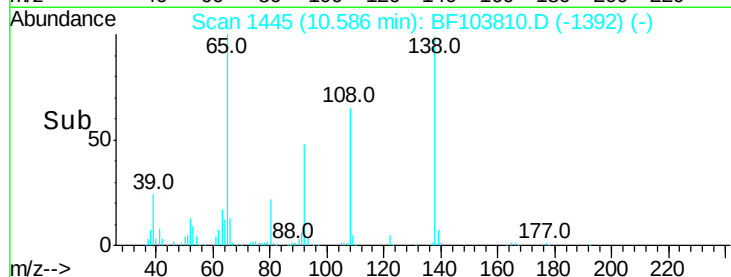
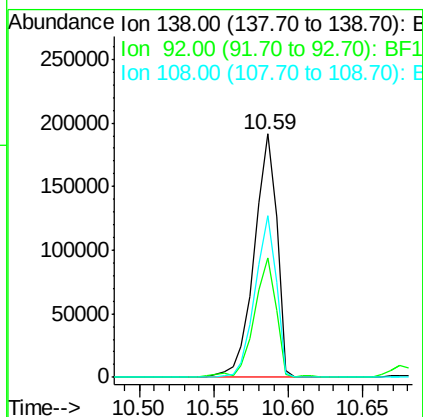
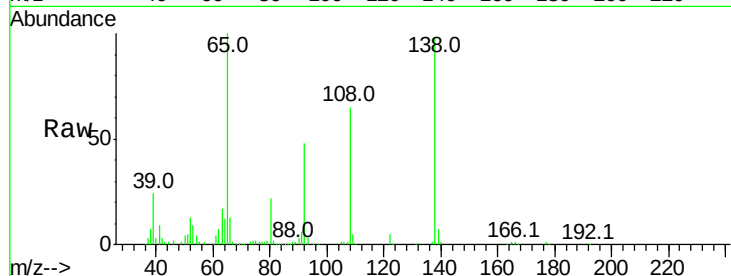




#61
4-Nitroaniline
Concen: 41.285 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

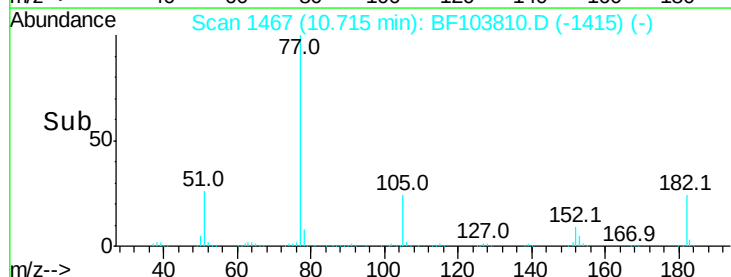
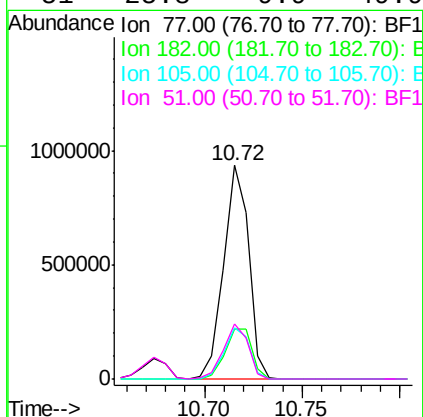
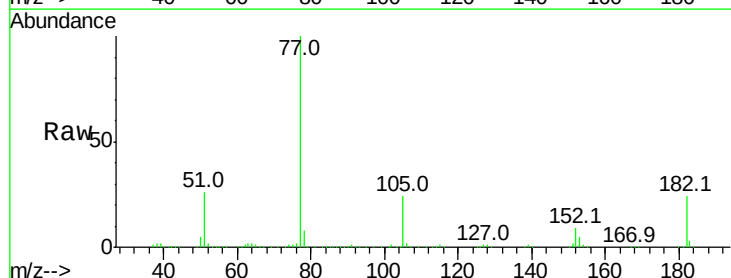
Instrument :
BNA_F
ClientSampled :

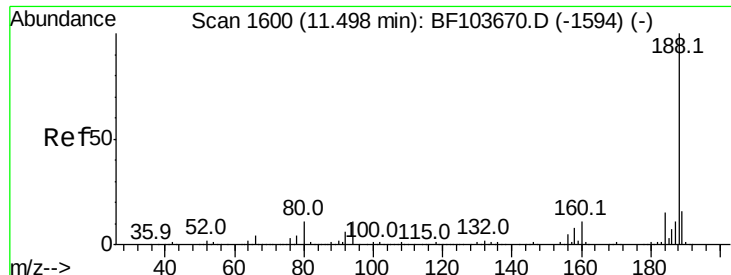
Tot Ion:138 Resp: 199796
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 66.4 52.5 92.5



#62
Azobenzene
Concen: 37.461 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion: 77 Resp: 831299
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 23.8 3.0 43.0
51 25.8 9.9 49.9

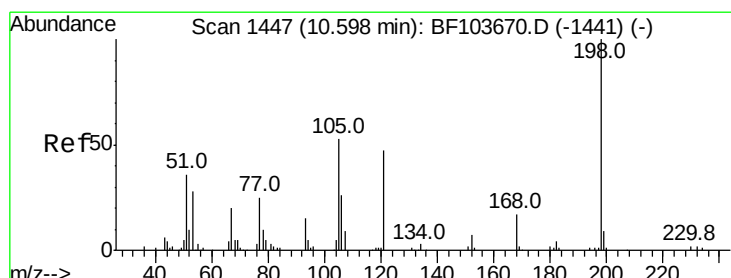
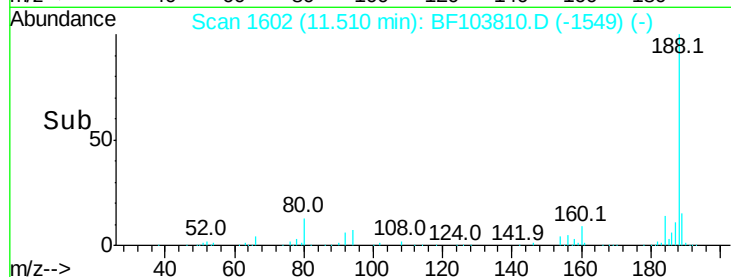
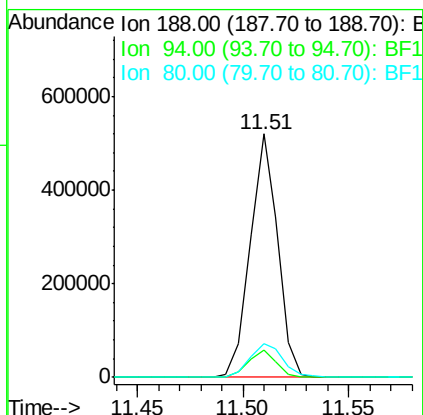
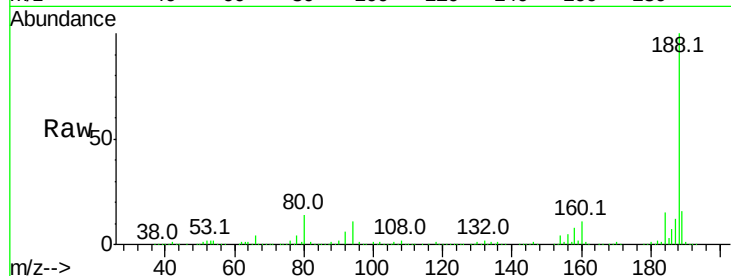




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

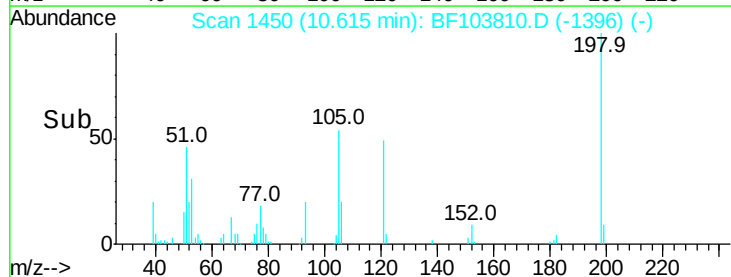
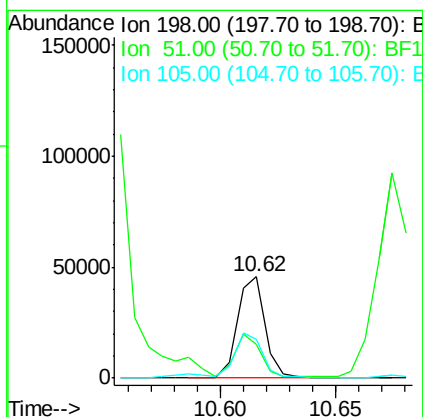
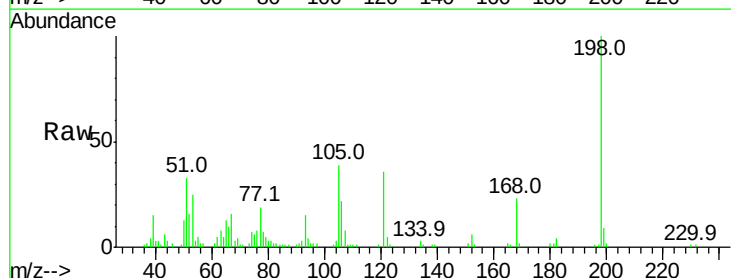
Instrument :
 BNA_F
 ClientSampleId :

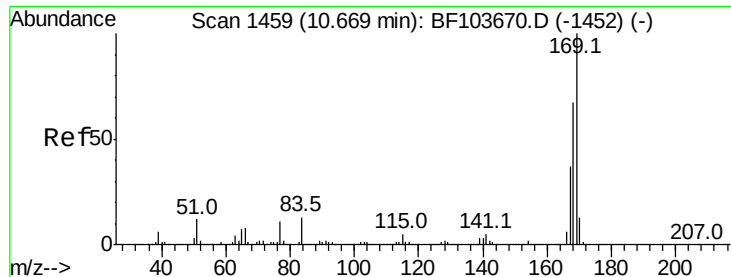
Tot Ion:188 Resp: 468901
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 13.8 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.021 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.02 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:198 Resp: 38181
 Ion Ratio Lower Upper
 198 100
 51 32.9 37.7 77.7#
 105 38.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 45.203 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

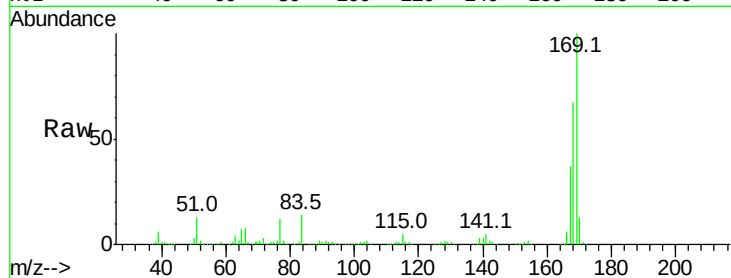
Tot Ion:169 Resp: 721458

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

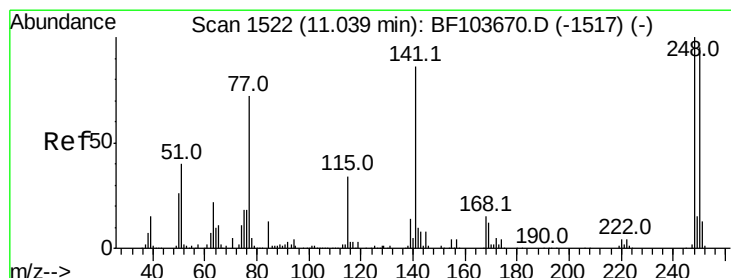
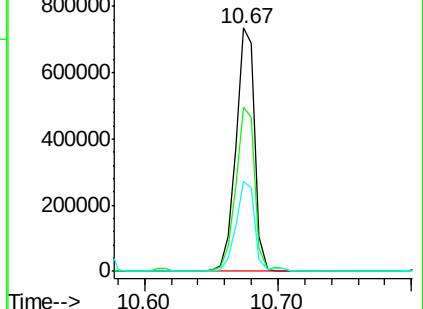
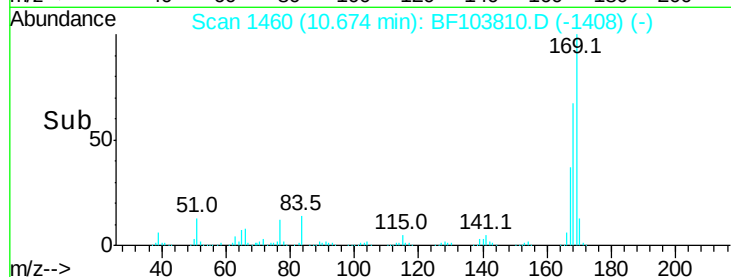
167 37.1 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 48.455 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

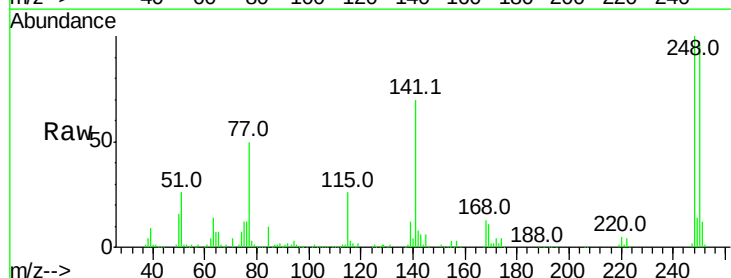
Tgt Ion:248 Resp: 233280

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

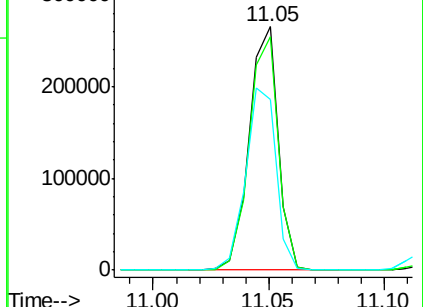
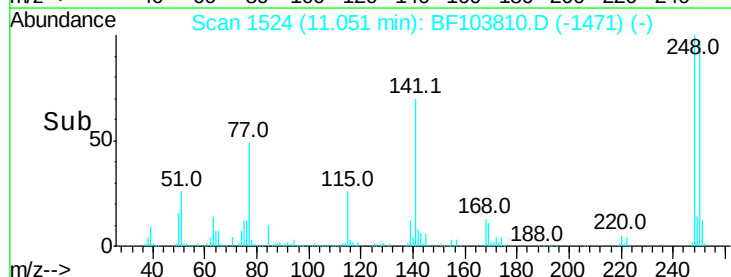
141 70.2 74.4 111.6#

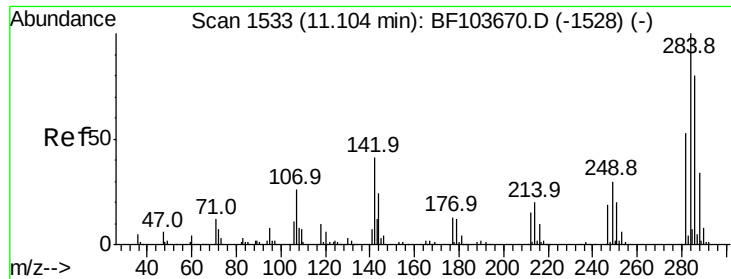


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.472 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

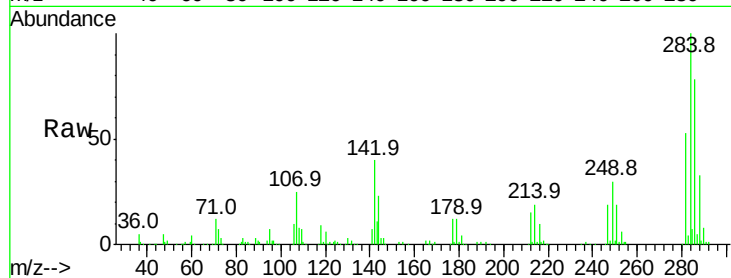
Tot Ion:284 Resp: 244367

Ion Ratio Lower Upper

284 100

142 39.6 34.6 52.0

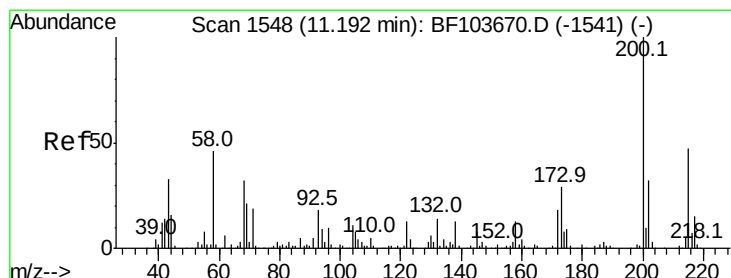
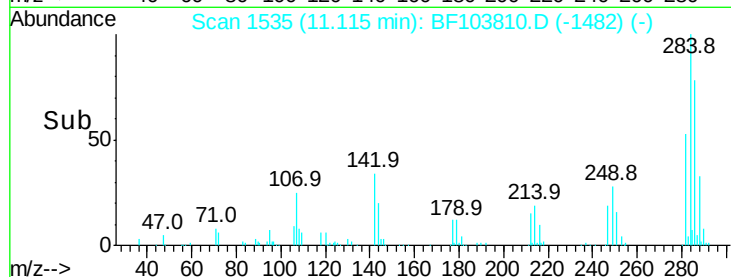
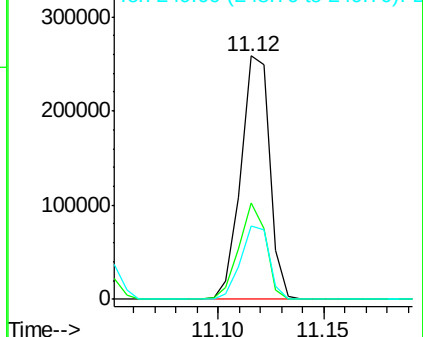
249 30.0 24.8 37.2



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



#68

Atrazine

Concen: 48.503 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

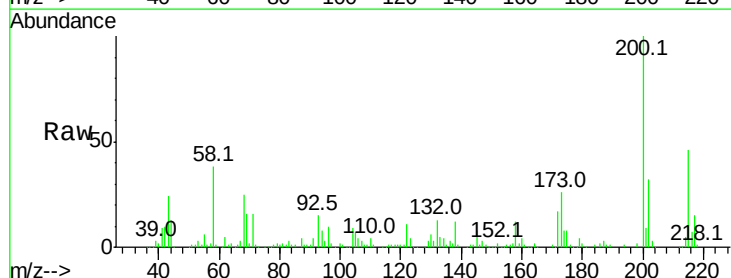
Tgt Ion:200 Resp: 239474

Ion Ratio Lower Upper

200 100

173 26.5 8.6 48.6

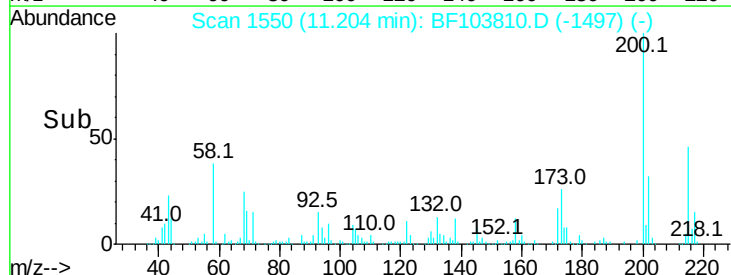
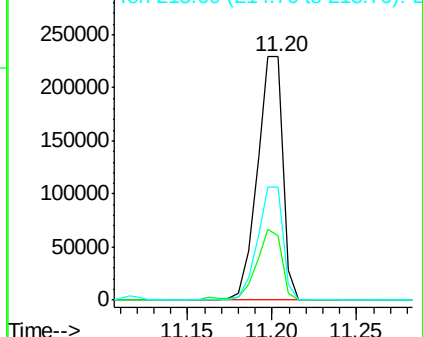
215 46.5 25.1 65.1

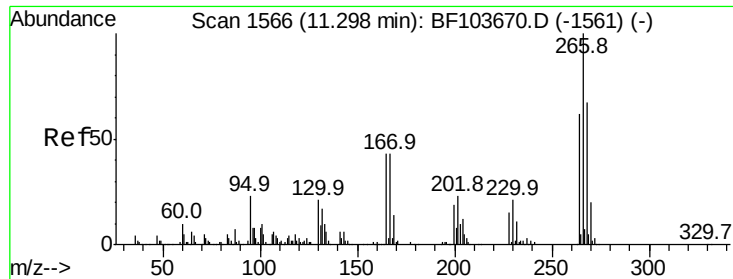


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 67.101 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

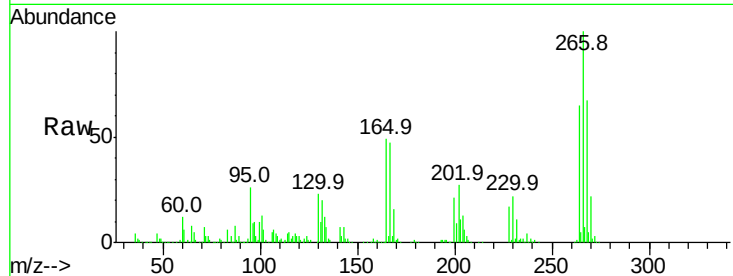
Tot Ion:266 Resp: 211977

Ion Ratio Lower Upper

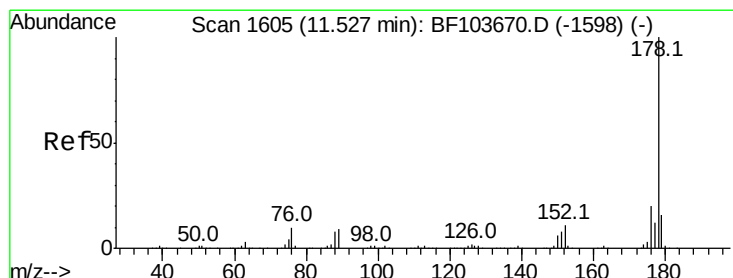
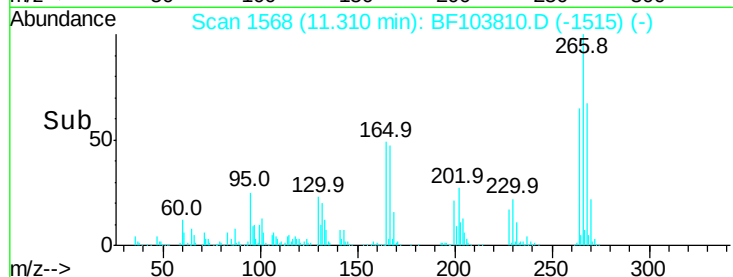
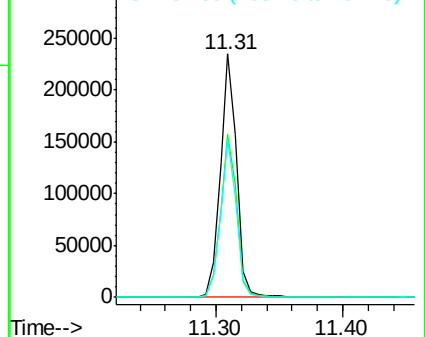
266 100

268 66.8 51.1 76.7

264 64.6 49.5 74.3



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



#70

Phenanthrene

Concen: 40.837 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

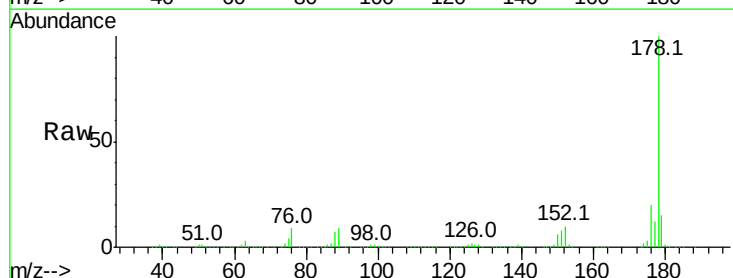
Tgt Ion:178 Resp: 1047461

Ion Ratio Lower Upper

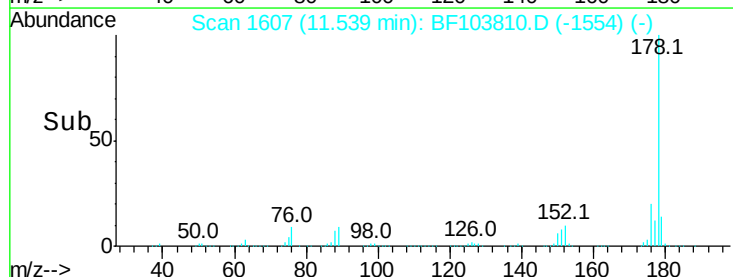
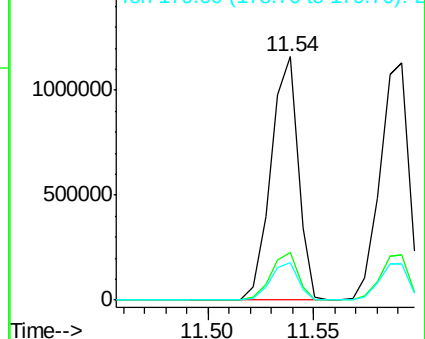
178 100

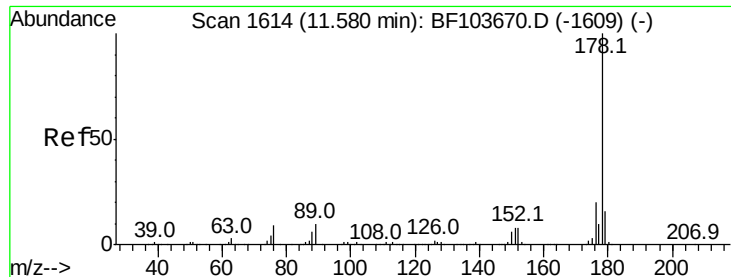
176 19.5 15.8 23.8

179 15.4 13.0 19.6



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

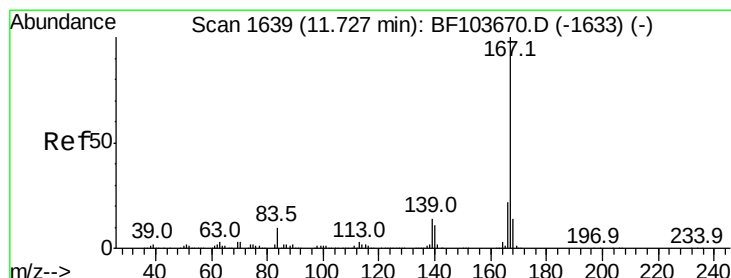
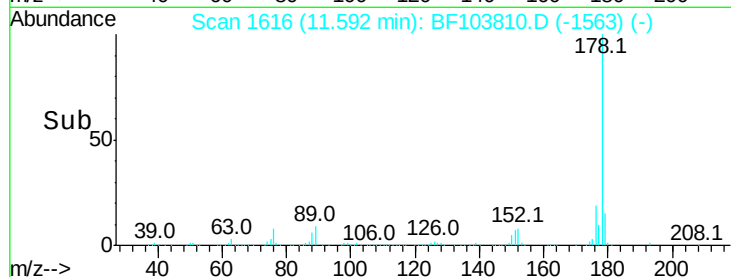
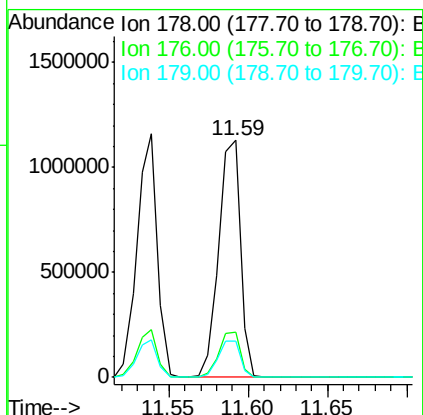
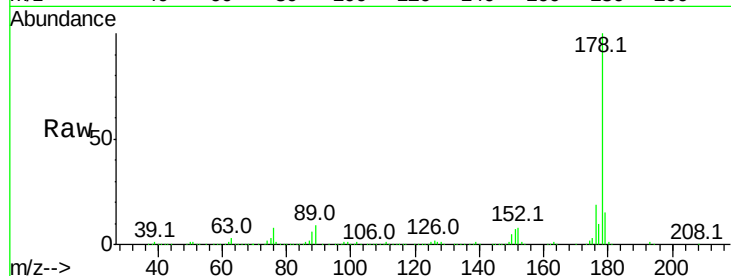




#71
 Anthracene
 Concen: 41.292 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

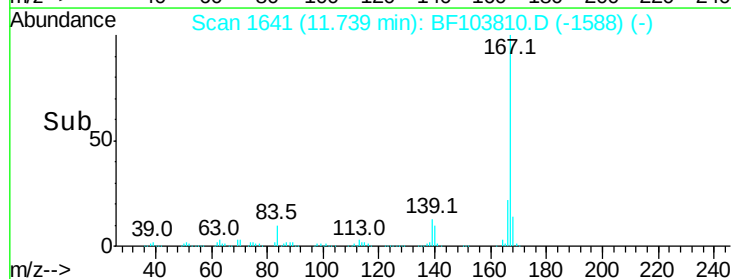
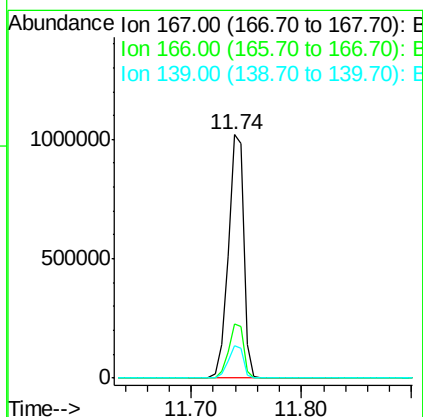
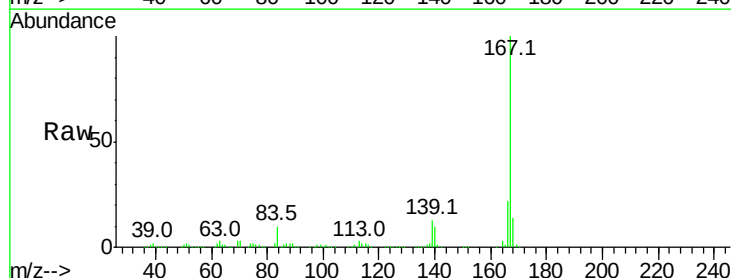
Instrument :
 BNA_F
 ClientSampleId :

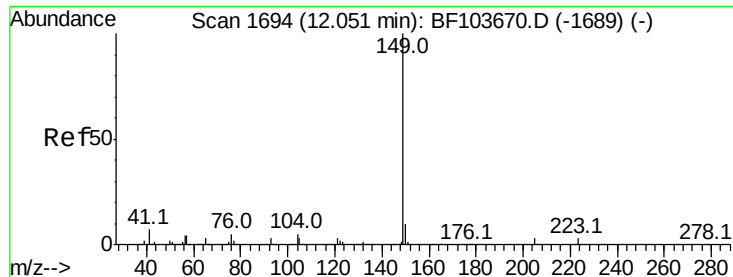
Tot Ion:178 Resp: 1075728
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 39.554 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:167 Resp: 1001542
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.805 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

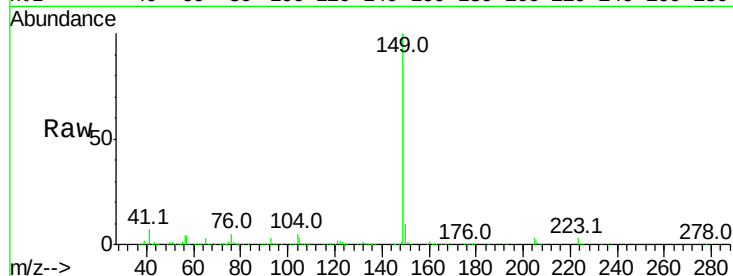
Tot Ion:149 Resp: 1300518

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

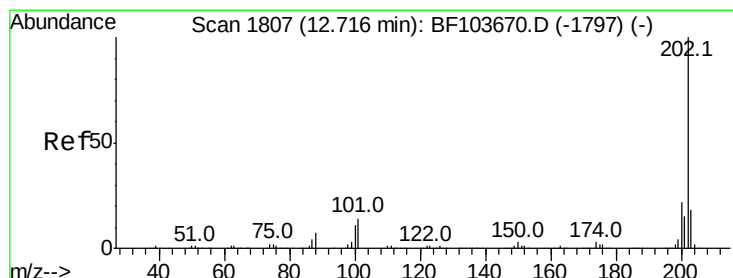
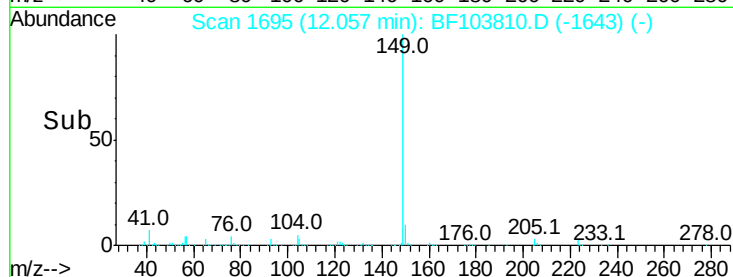
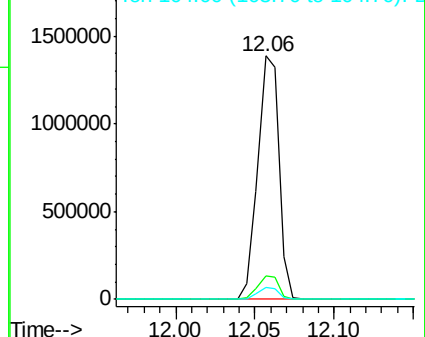
104 4.8 3.8 5.8



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



#74

Fluoranthene

Concen: 36.077 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

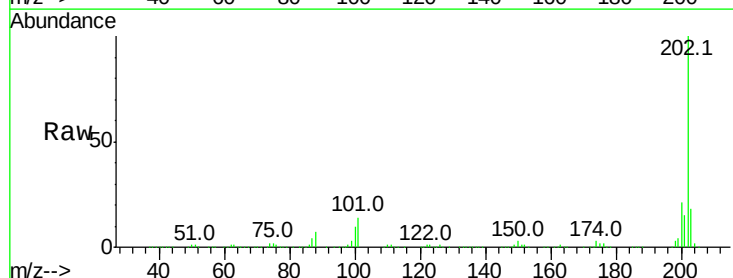
Tgt Ion:202 Resp: 953356

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

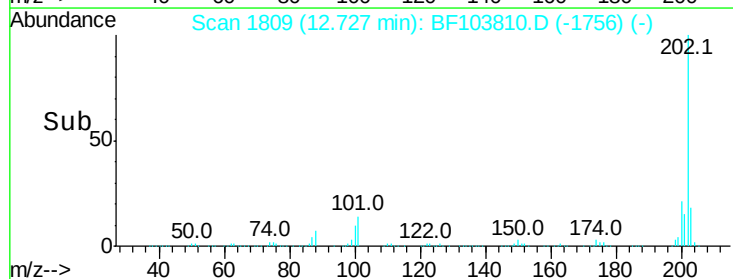
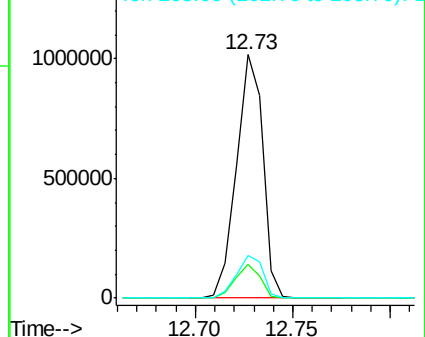
203 17.7 0.0 38.1

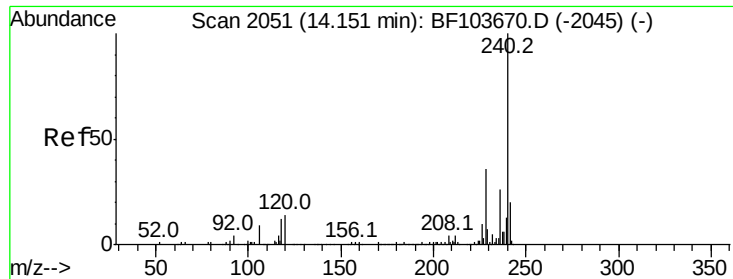


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

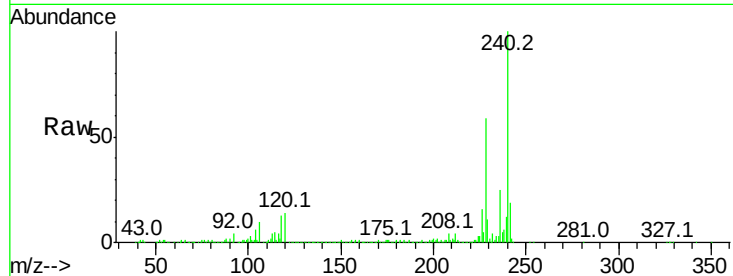
Tot Ion:240 Resp: 285866

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

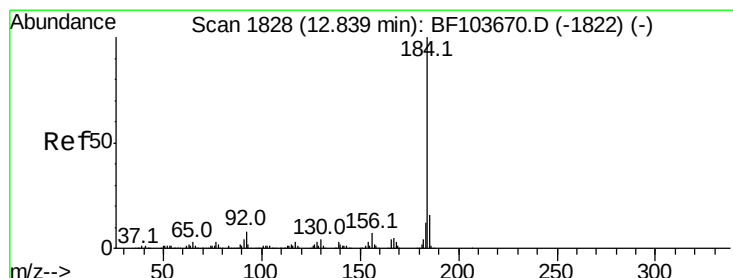
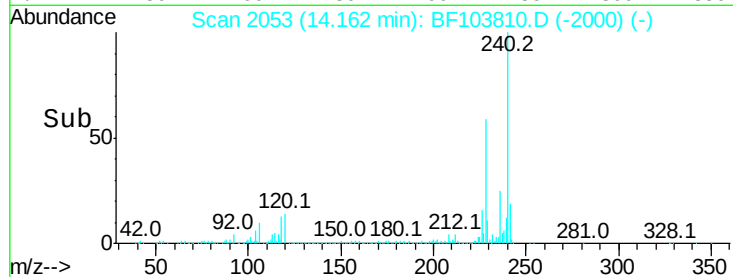
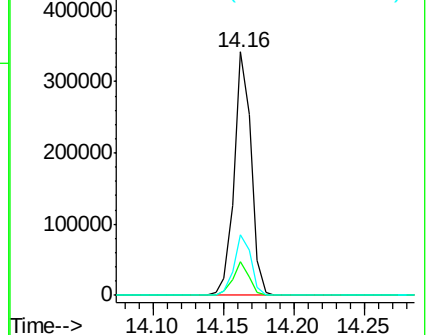
236 25.0 20.7 31.1



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



#76

Benzidine

Concen: 38.671 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

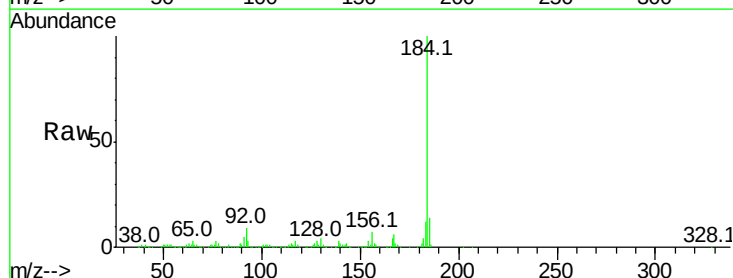
Tgt Ion:184 Resp: 471493

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

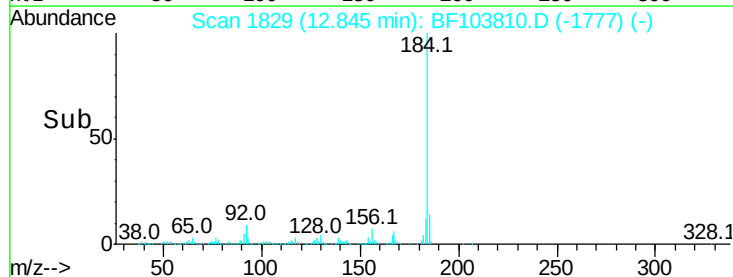
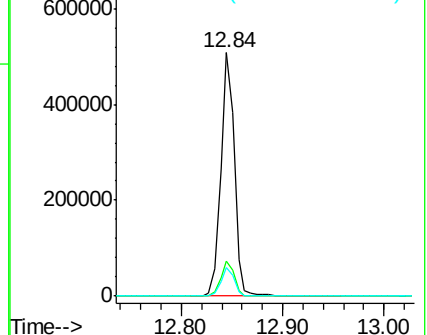
183 11.6 9.3 13.9

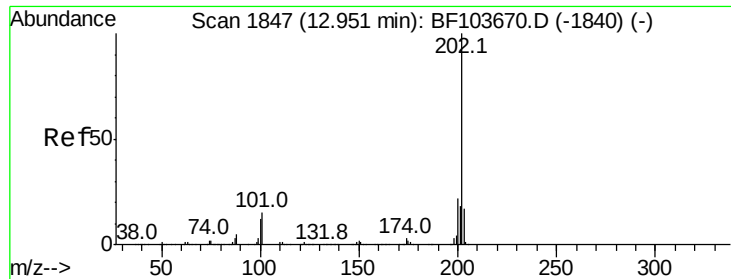


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

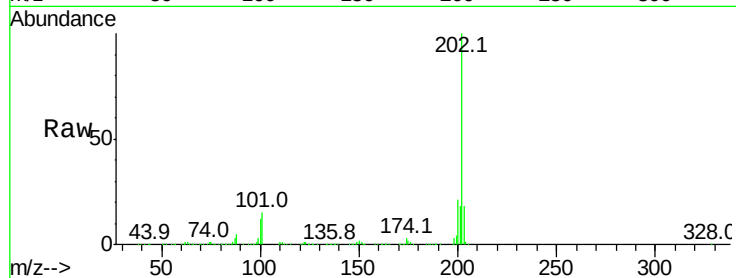




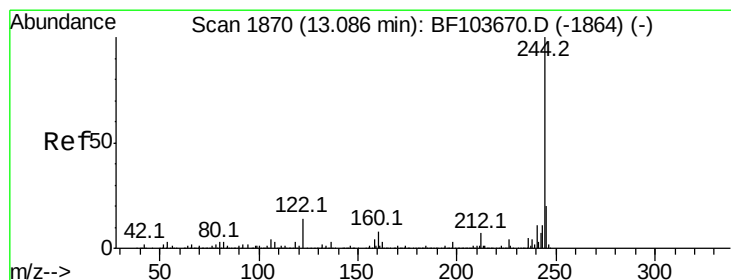
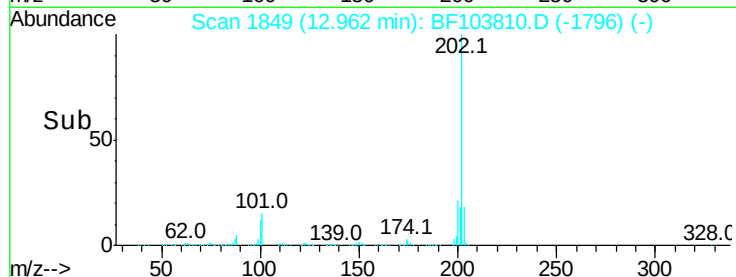
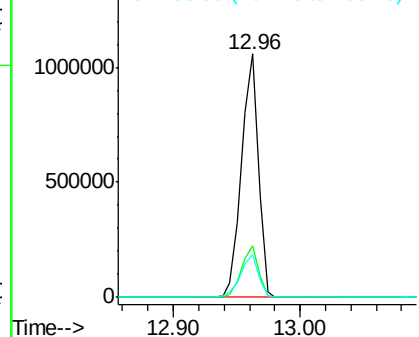
#77
Pvrene
Concen: 45.965 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.7	14.3	21.5

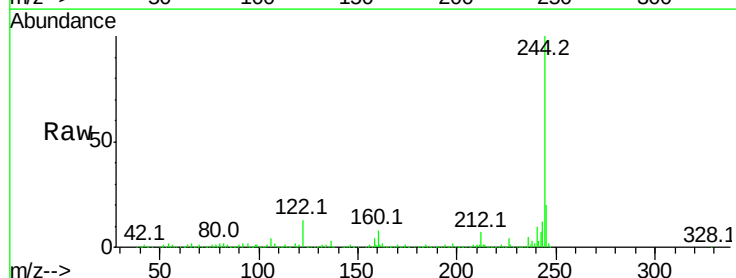


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

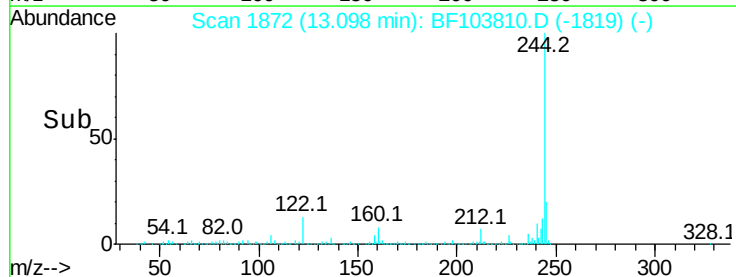
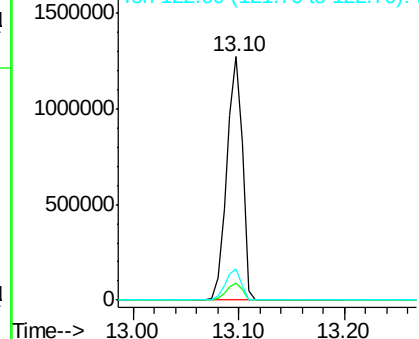


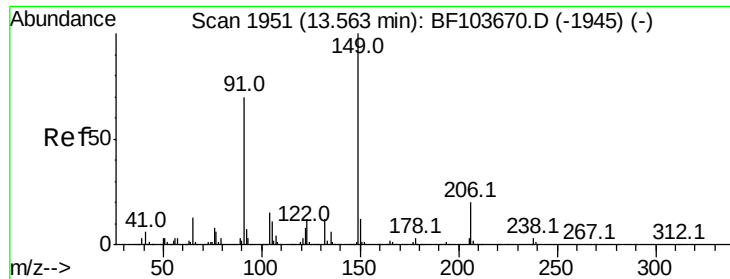
#78
Terphenyl-d14
Concen: 106.827 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	11.0	16.4



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

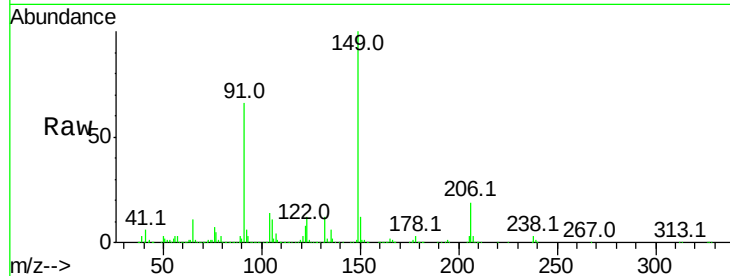




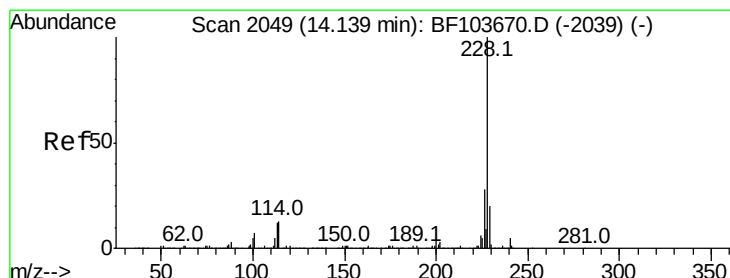
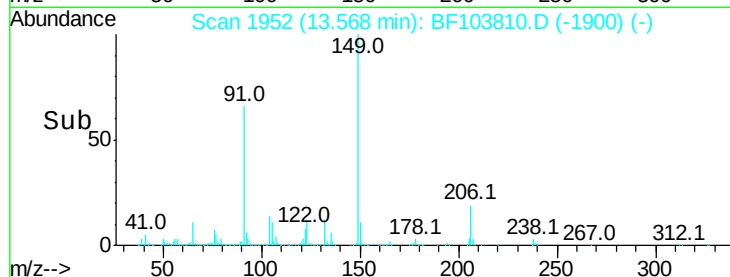
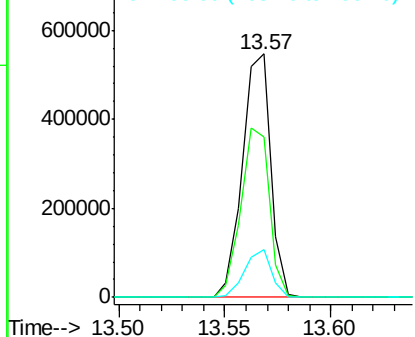
#79
Butylbenzylphthalate
Concen: 54.668 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	56.8	85.2
206	19.4	14.1	21.1

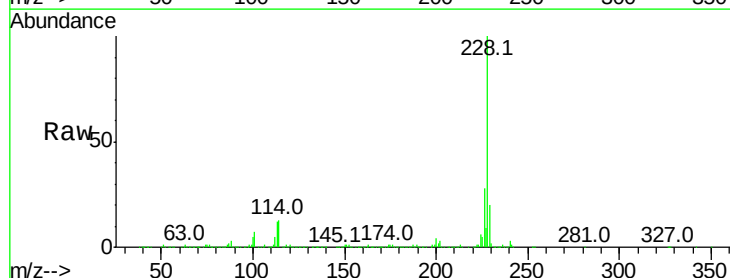


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

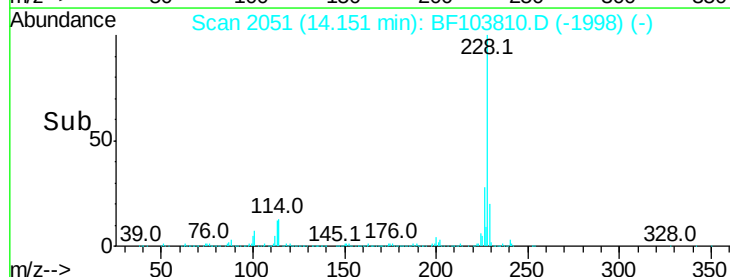
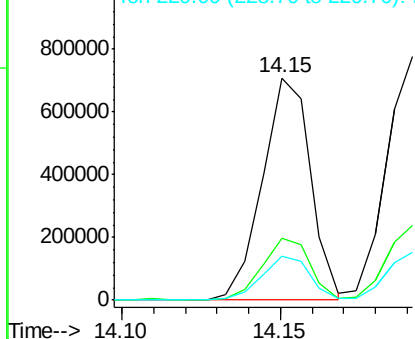


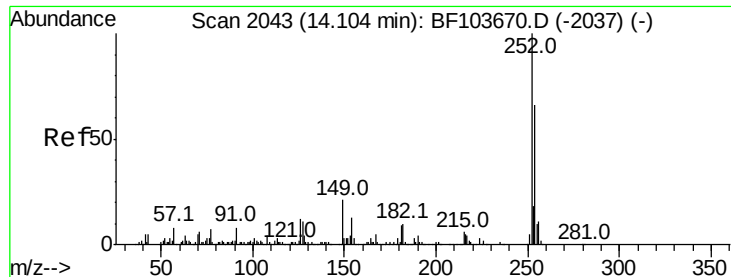
#80
Benzo(a)anthracene
Concen: 41.427 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103810.D
Acq: 20 Mar 2018 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	15.8	23.6



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

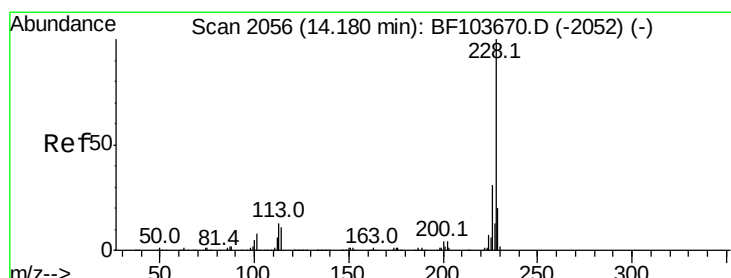
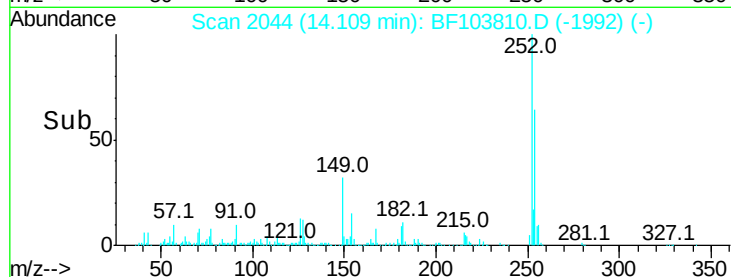
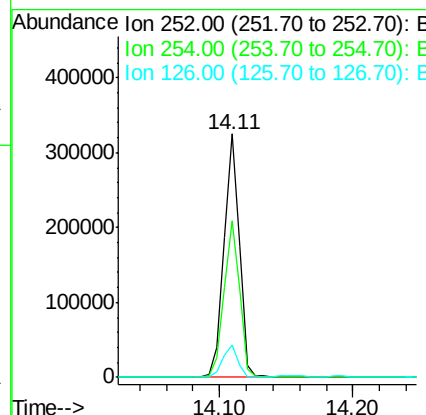
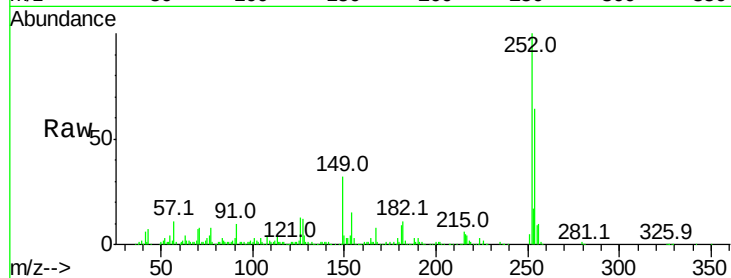




#81
 3,3'-Dichlorobenzidine
 Concen: 44.174 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

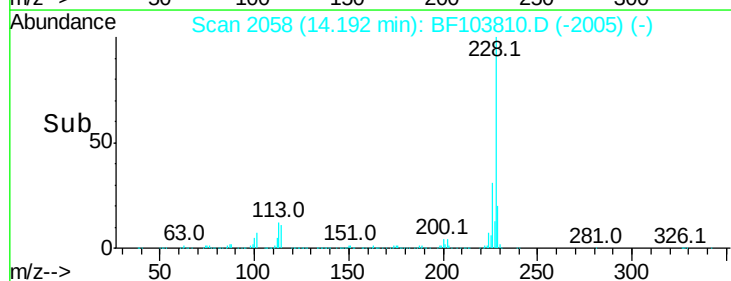
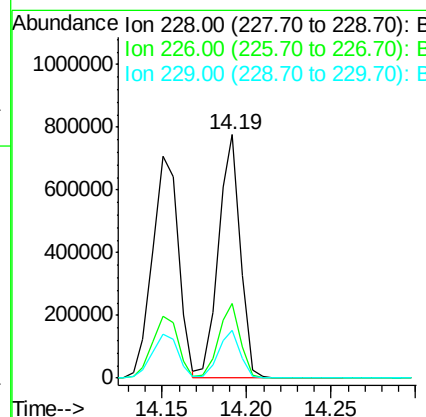
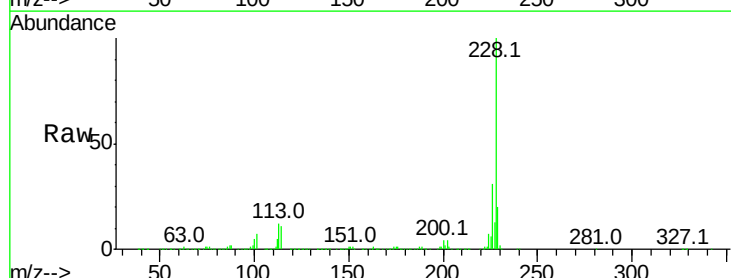
Instrument :
 BNA_F
 ClientSampleId :

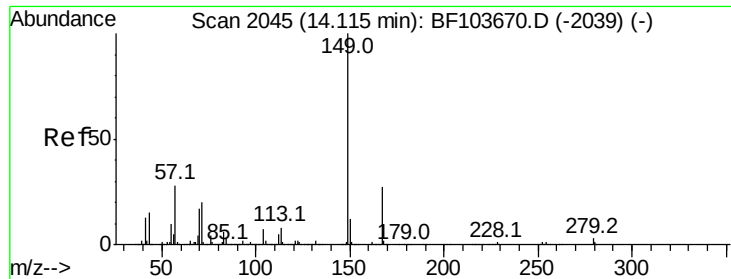
Tot Ion:252 Resp: 267374
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 13.3 11.3 16.9



#82
 Chrysene
 Concen: 40.739 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:228 Resp: 702713
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.9 16.2 24.4

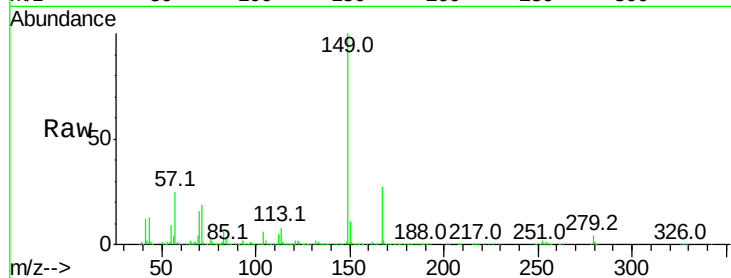




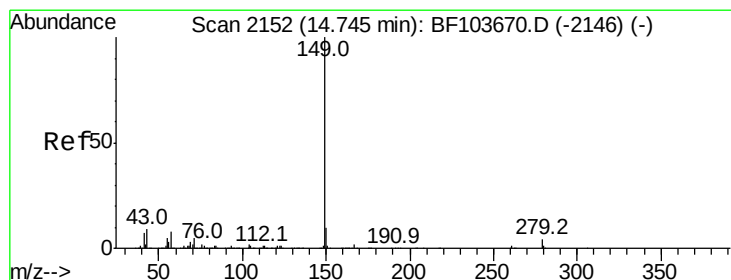
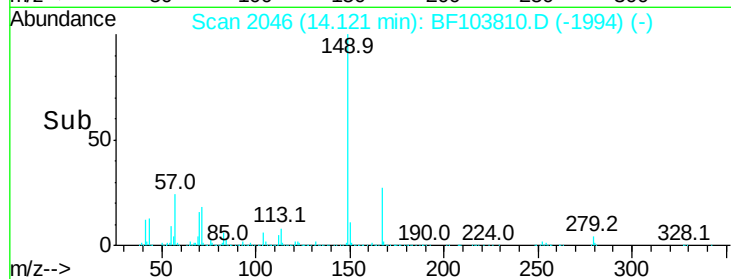
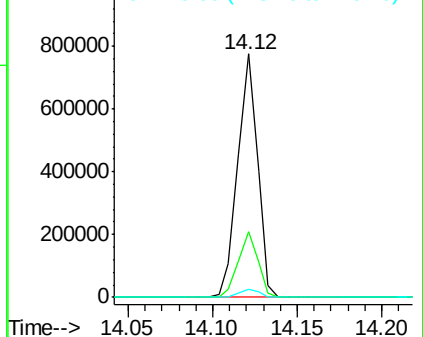
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.605 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 632562
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.5 3.0 4.4

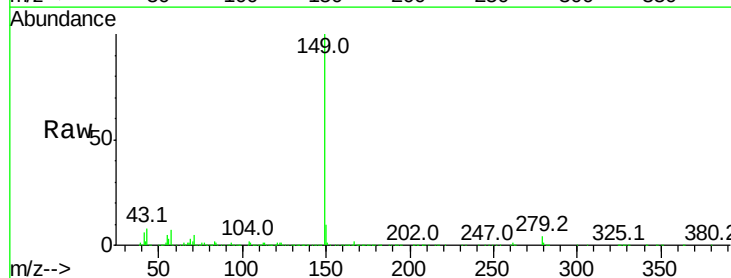


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

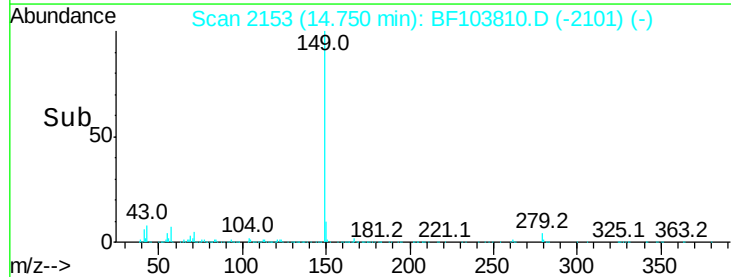
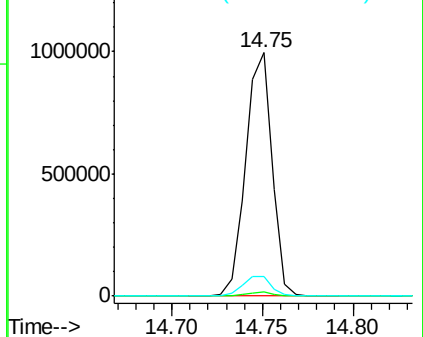


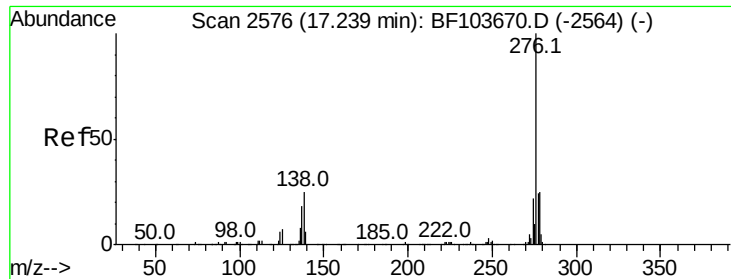
#84
 Di-n-octyl phthalate
 Concen: 51.842 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Tgt Ion:149 Resp: 1002168
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 8.4 12.6#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.059 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.04 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

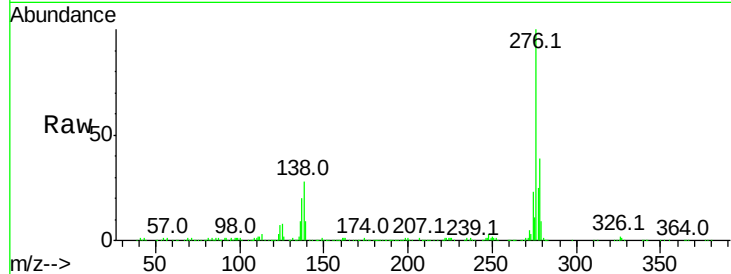
Tot Ion:276 Resp: 648639

Ion Ratio Lower Upper

276 100

138 30.4 25.0 37.6

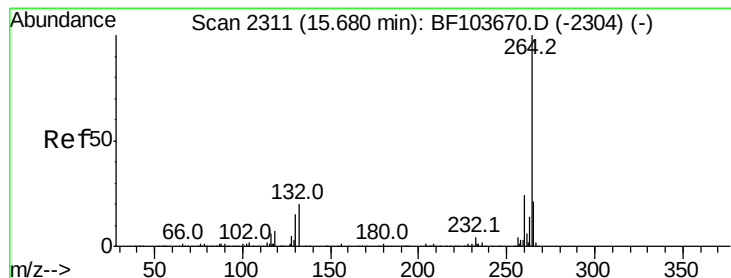
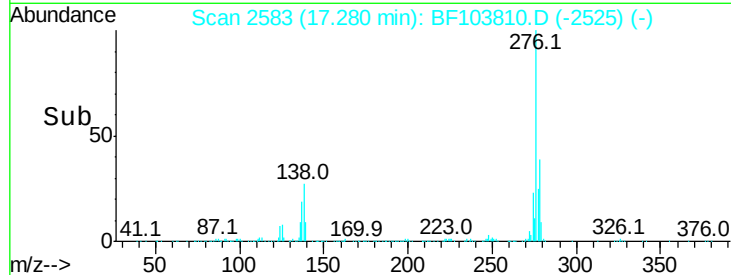
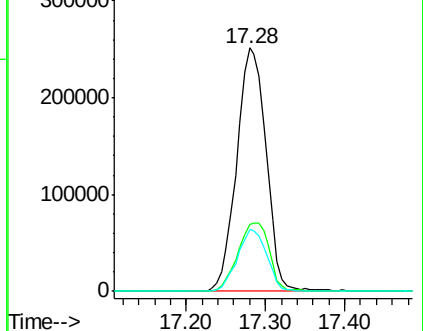
277 25.6 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

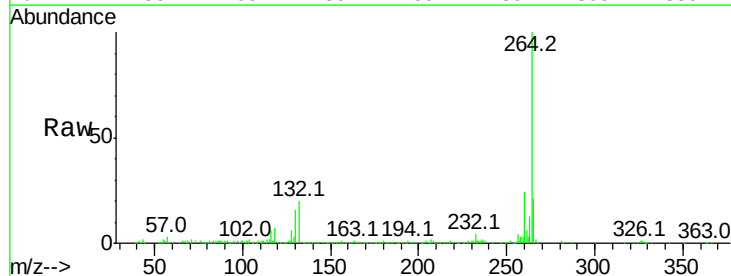
Tgt Ion:264 Resp: 269263

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

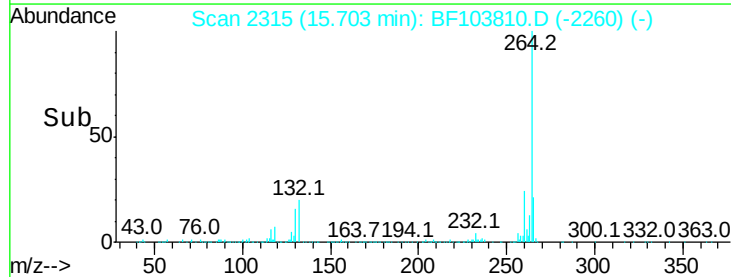
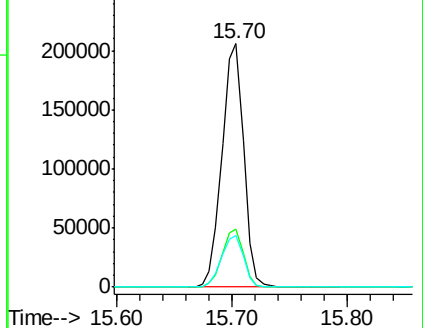
265 21.0 17.5 26.3

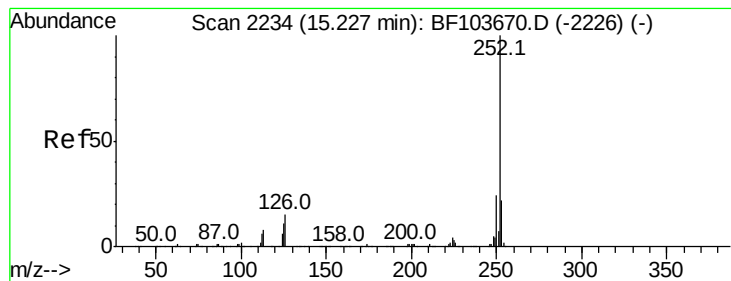


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.852 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

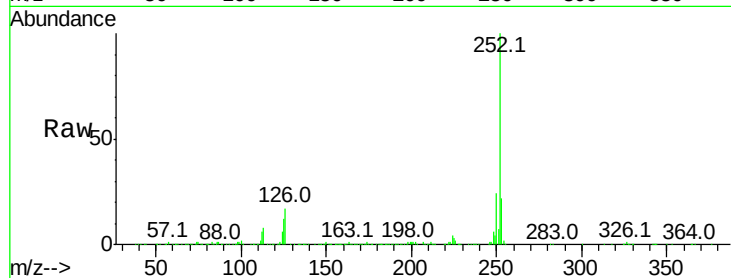
Tot Ion:252 Resp: 745977

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

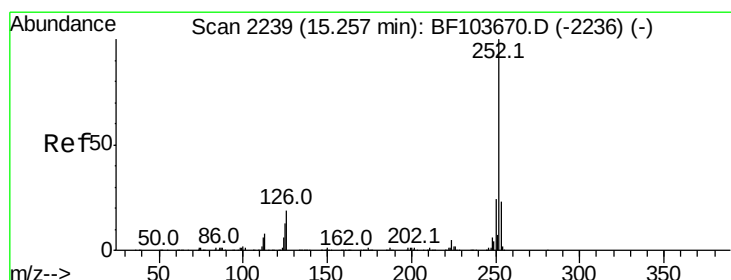
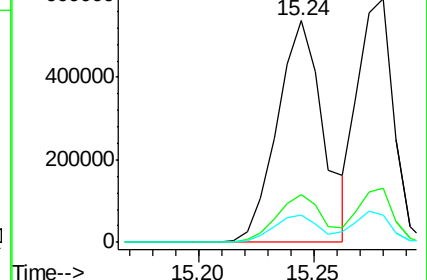
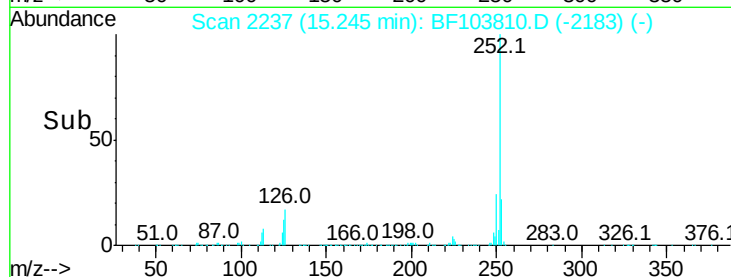
125 12.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.549 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

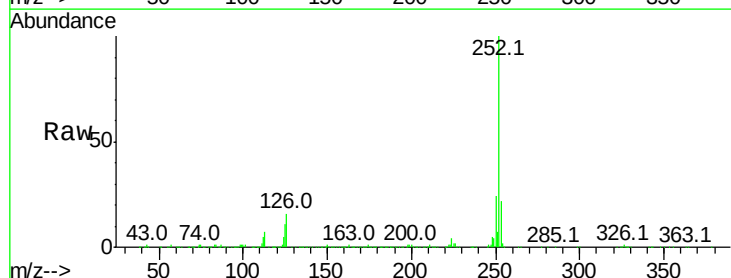
Tgt Ion:252 Resp: 630374

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

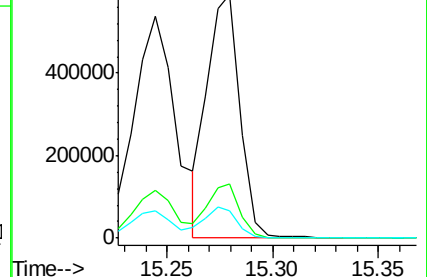
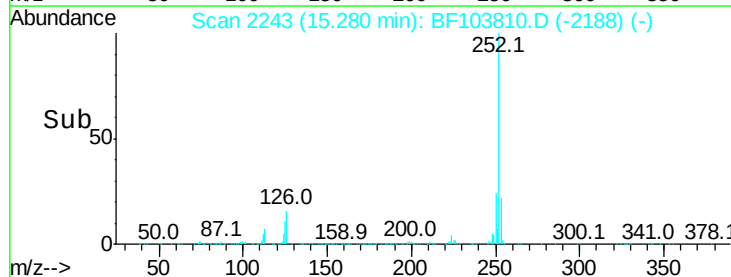
125 11.4 10.2 15.2

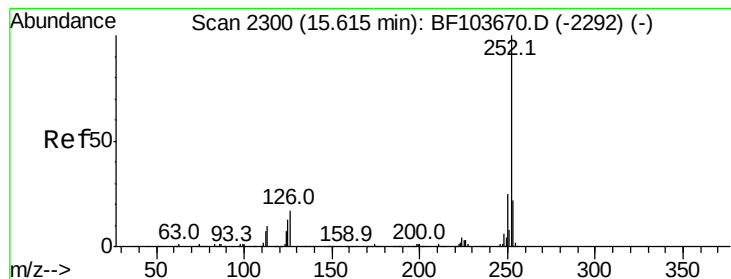


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.598 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.02 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

Instrument :

BNA_F

ClientSampleId :

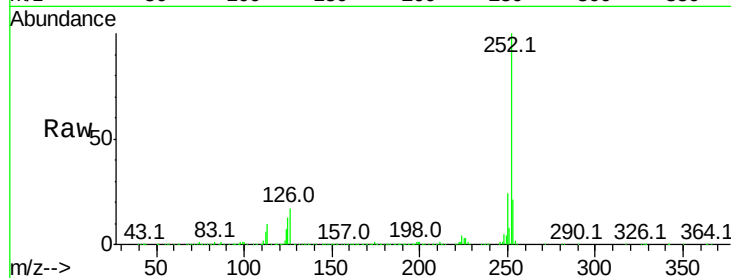
Tot Ion:252 Resp: 657262

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

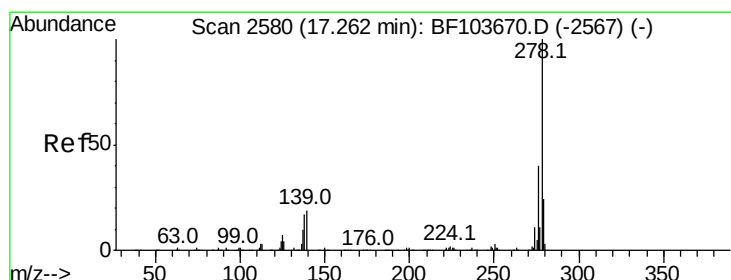
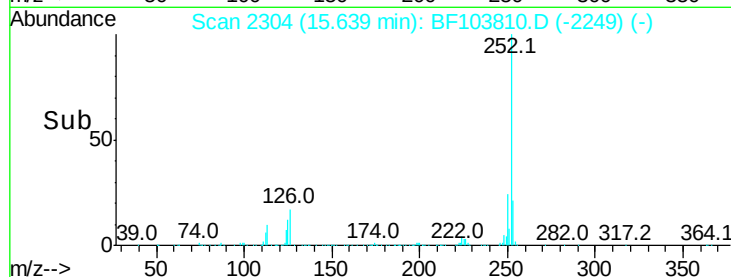
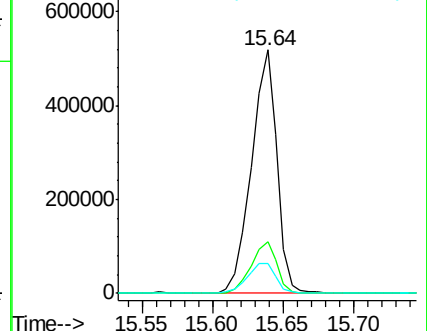
125 12.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.694 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.04 min

Lab File: BF103810.D

Acq: 20 Mar 2018 18:51

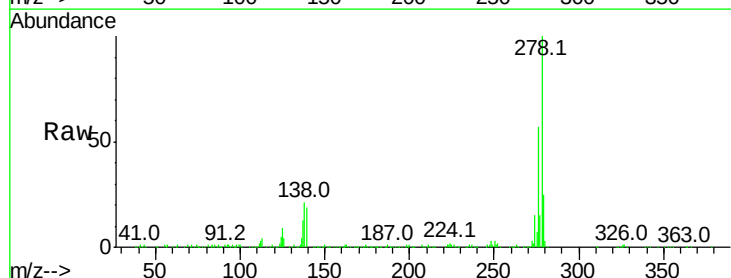
Tgt Ion:278 Resp: 557053

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

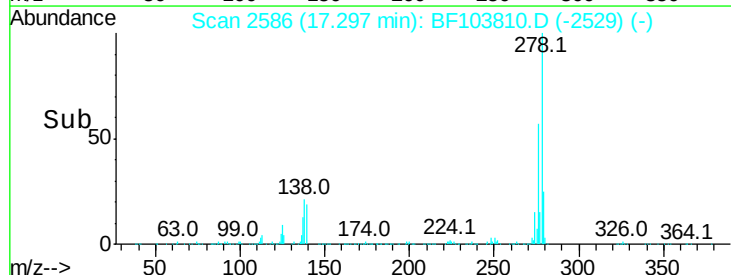
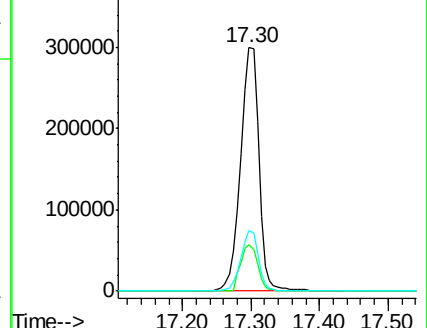
279 24.8 19.0 28.4

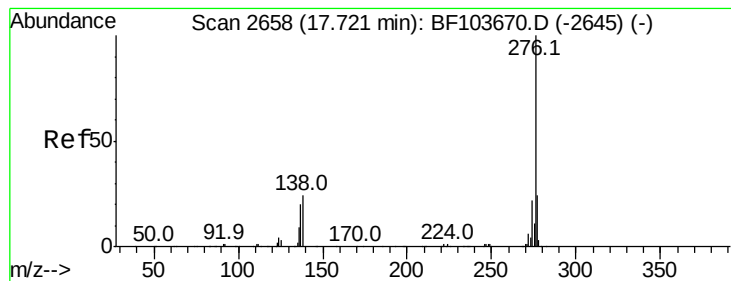


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

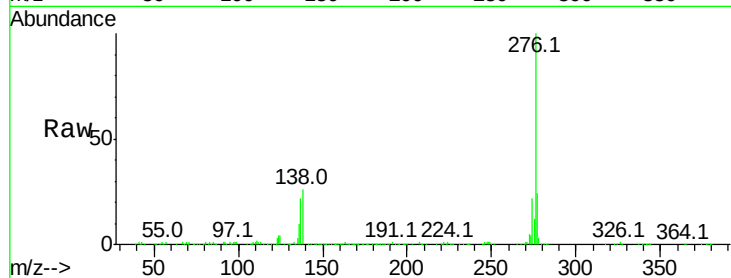




#91
 Benzo(a,h,i)perylene
 Concen: 39.427 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.04 min
 Lab File: BF103810.D
 Acq: 20 Mar 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 512461
 Ion Ratio Lower Upper
 276 100
 277 23.6 17.9 26.9
 138 26.1 21.8 32.8



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

