

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103552.D
 Acq On : 9 Mar 2018 11:21
 Operator : SJ/JU
 Sample : PB107144BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 11:51:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120159	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	515640	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	226089	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	404230	20.00	ng	0.00
75) Chrysene-d12	14.06	240	291134	20.00	ng	0.00
86) Perylene-d12	15.57	264	273944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1432586	180.32	ng	0.02
7) Phenol-d6	6.51	99	1677326	172.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	748946	82.95	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	292795	153.00	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1069103	80.41	ng	0.00
78) Terphenyl-d14	12.99	244	1013496	83.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	192794	45.946	ng	94
3) Pyridine	3.55	79	405907	36.234	ng	96
4) n-Nitrosodimethylamine	3.46	42	227450	50.344	ng	92
6) Aniline	6.53	93	442582	31.544	ng	# 68
8) 2-Chlorophenol	6.66	128	384917	46.638	ng	95
9) Benzaldehyde	6.43	77	136723	20.034	ng	97
10) Phenol	6.52	94	491306	43.533	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	404299	47.200	ng	94
12) 1,3-Dichlorobenzene	6.80	146	408452	43.306	ng	97
13) 1,4-Dichlorobenzene	6.88	146	436593	46.171	ng	99
14) 1,2-Dichlorobenzene	7.03	146	375630	43.080	ng	99
15) Benzyl Alcohol	7.02	79	317214	43.301	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	618260	42.033	ng	67
17) 2-Methylphenol	7.13	107	326981	43.596	ng	# 84
18) Hexachloroethane	7.36	117	155320	45.120	ng	90
19) n-Nitroso-di-n-propylamine	7.27	70	286565	47.363	ng	94
20) 3+4-Methylphenols	7.28	107	429807	47.010	ng	# 54
22) Acetophenone	7.28	105	558042	46.365	ng	# 89
24) Nitrobenzene	7.45	77	460906	46.364	ng	94
25) Isophorone	7.69	82	829772	46.661	ng	96
26) 2-Nitrophenol	7.77	139	222232	47.487	ng	93
27) 2,4-Dimethylphenol	7.80	122	364139	50.904	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	505392	48.338	ng	99
29) 2,4-Dichlorophenol	8.02	162	334537	48.847	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	307510	42.164	ng	98
31) Naphthalene	8.17	128	1106278	43.822	ng	100
32) Benzoic acid	7.95	122	122806	26.721	ng	97
33) 4-Chloroaniline	8.23	127	297334	27.294	ng	97
34) Hexachlorobutadiene	8.27	225	152346	40.114	ng	99
35) Caprolactam	8.61	113	111473	46.312	ng	# 81
36) 4-Chloro-3-methylphenol	8.72	107	373525	48.354	ng	97
37) 2-Methylnaphthalene	8.86	142	728022	44.622	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	269180	43.551	ng	98
40) Hexachlorocyclopentadiene	9.00	237	106318	52.264	ng	97

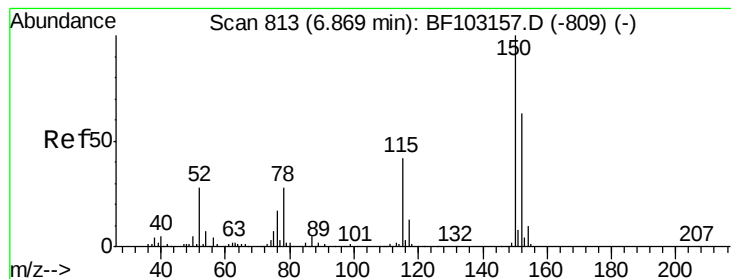
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103552.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	178090	42.821	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	192615	40.268	nq	96
45) 1,1'-Biphenyl	9.32	154	823738	43.480	nq	98
46) 2-Chloronaphthalene	9.36	162	662539	44.204	nq	98
47) 2-Nitroaniline	9.46	65	274312	49.409	nq	88
48) Acenaphthylene	9.77	152	983826	42.662	nq	100
49) Dimethylphthalate	9.62	163	734538	40.499	nq	99
50) 2,6-Dinitrotoluene	9.70	165	165317	43.434	nq #	69
51) Acenaphthene	9.94	154	580328	43.157	nq	100
52) 3-Nitroaniline	9.87	138	159841	33.101	nq	96
53) 2,4-Dinitrophenol	10.00	184	88867	66.486	nq #	20
54) Dibenzofuran	10.12	168	824954	44.690	nq	95
55) 4-Nitrophenol	10.06	139	157204	52.526	nq #	83
56) 2,4-Dinitrotoluene	10.12	165	202978	42.166	nq #	72
57) Fluorene	10.46	166	679363	43.203	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	142496	44.346	nq	96
59) Diethylphthalate	10.32	149	758702	43.737	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	298656	44.787	nq	99
61) 4-Nitroaniline	10.50	138	210778	43.700	nq	98
62) Azobenzene	10.60	77	836791	47.391	nq	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	83475	35.388	nq	91
65) n-Nitrosodiphenylamine	10.57	169	608807	43.255	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	171937	40.832	nq	98
67) Hexachlorobenzene	11.01	284	181520	39.716	nq	98
68) Atrazine	11.10	200	181492	42.902	nq	98
69) Pentachlorophenol	11.22	266	118708	53.716	nq	97
70) Phenanthrene	11.43	178	949140	42.666	nq	99
71) Anthracene	11.48	178	1025035	44.934	nq	100
72) Carbazole	11.64	167	1012605	44.575	nq	99
73) Di-n-butylphthalate	11.95	149	1212832	42.667	nq	99
74) Fluoranthene	12.62	202	975321	43.629	nq	99
76) Benzidine	12.75	184	532193	48.896	nq	98
77) Pyrene	12.86	202	991387	43.676	nq	99
79) Butylbenzylphthalate	13.45	149	539367	44.975	nq	94
80) Benzo(a)anthracene	14.05	228	823314	43.585	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	210033	31.156	nq	99
82) Chrysene	14.09	228	817348	44.563	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	662866	40.959	nq #	99
84) Di-n-octyl phthalate	14.63	149	1226769	46.917	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	642960	44.279	nq	97
87) Benzo(b)fluoranthene	15.13	252	743538	41.281	nq	97
88) Benzo(k)fluoranthene	15.16	252	741335	43.709	nq	99
89) Benzo(a)pyrene	15.51	252	702916	43.702	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	538641	43.339	nq	97
91) Benzo(g,h,i)perylene	17.58	276	554827	45.676	nq	95

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

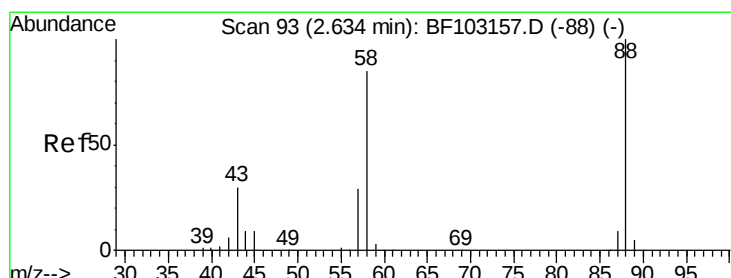
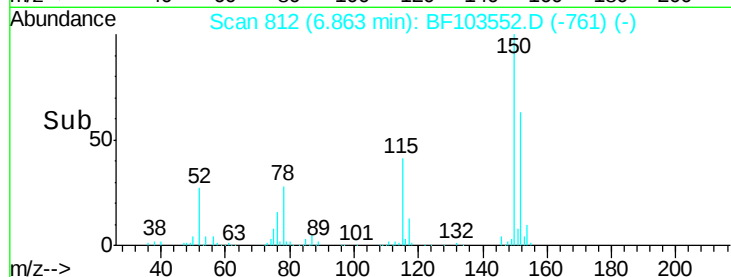
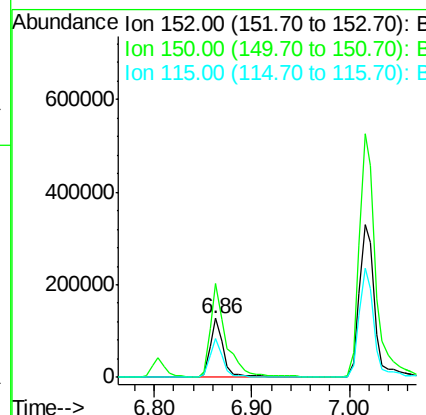
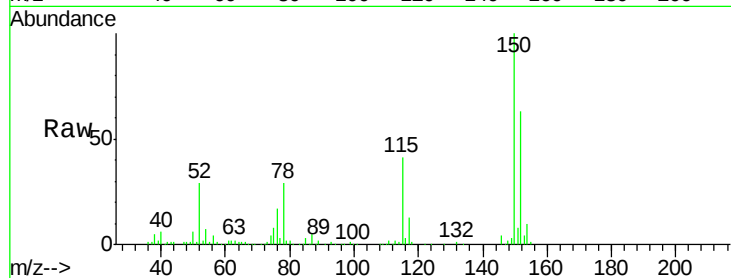


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampleId :

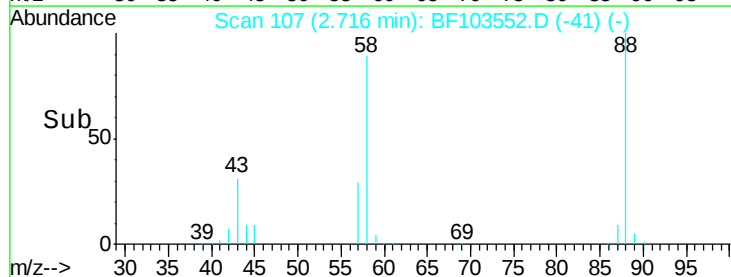
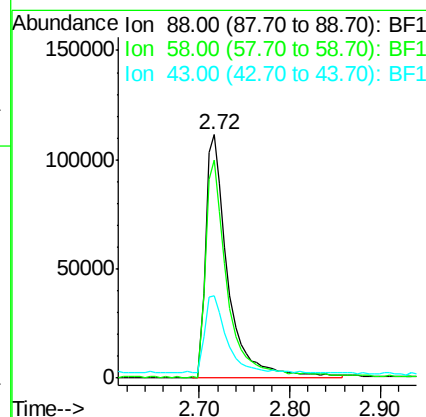
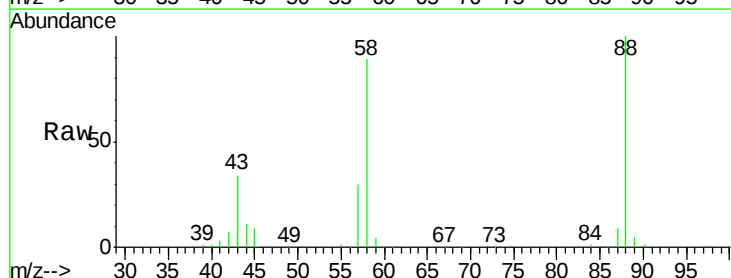
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	64.8	50.1	75.1

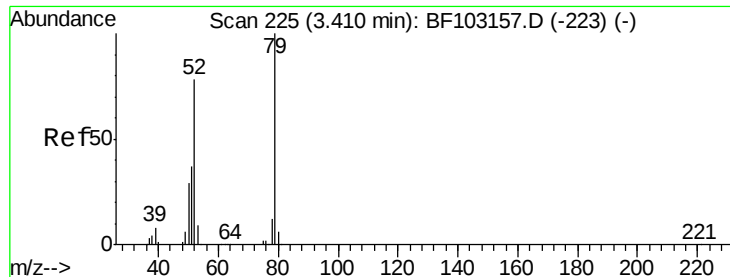


#2

1,4-Dioxane
Concen: 45.946 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	62.6	93.8
43	31.6	24.6	37.0





#3

Pvridine

Concen: 36.234 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.12 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

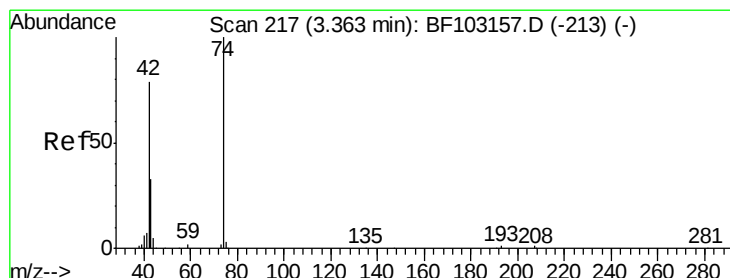
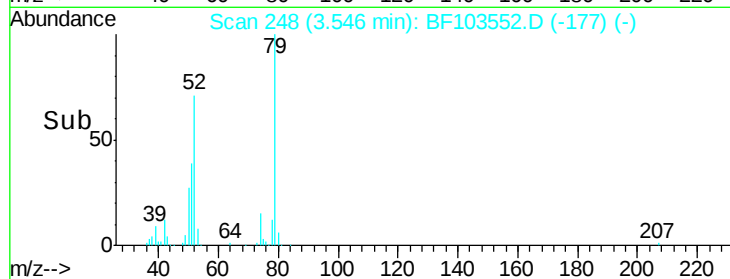
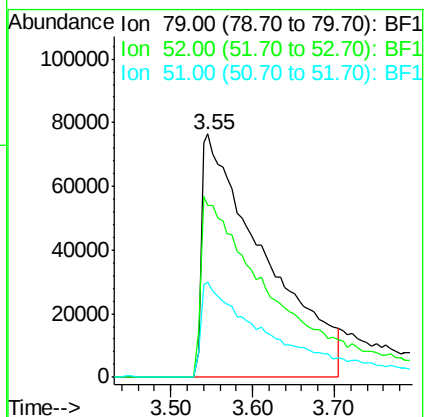
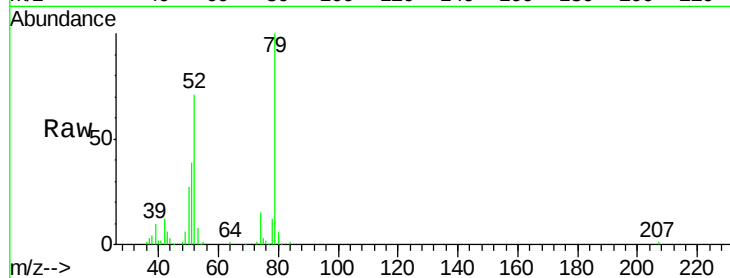
Tot Ion: 79 Resp: 405907

Ion Ratio Lower Upper

79 100

52 70.8 59.8 89.6

51 38.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 50.344 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

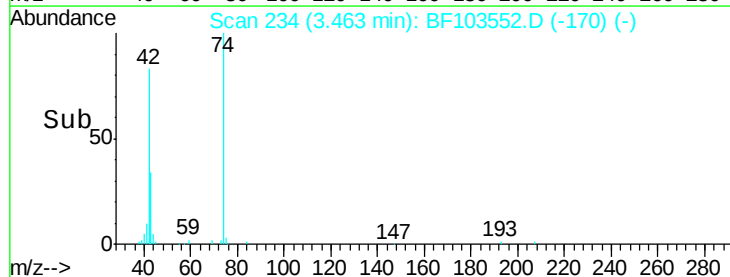
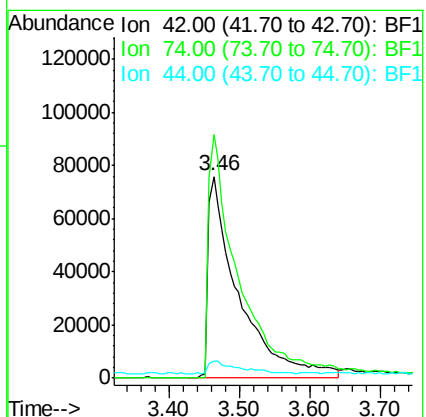
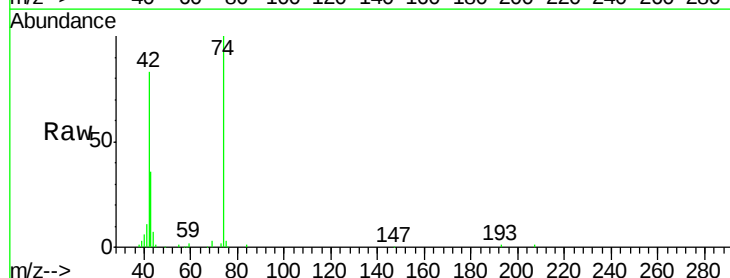
Tgt Ion: 42 Resp: 227450

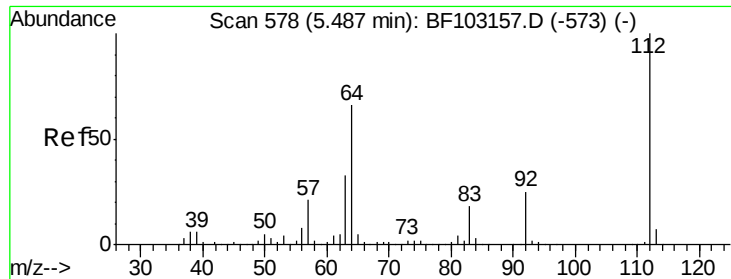
Ion Ratio Lower Upper

42 100

74 120.7 104.9 157.3

44 8.7 6.9 10.3

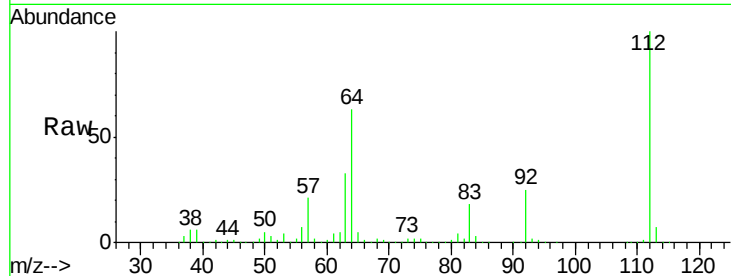




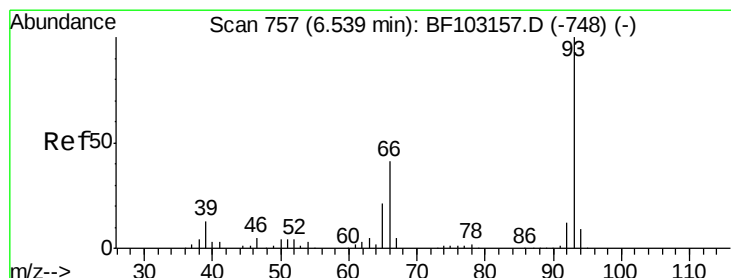
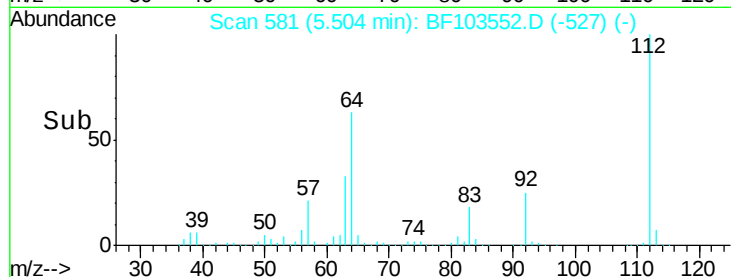
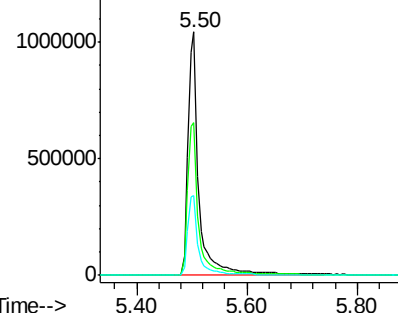
#5
2-Fluorophenol
Concen: 180.318 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1432586
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.9 23.7 35.5

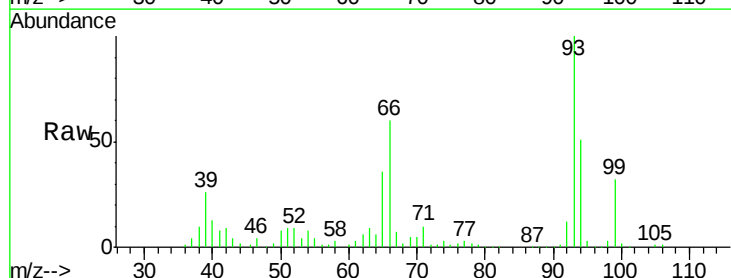


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

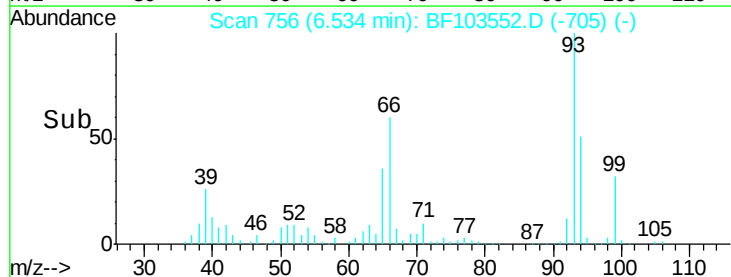
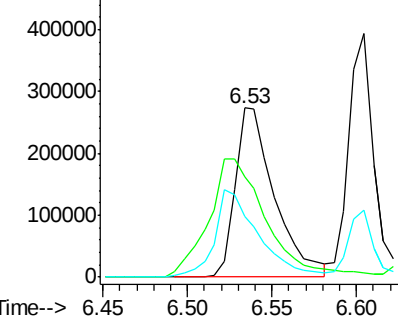


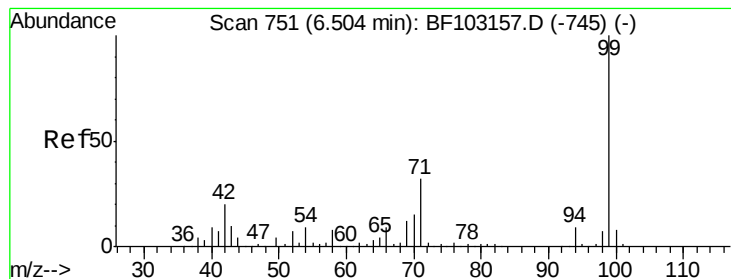
#6
Aniline
Concen: 31.544 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion: 93 Resp: 442582
Ion Ratio Lower Upper
93 100
66 59.6 32.2 48.2#
65 36.2 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: 172.536 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

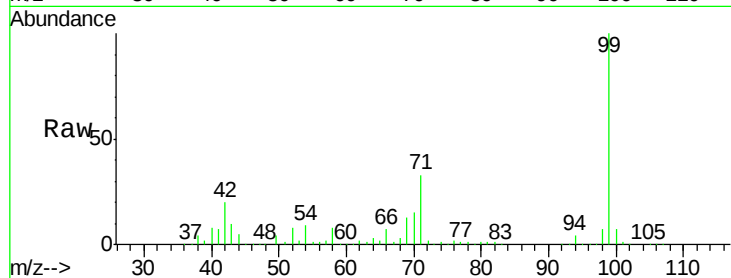
Tot Ion: 99 Resp: 1677326

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.3	25.4	38.0

99 100

42 20.2 14.5 21.7

71 33.3 25.4 38.0

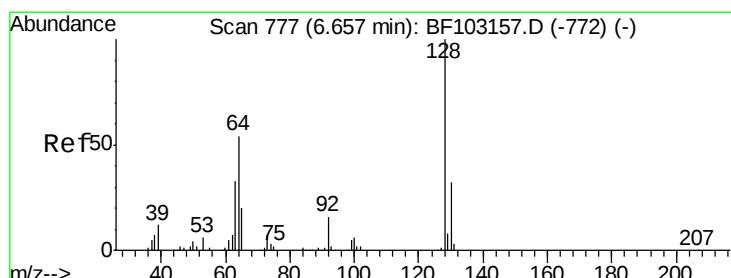
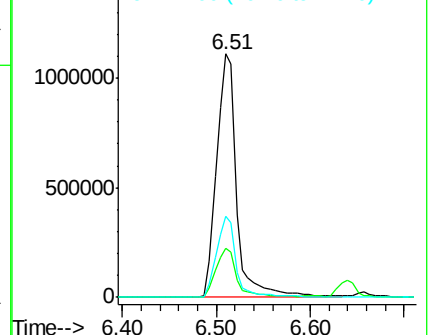
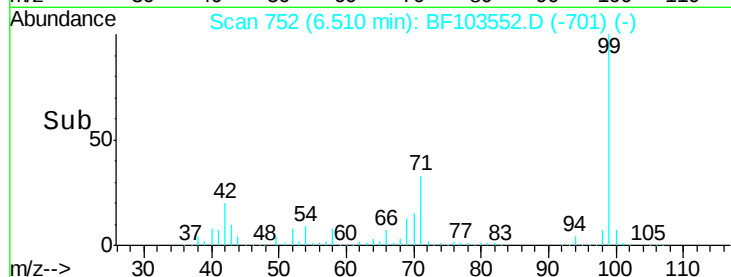


Abundance

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: 46.638 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

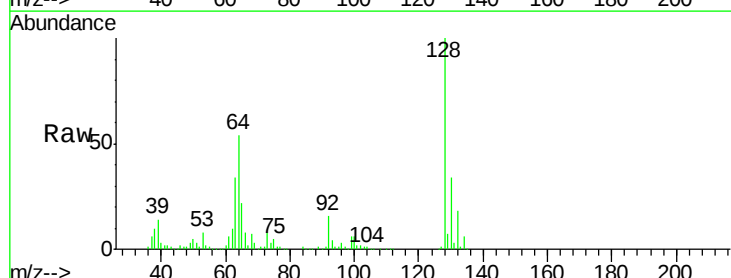
Tgt Ion: 128 Resp: 384917

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.0	53.0
64	54.4	29.4	69.4

128 100

130 33.6 13.0 53.0

64 54.4 29.4 69.4

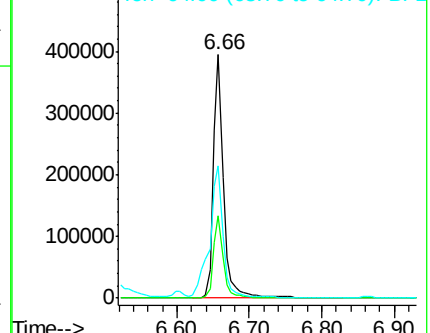
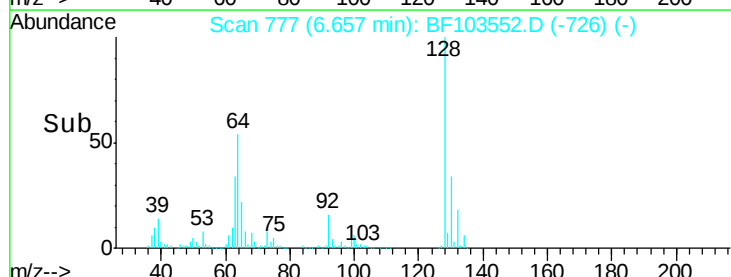


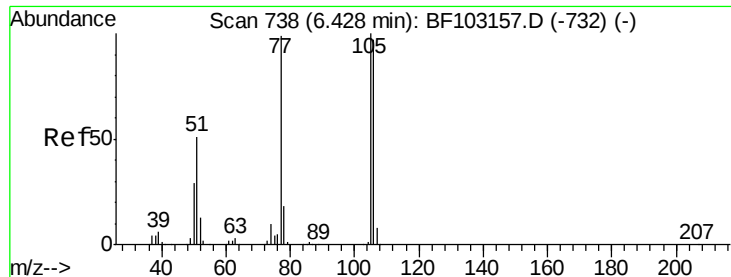
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.034 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

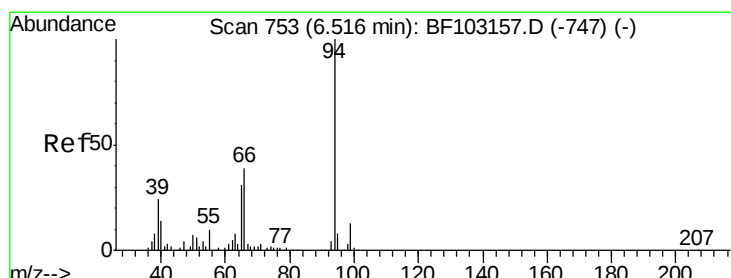
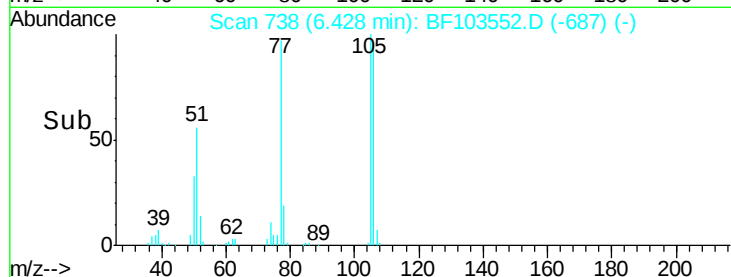
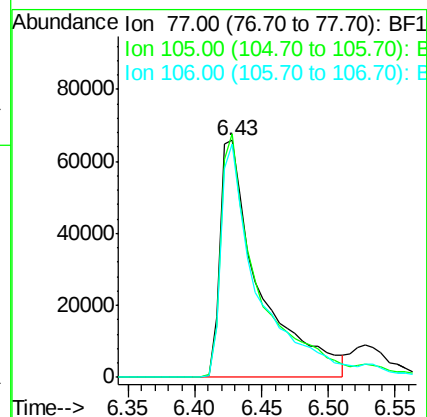
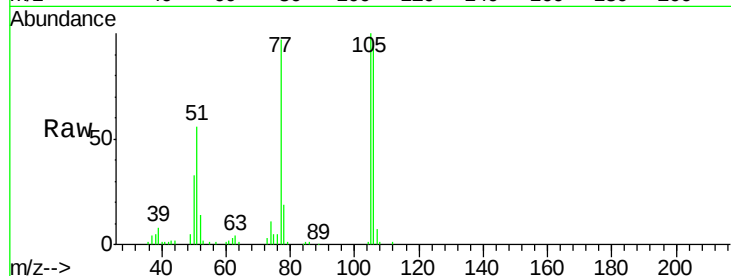
Tot Ion: 77 Resp: 136723

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

106 98.6 74.5 114.5



#10

Phenol

Concen: 43.533 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

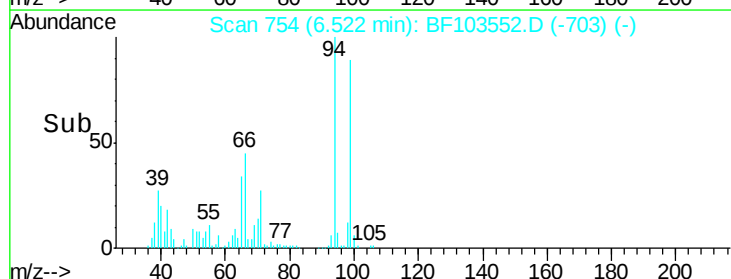
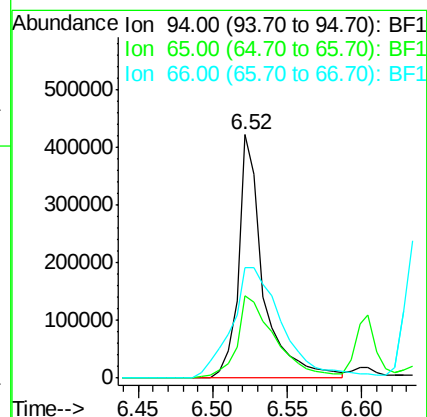
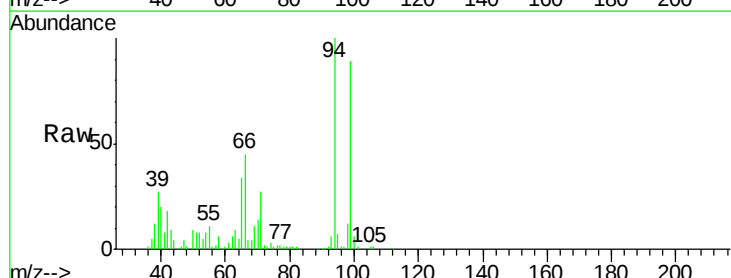
Tgt Ion: 94 Resp: 491306

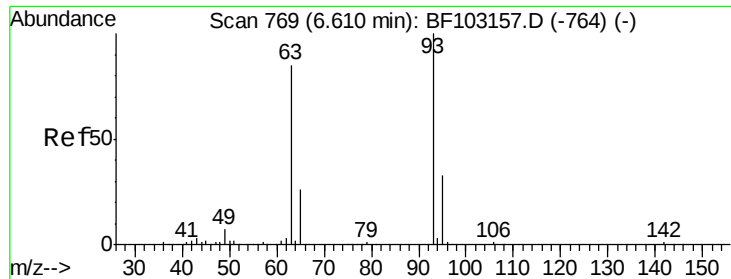
Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

66 45.5 16.2 56.2

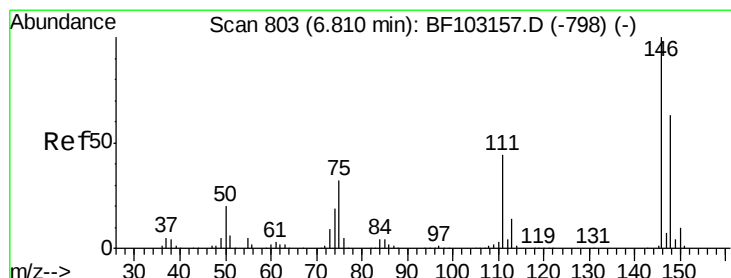
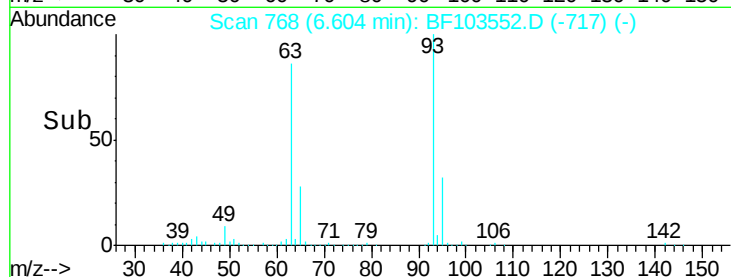
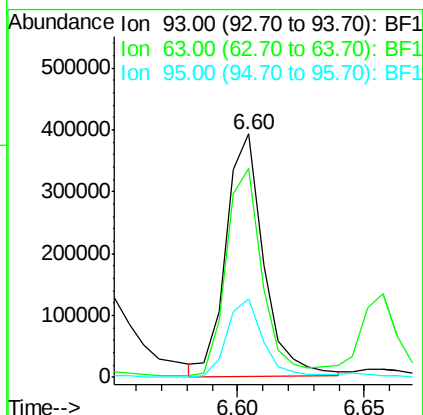
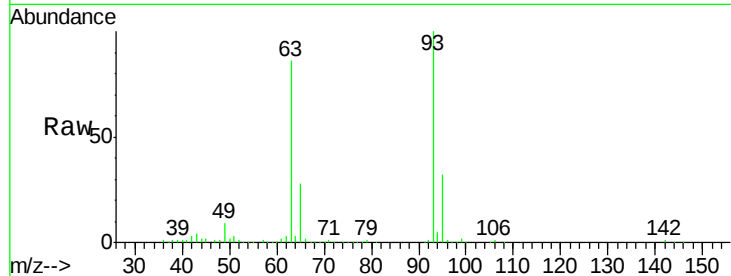




#11
bis(2-Chloroethyl)ether
Concen: 47.200 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

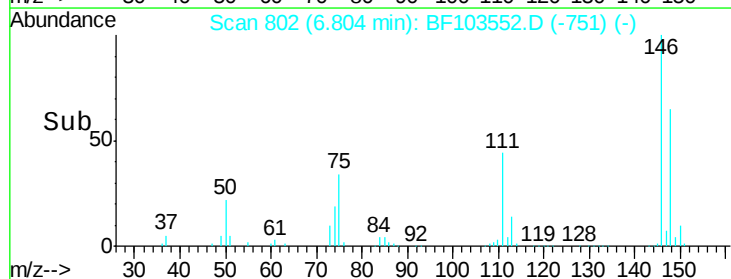
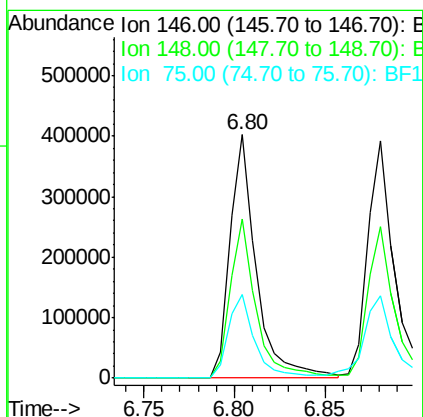
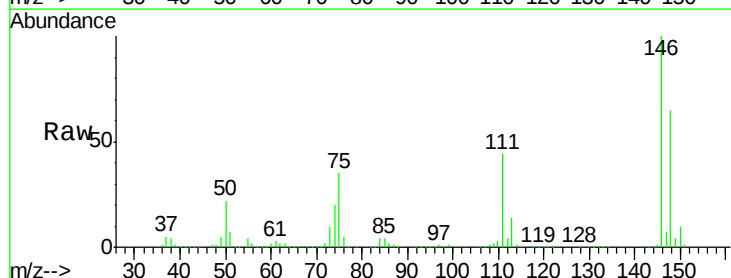
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 404299
Ion Ratio Lower Upper
93 100
63 85.6 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.306 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion: 146 Resp: 408452
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 34.5 24.2 36.4

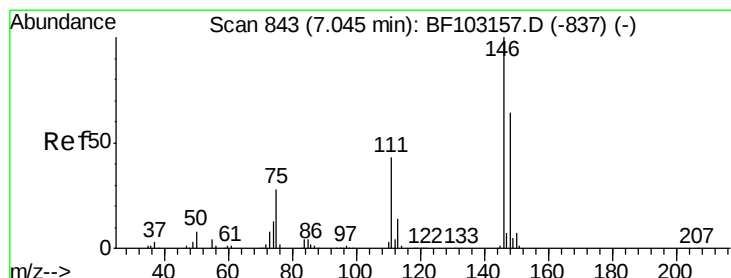
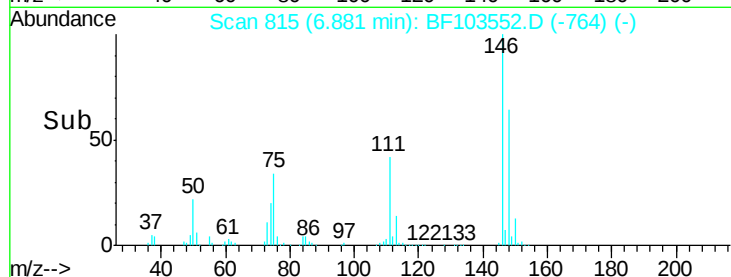
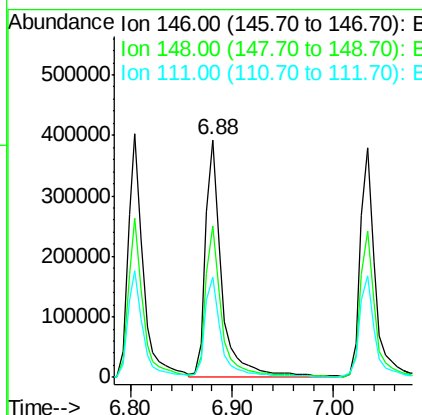
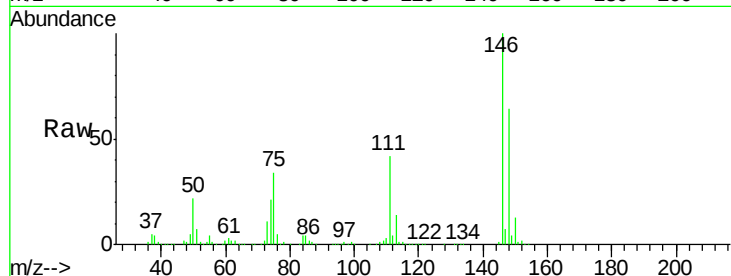




#13
1,4-Dichlorobenzene
Concen: 46.171 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

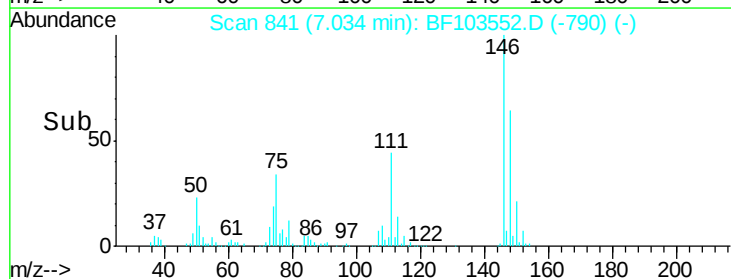
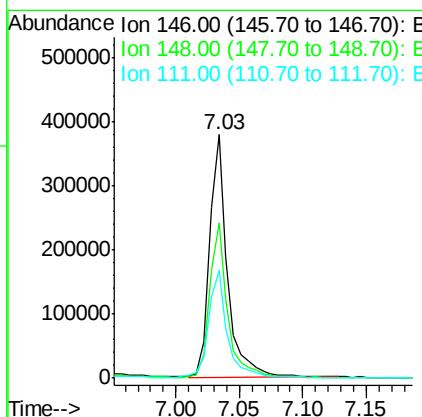
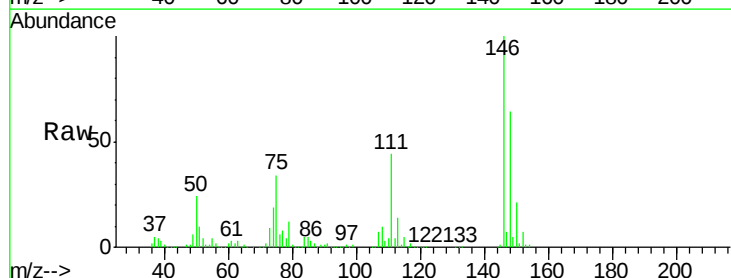
Instrument :
BNA_F
ClientSampleId :

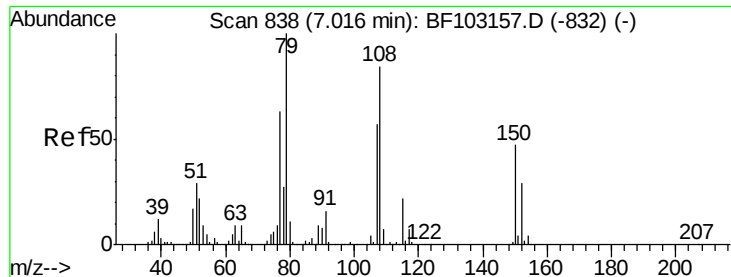
Tot Ion:146 Resp: 436593
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 42.4 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 43.080 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:146 Resp: 375630
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 43.301 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampled :

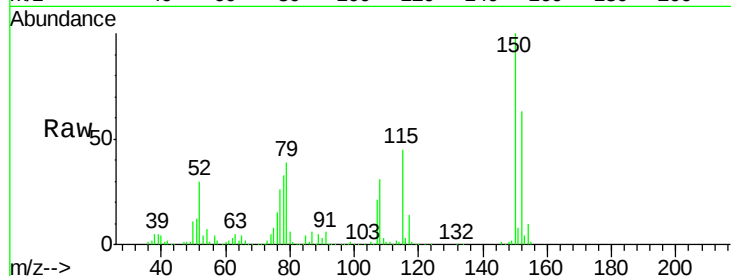
Tot Ion: 79 Resp: 317214

Ion Ratio Lower Upper

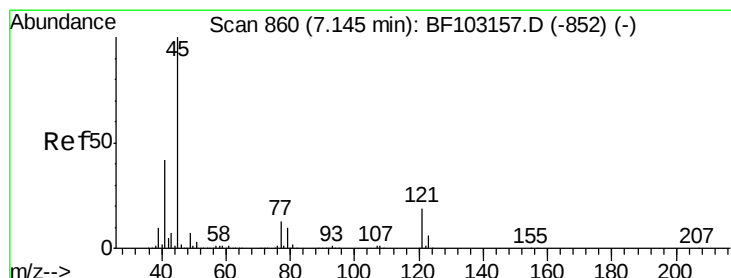
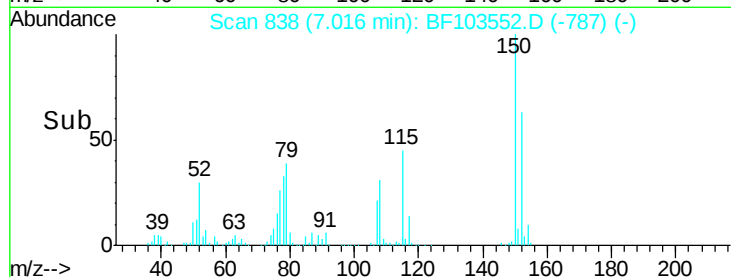
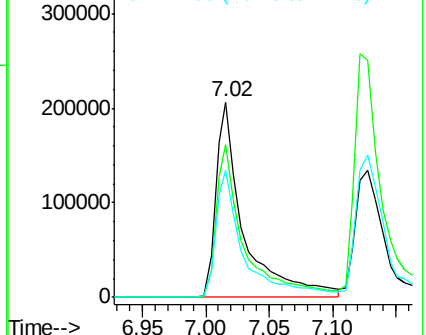
79 100

108 78.3 65.1 97.7

77 65.3 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: 42.033 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

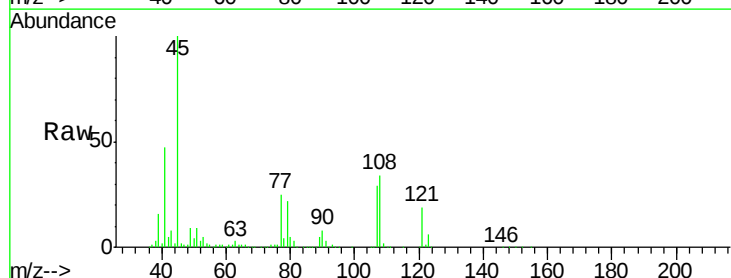
Tgt Ion: 45 Resp: 618260

Ion Ratio Lower Upper

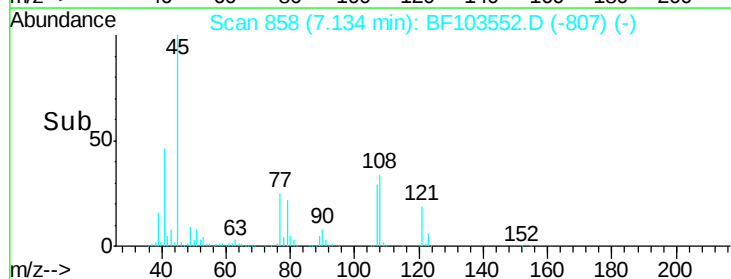
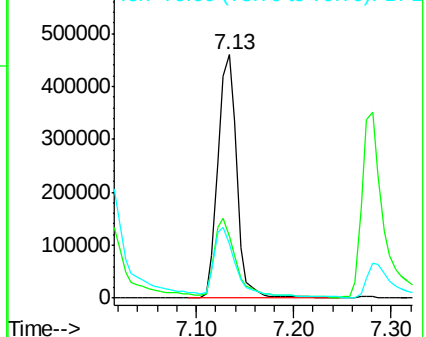
45 100

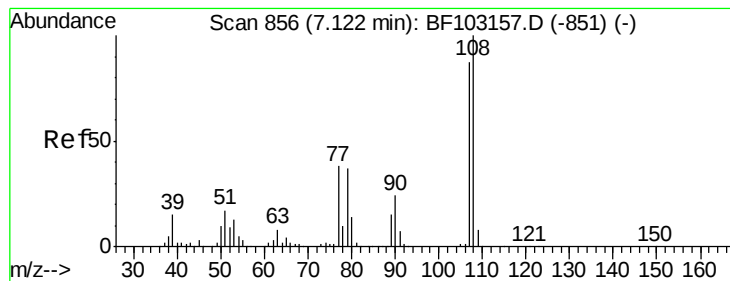
77 25.5 0.0 32.9

79 22.4 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

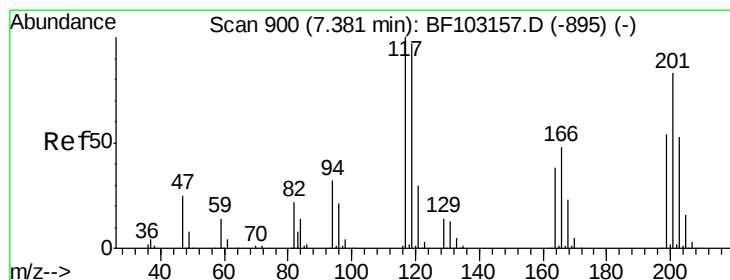
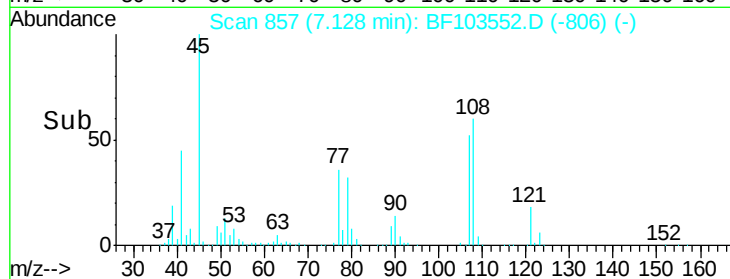
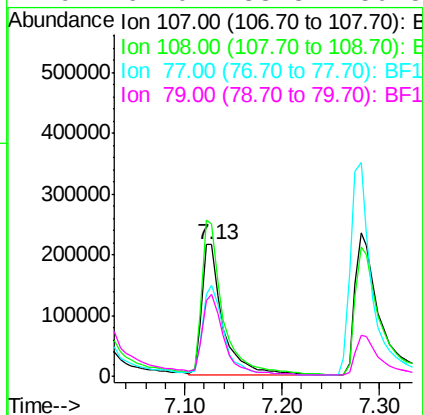
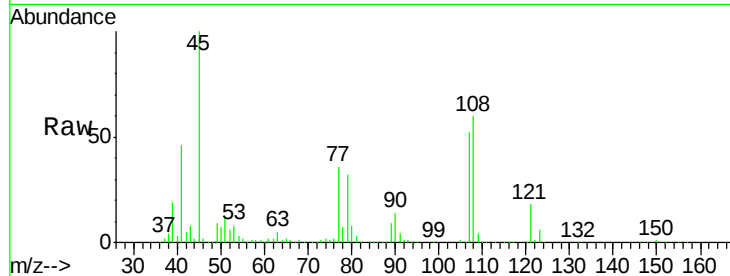




#17
2-Methylphenol
Concen: 43.596 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

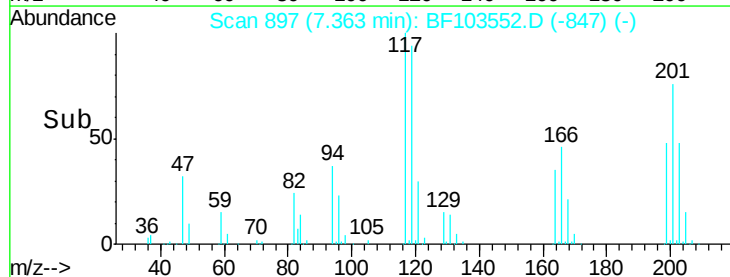
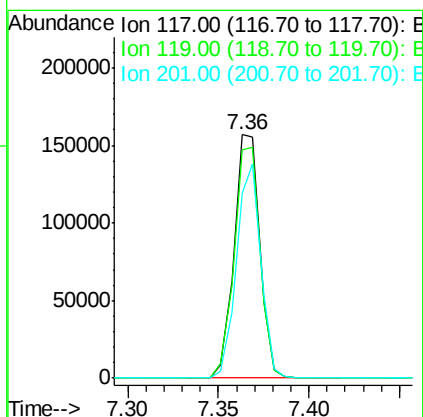
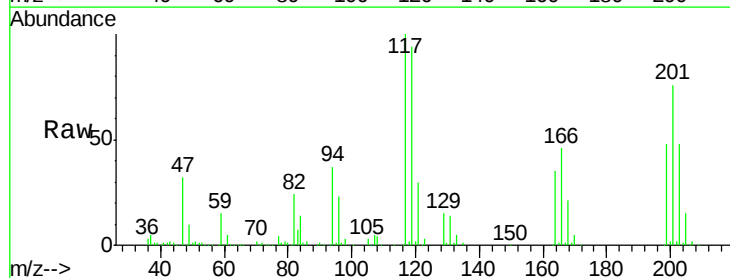
Instrument :
BNA_F
ClientSampleId :

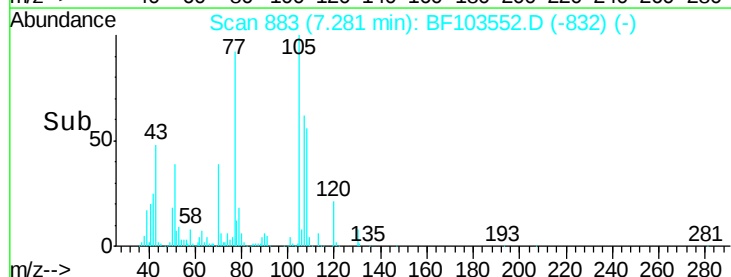
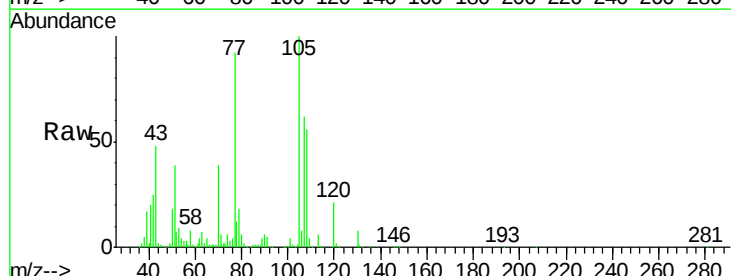
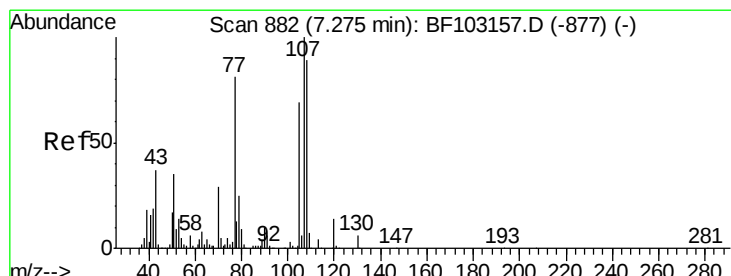
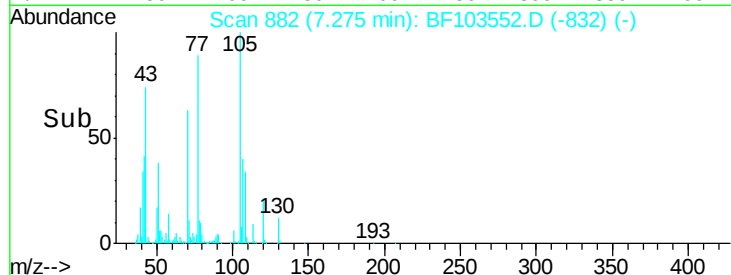
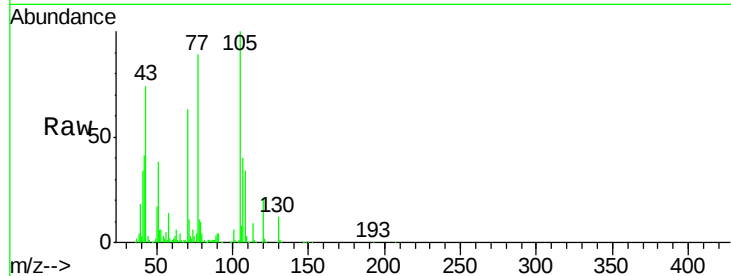
Tot Ion:107 Resp: 326981
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 69.3 33.8 50.8#
79 62.0 33.8 50.8#



#18
Hexachloroethane
Concen: 45.120 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:117 Resp: 155320
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8
201 75.9 75.7 113.5

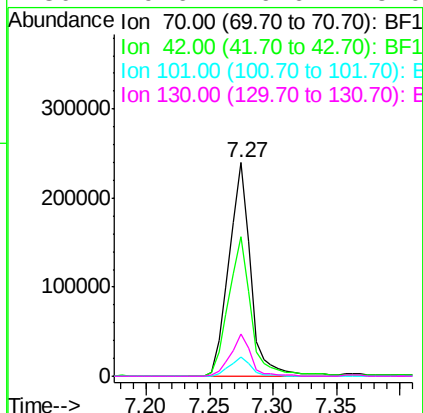




#19
n-Nitroso-di-n-propylamine
Concen: 47.363 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

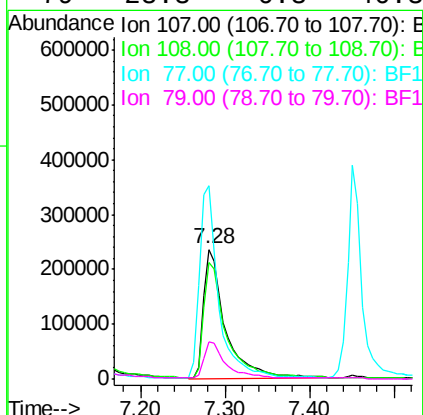
Instrument :
BNA_F
ClientSampleId :

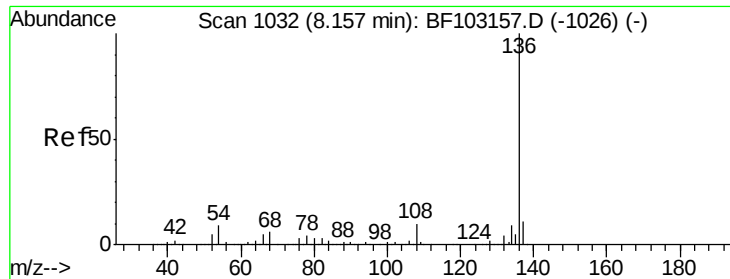
Tot Ion: 70 Resp: 286565
Ion Ratio Lower Upper
70 100
42 65.4 47.5 71.3
101 9.0 7.4 11.2
130 19.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 47.010 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:107 Resp: 429807
Ion Ratio Lower Upper
107 100
108 89.7 68.2 108.2
77 148.7 26.7 66.7#
79 28.3 6.3 46.3

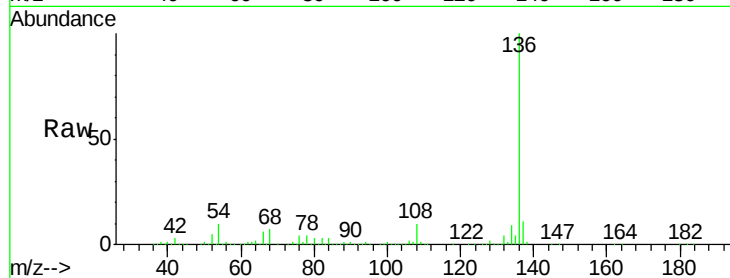




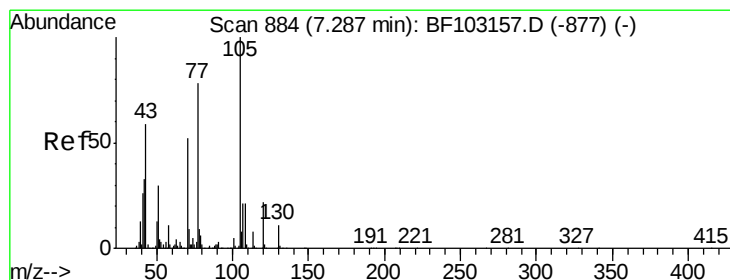
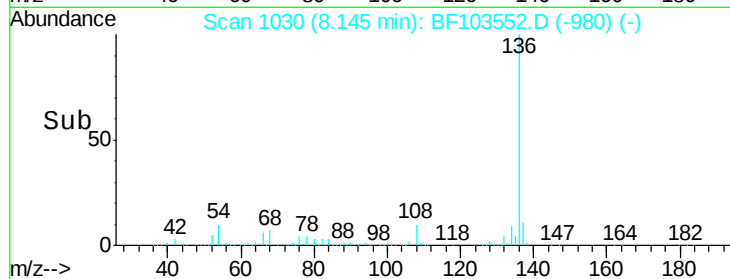
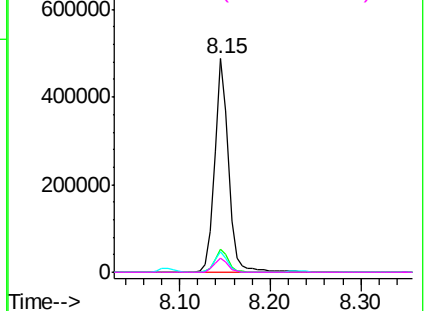
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	515640
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.7	6.6 9.8
68	6.6	5.0 7.4

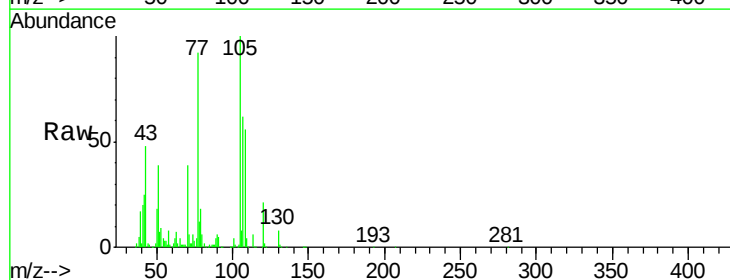


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

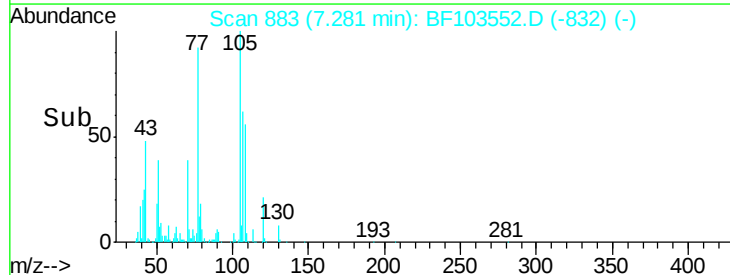
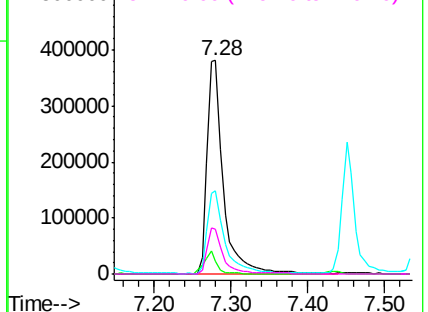


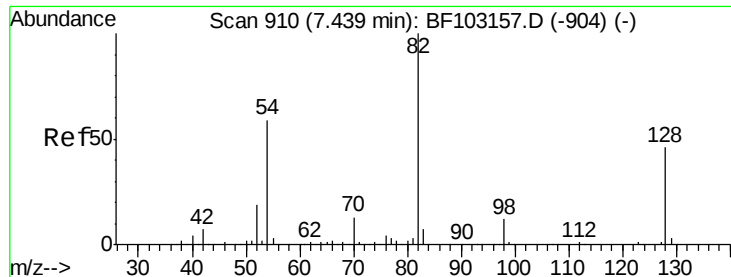
#22
Acetophenone
Concen: 46.365 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:105	Resp:	558042
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.4 6.6
51	39.1	22.3 33.5#
120	20.8	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

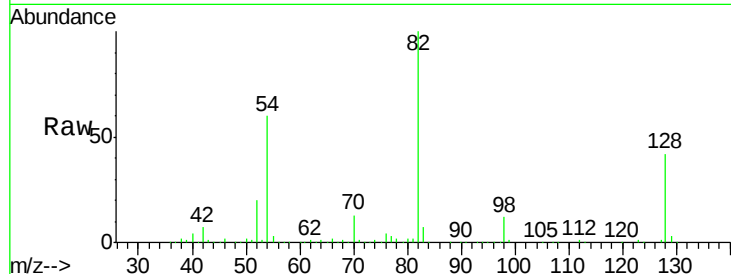




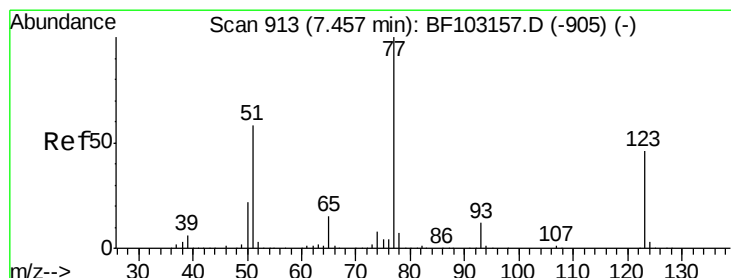
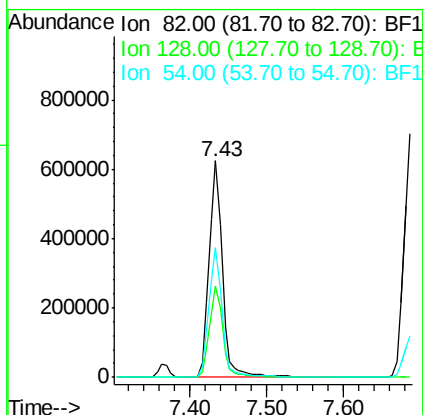
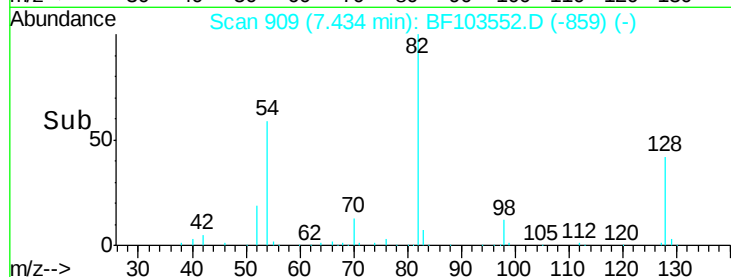
#23
 Nitrobenzene-d5
 Concen: 82.948 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 748946
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.1 54.1
 54 60.1 41.4 62.2

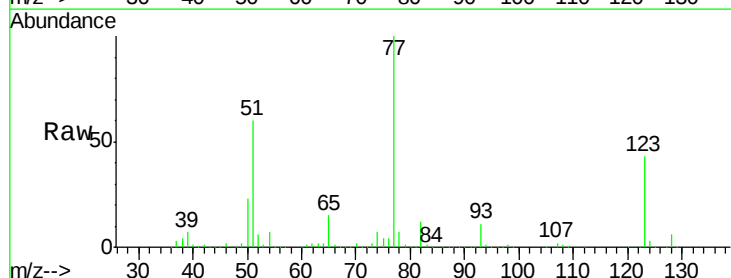


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

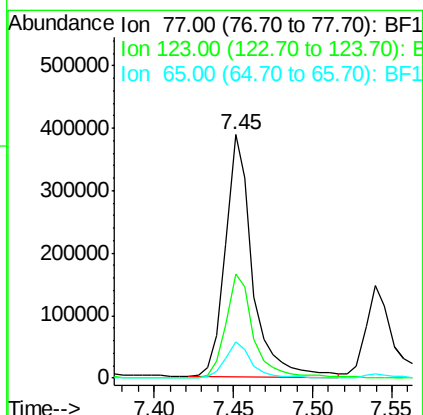
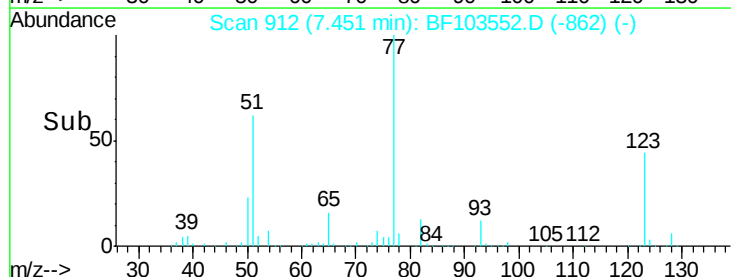


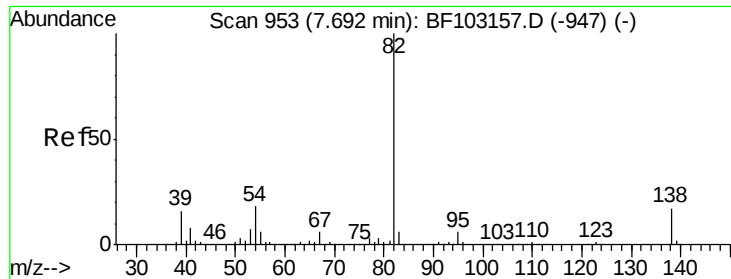
#24
 Nitrobenzene
 Concen: 46.364 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion: 77 Resp: 460906
 Ion Ratio Lower Upper
 77 100
 123 42.5 37.9 56.9
 65 15.1 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: 46.661 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

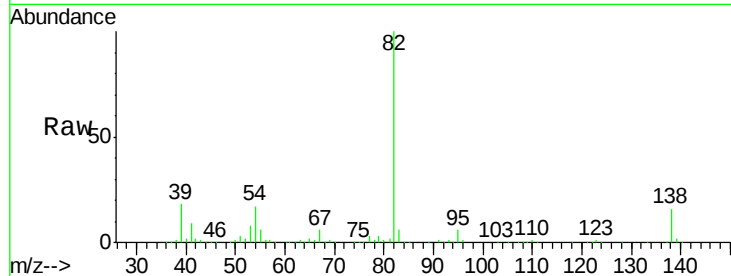
Tot Ion: 82 Resp: 829772

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

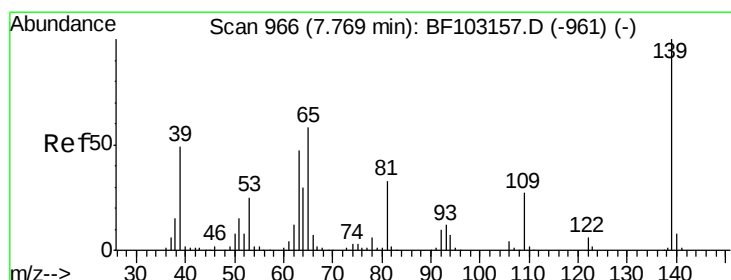
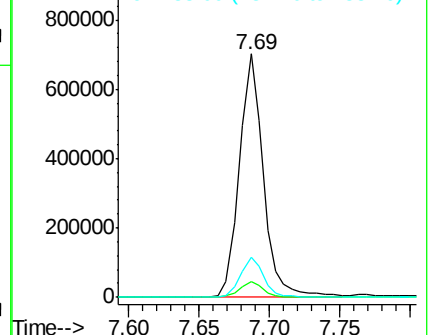
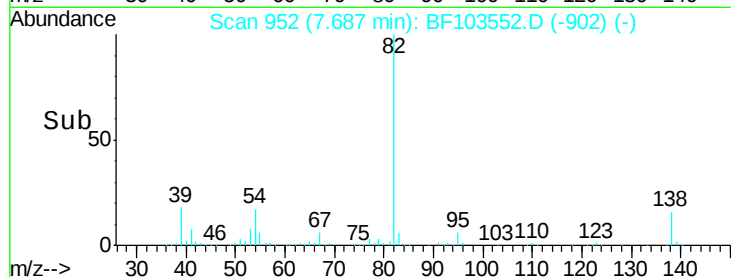
138 16.4 14.9 22.3



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: 47.487 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

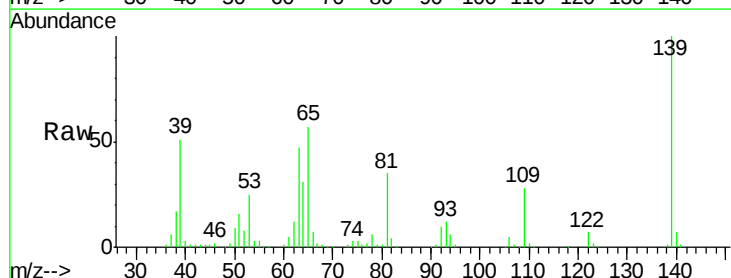
Tgt Ion: 139 Resp: 222232

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

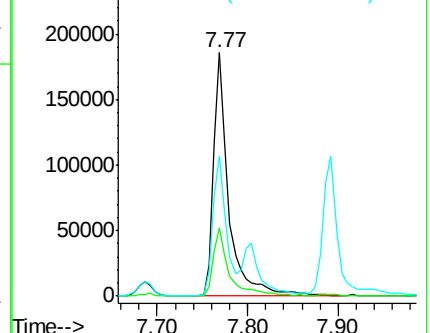
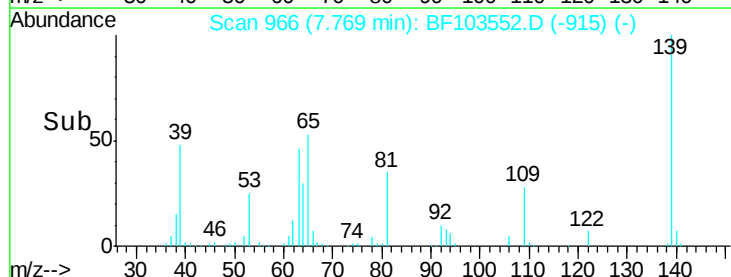
65 57.4 40.5 60.7

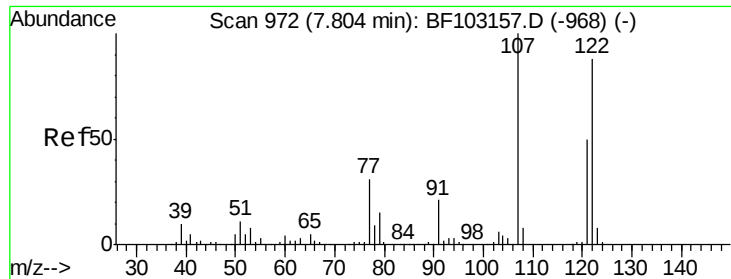


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

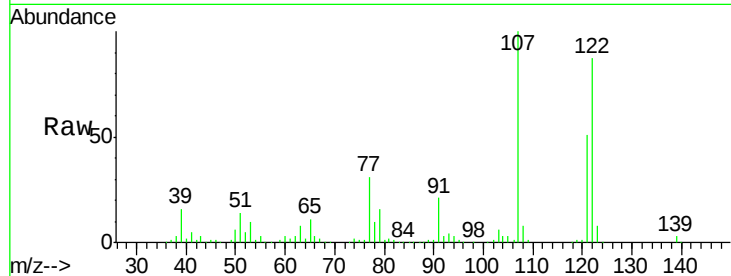




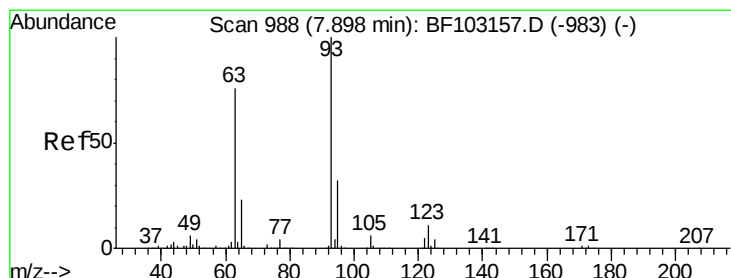
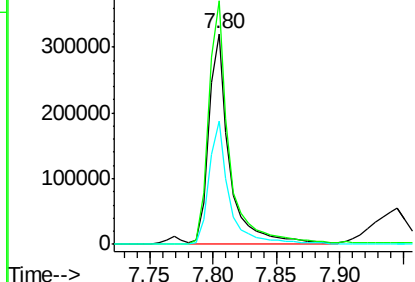
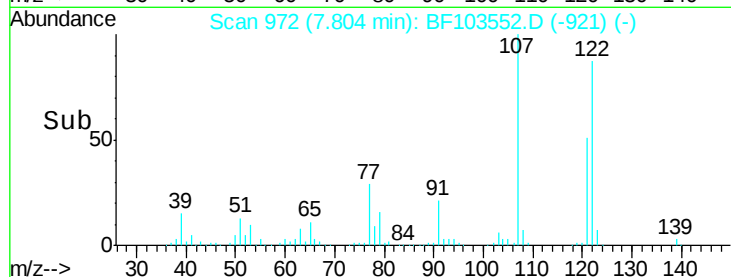
#27
 2,4-Dimethylphenol
 Concen: 50.904 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 364139
 Ion Ratio Lower Upper
 122 100
 107 115.4 91.2 136.8
 121 58.4 47.2 70.8

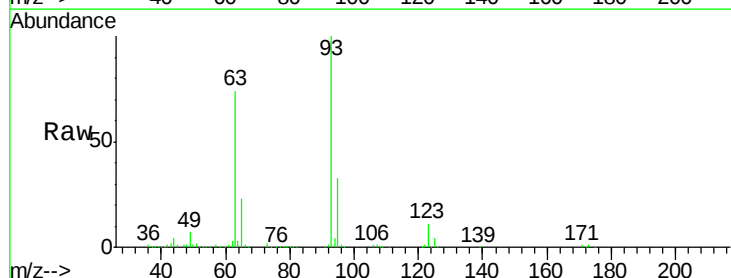


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

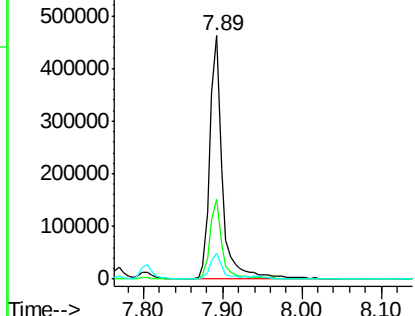
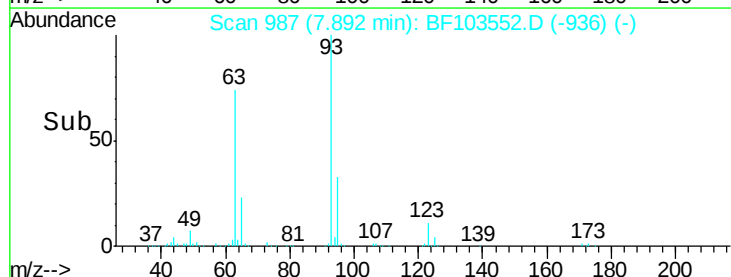


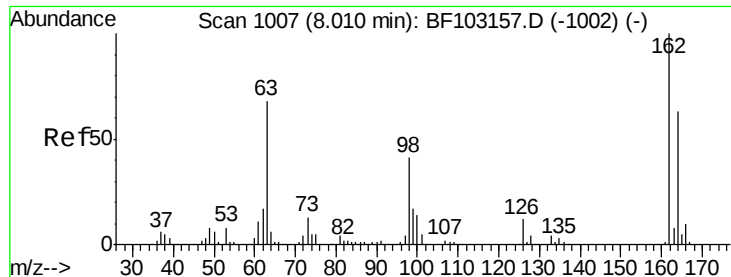
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.338 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion: 93 Resp: 505392
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 10.7 9.8 14.6



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

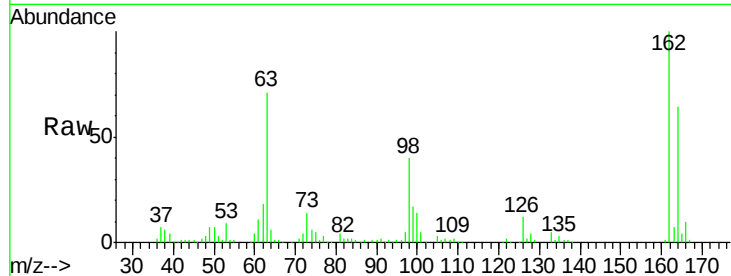




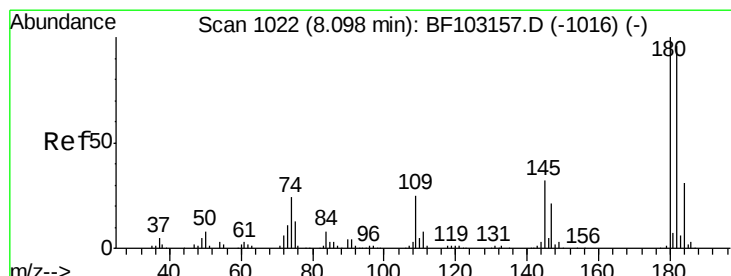
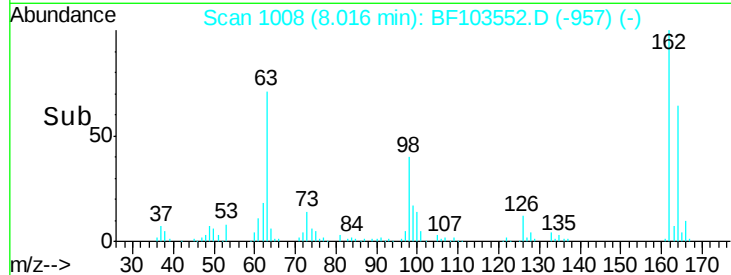
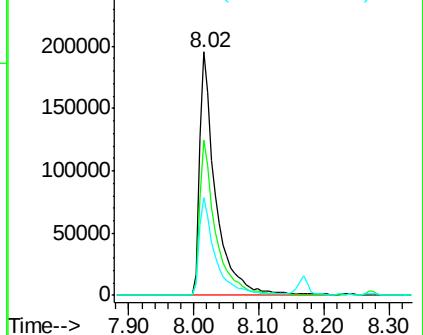
#29
 2,4-Dichlorophenol
 Concen: 48.847 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 334537
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 39.9 18.1 58.1

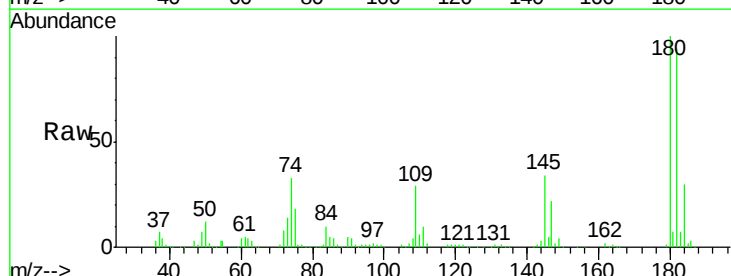


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

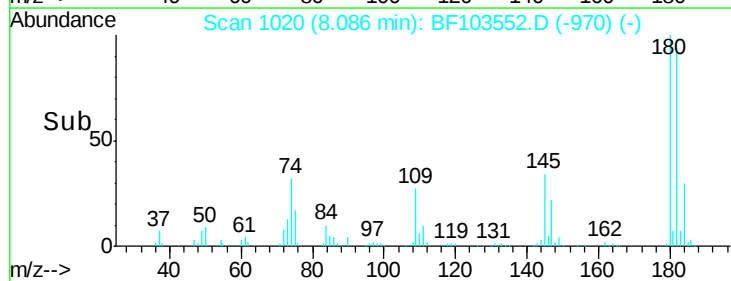
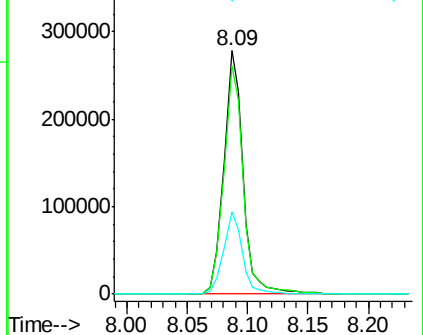


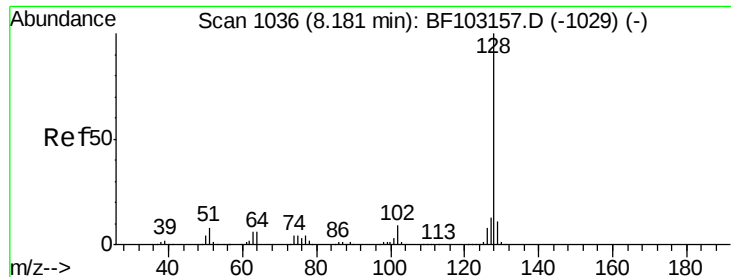
#30
 1,2,4-Trichlorobenzene
 Concen: 42.164 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion:180 Resp: 307510
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 33.8 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

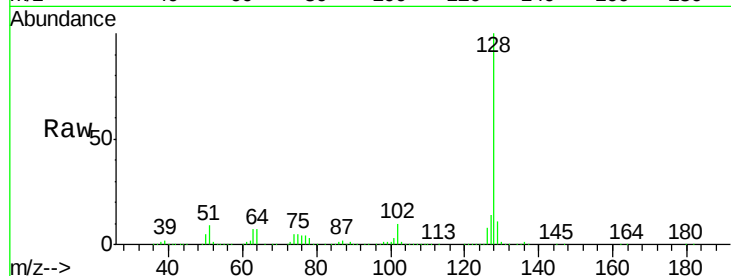




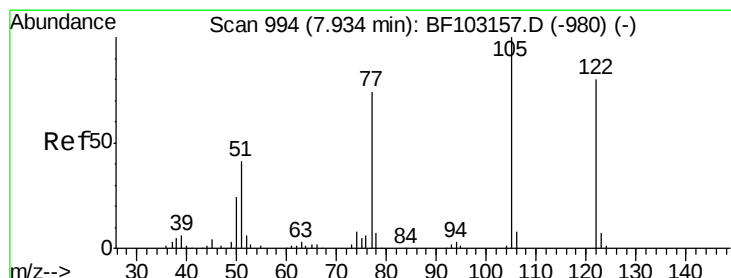
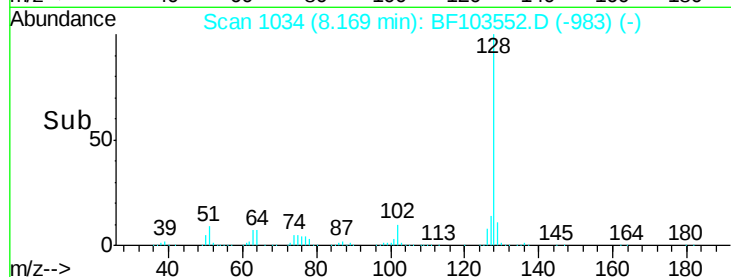
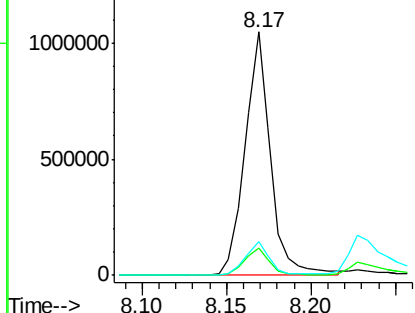
#31
Naphthalene
Concen: 43.822 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1106278
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.7 10.9 16.3

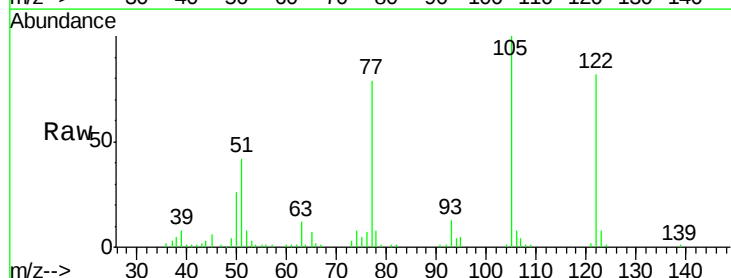


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

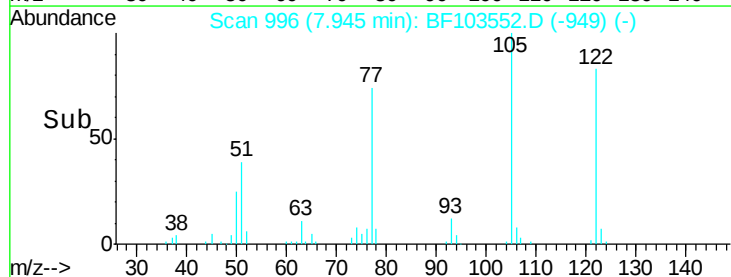
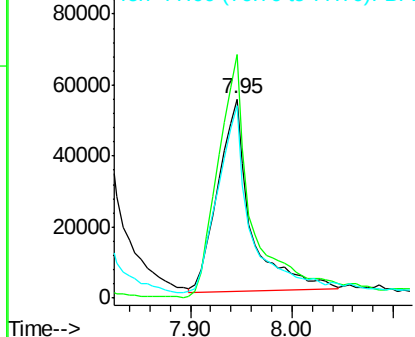


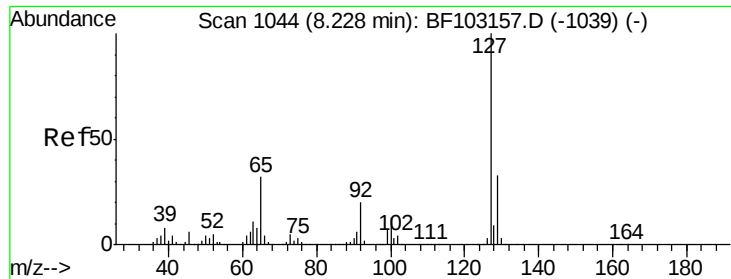
#32
Benzoic acid
Concen: 26.721 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:122 Resp: 122806
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 96.6 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

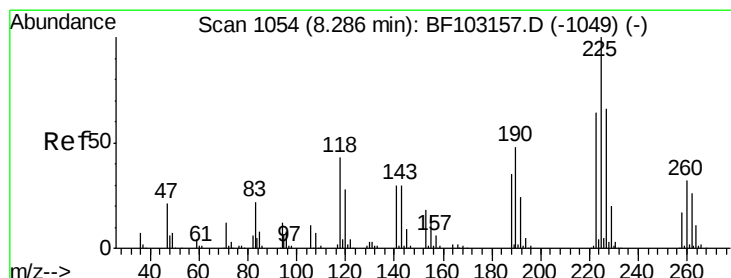
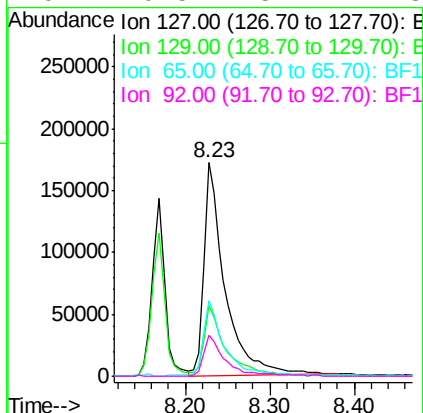
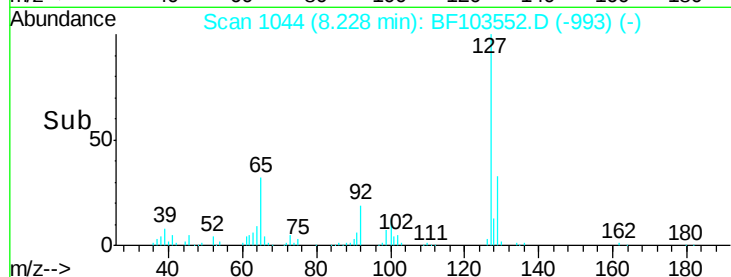
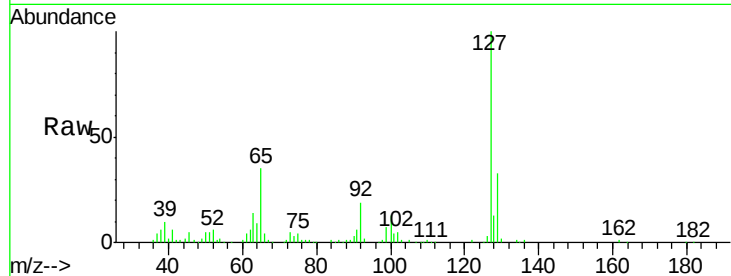




#33
4-Chloroaniline
Concen: 27.294 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

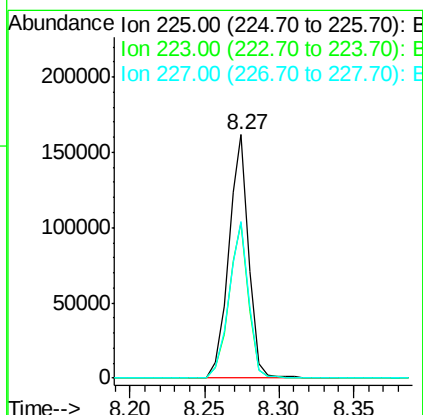
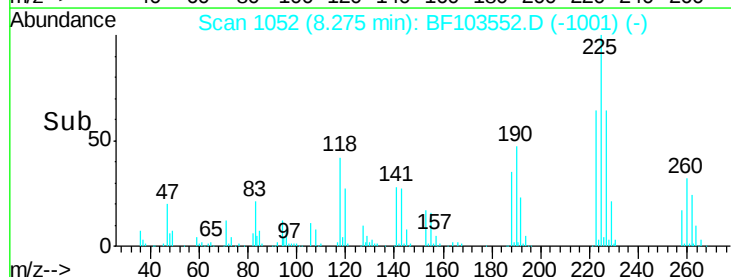
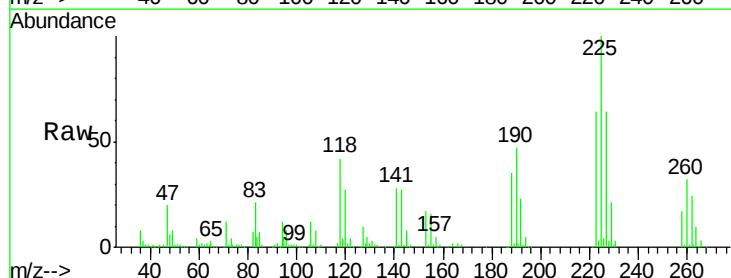
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	297334
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	35.2	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.114 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:	225	Resp:	152346
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.3	51.9	77.9

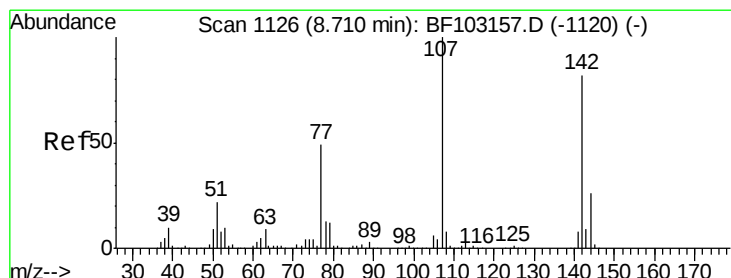
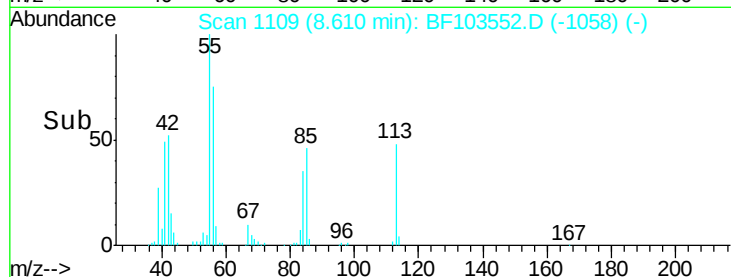
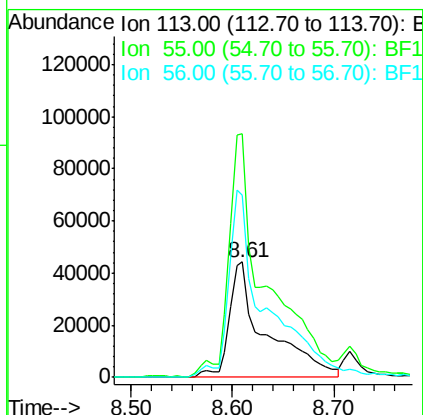
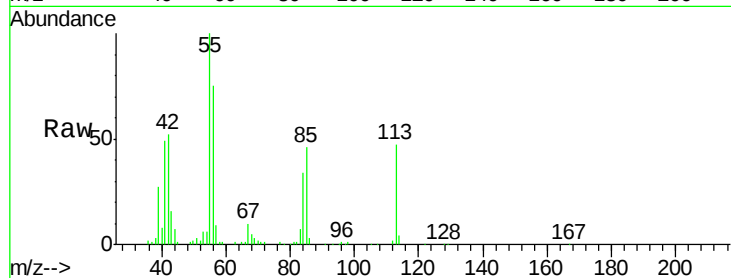




#35
Caprolactam
Concen: 46.312 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

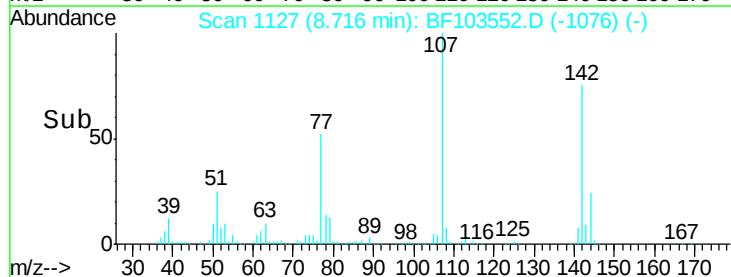
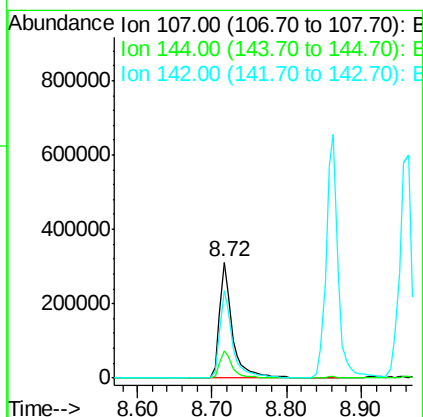
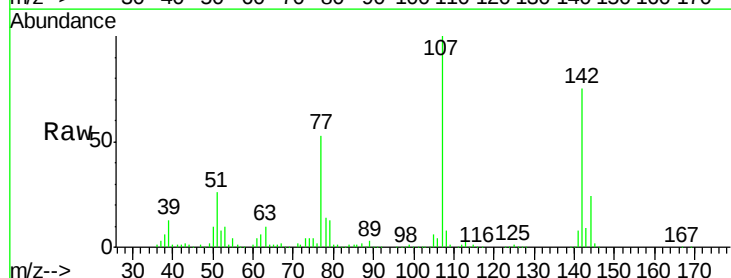
Instrument :
BNA_F
ClientSampleId :

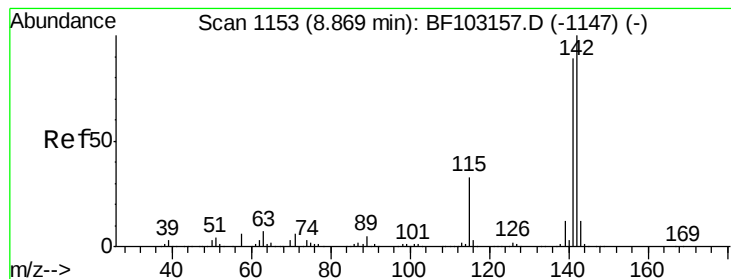
Tot Ion:113 Resp: 111473
Ion Ratio Lower Upper
113 100
55 211.0 163.3 203.3#
56 158.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 48.354 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:107 Resp: 373525
Ion Ratio Lower Upper
107 100
144 23.6 20.5 30.7
142 75.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 44.622 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

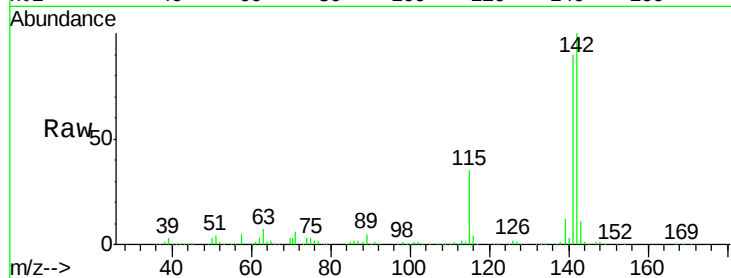
Tot Ion:142 Resp: 728022

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

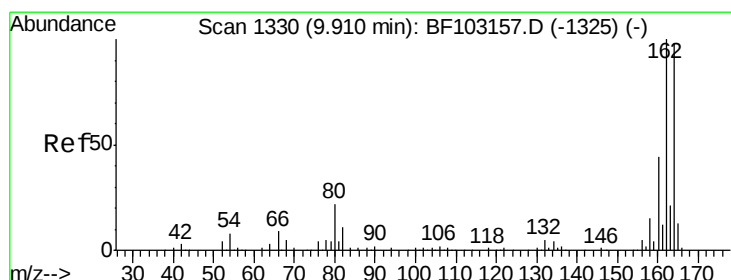
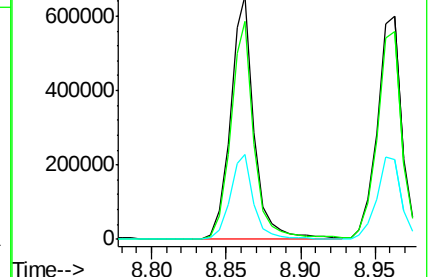
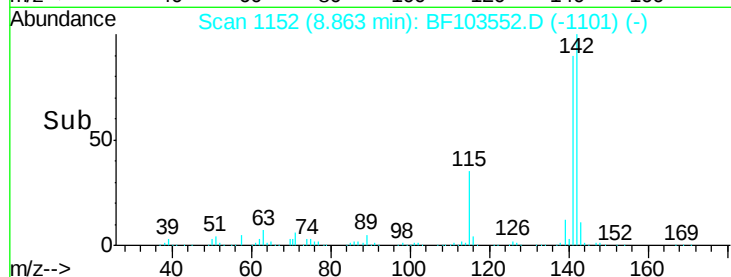
115 34.7 26.1 39.1



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

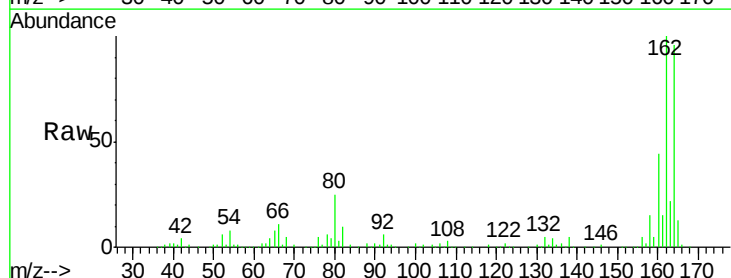
Tgt Ion:164 Resp: 226089

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

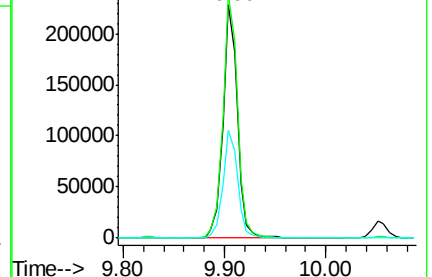
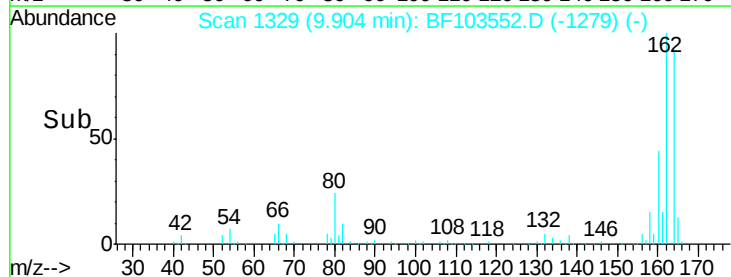
160 46.3 38.3 57.5

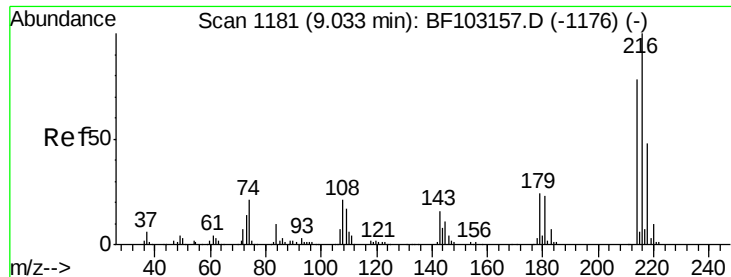


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

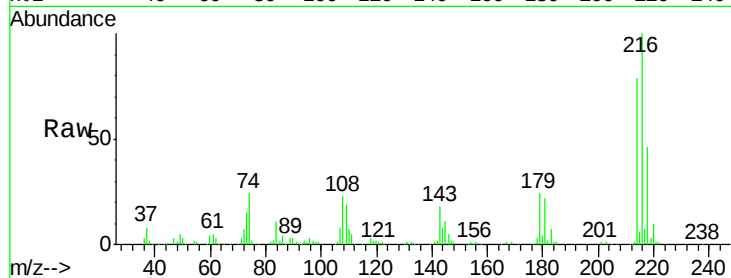




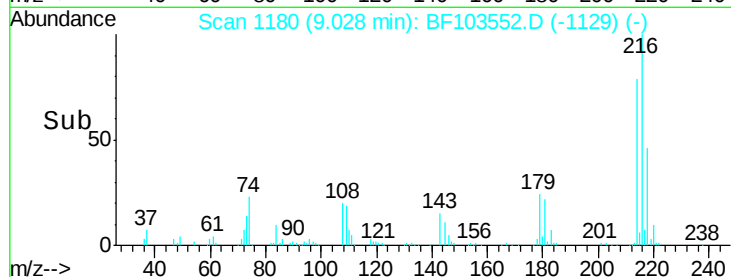
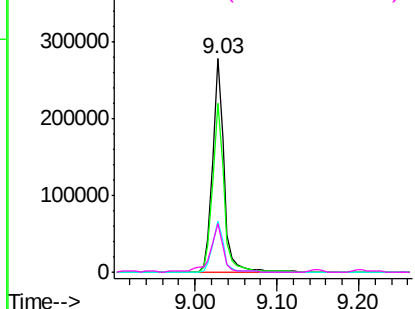
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.551 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	269180
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.9	18.1	27.1
108	24.8	17.2	25.8

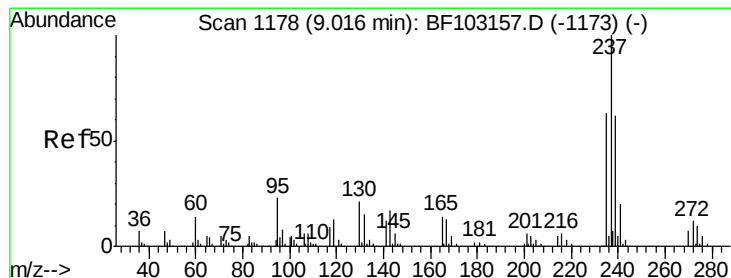


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

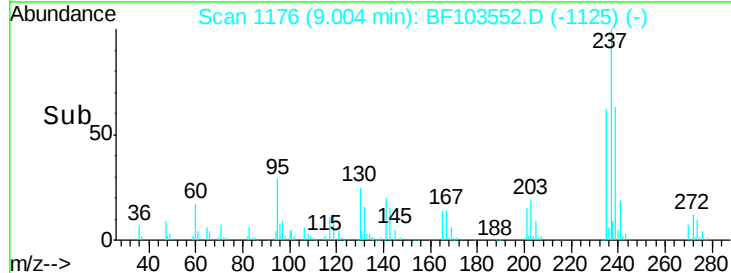
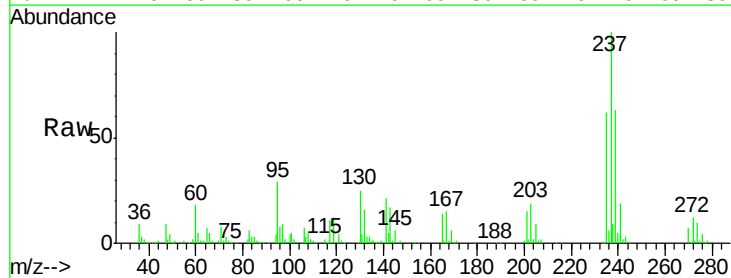
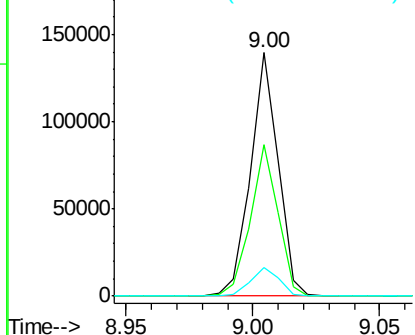


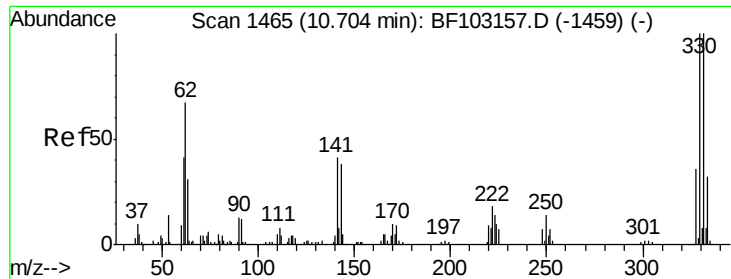
#40
 Hexachlorocyclopentadiene
 Concen: 52.264 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion:	237	Resp:	106318
Ion	Ratio	Lower	Upper
237	100		
235	62.1	44.8	84.8
272	11.9	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

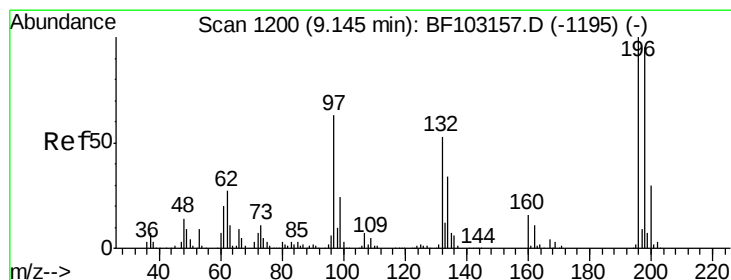
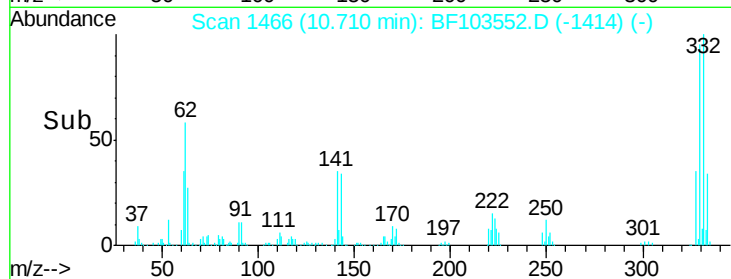
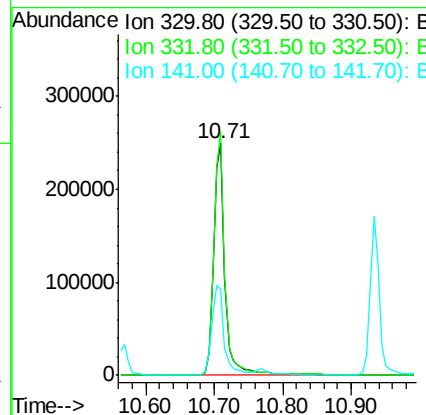
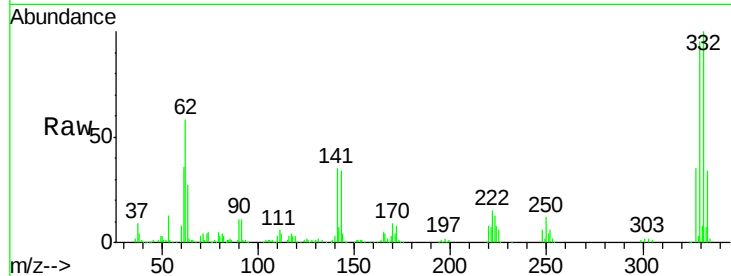




#41
 2,4,6-Tribromophenol
 Concen: 152.998 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

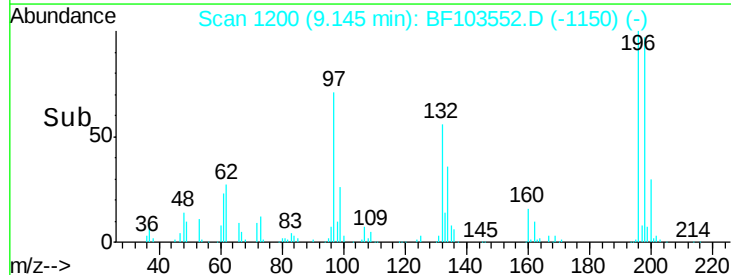
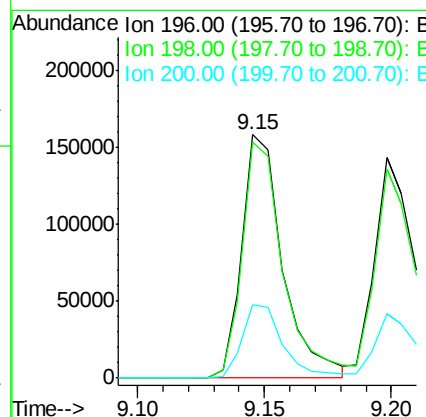
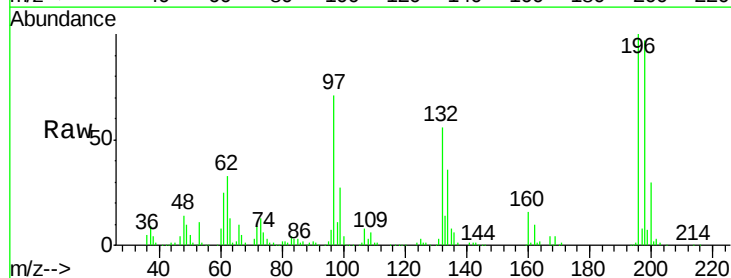
Instrument :
 BNA_F
 ClientSampleId :

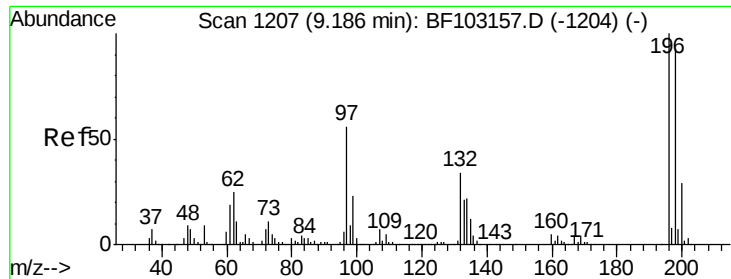
Tot Ion:330 Resp: 292795
 Ion Ratio Lower Upper
 330 100
 332 103.6 77.0 115.6
 141 42.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.821 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion:196 Resp: 178090
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 30.4 24.5 36.7

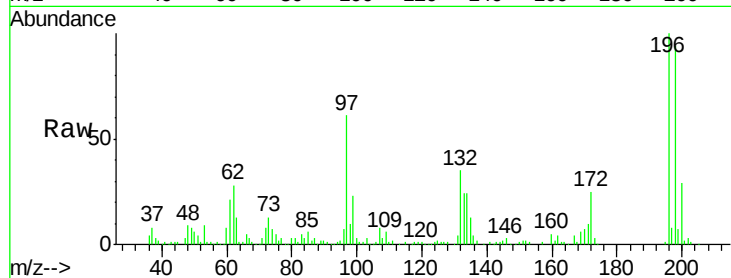




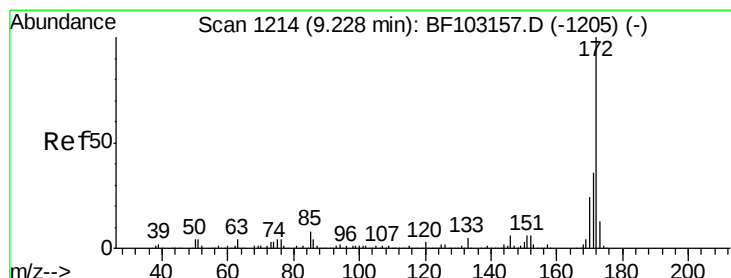
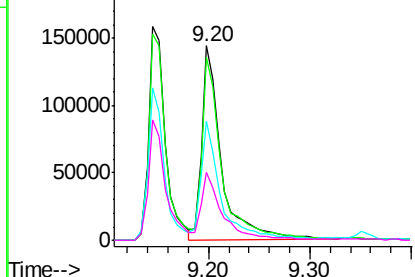
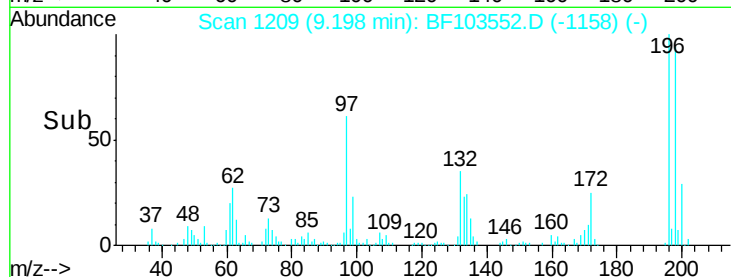
#43
 2,4,5-Trichlorophenol
 Concen: 40.268 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 192615
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 61.1 42.9 64.3
 132 35.2 26.3 39.5

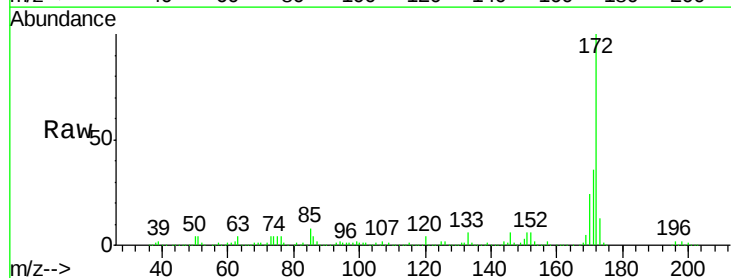


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

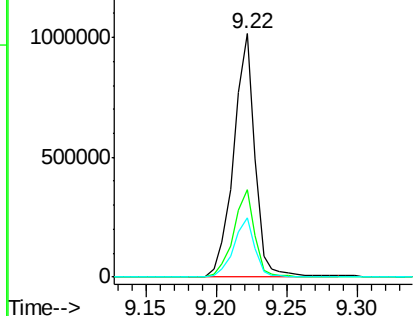
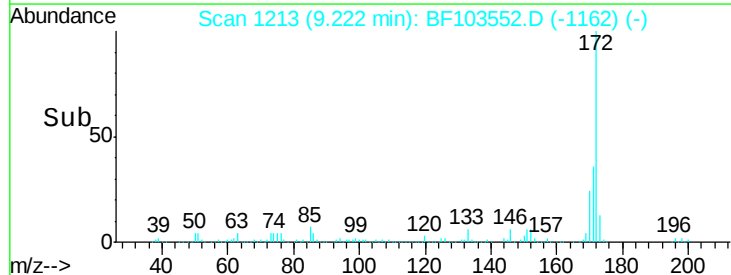


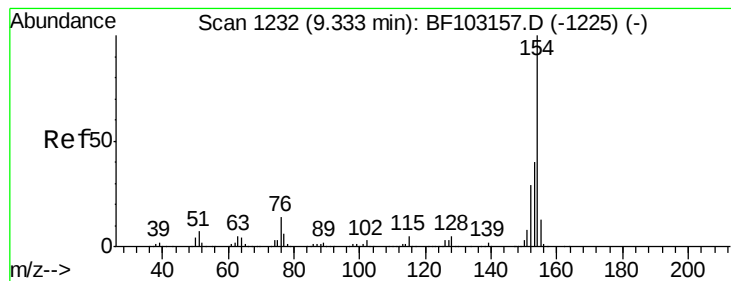
#44
 2-Fluorobiphenyl
 Concen: 80.407 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion:172 Resp: 1069103
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.5 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: 43.480 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

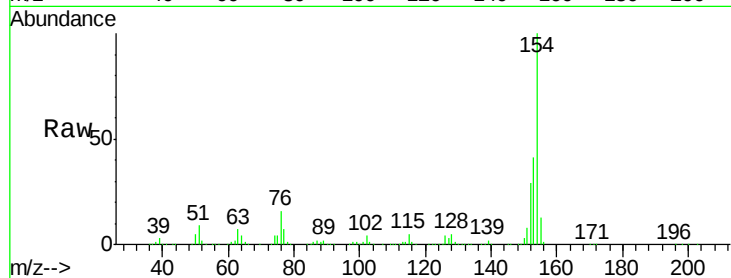
Tot Ion:154 Resp: 823738

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

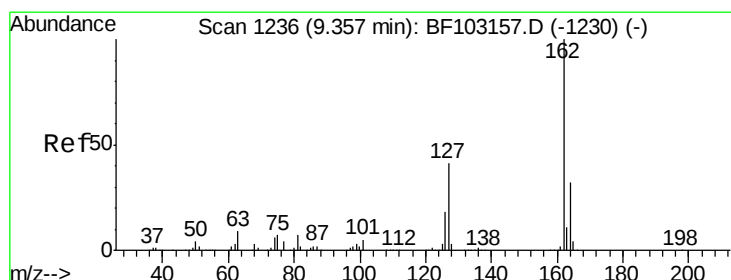
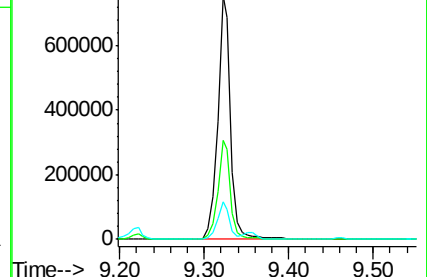
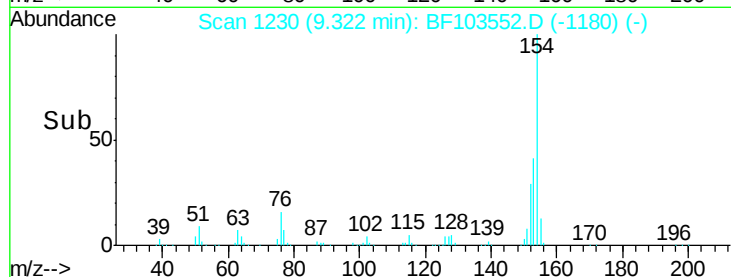
76 15.5 0.0 34.0



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: 44.204 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

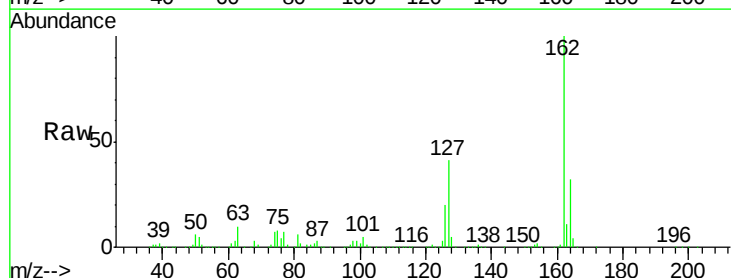
Tgt Ion:162 Resp: 662539

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

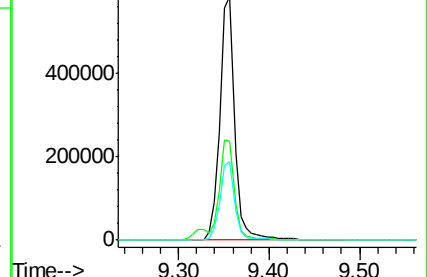
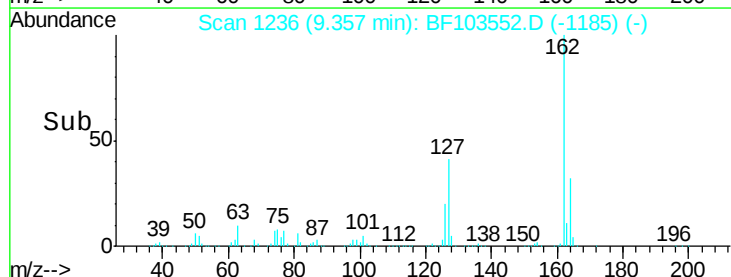
164 32.3 26.5 39.7

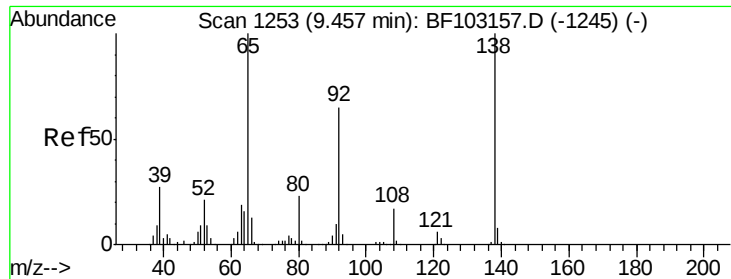


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.409 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

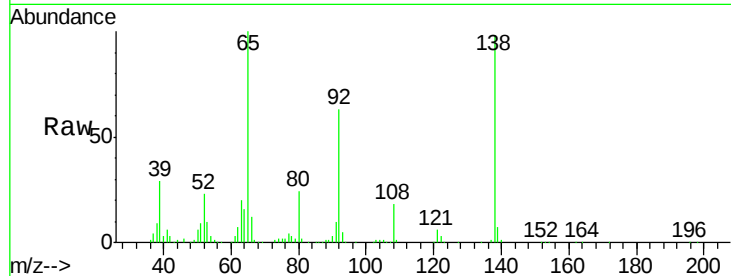
Tot Ion: 65 Resp: 274312

Ion Ratio Lower Upper

65 100

92 63.2 55.8 83.6

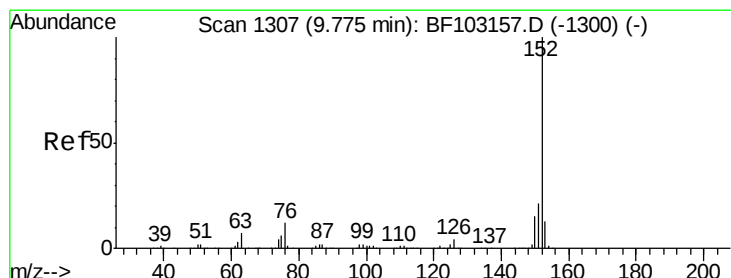
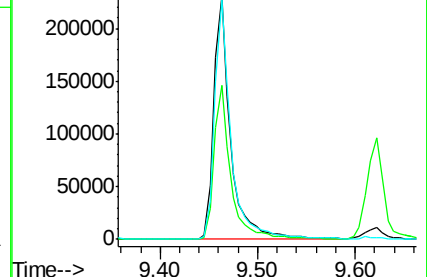
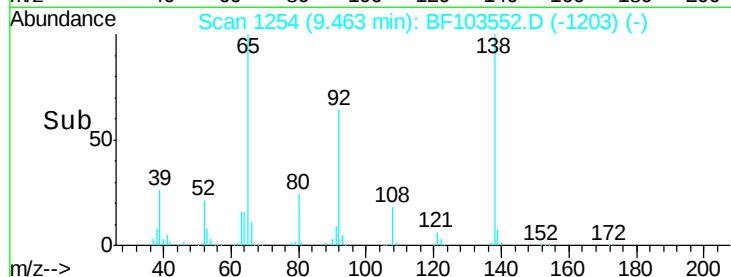
138 98.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 42.662 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

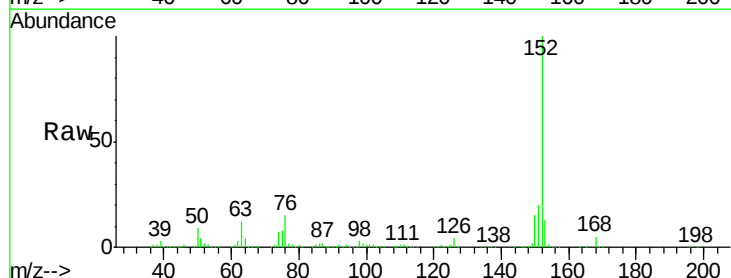
Tgt Ion: 152 Resp: 983826

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

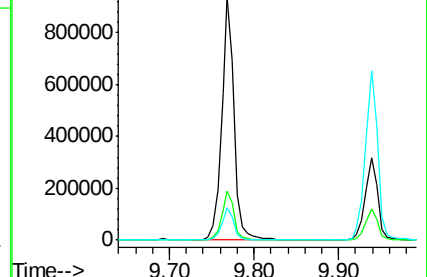
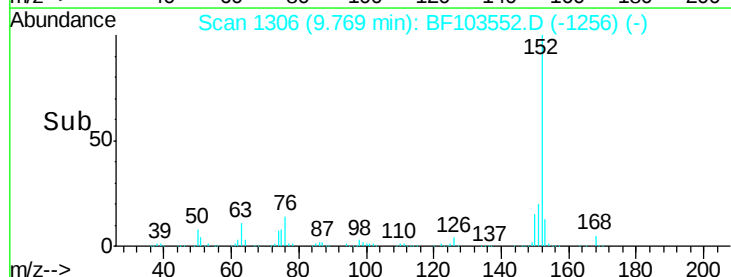
153 13.5 10.7 16.1

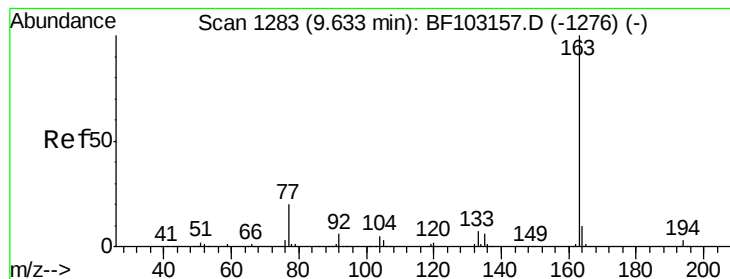


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 40.499 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

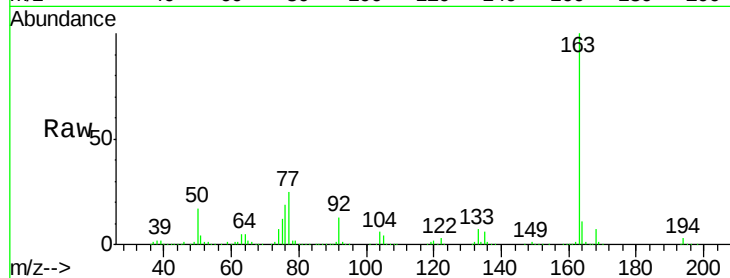
Tot Ion:163 Resp: 734538

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.6 8.2 12.2



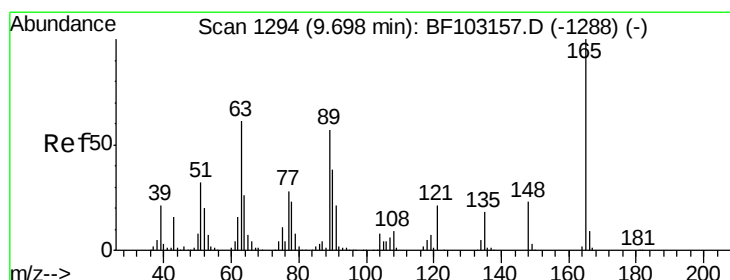
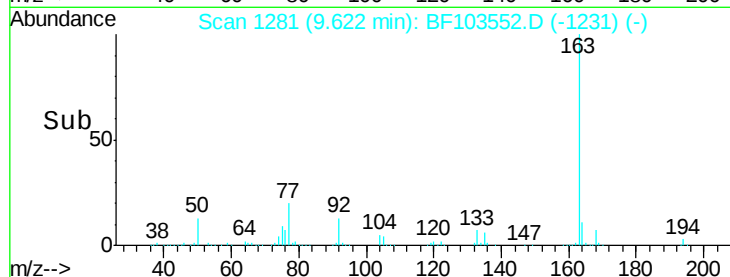
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.62

Time-->



#50

2,6-Dinitrotoluene

Concen: 43.434 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

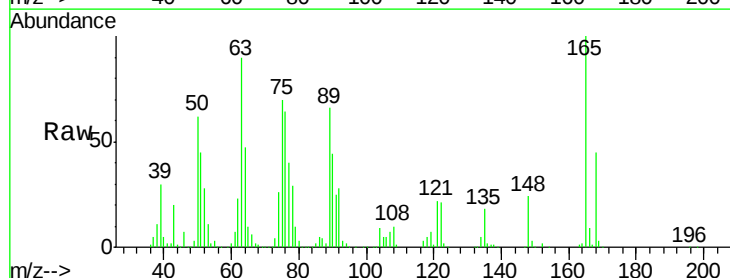
Tgt Ion:165 Resp: 165317

Ion Ratio Lower Upper

165 100

63 89.9 44.7 67.1#

89 65.6 44.0 66.0



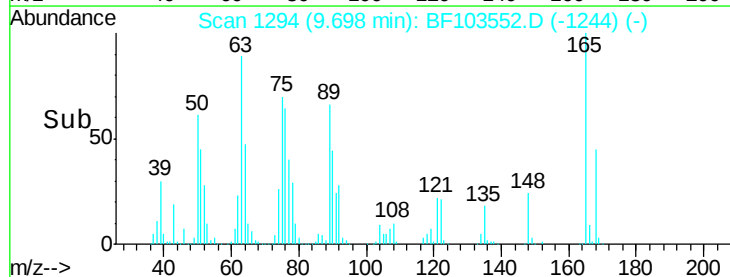
Abundance Ion 165.00 (164.70 to 165.70): E

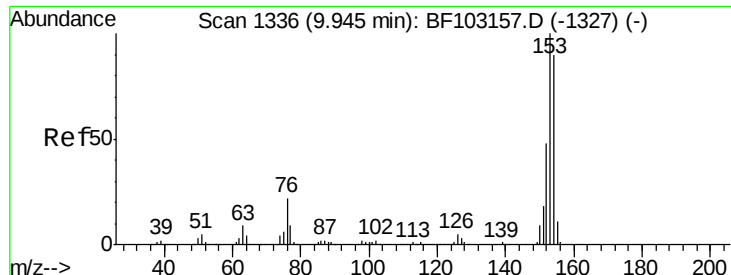
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.70

Time-->





#51

Acenaphthene

Concen: 43.157 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

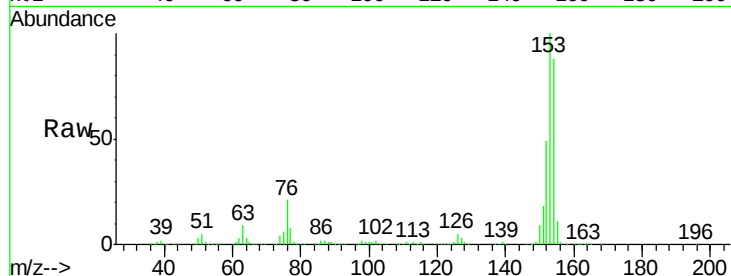
Tot Ion:154 Resp: 580328

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

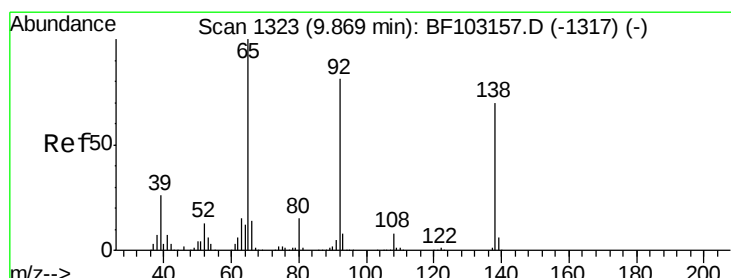
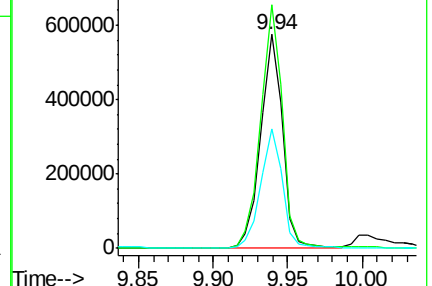
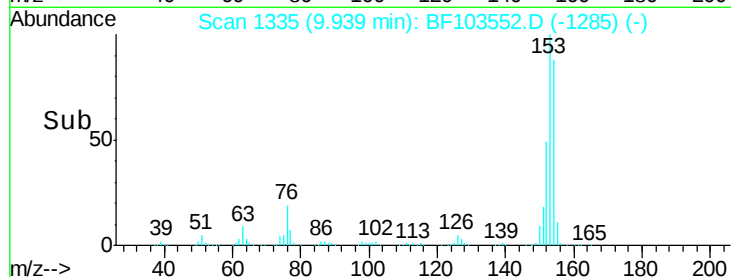
152 55.6 43.8 65.8



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: 33.101 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

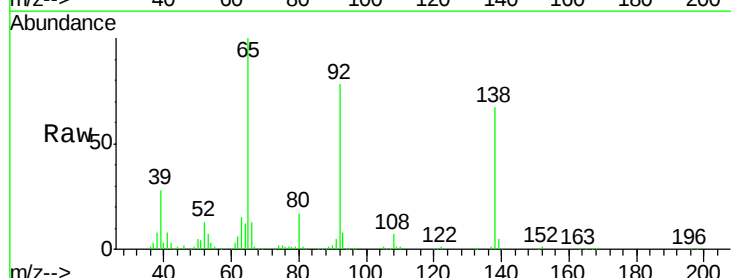
Tgt Ion:138 Resp: 159841

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

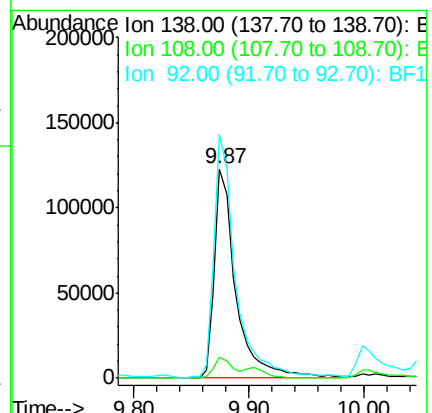
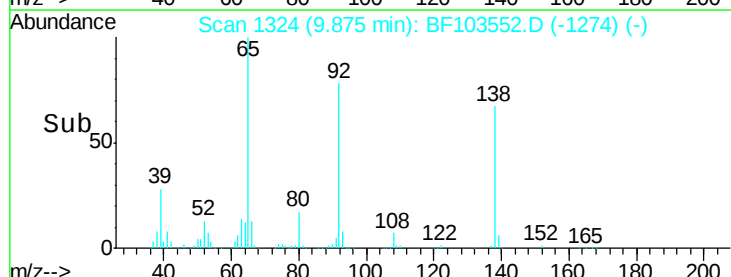
92 116.2 89.4 134.2



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

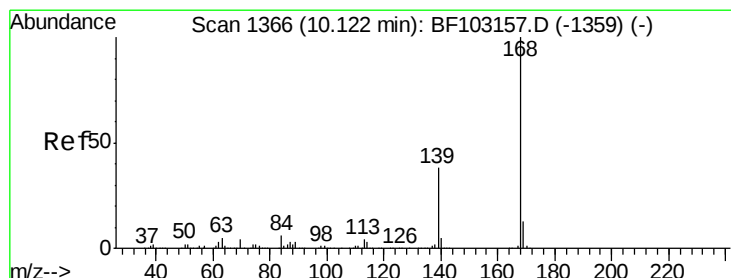
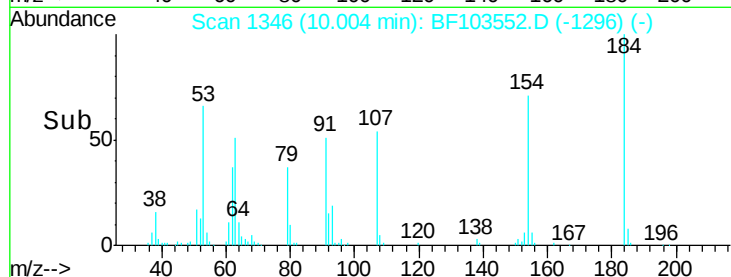
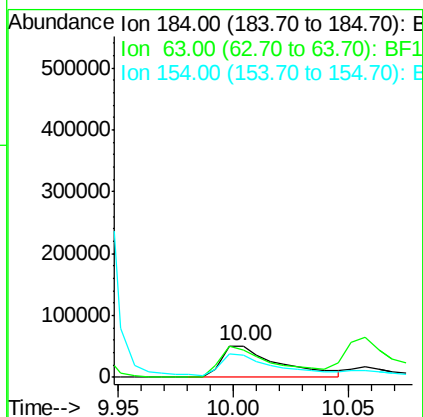
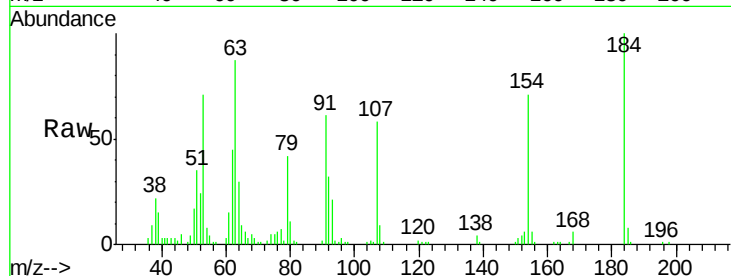




#53
2,4-Dinitrophenol
Concen: 66.486 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

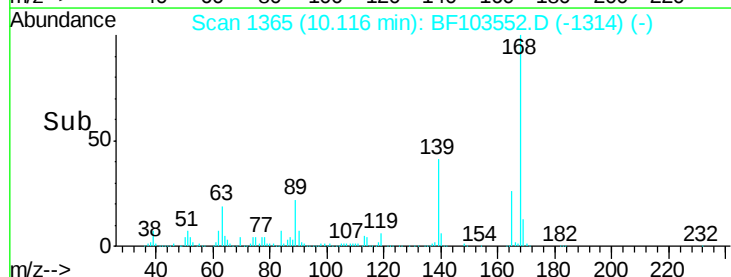
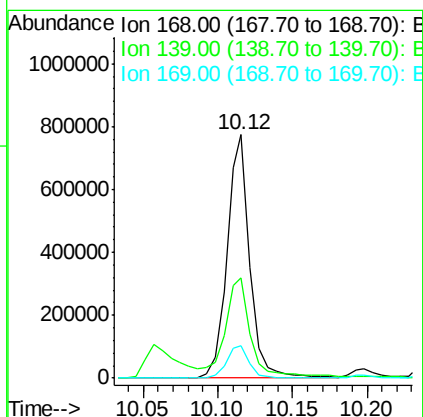
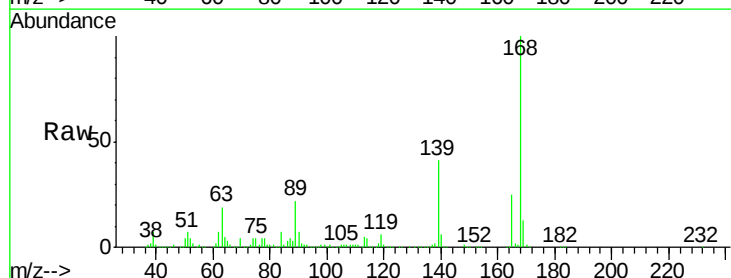
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 88867
Ion Ratio Lower Upper
184 100
63 87.1 54.2 81.2#
154 70.7 184.0 276.0#



#54
Dibenzofuran
Concen: 44.690 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:168 Resp: 824954
Ion Ratio Lower Upper
168 100
139 41.3 30.1 45.1
169 13.2 10.9 16.3

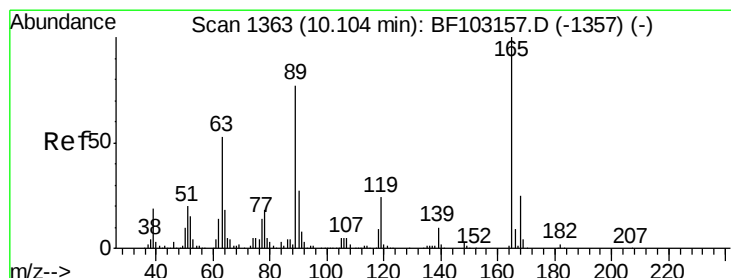
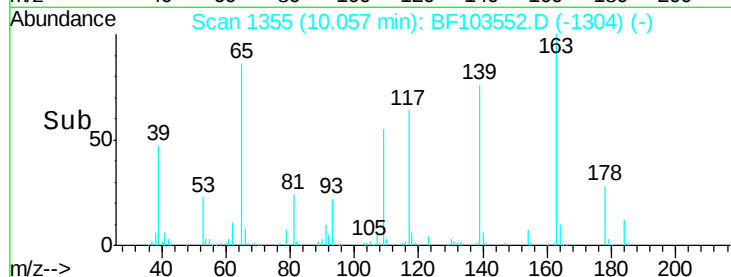
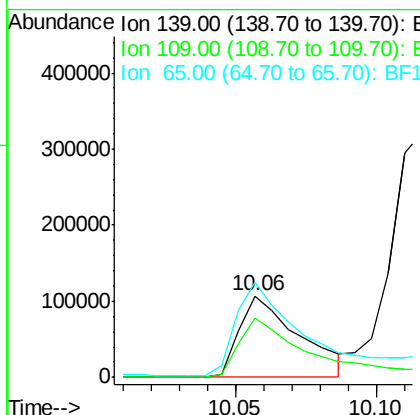
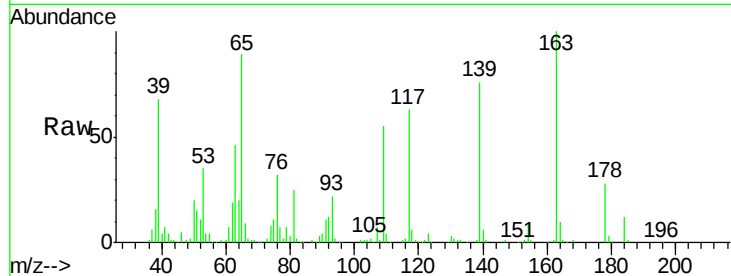




#55
4-Nitrophenol
Concen: 52.526 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

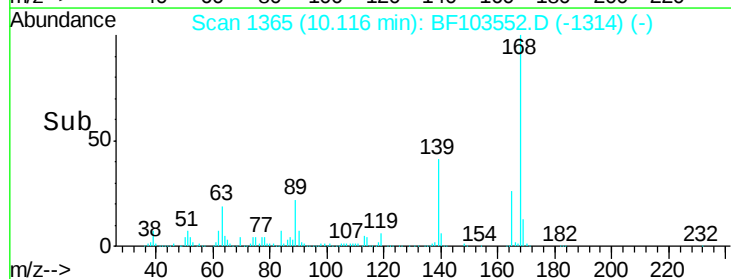
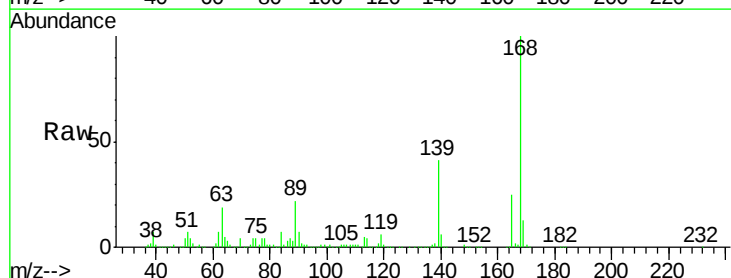
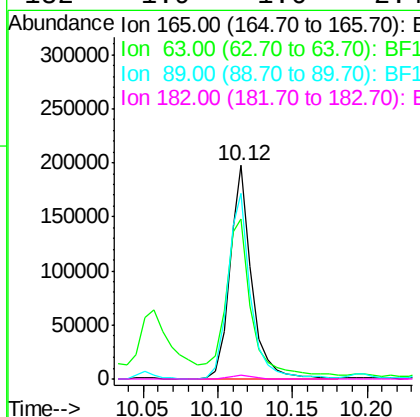
Instrument :
BNA_F
ClientSampleId :

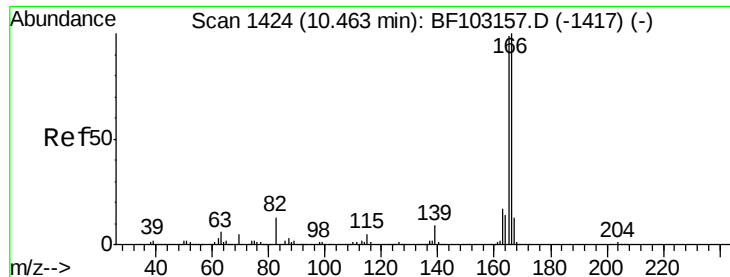
Tot Ion:139 Resp: 157204
Ion Ratio Lower Upper
139 100
109 72.8 48.4 88.4
65 117.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 42.166 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:165 Resp: 202978
Ion Ratio Lower Upper
165 100
63 75.1 36.4 54.6#
89 87.1 57.8 86.6#
182 1.9 1.6 2.4





#57

Fluorene

Concen: 43.203 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

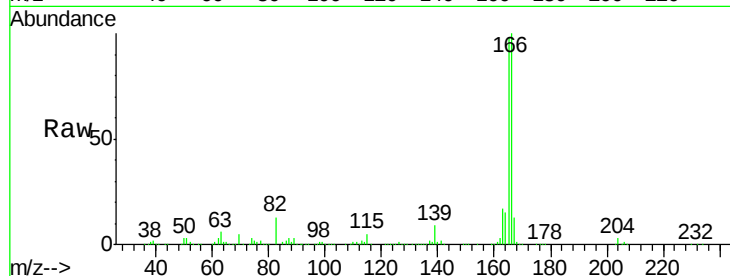
Tot Ion:166 Resp: 679363

Ion Ratio Lower Upper

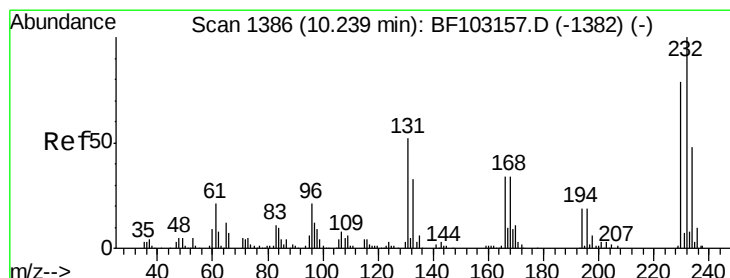
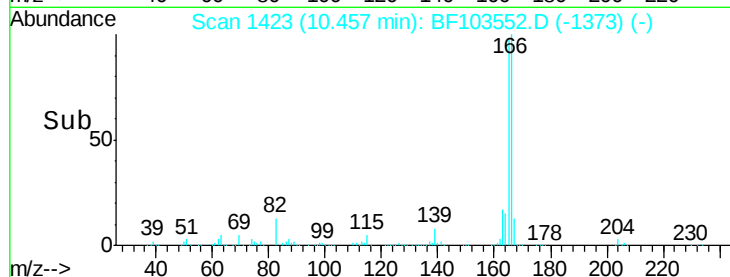
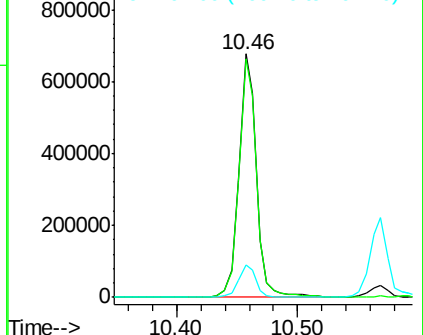
166 100

165 97.9 79.8 119.8

167 13.2 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: 44.346 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Tgt Ion:232 Resp: 142496

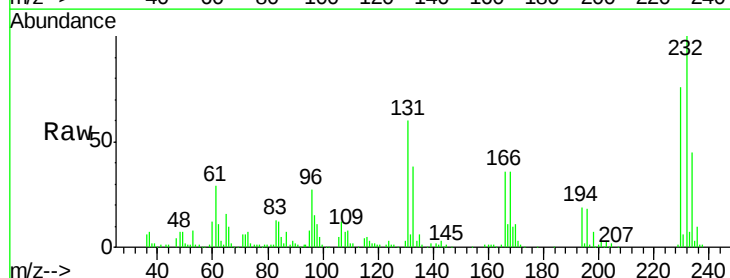
Ion Ratio Lower Upper

232 100

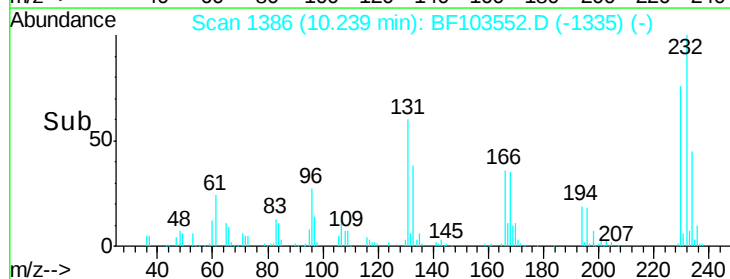
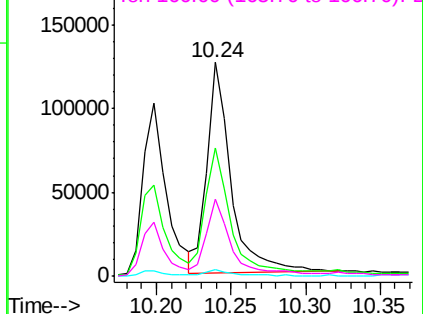
131 59.4 43.8 65.8

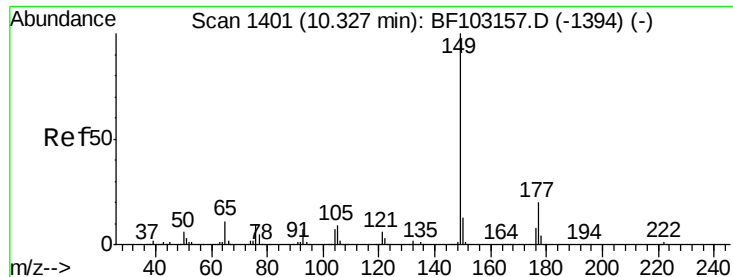
130 2.6 2.1 3.1

166 34.1 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

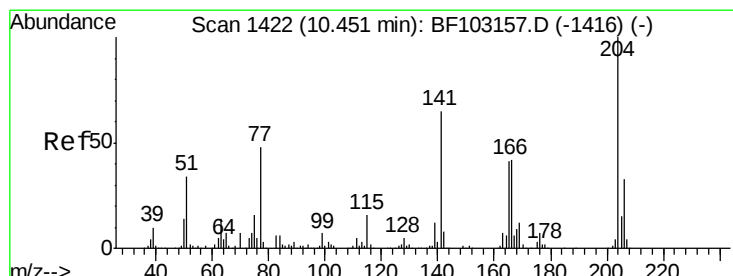
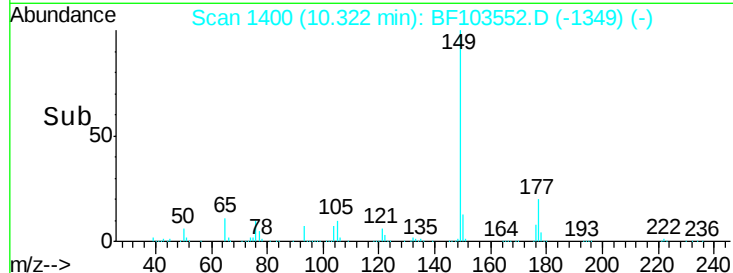
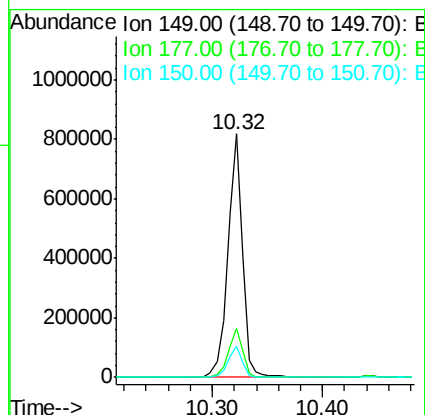
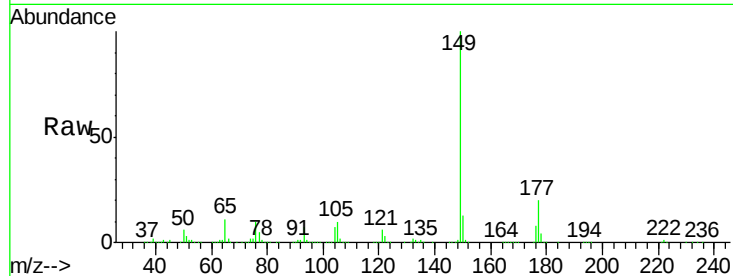




#59
Diethylphthalate
Concen: 43.737 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

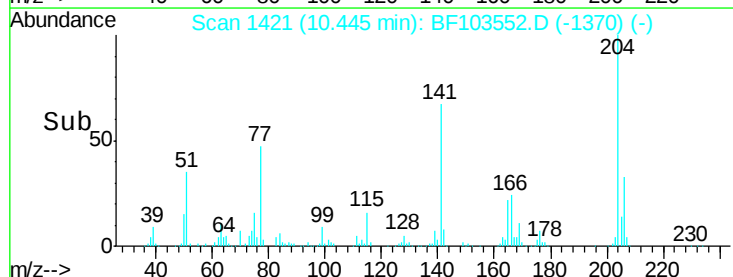
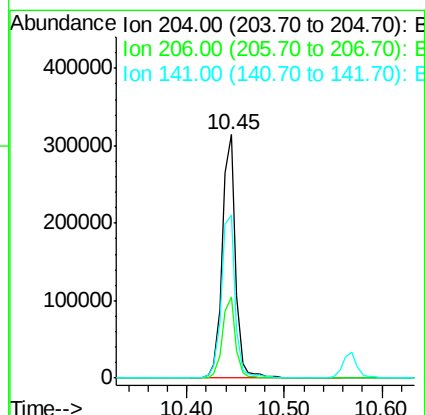
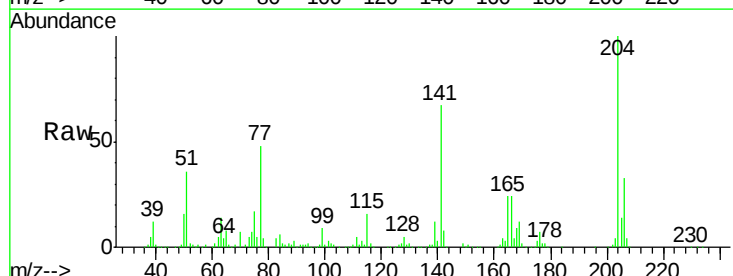
Instrument :
BNA_F
ClientSampled :

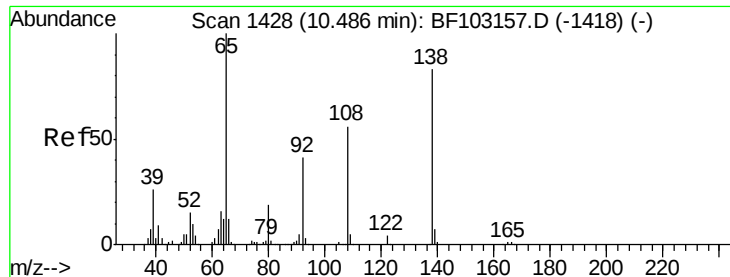
Tot Ion:149 Resp: 758702
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.787 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:204 Resp: 298656
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 66.7 54.6 81.8

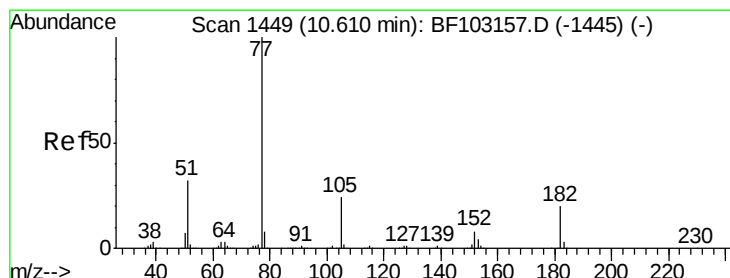
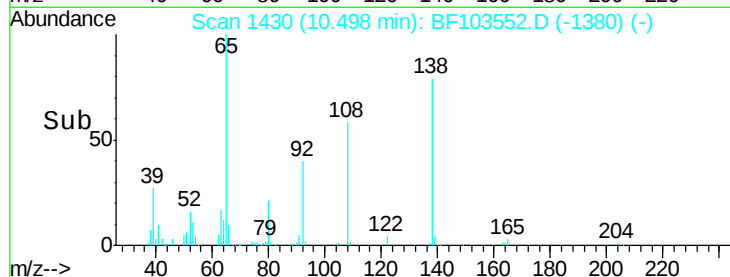
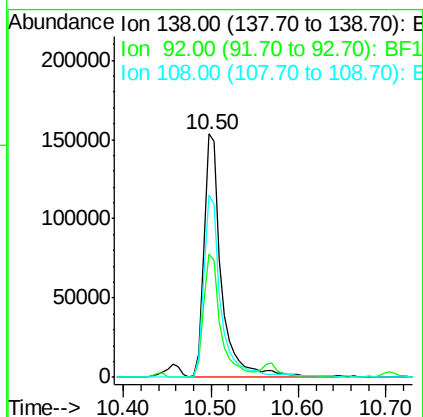
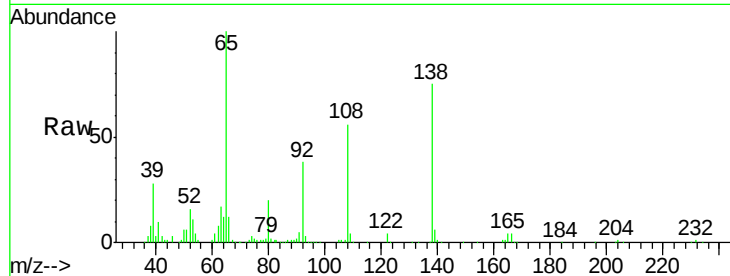




#61
4-Nitroaniline
Concen: 43.700 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

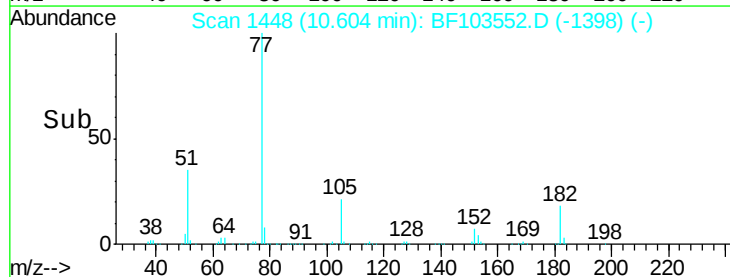
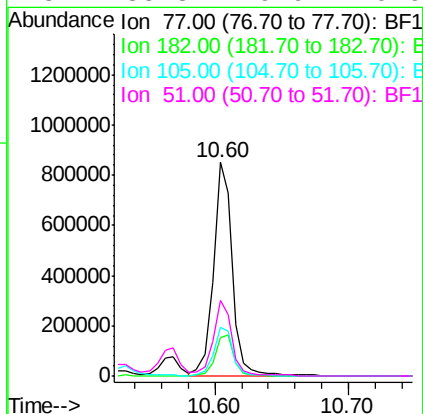
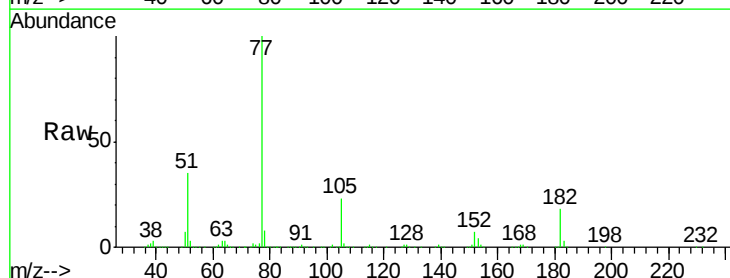
Instrument :
BNA_F
ClientSampled :

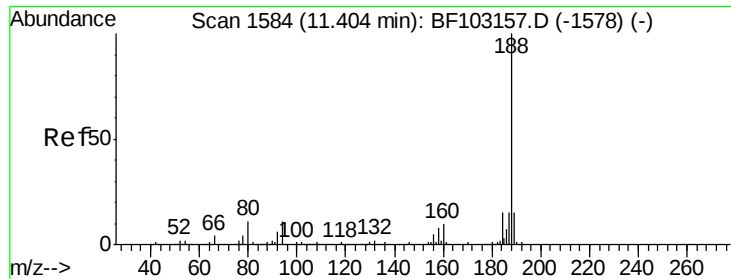
Tot Ion:138 Resp: 210778
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 74.9 52.5 92.5



#62
Azobenzene
Concen: 47.391 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion: 77 Resp: 836791
Ion Ratio Lower Upper
77 100
182 17.9 1.7 41.7
105 22.7 3.0 43.0
51 35.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

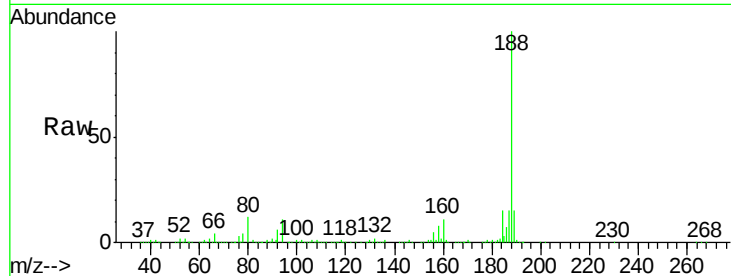
Tot Ion:188 Resp: 404230

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

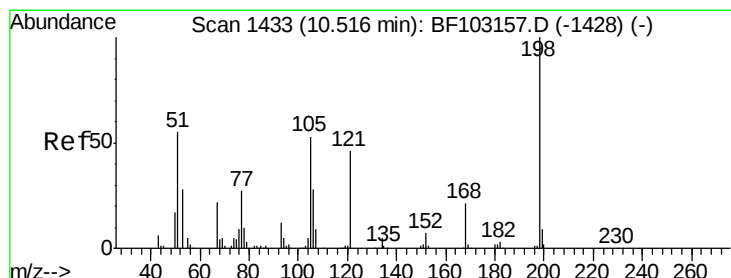
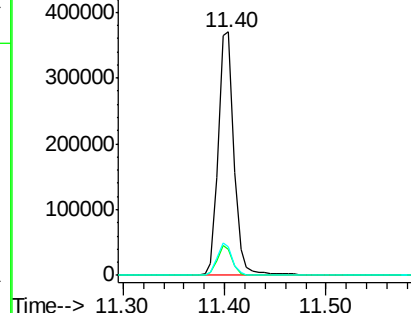
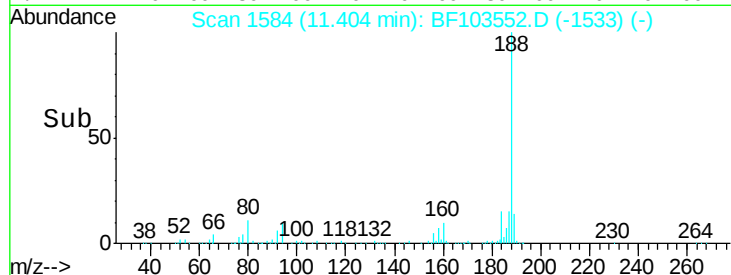
80 11.6 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 35.388 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

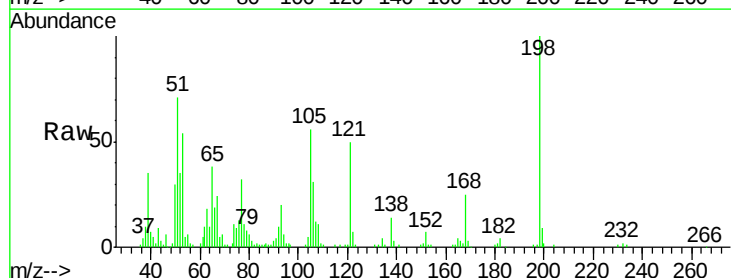
Tgt Ion:198 Resp: 83475

Ion Ratio Lower Upper

198 100

51 70.7 37.7 77.7

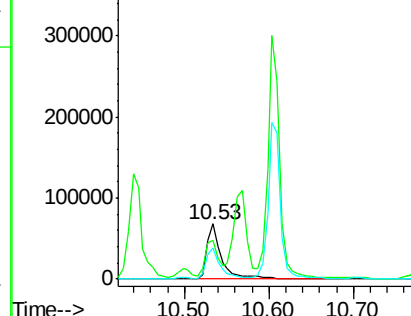
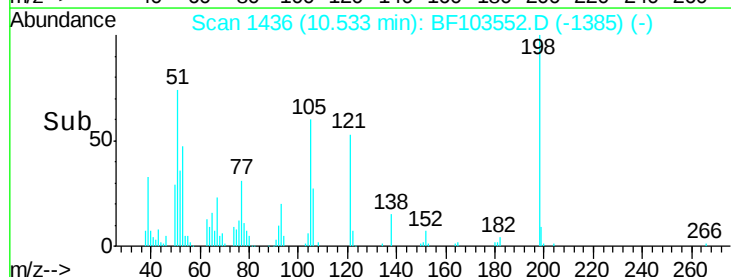
105 56.4 36.3 76.3

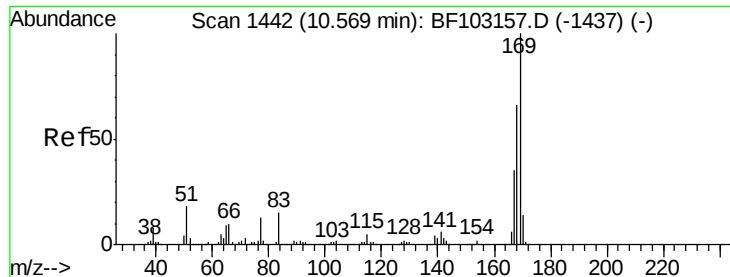


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.255 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

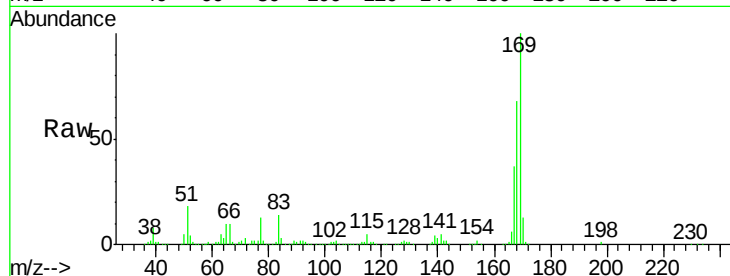
Tot Ion:169 Resp: 608807

Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	36.9	29.8	44.6

169 100

168 68.2 54.4 81.6

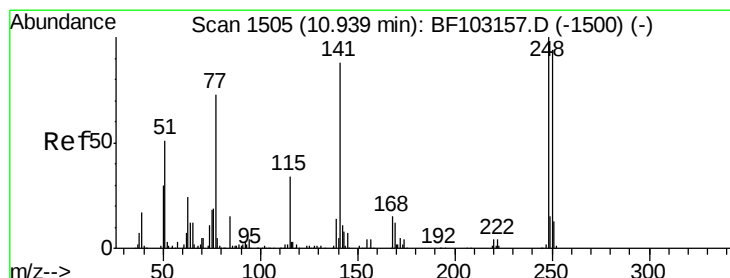
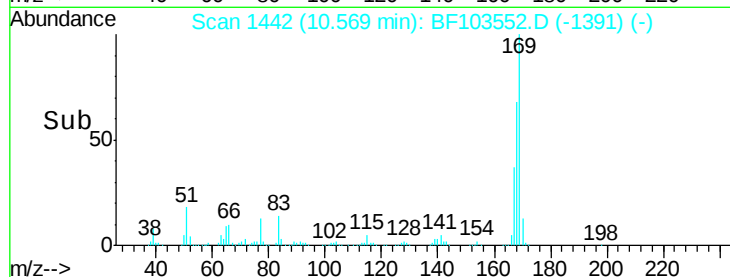
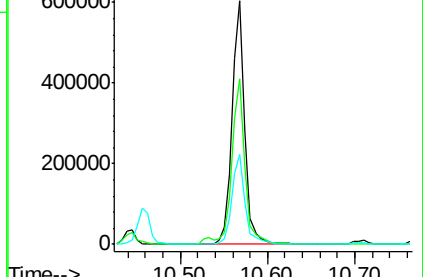
167 36.9 29.8 44.6



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: 40.832 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

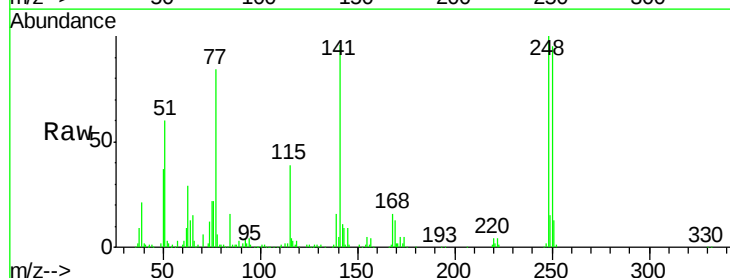
Tgt Ion:248 Resp: 171937

Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.9	115.3
141	96.1	74.4	111.6

248 100

250 95.4 76.9 115.3

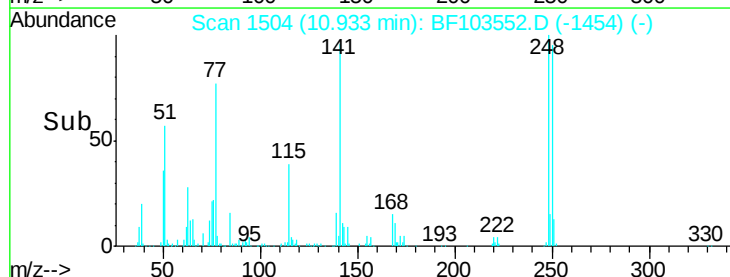
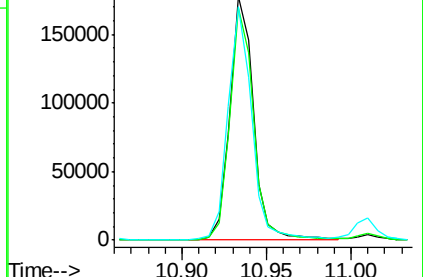
141 96.1 74.4 111.6

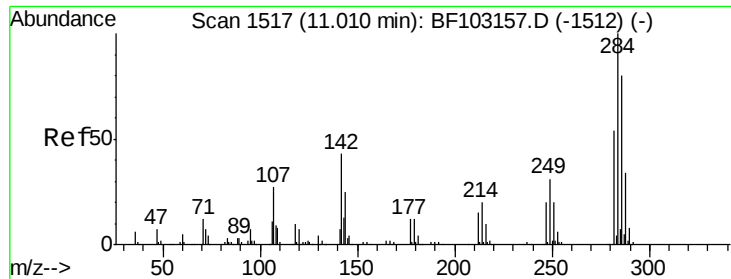


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

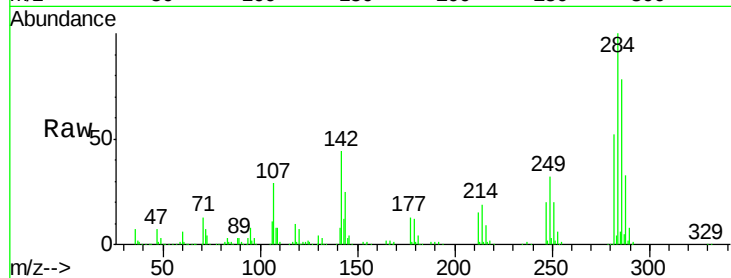




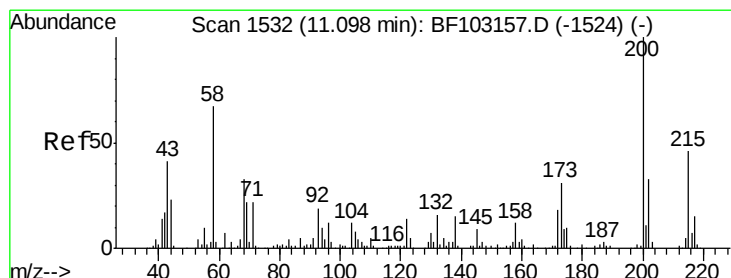
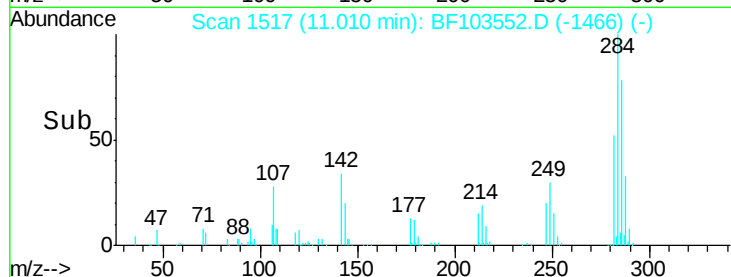
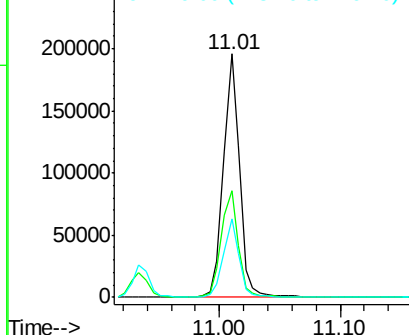
#67
Hexachlorobenzene
Concen: 39.716 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 181520
Ion Ratio Lower Upper
284 100
142 43.8 34.6 52.0
249 32.5 24.8 37.2

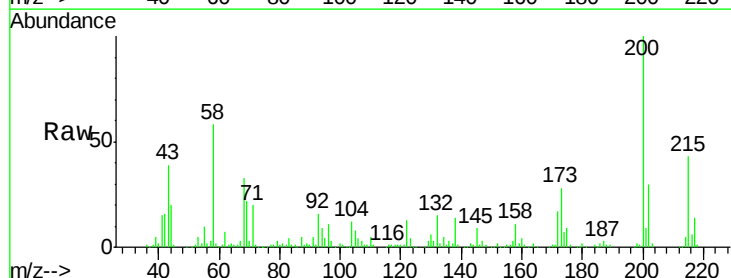


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

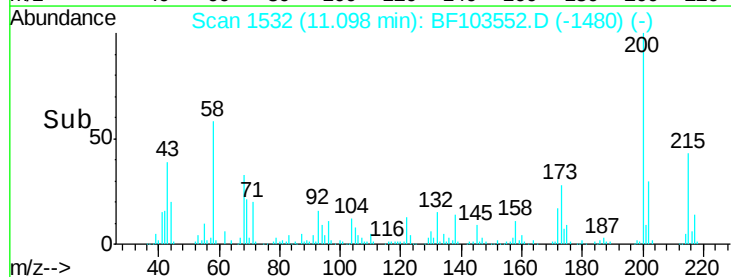
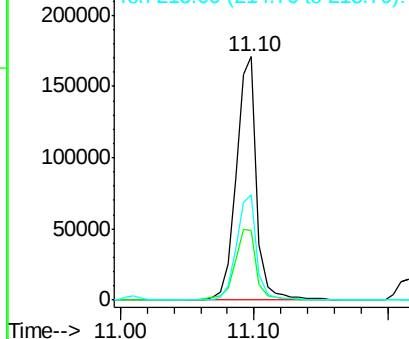


#68
Atrazine
Concen: 42.902 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:200 Resp: 181492
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 43.0 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

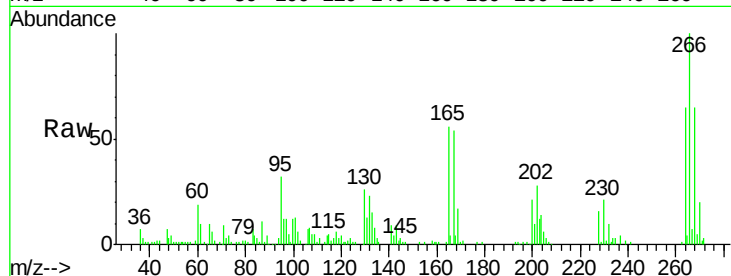




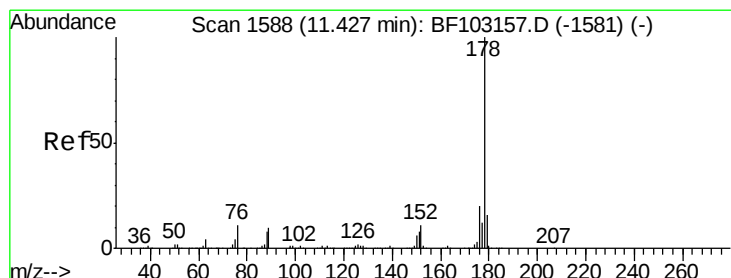
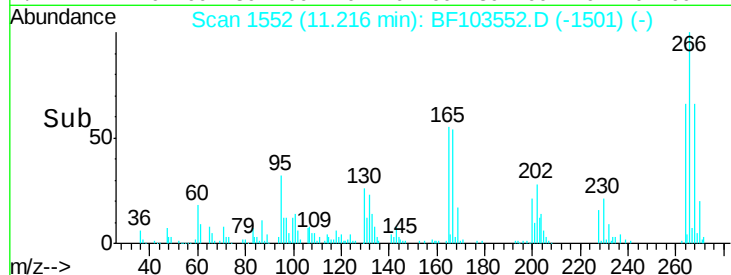
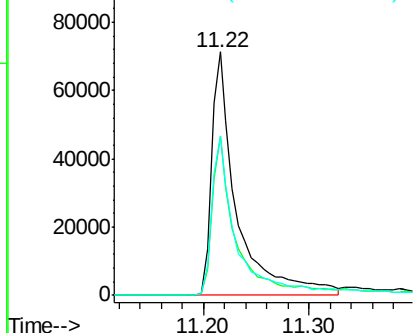
#69
 Pentachlorophenol
 Concen: 53.716 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 118708
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 65.2 49.5 74.3

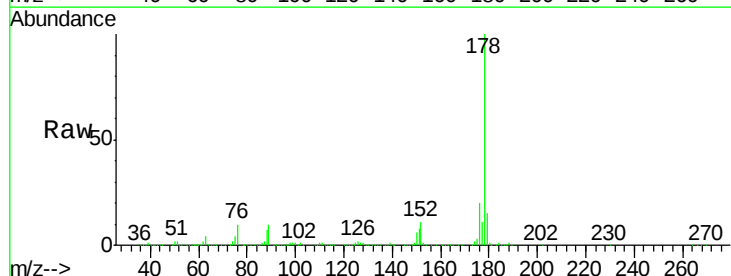


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

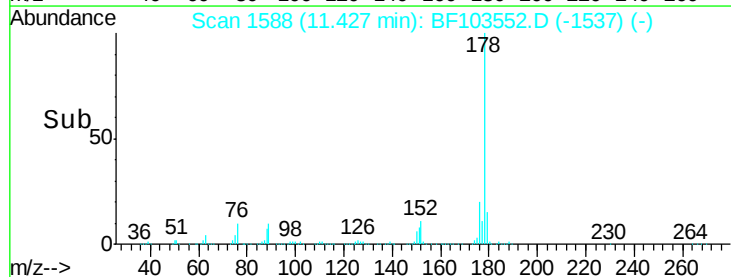
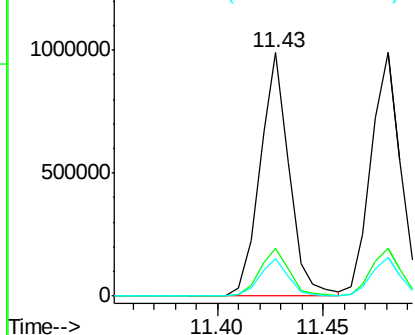


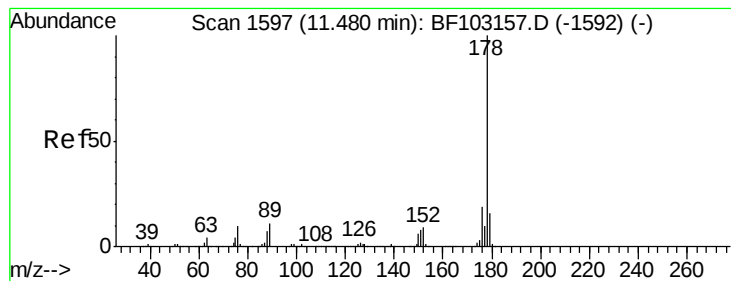
#70
 Phenanthrene
 Concen: 42.666 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion:178 Resp: 949140
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.934 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

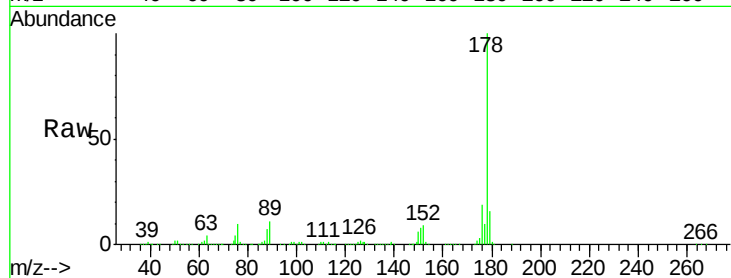
Tot Ion:178 Resp: 1025035

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

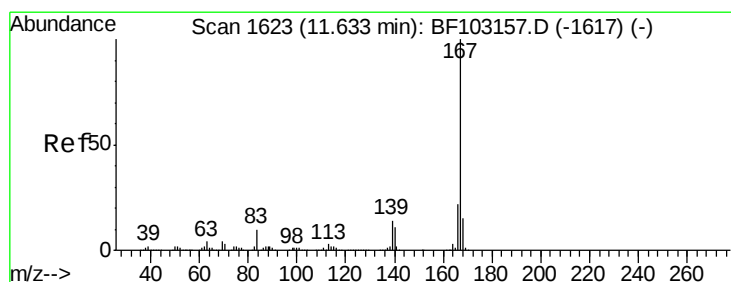
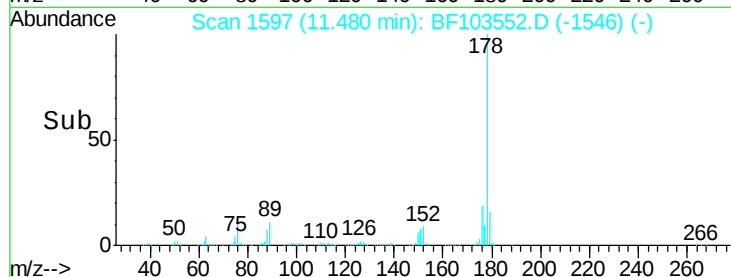
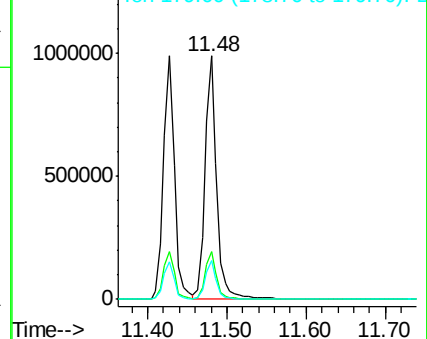
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.575 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

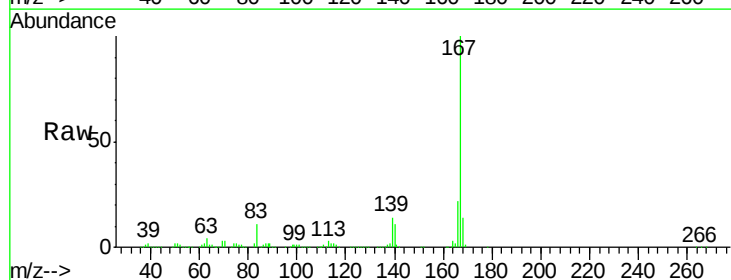
Tgt Ion:167 Resp: 1012605

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

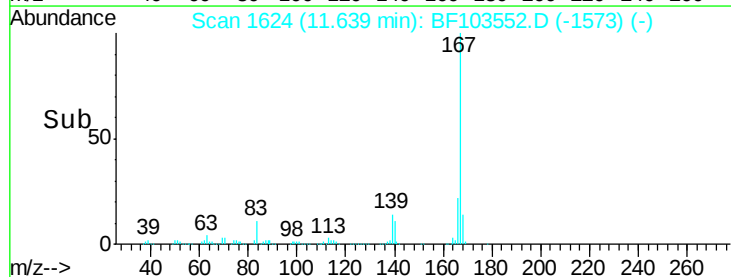
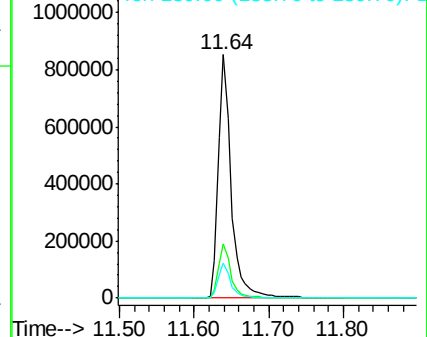
139 14.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.667 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

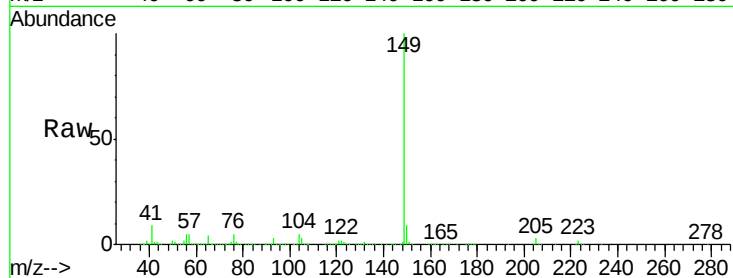
Tot Ion:149 Resp: 1212832

Ion Ratio Lower Upper

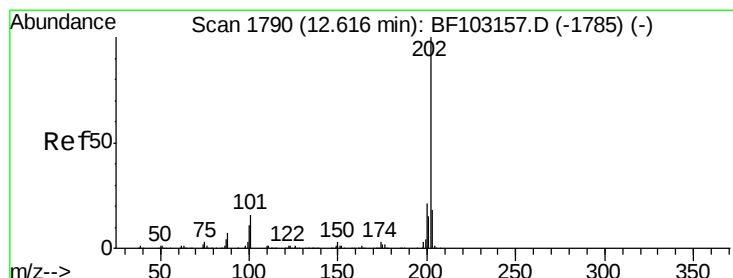
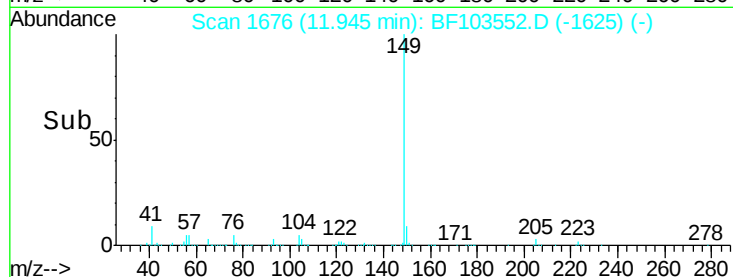
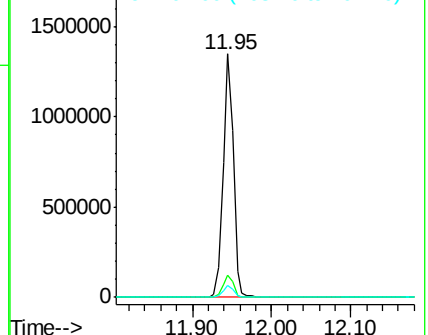
149 100

150 9.2 7.8 11.6

104 5.0 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: 43.629 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

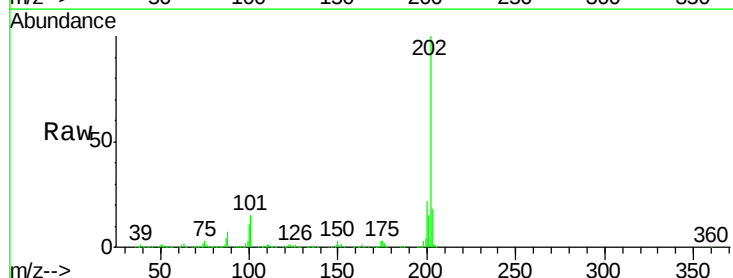
Tgt Ion:202 Resp: 975321

Ion Ratio Lower Upper

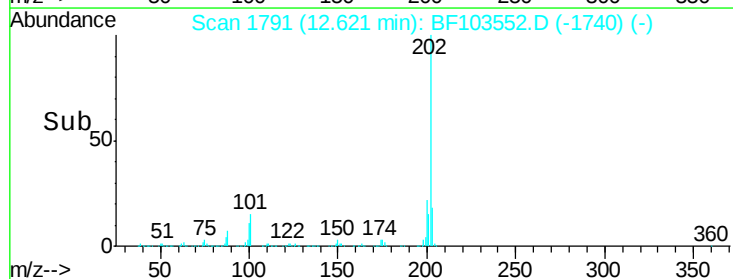
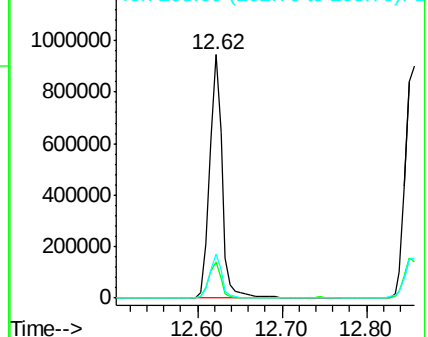
202 100

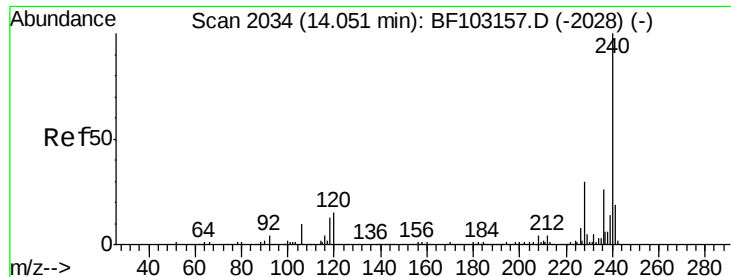
101 15.1 0.0 34.1

203 18.2 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: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

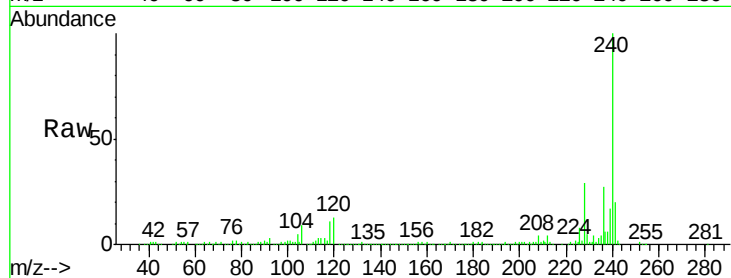
Tot Ion:240 Resp: 291134

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

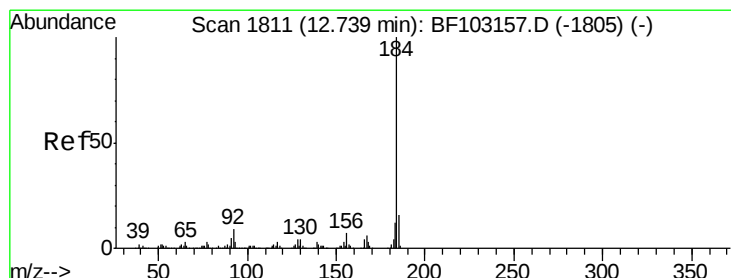
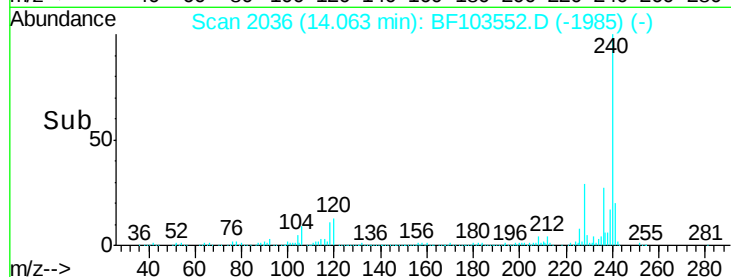
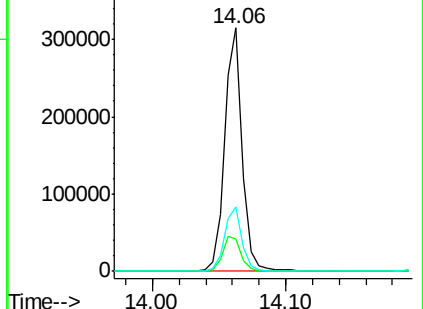
236 26.5 20.7 31.1



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: 48.896 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

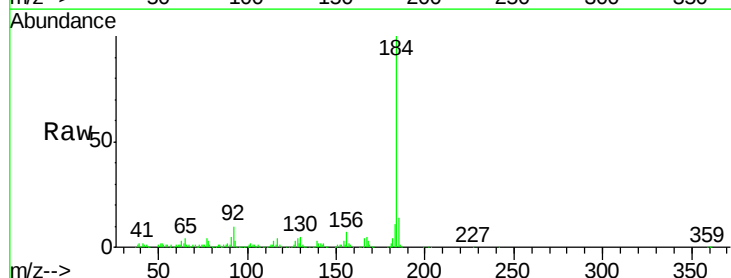
Tgt Ion:184 Resp: 532193

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

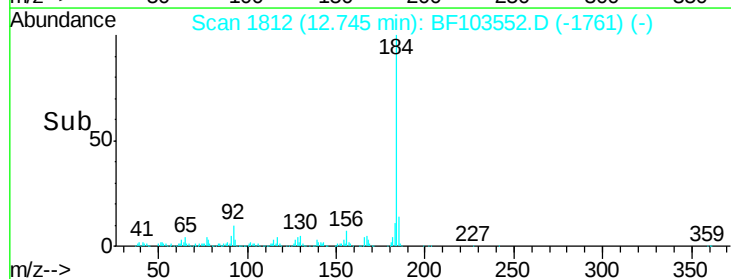
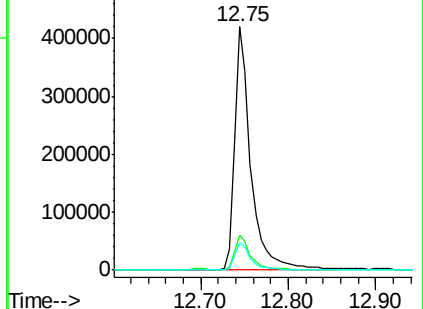
183 11.4 9.3 13.9

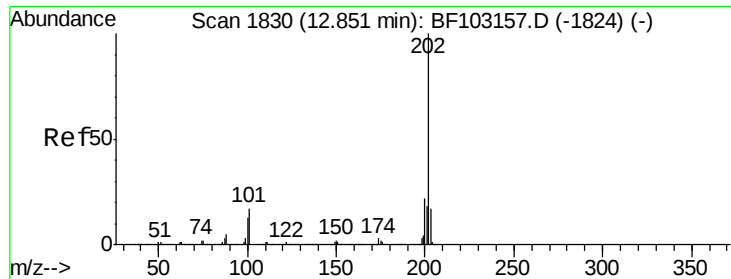


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

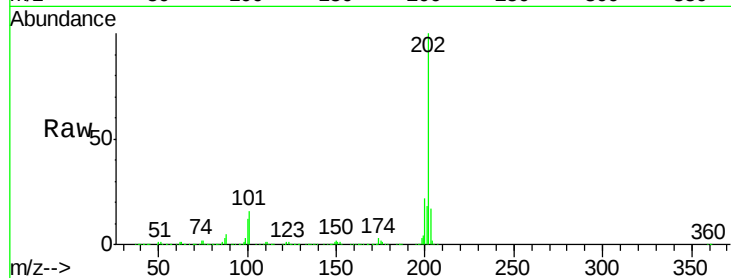




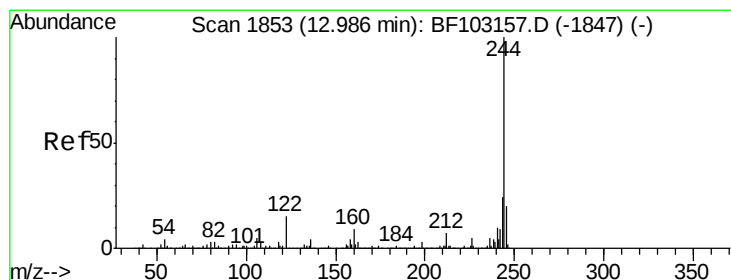
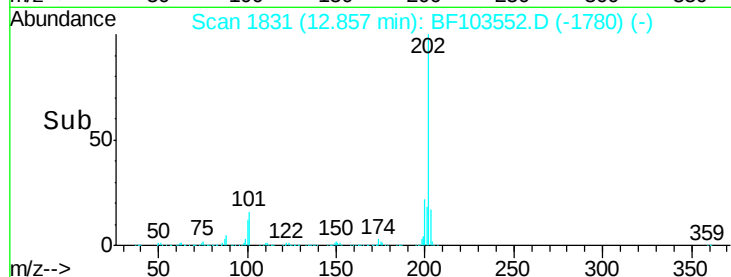
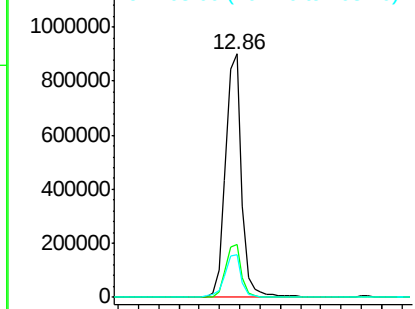
#77
Pvrene
Concen: 43.676 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 991387
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.3 14.3 21.5

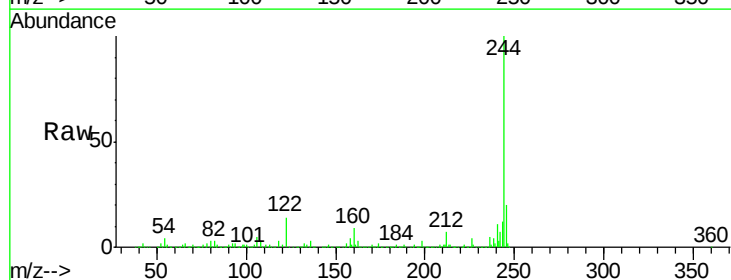


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

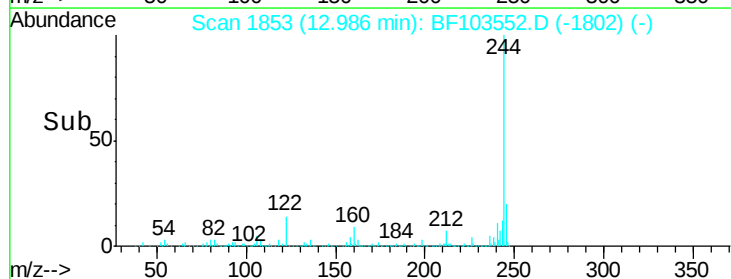
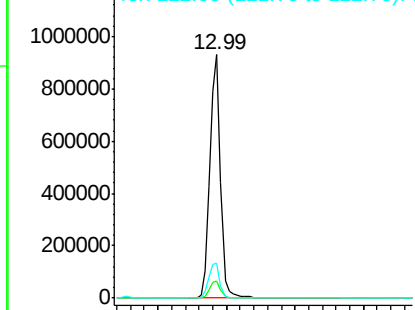


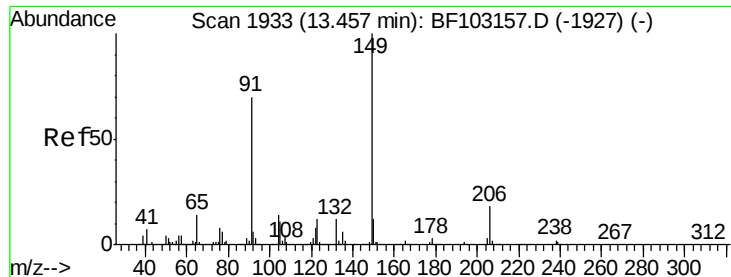
#78
Terphenyl-d14
Concen: 83.683 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion:244 Resp: 1013496
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

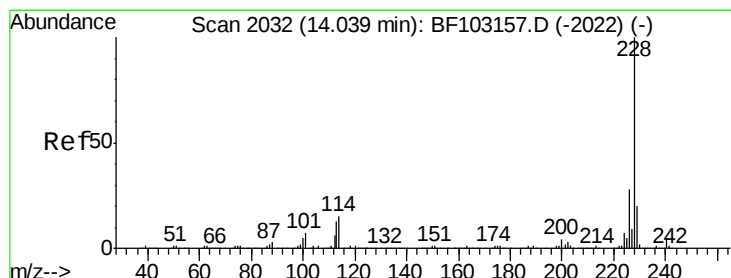
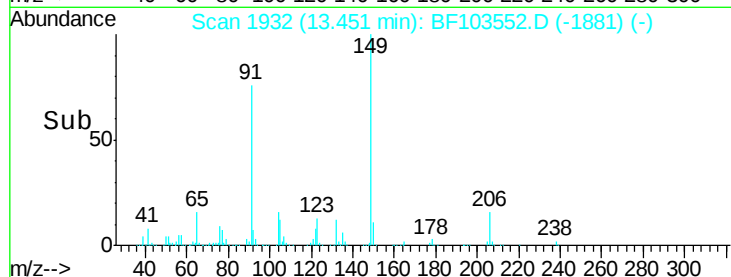
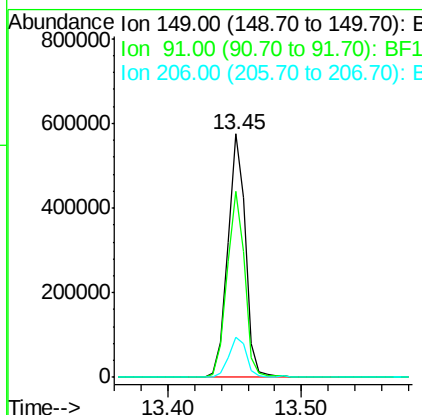
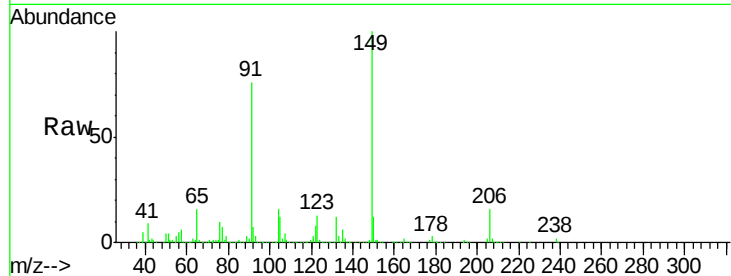




#79
Butylbenzylphthalate
Concen: 44.975 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

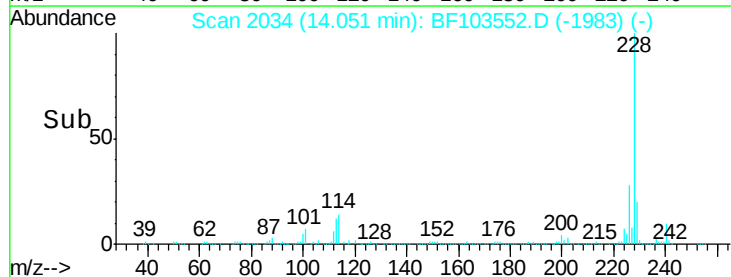
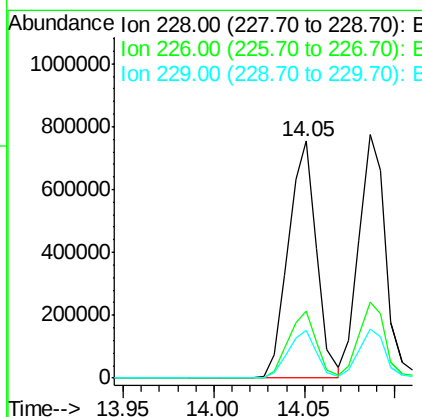
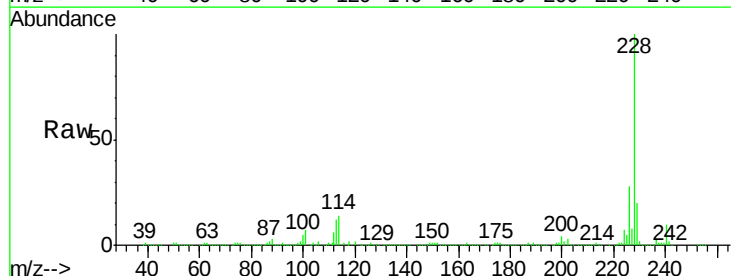
Instrument :
BNA_F
ClientSampleId :

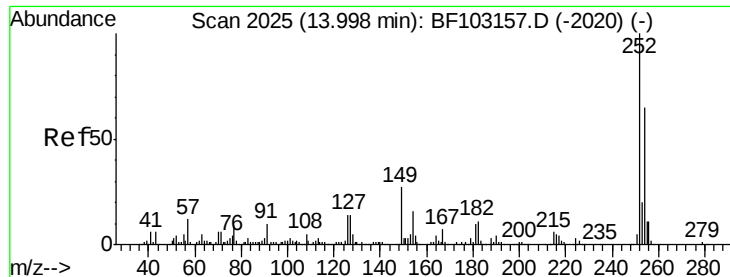
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	56.8	85.2
206	16.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.585 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103552.D
Acq: 9 Mar 2018 11:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6

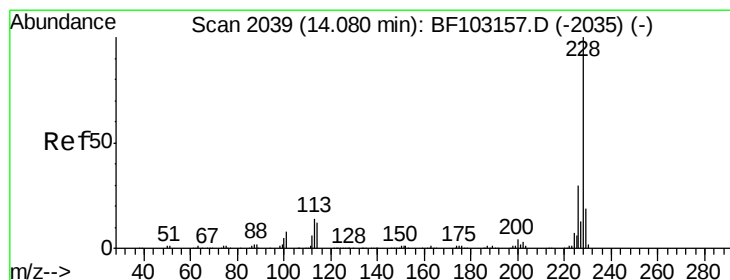
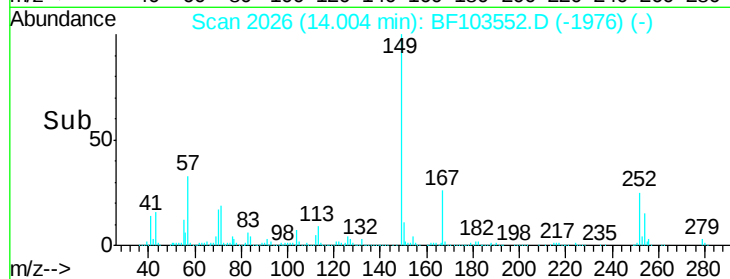
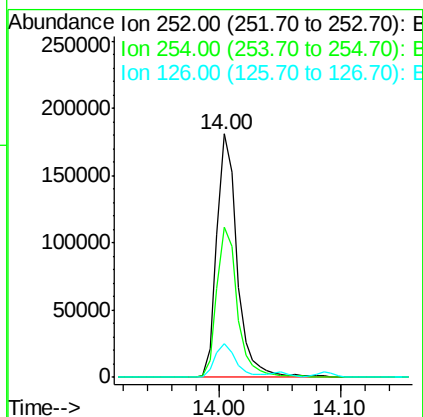
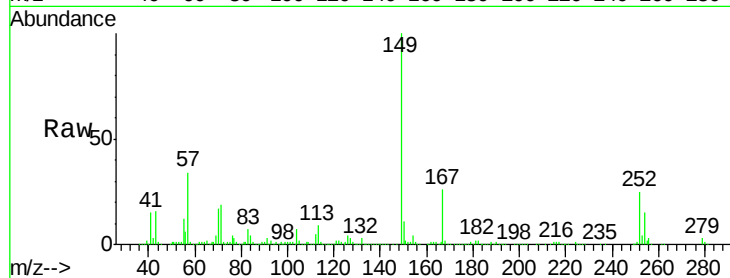




#81
 3,3'-Dichlorobenzidine
 Concen: 31.156 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

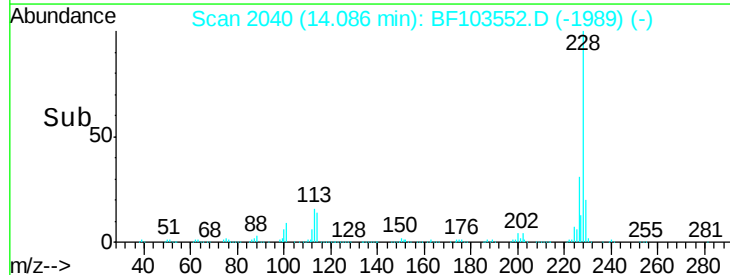
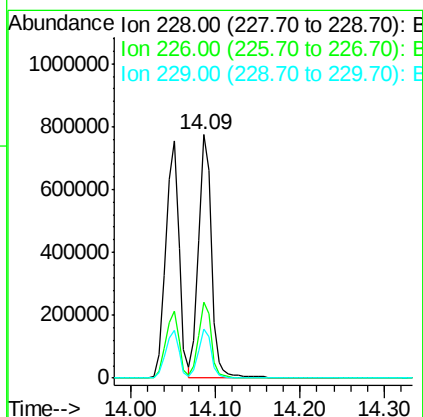
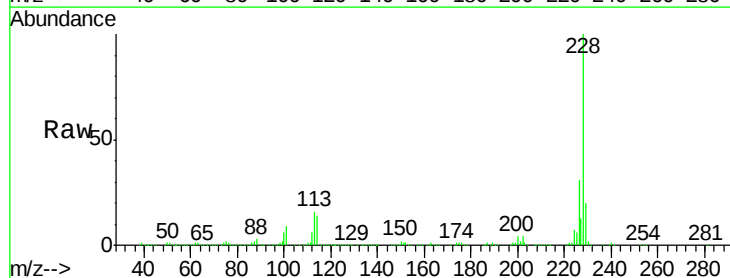
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.9	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 44.563 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.4	16.2	24.4

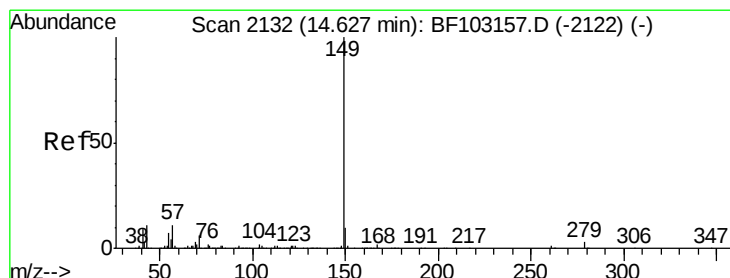
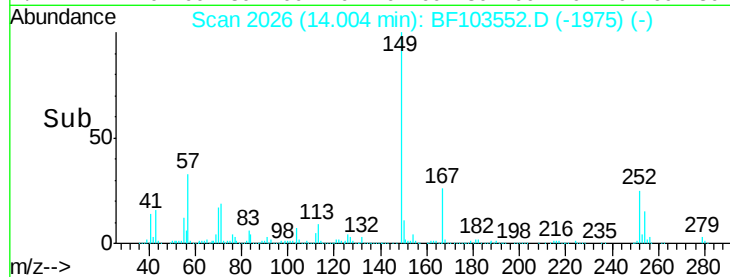
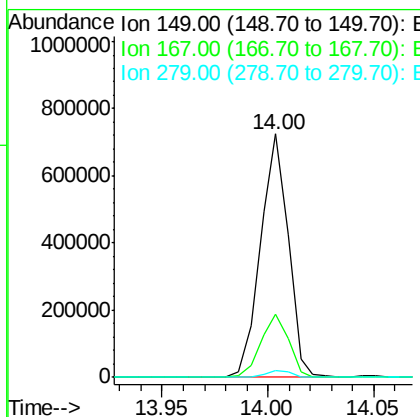
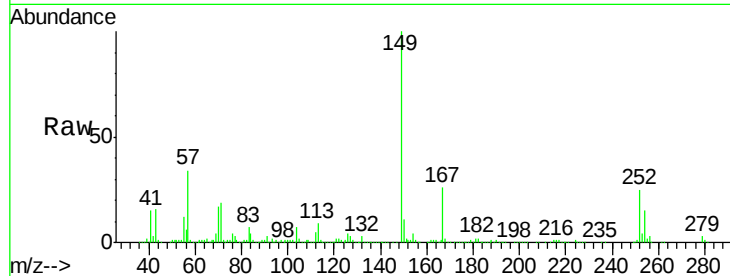




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.959 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

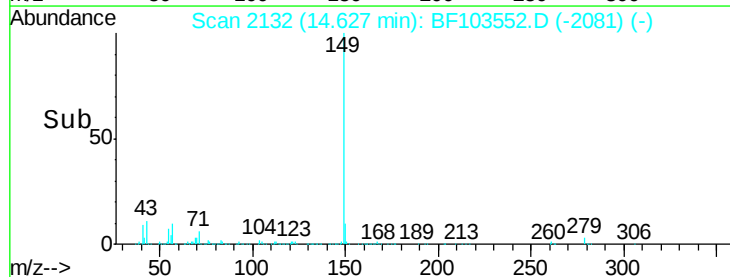
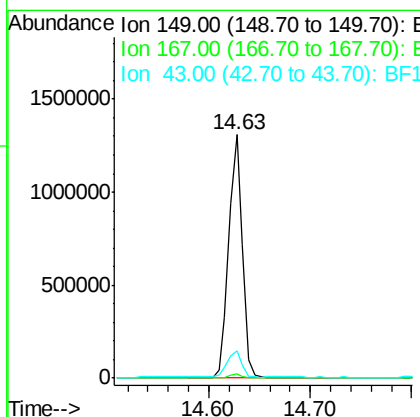
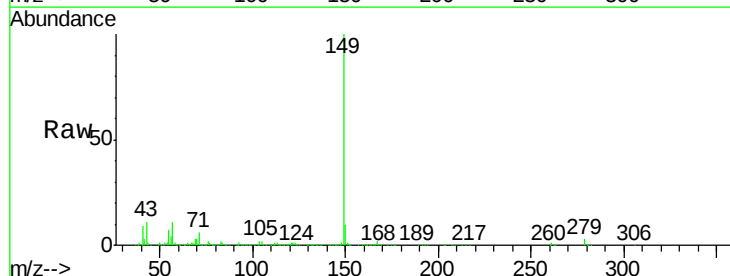
Instrument :
 BNA_F
 ClientSampled :

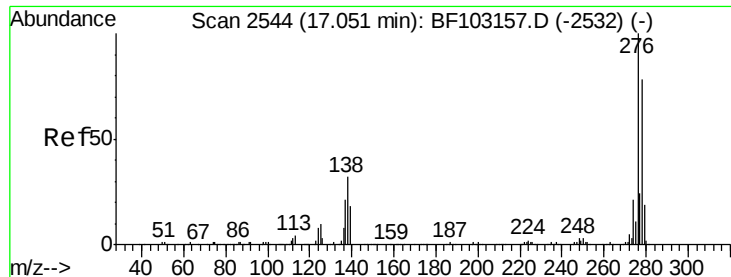
Tot Ion:149 Resp: 662866
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.917 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion:149 Resp: 1226769
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.4 12.6

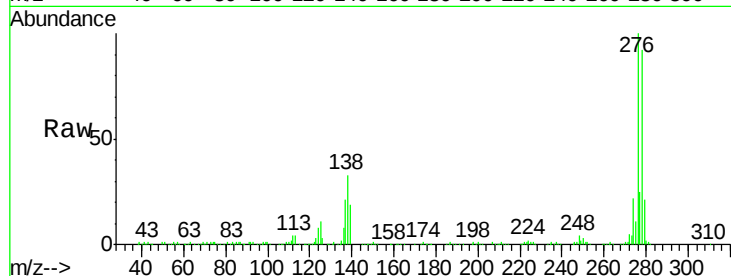




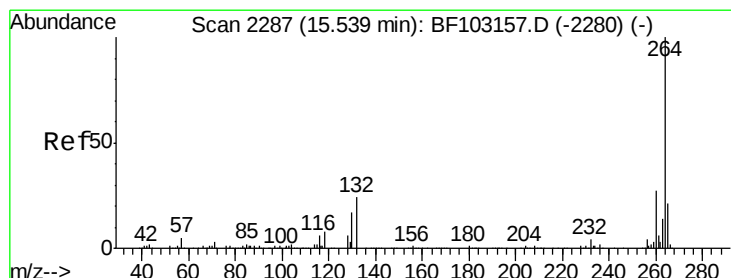
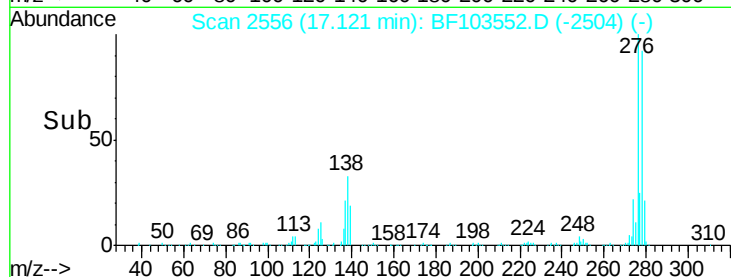
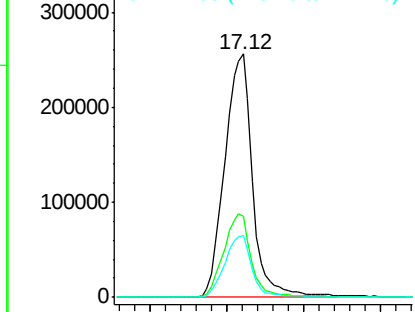
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.279 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.0	20.1	30.1

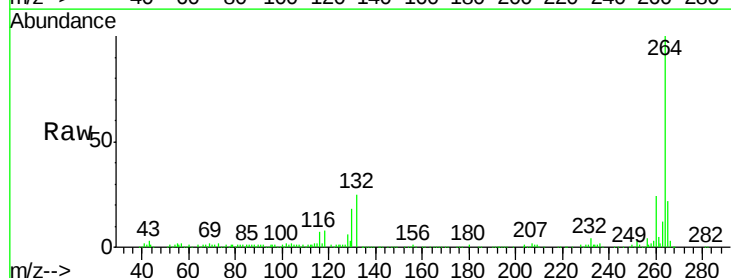


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

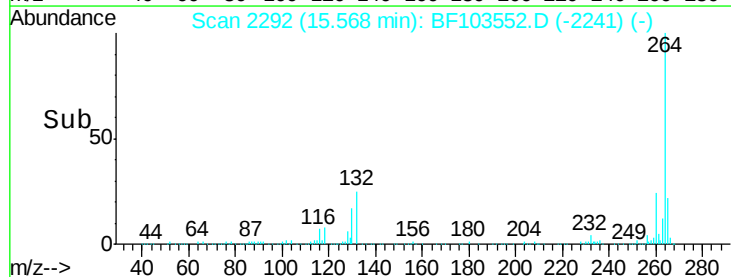
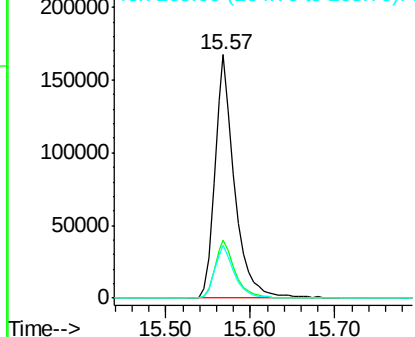


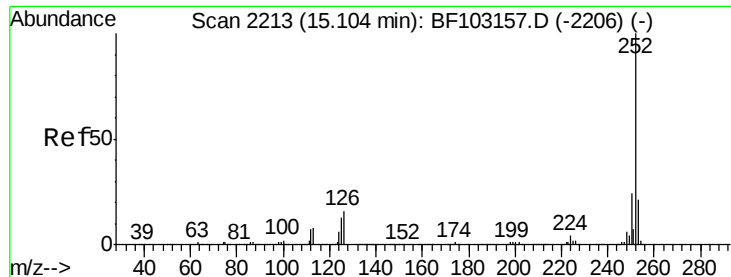
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103552.D
 Acq: 9 Mar 2018 11:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.281 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

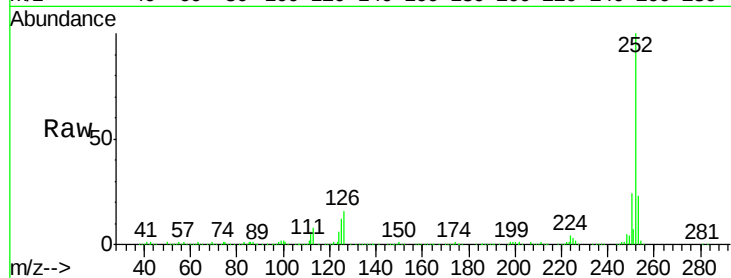
Tot Ion:252 Resp: 743538

Ion Ratio Lower Upper

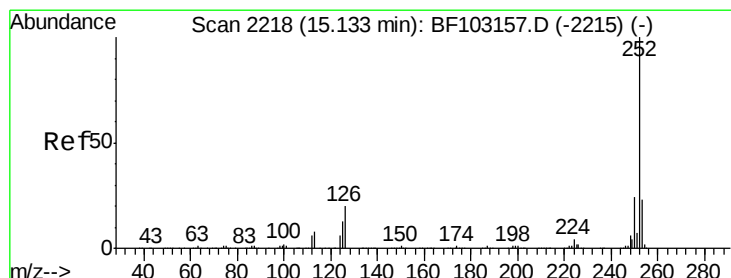
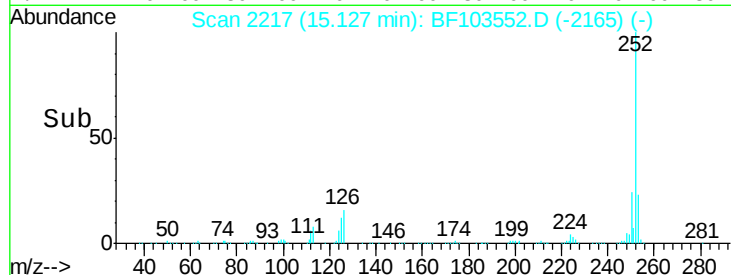
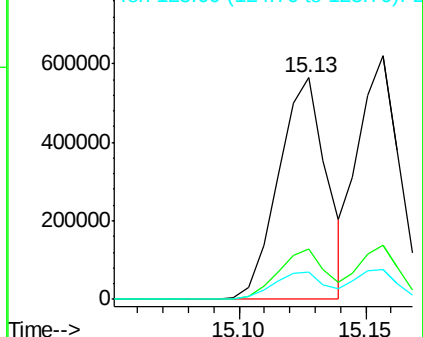
252 100

253 22.6 17.0 25.6

125 12.3 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: 43.709 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

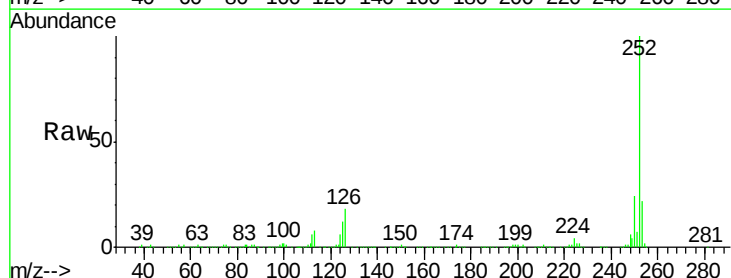
Tgt Ion:252 Resp: 741335

Ion Ratio Lower Upper

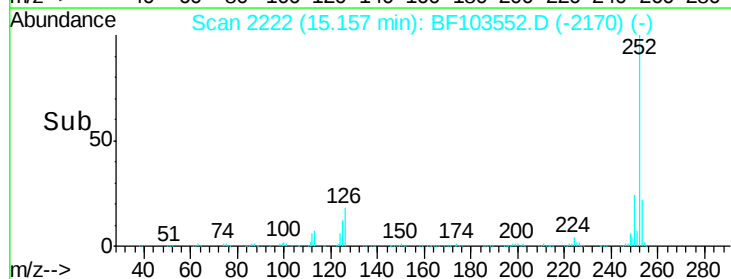
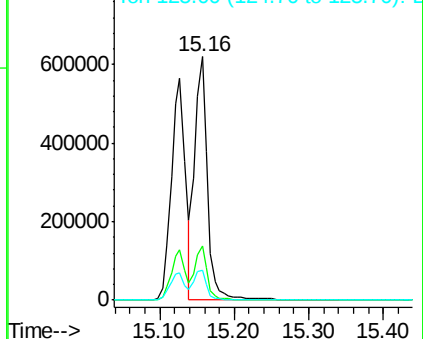
252 100

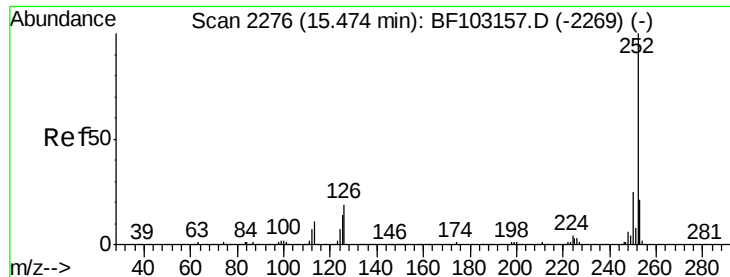
253 22.0 17.9 26.9

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: 43.702 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampled :

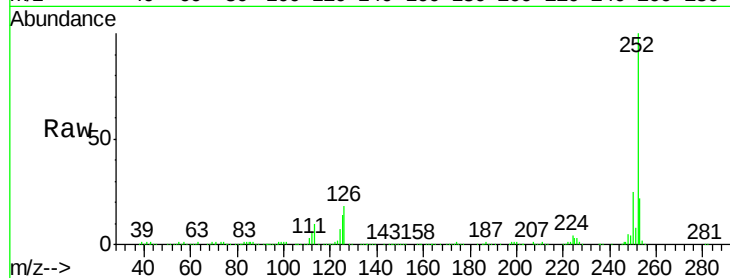
Tot Ion:252 Resp: 702916

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

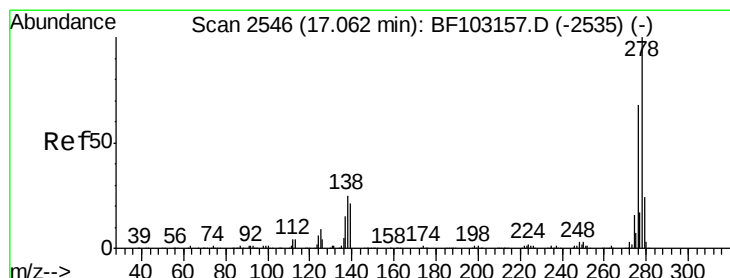
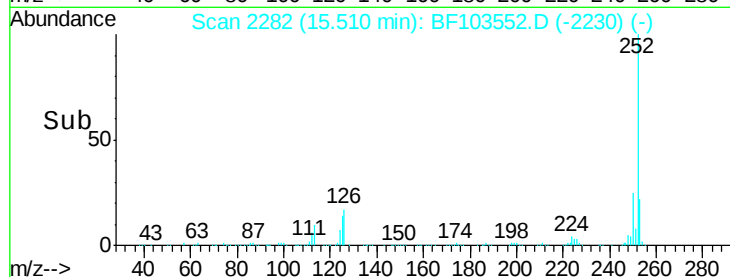
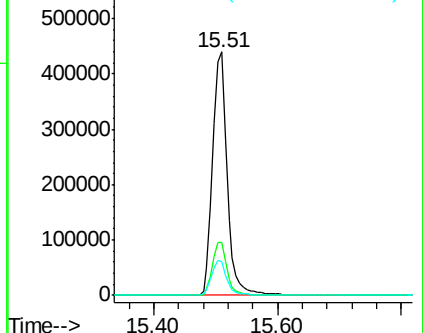
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.339 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

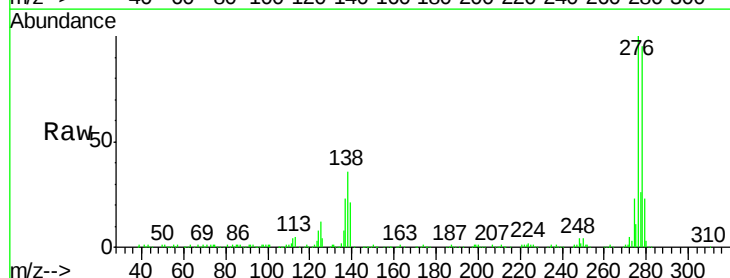
Tgt Ion:278 Resp: 538641

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

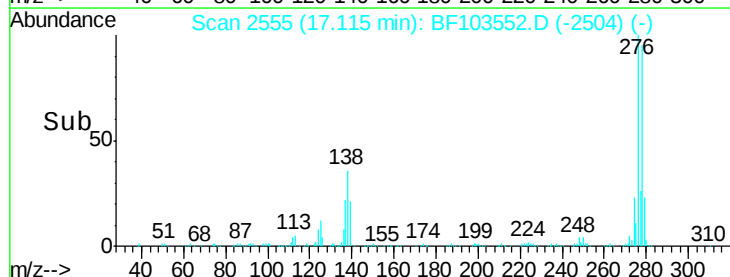
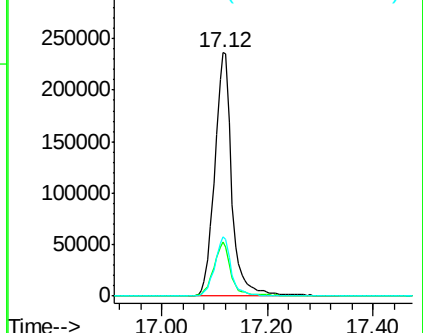
279 24.2 19.0 28.4

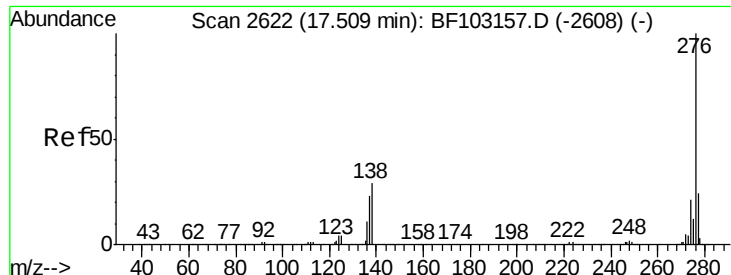


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.676 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BF103552.D

Acq: 9 Mar 2018 11:21

Instrument :

BNA_F

ClientSampleId :

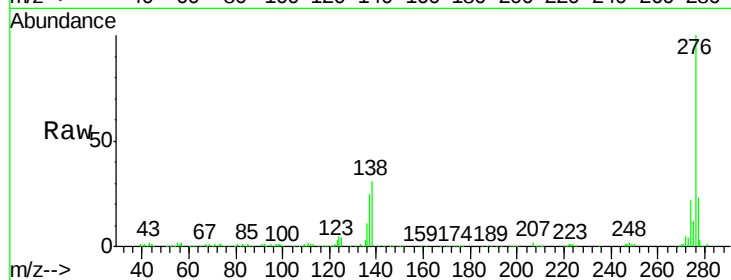
Tot Ion:276 Resp: 554827

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 31.4 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

