

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101951.D
 Acq On : 9 Jan 2018 14:38
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

Quant Time: Jan 09 15:20:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	230121	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	944022	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	422100	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	718174	20.00	ng	0.00
75) Chrysene-d12	13.88	240	463842	20.00	ng	0.00
86) Perylene-d12	15.29	264	390408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1209291	74.21	ng	0.00
7) Phenol-d6	6.36	99	1449574	74.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	1301923	81.04	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	283251	76.89	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2106479	77.96	ng	0.00
78) Terphenyl-d14	12.83	244	1694509	75.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	303585	37.329	ng	94
3) Pyridine	3.08	79	850452	38.292	ng	93
4) n-Nitrosodimethylamine	3.05	42	357674	38.457	ng	99
6) Aniline	6.39	93	1022399	37.312	ng	98
8) 2-Chlorophenol	6.51	128	615472	37.656	ng	99
9) Benzaldehyde	6.27	77	502751	37.240	ng	99
10) Phenol	6.37	94	846090	38.505	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	622593	37.226	ng	96
12) 1,3-Dichlorobenzene	6.67	146	712191	37.800	ng	98
13) 1,4-Dichlorobenzene	6.75	146	706214	37.563	ng	99
14) 1,2-Dichlorobenzene	6.90	146	657826	37.803	ng	99
15) Benzyl Alcohol	6.87	79	537889	37.819	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1158682	37.582	ng	96
17) 2-Methylphenol	6.97	107	551440	37.400	ng	98
18) Hexachloroethane	7.24	117	256846	38.795	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	473639	37.172	ng	95
20) 3+4-Methylphenols	7.13	107	647536	36.577	ng	# 81
22) Acetophenone	7.14	105	860554	37.834	ng	# 88
24) Nitrobenzene	7.32	77	690056	39.975	ng	97
25) Isophorone	7.55	82	1208701	38.079	ng	100
26) 2-Nitrophenol	7.63	139	314737	43.562	ng	97
27) 2,4-Dimethylphenol	7.66	122	525703	38.960	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	731838	38.184	ng	99
29) 2,4-Dichlorophenol	7.86	162	500212	39.041	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	522412	38.981	ng	97
31) Naphthalene	8.03	128	1797132	38.098	ng	99
32) Benzoic acid	7.79	122	475905	46.511	ng	98
33) 4-Chloroaniline	8.08	127	756755	37.587	ng	97
34) Hexachlorobutadiene	8.15	225	277110	39.063	ng	99
35) Caprolactam	8.46	113	170768	38.824	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	534781	38.131	ng	99
37) 2-Methylnaphthalene	8.72	142	1173852	37.800	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	451304	37.793	ng	99
40) Hexachlorocyclopentadiene	8.87	237	263347	40.324	ng	100

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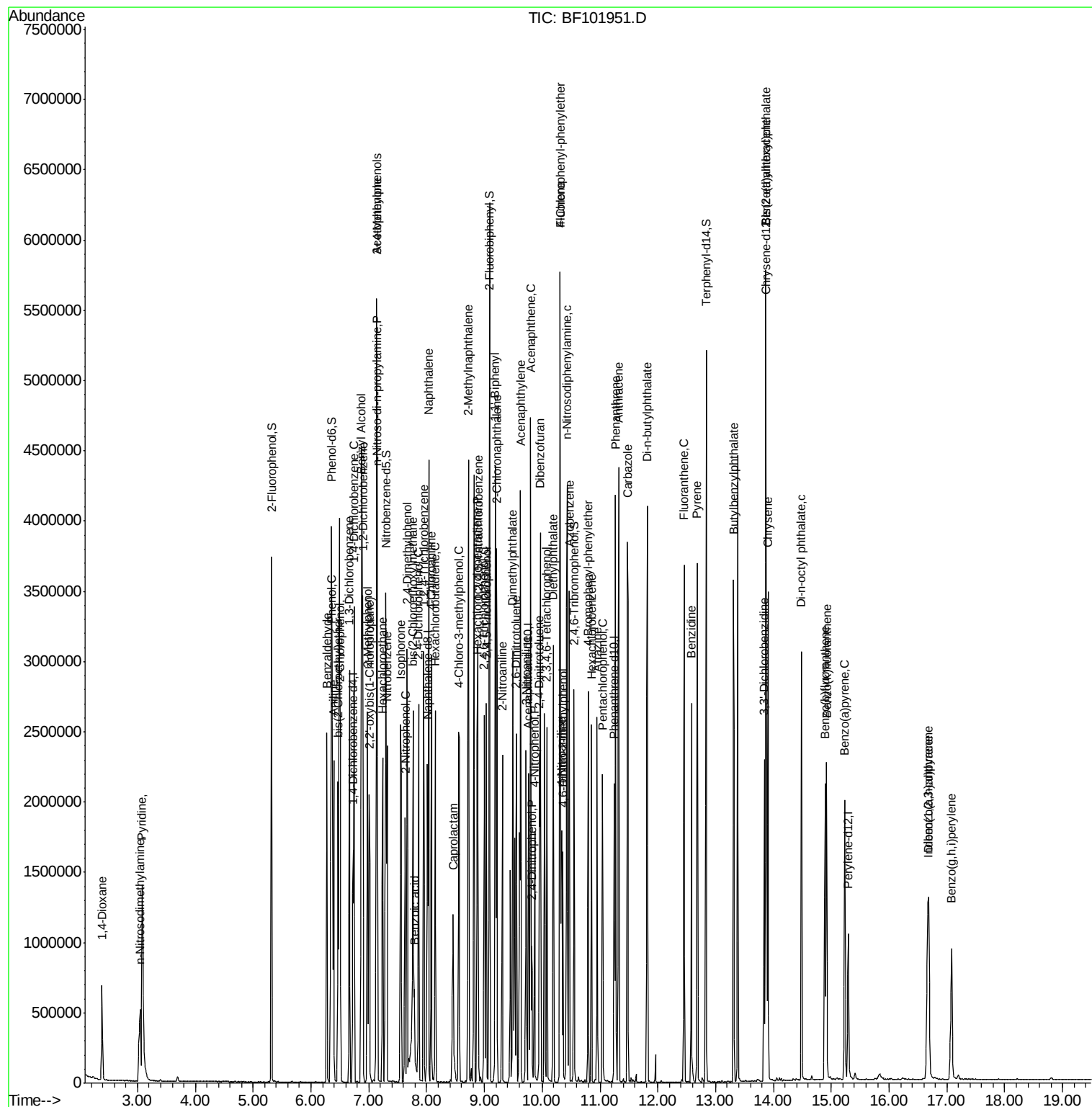
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	326874	39.722	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	348223	37.440	nq	98
45) 1,1'-Biphenyl	9.19	154	1379818	36.983	nq	99
46) 2-Chloronaphthalene	9.21	162	1082365	37.411	nq	98
47) 2-Nitroaniline	9.31	65	369236	42.605	nq	96
48) Acenaphthylene	9.63	152	1733187	37.748	nq	100
49) Dimethylphthalate	9.49	163	1264534	37.345	nq	99
50) 2,6-Dinitrotoluene	9.55	165	285681	42.237	nq	93
51) Acenaphthene	9.80	154	1048820	37.635	nq	99
52) 3-Nitroaniline	9.72	138	335717	39.328	nq	95
53) 2,4-Dinitrophenol	9.82	184	93226	40.821	nq	# 19
54) Dibenzofuran	9.97	168	1444322	37.763	nq	98
55) 4-Nitrophenol	9.87	139	261853	41.162	nq	95
56) 2,4-Dinitrotoluene	9.95	165	365411	43.103	nq	94
57) Fluorene	10.31	166	1023269	38.702	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	254900	38.496	nq	97
59) Diethylphthalate	10.19	149	1279370	37.983	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	438685	38.965	nq	93
61) 4-Nitroaniline	10.33	138	324848	40.098	nq	95
62) Azobenzene	10.47	77	1266491	37.792	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	156859	41.134	nq	96
65) n-Nitrosodiphenylamine	10.43	169	1001738	37.249	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	289229	38.135	nq	92
67) Hexachlorobenzene	10.85	284	309709	37.406	nq	98
68) Atrazine	10.96	200	298587	38.419	nq	98
69) Pentachlorophenol	11.05	266	210104	41.614	nq	99
70) Phenanthrene	11.27	178	1540895	36.731	nq	99
71) Anthracene	11.32	178	1586119	37.280	nq	99
72) Carbazole	11.47	167	1546321	36.977	nq	98
73) Di-n-butylphthalate	11.82	149	1918047	37.385	nq	100
74) Fluoranthene	12.46	202	1533424	37.152	nq	99
76) Benzidine	12.58	184	833161	37.197	nq	# 93
77) Pyrene	12.68	202	1587009	38.707	nq	99
79) Butylbenzylphthalate	13.31	149	774010	41.135	nq	95
80) Benzo(a)anthracene	13.87	228	1152014	38.927	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	430953	39.328	nq	96
82) Chrysene	13.90	228	1195604	38.744	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	879556	40.748	nq	100
84) Di-n-octyl phthalate	14.49	149	1516394	42.335	nq	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	828921	36.906	nq	94
87) Benzo(b)fluoranthene	14.89	252	1008704	39.626	nq	98
88) Benzo(k)fluoranthene	14.92	252	930686	37.900	nq	99
89) Benzo(a)pyrene	15.23	252	873634	38.139	nq	# 95
90) Dibenzo(a,h)anthracene	16.69	278	680881	37.247	nq	# 95
91) Benzo(g,h,i)perylene	17.08	276	676873	36.758	nq	93

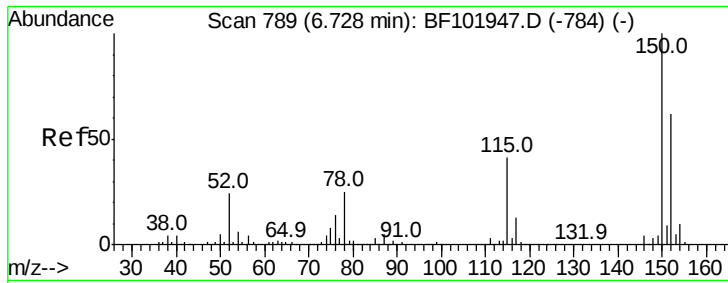
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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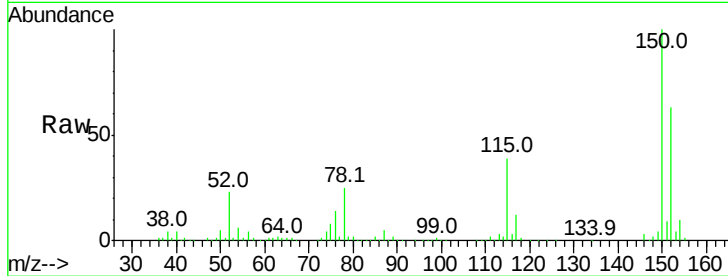


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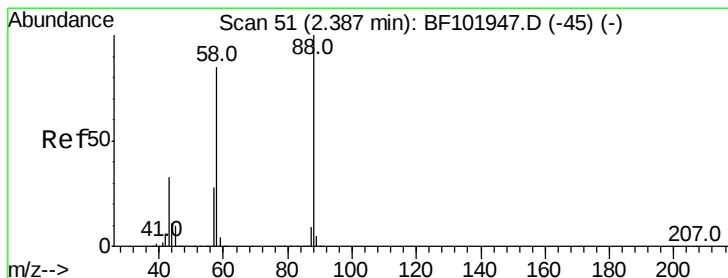
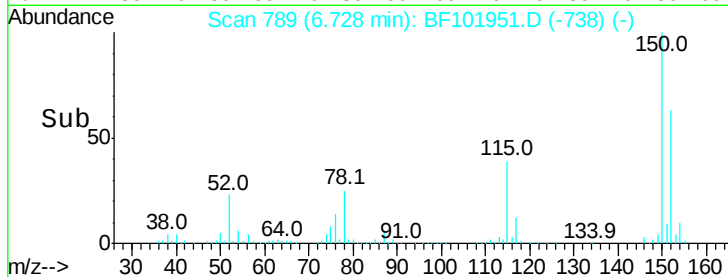
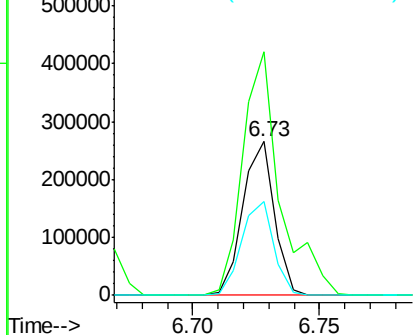
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF010918

Tot Ion:152 Resp: 230121
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.1 50.1 75.1



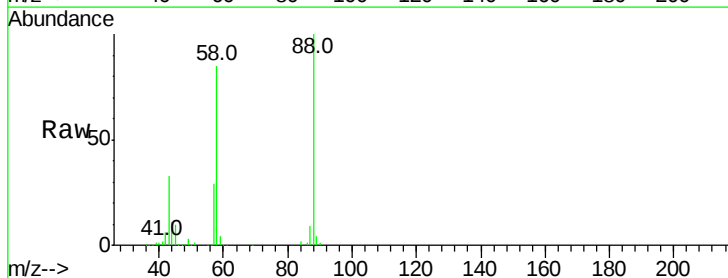
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



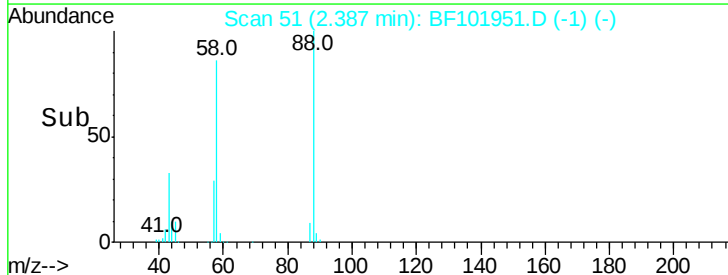
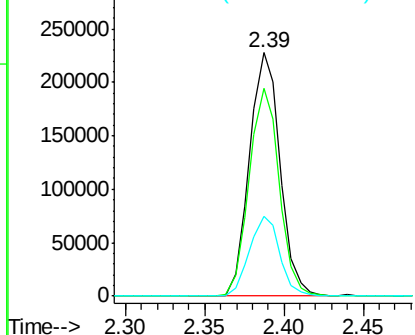
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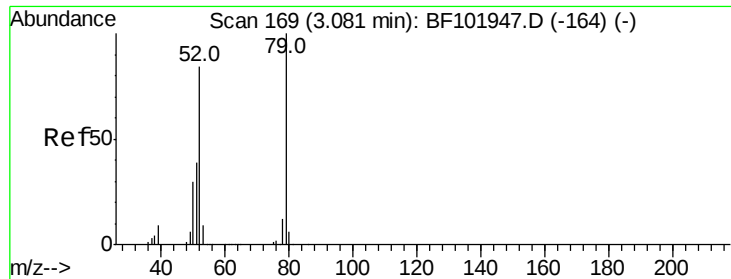
1,4-Dioxane
Concen: 37.329 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion: 88 Resp: 303585
Ion Ratio Lower Upper
88 100
58 84.5 62.6 93.8
43 33.0 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.292 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

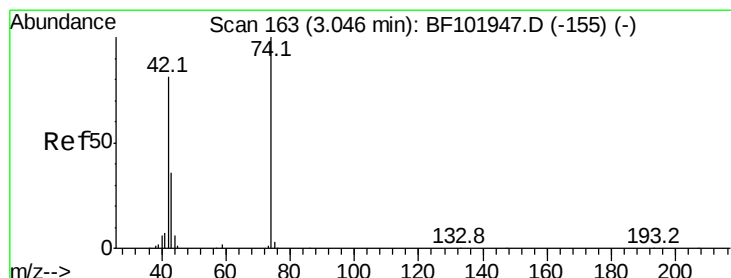
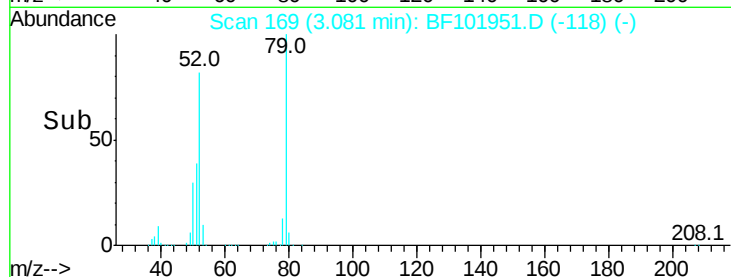
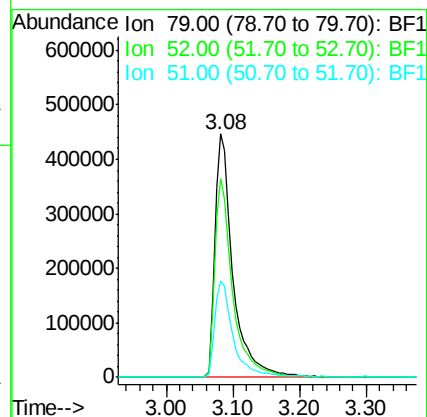
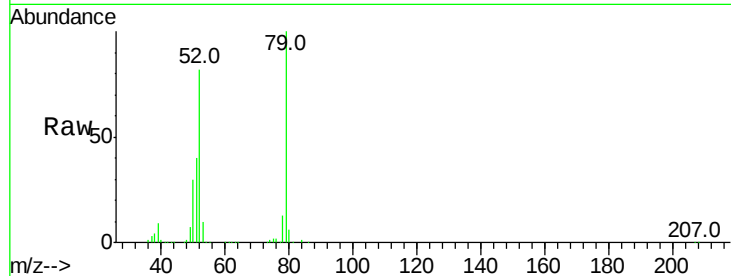
Tot Ion: 79 Resp: 850452

Ion Ratio Lower Upper

79 100

52 81.8 59.8 89.6

51 39.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.457 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

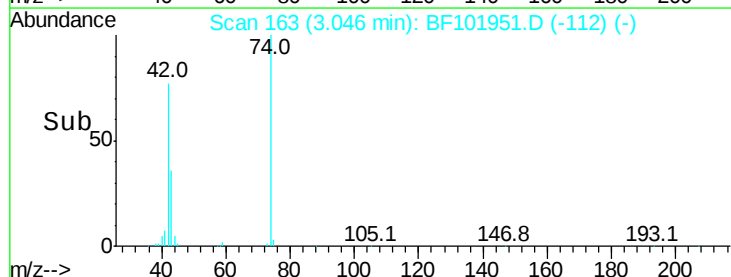
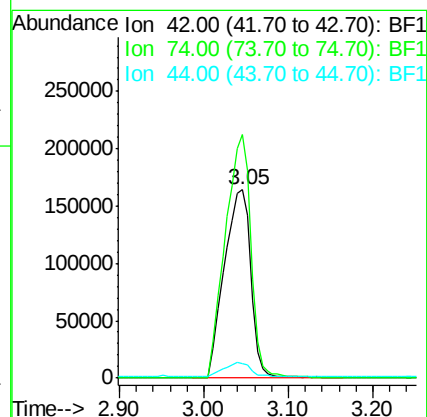
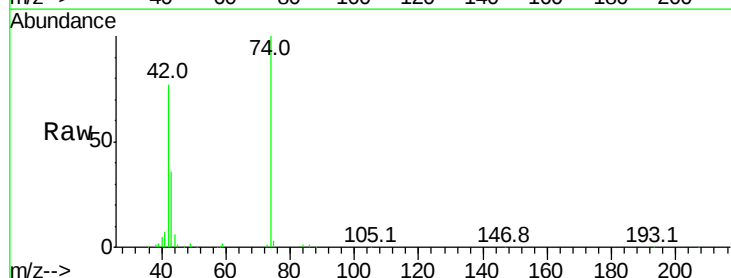
Tgt Ion: 42 Resp: 357674

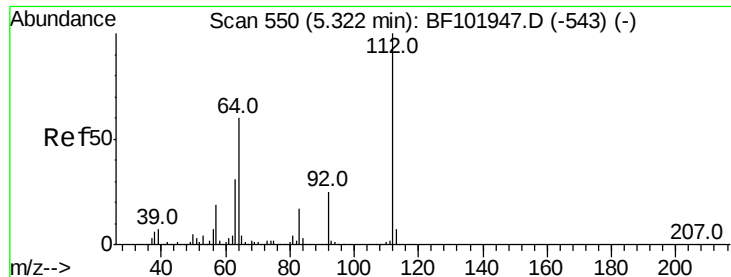
Ion Ratio Lower Upper

42 100

74 129.5 104.9 157.3

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 74.205 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF101951.D

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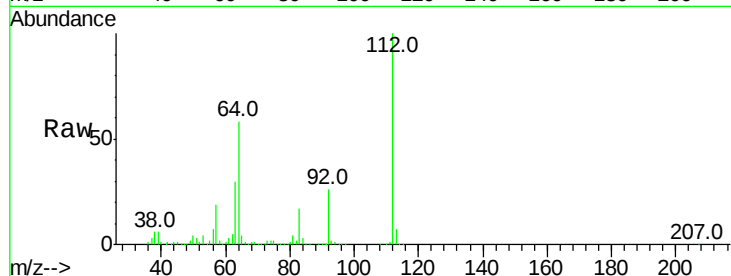
Tot Ion:112 Resp: 1209291

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

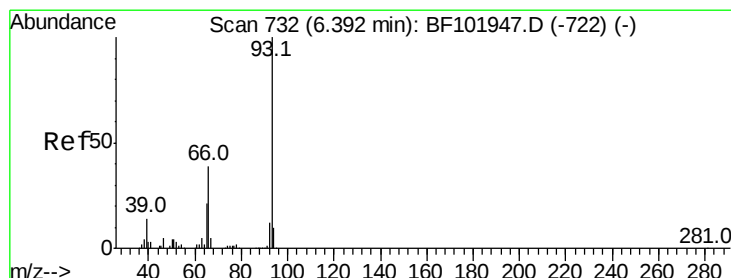
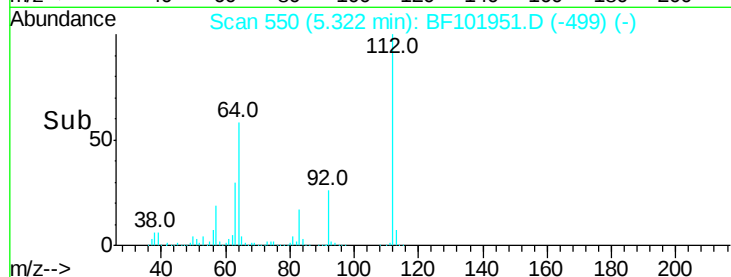
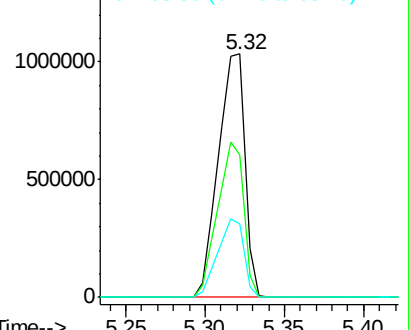
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.312 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

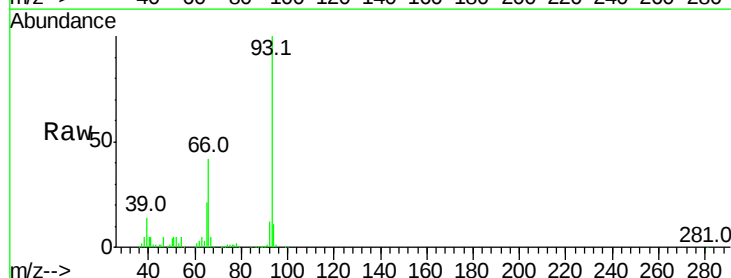
Tgt Ion: 93 Resp: 1022399

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

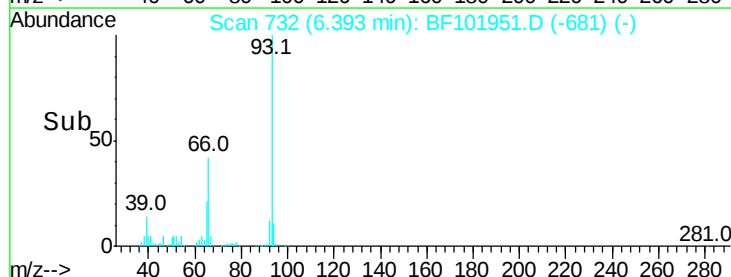
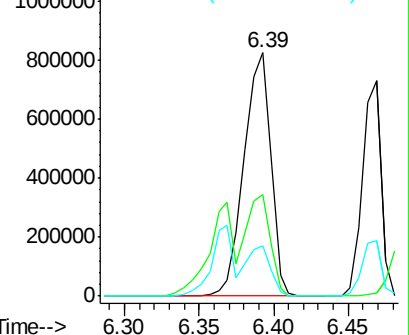
65 20.7 16.4 24.6

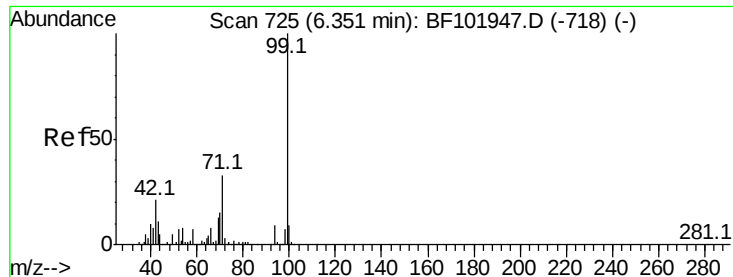


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.553 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

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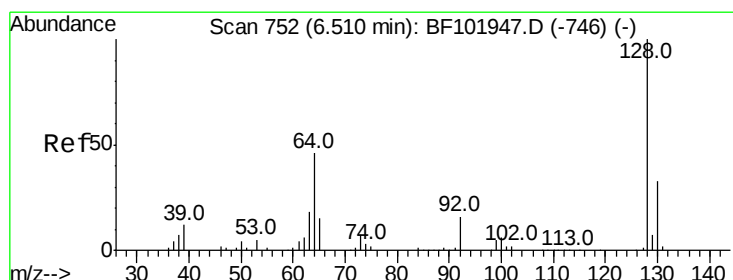
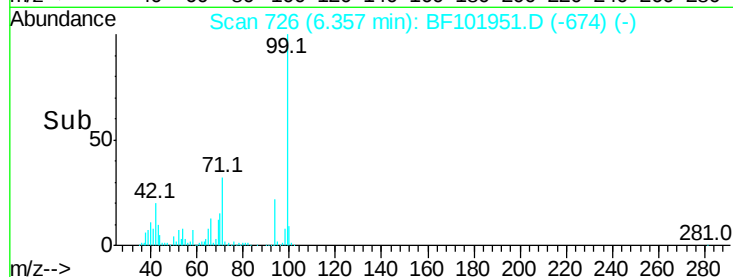
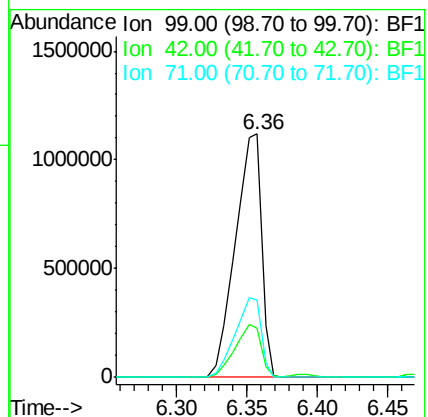
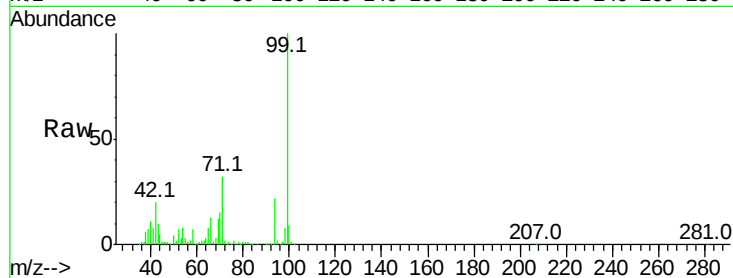
Tot Ion: 99 Resp: 1449574

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.656 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

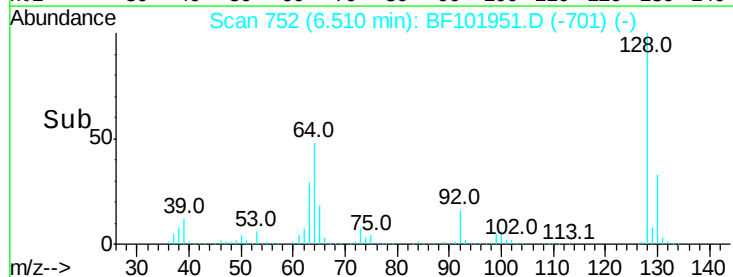
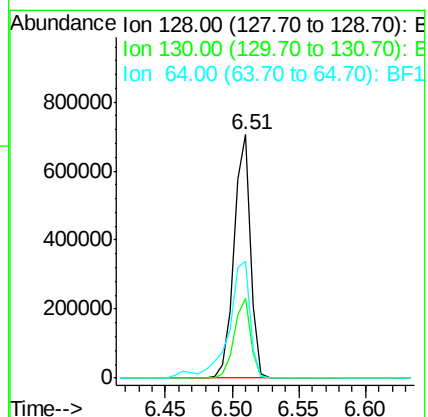
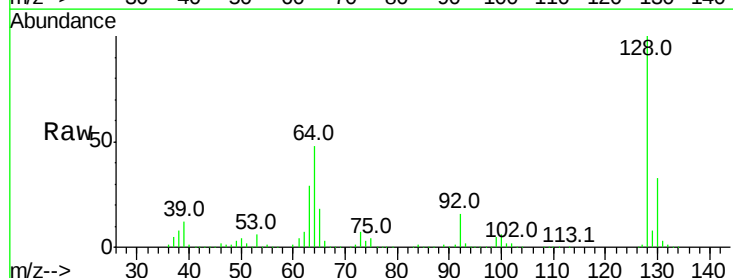
Tgt Ion: 128 Resp: 615472

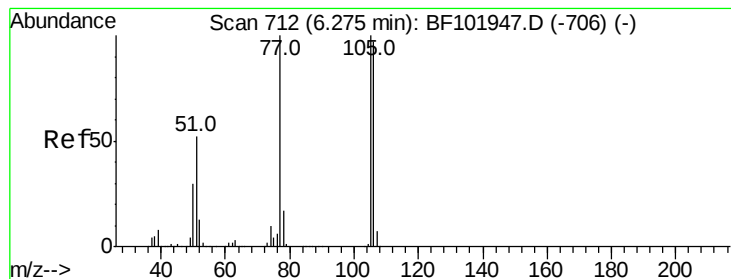
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 48.2 29.4 69.4





#9

Benzaldehyde

Concen: 37.240 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

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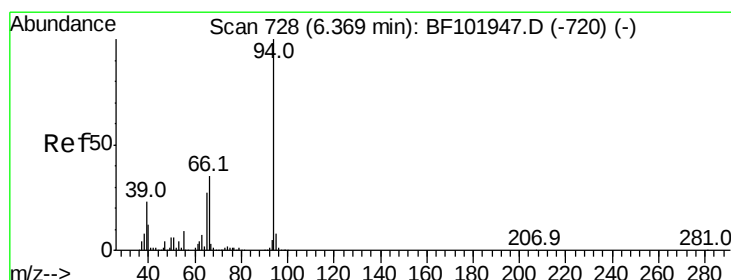
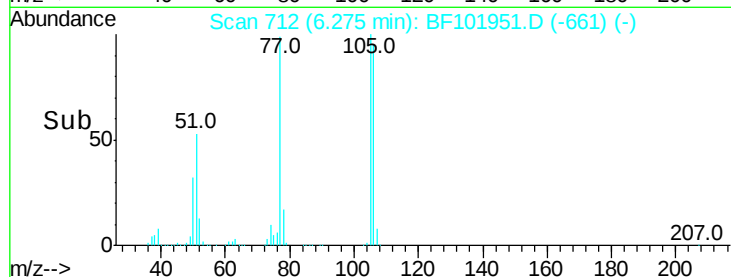
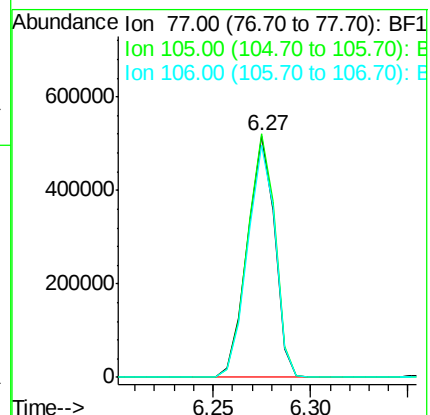
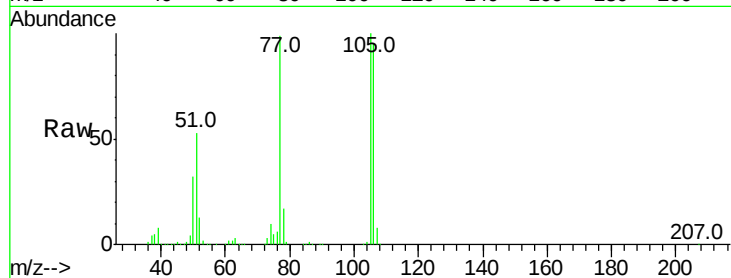
Tot Ion: 77 Resp: 502751

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

106 96.3 74.5 114.5



#10

Phenol

Concen: 38.505 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

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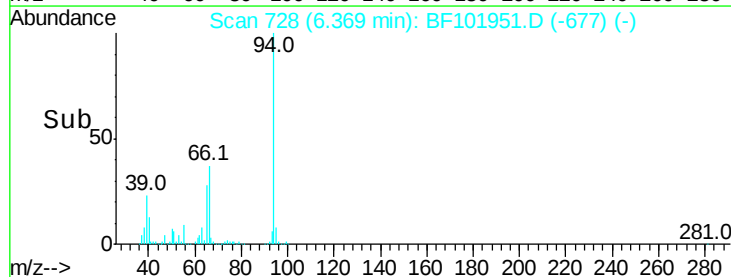
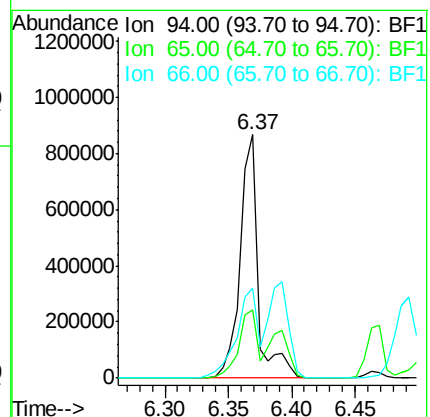
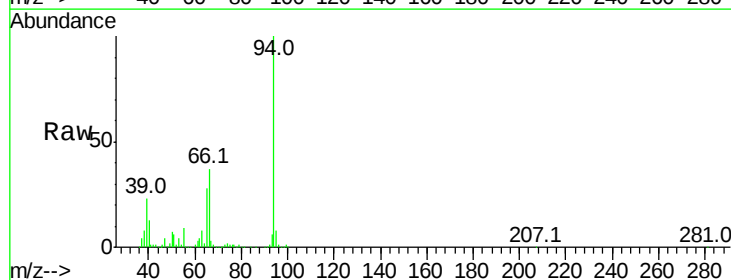
Tgt Ion: 94 Resp: 846090

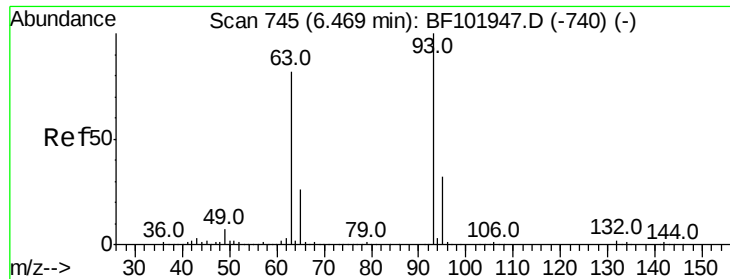
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 36.8 16.2 56.2

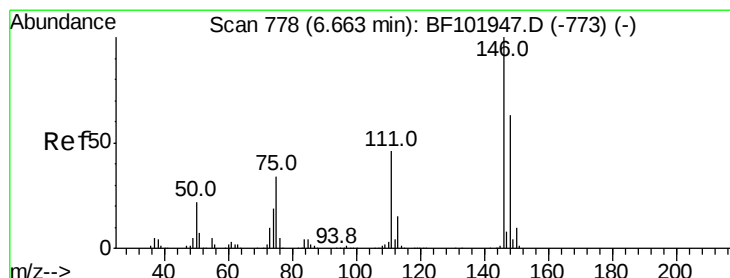
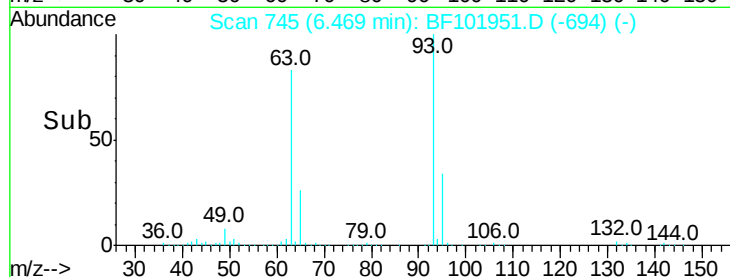
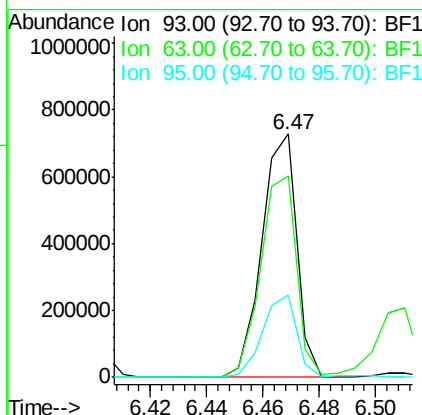
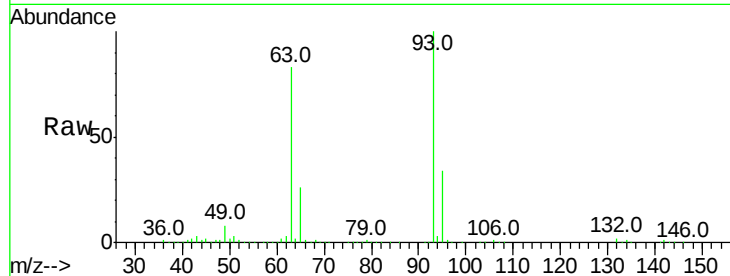




#11
bis(2-Chloroethyl)ether
Concen: 37.226 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

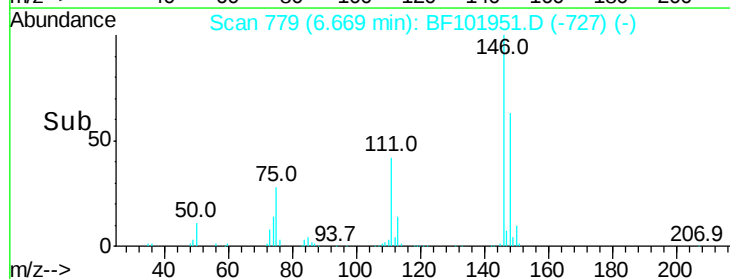
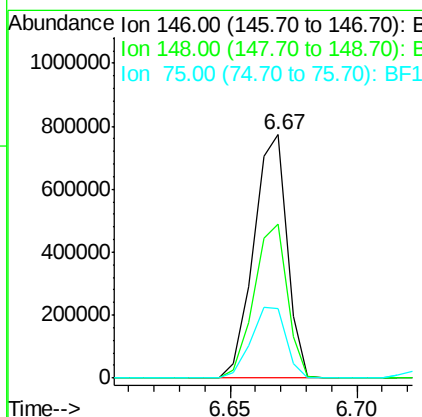
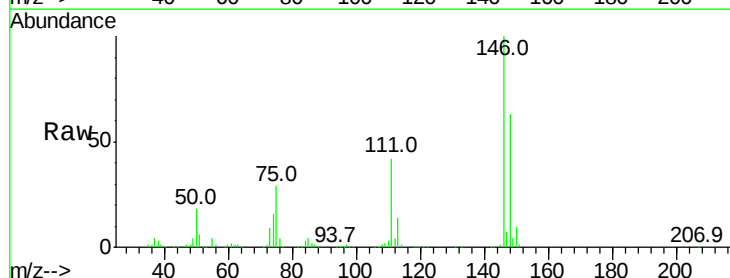
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

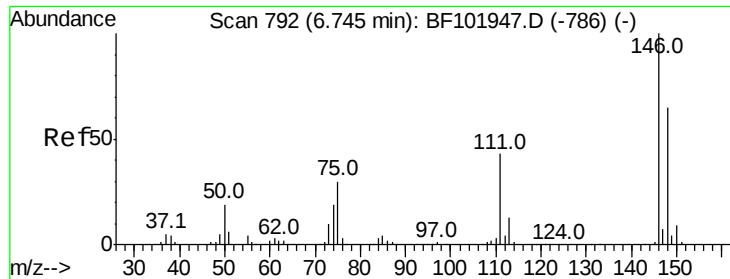
Tot Ion: 93 Resp: 622593
Ion Ratio Lower Upper
93 100
63 82.6 58.6 98.6
95 33.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.800 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion: 146 Resp: 712191
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 28.7 24.2 36.4

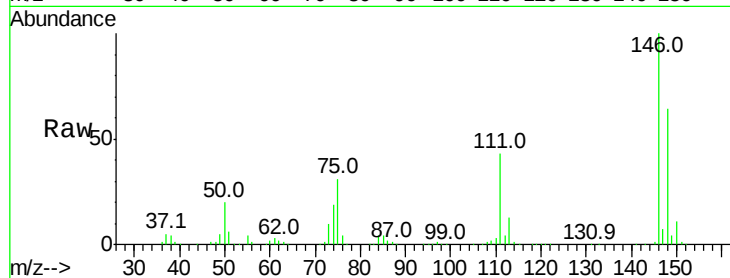




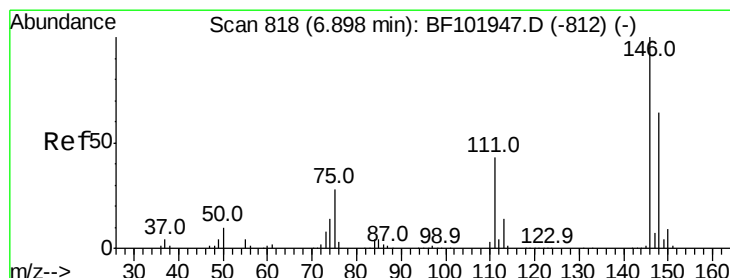
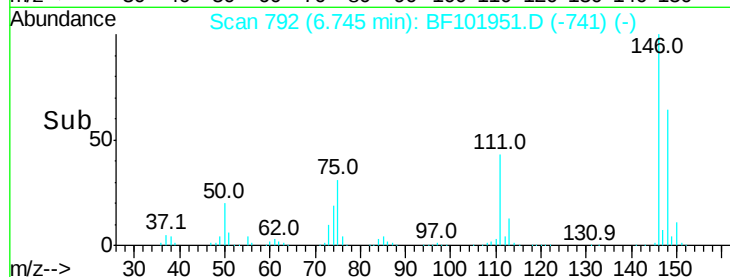
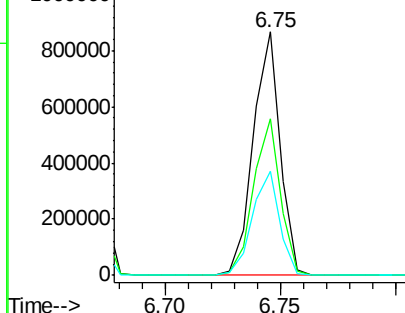
#13
 1,4-Dichlorobenzene
 Concen: 37.563 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

Tot Ion:146 Resp: 706214
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.9 34.2 51.2

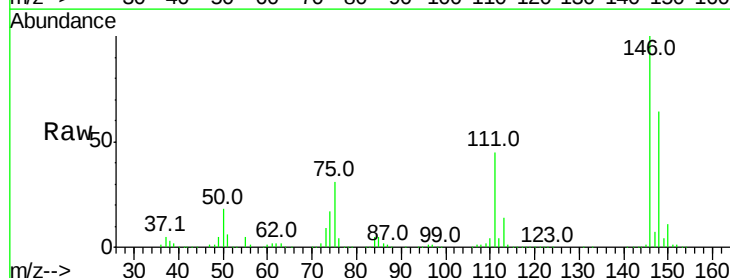


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

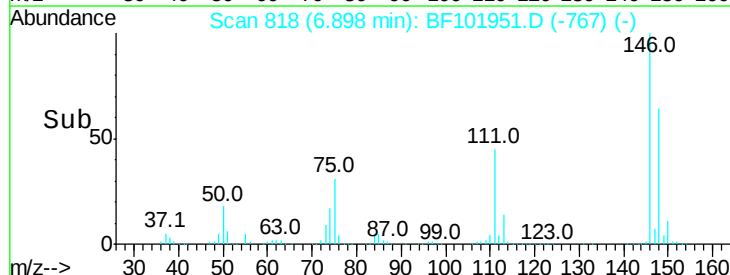
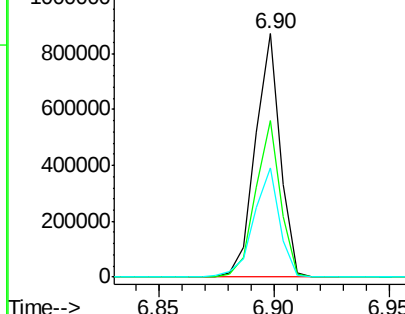


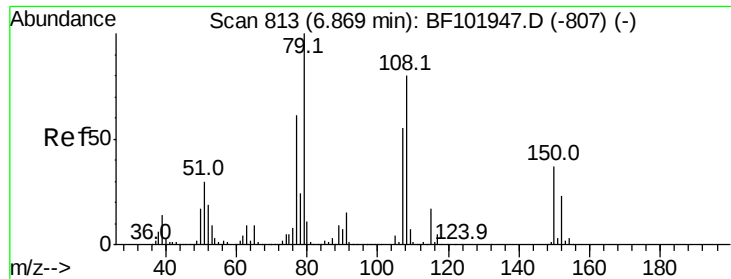
#14
 1,2-Dichlorobenzene
 Concen: 37.803 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:146 Resp: 657826
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 44.7 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.819 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

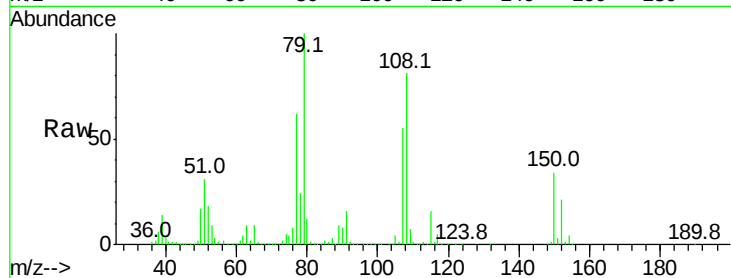
Tot Ion: 79 Resp: 537889

Ion Ratio Lower Upper

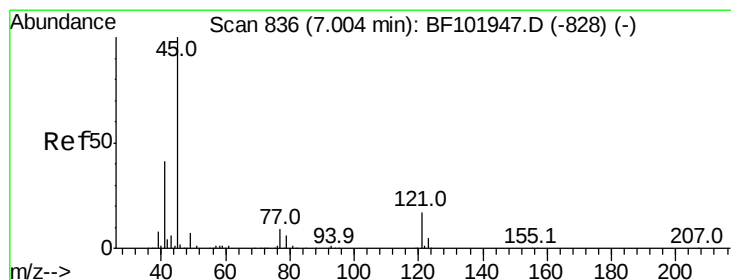
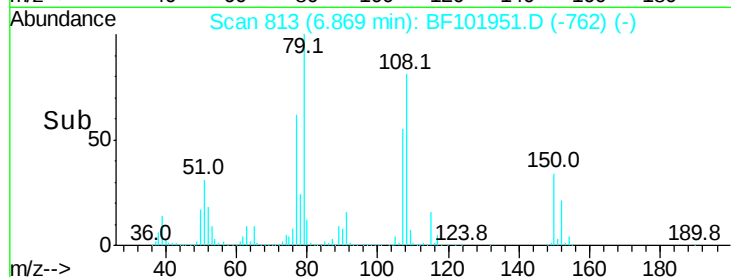
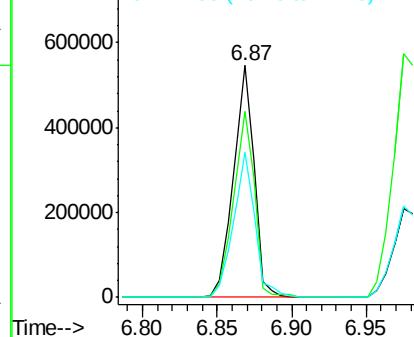
79 100

108 80.5 65.1 97.7

77 62.5 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: 37.582 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

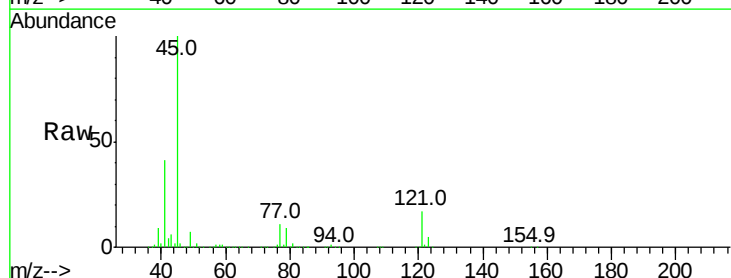
Tgt Ion: 45 Resp: 1158682

Ion Ratio Lower Upper

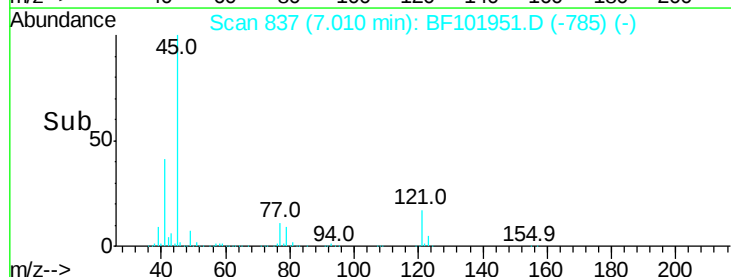
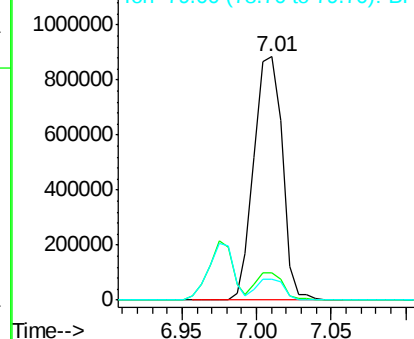
45 100

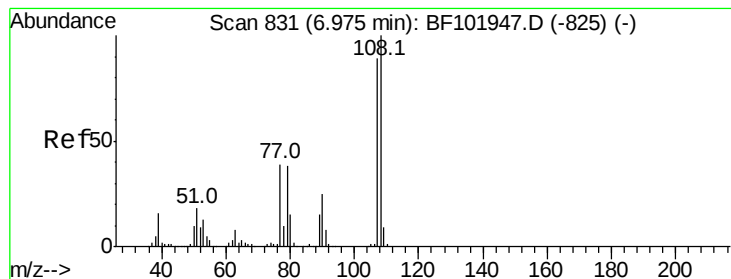
77 11.2 0.0 32.9

79 8.5 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: 37.400 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

Tot Ion:107 Resp: 551440

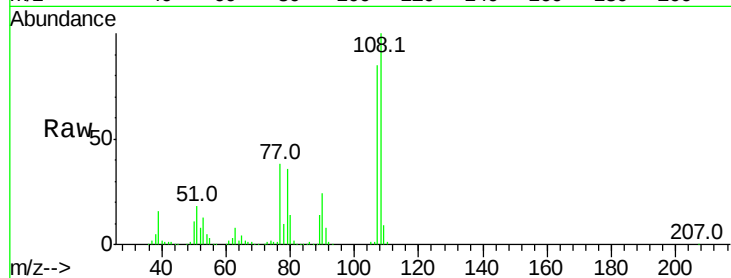
Ion Ratio Lower Upper

107 100

108 117.2 91.7 137.5

77 44.0 33.8 50.8

79 42.4 33.8 50.8

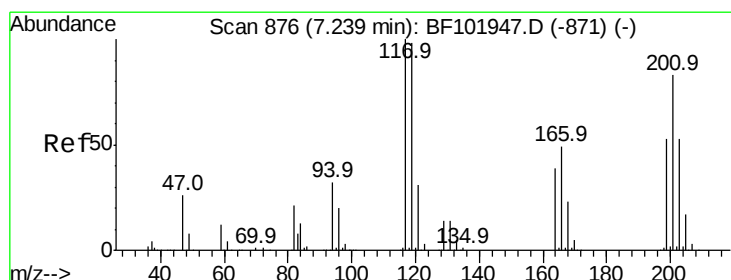
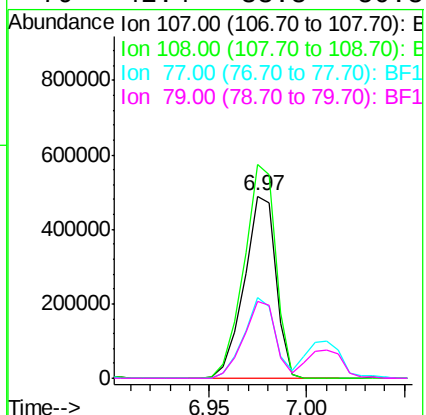
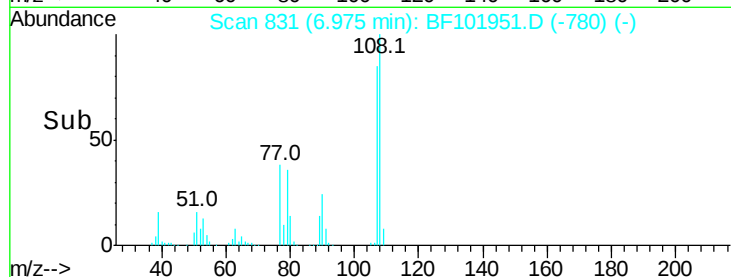


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.795 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

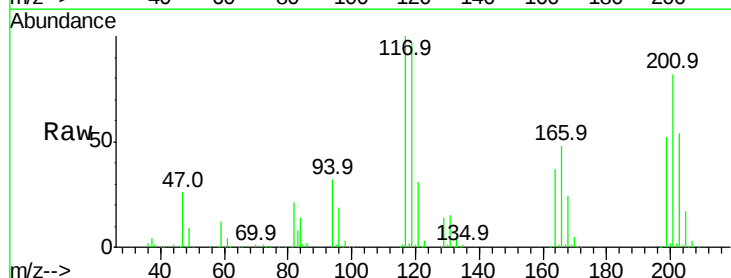
Tgt Ion:117 Resp: 256846

Ion Ratio Lower Upper

117 100

119 97.1 75.8 113.8

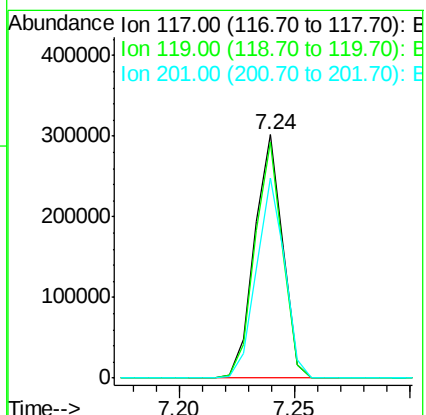
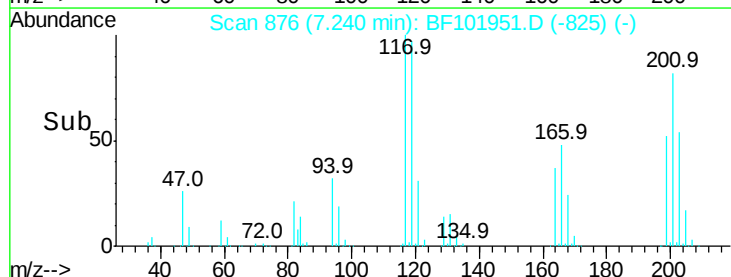
201 82.1 75.7 113.5

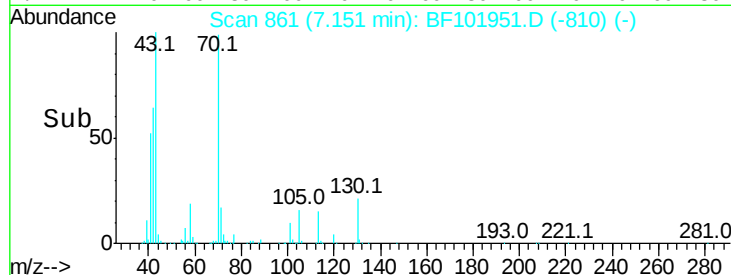
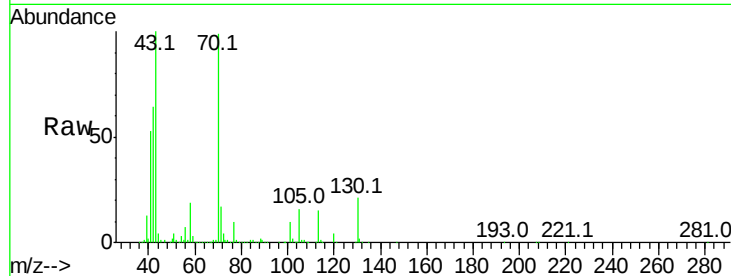
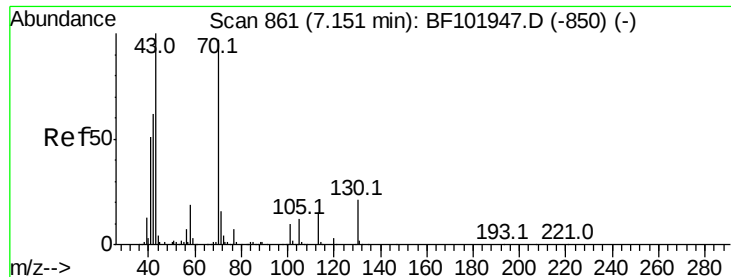


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

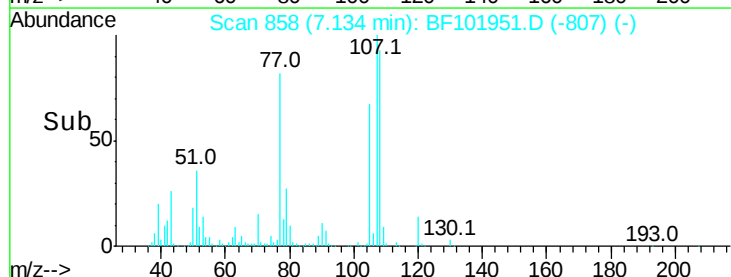
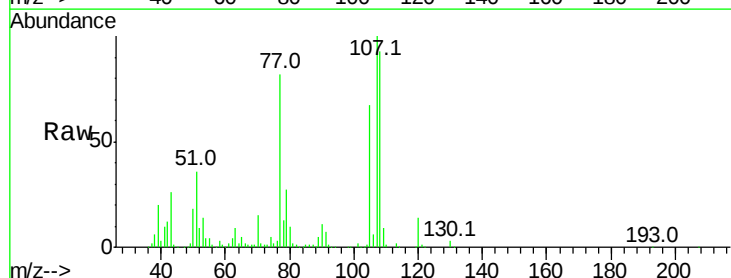
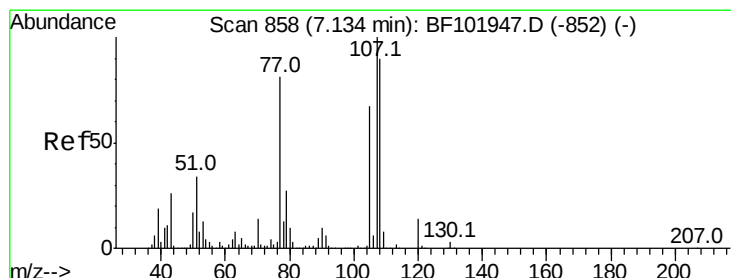
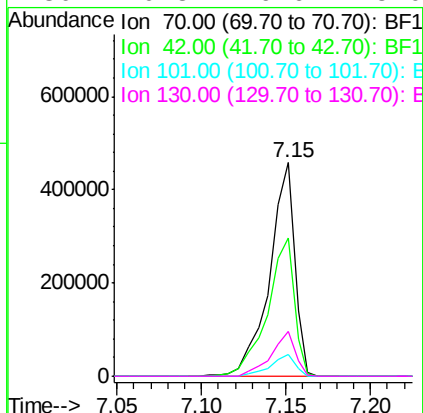




#19
n-Nitroso-di-n-propylamine
Concen: 37.172 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

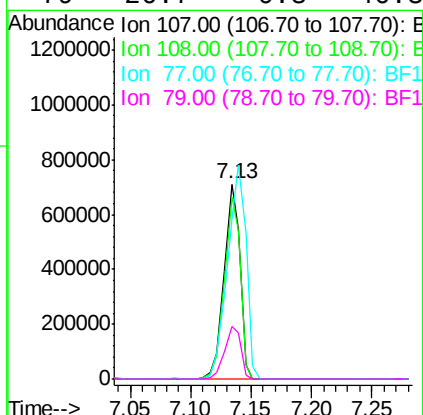
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

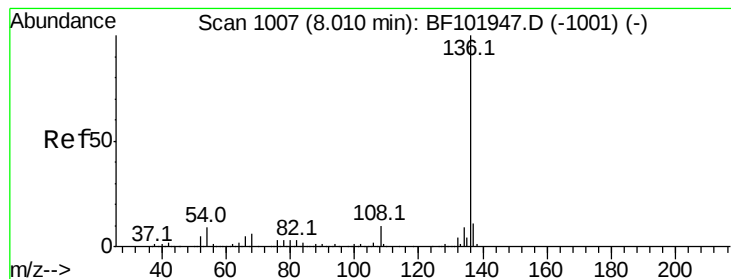
Tot Ion:	70	Resp:	473639
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	10.3	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.577 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:	107	Resp:	647536
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	82.0	26.7	66.7#
79	26.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

Tot Ion:136 Resp: 944022

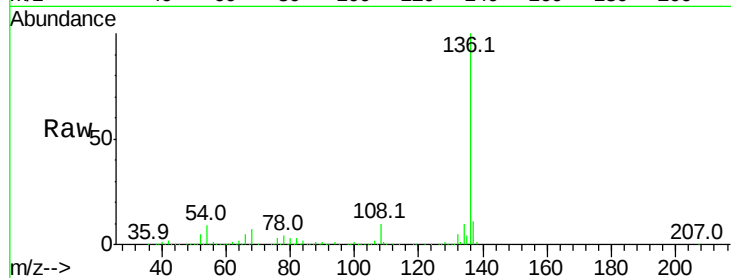
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

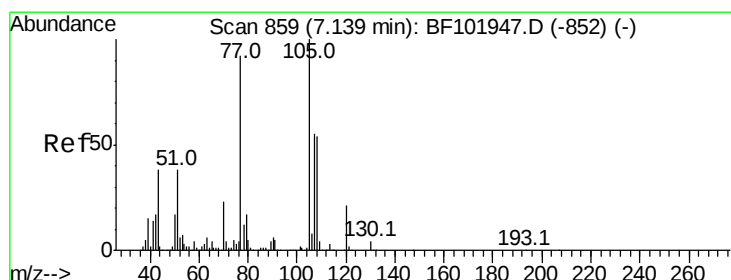
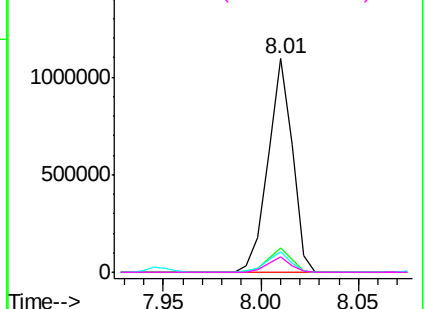
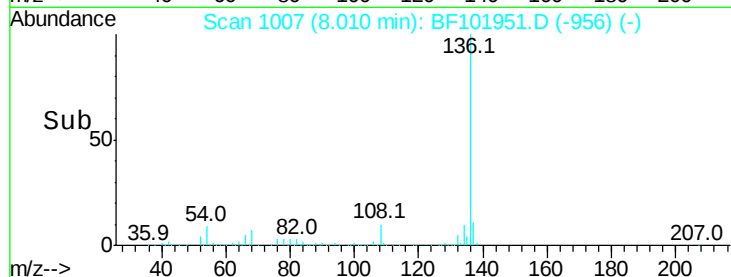


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.834 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Tgt Ion:105 Resp: 860554

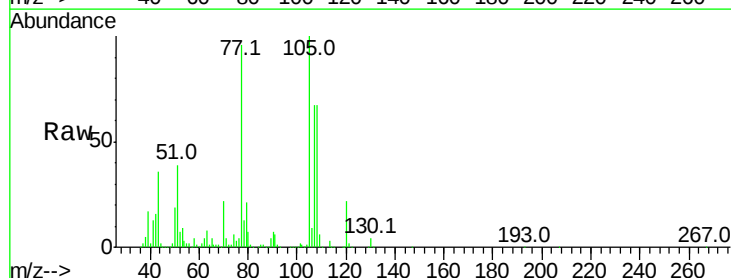
Ion Ratio Lower Upper

105 100

71 3.7 4.4 6.6#

51 39.0 22.3 33.5#

120 21.7 16.9 25.3

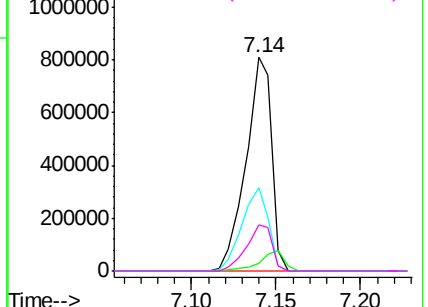
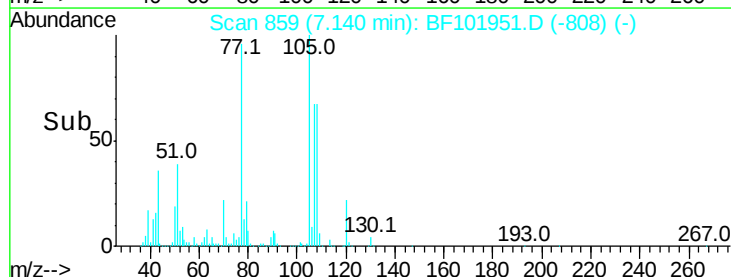


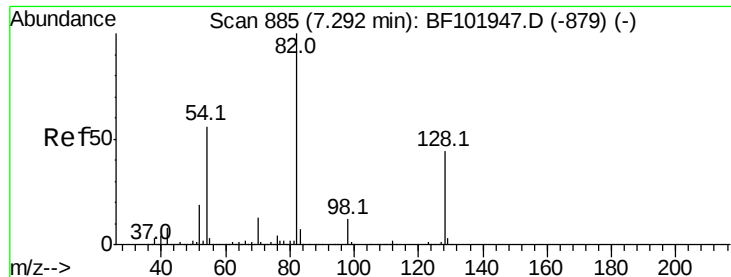
Abundance Ion 105.00 (104.70 to 105.70): E

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

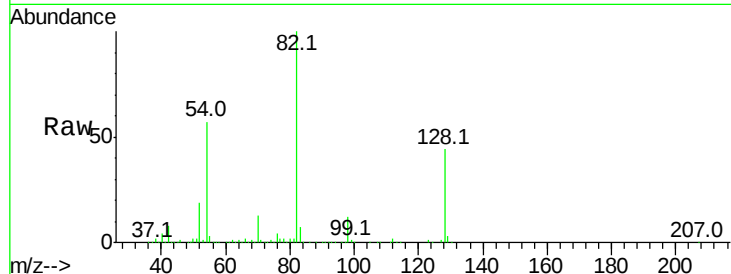




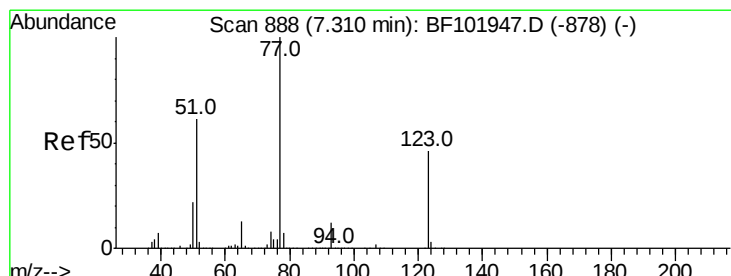
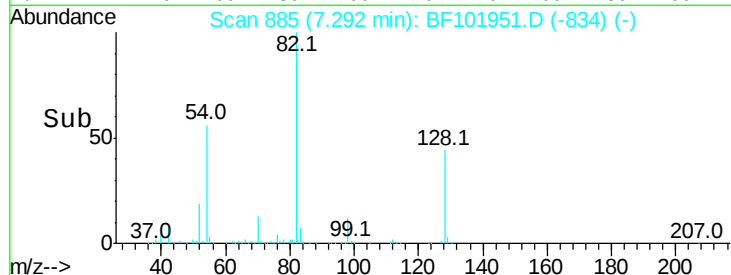
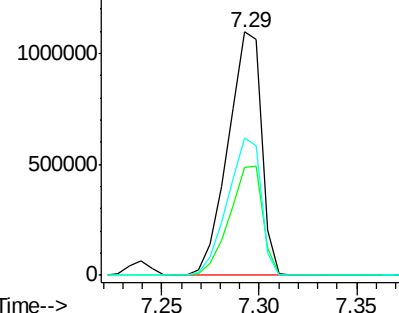
#23
Nitrobenzene-d5
Concen: 81.043 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Instrument :
BNA_F
ClientSampled :
ICVBF010918

Tot Ion: 82 Resp: 1301923
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 56.5 41.4 62.2

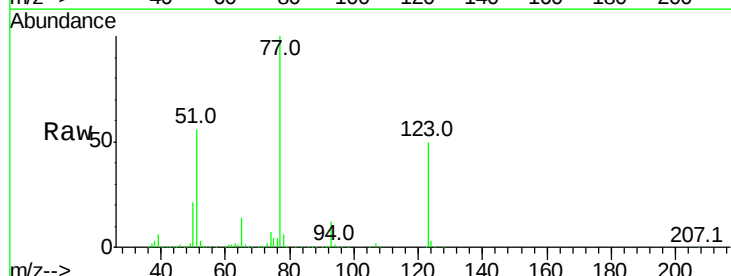


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

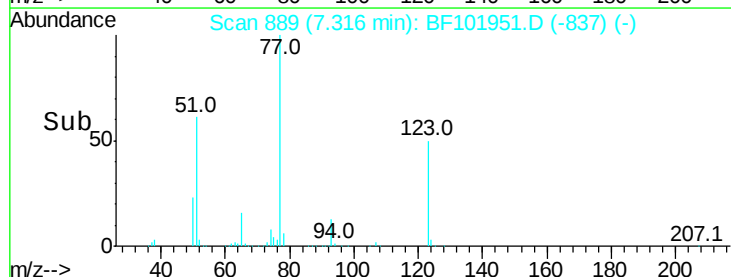
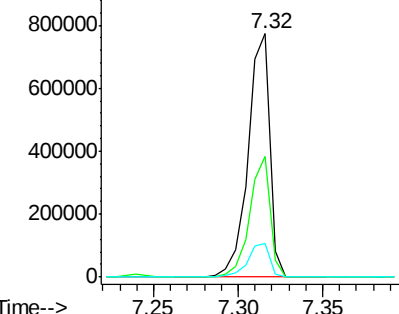


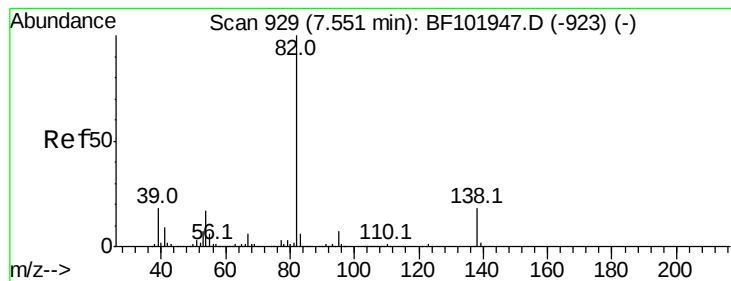
#24
Nitrobenzene
Concen: 39.975 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion: 77 Resp: 690056
Ion Ratio Lower Upper
77 100
123 49.7 37.9 56.9
65 13.8 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: 38.079 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

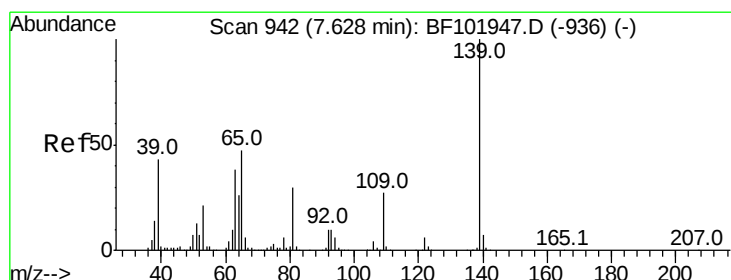
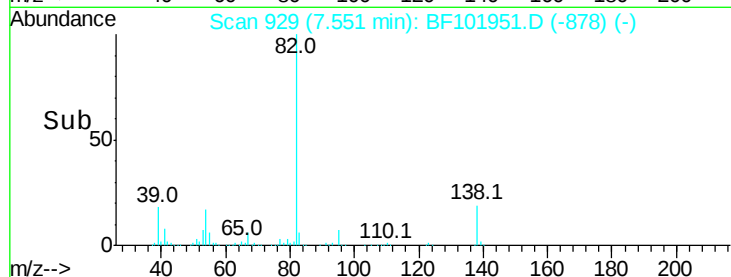
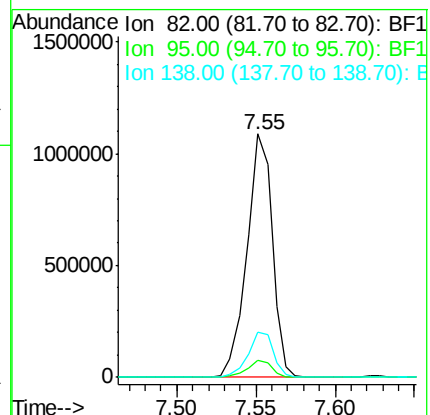
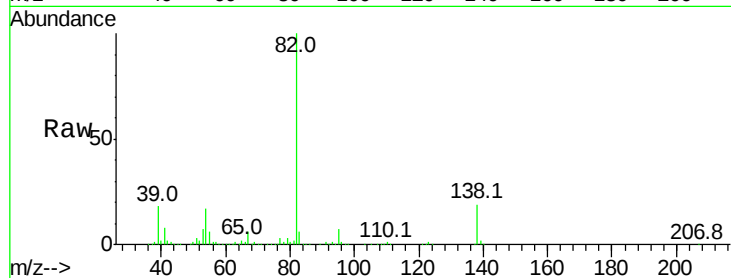
Tot Ion: 82 Resp: 1208701

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 43.562 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

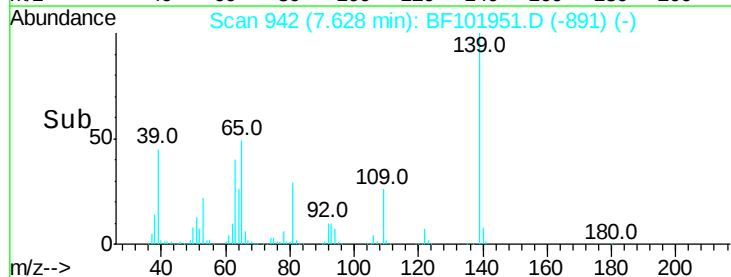
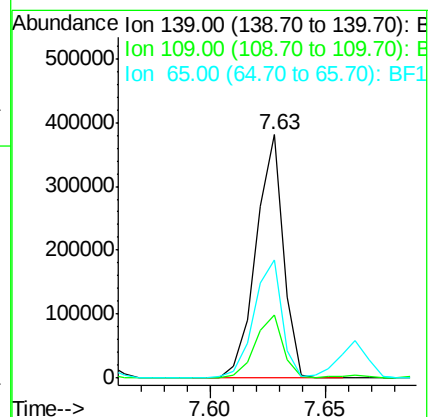
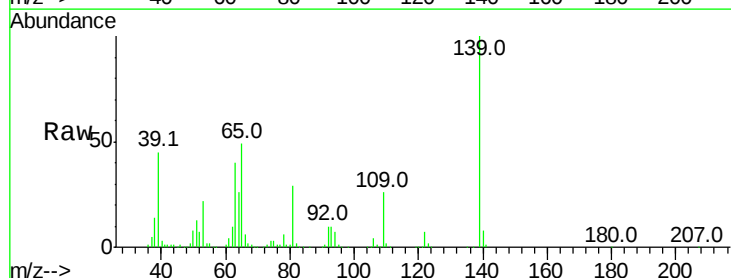
Tgt Ion: 139 Resp: 314737

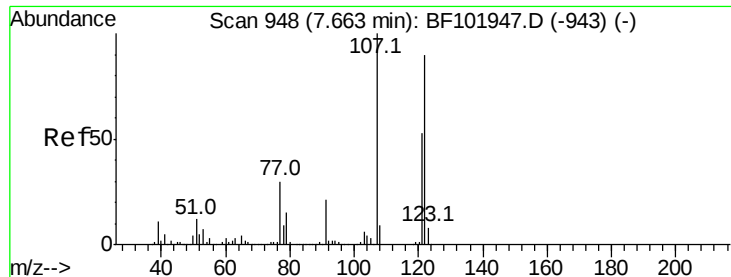
Ion Ratio Lower Upper

139 100

109 25.9 22.7 34.1

65 48.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.960 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

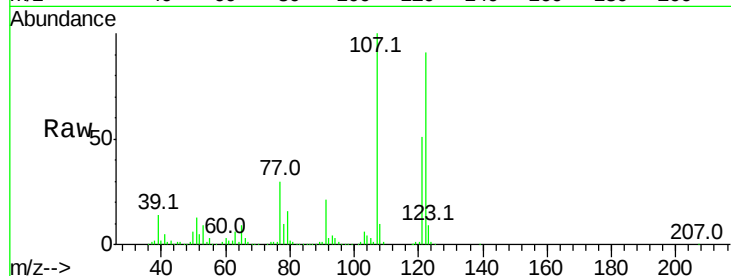
Tot Ion:122 Resp: 525703

Ion Ratio Lower Upper

122 100

107 109.6 91.2 136.8

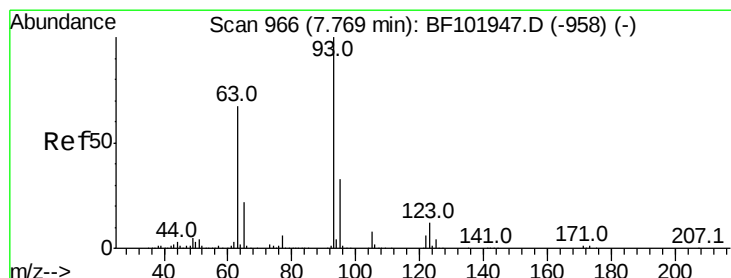
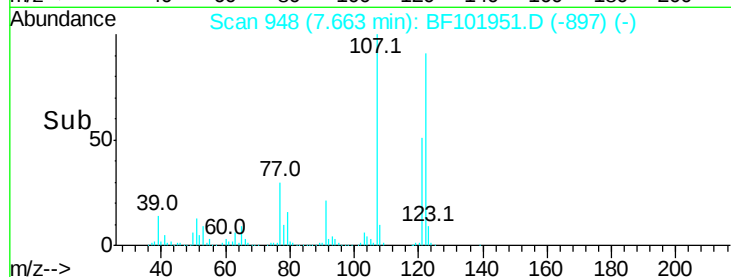
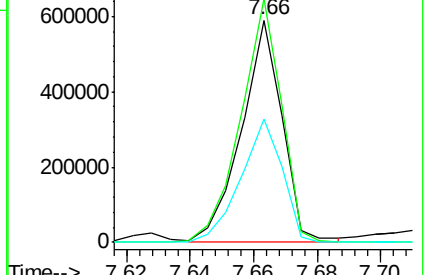
121 55.7 47.2 70.8



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: 38.184 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

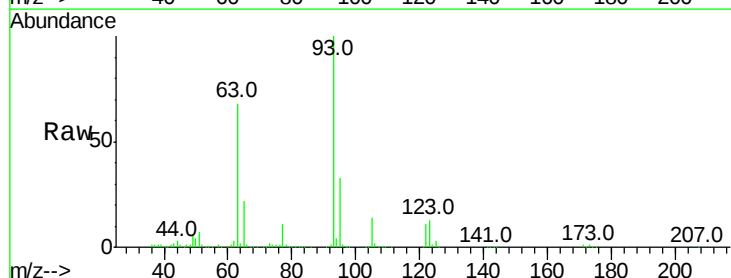
Tgt Ion: 93 Resp: 731838

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

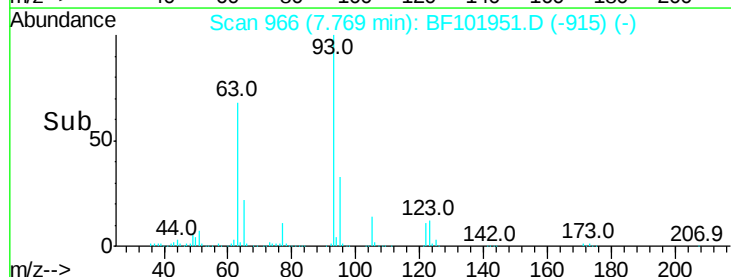
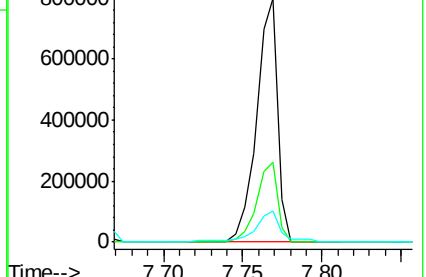
123 12.6 9.8 14.6

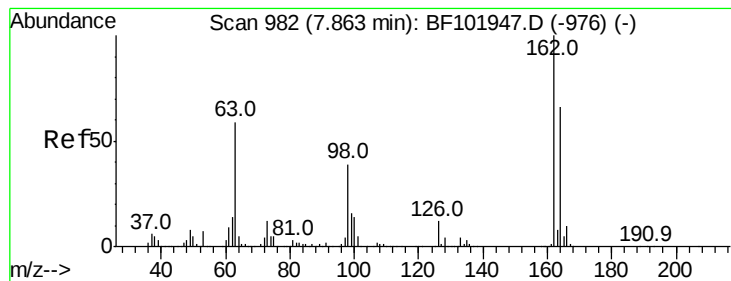


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.041 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

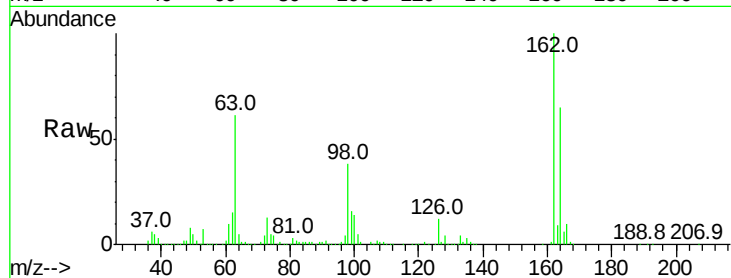
Tot Ion:162 Resp: 500212

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

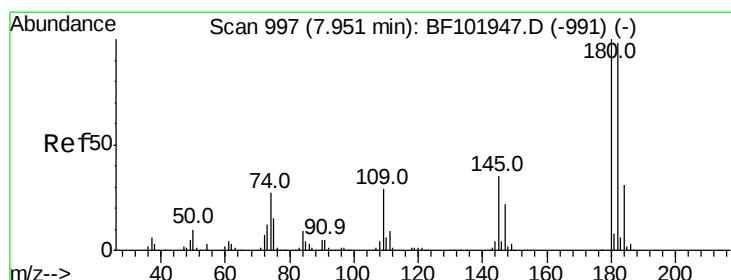
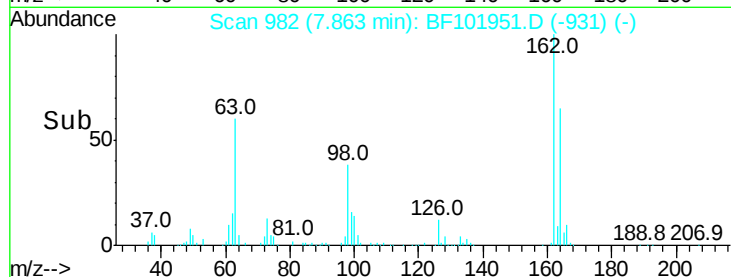
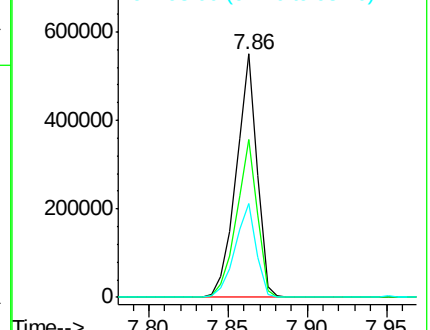
98 38.3 18.1 58.1



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: 38.981 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

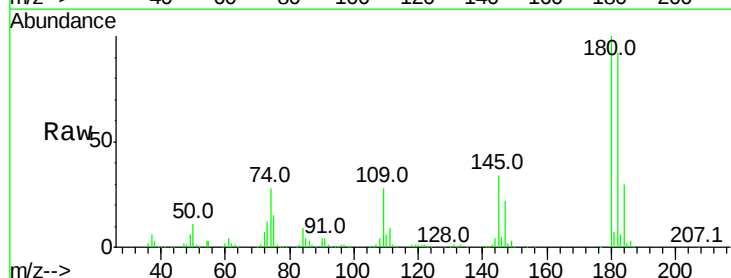
Tgt Ion:180 Resp: 522412

Ion Ratio Lower Upper

180 100

182 92.3 76.8 115.2

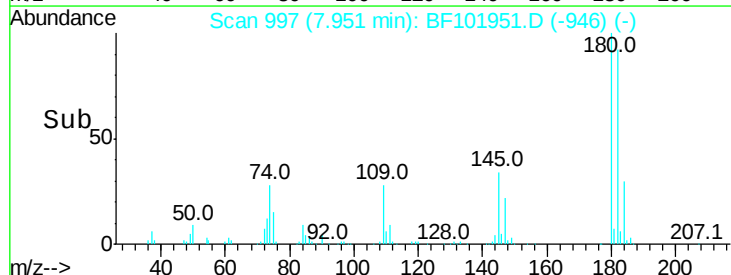
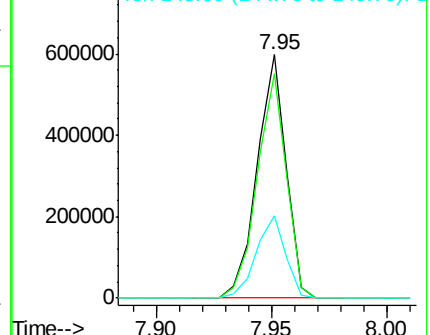
145 34.0 26.5 39.7

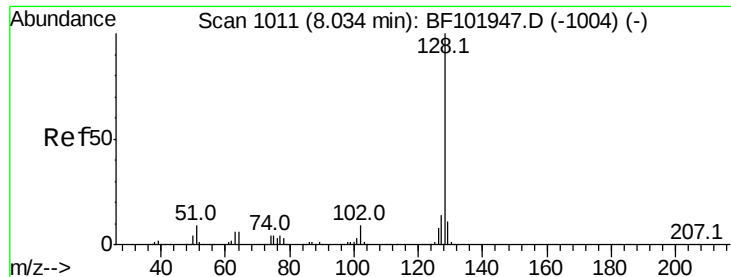


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

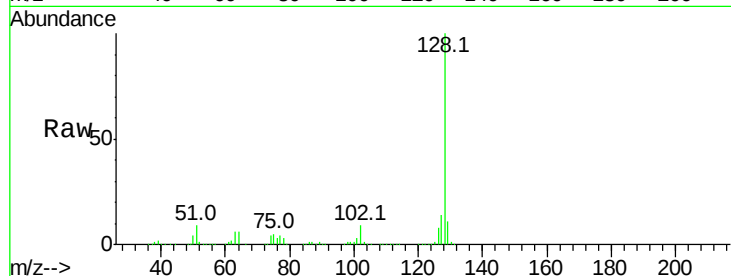




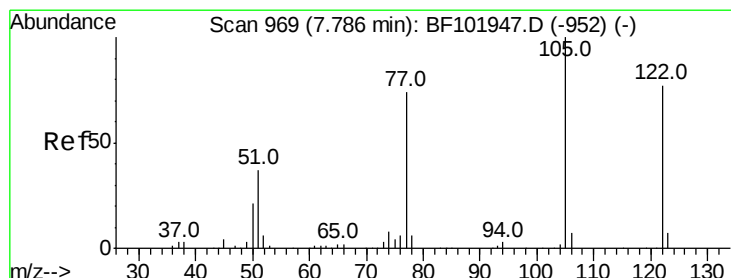
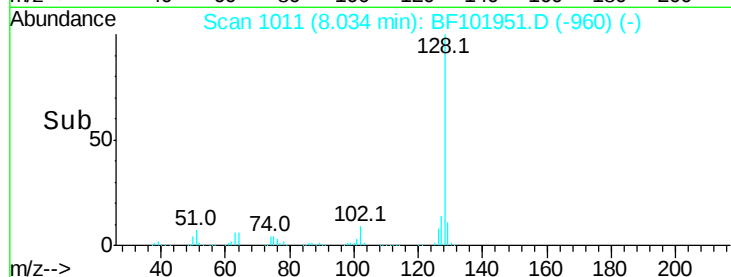
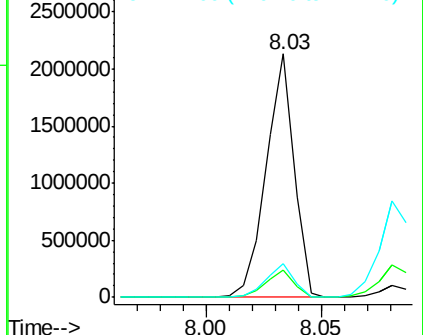
#31
Naphthalene
Concen: 38.098 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF010918

Tot Ion:128 Resp: 1797132
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

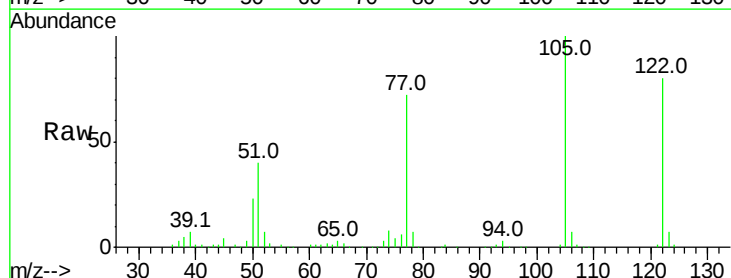


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

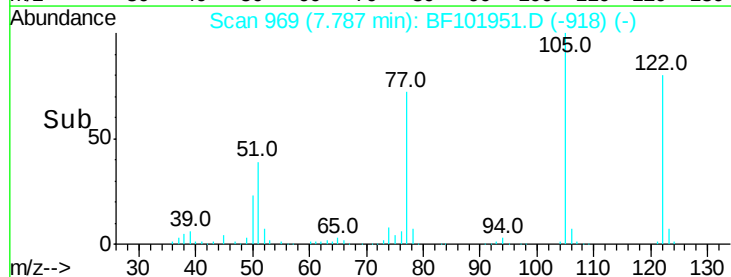
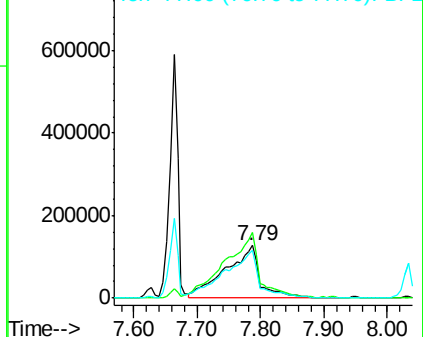


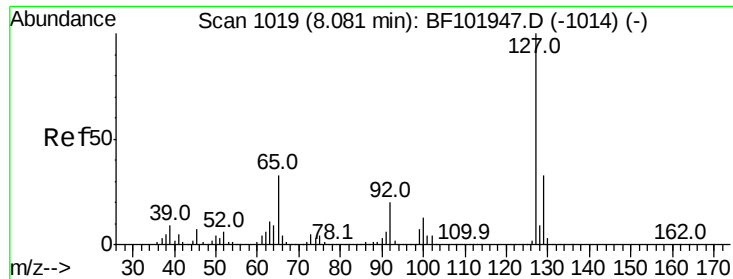
#32
Benzoic acid
Concen: 46.511 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:122 Resp: 475905
Ion Ratio Lower Upper
122 100
105 125.5 101.1 141.1
77 90.6 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

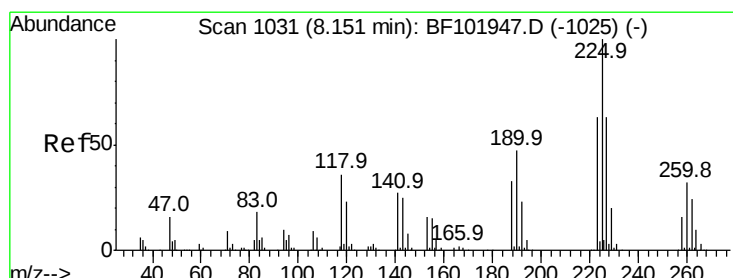
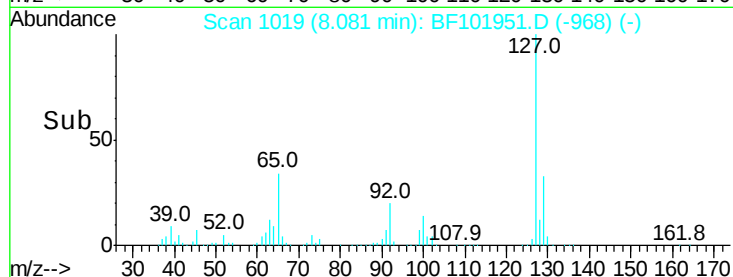
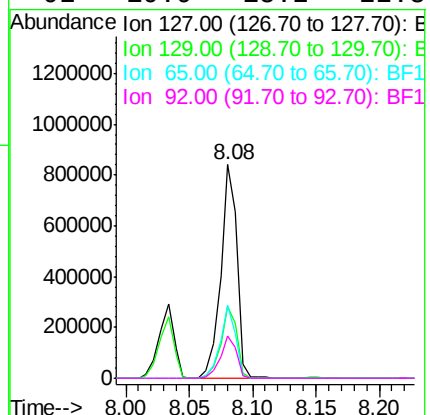
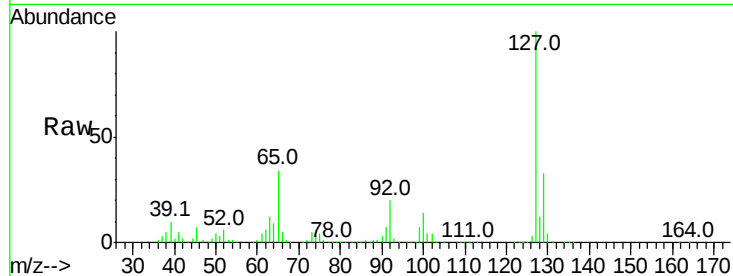




#33
4-Chloroaniline
Concen: 37.587 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

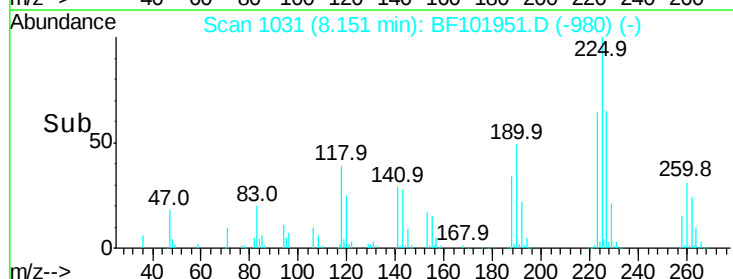
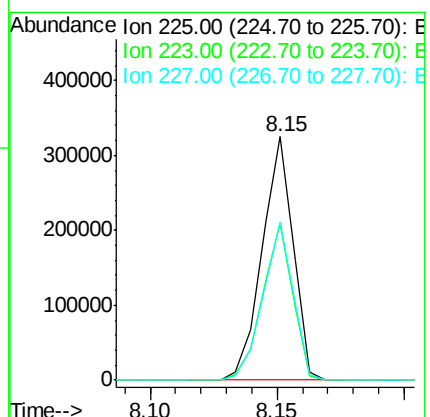
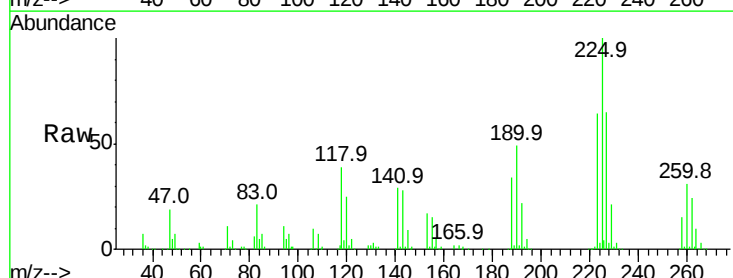
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

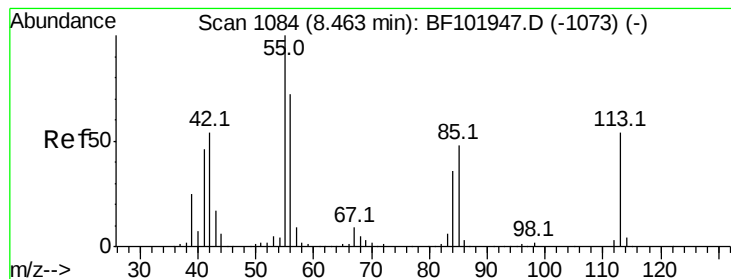
Tot Ion:	127	Resp:	756755
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	34.1	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.063 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:	225	Resp:	277110
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 38.824 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

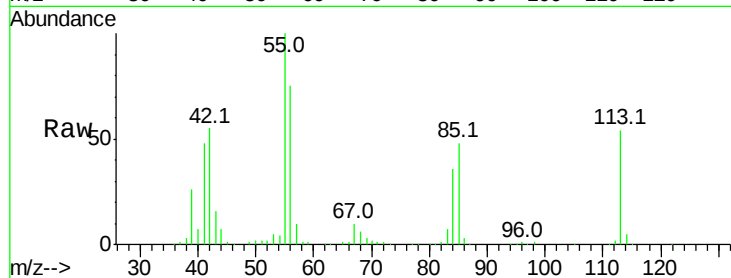
Tot Ion:113 Resp: 170768

Ion Ratio Lower Upper

113 100

55 186.5 163.3 203.3

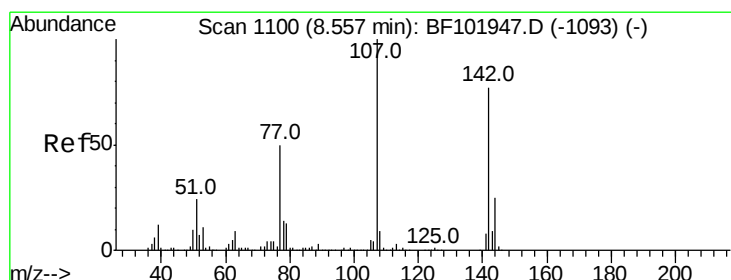
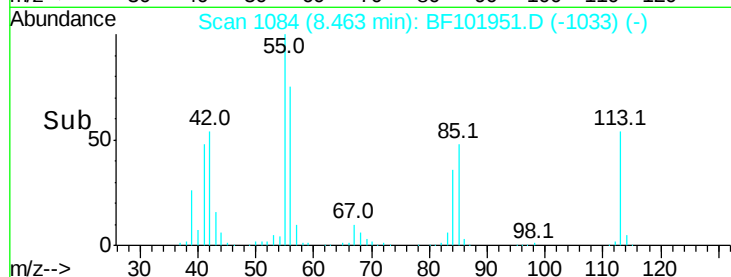
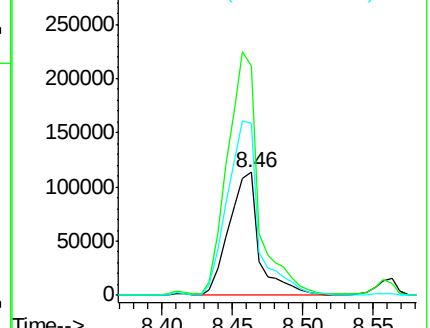
56 139.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.131 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

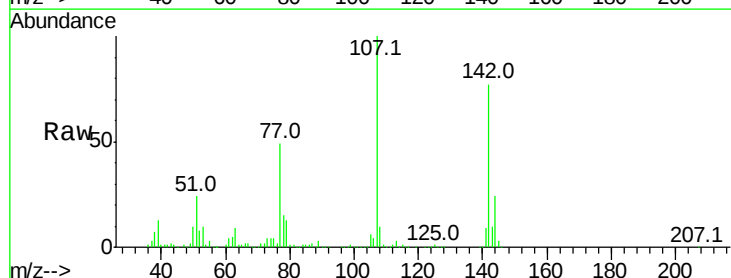
Tgt Ion:107 Resp: 534781

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

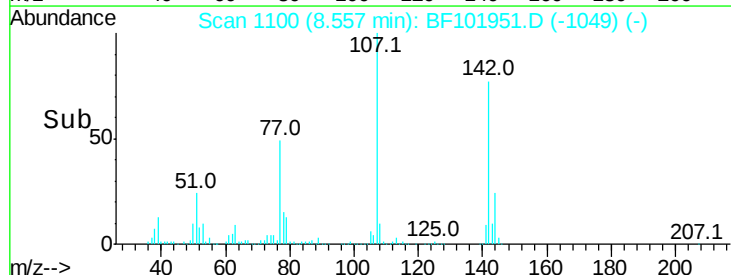
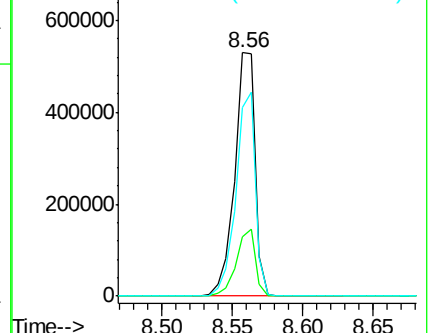
142 77.3 62.0 93.0

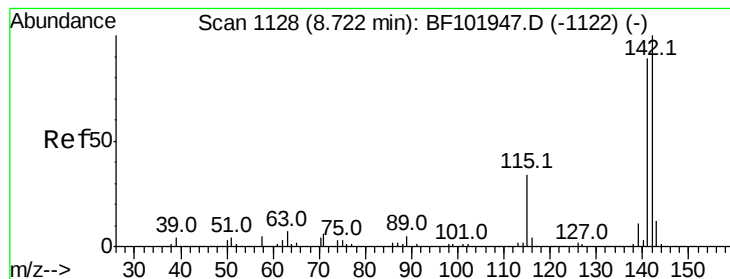


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.800 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

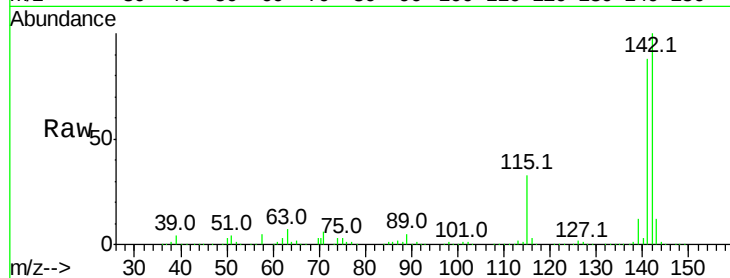
Tot Ion:142 Resp: 1173852

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

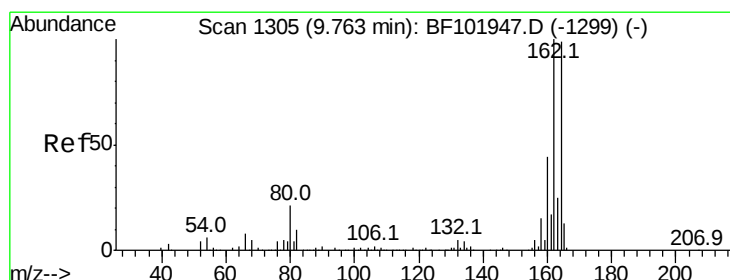
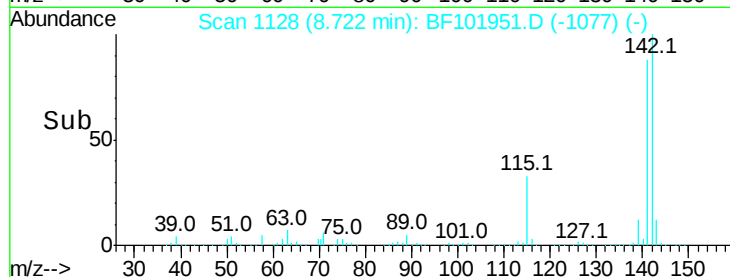
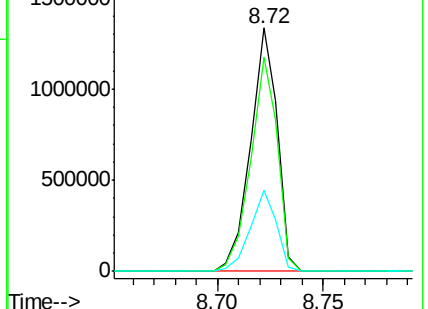
115 33.2 26.1 39.1



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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

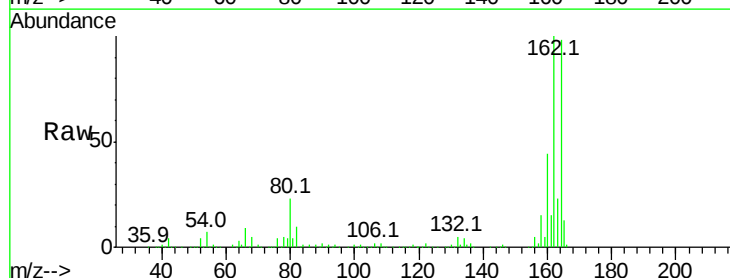
Tgt Ion:164 Resp: 422100

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

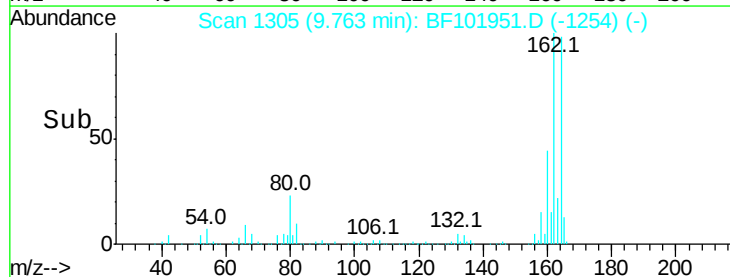
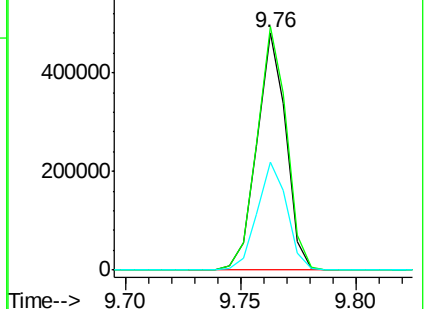
160 45.4 38.3 57.5

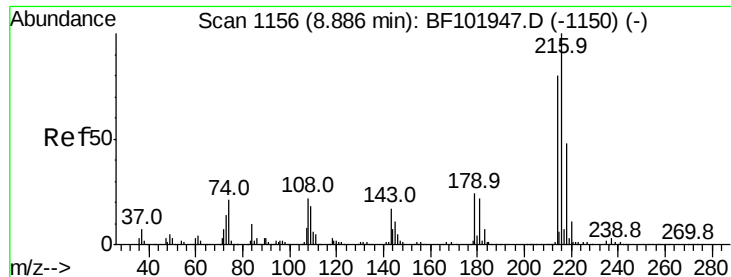


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

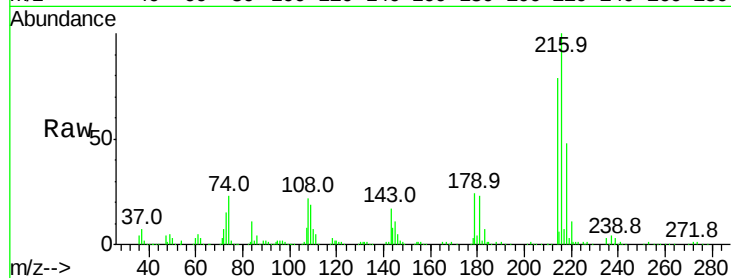




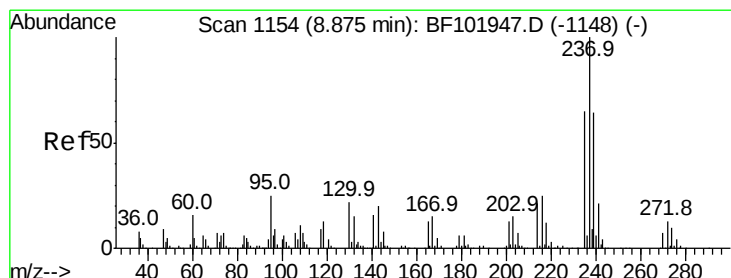
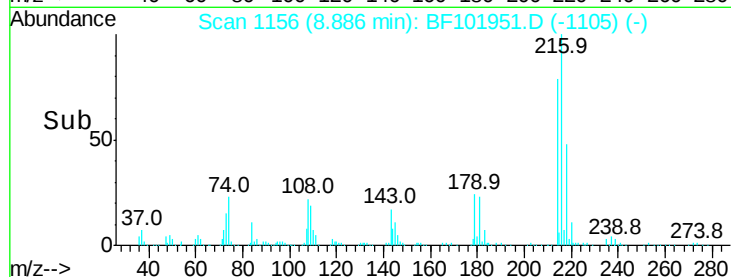
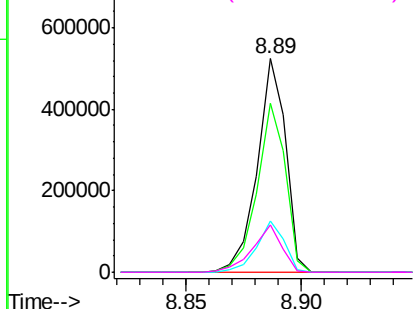
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.793 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

Tot Ion:	216	Resp:	451304
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	23.3	18.1	27.1
108	23.1	17.2	25.8

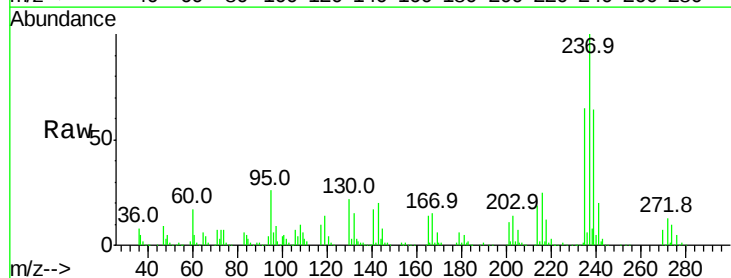


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

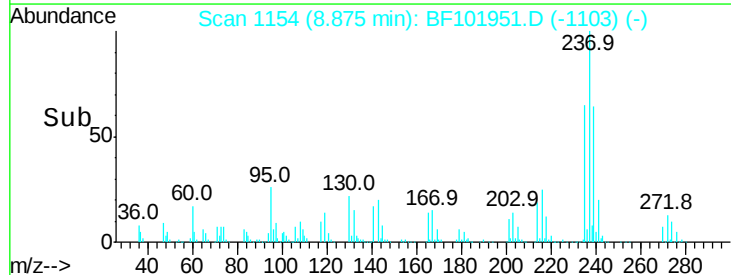
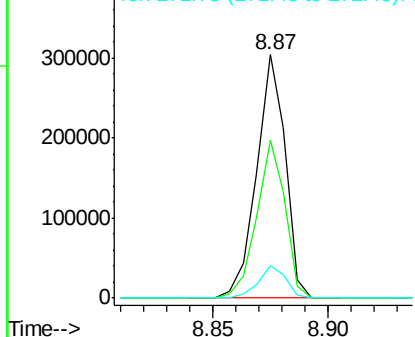


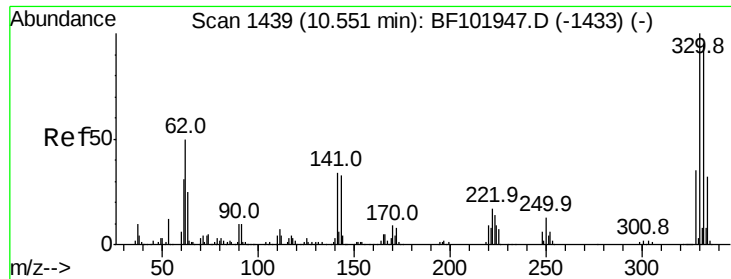
#40
 Hexachlorocyclopentadiene
 Concen: 40.324 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:	237	Resp:	263347
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	13.3	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

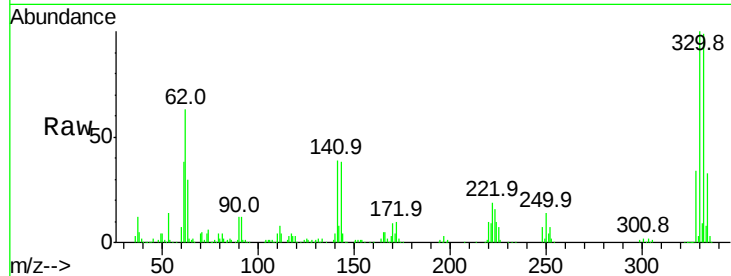




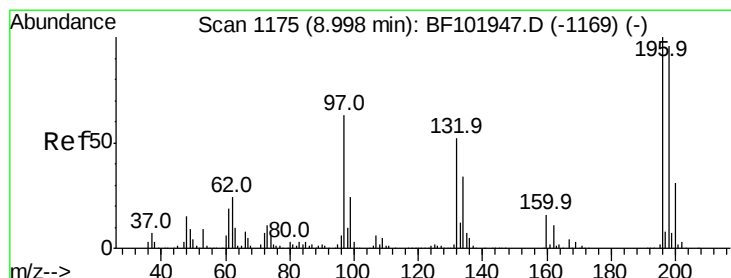
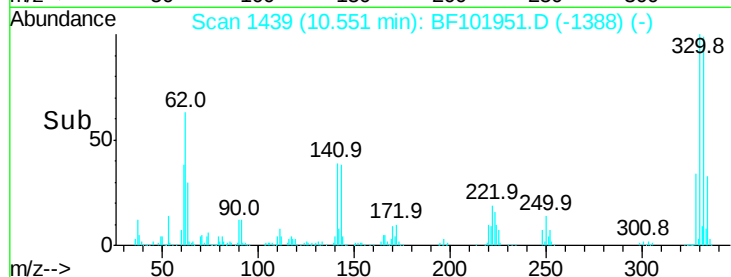
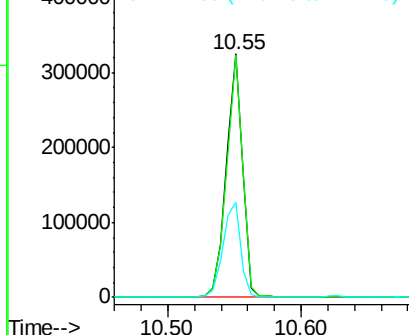
#41
 2,4,6-Tribromophenol
 Concen: 76.895 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

Tot Ion:330 Resp: 283251
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 42.2 29.9 44.9

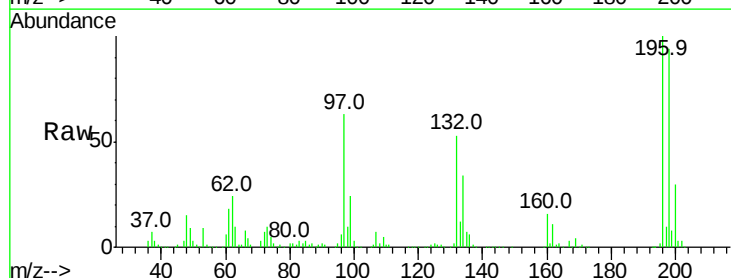


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

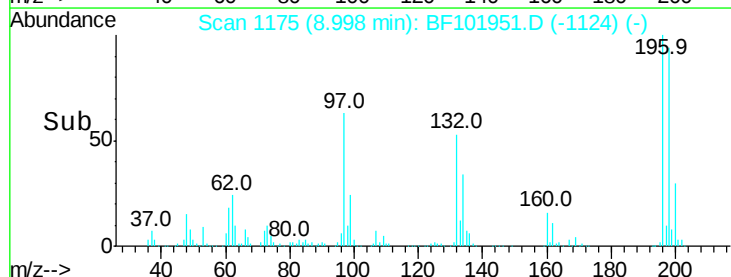
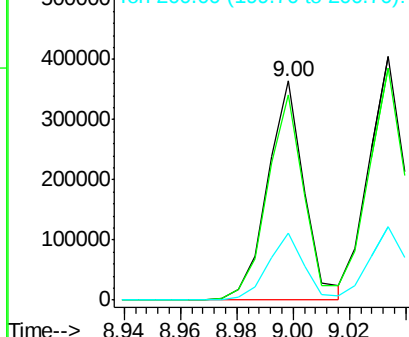


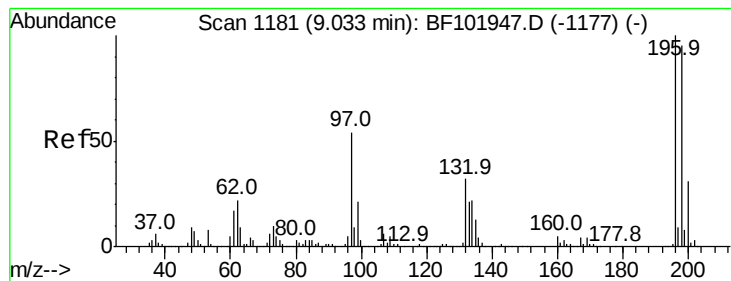
#42
 2,4,6-Trichlorophenol
 Concen: 39.722 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:196 Resp: 326874
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 30.4 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 37.440 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

Tot Ion:196 Resp: 348223

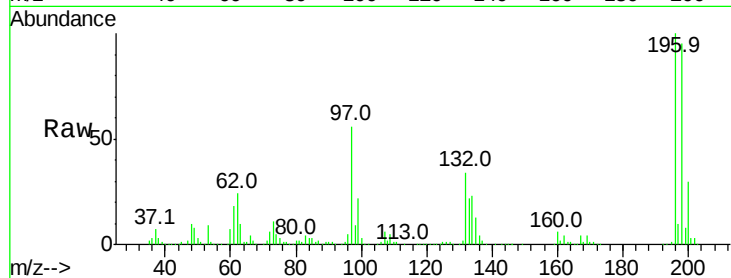
Ion Ratio Lower Upper

196 100

198 95.2 74.6 112.0

97 56.3 42.9 64.3

132 33.9 26.3 39.5

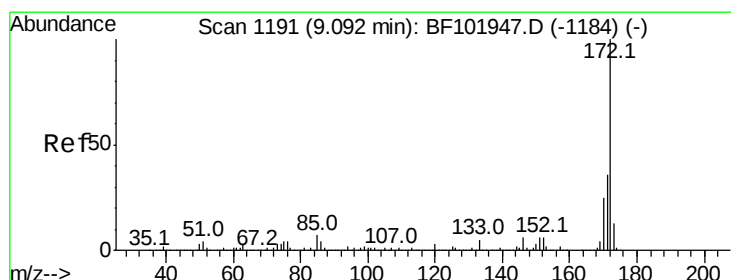
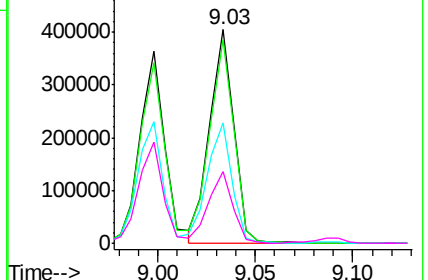
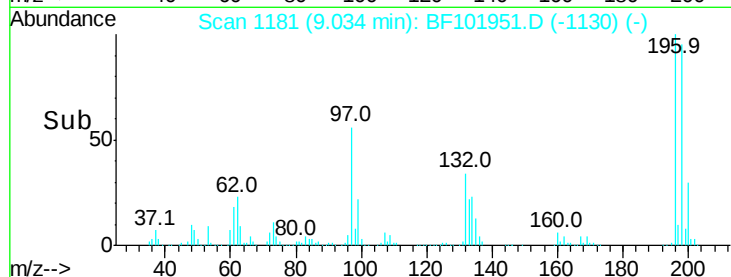


Abundance Ion 196.00 (195.70 to 196.70): E

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: 77.965 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

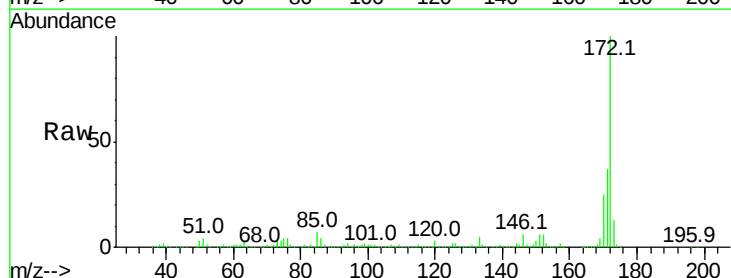
Tgt Ion:172 Resp: 2106479

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

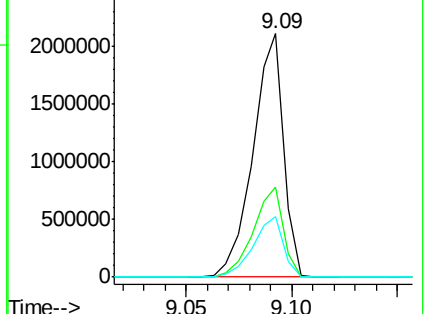
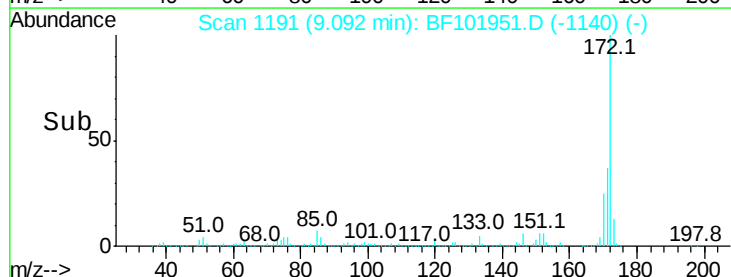
170 25.0 19.6 29.4

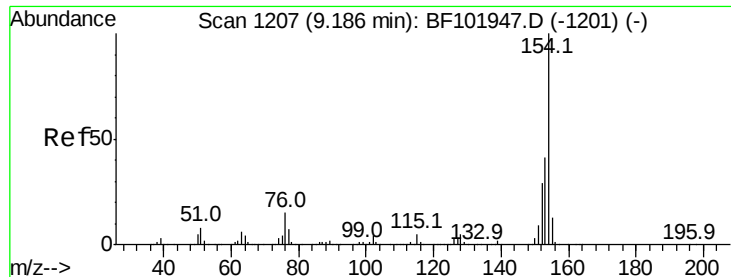


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.983 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

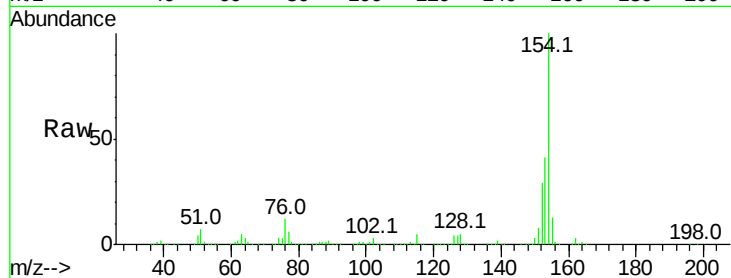
Tot Ion:154 Resp: 1379818

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

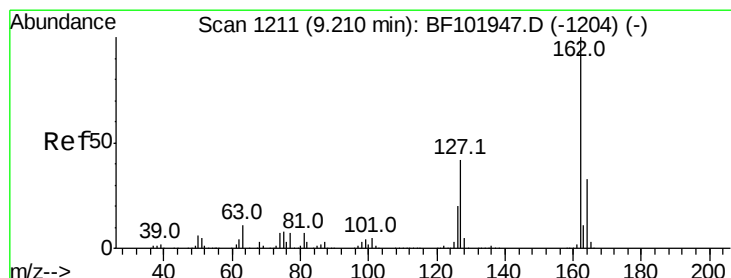
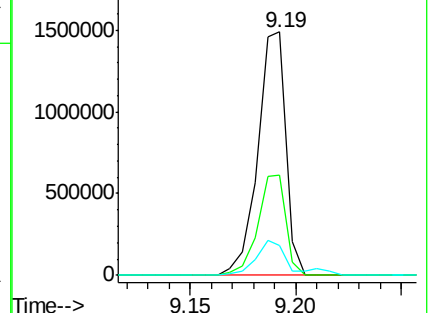
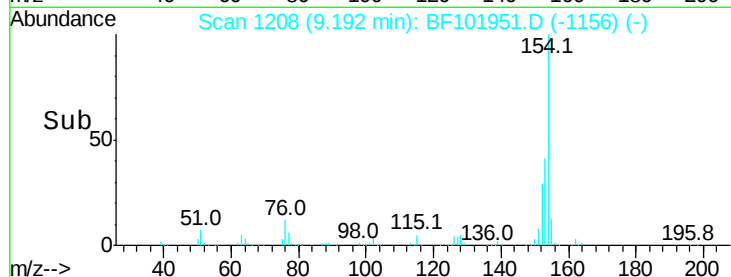
76 12.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.411 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

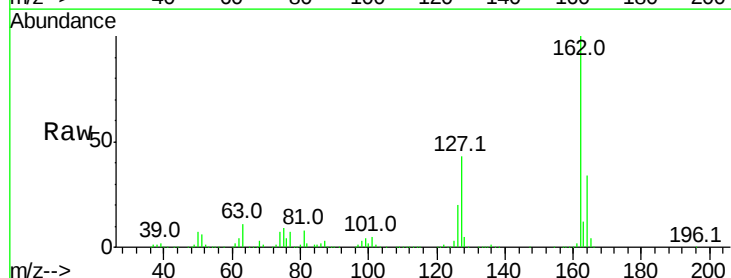
Tgt Ion:162 Resp: 1082365

Ion Ratio Lower Upper

162 100

127 43.4 33.9 50.9

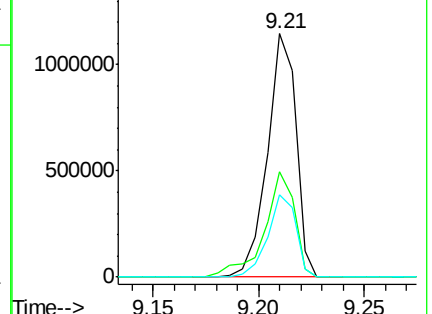
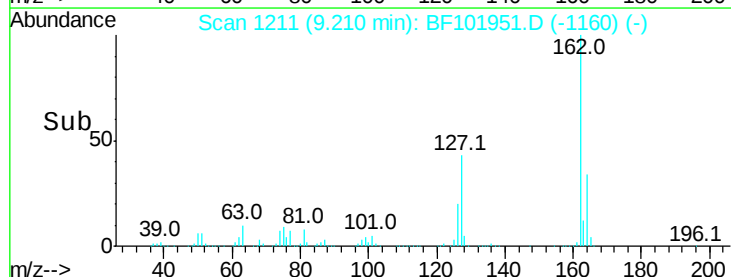
164 34.0 26.5 39.7

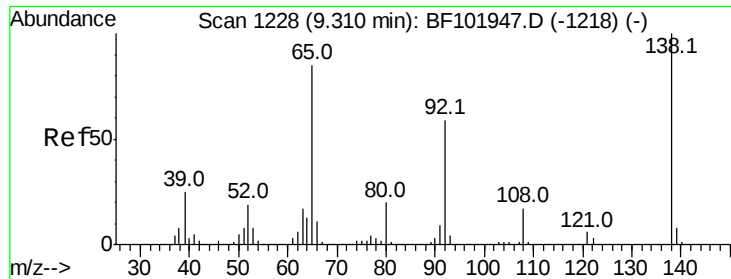


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

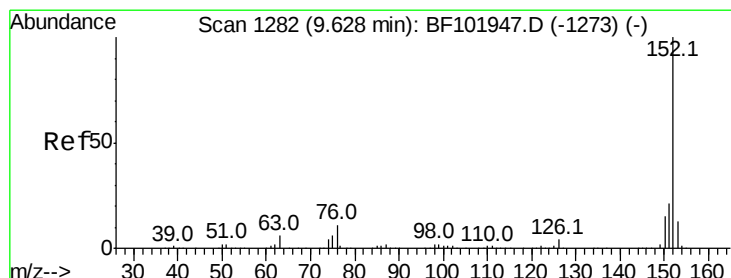
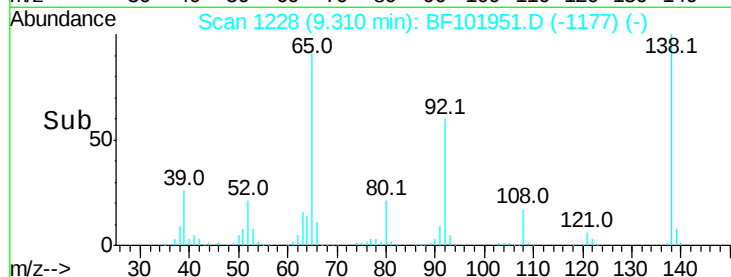
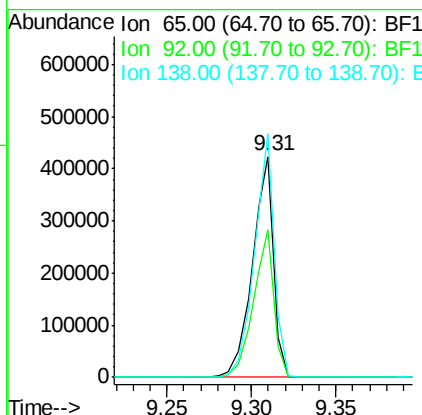
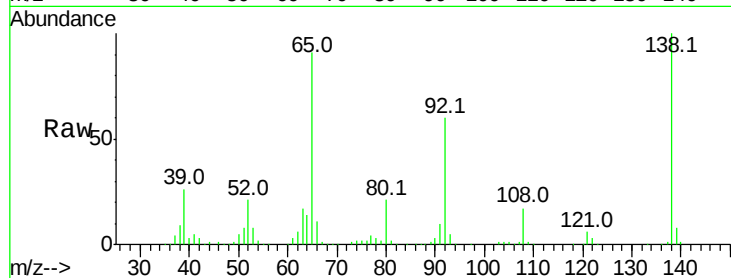




#47
 2-Nitroaniline
 Concen: 42.605 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

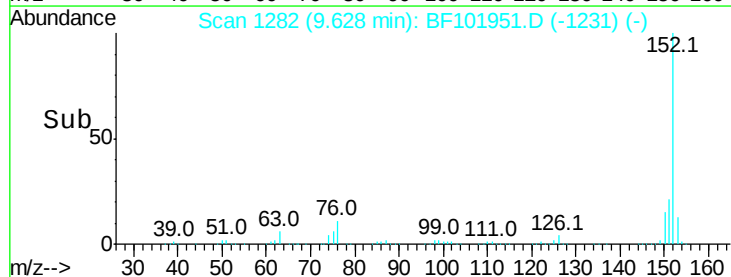
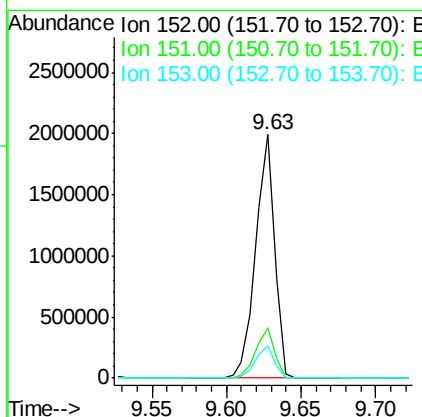
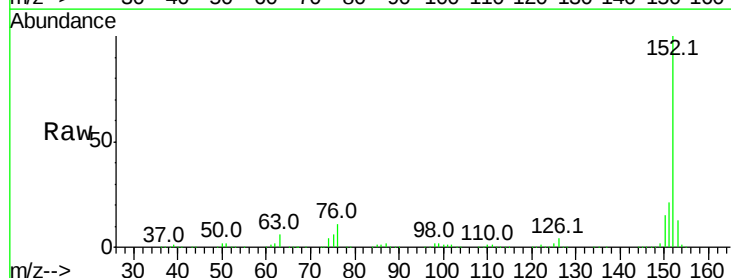
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

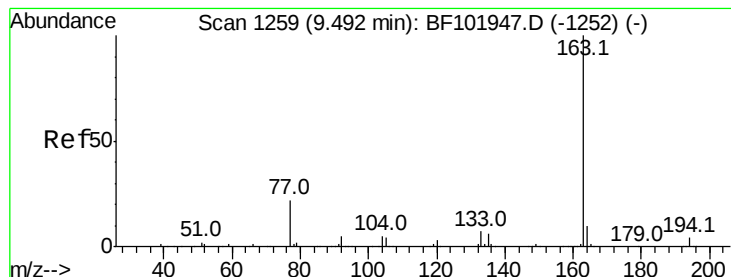
Tot Ion: 65 Resp: 369236
 Ion Ratio Lower Upper
 65 100
 92 66.6 55.8 83.6
 138 110.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.748 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion: 152 Resp: 1733187
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 37.345 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

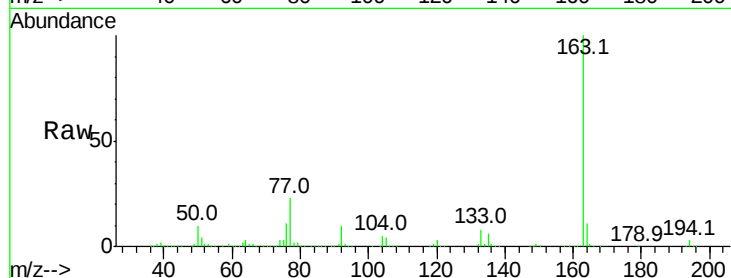
Tot Ion:163 Resp: 1264534

Ion Ratio Lower Upper

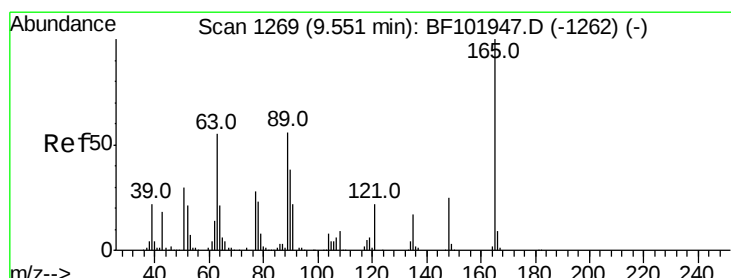
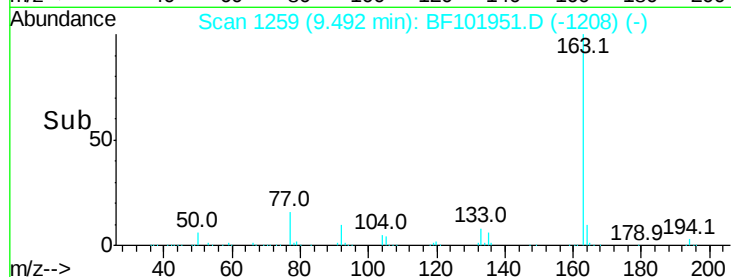
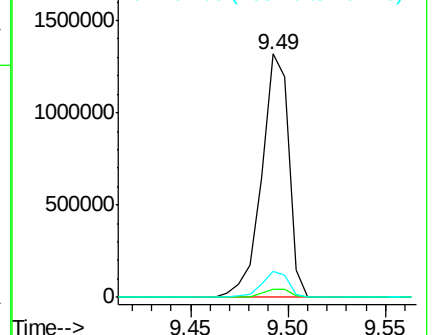
163 100

194 3.3 2.7 4.1

164 10.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.237 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

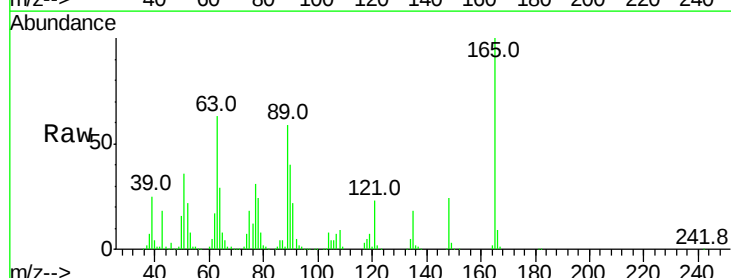
Tgt Ion:165 Resp: 285681

Ion Ratio Lower Upper

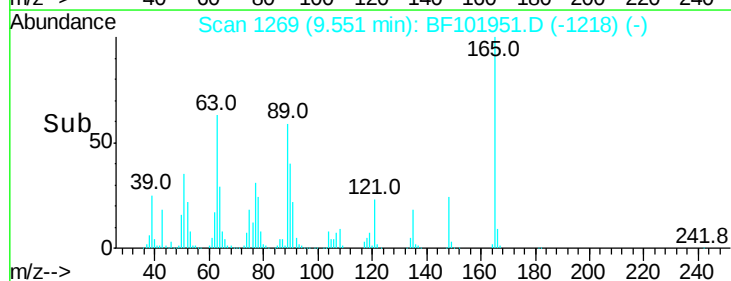
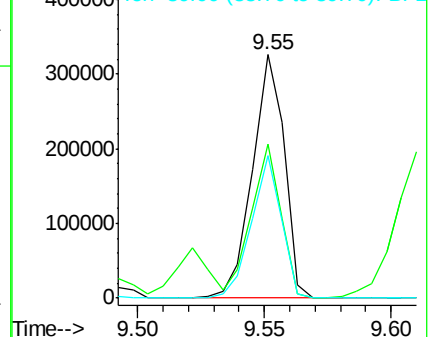
165 100

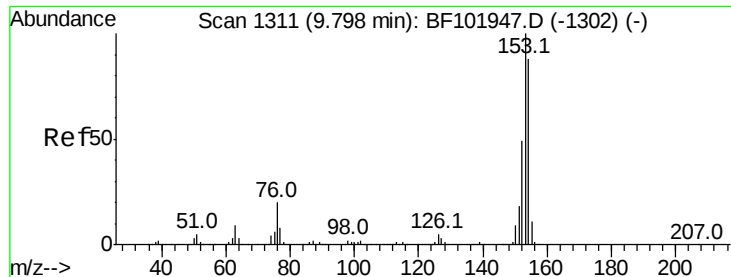
63 63.1 44.7 67.1

89 58.6 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





#51

Acenaphthene

Concen: 37.635 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

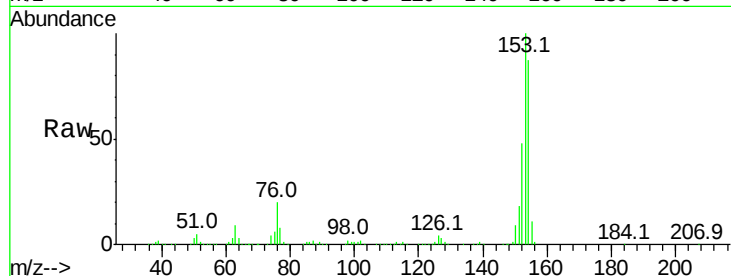
BNA_F

ClientSampleId :

ICVBF010918

Tot Ion:154 Resp: 1048820

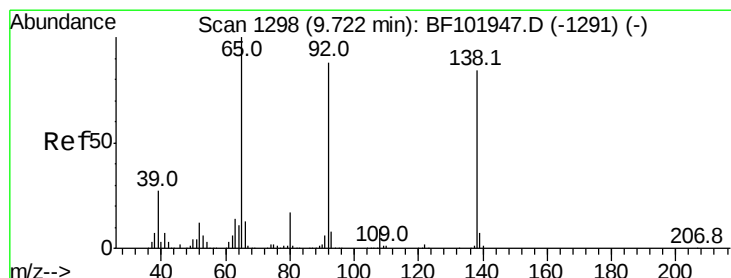
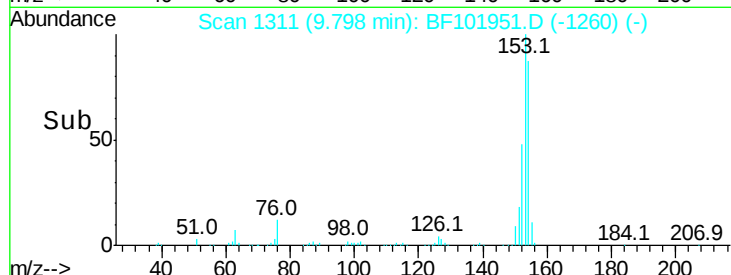
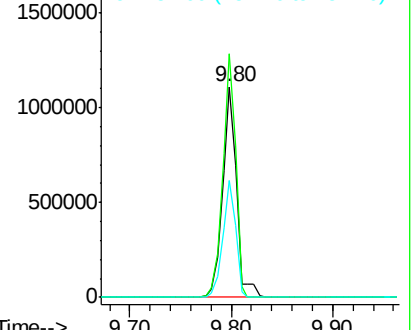
Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	55.7	43.8	65.8



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: 39.328 ng

RT: 9.72 min Scan# 1298

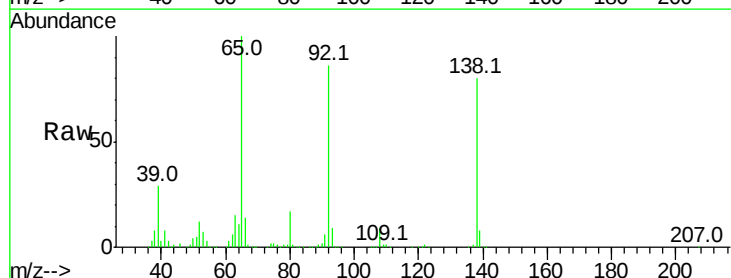
Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Tgt Ion:138 Resp: 335717

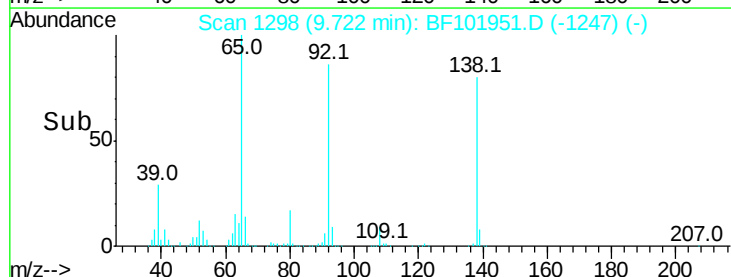
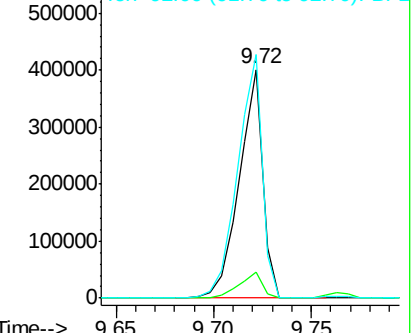
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	106.6	89.4	134.2

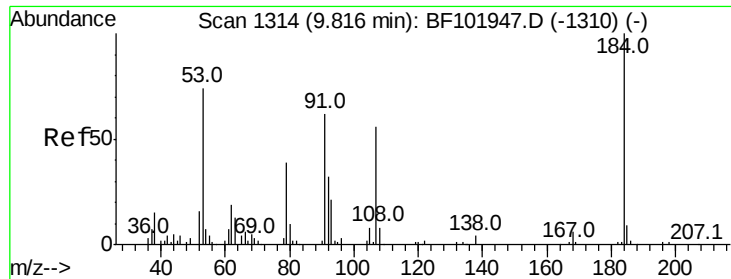


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

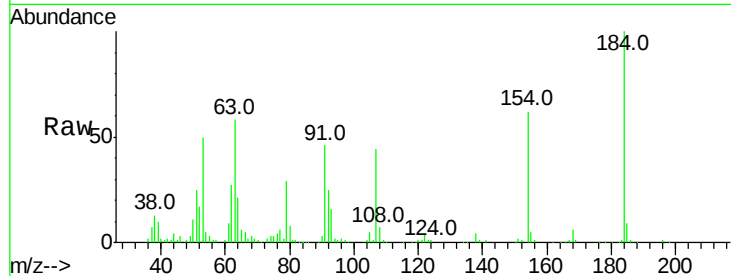




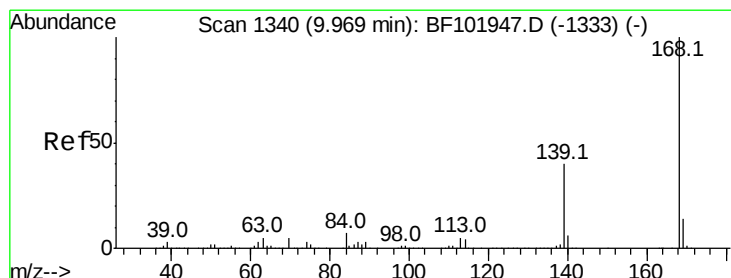
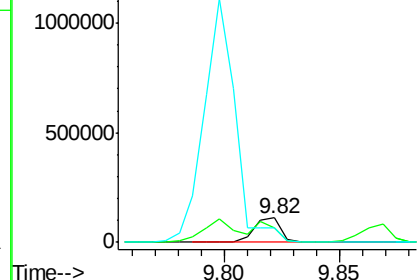
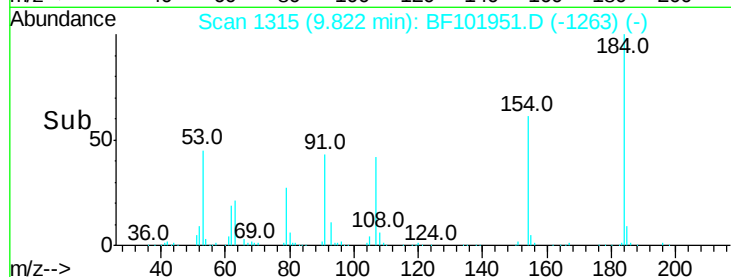
#53
 2,4-Dinitrophenol
 Concen: 40.821 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

Tot Ion:184 Resp: 93226
 Ion Ratio Lower Upper
 184 100
 63 58.4 54.2 81.2
 154 61.5 184.0 276.0#

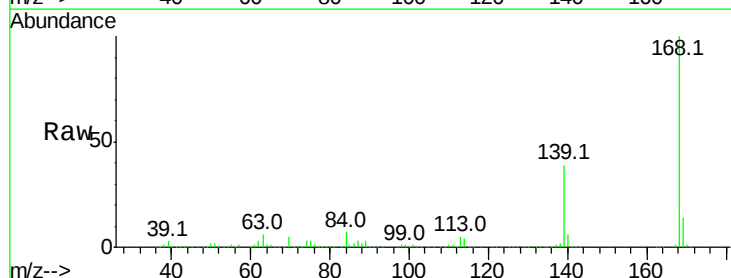


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

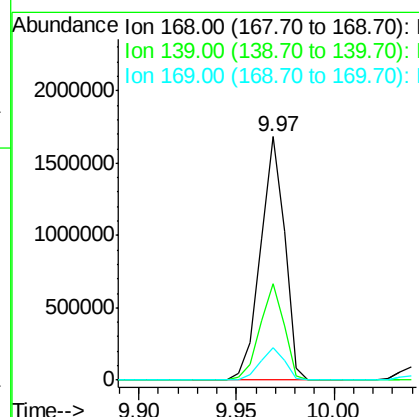
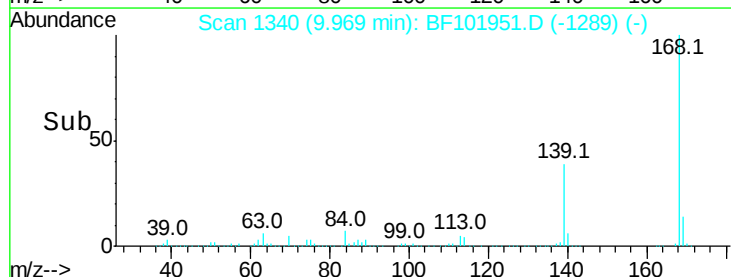


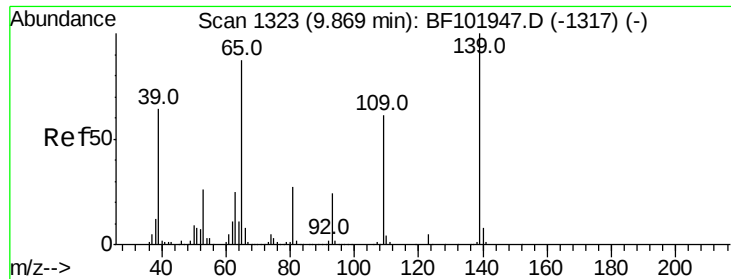
#54
 Dibenzofuran
 Concen: 37.763 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:168 Resp: 1444322
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

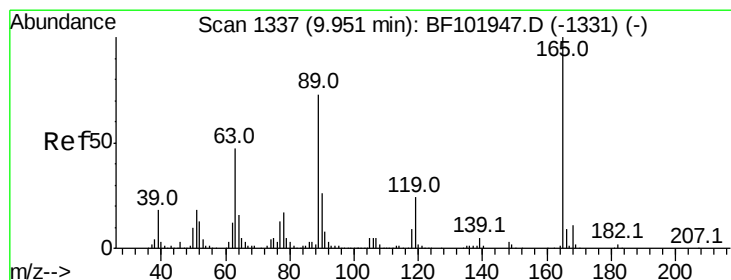
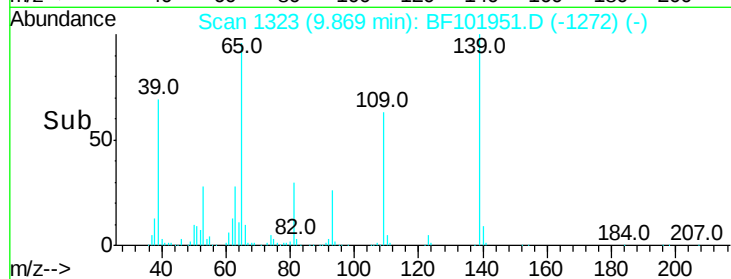
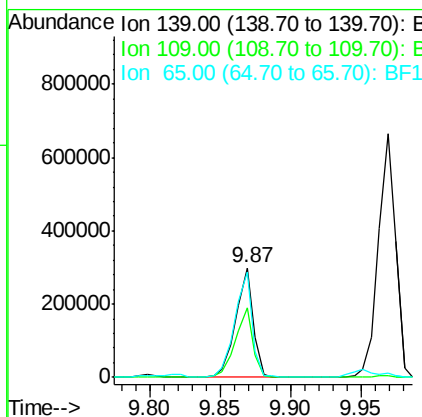
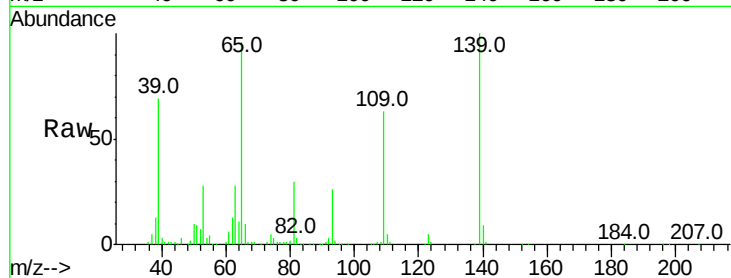




#55
4-Nitrophenol
Concen: 41.162 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

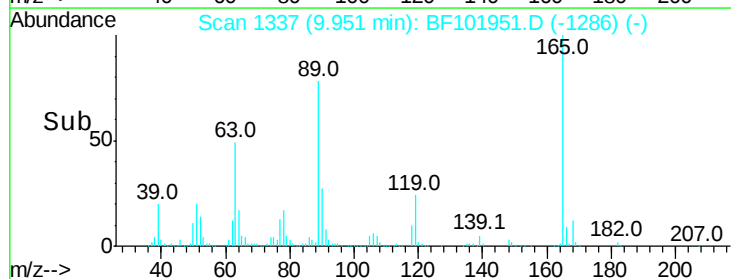
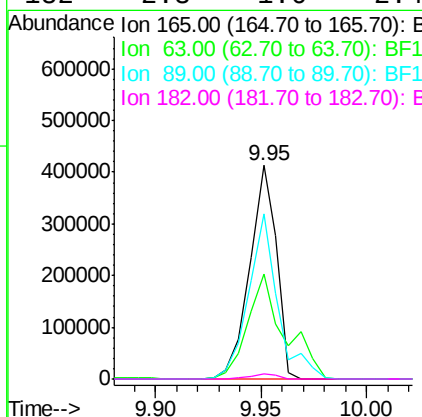
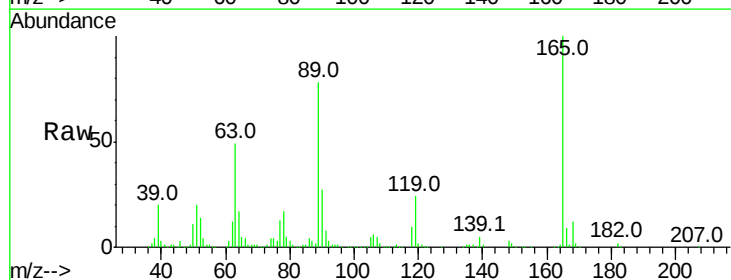
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

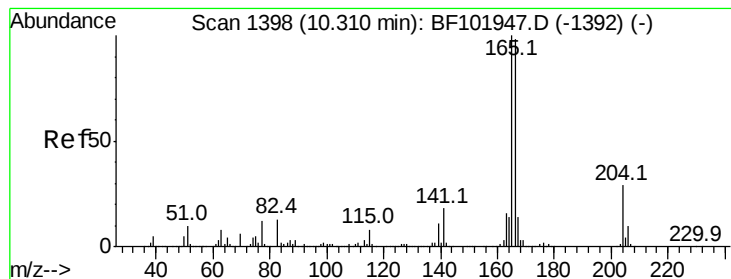
Tot Ion:139 Resp: 261853
Ion Ratio Lower Upper
139 100
109 63.2 48.4 88.4
65 96.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.103 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:165 Resp: 365411
Ion Ratio Lower Upper
165 100
63 49.4 36.4 54.6
89 77.6 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.702 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

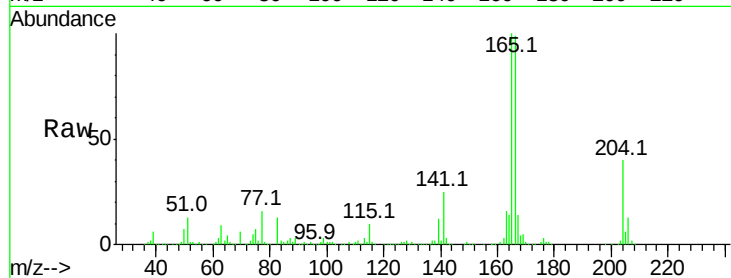
Tot Ion:166 Resp: 1023269

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

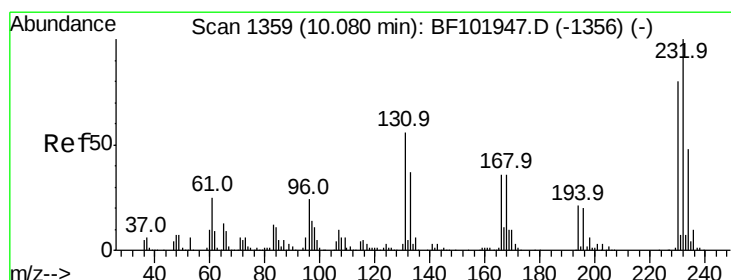
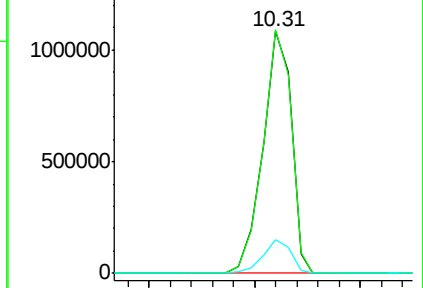
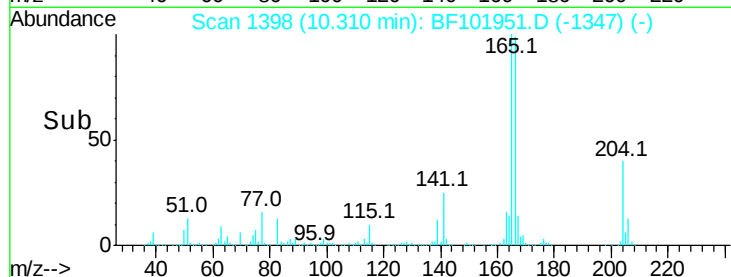
167 13.9 10.6 16.0



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: 38.496 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Tgt Ion:232 Resp: 254900

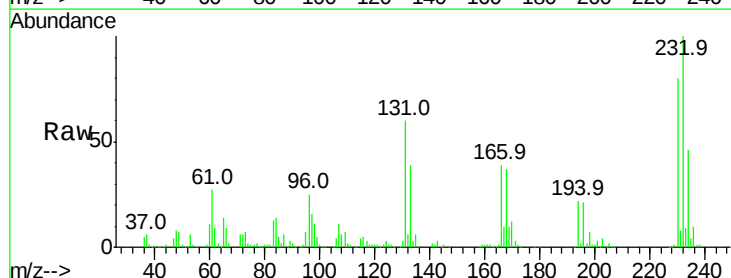
Ion Ratio Lower Upper

232 100

131 56.4 43.8 65.8

130 2.9 2.1 3.1

166 37.3 27.8 41.6

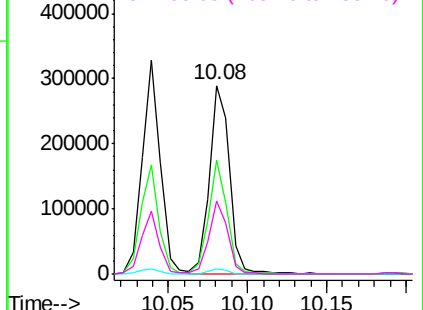
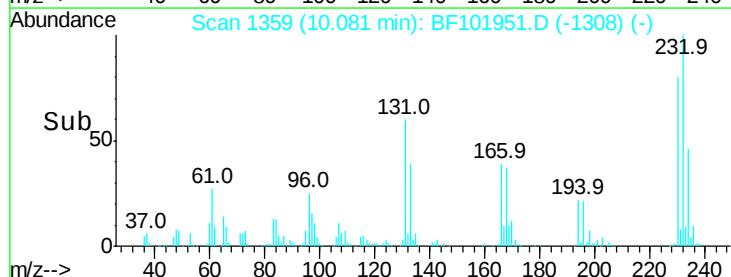


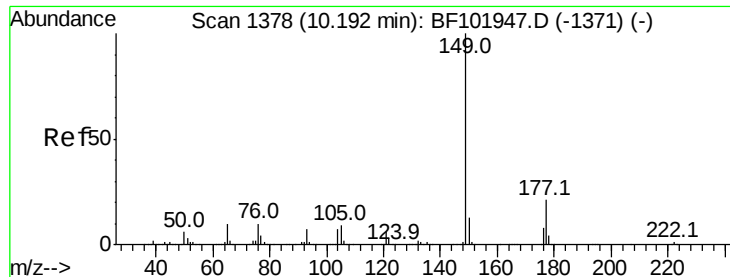
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

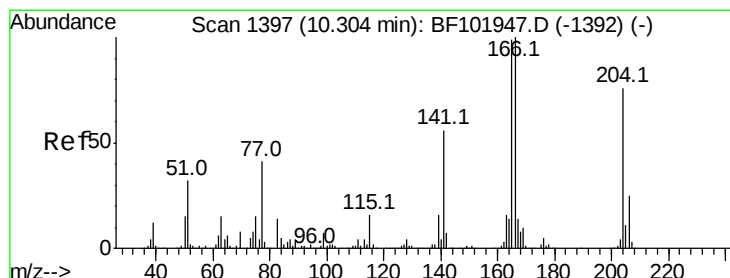
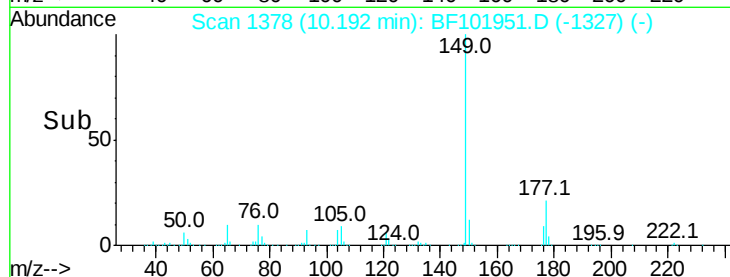
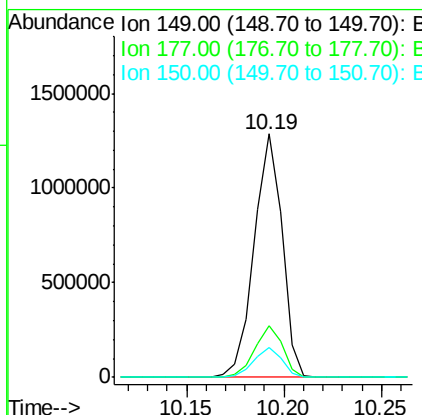
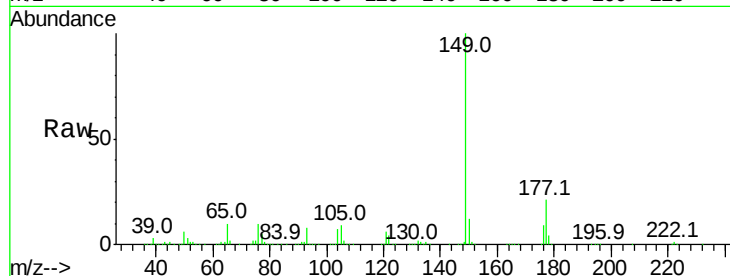




#59
Diethylphthalate
Concen: 37.983 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

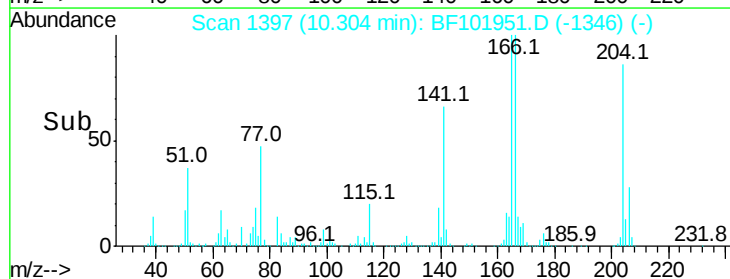
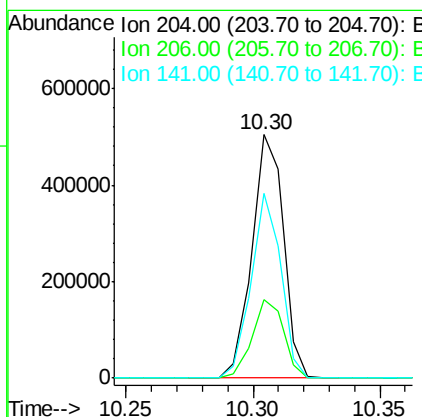
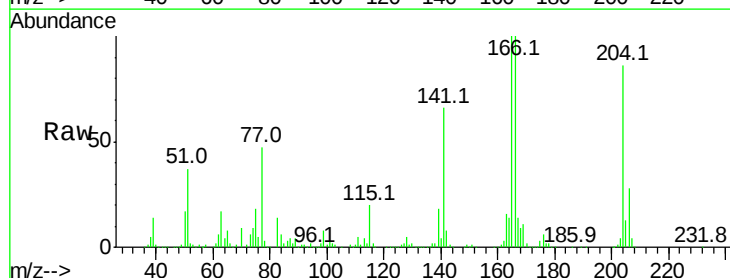
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

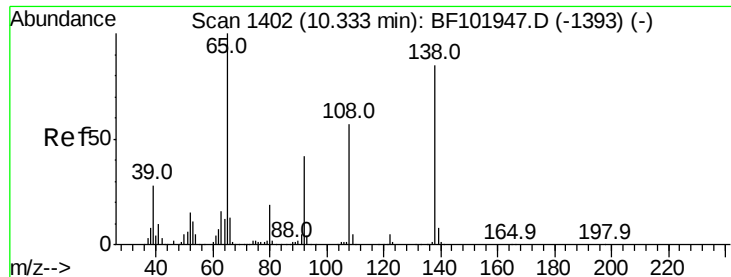
Tot Ion:149 Resp: 1279370
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.965 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:204 Resp: 438685
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 76.1 54.6 81.8

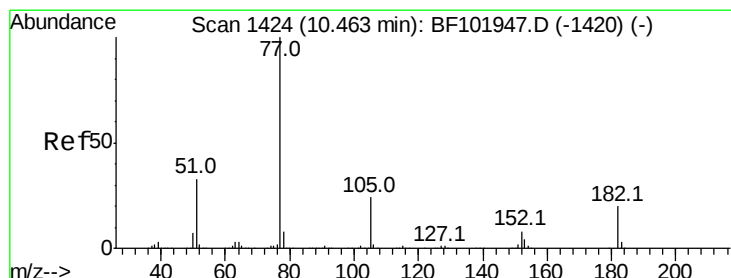
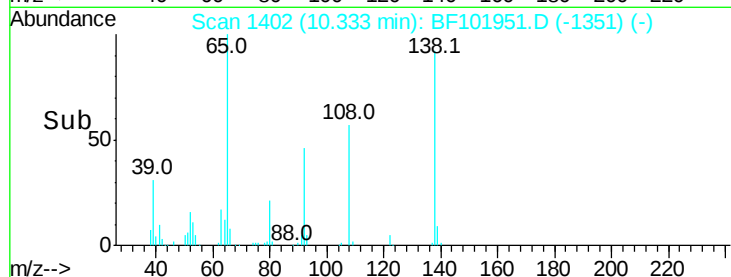
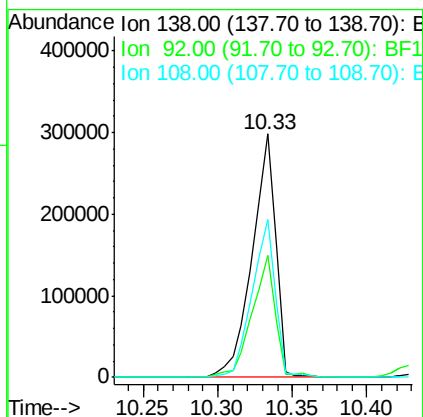
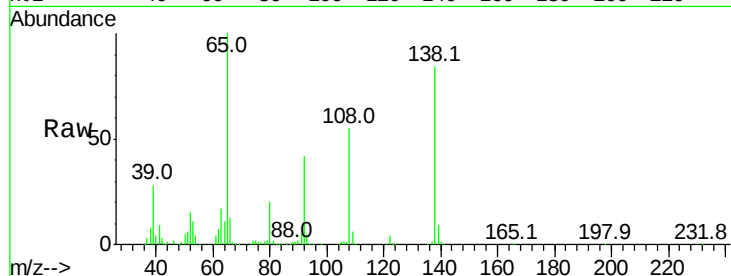




#61
4-Nitroaniline
Concen: 40.098 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

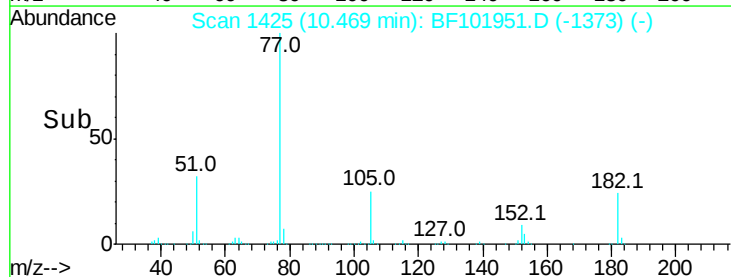
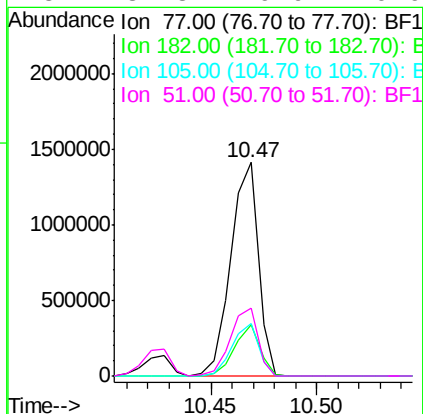
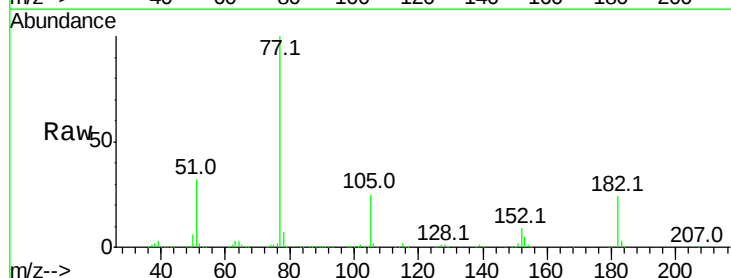
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

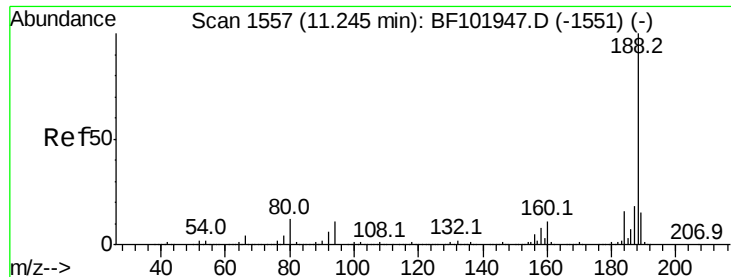
Tot Ion:138 Resp: 324848
Ion Ratio Lower Upper
138 100
92 50.1 30.2 70.2
108 64.9 52.5 92.5



#62
Azobenzene
Concen: 37.792 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion: 77 Resp: 1266491
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 24.9 3.0 43.0
51 31.8 9.9 49.9

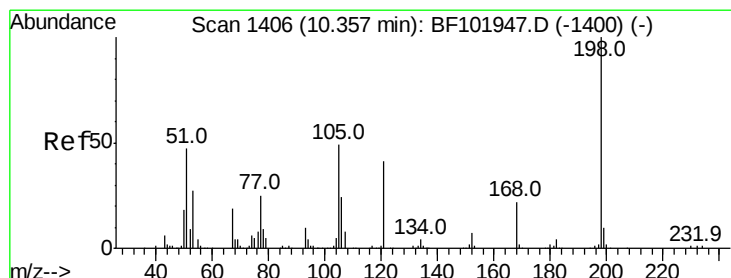
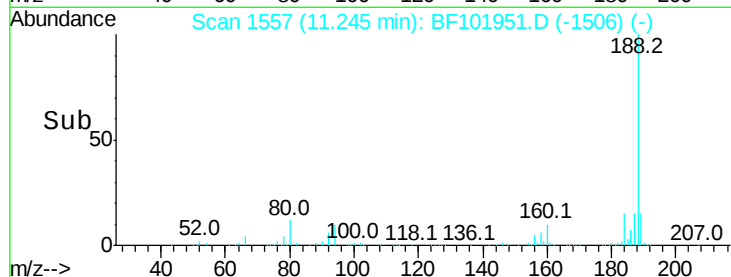
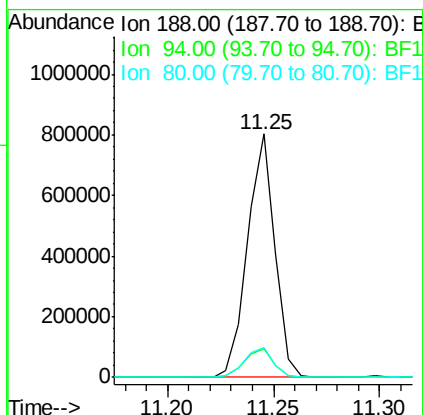
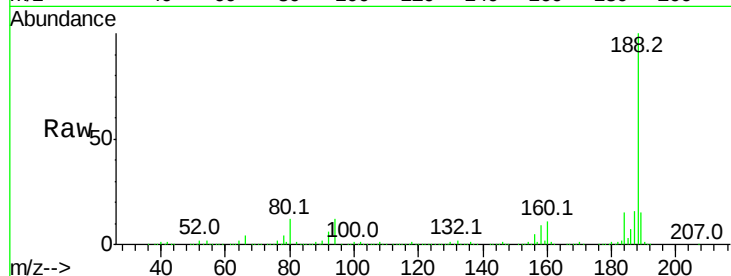




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

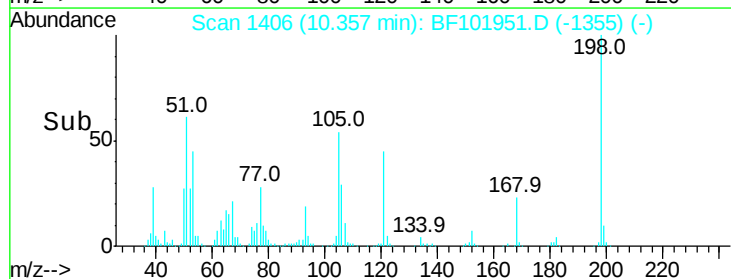
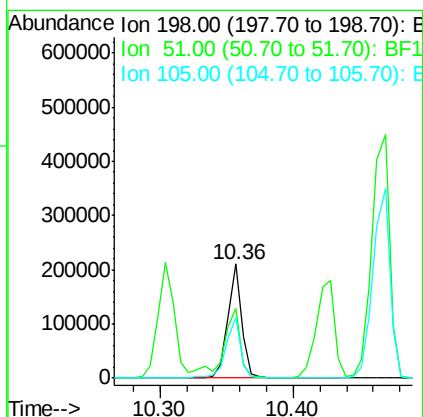
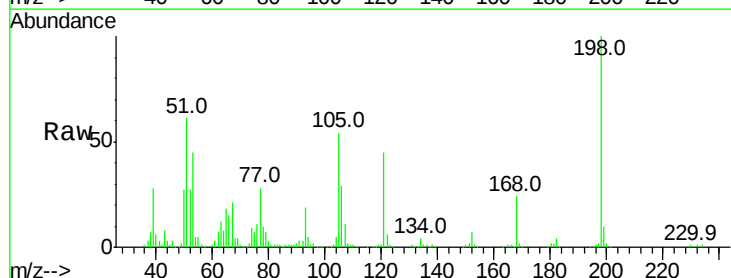
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

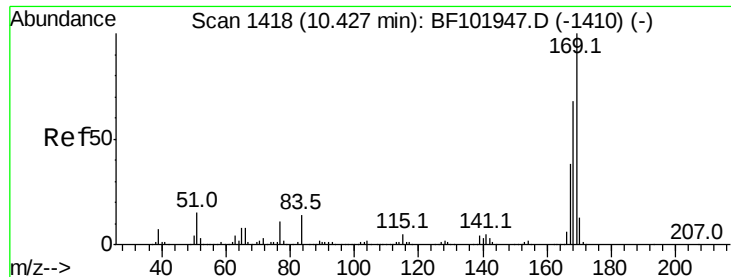
Tot Ion:188 Resp: 718174
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:198 Resp: 156859
Ion Ratio Lower Upper
198 100
51 61.1 37.7 77.7
105 53.6 36.3 76.3

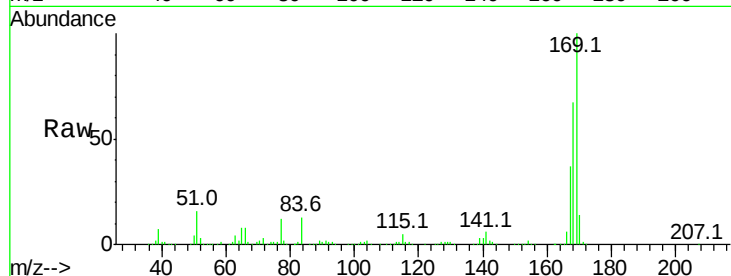




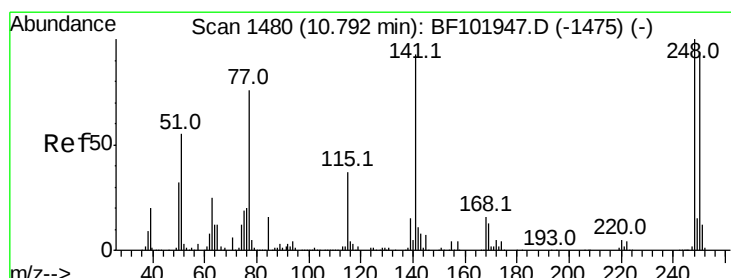
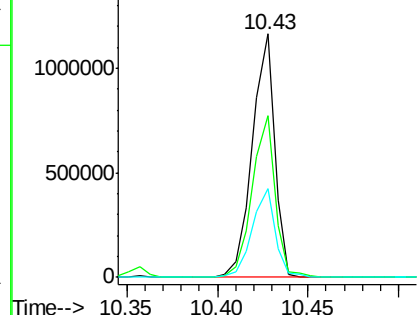
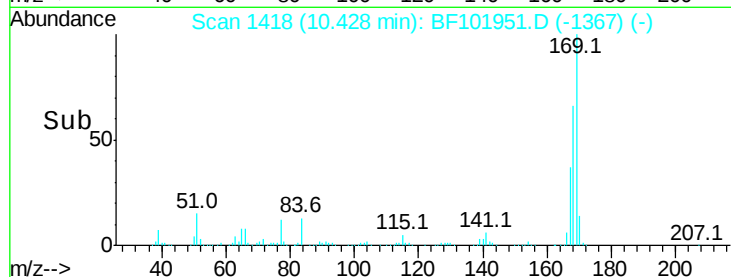
#65
n-Nitrosodiphenylamine
Concen: 37.249 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF010918

Tot Ion:169 Resp: 1001738
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.6 29.8 44.6

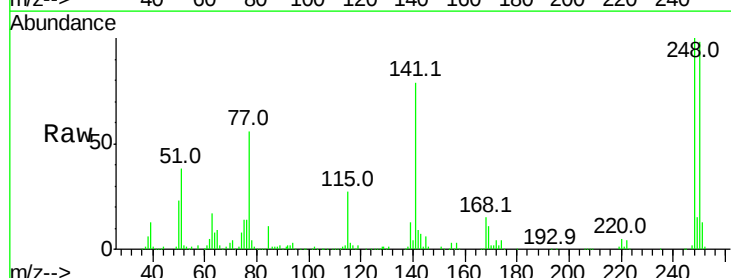


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

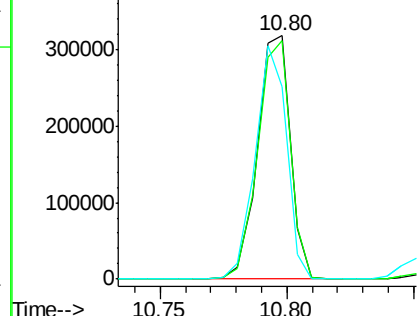
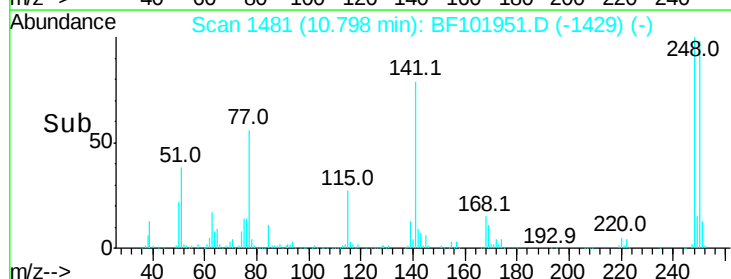


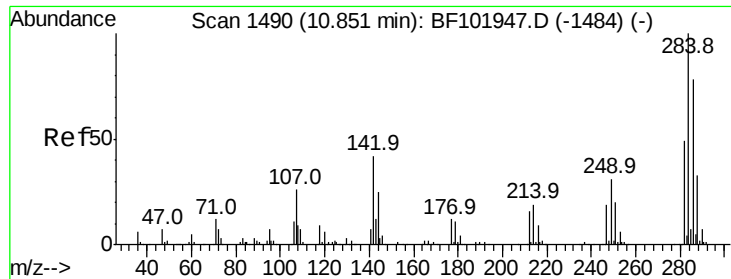
#66
4-Bromophenyl-phenylether
Concen: 38.135 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:248 Resp: 289229
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 78.8 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: 37.406 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

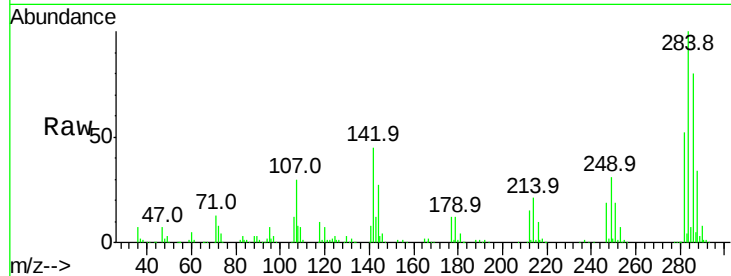
Tot Ion:284 Resp: 309709

Ion Ratio Lower Upper

284 100

142 45.2 34.6 52.0

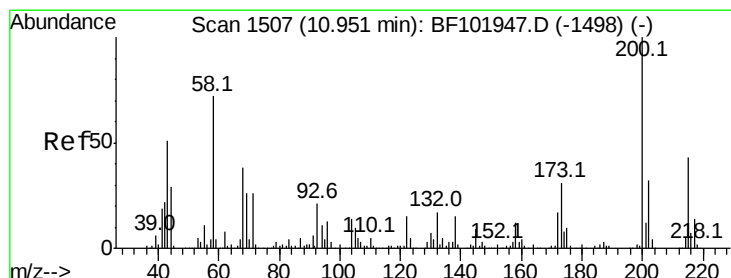
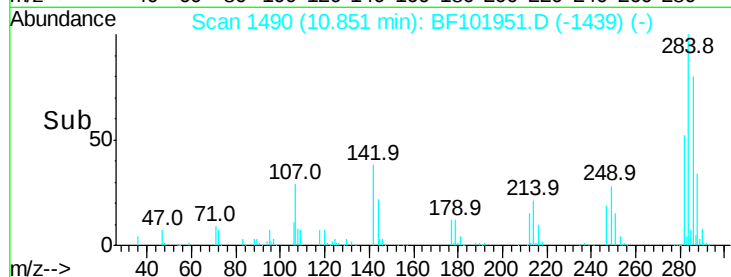
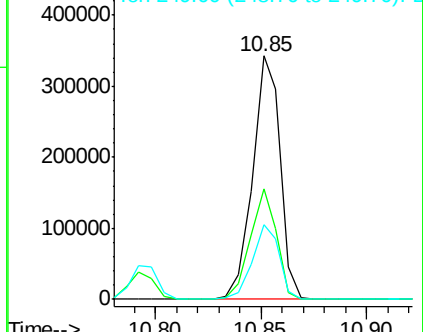
249 30.6 24.8 37.2



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: 38.419 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

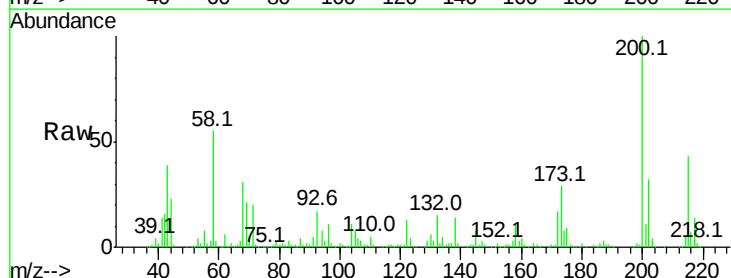
Tgt Ion:200 Resp: 298587

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

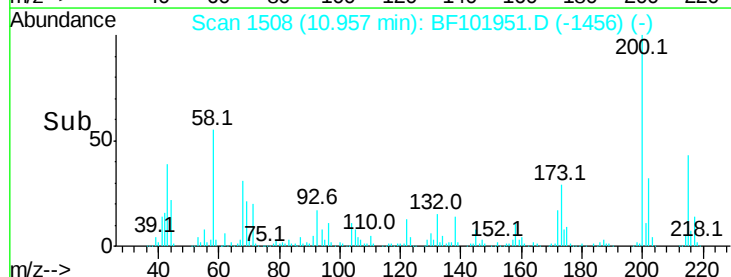
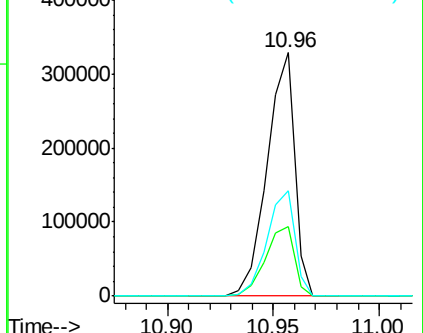
215 43.5 25.1 65.1

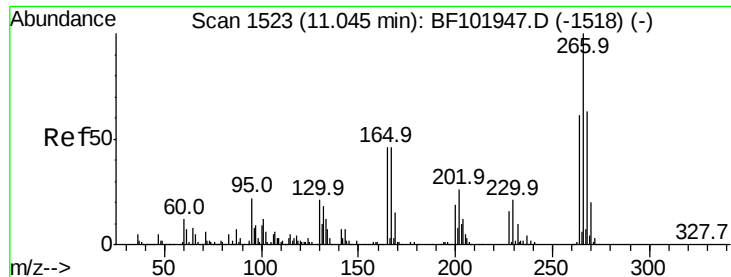


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

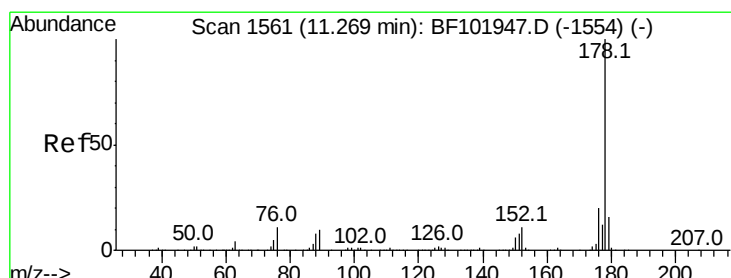
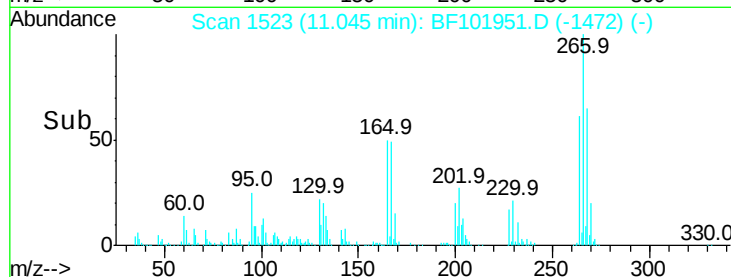
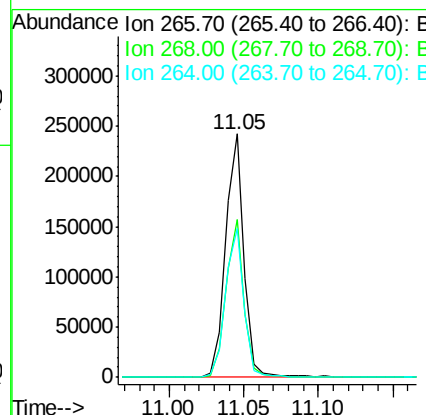
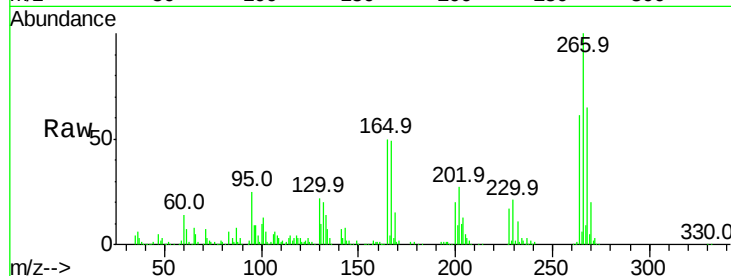




#69
 Pentachlorophenol
 Concen: 41.614 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

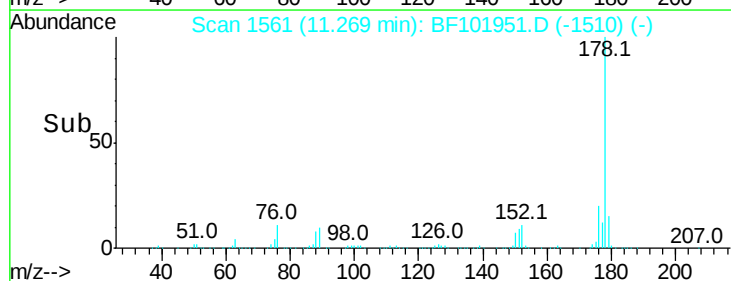
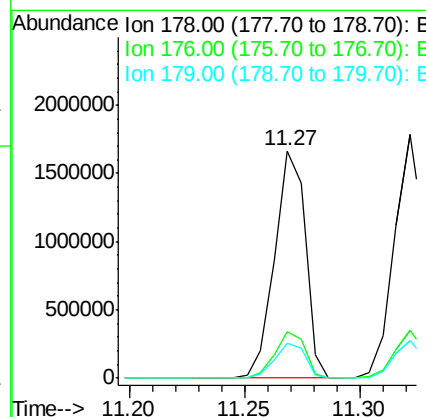
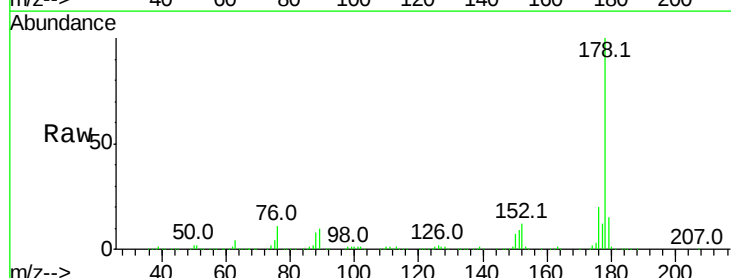
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

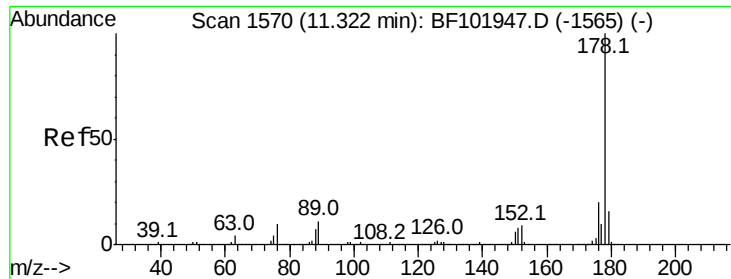
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	61.3	49.5	74.3



#70
 Phenanthrene
 Concen: 36.731 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.4	13.0	19.6





#71

Anthracene

Concen: 37.280 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

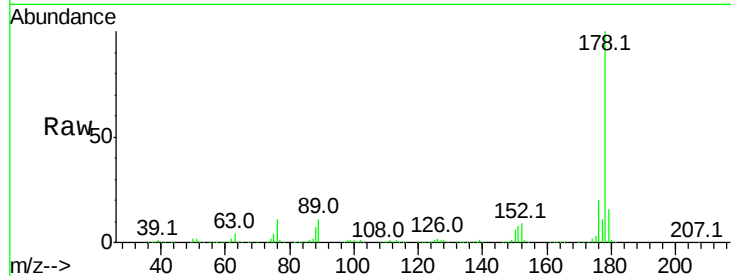
BNA_F

ClientSampleId :

ICVBF010918

Tot Ion:178 Resp: 1586119

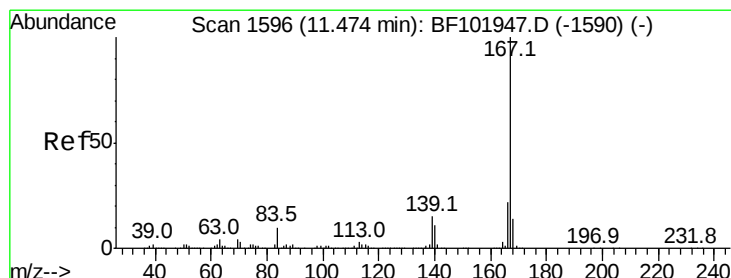
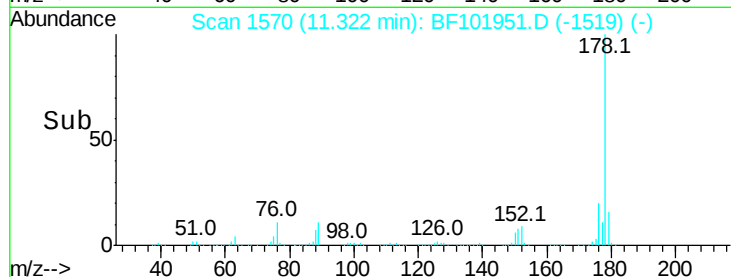
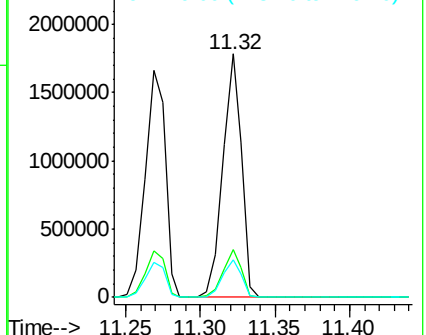
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.7	12.6	19.0



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: 36.977 ng

RT: 11.47 min Scan# 1596

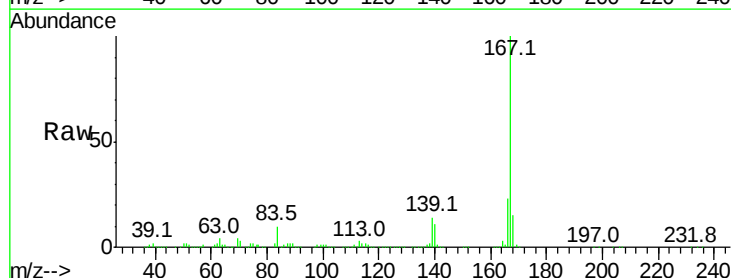
Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Tgt Ion:167 Resp: 1546321

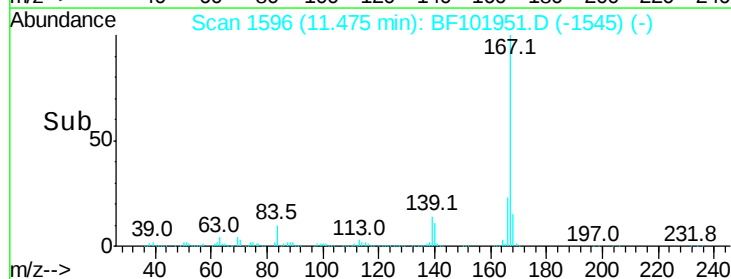
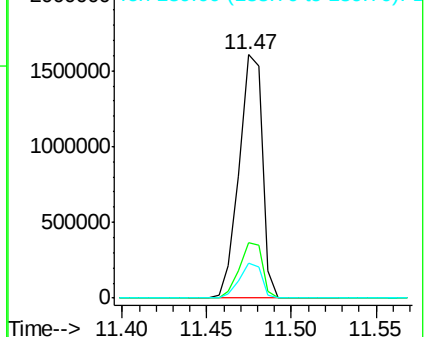
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	14.4	10.9	16.3

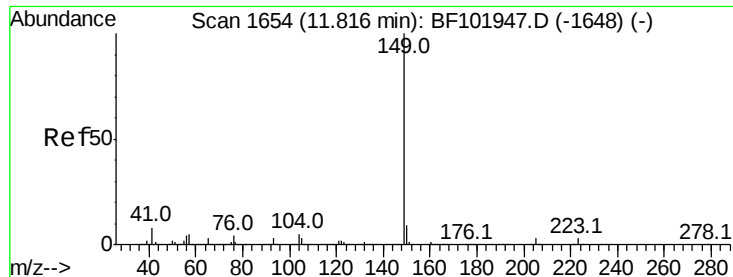


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.385 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

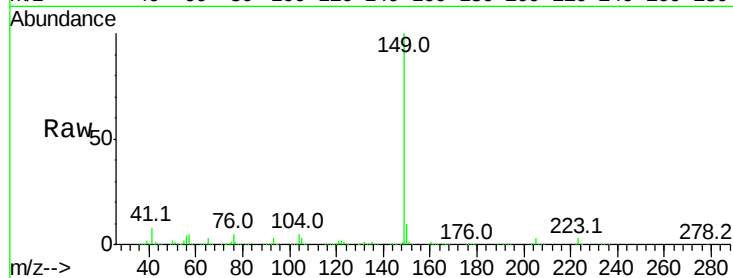
Tot Ion:149 Resp: 1918047

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

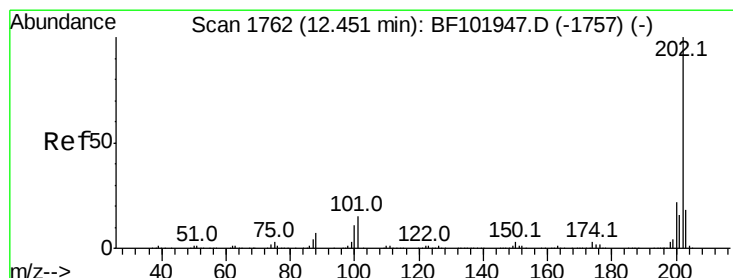
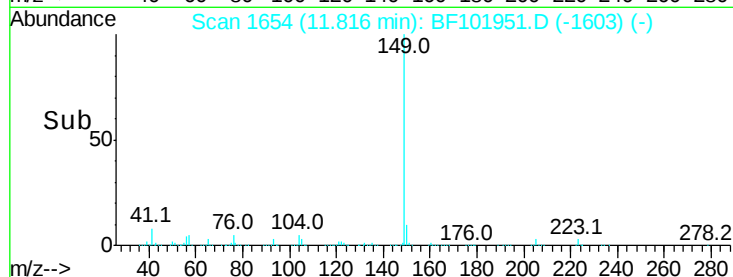
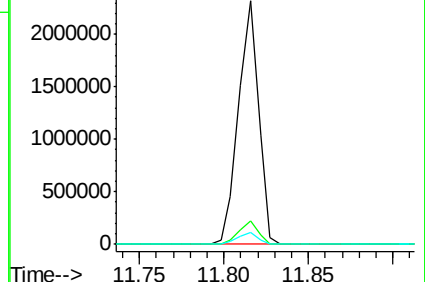
104 5.0 3.8 5.8



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: 37.152 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

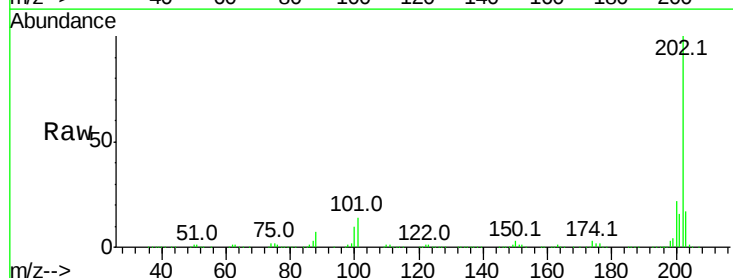
Tgt Ion:202 Resp: 1533424

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

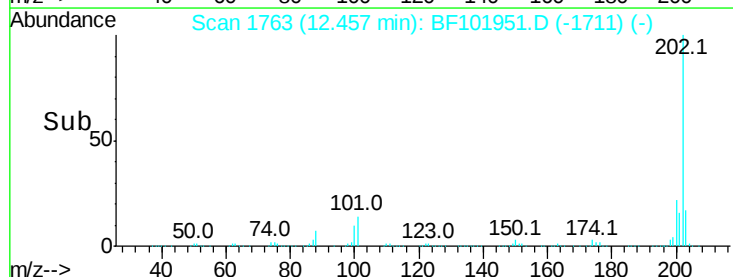
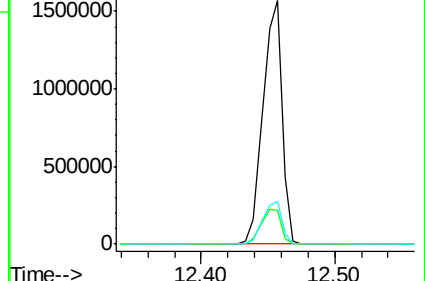
203 17.3 0.0 38.1

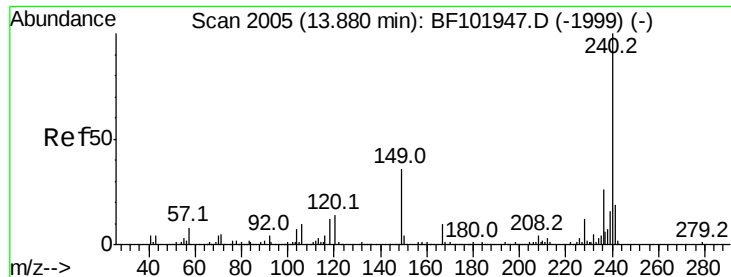


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

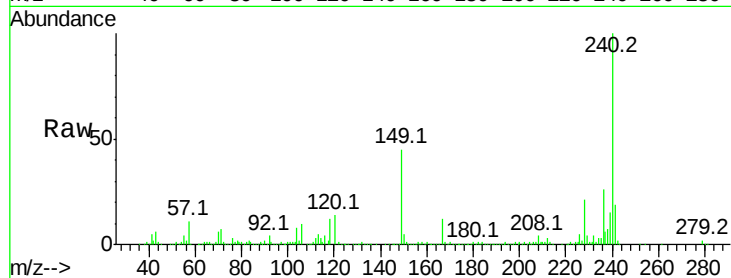
Tot Ion:240 Resp: 463842

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

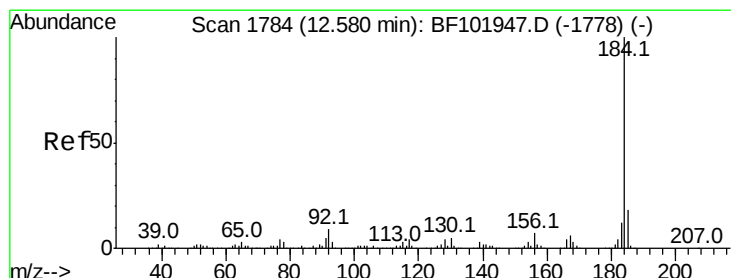
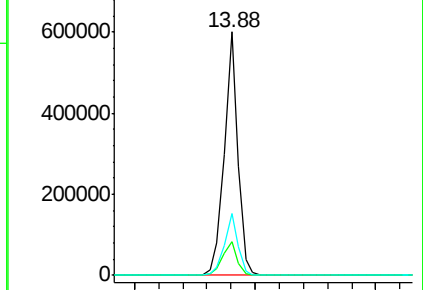
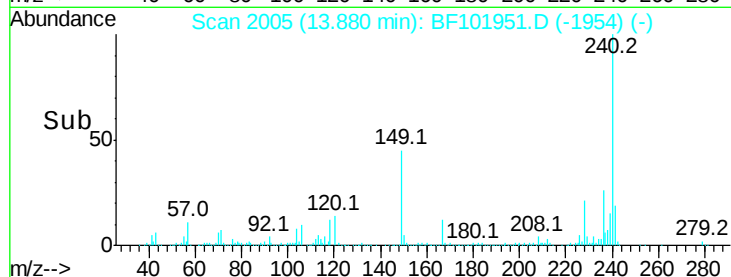
236 25.6 20.7 31.1



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: 37.197 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

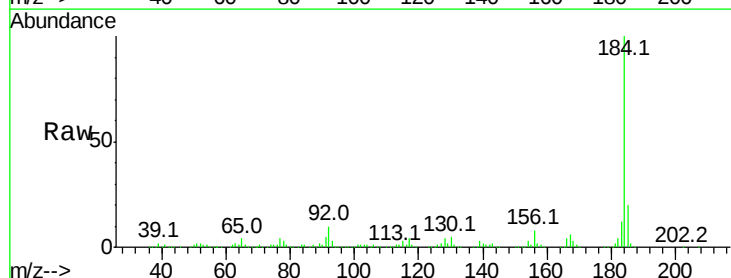
Tgt Ion:184 Resp: 833161

Ion Ratio Lower Upper

184 100

185 20.3 12.6 18.8#

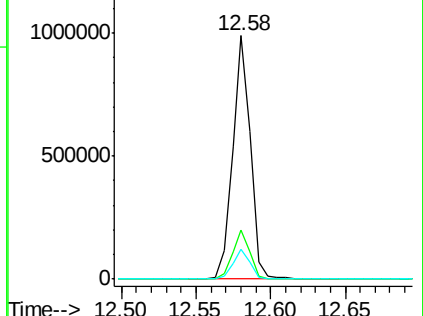
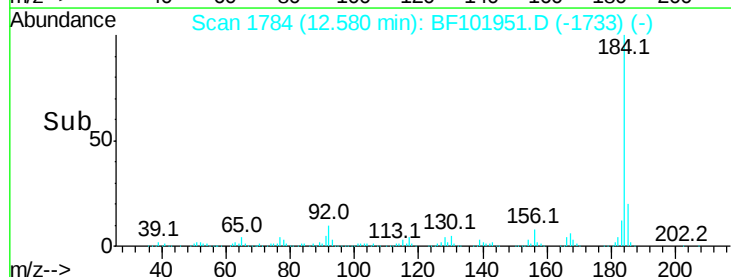
183 12.5 9.3 13.9

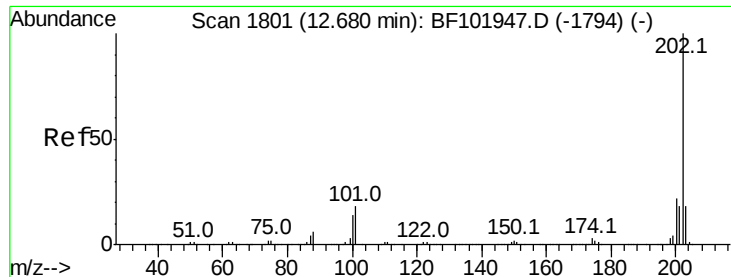


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



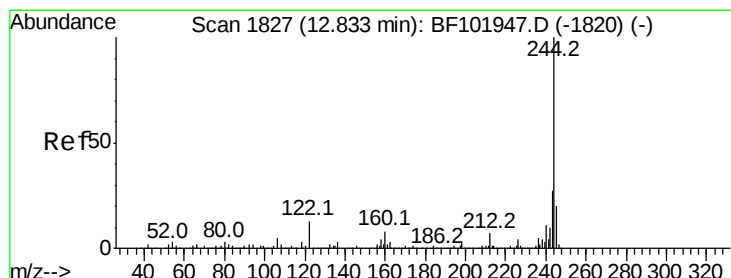
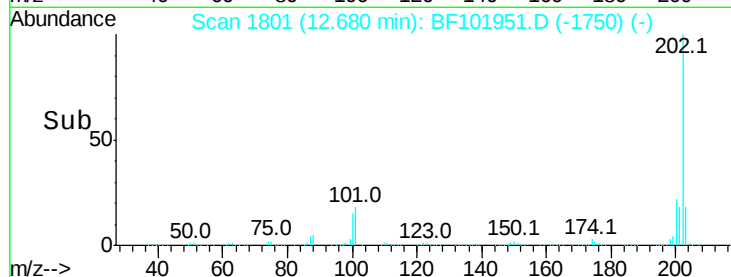
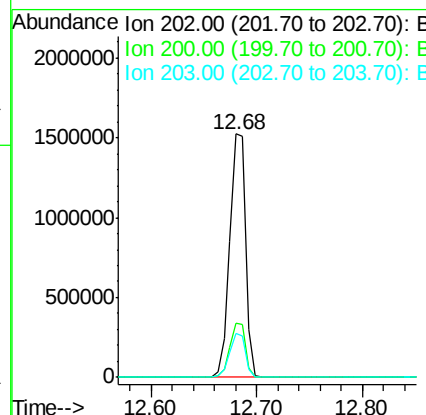
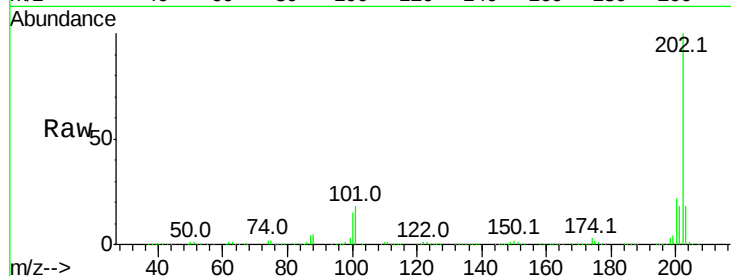


#77
Pvrene
Concen: 38.707 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF010918

Tot Ion:202 Resp: 1587009

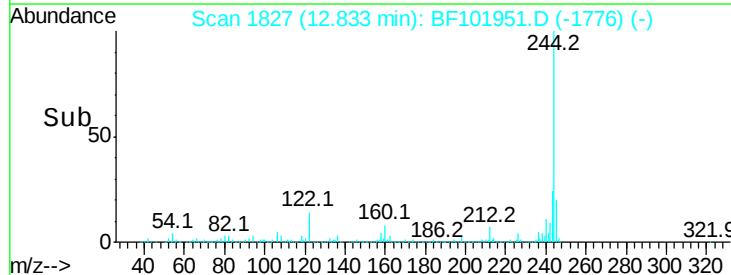
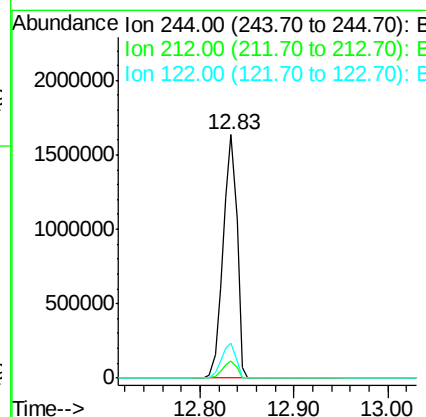
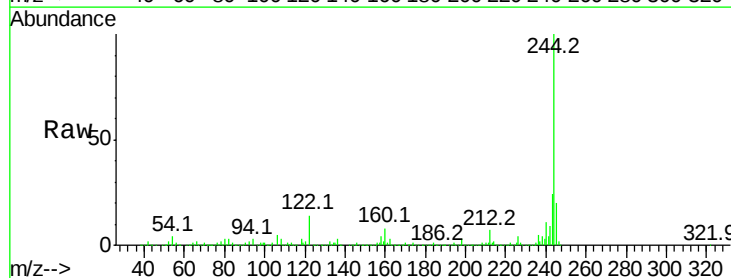
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.0	14.3	21.5

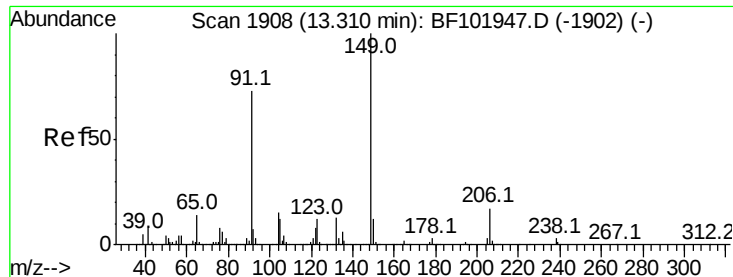


#78
Terphenyl-d14
Concen: 75.850 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:244 Resp: 1694509

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.2	11.0	16.4

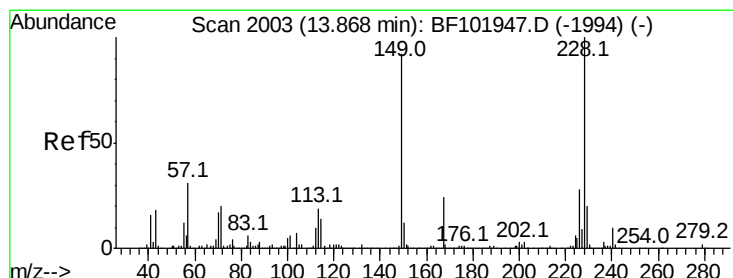
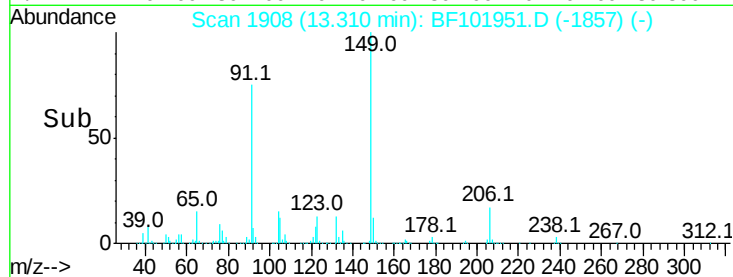
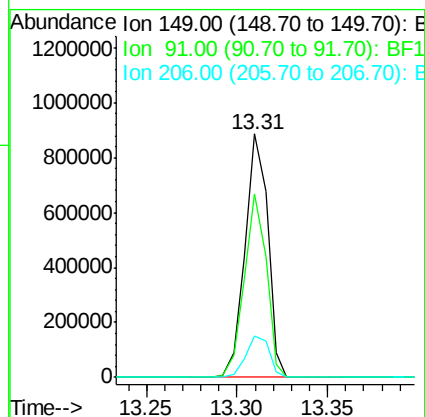
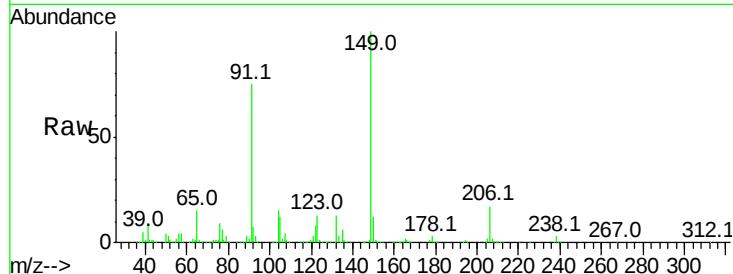




#79
 Butylbenzylphthalate
 Concen: 41.135 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

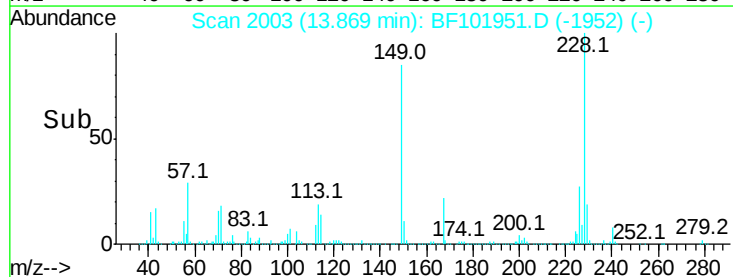
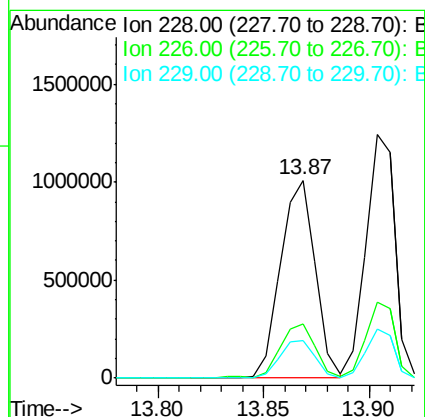
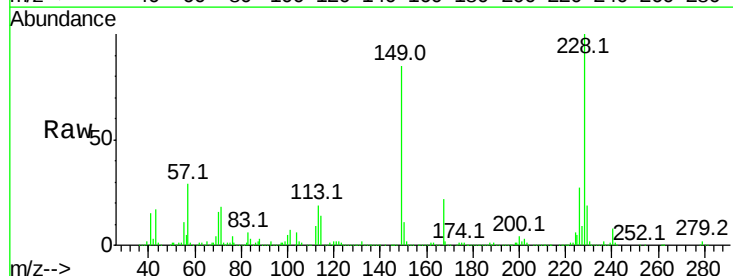
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

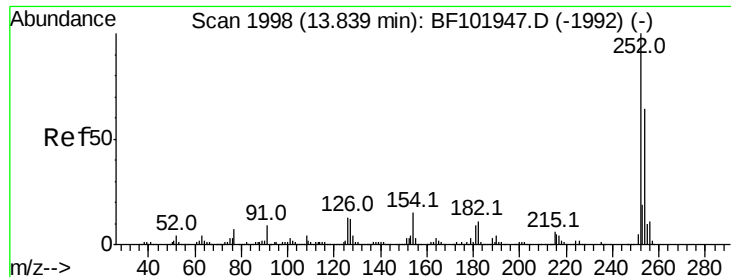
Tot Ion:	149	Resp:	774010
Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	16.9	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 38.927 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:	228	Resp:	1152014
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.1	15.8	23.6

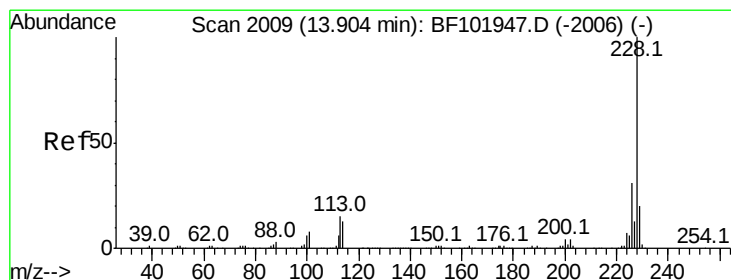
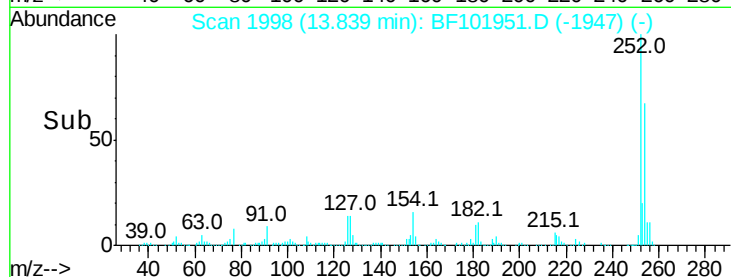
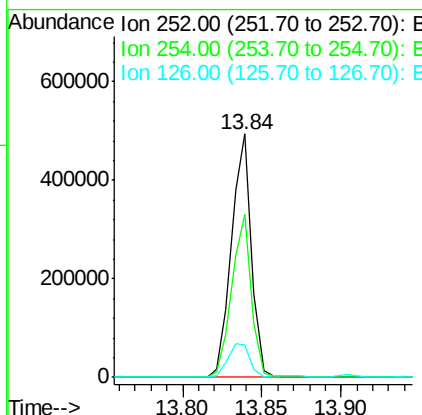
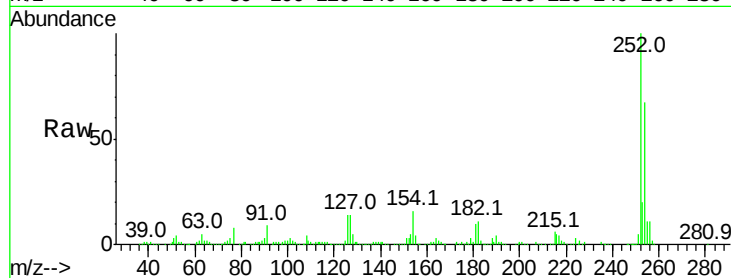




#81
 3,3'-Dichlorobenzidine
 Concen: 39.328 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

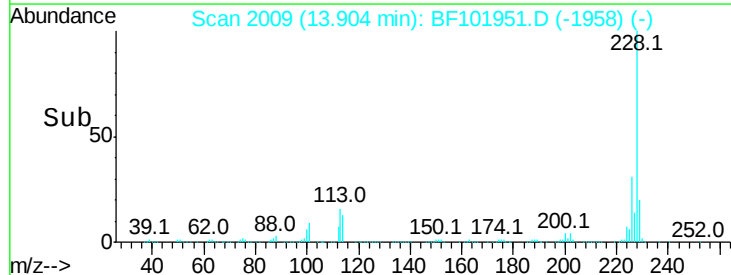
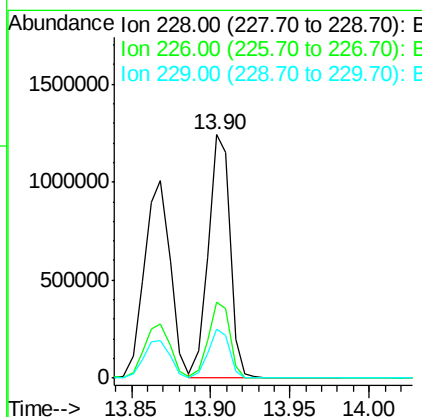
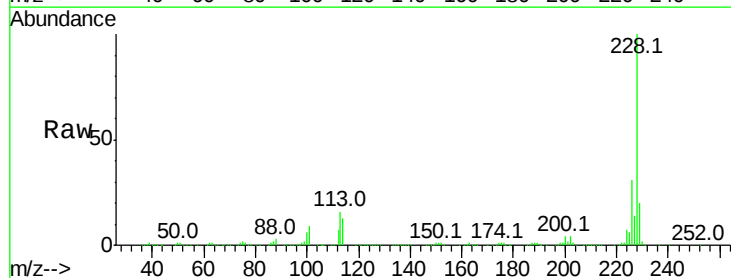
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

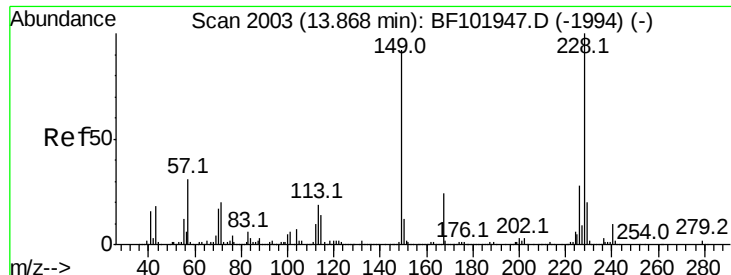
Tot Ion:252 Resp: 430953
 Ion Ratio Lower Upper
 252 100
 254 66.7 50.4 75.6
 126 13.5 11.3 16.9



#82
 Chrysene
 Concen: 38.744 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:228 Resp: 1195604
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.3 16.2 24.4

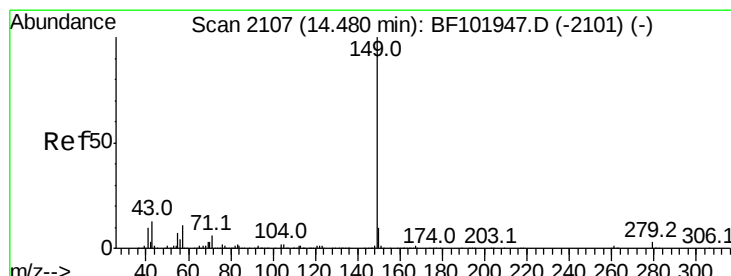
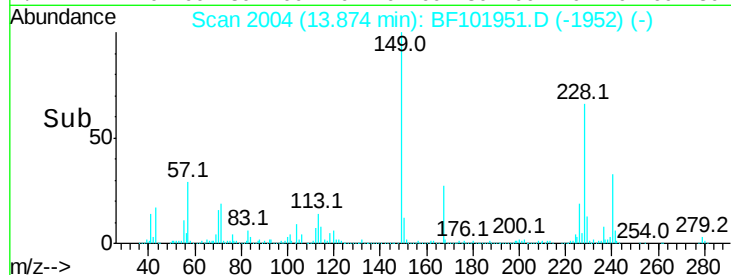
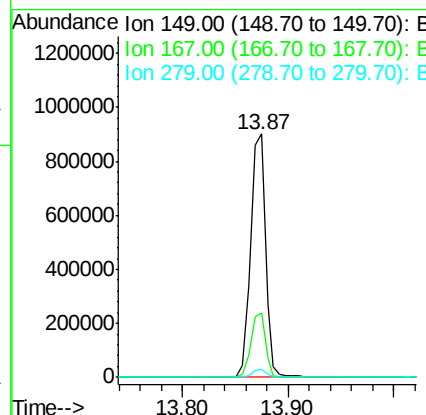
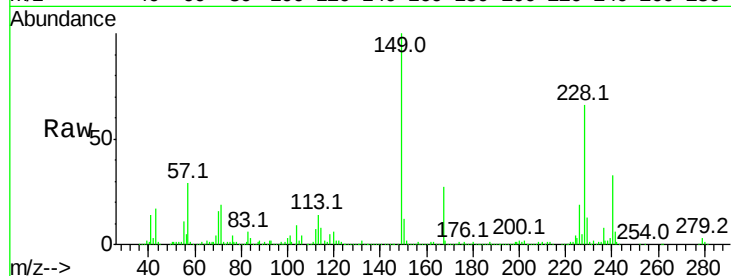




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.748 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

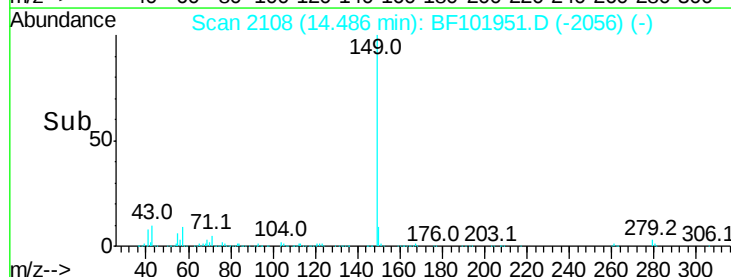
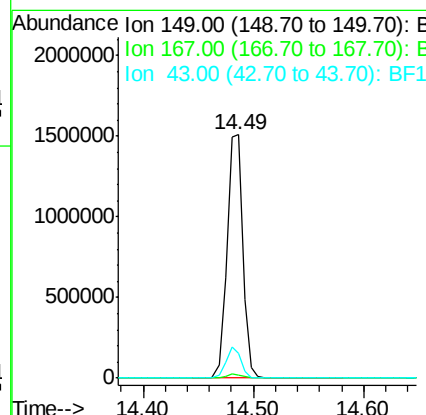
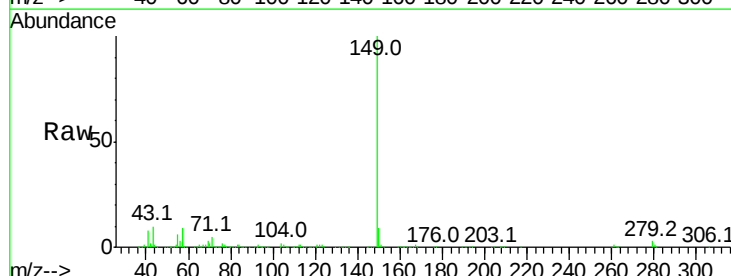
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

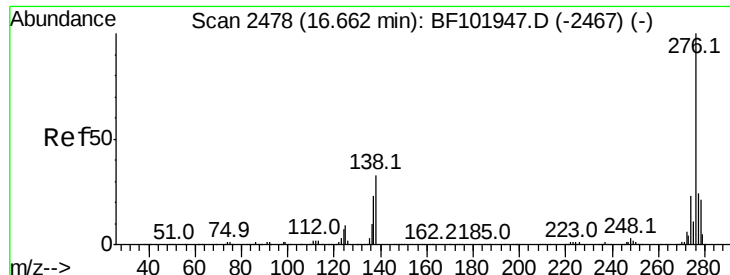
Tot Ion:149 Resp: 879556
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 42.335 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Tgt Ion:149 Resp: 1516394
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.7 8.4 12.6

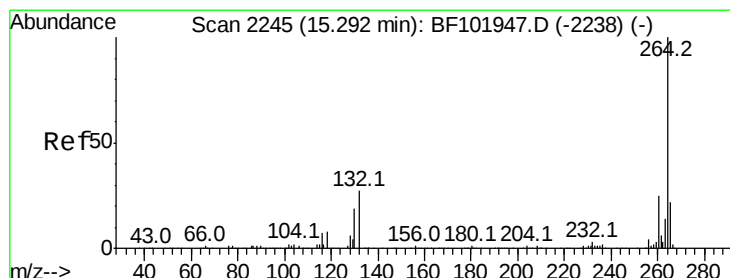
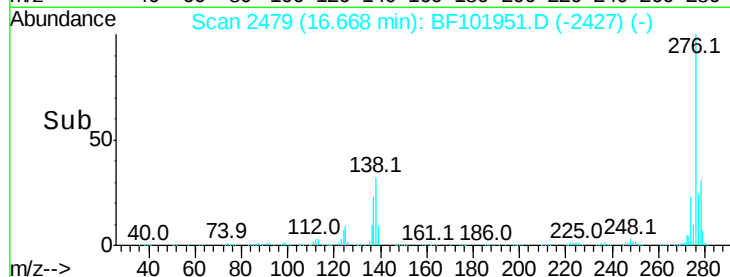
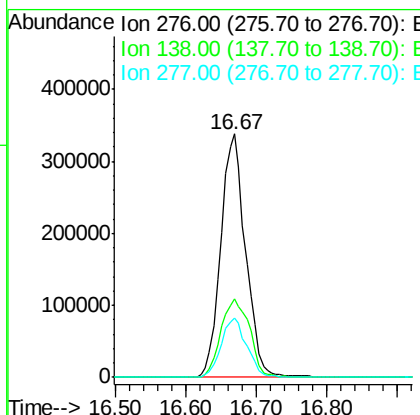
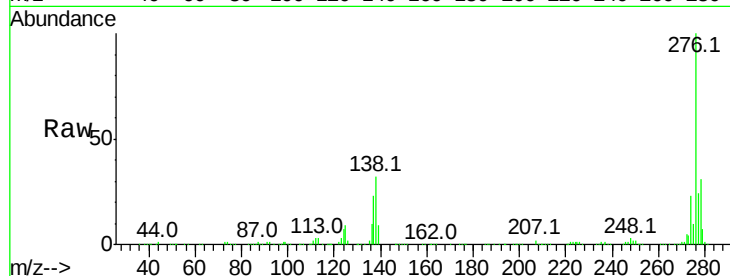




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.906 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

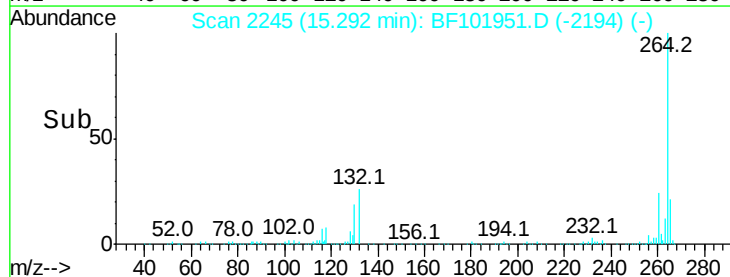
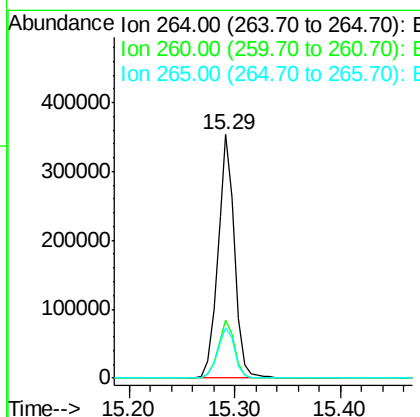
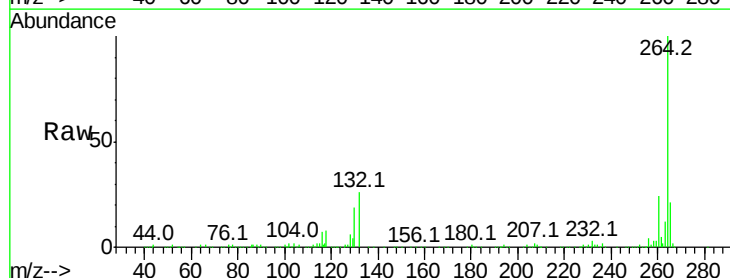
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

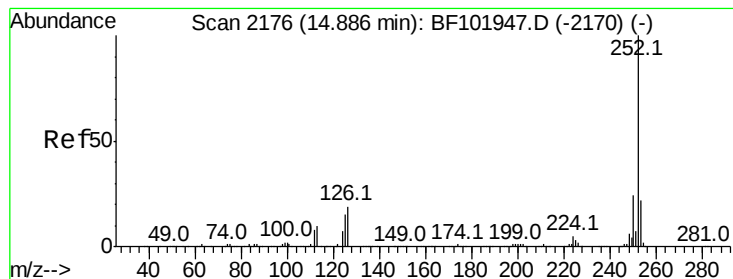
Tot Ion:276 Resp: 828921
Ion Ratio Lower Upper
276 100
138 37.0 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:264 Resp: 390408
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.9 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 39.626 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF010918

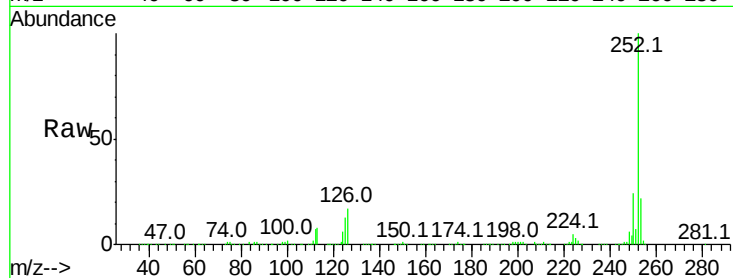
Tot Ion:252 Resp: 1008704

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

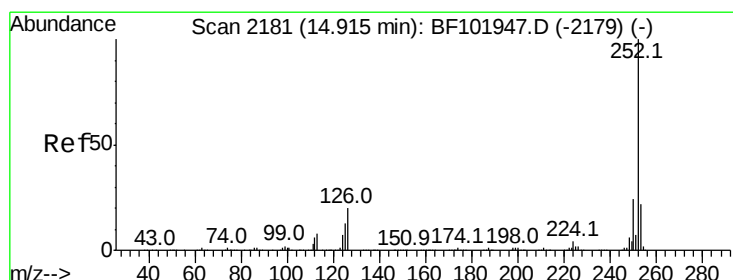
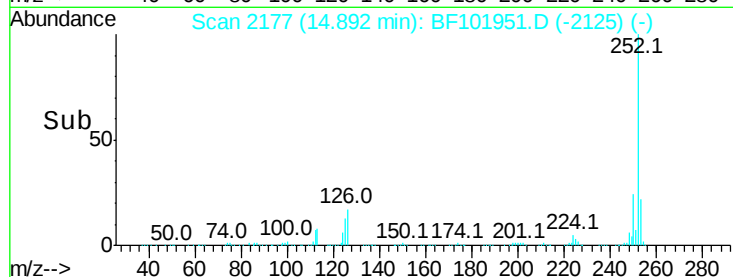
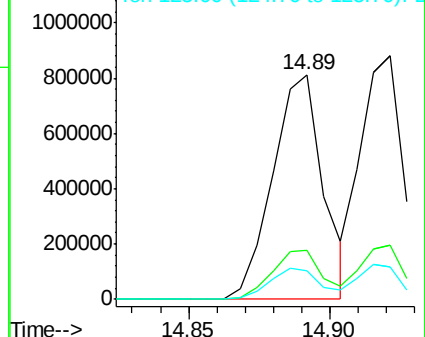
125 12.8 9.0 13.6



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: 37.900 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF101951.D

Acq: 9 Jan 2018 14:38

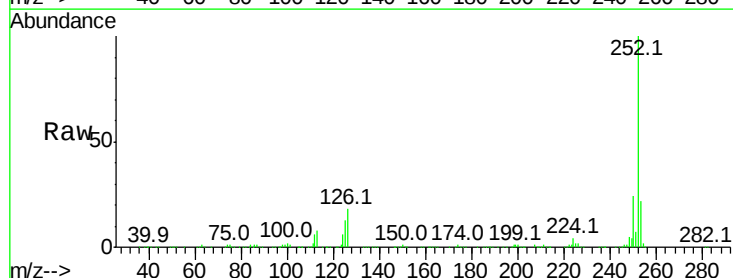
Tgt Ion:252 Resp: 930686

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

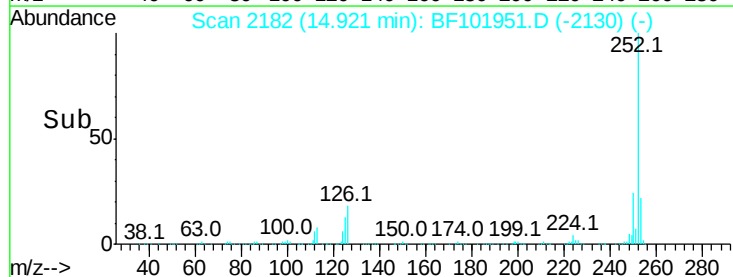
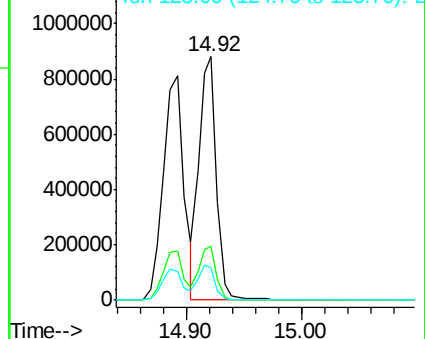
125 13.1 10.2 15.2

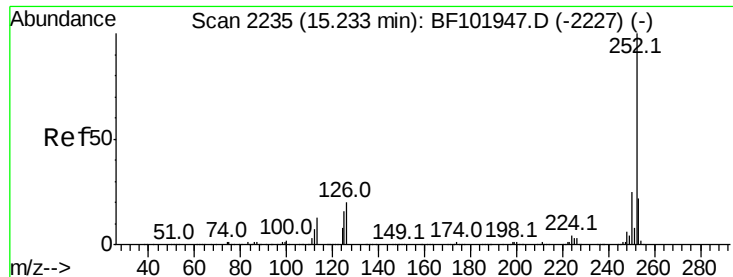


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

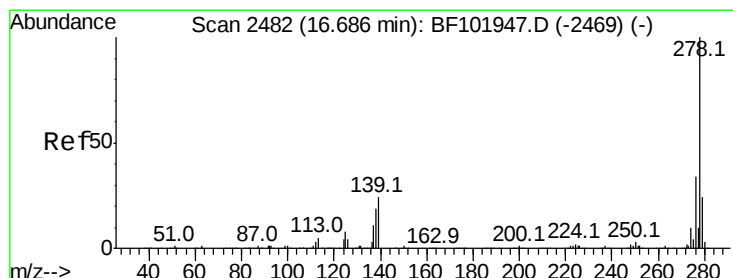
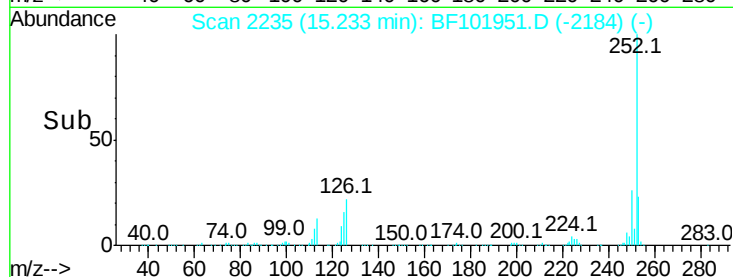
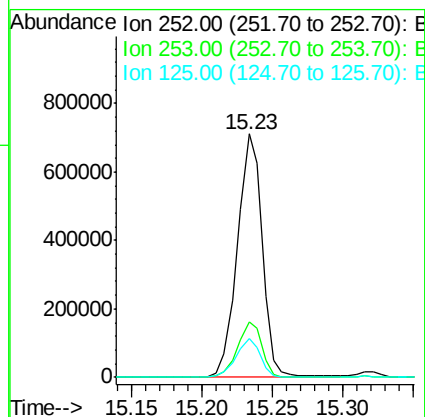
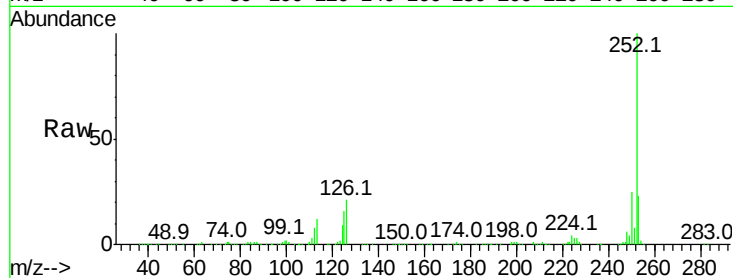




#89
Benzo(a)pyrene
Concen: 38.139 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

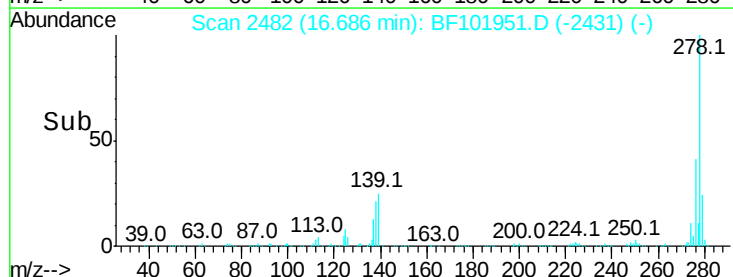
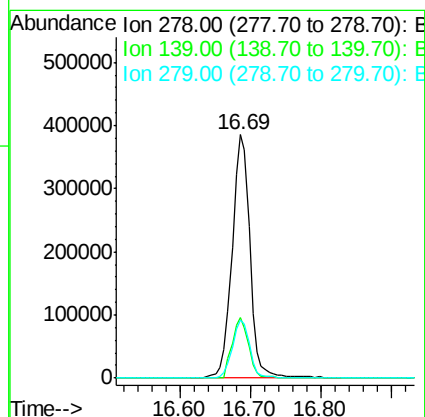
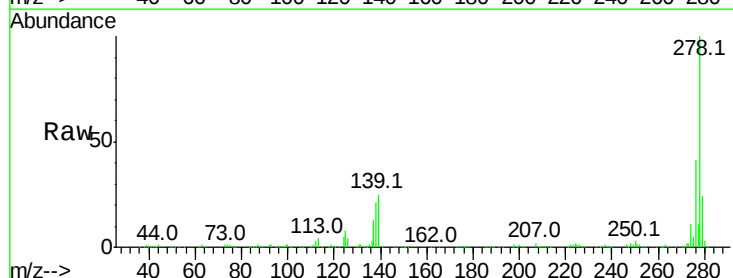
Instrument :
BNA_F
ClientSampleId :
ICVBF010918

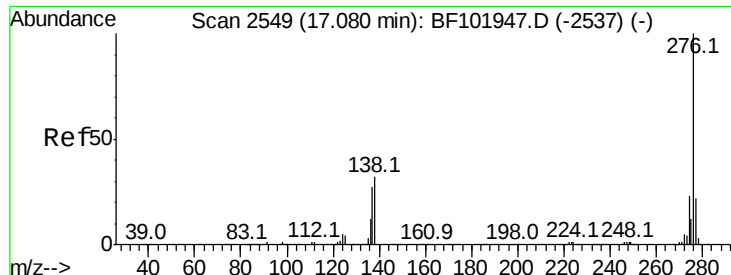
Tot Ion:252 Resp: 873634
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 15.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.247 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF101951.D
Acq: 9 Jan 2018 14:38

Tgt Ion:278 Resp: 680881
Ion Ratio Lower Upper
278 100
139 24.9 15.9 23.9#
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.758 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BF101951.D
 Acq: 9 Jan 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010918

Tot Ion:276 Resp: 676873
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.9 26.9
 138 32.3 21.8 32.8

