

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103198.D
 Acq On : 23 Feb 2018 14:38
 Operator : SJ/JU
 Sample : J1161-08
 Misc : L00-S-20ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 16:47:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172443	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	757432	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	355848	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	587628	20.00	ng	0.00
75) Chrysene-d12	14.08	240	427547	20.00	ng	0.03
86) Perylene-d12	15.63	264	410436	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1397693	122.59	ng	0.00
7) Phenol-d6	6.51	99	1699402	121.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	1354167	102.10	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	365597	121.38	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1898747	94.32	ng	0.00
78) Terphenyl-d14	12.99	244	1543409	86.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	113904	18.915	ng	92
3) Pyridine	3.47	79	308911	19.215	ng	97
4) n-Nitrosodimethylamine	3.36	42	128277	19.784	ng	98
6) Aniline	6.54	93	415436	20.632	ng	96
8) 2-Chlorophenol	6.66	128	231089	19.510	ng	94
9) Benzaldehyde	6.43	77	145319	14.171	ng	99
10) Phenol	6.52	94	321079	19.824	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	254494	20.703	ng	96
12) 1,3-Dichlorobenzene	6.81	146	272381	20.123	ng	98
13) 1,4-Dichlorobenzene	6.89	146	276839	20.400	ng	99
14) 1,2-Dichlorobenzene	7.04	146	250323	20.005	ng	99
15) Benzyl Alcohol	7.01	79	226753	21.568	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	436805	20.693	ng	99
17) 2-Methylphenol	7.12	107	219413	20.384	ng	97
18) Hexachloroethane	7.38	117	100966	20.438	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	191856	22.095	ng	97
20) 3+4-Methylphenols	7.27	107	268009	20.426	ng	# 66
22) Acetophenone	7.28	105	363608	20.566	ng	# 91
24) Nitrobenzene	7.46	77	287553	19.692	ng	99
25) Isophorone	7.69	82	516911	19.789	ng	96
26) 2-Nitrophenol	7.77	139	139729	20.326	ng	94
27) 2,4-Dimethylphenol	7.80	122	197796	18.824	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	312385	20.340	ng	99
29) 2,4-Dichlorophenol	8.01	162	197015	19.584	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	215015	20.070	ng	99
31) Naphthalene	8.17	128	752892	20.303	ng	99
32) Benzoic acid	7.92	122	148684	23.239	ng	97
33) 4-Chloroaniline	8.22	127	320106	20.004	ng	96
34) Hexachlorobutadiene	8.29	225	111190	19.931	ng	98
35) Caprolactam	8.59	113	69785	19.737	ng	# 84
36) 4-Chloro-3-methylphenol	8.70	107	224217	19.760	ng	96
37) 2-Methylnaphthalene	8.87	142	494023	20.614	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	193189	19.859	ng	98
40) Hexachlorocyclopentadiene	9.02	237	38662	18.905	ng	99

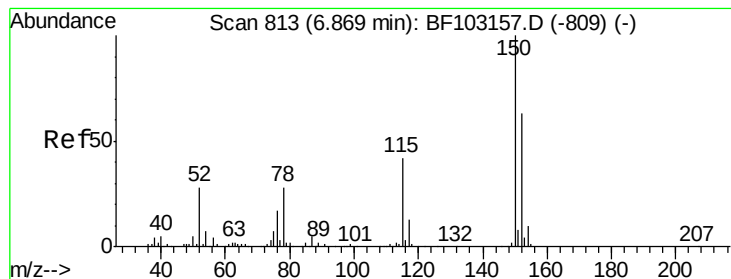
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	125677	19.199	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	138466	18.392	ng	97
45) 1,1'-Biphenyl	9.33	154	600033	20.123	ng	98
46) 2-Chloronaphthalene	9.36	162	466660	19.782	ng	99
47) 2-Nitroaniline	9.45	65	171364	19.611	ng	85
48) Acenaphthylene	9.77	152	734957	20.249	ng	99
49) Dimethylphthalate	9.63	163	549359	19.244	ng	100
50) 2,6-Dinitrotoluene	9.69	165	116612	19.466	ng	# 89
51) Acenaphthene	9.95	154	417961	19.748	ng	99
52) 3-Nitroaniline	9.86	138	142470	18.745	ng	94
53) 2,4-Dinitrophenol	9.98	184	31202	22.306	ng	# 20
54) Dibenzofuran	10.12	168	604117	20.793	ng	99
55) 4-Nitrophenol	10.03	139	81993	17.406	ng	93
56) 2,4-Dinitrotoluene	10.10	165	152979	20.191	ng	91
57) Fluorene	10.46	166	475483	19.212	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	97601	19.298	ng	95
59) Diethylphthalate	10.32	149	540854	19.810	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	209656	19.976	ng	97
61) 4-Nitroaniline	10.48	138	142819	18.813	ng	92
62) Azobenzene	10.61	77	562170	20.229	ng	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	64368	21.093	ng	87
65) n-Nitrosodiphenylamine	10.57	169	419219	20.489	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	123313	20.145	ng	95
67) Hexachlorobenzene	11.01	284	134876	20.300	ng	92
68) Atrazine	11.09	200	117135	19.047	ng	99
69) Pentachlorophenol	11.20	266	61019	18.994	ng	97
70) Phenanthrene	11.42	178	653893	20.220	ng	98
71) Anthracene	11.47	178	671017	20.235	ng	99
72) Carbazole	11.63	167	658679	19.946	ng	100
73) Di-n-butylphthalate	11.95	149	840033	20.329	ng	100
74) Fluoranthene	12.62	202	641644	19.745	ng	99
76) Benzidine	12.73	184	206425	12.915	ng	# 94
77) Pyrene	12.84	202	671598	20.147	ng	99
79) Butylbenzylphthalate	13.46	149	345046	19.592	ng	100
80) Benzo(a)anthracene	14.07	228	541943	19.536	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	180522	18.234	ng	97
82) Chrysene	14.11	228	536312	19.911	ng	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	490870	20.654	ng	100
84) Di-n-octyl phthalate	14.71	149	756762	19.708	ng	98
85) Indeno(1,2,3-cd)pyrene	17.14	276	449494	21.079	ng	97
87) Benzo(b)fluoranthene	15.19	252	496651	18.404	ng	99
88) Benzo(k)fluoranthene	15.22	252	505253	19.883	ng	99
89) Benzo(a)pyrene	15.56	252	468385	19.436	ng	# 97
90) Dibenzo(a,h)anthracene	17.16	278	374262	20.099	ng	99
91) Benzo(g,h,i)perylene	17.60	276	373519	20.524	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

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BNA_F

ClientSampleId :

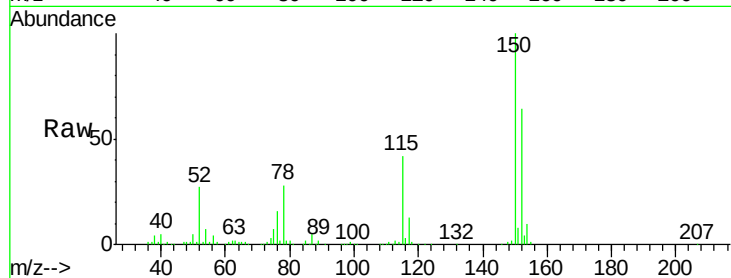
Tot Ion:152 Resp: 172443

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

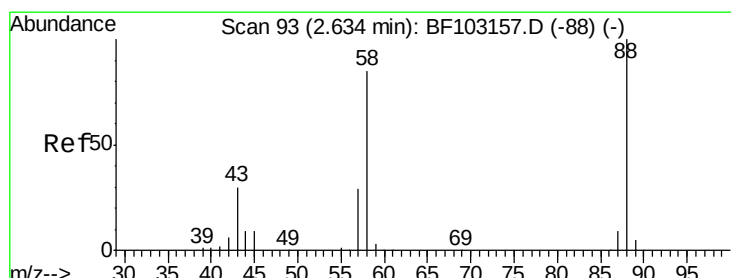
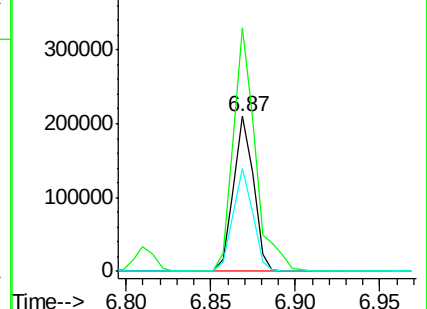
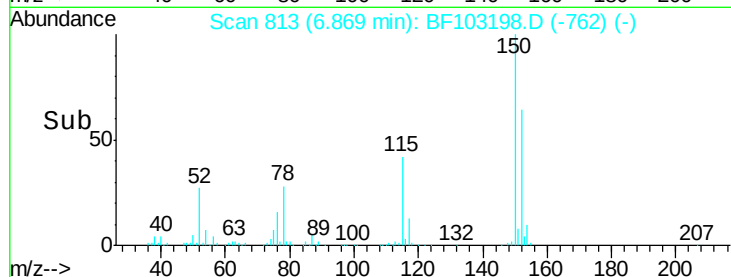
115 66.0 50.1 75.1



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



#2

1,4-Dioxane

Concen: 18.915 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

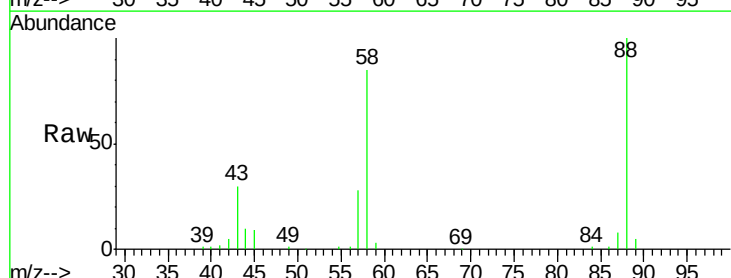
Tgt Ion: 88 Resp: 113904

Ion Ratio Lower Upper

88 100

58 86.5 62.6 93.8

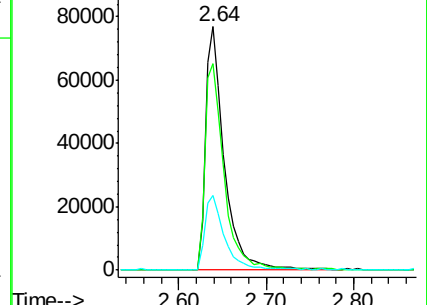
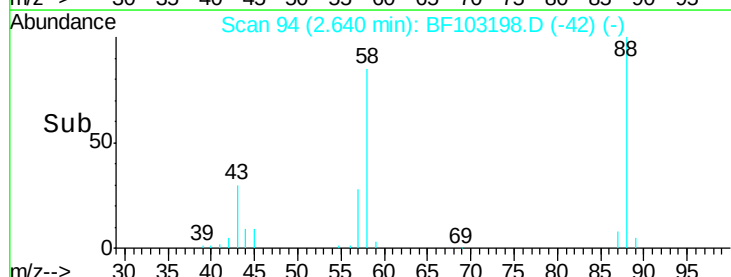
43 32.4 24.6 37.0

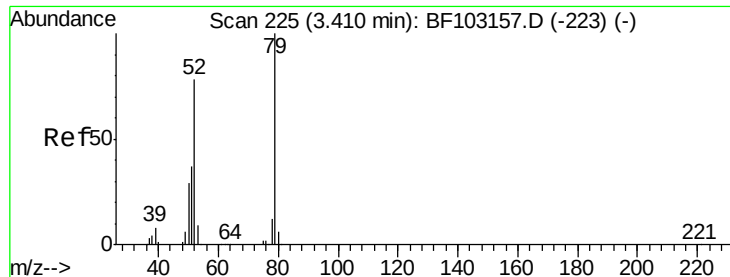


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.215 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

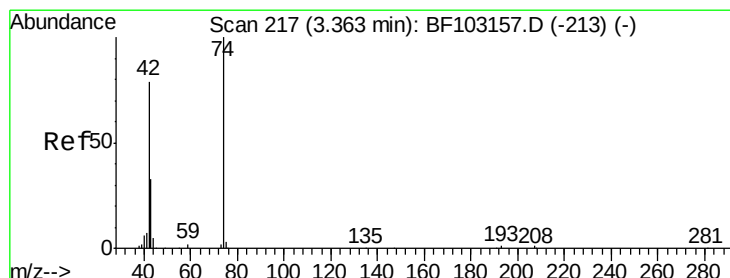
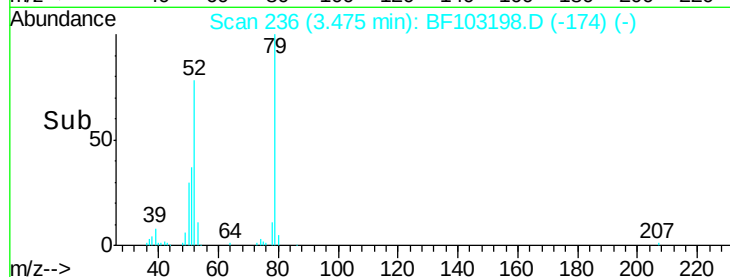
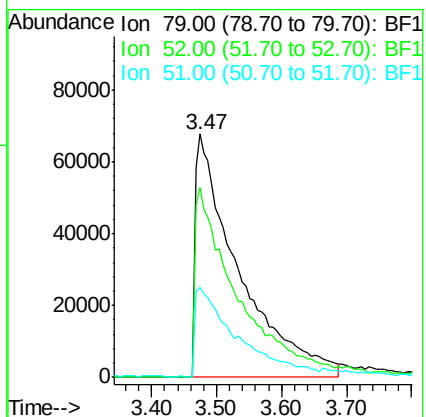
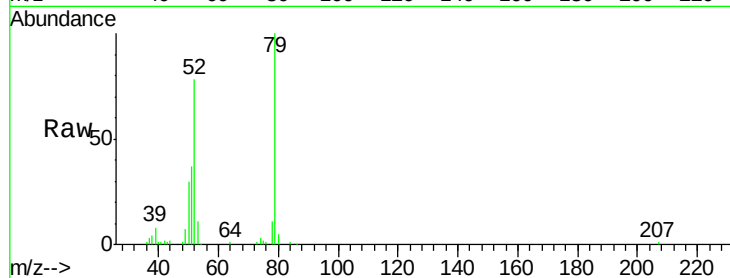
Tot Ion: 79 Resp: 308911

Ion Ratio Lower Upper

79 100

52 77.7 59.8 89.6

51 36.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 19.784 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

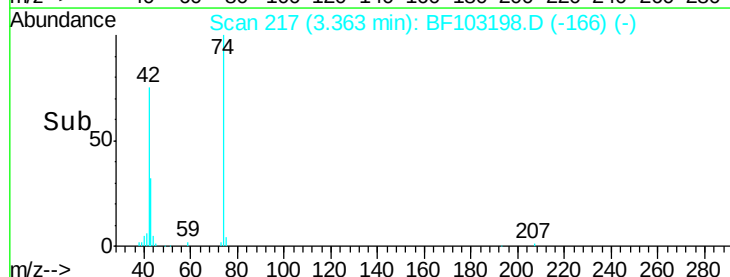
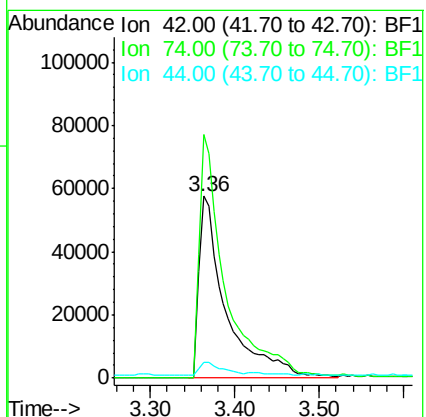
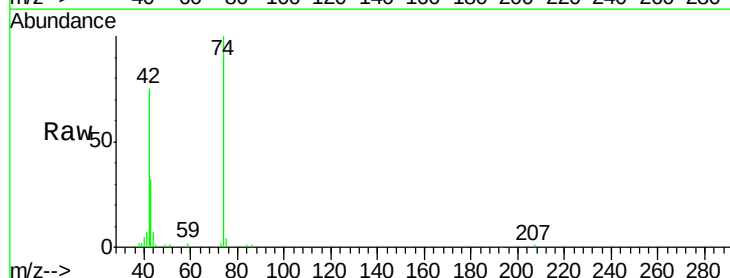
Tgt Ion: 42 Resp: 128277

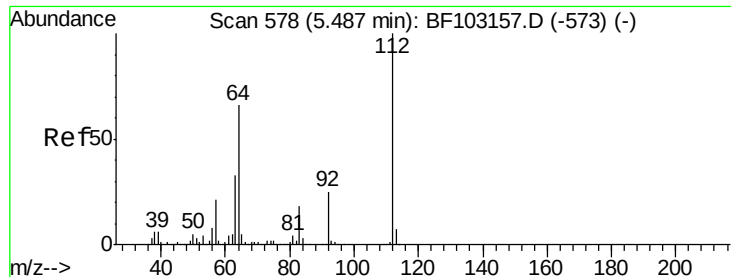
Ion Ratio Lower Upper

42 100

74 133.7 104.9 157.3

44 9.0 6.9 10.3





#5

2-Fluorophenol

Concen: 122.586 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

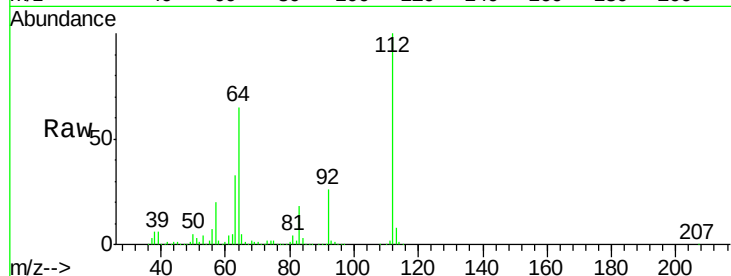
Tot Ion:112 Resp: 1397693

Ion Ratio Lower Upper

112 100

64 64.5 47.9 71.9

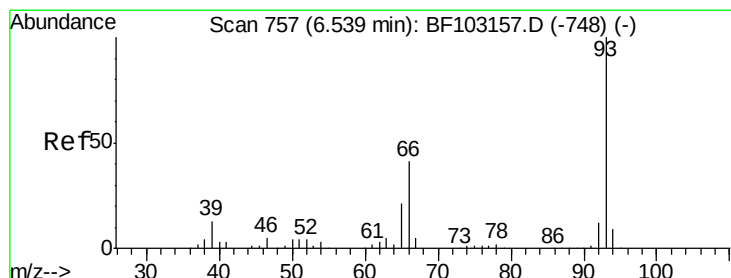
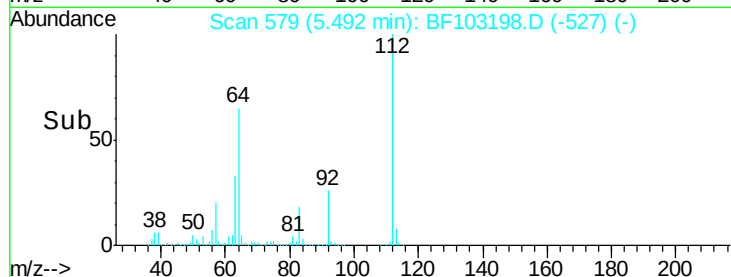
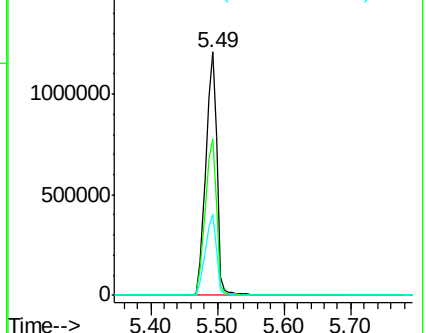
63 33.3 23.7 35.5



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: 20.632 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

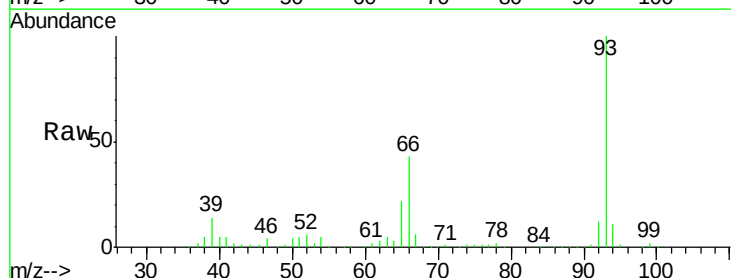
Tgt Ion: 93 Resp: 415436

Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

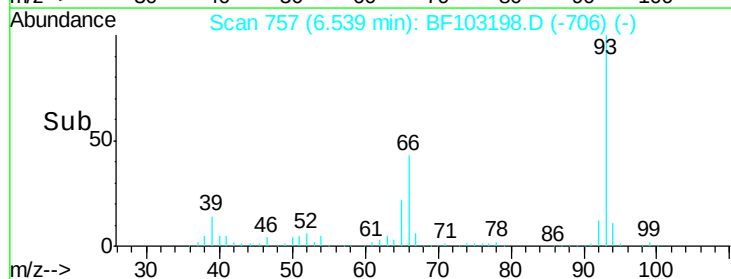
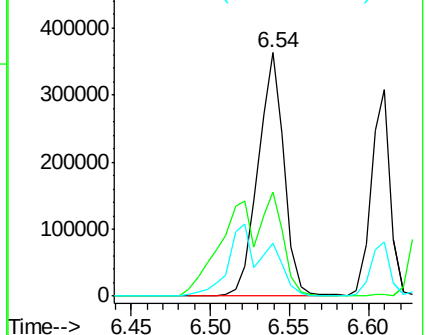
65 21.9 16.4 24.6

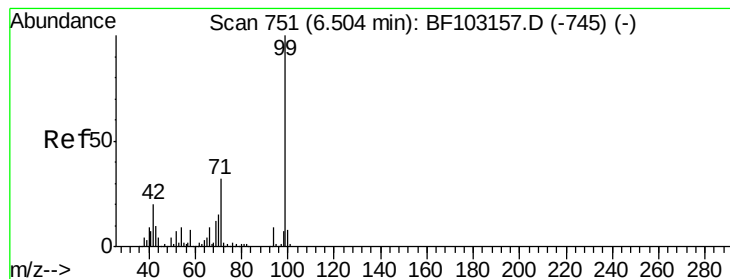


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.806 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

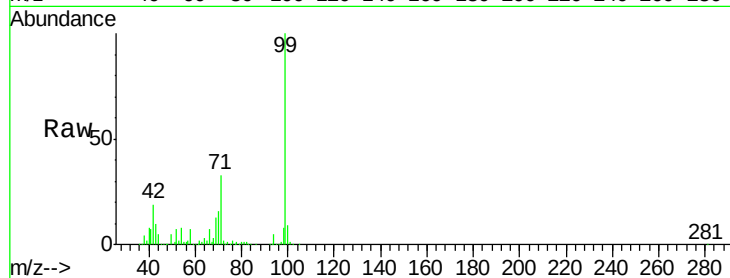
Tot Ion: 99 Resp: 1699402

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

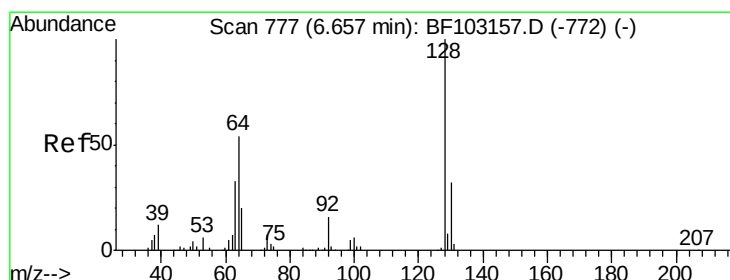
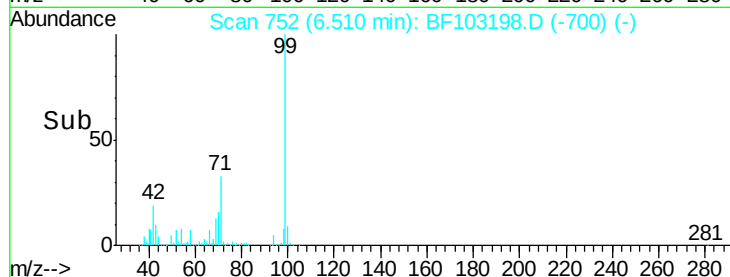
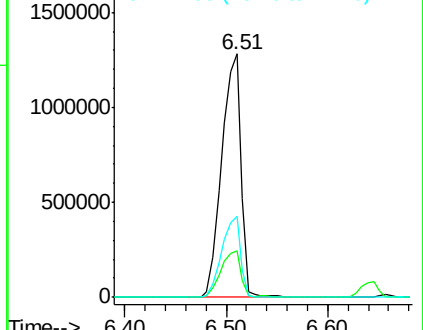
71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 19.510 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

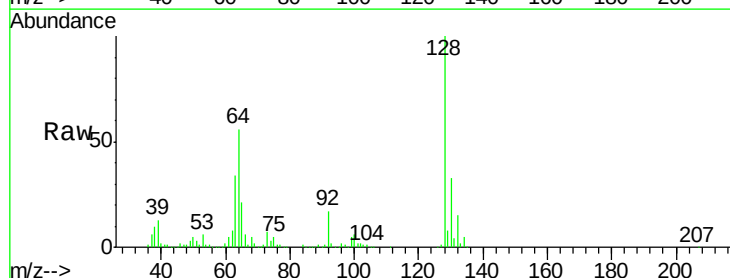
Tgt Ion:128 Resp: 231089

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

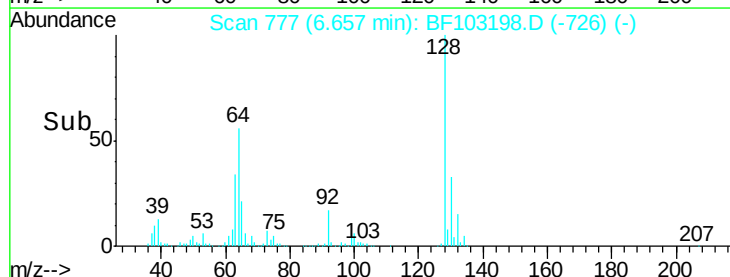
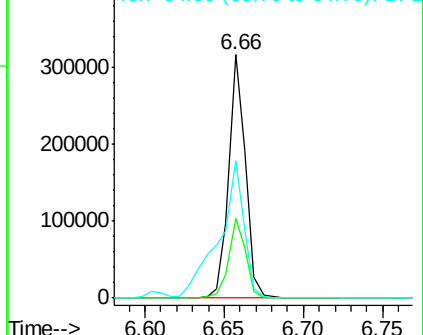
64 56.2 29.4 69.4

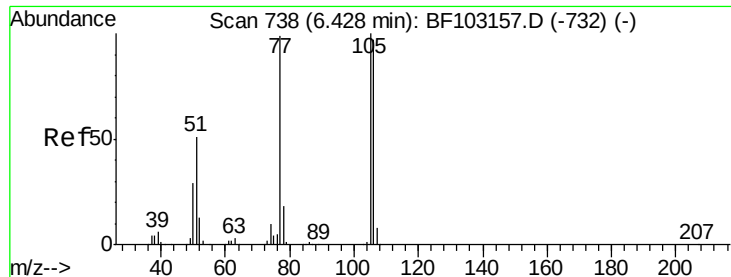


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.171 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

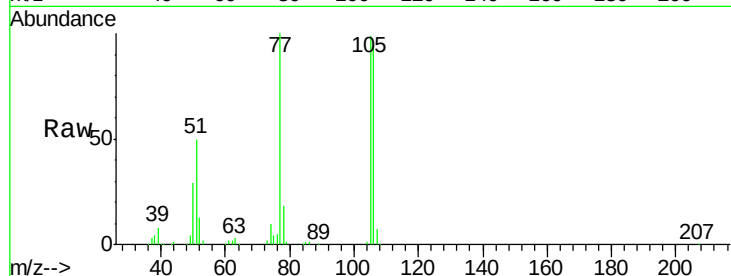
Tot Ion: 77 Resp: 145319

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

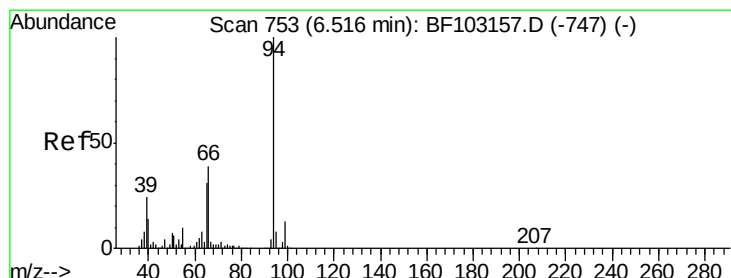
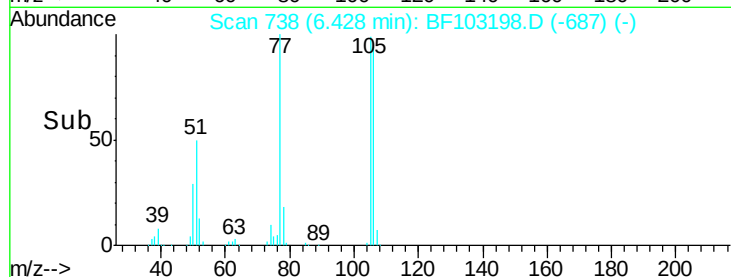
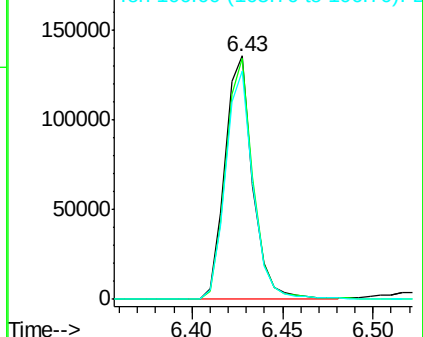
106 93.9 74.5 114.5



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: 19.824 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

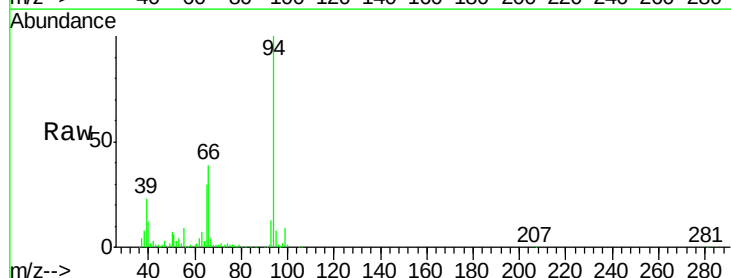
Tgt Ion: 94 Resp: 321079

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

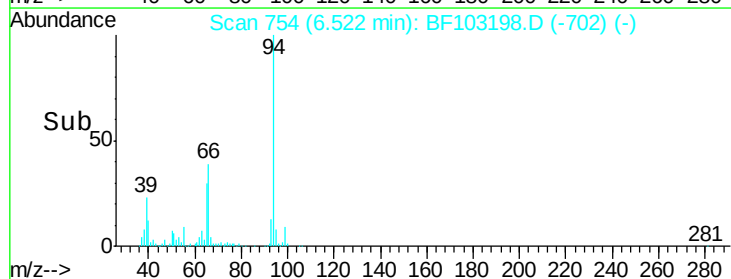
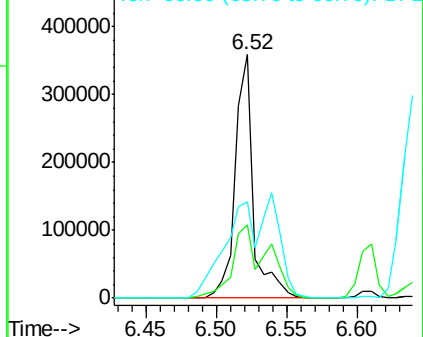
66 39.4 16.2 56.2

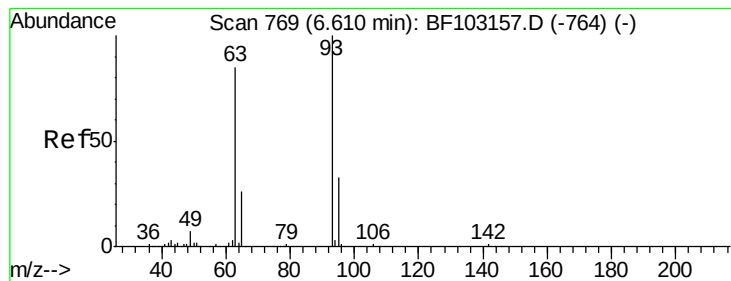


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

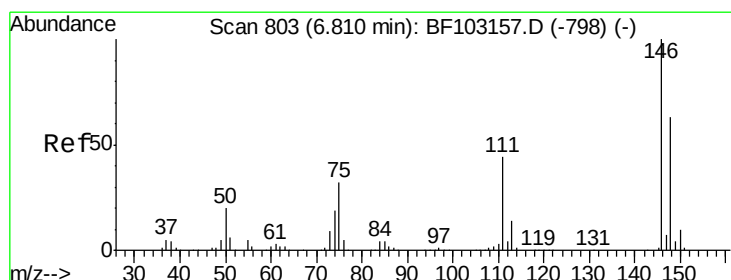
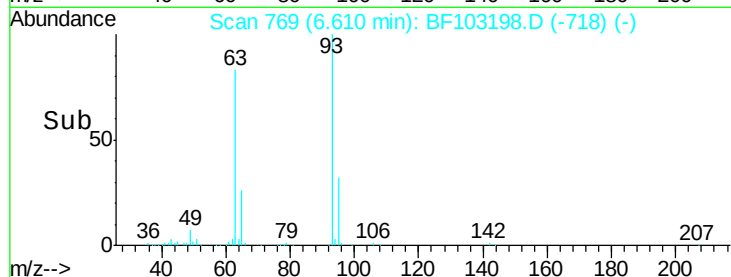
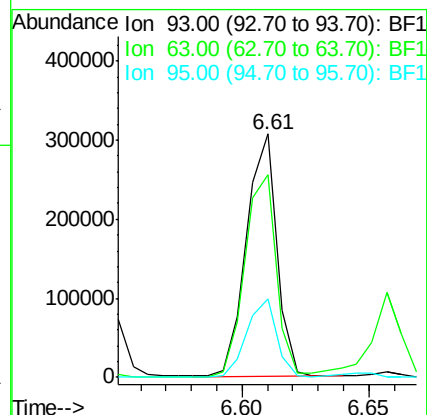
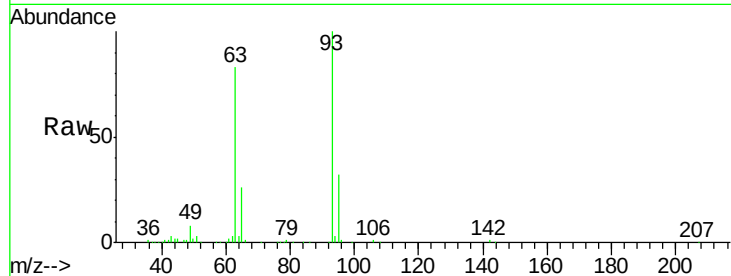




#11
bis(2-Chloroethyl)ether
Concen: 20.703 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

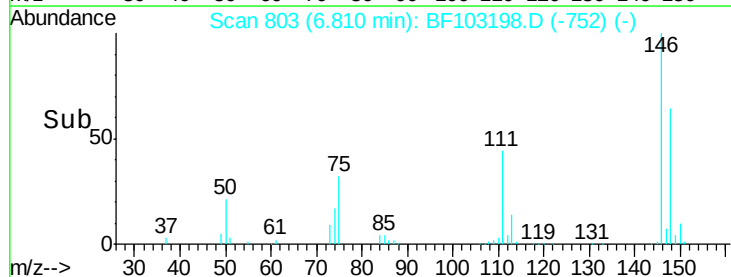
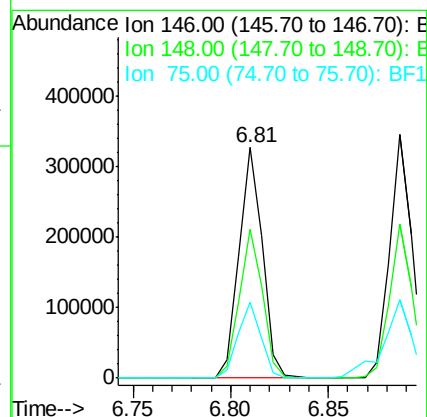
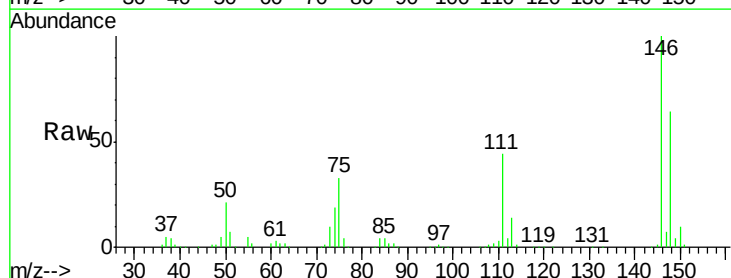
Instrument :
BNA_F
ClientSampleId :

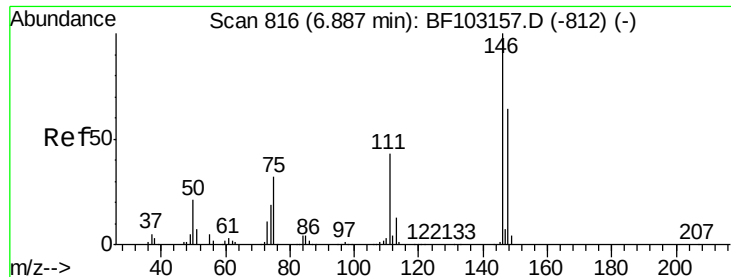
Tot Ion: 93 Resp: 254494
Ion Ratio Lower Upper
93 100
63 83.2 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 20.123 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion: 146 Resp: 272381
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 32.9 24.2 36.4

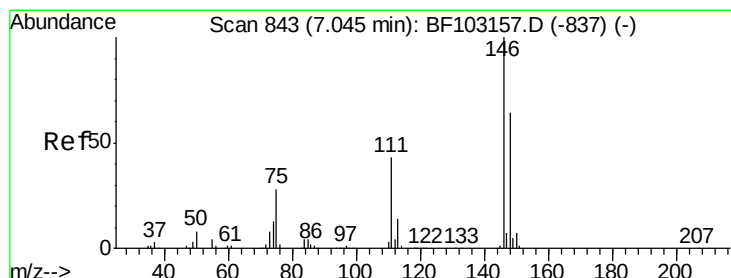
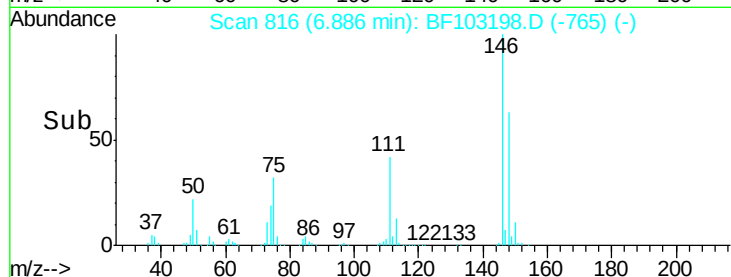
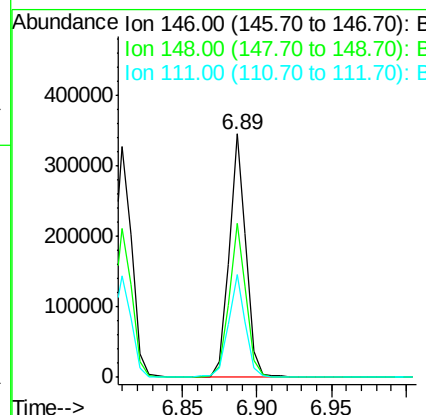
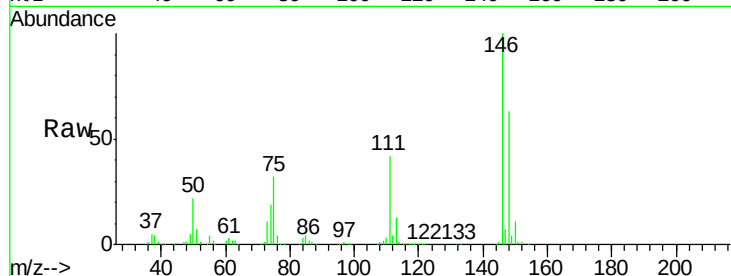




#13
 1,4-Dichlorobenzene
 Concen: 20.400 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

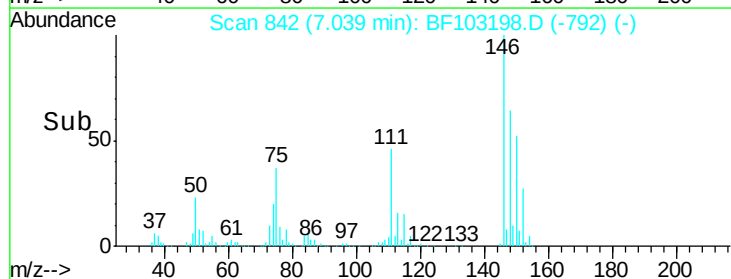
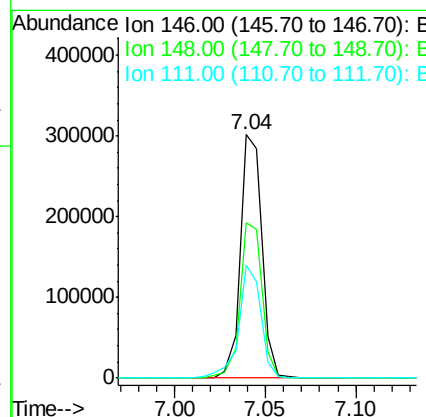
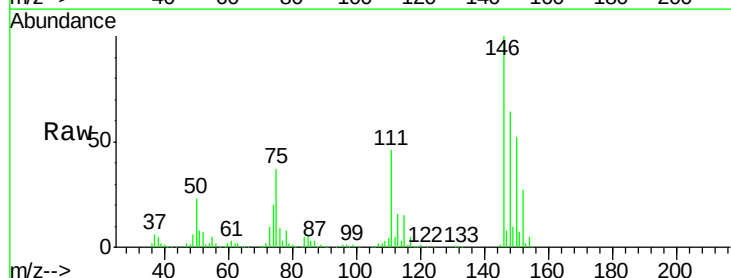
Instrument :
 BNA_F
 ClientSampled :

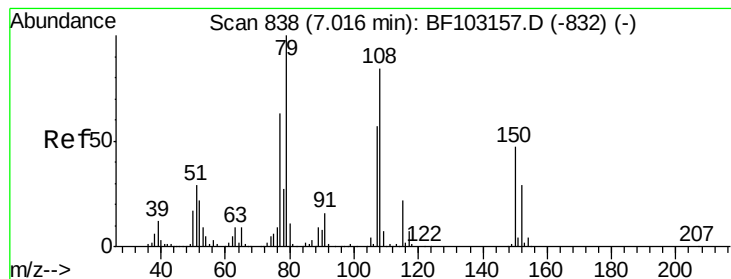
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 20.005 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	46.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 21.568 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

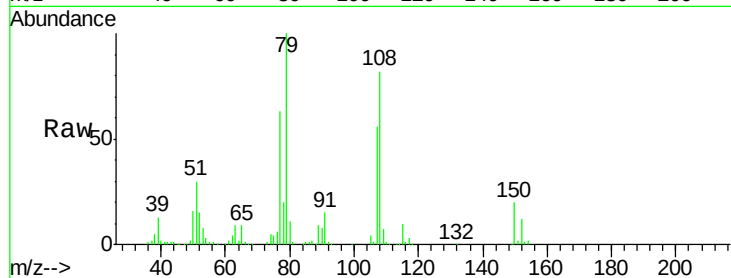
Tot Ion: 79 Resp: 226753

Ion Ratio Lower Upper

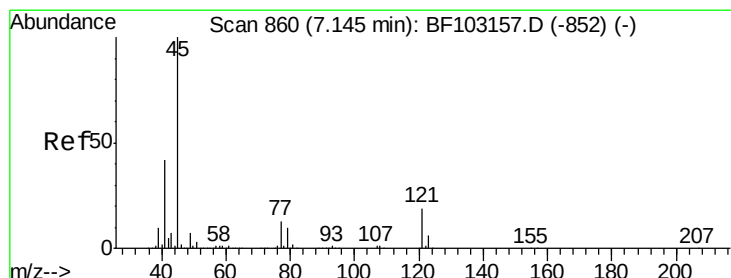
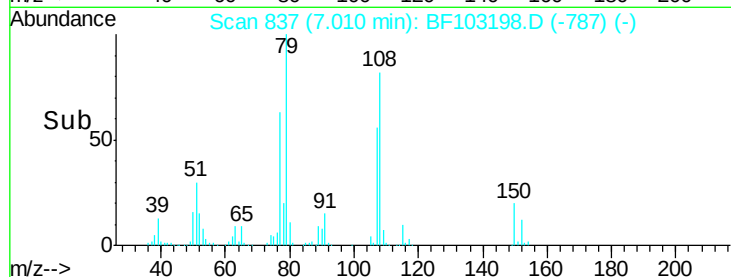
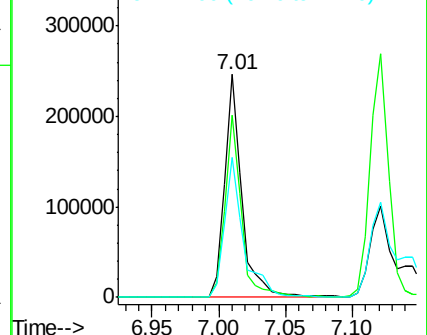
79 100

108 81.9 65.1 97.7

77 62.8 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.693 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

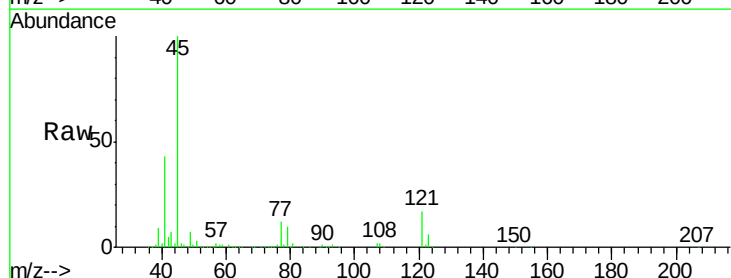
Tgt Ion: 45 Resp: 436805

Ion Ratio Lower Upper

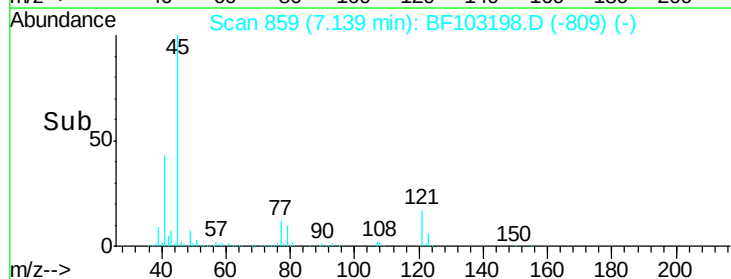
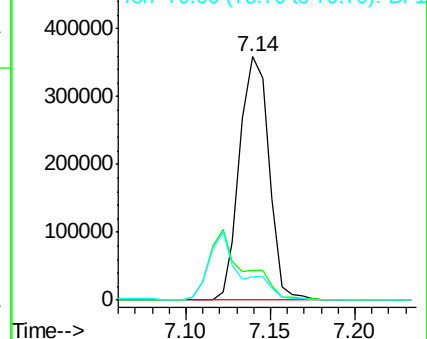
45 100

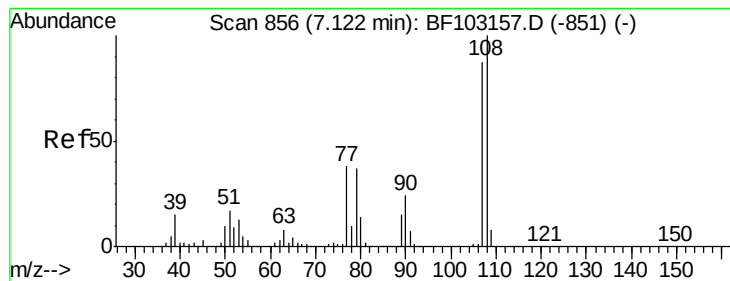
77 12.4 0.0 32.9

79 9.7 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

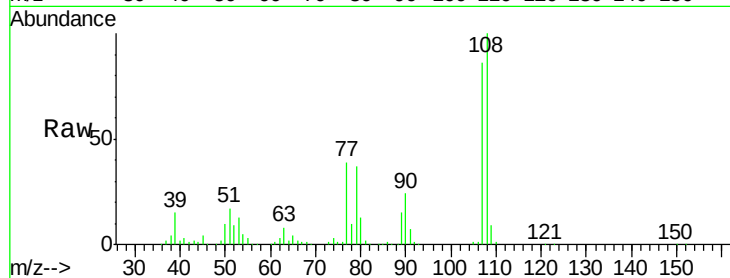




#17
2-Methylphenol
Concen: 20.384 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.9	91.7	137.5
77	45.5	33.8	50.8
79	43.7	33.8	50.8



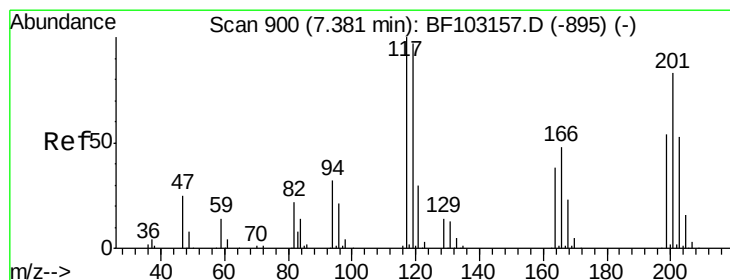
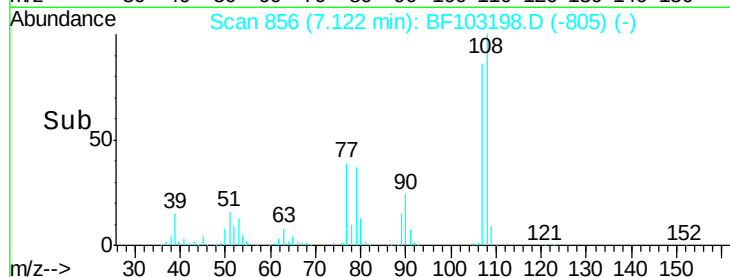
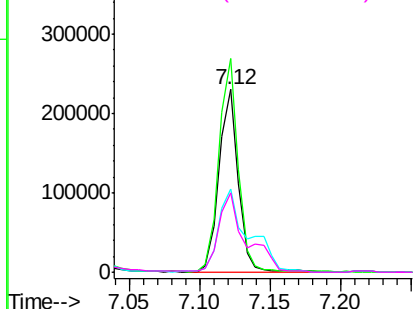
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

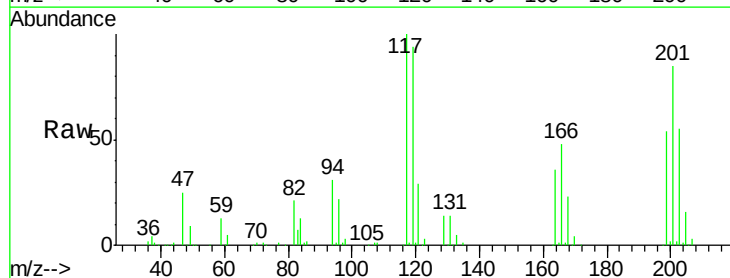
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 20.438 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	84.5	75.7	113.5

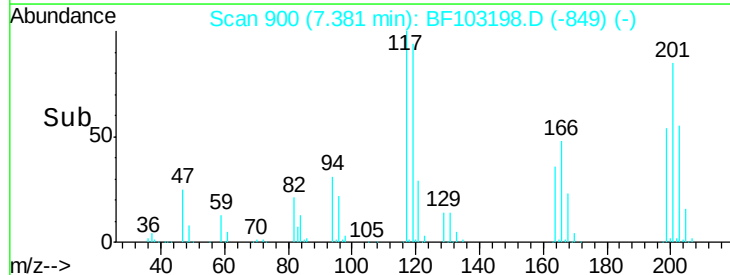
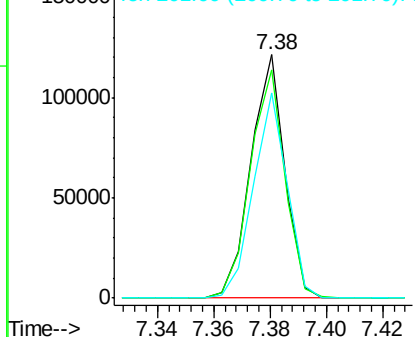


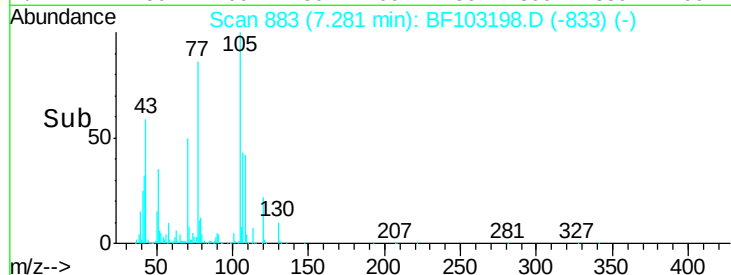
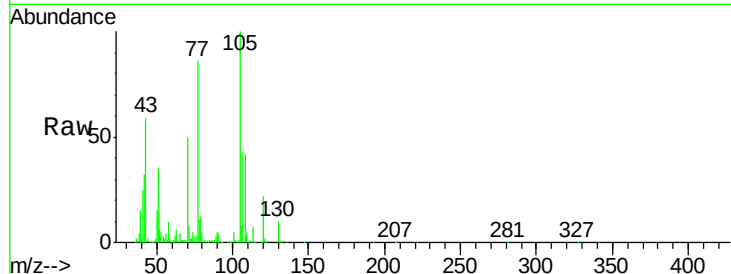
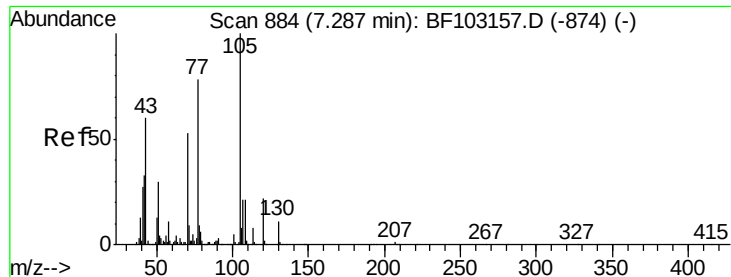
Abundance

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

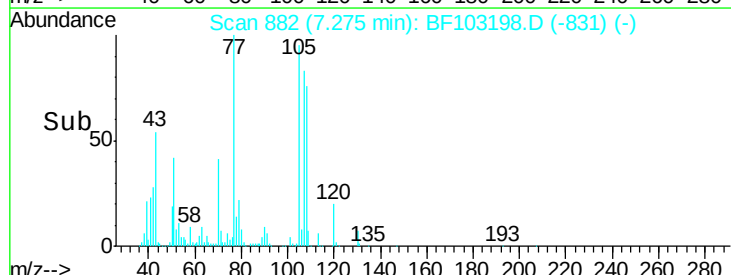
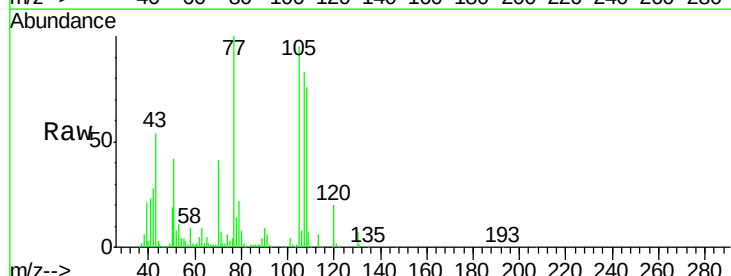
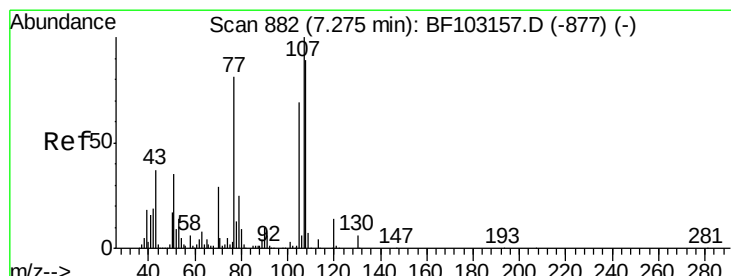
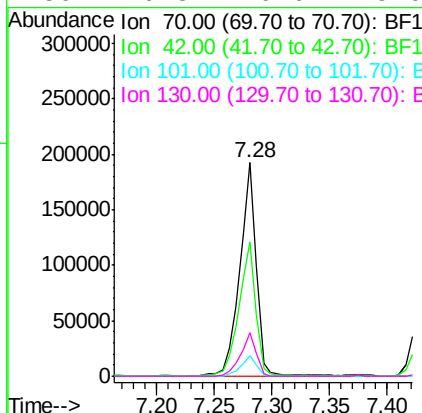




#19
n-Nitroso-di-n-propylamine
Concen: 22.095 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

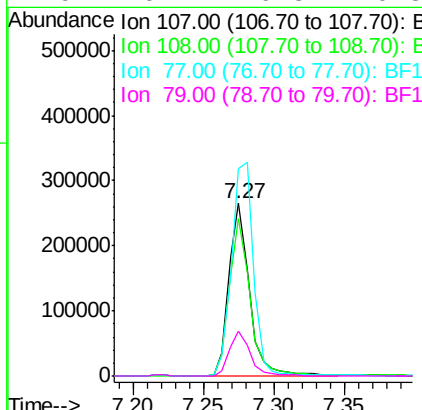
Instrument :
BNA_F
ClientSampled :

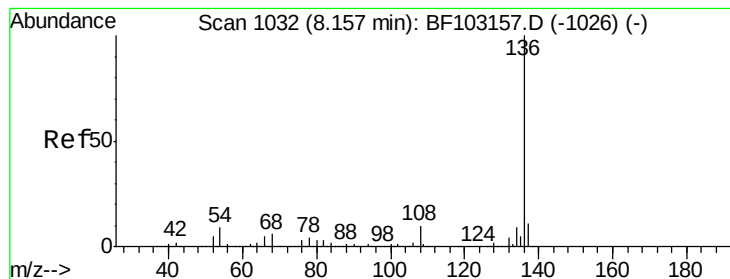
Tot Ion: 70 Resp: 191856
Ion Ratio Lower Upper
70 100
42 63.0 47.5 71.3
101 9.3 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 20.426 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:107 Resp: 268009
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 120.2 26.7 66.7#
79 26.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 757432

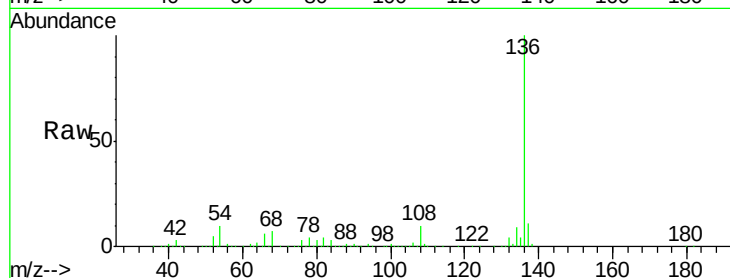
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.6 6.6 9.8

68 7.2 5.0 7.4

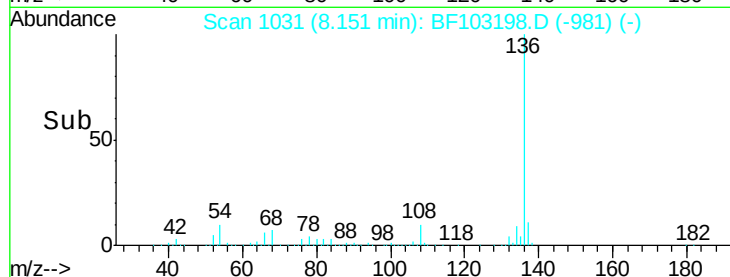


Abundance Ion 136.00 (135.70 to 136.70): E

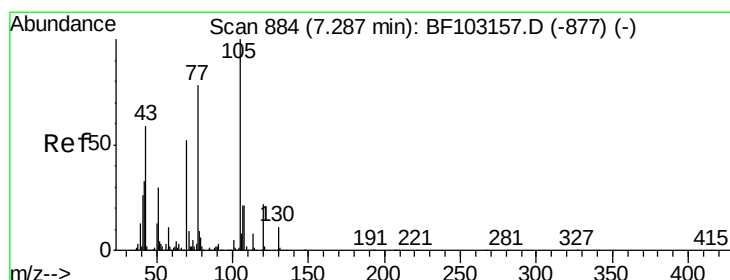
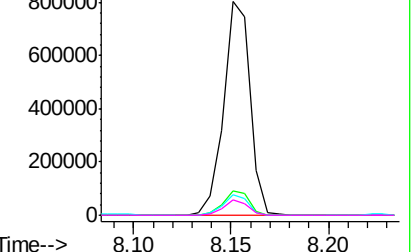
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 20.566 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Tgt Ion:105 Resp: 363608

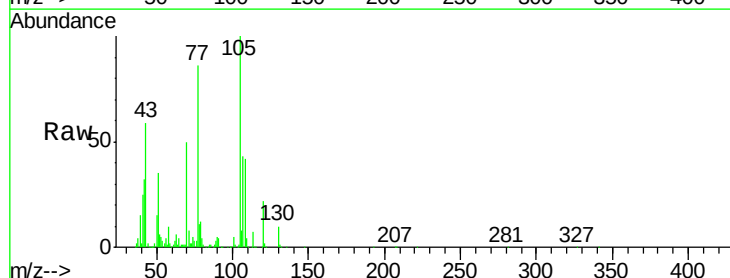
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 35.2 22.3 33.5#

120 22.2 16.9 25.3

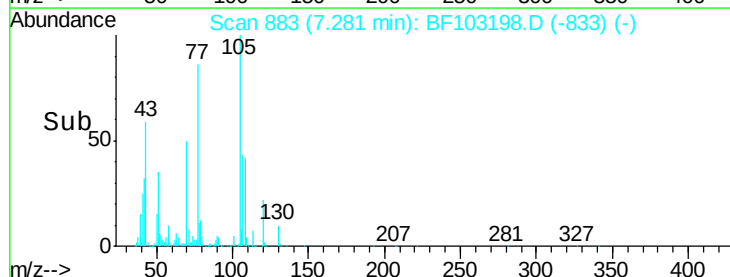


Abundance Ion 105.00 (104.70 to 105.70): E

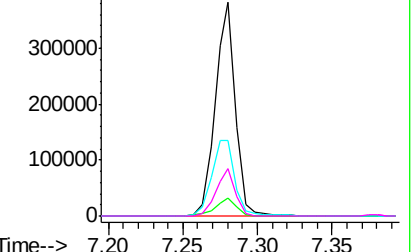
Ion 71.00 (70.70 to 71.70): BF1

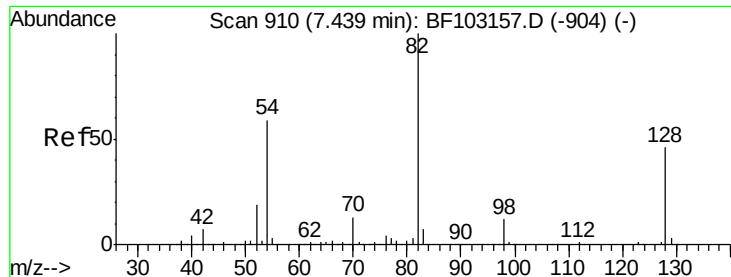
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



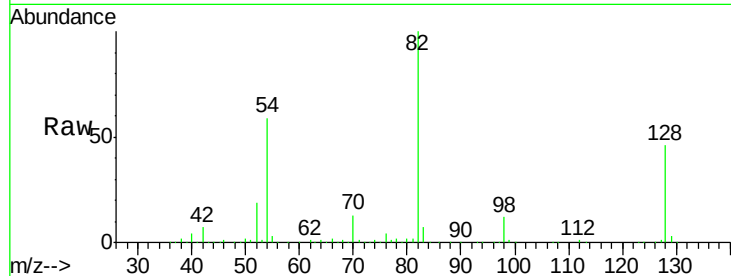


#23
 Nitrobenzene-d5
 Concen: 102.101 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

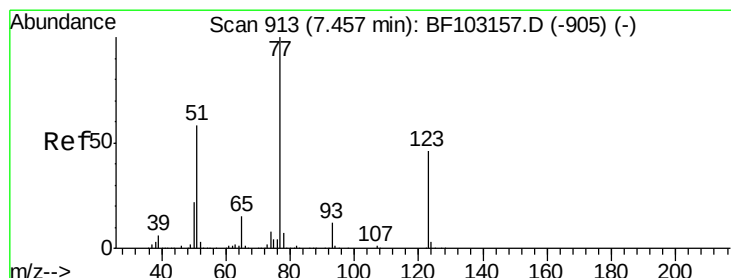
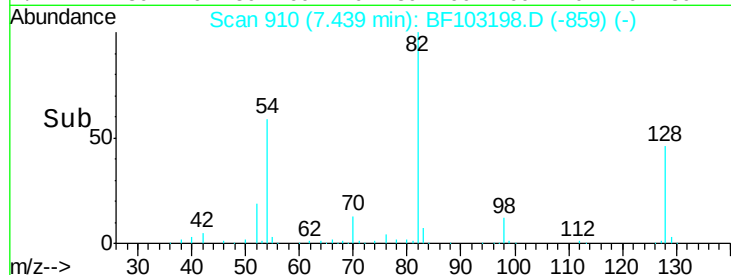
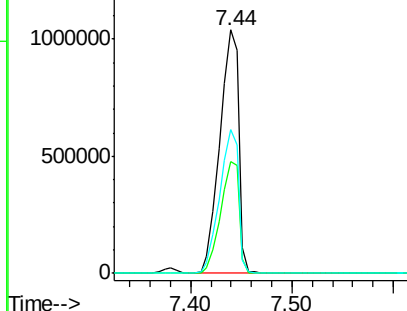
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1354167

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	59.3	41.4	62.2



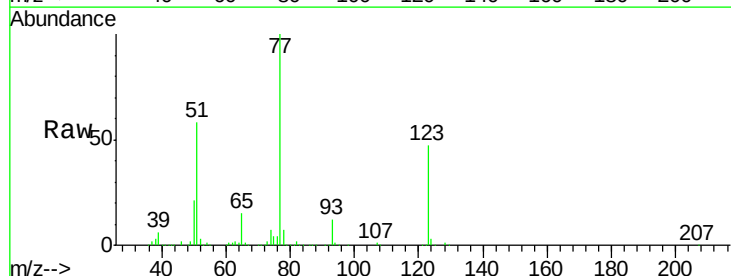
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



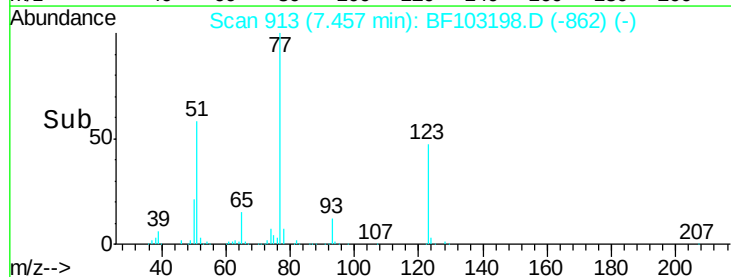
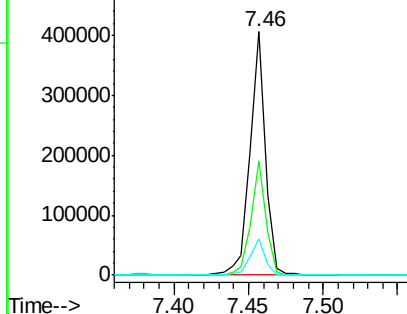
#24
 Nitrobenzene
 Concen: 19.692 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

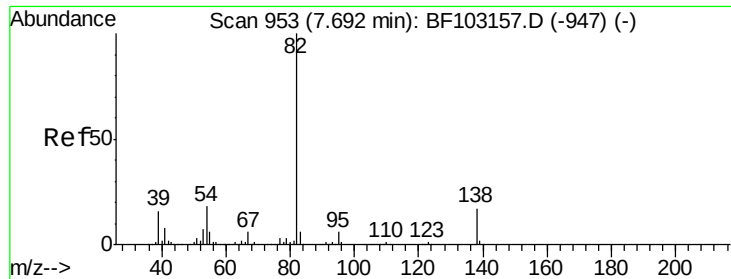
Tgt Ion: 77 Resp: 287553

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	14.6	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: 19.789 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

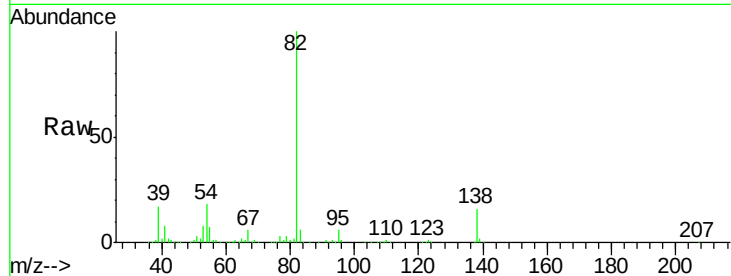
Tot Ion: 82 Resp: 516911

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

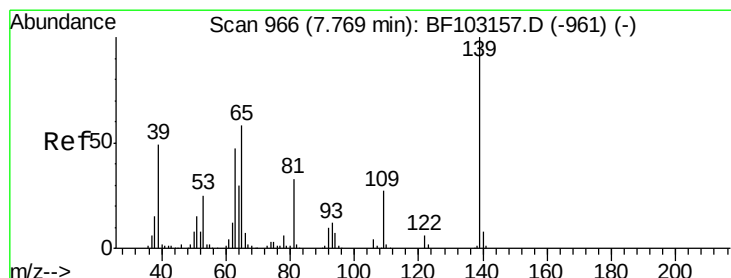
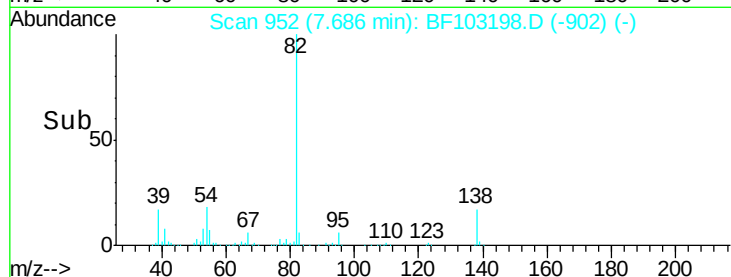
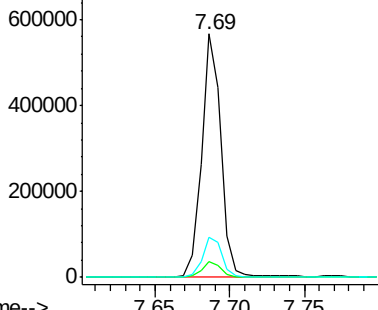
138 16.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 20.326 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

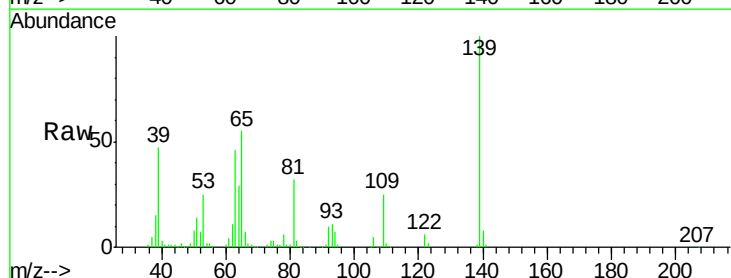
Tgt Ion: 139 Resp: 139729

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

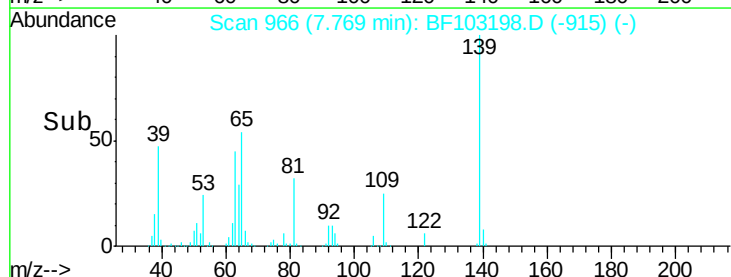
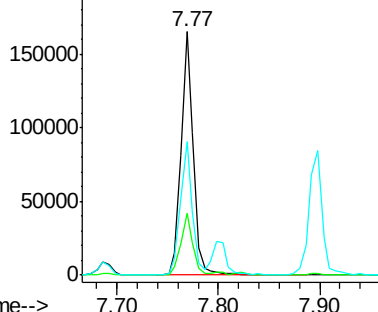
65 54.7 40.5 60.7

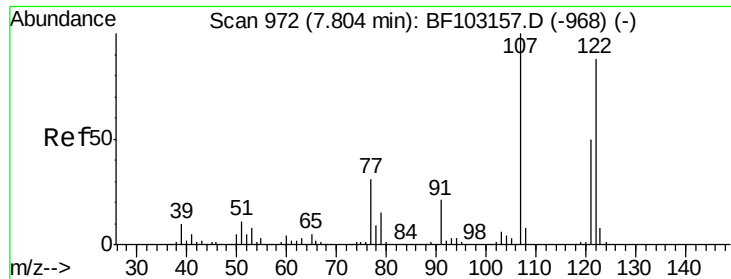


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

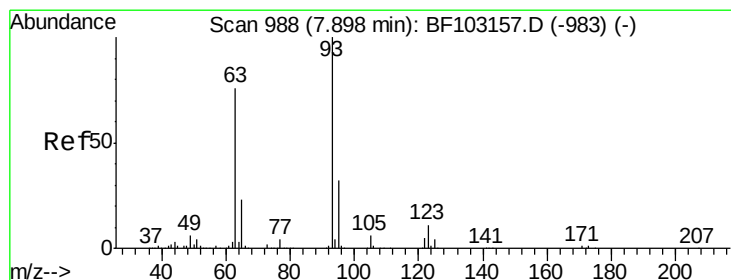
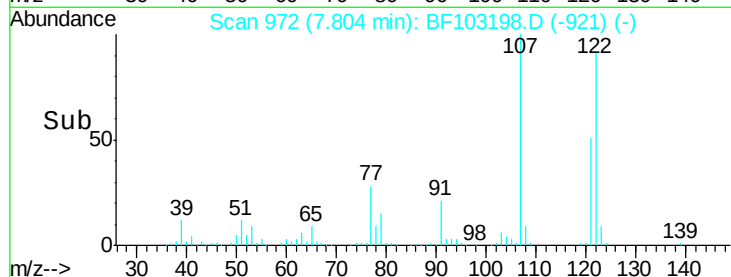
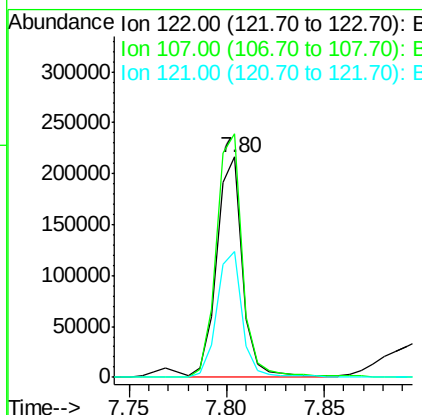
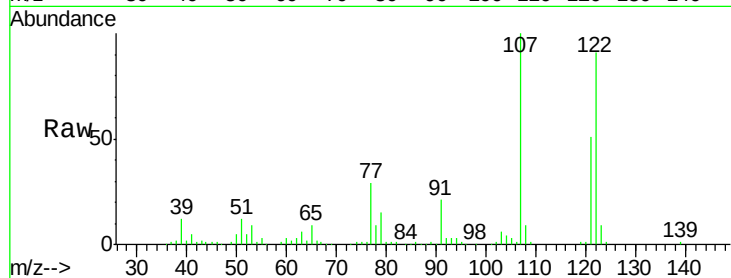




#27
 2,4-Dimethylphenol
 Concen: 18.824 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

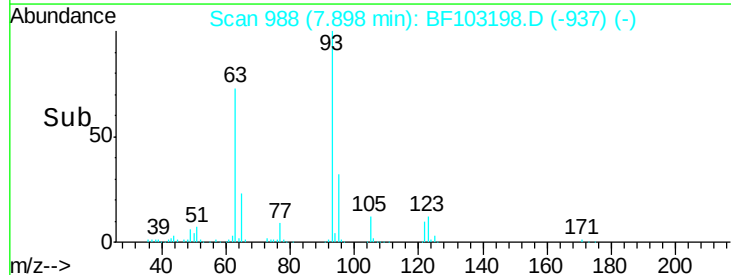
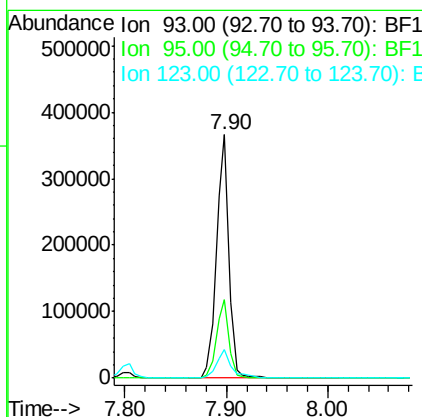
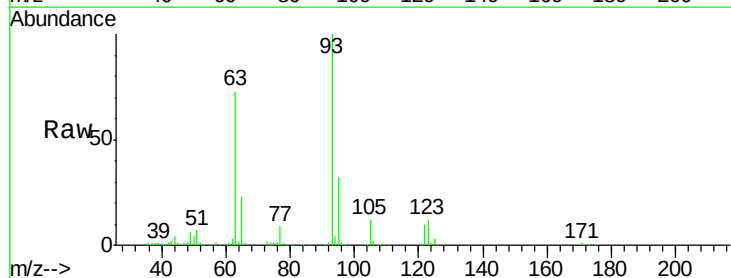
Instrument :
 BNA_F
 ClientSampleId :

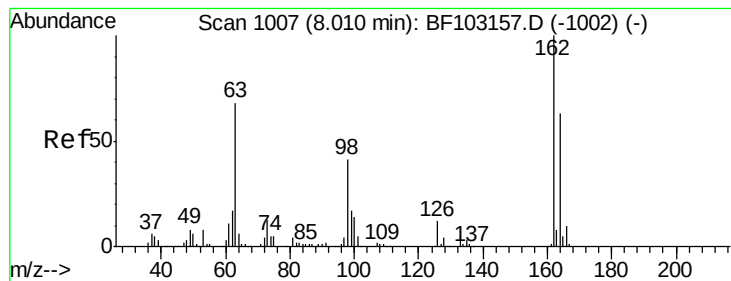
Tot Ion:122 Resp: 197796
 Ion Ratio Lower Upper
 122 100
 107 110.4 91.2 136.8
 121 56.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.340 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion: 93 Resp: 312385
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 19.584 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampled :

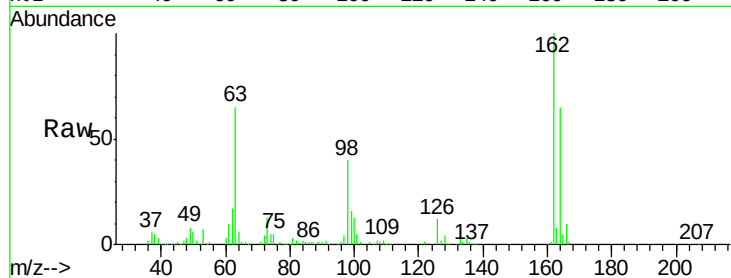
Tot Ion:162 Resp: 197015

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

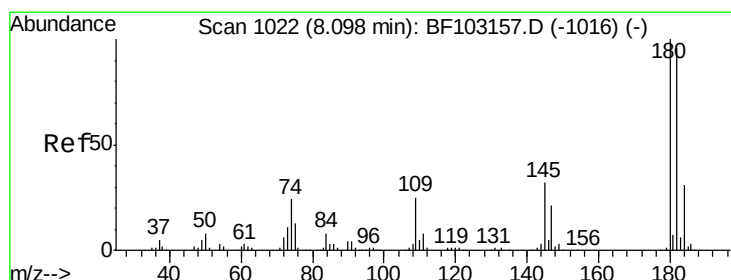
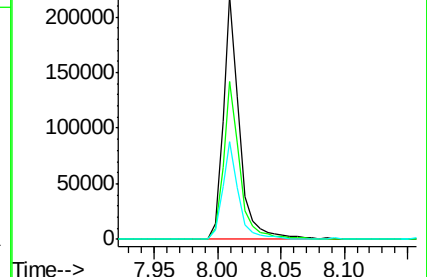
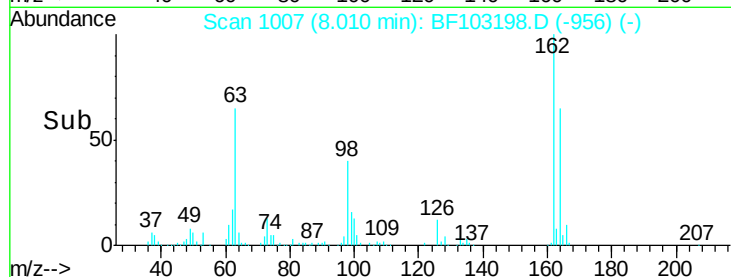
98 39.9 18.1 58.1



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: 20.070 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

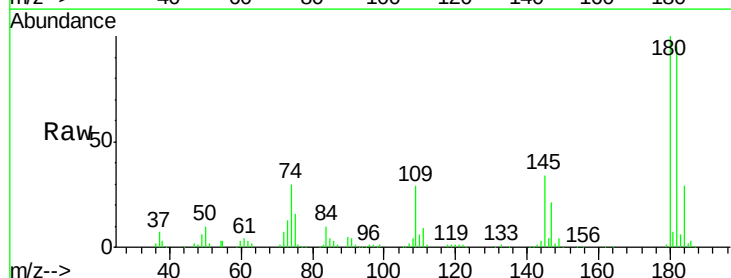
Tgt Ion:180 Resp: 215015

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

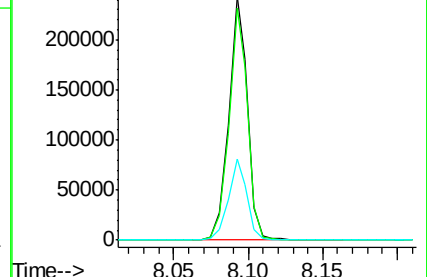
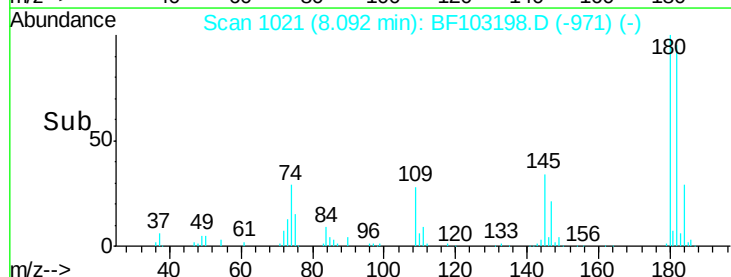
145 33.6 26.5 39.7

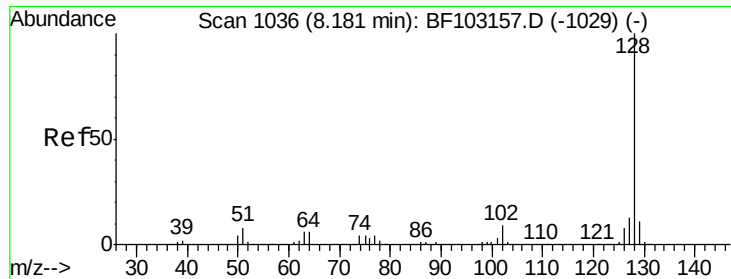


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

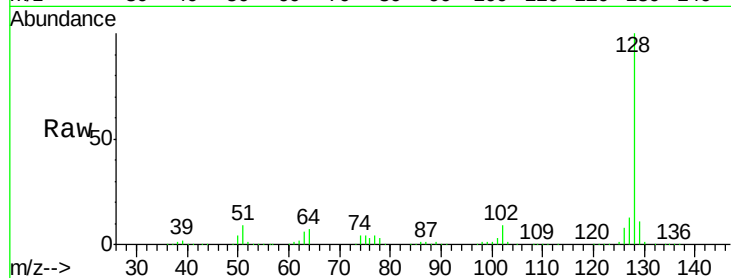




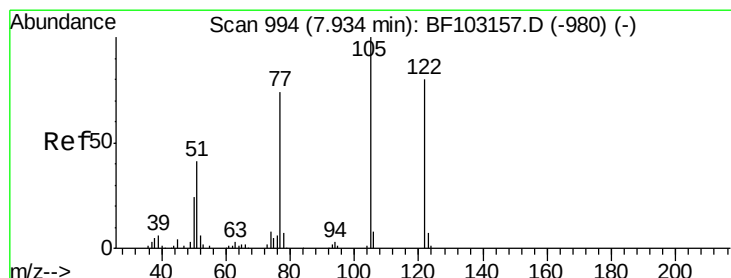
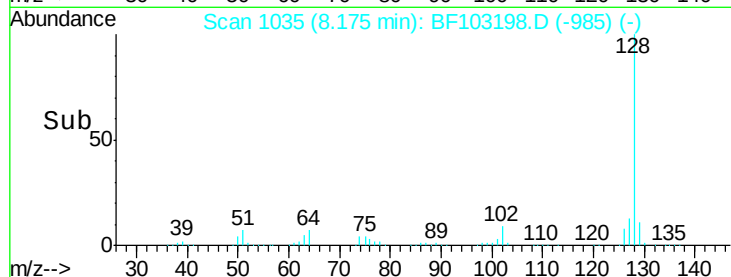
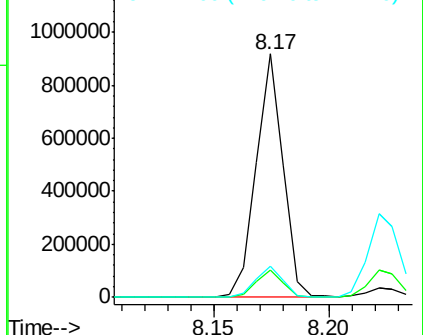
#31
Naphthalene
Concen: 20.303 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 752892
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.0 10.9 16.3

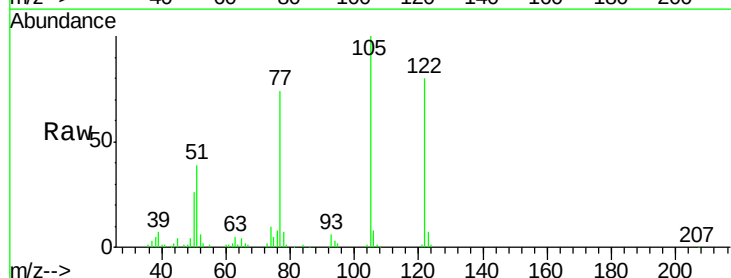


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

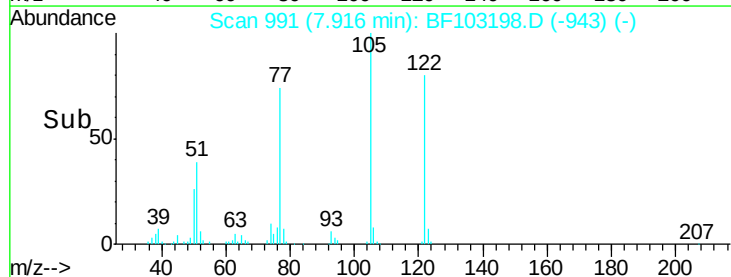
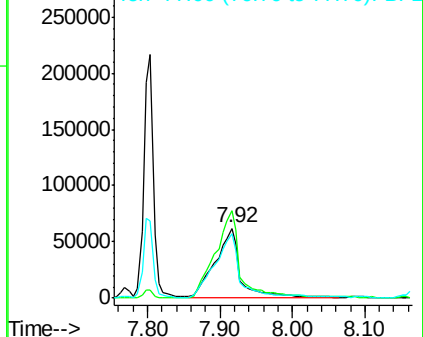


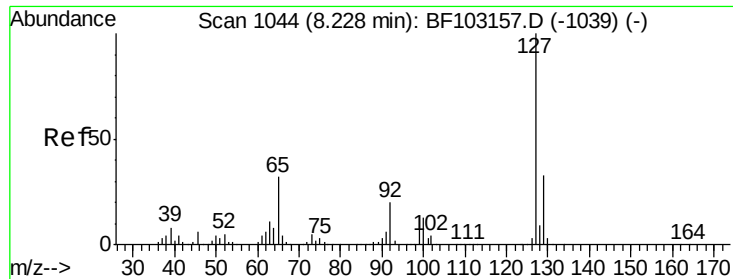
#32
Benzoic acid
Concen: 23.239 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:122 Resp: 148684
Ion Ratio Lower Upper
122 100
105 125.0 101.1 141.1
77 93.1 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

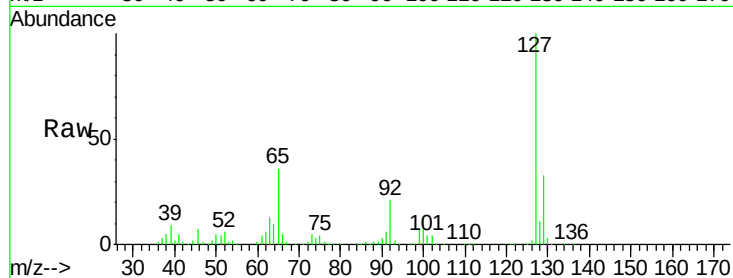




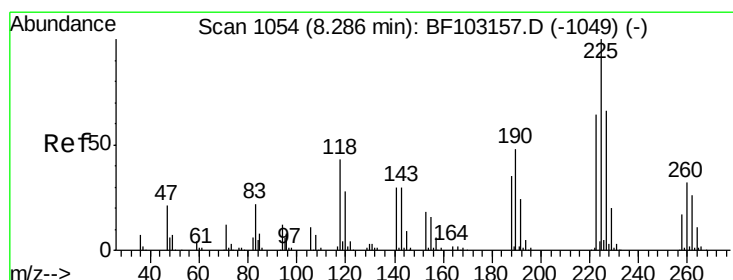
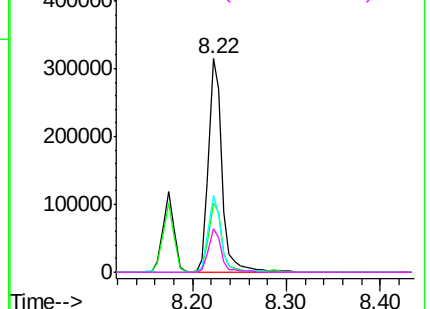
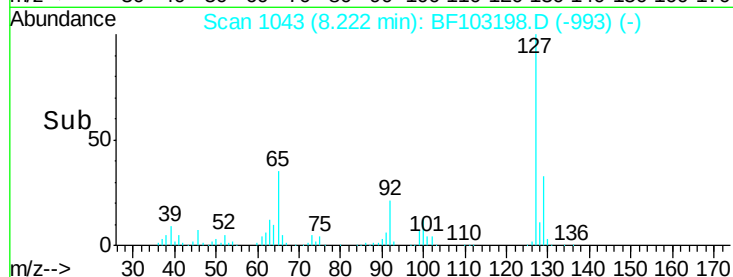
#33
4-Chloroaniline
Concen: 20.004 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	320106
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	35.8	25.0	37.4
92	20.6	15.2	22.8

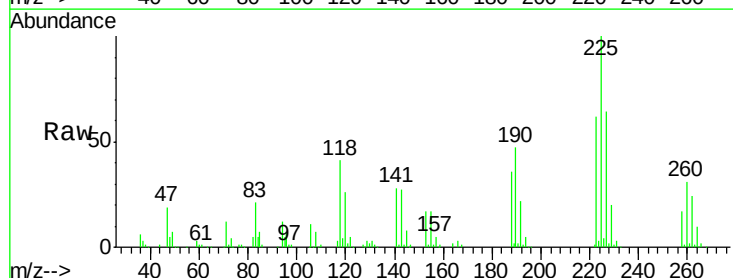


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

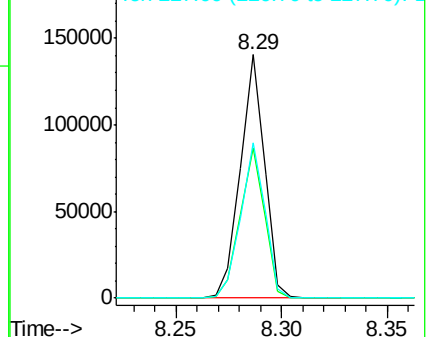
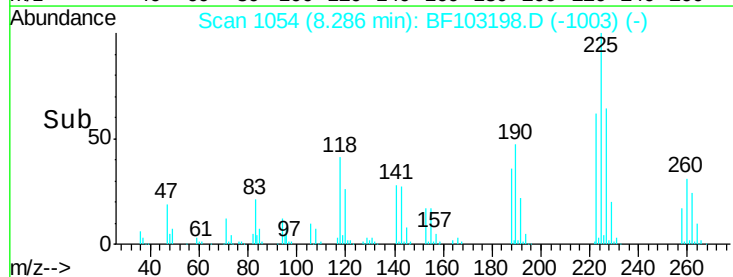


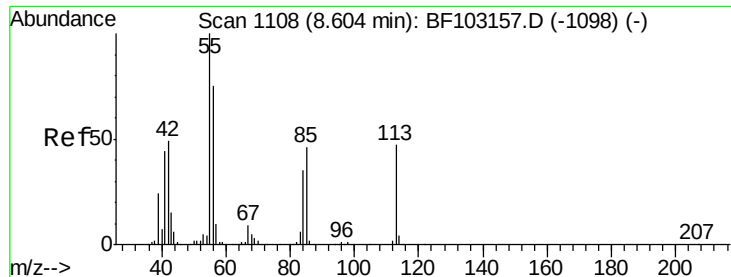
#34
Hexachlorobutadiene
Concen: 19.931 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:	225	Resp:	111190
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	63.6	51.9	77.9



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





#35

Caprolactam

Concen: 19.737 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

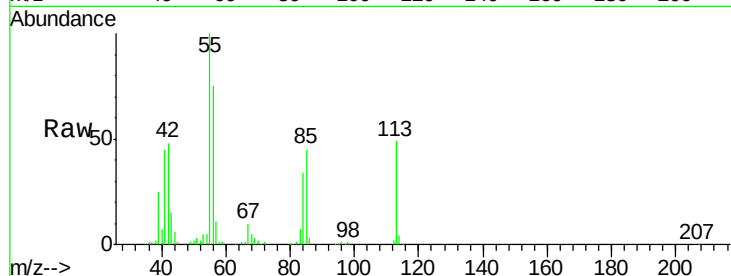
Tot Ion:113 Resp: 69785

Ion Ratio Lower Upper

113 100

55 206.0 163.3 203.3#

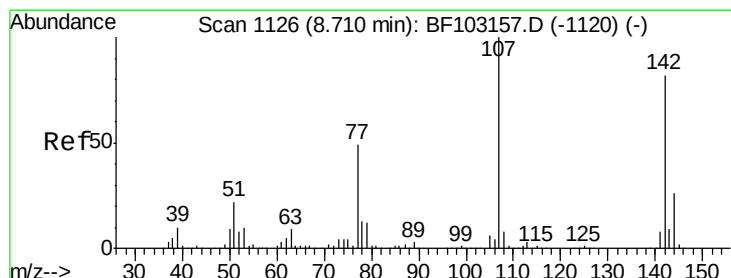
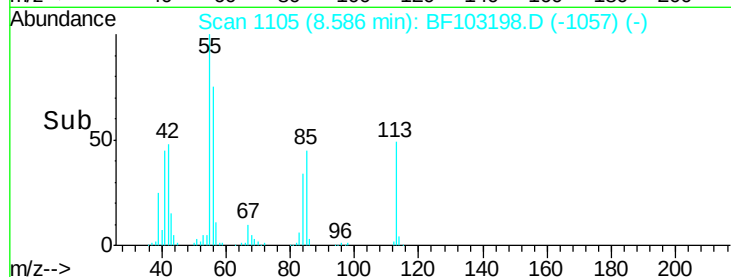
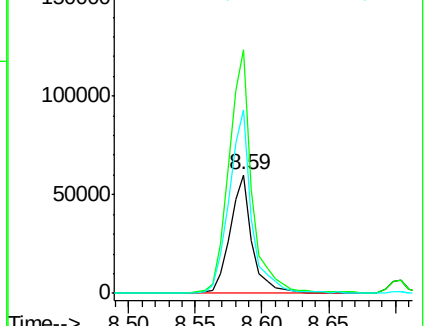
56 154.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 19.760 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

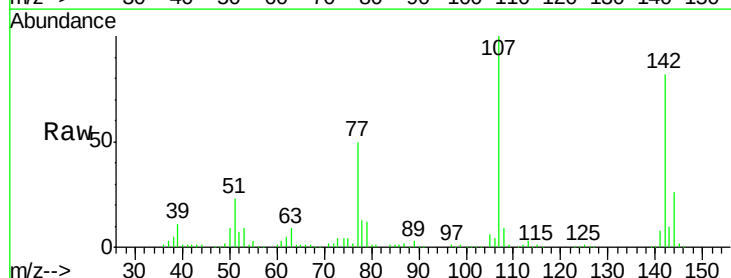
Tgt Ion:107 Resp: 224217

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

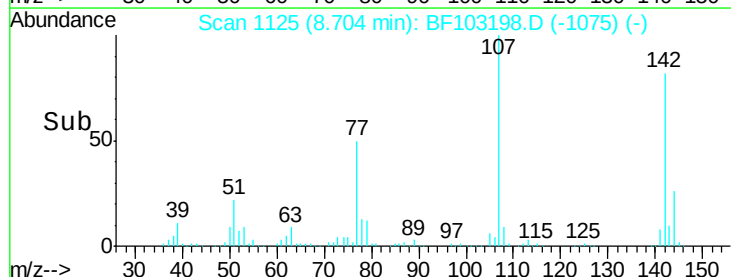
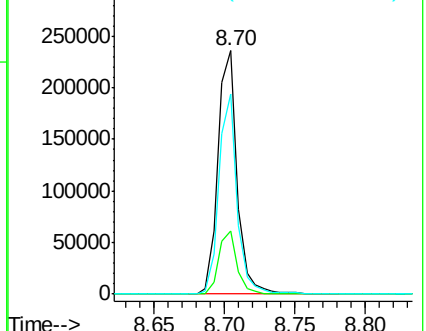
142 82.0 62.0 93.0

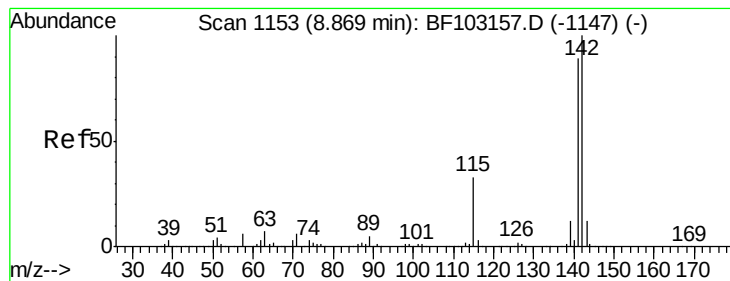


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.614 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

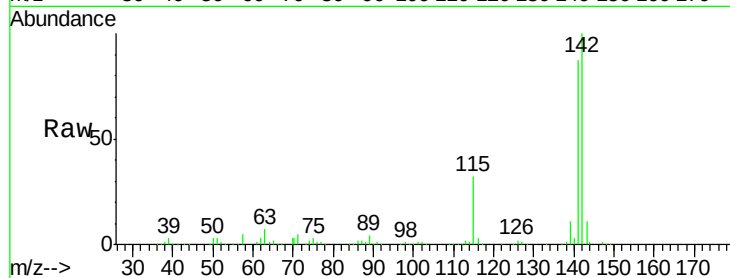
Tot Ion:142 Resp: 494023

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

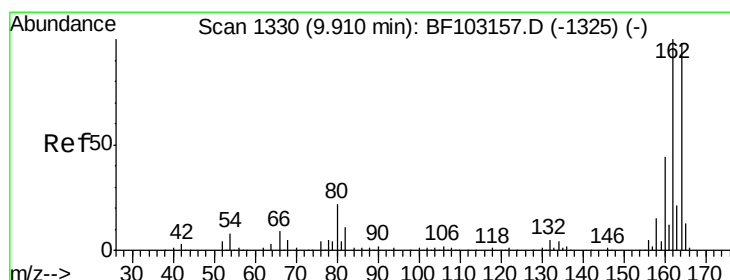
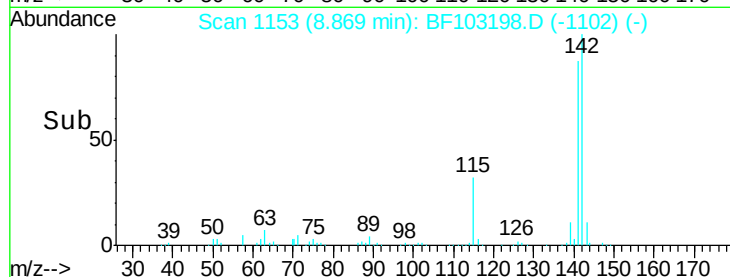
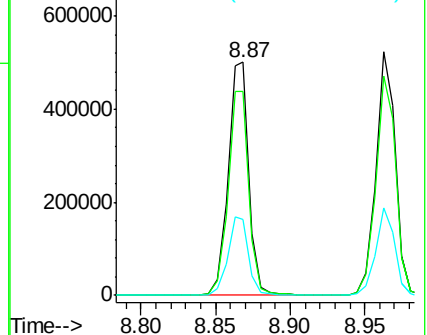
115 32.4 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

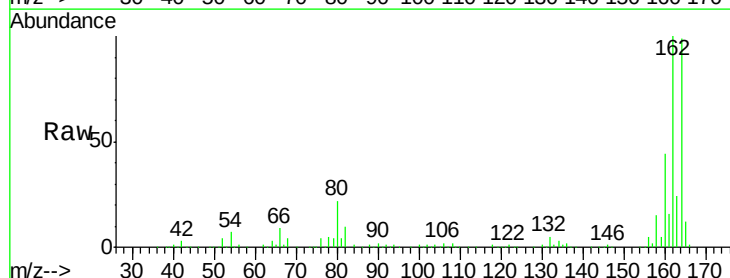
Tgt Ion:164 Resp: 355848

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

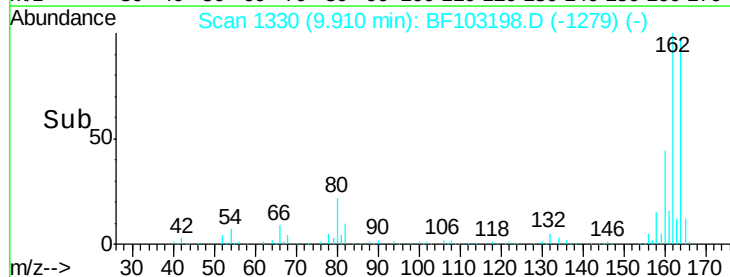
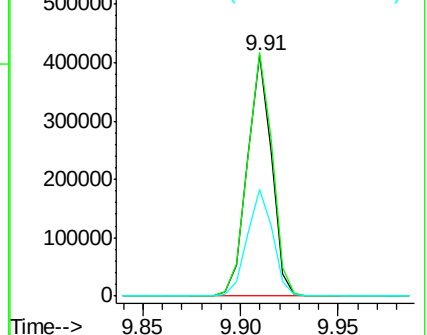
160 44.4 38.3 57.5

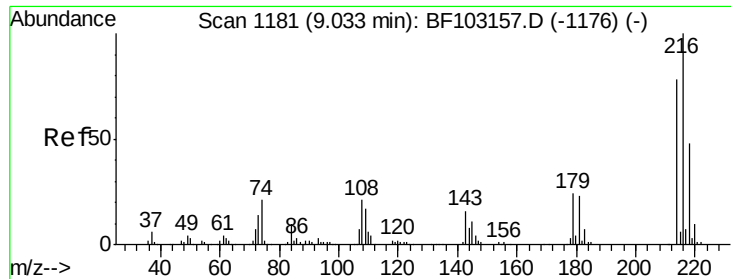


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

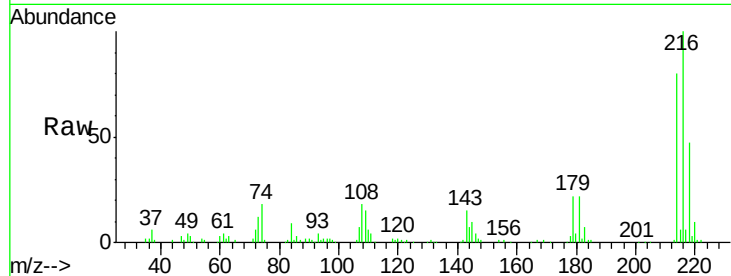




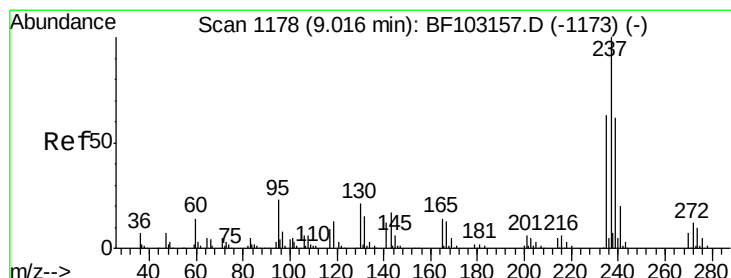
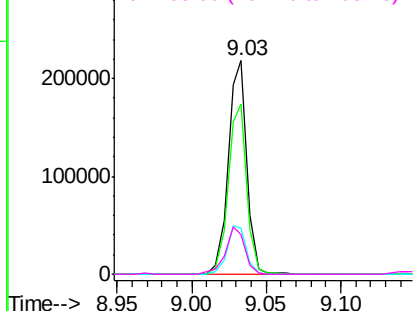
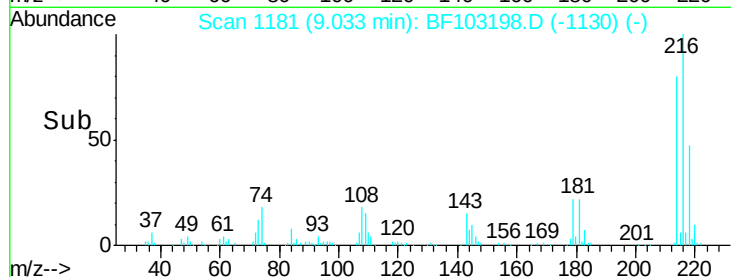
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.859 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	193189
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.4	18.1	27.1
108	22.9	17.2	25.8

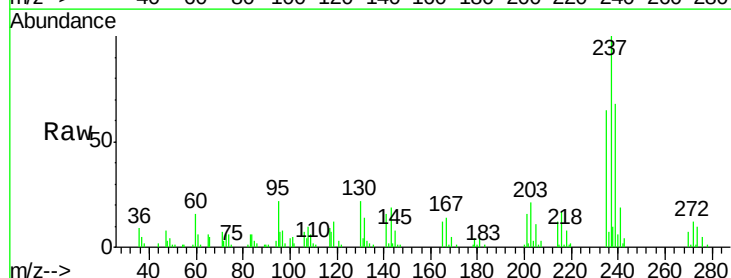


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

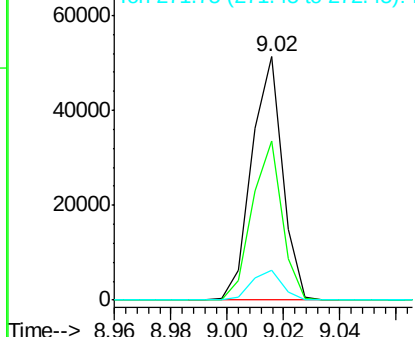
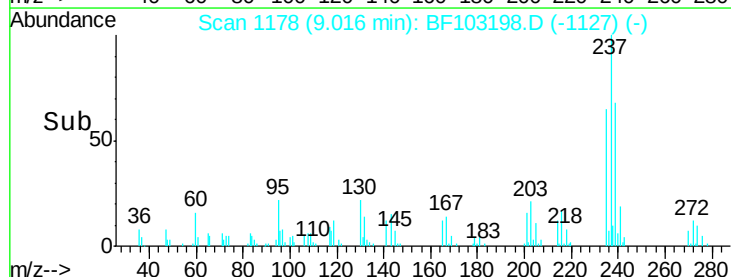


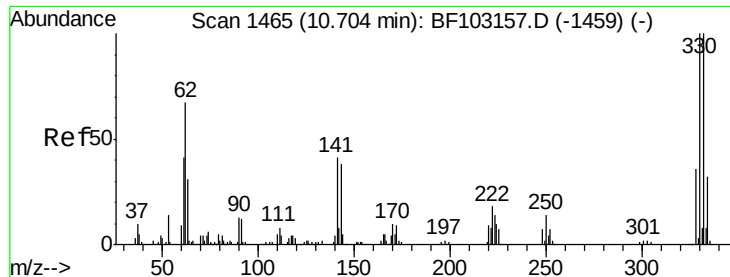
#40
 Hexachlorocyclopentadiene
 Concen: 18.905 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:	237	Resp:	38662
Ion	Ratio	Lower	Upper
237	100		
235	65.2	44.8	84.8
272	12.5	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

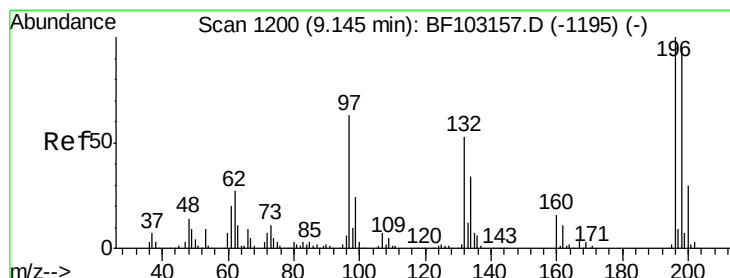
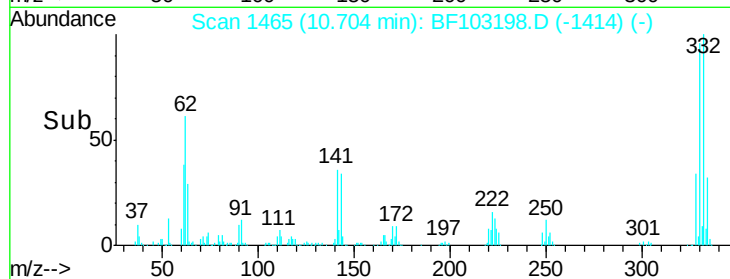
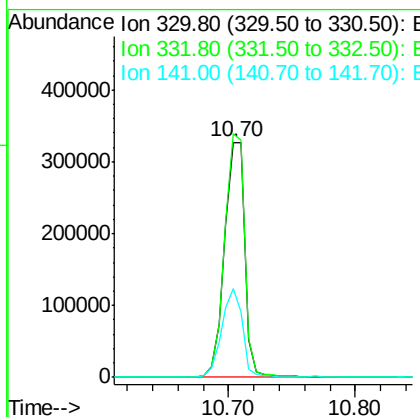
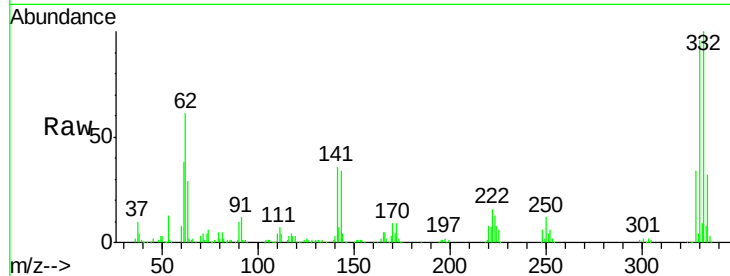




#41
 2,4,6-Tribromophenol
 Concen: 121.378 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

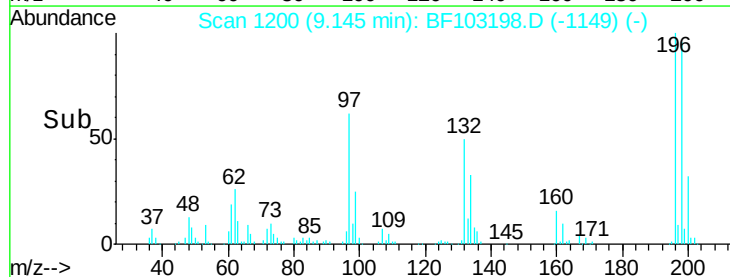
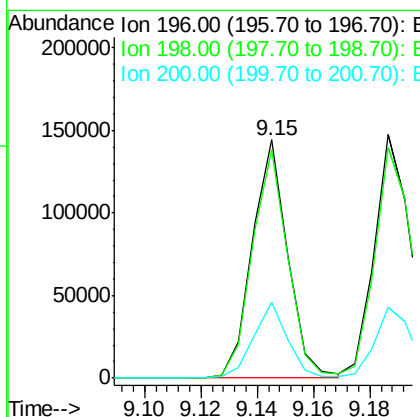
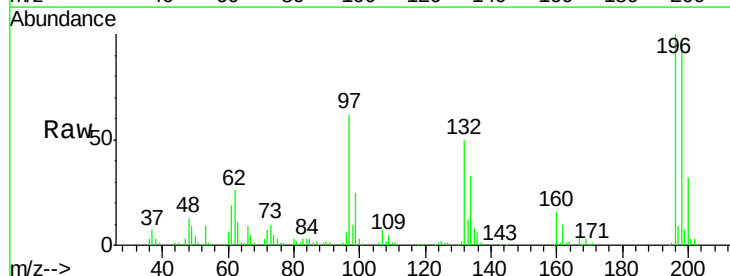
Instrument :
 BNA_F
 ClientSampled :

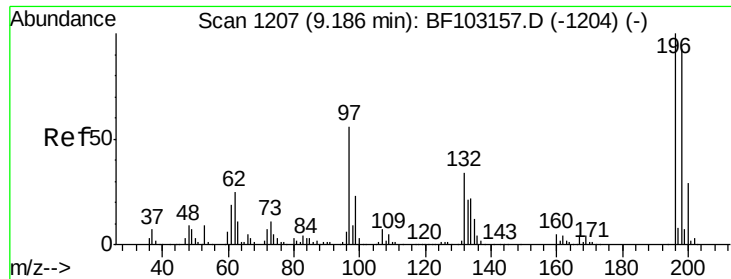
Tot Ion	330	Resp	365597
Ion Ratio	100	Lower	Upper
330	100	77.0	115.6
332	102.7	29.9	44.9
141	38.3		



#42
 2,4,6-Trichlorophenol
 Concen: 19.199 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion	196	Resp	125677
Ion Ratio	100	Lower	Upper
196	100	75.7	113.5
198	95.9	24.5	36.7
200	32.1		

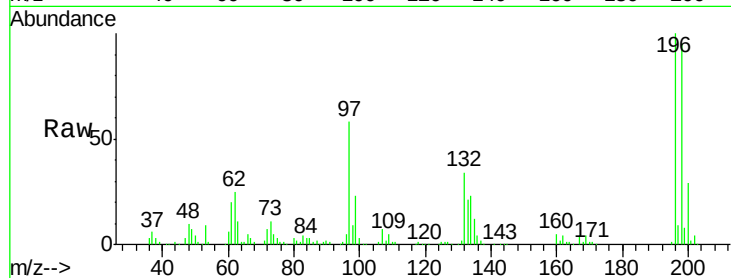




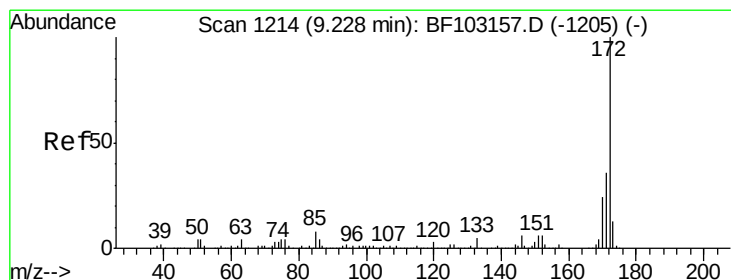
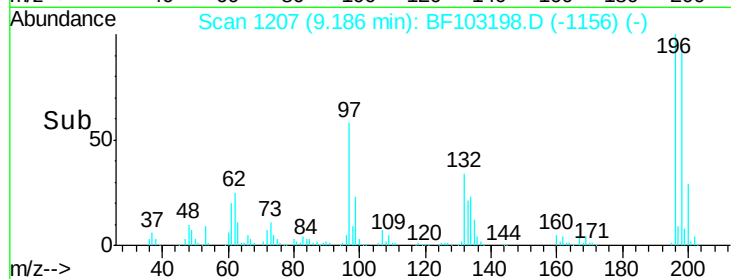
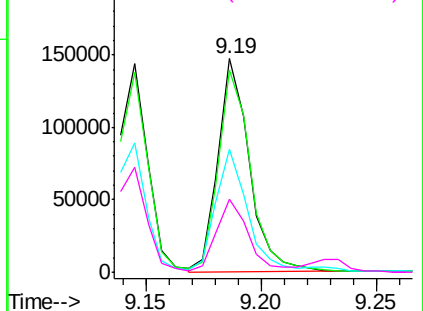
#43
 2,4,5-Trichlorophenol
 Concen: 18.392 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 138466
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 57.7 42.9 64.3
 132 34.2 26.3 39.5

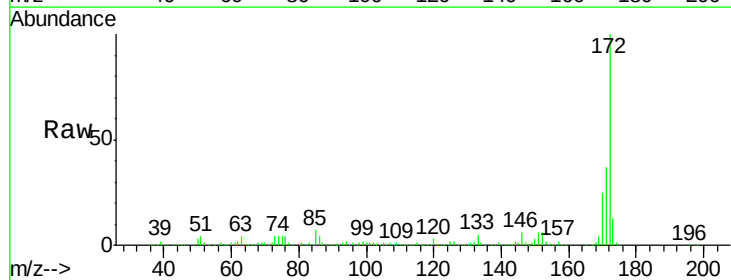


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

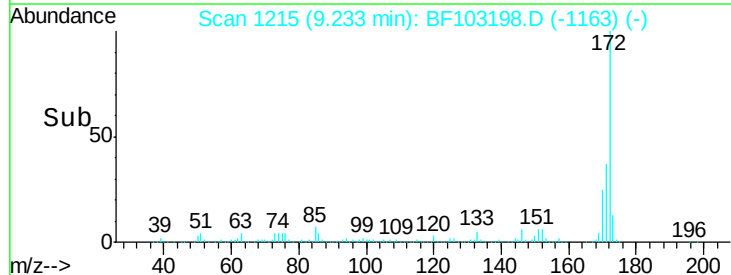
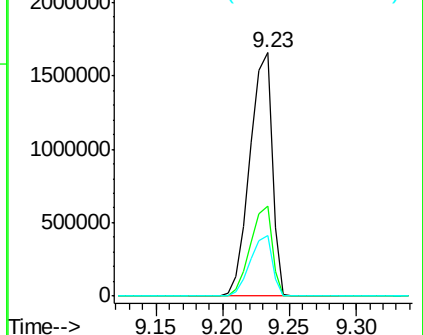


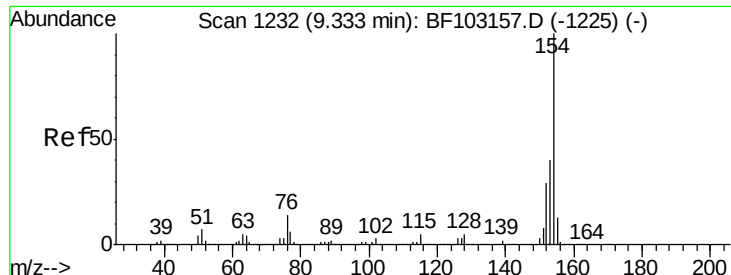
#44
 2-Fluorobiphenyl
 Concen: 94.315 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:172 Resp: 1898747
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.8 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: 20.123 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampled :

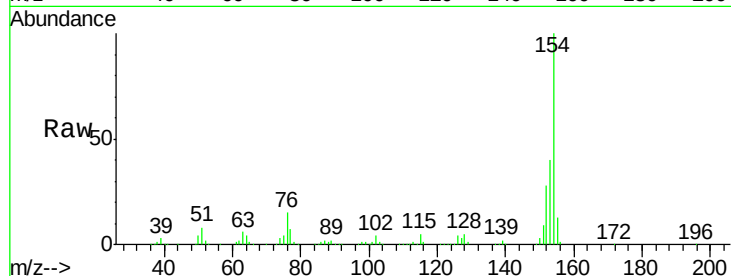
Tot Ion:154 Resp: 600033

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

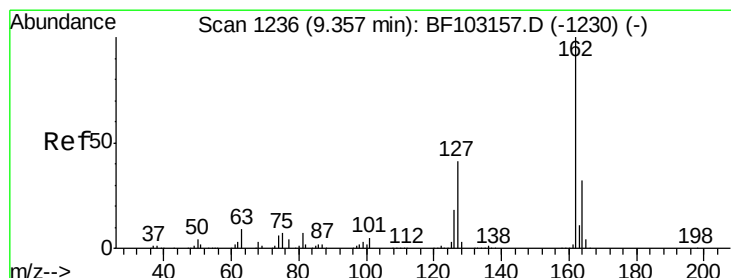
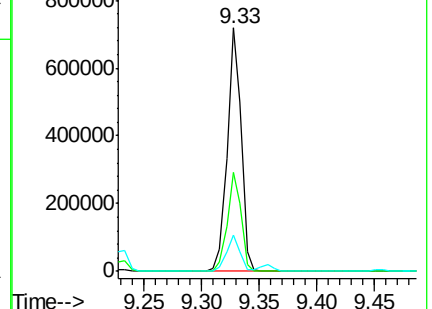
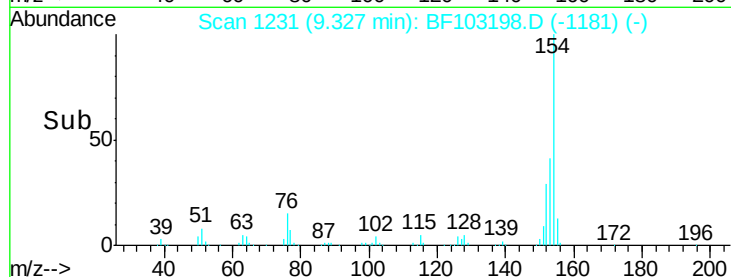
76 14.7 0.0 34.0



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: 19.782 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

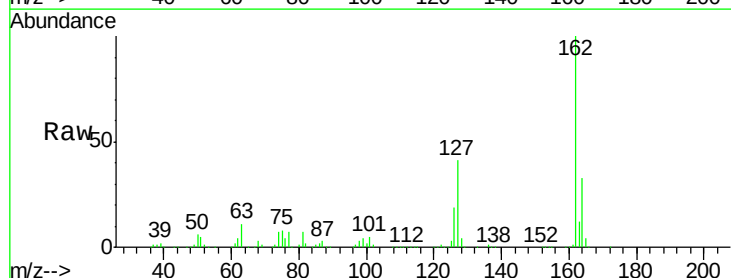
Tgt Ion:162 Resp: 466660

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

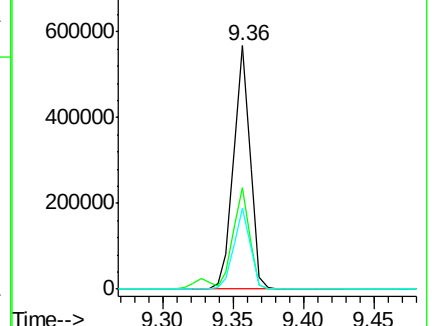
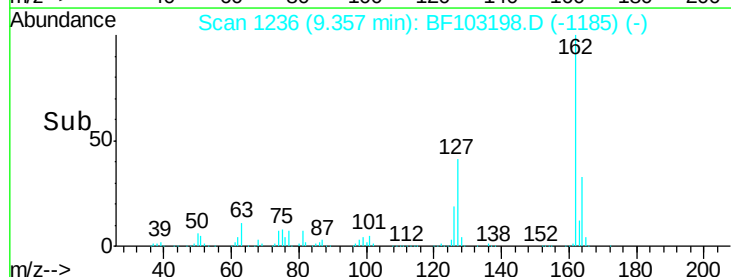
164 33.0 26.5 39.7

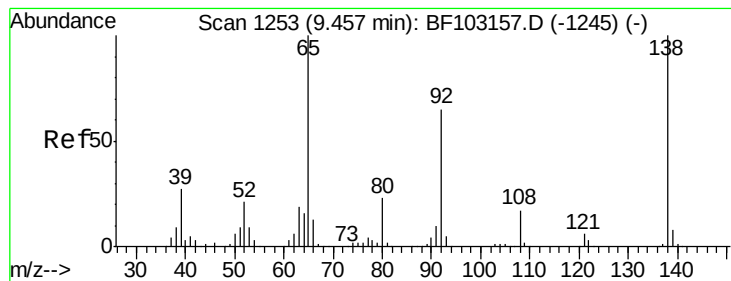


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 19.611 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

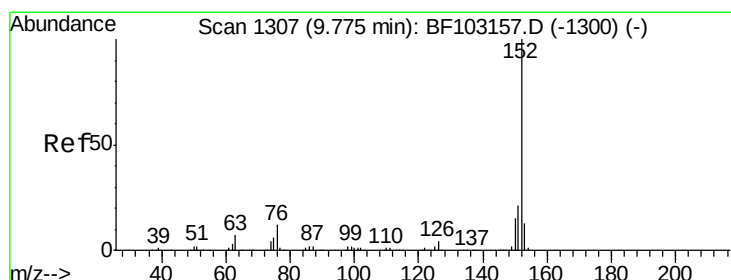
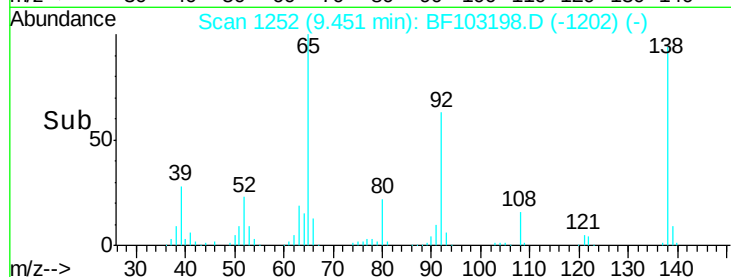
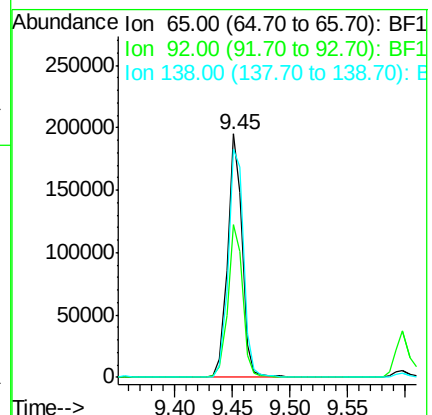
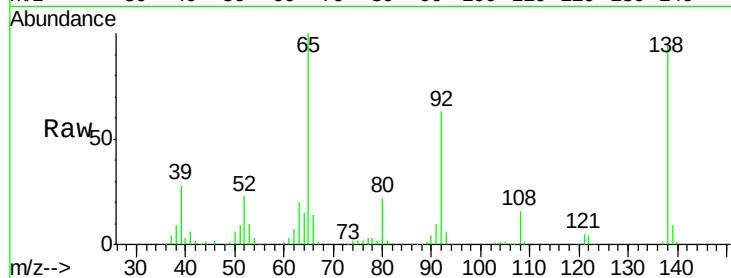
Tot Ion: 65 Resp: 171364

Ion Ratio Lower Upper

65 100

92 62.5 55.8 83.6

138 93.6 91.2 136.8



#48

Acenaphthylene

Concen: 20.249 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

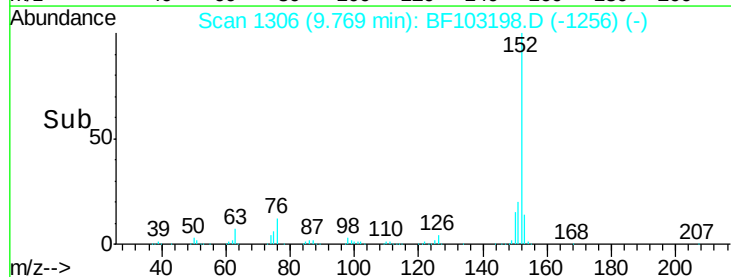
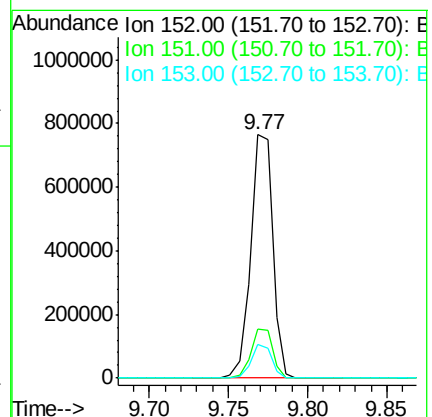
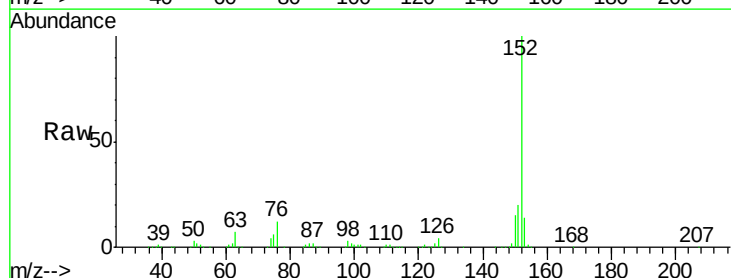
Tgt Ion: 152 Resp: 734957

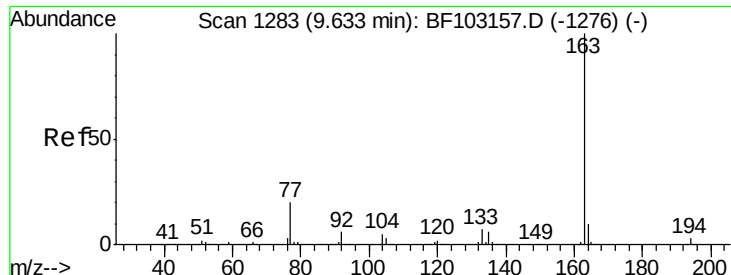
Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.6 10.7 16.1

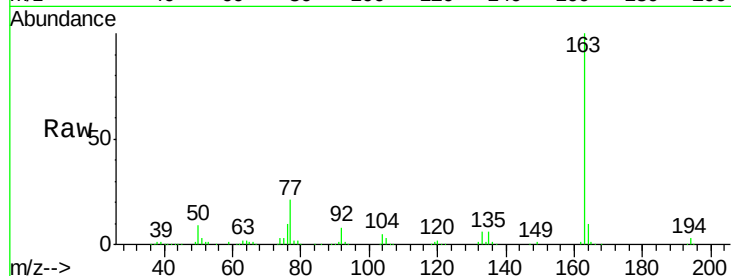




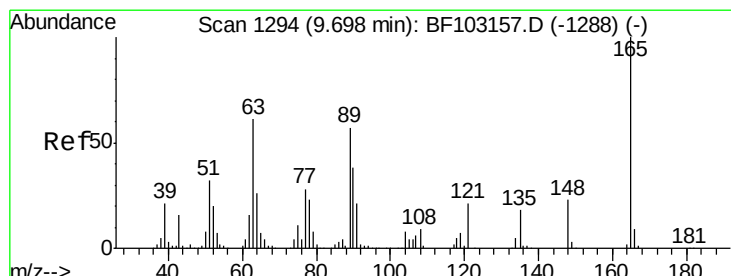
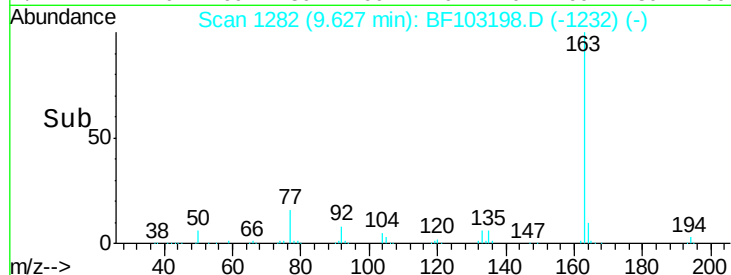
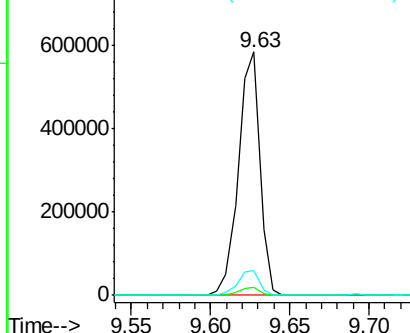
#49
 Dimethylphthalate
 Concen: 19.244 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 549359
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.1 8.2 12.2

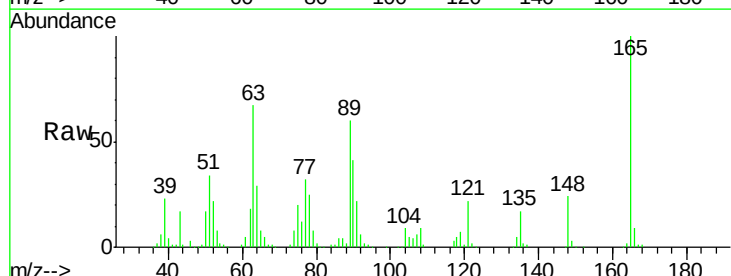


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

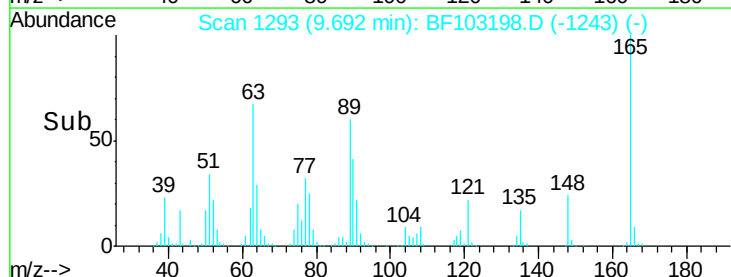
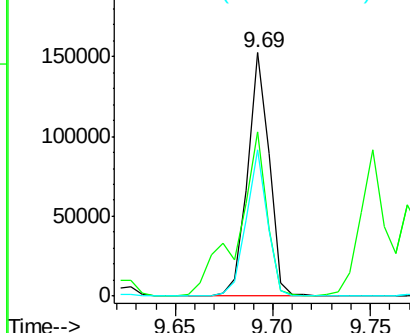


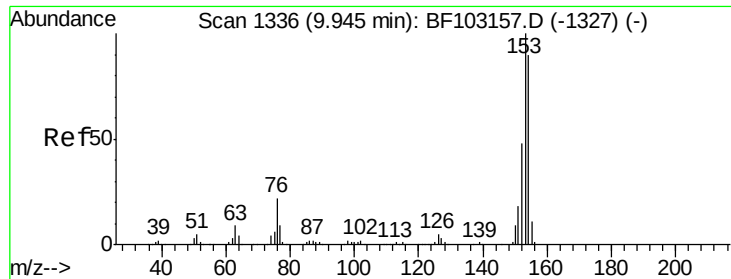
#50
 2,6-Dinitrotoluene
 Concen: 19.466 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:165 Resp: 116612
 Ion Ratio Lower Upper
 165 100
 63 67.3 44.7 67.1#
 89 59.9 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

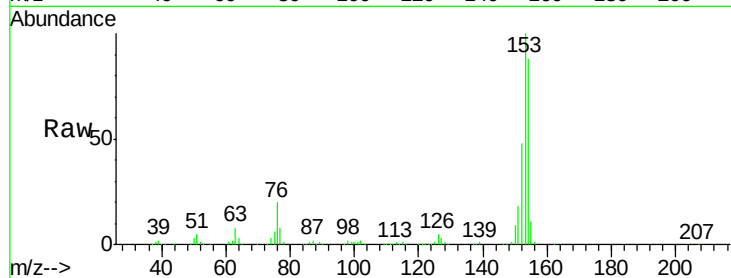




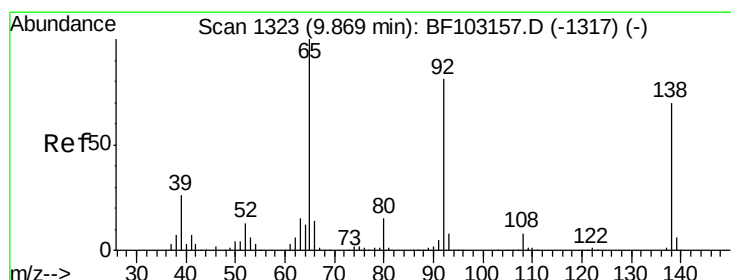
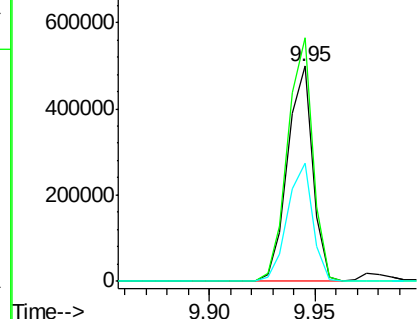
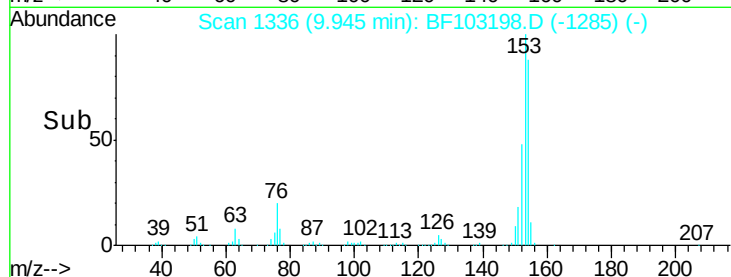
#51
Acenaphthene
Concen: 19.748 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 417961
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 54.9 43.8 65.8

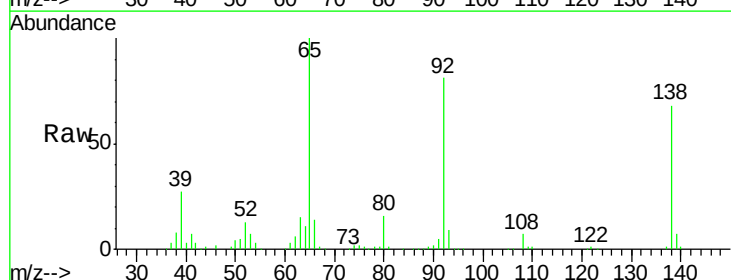


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

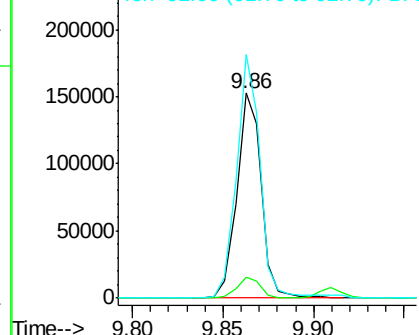
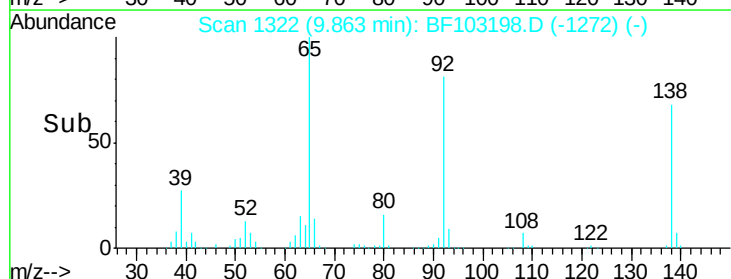


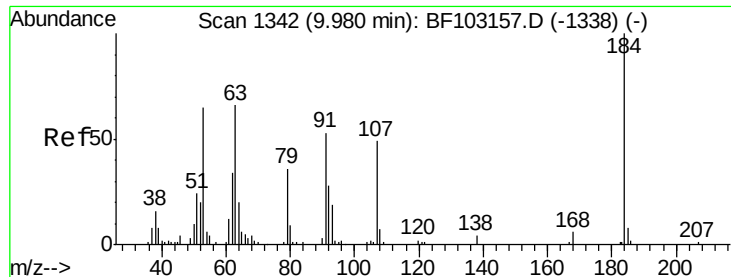
#52
3-Nitroaniline
Concen: 18.745 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:138 Resp: 142470
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 118.7 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

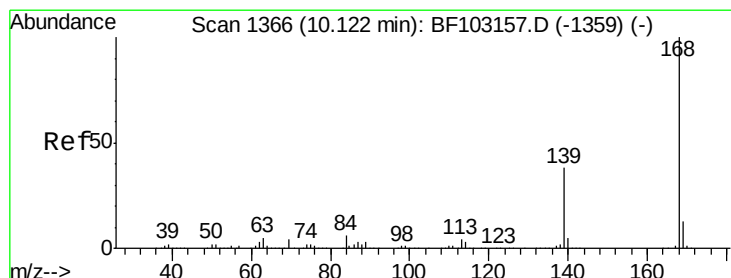
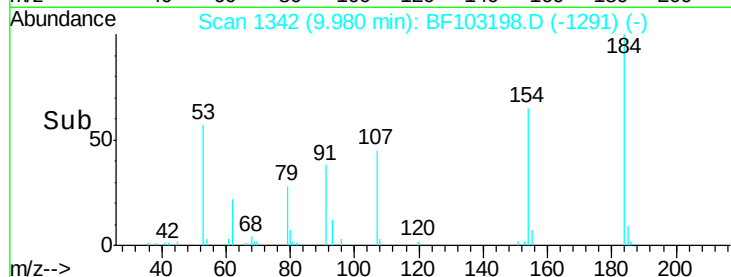
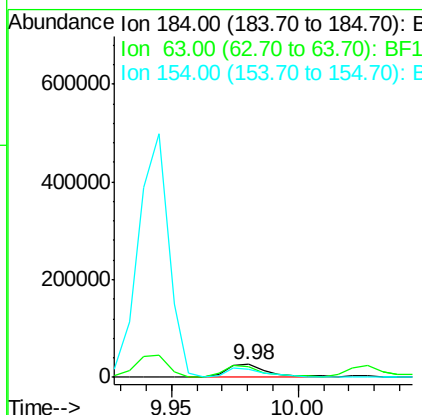
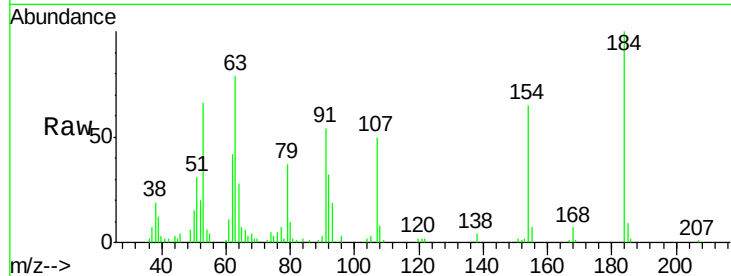




#53
 2,4-Dinitrophenol
 Concen: 22.306 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

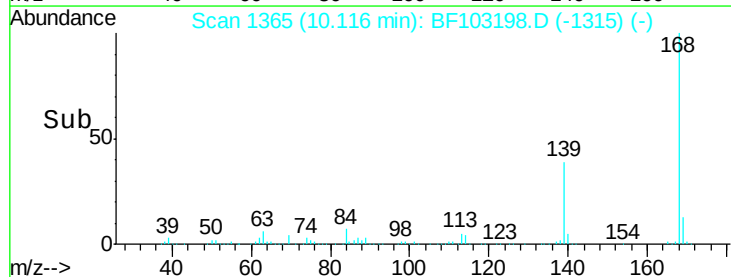
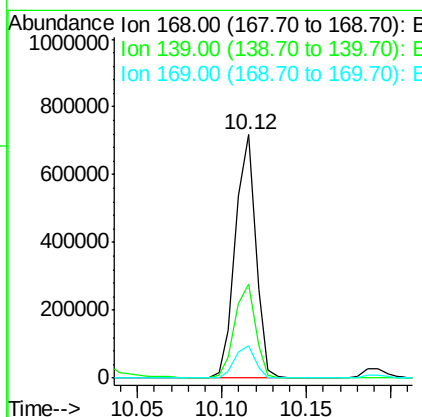
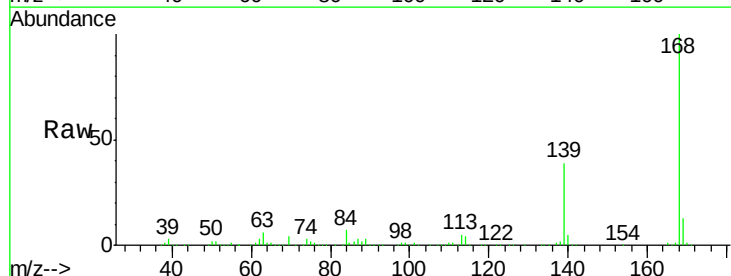
Instrument :
 BNA_F
 ClientSampled :

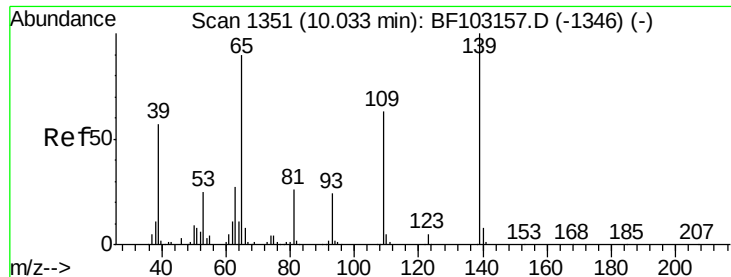
Tot Ion:184 Resp: 31202
 Ion Ratio Lower Upper
 184 100
 63 79.0 54.2 81.2
 154 65.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 20.793 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:168 Resp: 604117
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.1 10.9 16.3

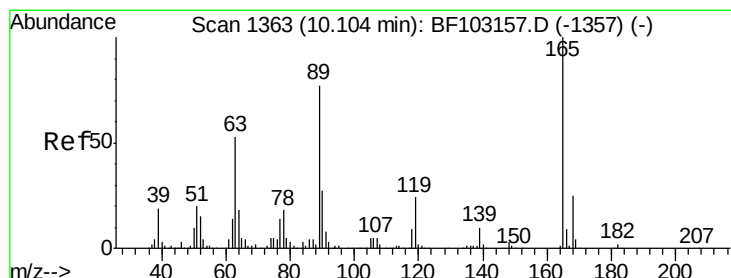
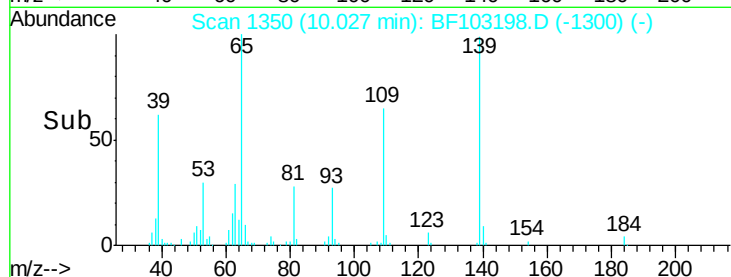
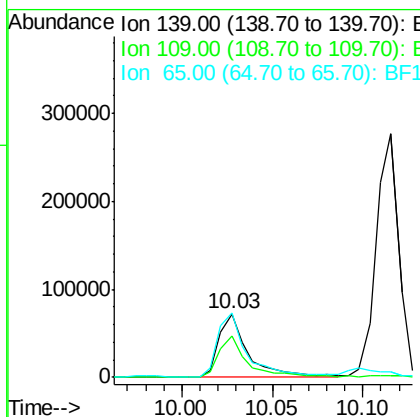
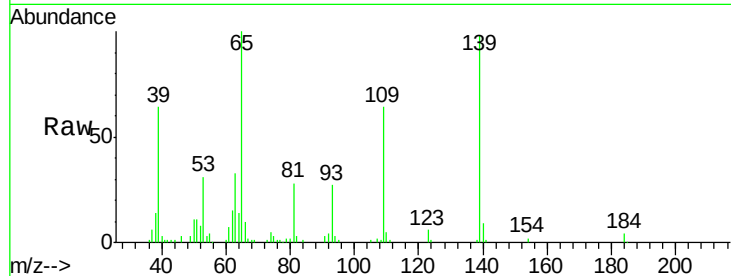




#55
4-Nitrophenol
Concen: 17.406 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

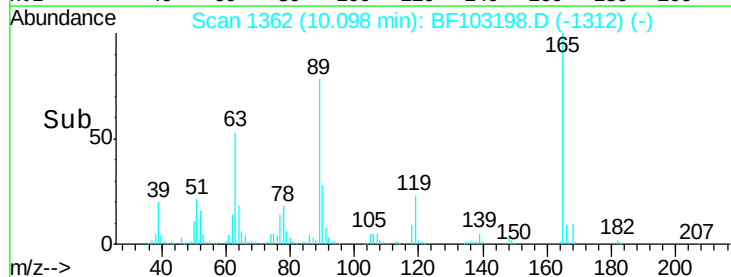
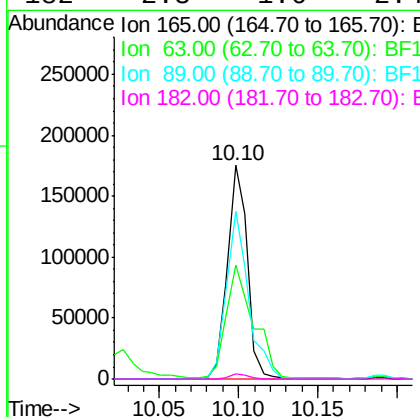
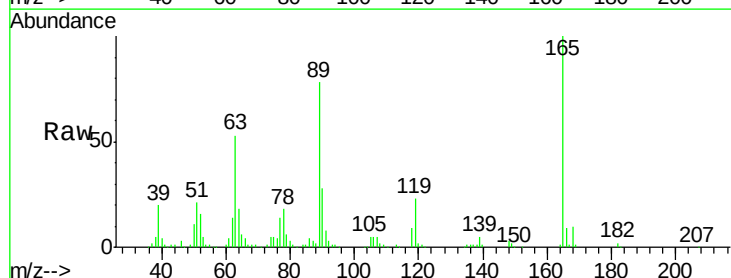
Instrument :
BNA_F
ClientSampleId :

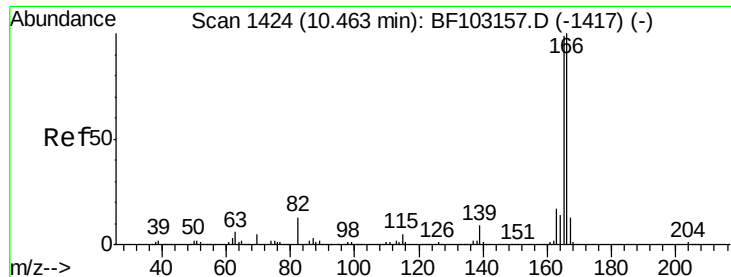
Tot Ion:139 Resp: 81993
Ion Ratio Lower Upper
139 100
109 65.5 48.4 88.4
65 101.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 20.191 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:165 Resp: 152979
Ion Ratio Lower Upper
165 100
63 53.4 36.4 54.6
89 78.5 57.8 86.6
182 2.3 1.6 2.4

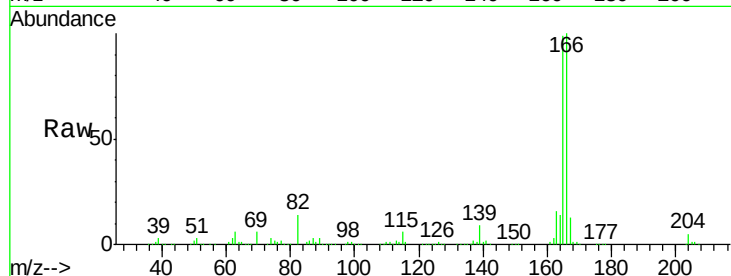




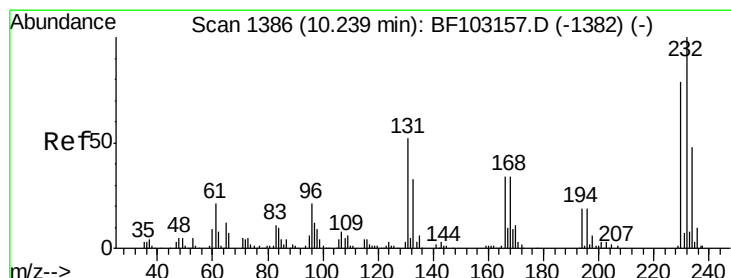
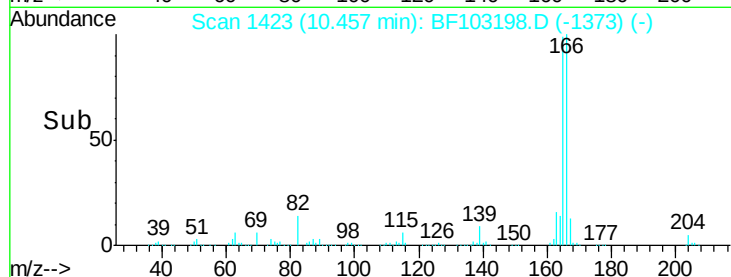
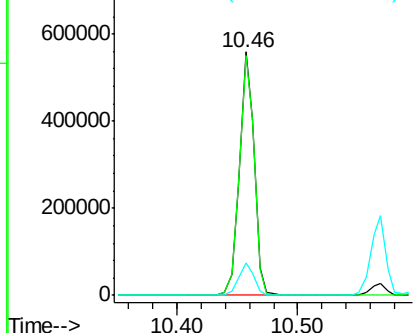
#57
 Fluorene
 Concen: 19.212 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 475483
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.3 10.6 16.0

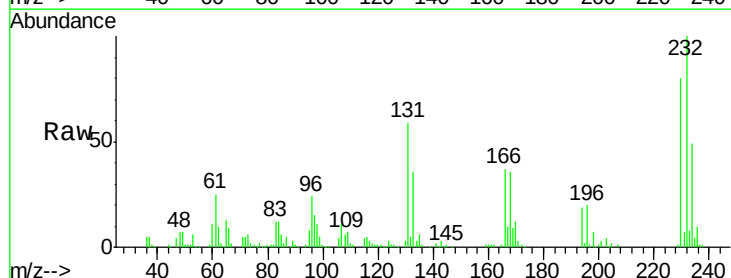


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

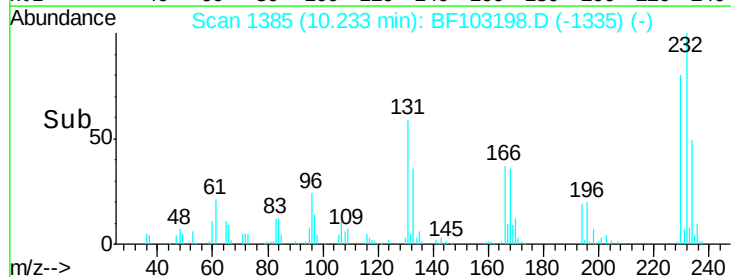
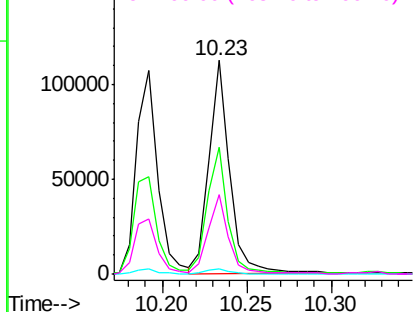


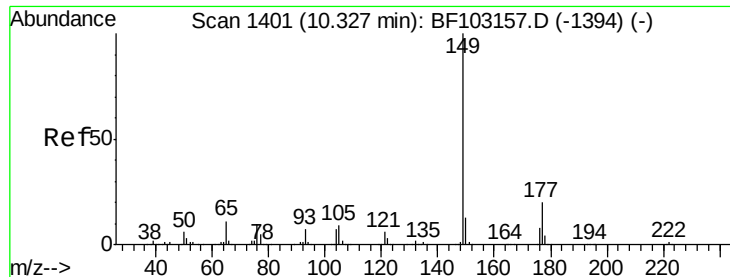
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.298 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:232 Resp: 97601
 Ion Ratio Lower Upper
 232 100
 131 58.5 43.8 65.8
 130 2.7 2.1 3.1
 166 37.3 27.8 41.6



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

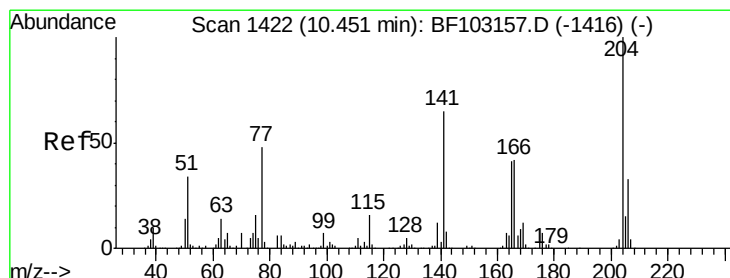
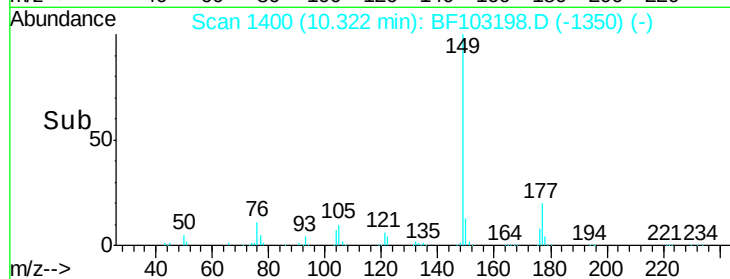
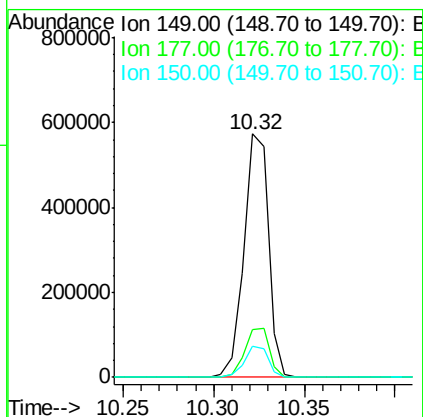
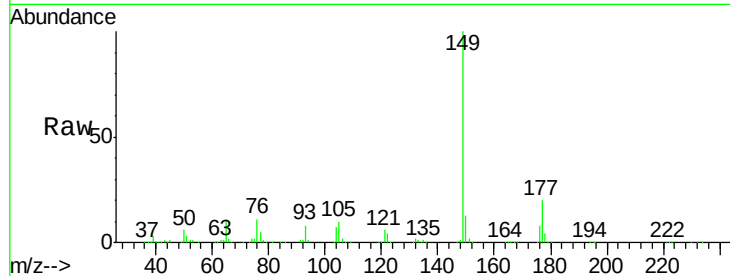




#59
Diethylphthalate
Concen: 19.810 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

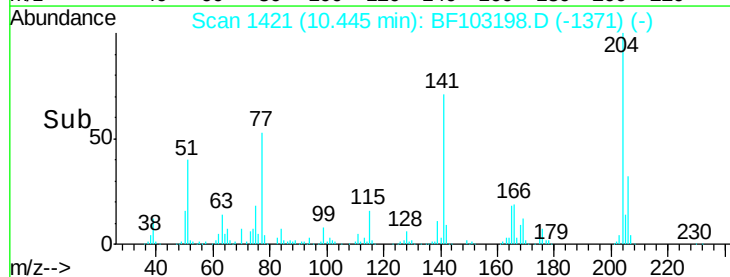
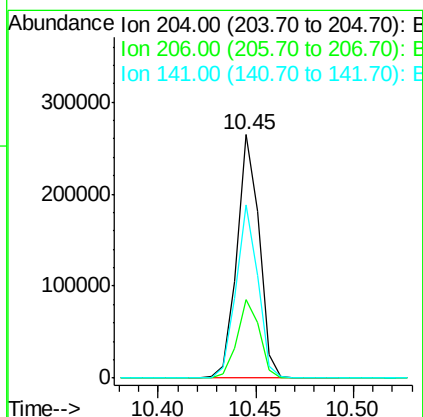
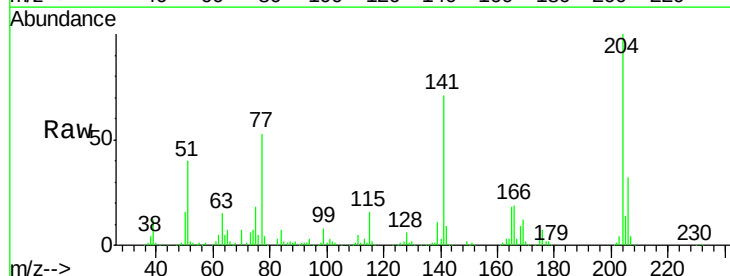
Instrument :
BNA_F
ClientSampleId :

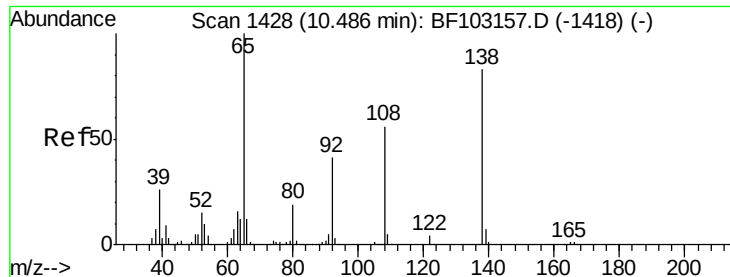
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.1	24.1
150	13.0	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 19.976 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	71.0	54.6	81.8

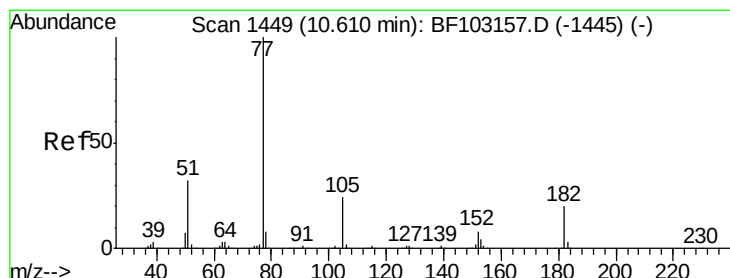
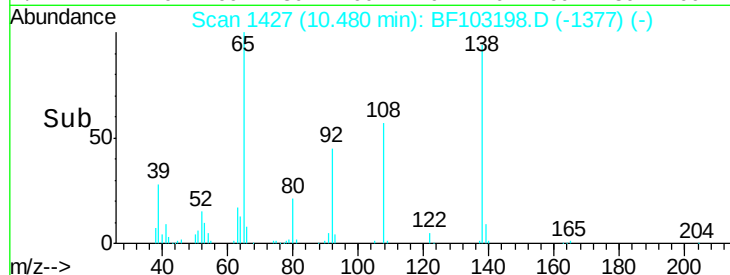
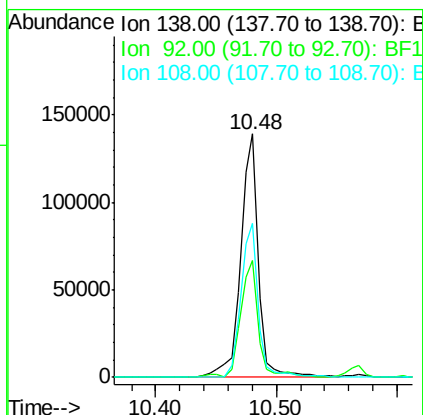
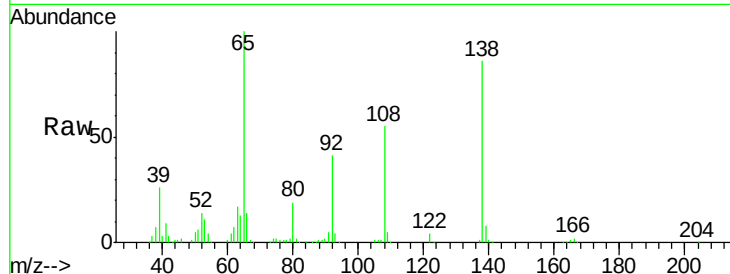




#61
4-Nitroaniline
Concen: 18.813 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

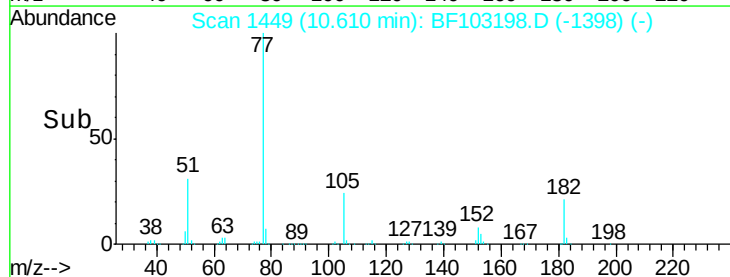
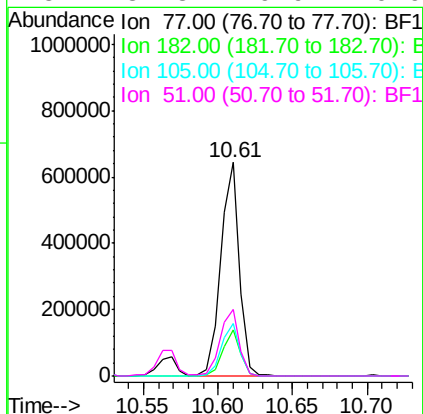
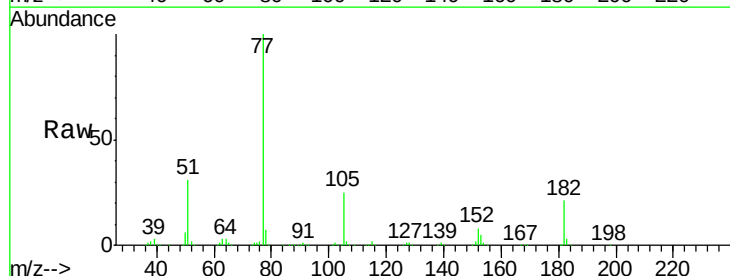
Instrument :
BNA_F
ClientSampleId :

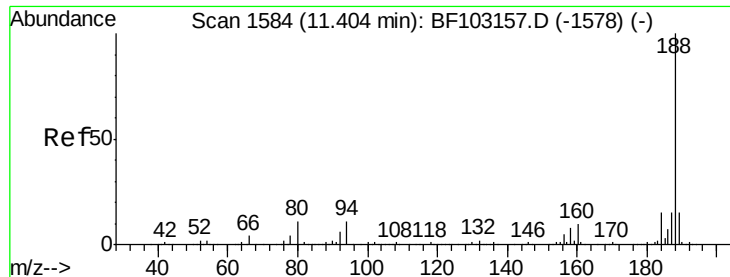
Tot Ion:138 Resp: 142819
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 63.4 52.5 92.5



#62
Azobenzene
Concen: 20.229 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion: 77 Resp: 562170
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 24.6 3.0 43.0
51 31.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

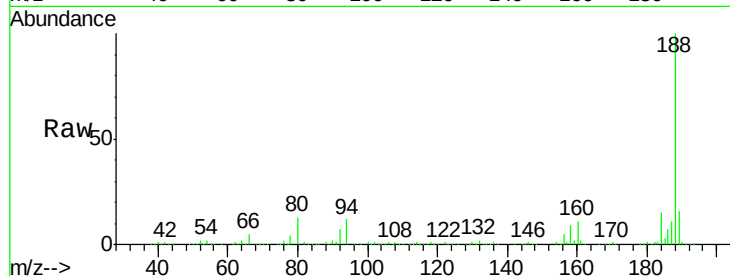
Tot Ion:188 Resp: 587628

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

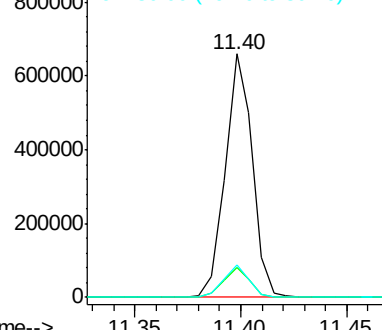
80 13.2 9.2 13.8



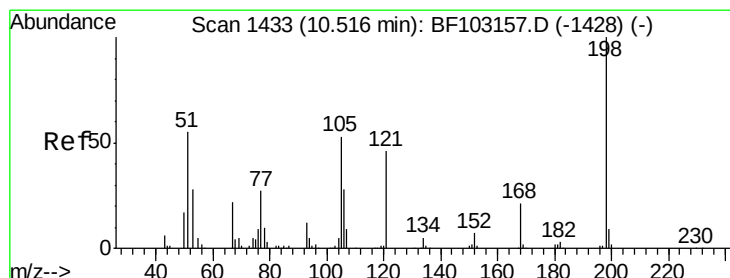
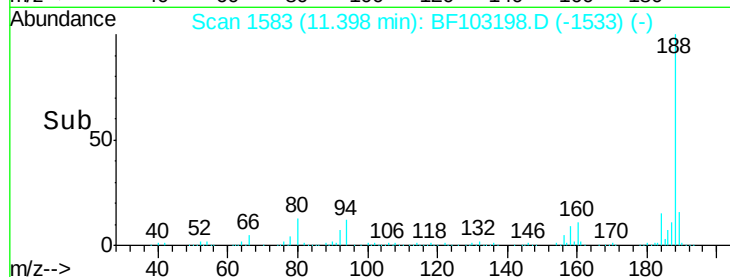
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 21.093 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

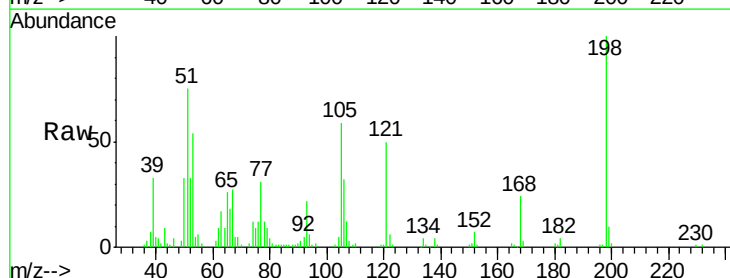
Tgt Ion:198 Resp: 64368

Ion Ratio Lower Upper

198 100

51 74.9 37.7 77.7

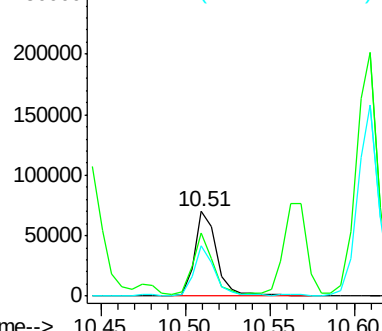
105 58.9 36.3 76.3



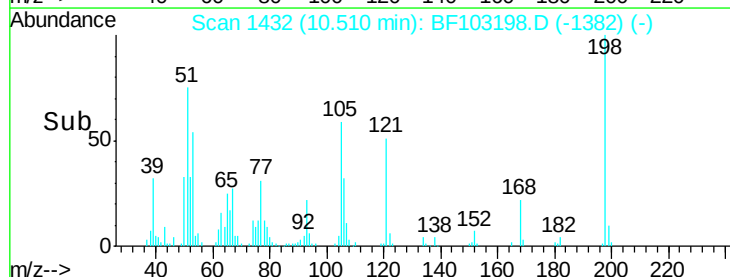
Abundance Ion 198.00 (197.70 to 198.70): E

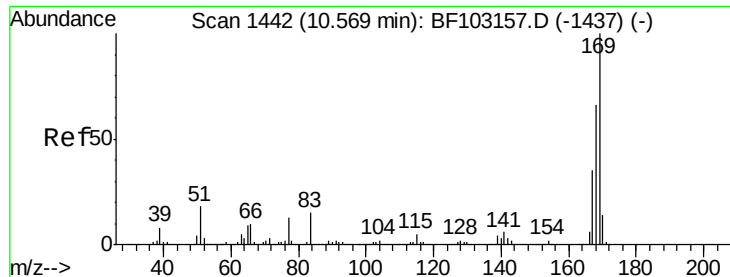
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 20.489 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

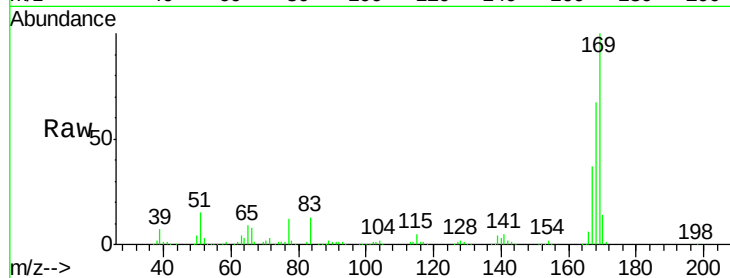
Tot Ion:169 Resp: 419219

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

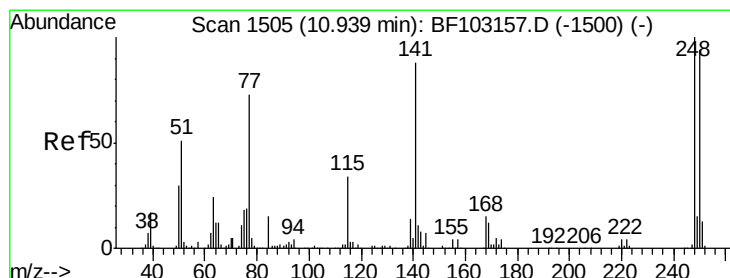
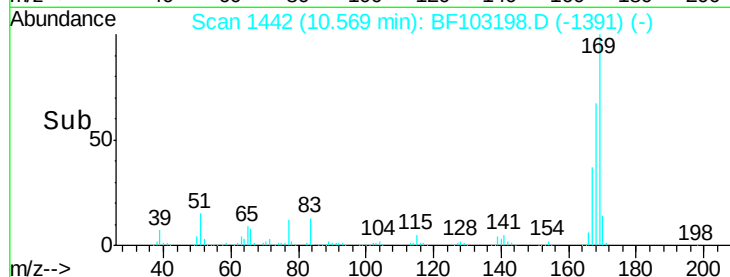
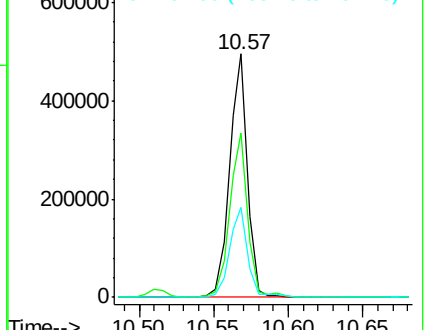
167 36.9 29.8 44.6



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: 20.145 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

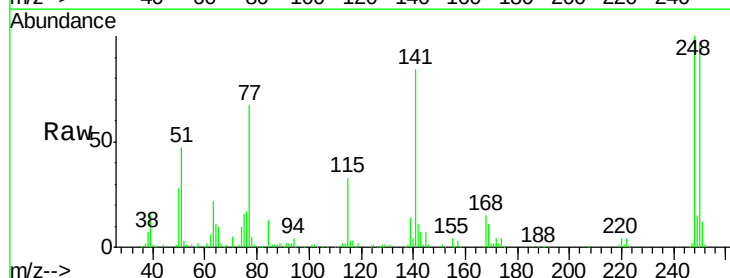
Tgt Ion:248 Resp: 123313

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

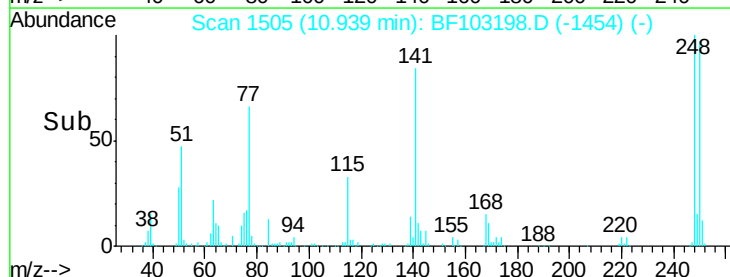
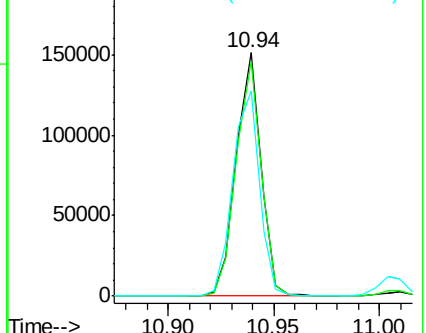
141 84.2 74.4 111.6

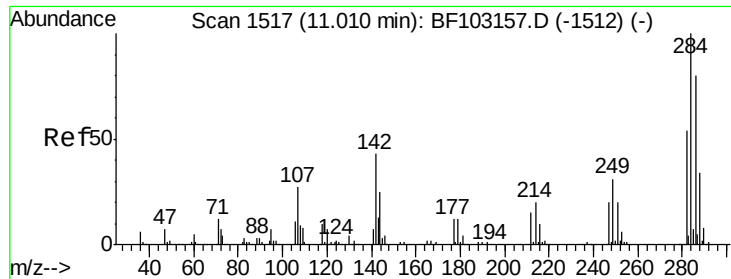


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.300 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

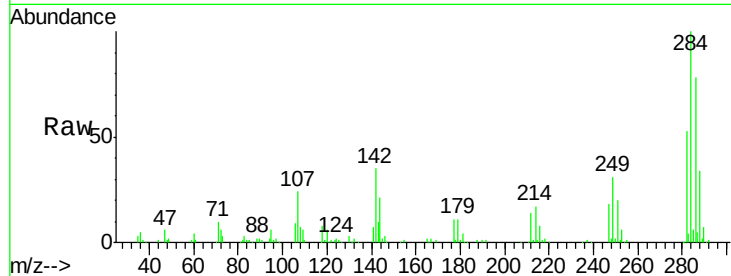
Tot Ion:284 Resp: 134876

Ion Ratio Lower Upper

284 100

142 35.2 34.6 52.0

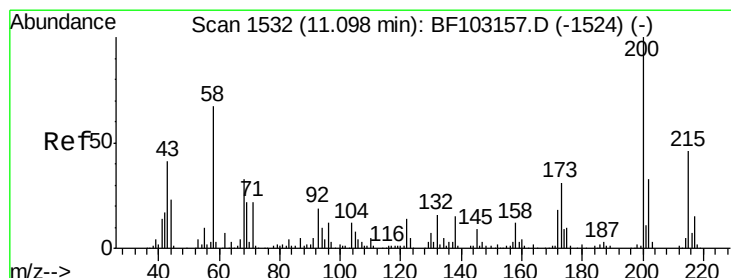
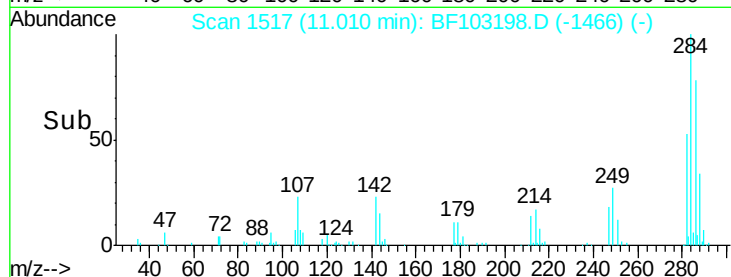
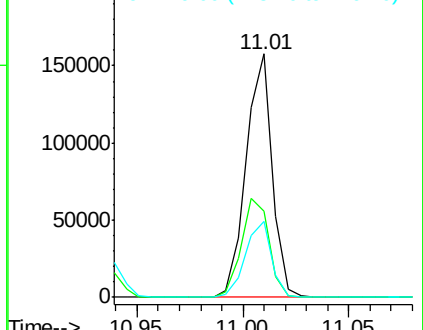
249 31.3 24.8 37.2



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: 19.047 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

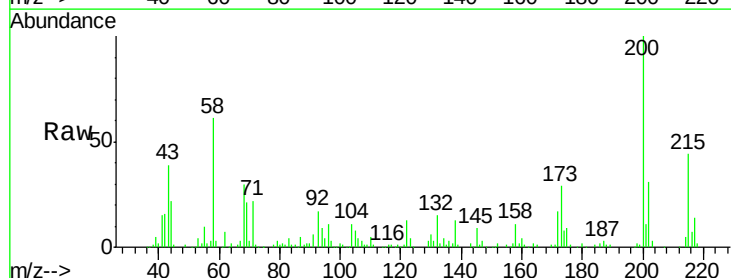
Tgt Ion:200 Resp: 117135

Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

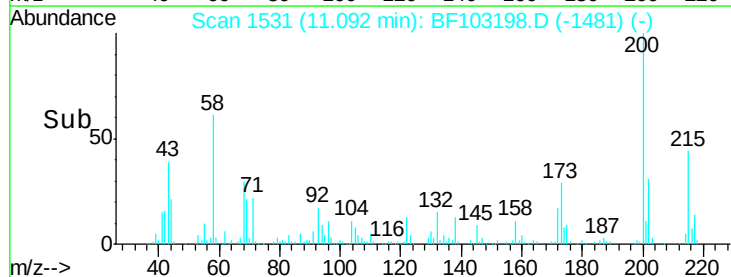
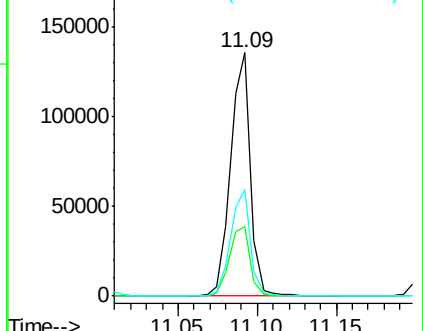
215 44.0 25.1 65.1

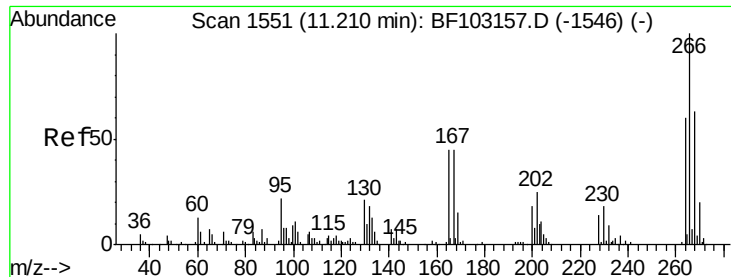


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

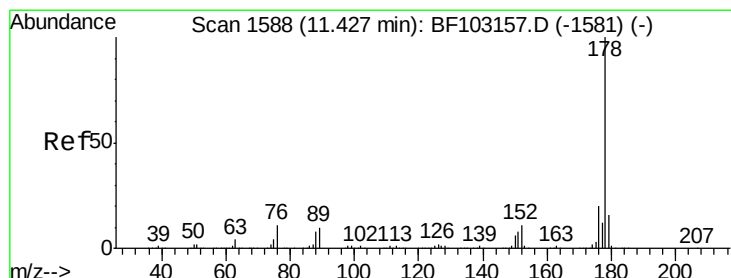
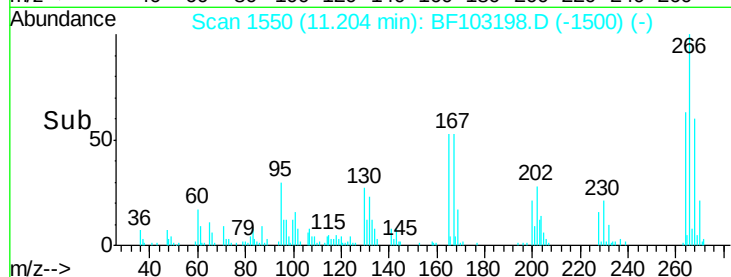
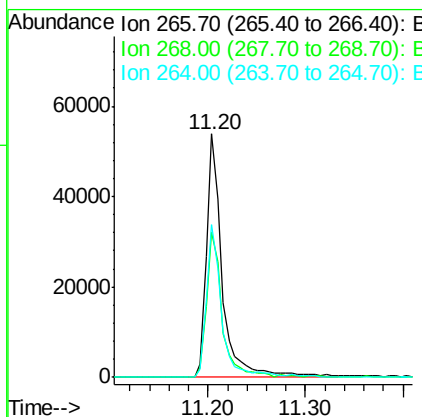
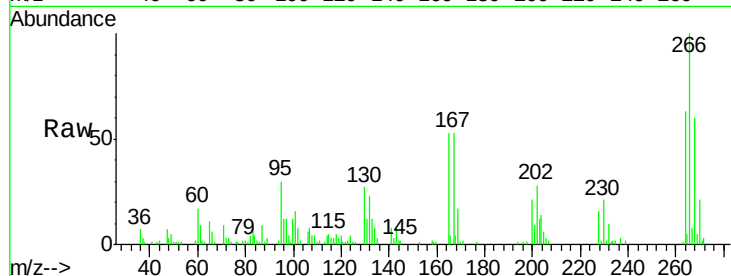




#69
 Pentachlorophenol
 Concen: 18.994 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

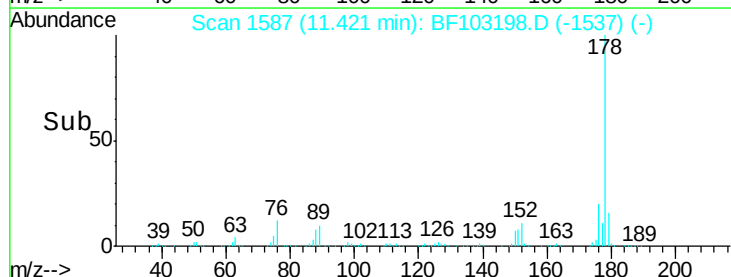
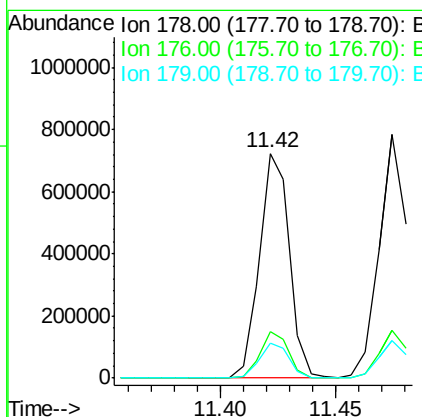
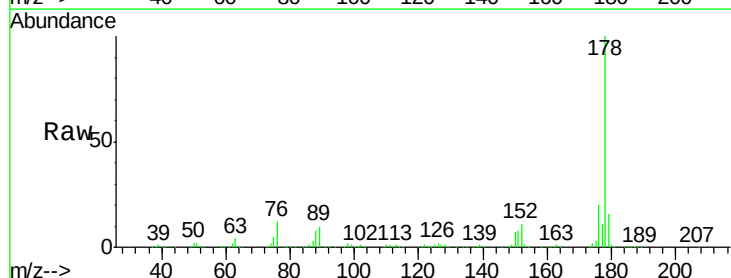
Instrument :
 BNA_F
 ClientSampleId :

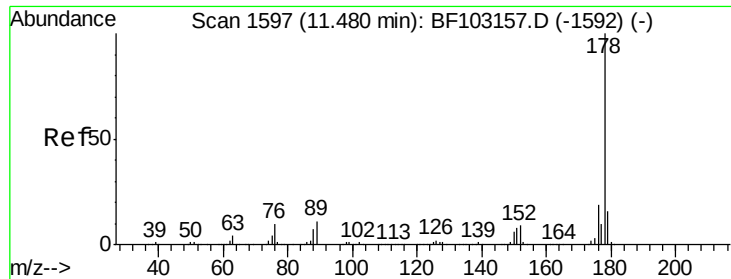
Tot Ion:266 Resp: 61019
 Ion Ratio Lower Upper
 266 100
 268 59.7 51.1 76.7
 264 62.9 49.5 74.3



#70
 Phenanthrene
 Concen: 20.220 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:178 Resp: 653893
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 15.5 13.0 19.6

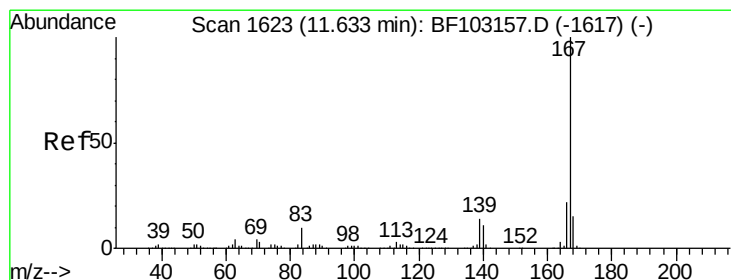
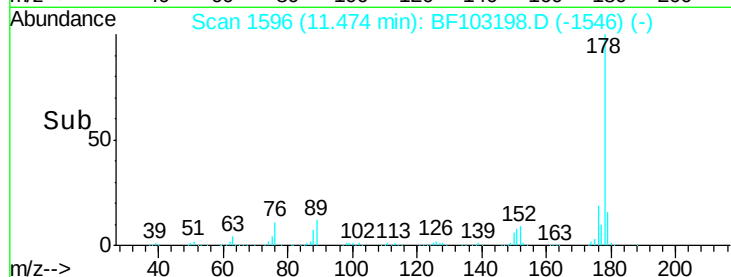
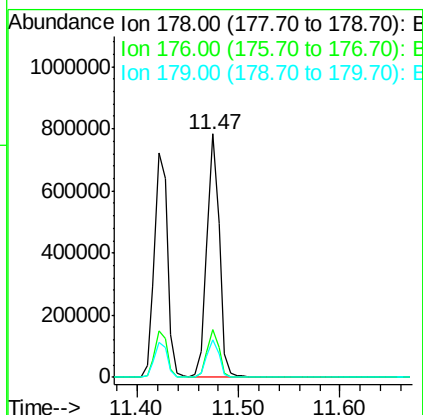
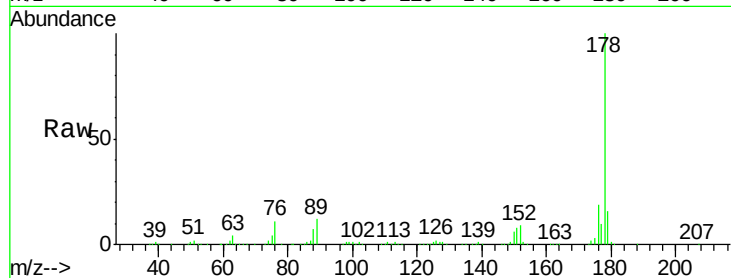




#71
 Anthracene
 Concen: 20.235 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

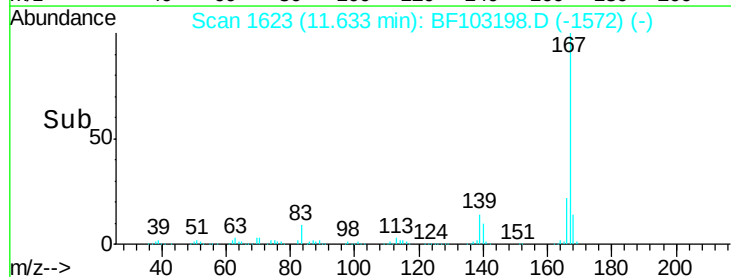
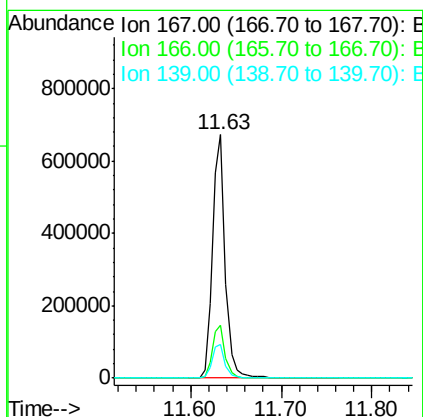
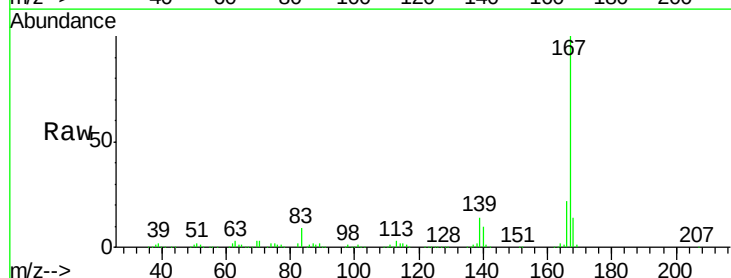
Instrument :
 BNA_F
 ClientSampleId :

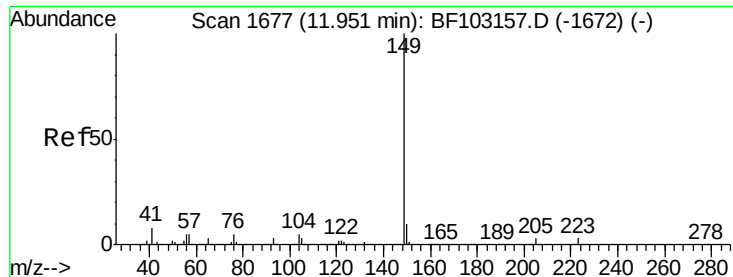
Tot Ion:178 Resp: 671017
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 19.946 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion:167 Resp: 658679
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 20.329 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

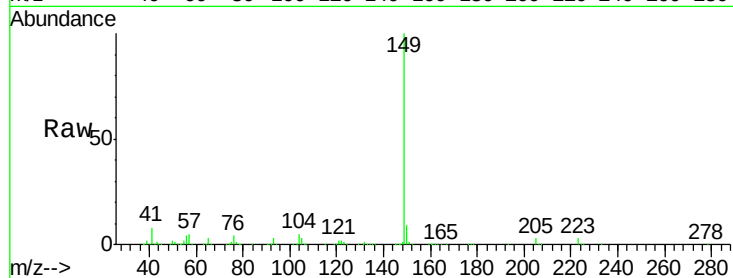
Tot Ion:149 Resp: 840033

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

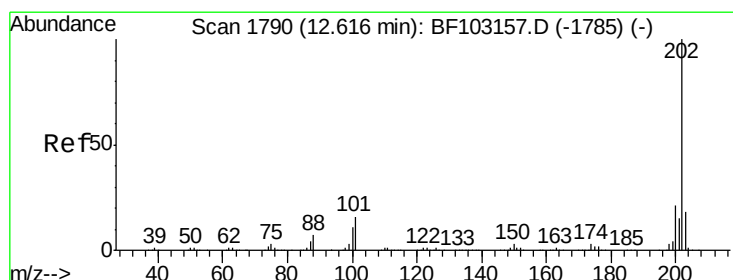
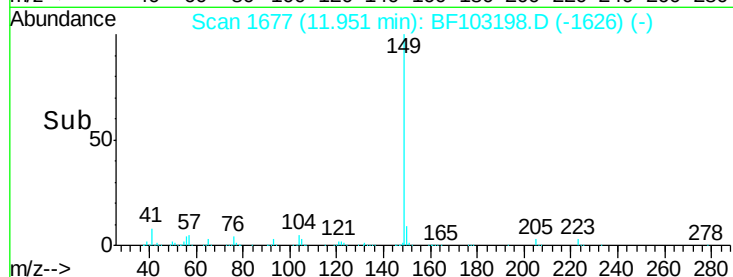
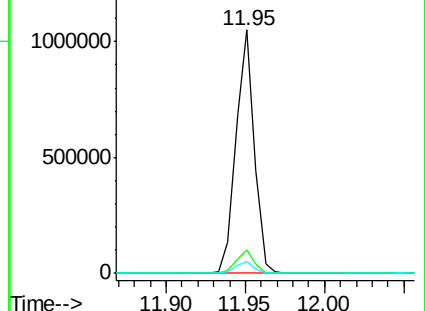
104 4.8 3.8 5.8



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: 19.745 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

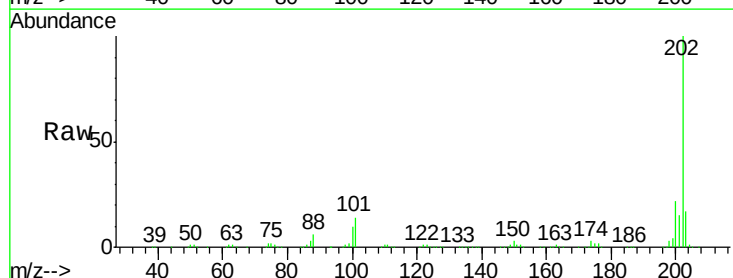
Tgt Ion:202 Resp: 641644

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

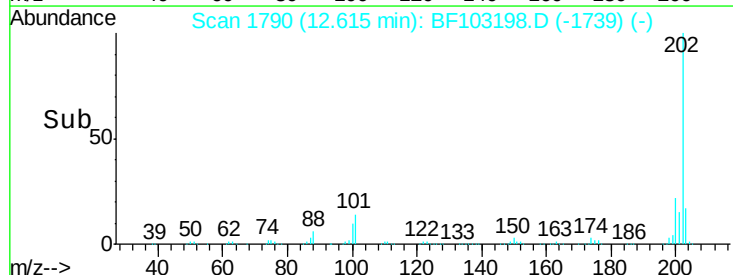
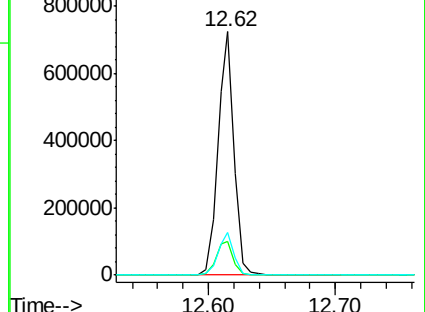
203 17.4 0.0 38.1

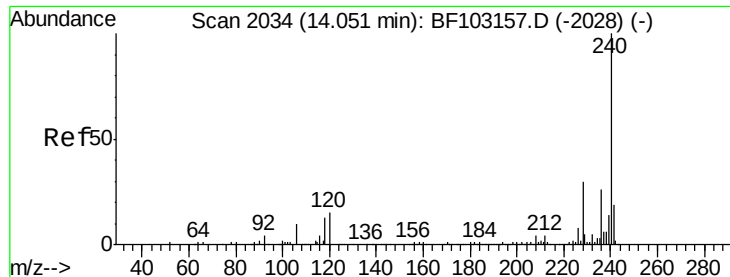


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 2039

Delta R.T. 0.03 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

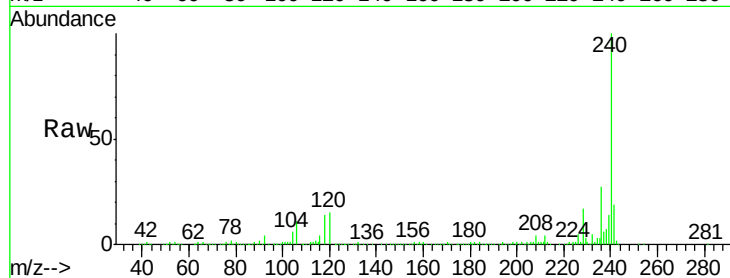
Tot Ion:240 Resp: 427547

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

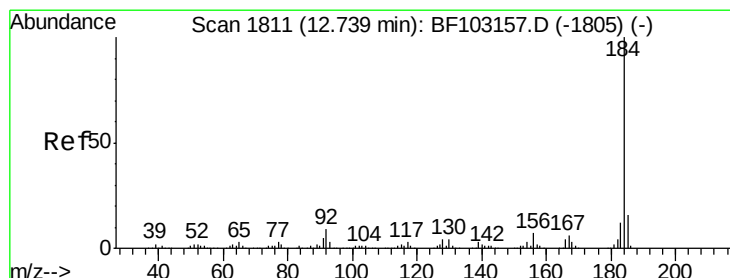
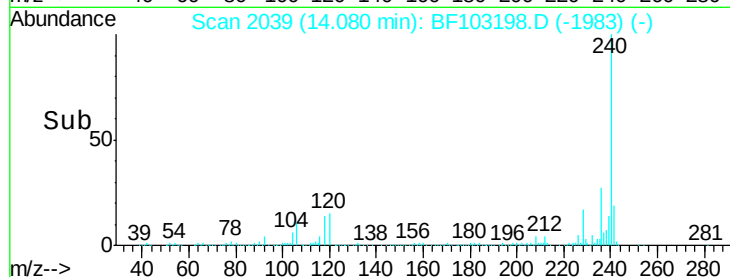
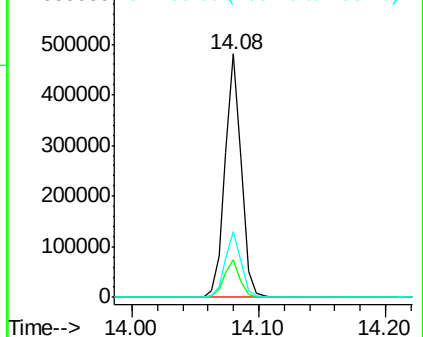
236 27.0 20.7 31.1



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: 12.915 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

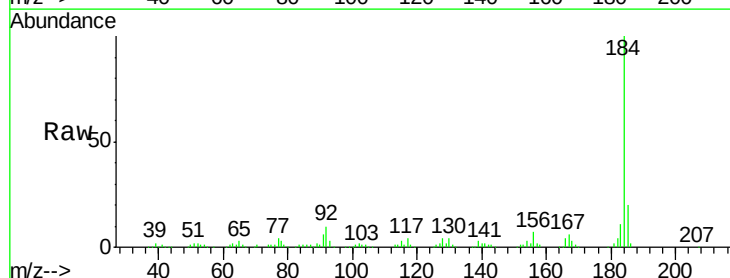
Tgt Ion:184 Resp: 206425

Ion Ratio Lower Upper

184 100

185 19.7 12.6 18.8#

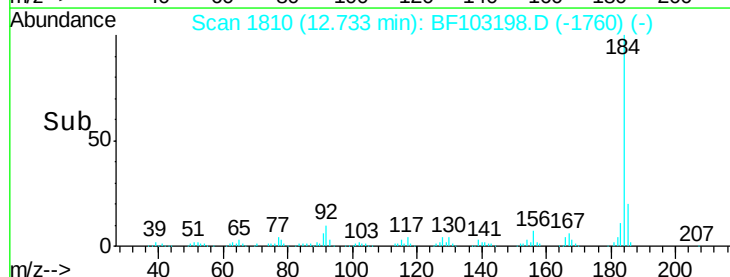
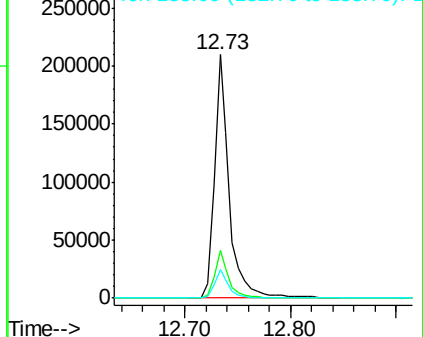
183 11.5 9.3 13.9

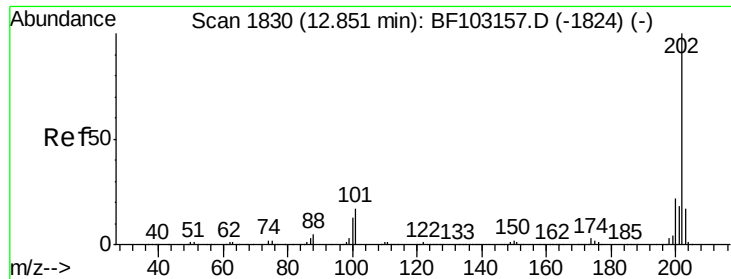


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

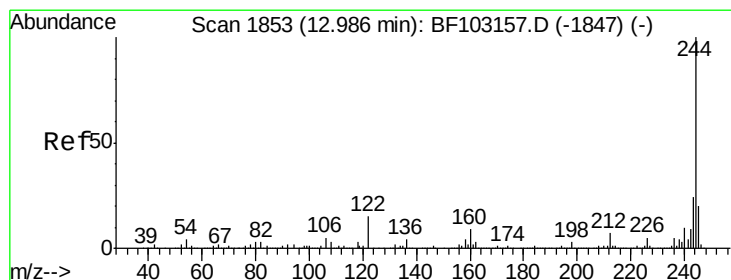
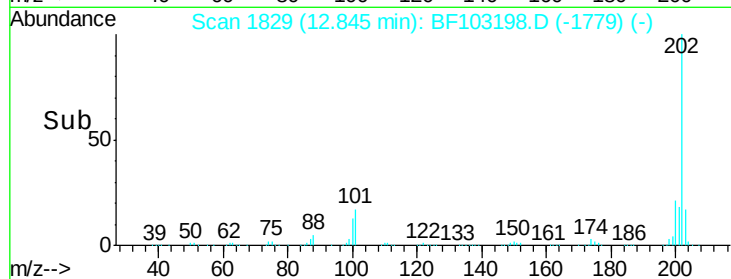
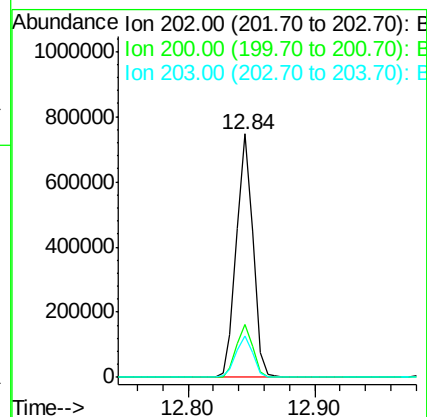
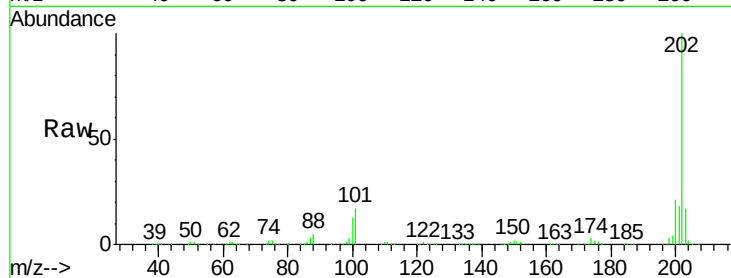




#77
 Pvrene
 Concen: 20.147 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

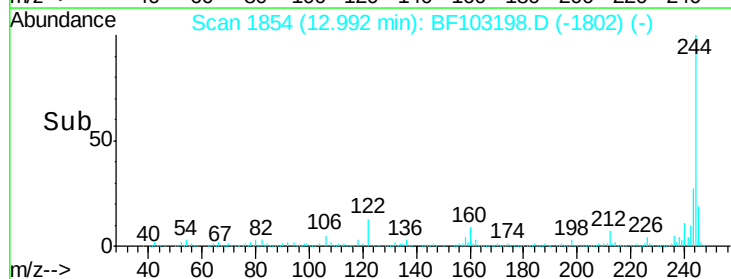
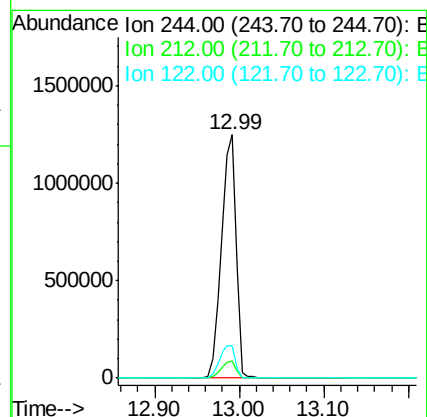
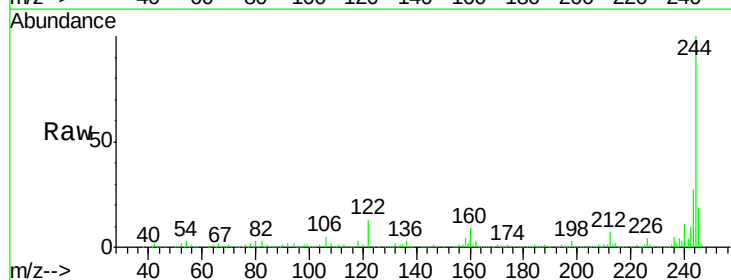
Instrument :
 BNA_F
 ClientSampleId :

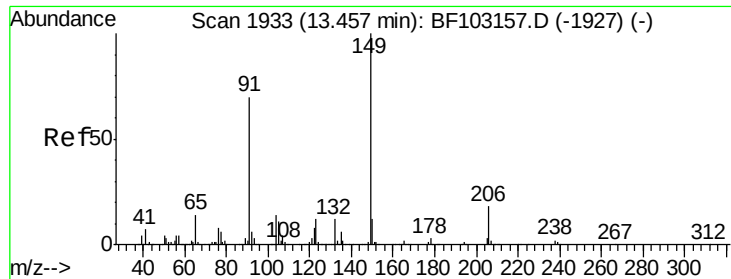
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.1	14.3	21.5



#78
 Terphenyl-d14
 Concen: 86.778 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103198.D
 Acq: 23 Feb 2018 14:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.4	11.0	16.4





#79

Butylbenzylphthalate

Concen: 19.592 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

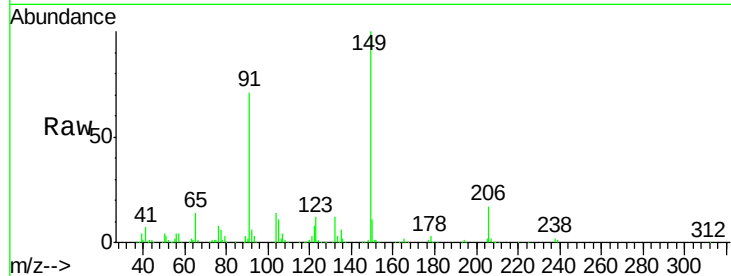
Tot Ion:149 Resp: 345046

Ion Ratio Lower Upper

149 100

91 71.1 56.8 85.2

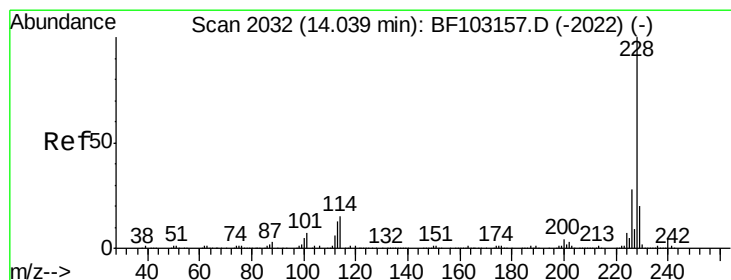
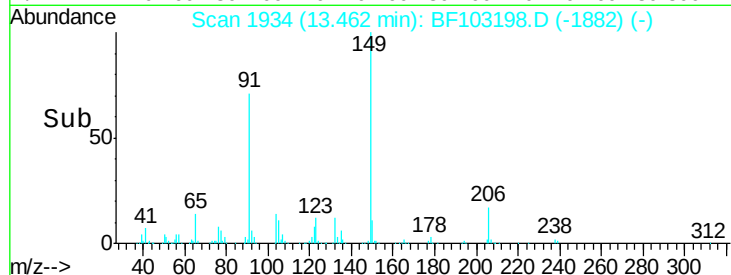
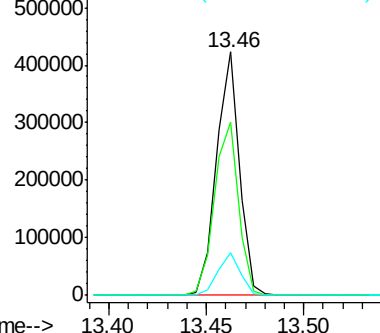
206 17.5 14.1 21.1



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: 19.536 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.03 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

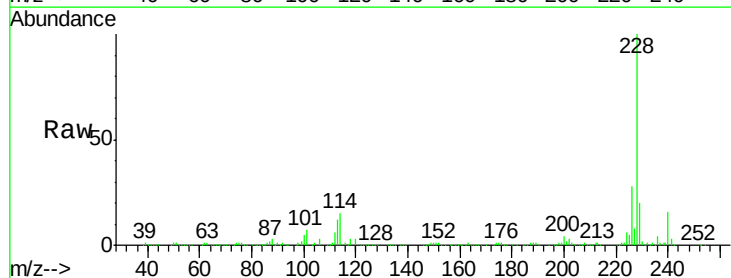
Tgt Ion:228 Resp: 541943

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

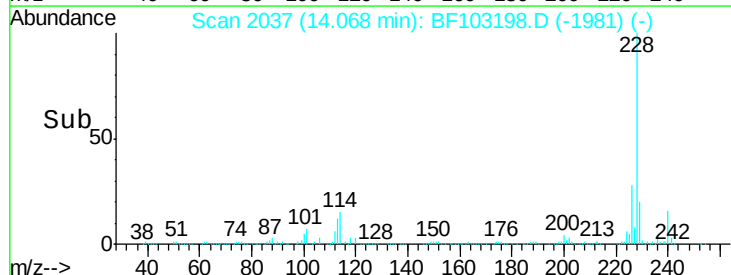
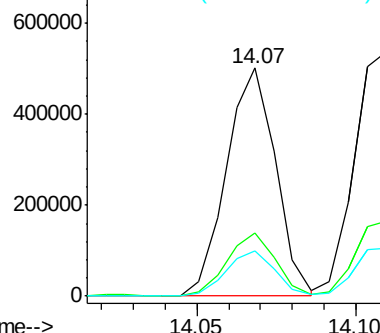
229 19.9 15.8 23.6

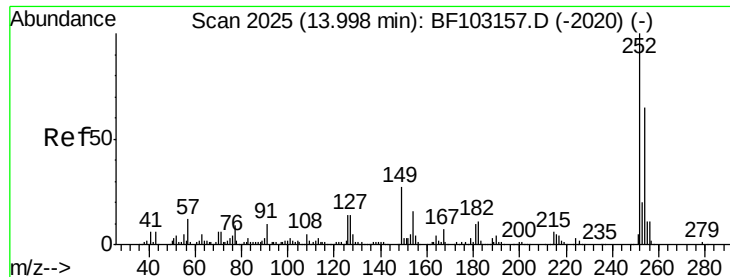


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 18.234 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.03 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampled :

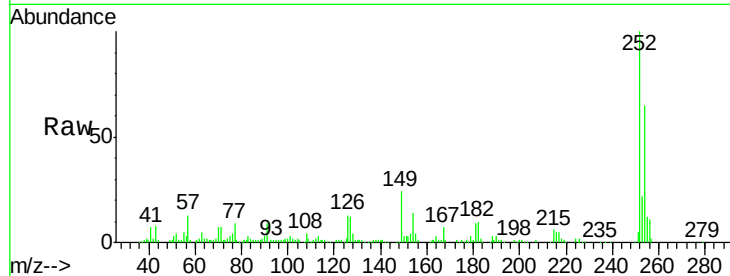
Tot Ion:252 Resp: 180522

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

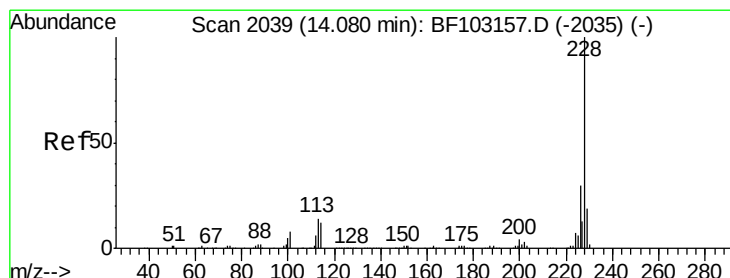
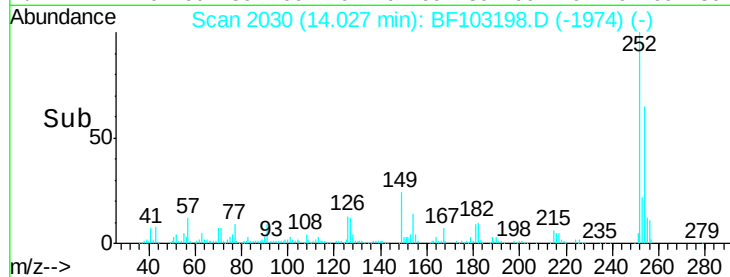
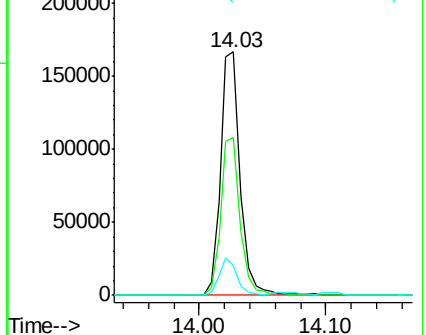
126 12.5 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 19.911 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.03 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

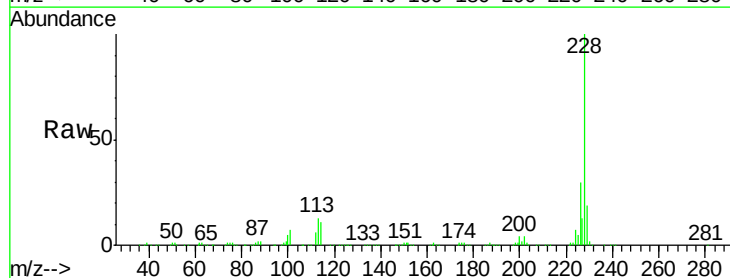
Tgt Ion:228 Resp: 536312

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

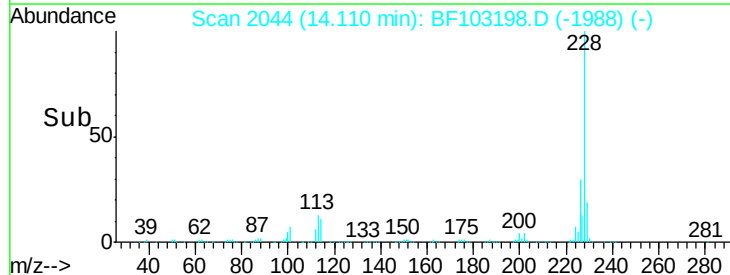
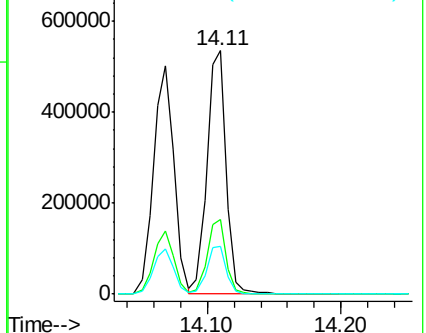
229 19.4 16.2 24.4

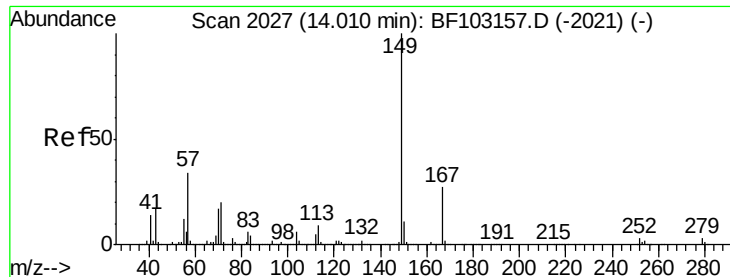


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.654 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.03 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

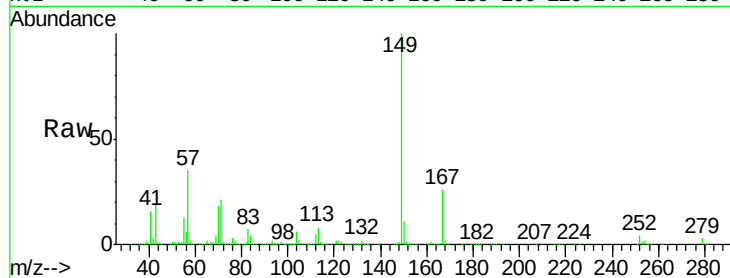
Tot Ion:149 Resp: 490870

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

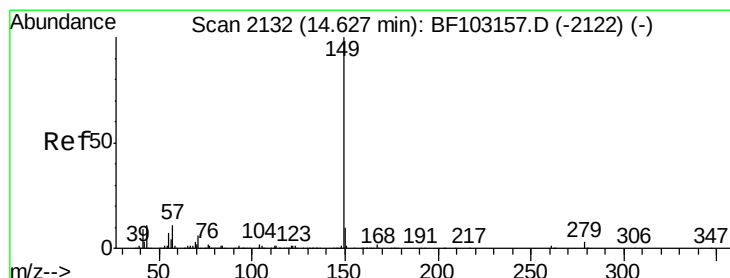
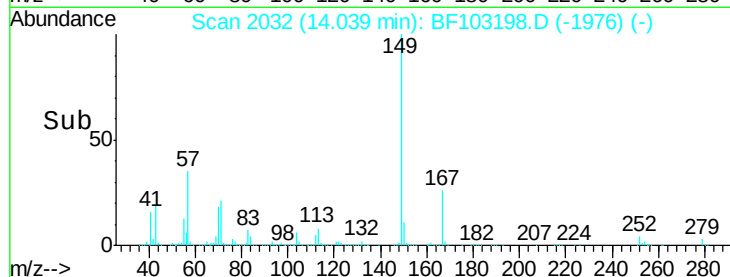
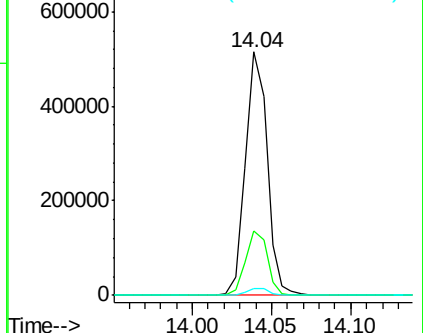
279 3.0 3.0 4.4



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: 19.708 ng

RT: 14.71 min Scan# 2146

Delta R.T. 0.08 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

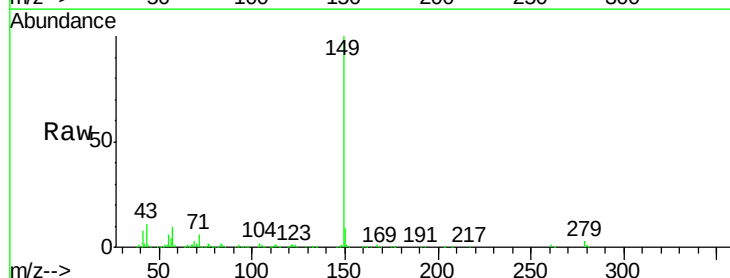
Tgt Ion:149 Resp: 756762

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

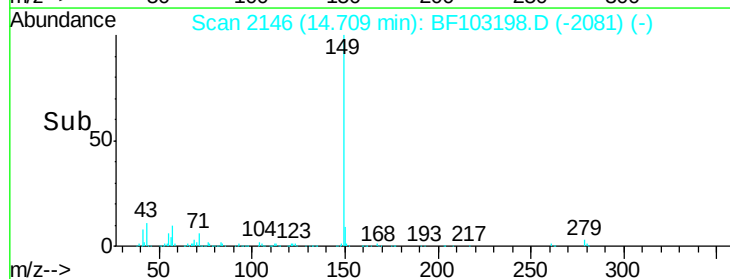
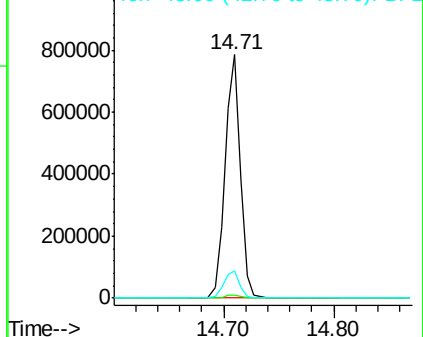
43 11.4 8.4 12.6

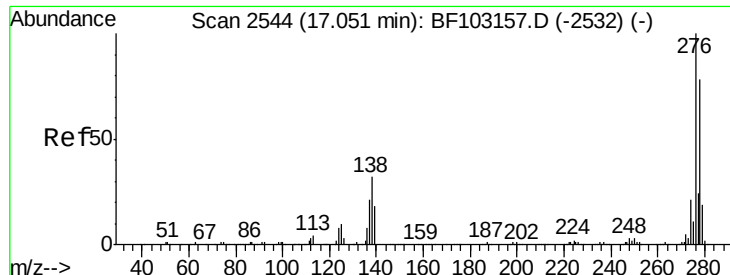


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

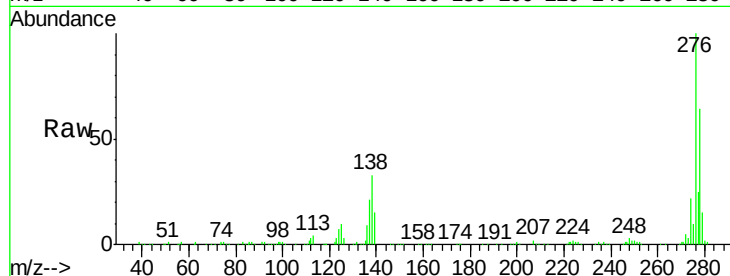




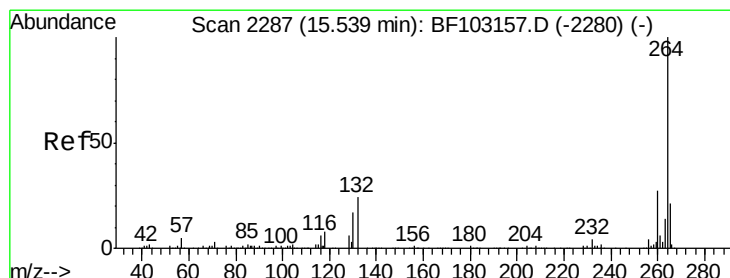
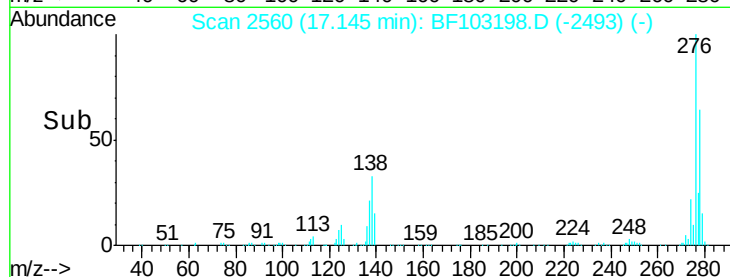
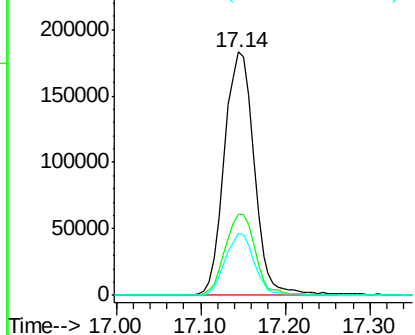
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.079 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.09 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 449494
Ion Ratio Lower Upper
276 100
138 34.3 25.0 37.6
277 24.9 20.1 30.1

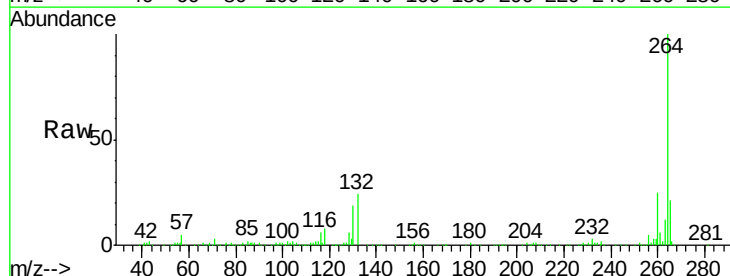


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

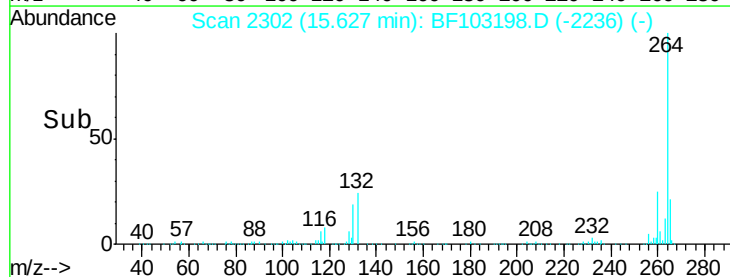
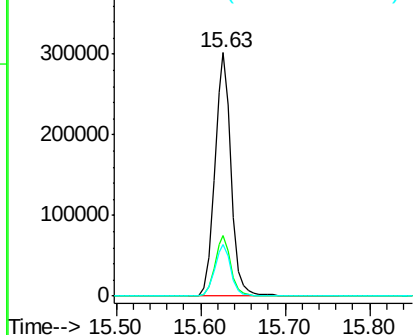


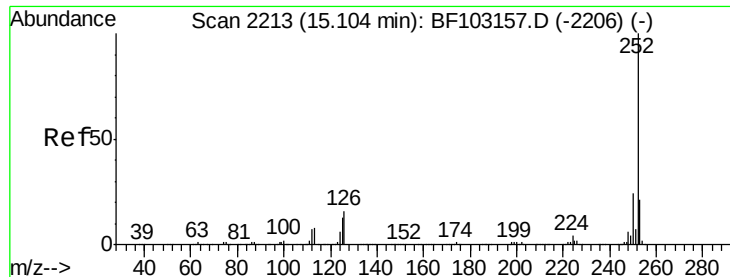
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.09 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:264 Resp: 410436
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.3 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: 18.404 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.08 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

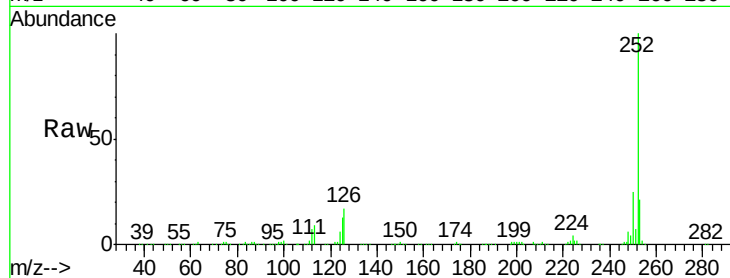
Tot Ion:252 Resp: 496651

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

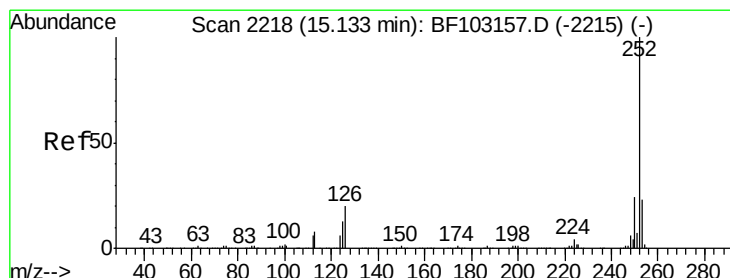
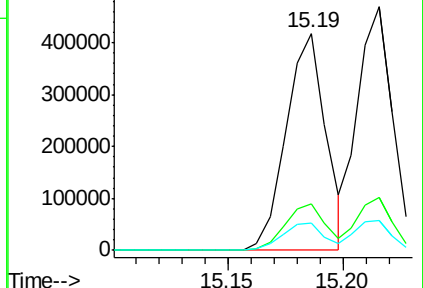
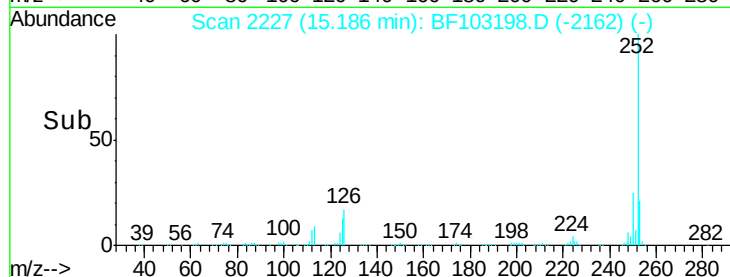
125 12.5 9.0 13.6



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: 19.883 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.08 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

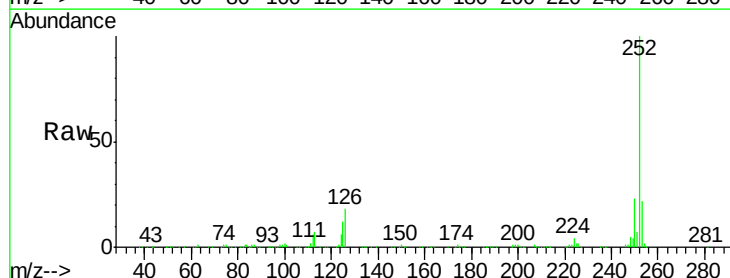
Tgt Ion:252 Resp: 505253

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

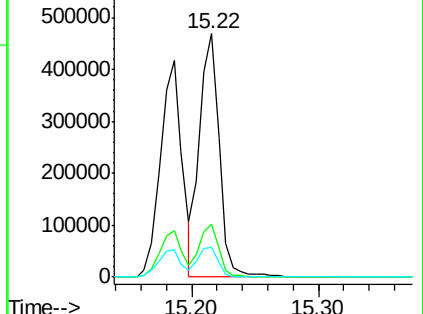
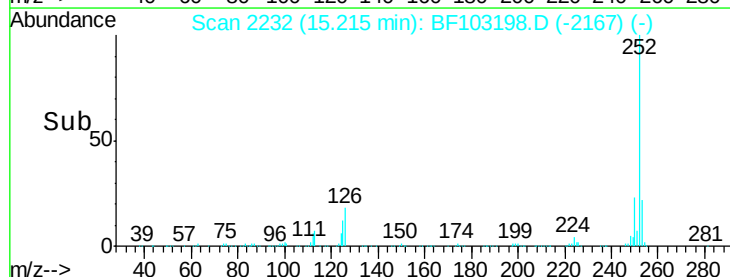
125 12.4 10.2 15.2

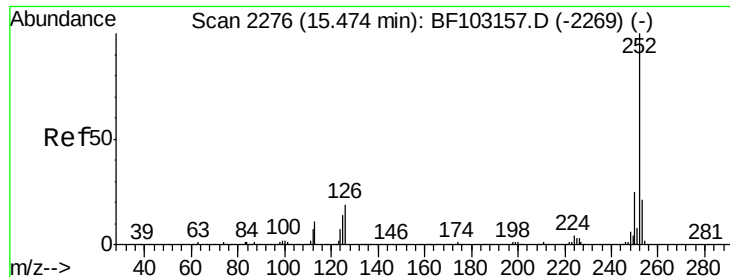


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

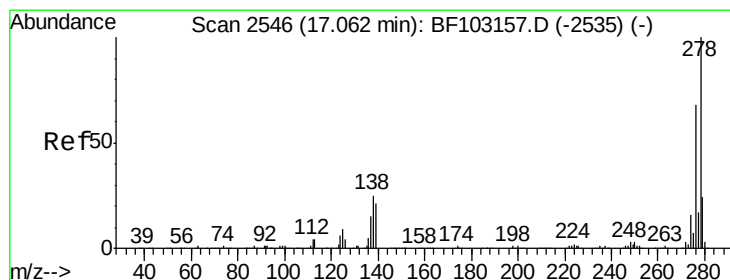
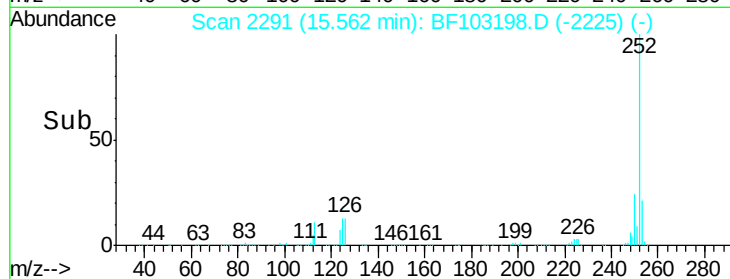
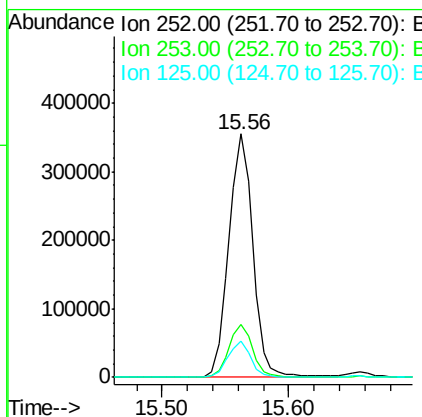
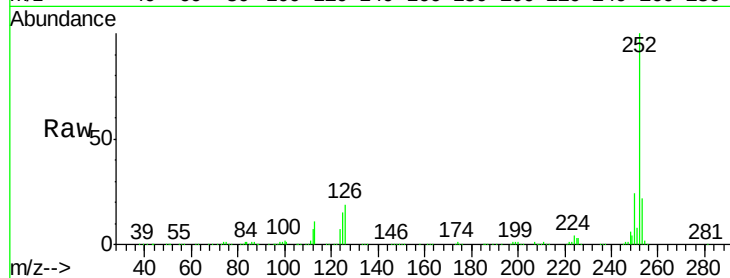




#89
Benzo(a)pyrene
Concen: 19.436 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.09 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

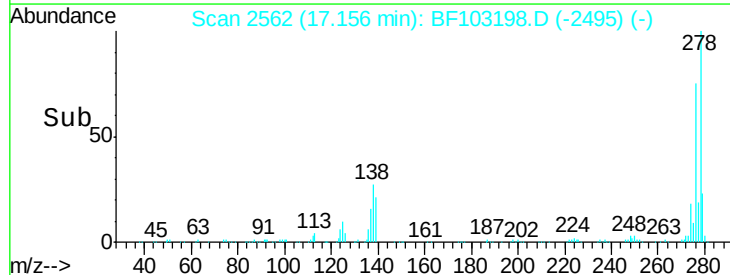
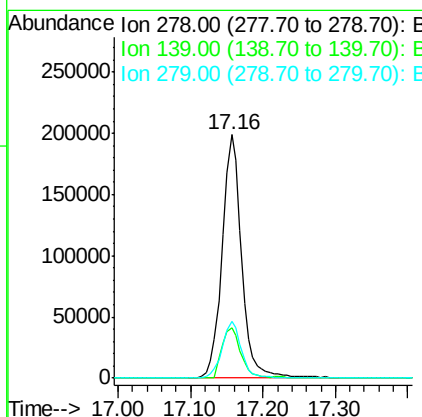
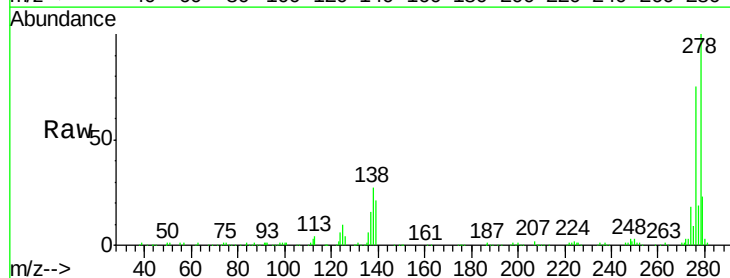
Instrument :
BNA_F
ClientSampleId :

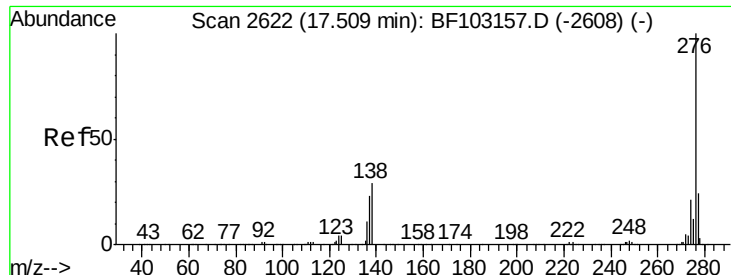
Tot Ion:252 Resp: 468385
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 20.099 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.09 min
Lab File: BF103198.D
Acq: 23 Feb 2018 14:38

Tgt Ion:278 Resp: 374262
Ion Ratio Lower Upper
278 100
139 20.6 15.9 23.9
279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 20.524 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.09 min

Lab File: BF103198.D

Acq: 23 Feb 2018 14:38

Instrument :

BNA_F

ClientSampleId :

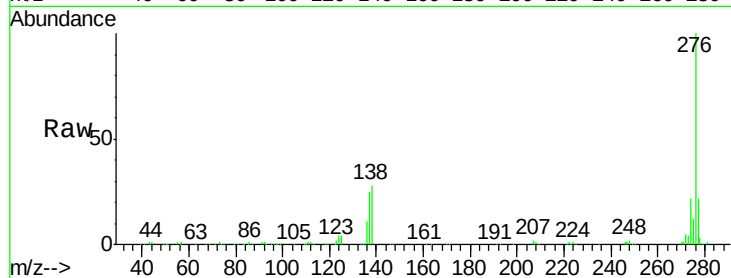
Tot Ion:276 Resp: 373519

Ion Ratio Lower Upper

276 100

277 22.0 17.9 26.9

138 28.2 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

