

Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102661.D
 Acq On : 31 Jan 2018 18:15
 Operator : SJ/JU
 Sample : PB106208BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 23:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155554	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	670605	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	310552	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	544423	20.00	ng	0.00
75) Chrysene-d12	13.87	240	419061	20.00	ng	0.00
86) Perylene-d12	15.29	264	347593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1202653	117.23	ng	0.01
7) Phenol-d6	6.36	99	1437849	116.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	908036	77.81	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	299771	97.42	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1575349	74.59	ng	0.00
78) Terphenyl-d14	12.81	244	1503893	80.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	184611	37.874	ng	98
3) Pyridine	3.12	79	483177	37.931	ng	99
4) n-Nitrosodimethylamine	3.09	42	226860	45.427	ng	98
6) Aniline	6.37	93	304800	18.632	ng	# 1
8) 2-Chlorophenol	6.50	128	461186	42.884	ng	94
9) Benzaldehyde	6.26	77	180663	22.982	ng	96
10) Phenol	6.37	94	531616	39.371	ng	86
11) bis(2-Chloroethyl)ether	6.45	93	428159	41.691	ng	98
12) 1,3-Dichlorobenzene	6.64	146	481868	37.675	ng	97
13) 1,4-Dichlorobenzene	6.72	146	482422	37.654	ng	99
14) 1,2-Dichlorobenzene	6.87	146	445321	38.000	ng	97
15) Benzyl Alcohol	6.86	79	338729	38.816	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	656061	38.089	ng	# 40
17) 2-Methylphenol	6.97	107	371163	39.740	ng	# 90
18) Hexachloroethane	7.21	117	173040	38.759	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	302976	40.029	ng	98
20) 3+4-Methylphenols	7.13	107	482947	43.965	ng	96
22) Acetophenone	7.12	105	627328	39.242	ng	# 98
24) Nitrobenzene	7.29	77	467609	39.156	ng	99
25) Isophorone	7.53	82	863131	41.489	ng	98
26) 2-Nitrophenol	7.61	139	256984	40.887	ng	94
27) 2,4-Dimethylphenol	7.65	122	410373	44.965	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	545618	42.457	ng	99
29) 2,4-Dichlorophenol	7.86	162	385995	41.520	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	365021	36.629	ng	99
31) Naphthalene	8.01	128	1278398	38.181	ng	100
32) Benzoic acid	7.82	122	241723	31.613	ng	97
33) 4-Chloroaniline	8.07	127	117360	8.335	ng	97
34) Hexachlorobutadiene	8.12	225	188690	35.451	ng	99
35) Caprolactam	8.45	113	71680	23.346	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	410115	41.852	ng	98
37) 2-Methylnaphthalene	8.70	142	867453	38.902	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	340605	36.455	ng	99
40) Hexachlorocyclopentadiene	8.85	237	215413	51.518	ng	98

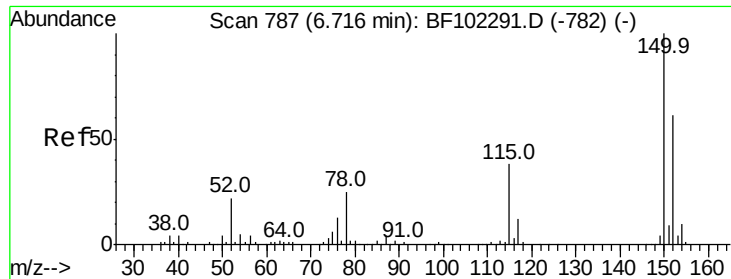
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	233030	37.257	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	251643	35.733	ng	98
45) 1,1'-Biphenyl	9.16	154	1015714	36.578	ng	99
46) 2-Chloronaphthalene	9.19	162	776335	35.968	ng	98
47) 2-Nitroaniline	9.30	65	264816	39.354	ng	99
48) Acenaphthylene	9.60	152	1176410	34.985	ng	99
49) Dimethylphthalate	9.47	163	930184	36.238	ng	99
50) 2,6-Dinitrotoluene	9.54	165	210261	37.993	ng	97
51) Acenaphthene	9.77	154	704617	35.879	ng	100
52) 3-Nitroaniline	9.71	138	122987	18.785	ng	91
53) 2,4-Dinitrophenol	9.83	184	165361	67.214	ng	# 18
54) Dibenzofuran	9.95	168	1006465	37.867	ng	97
55) 4-Nitrophenol	9.90	139	250235	57.903	ng	95
56) 2,4-Dinitrotoluene	9.95	165	254229	37.355	ng	# 95
57) Fluorene	10.29	166	824631	39.154	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	195378	38.857	ng	96
59) Diethylphthalate	10.17	149	905857	36.316	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	354655	38.840	ng	98
61) 4-Nitroaniline	10.33	138	226486	34.668	ng	89
62) Azobenzene	10.44	77	874625	38.297	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	122302	33.672	ng	86
65) n-Nitrosodiphenylamine	10.40	169	756512	37.859	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	225830	38.533	ng	93
67) Hexachlorobenzene	10.83	284	226898	34.617	ng	97
68) Atrazine	10.93	200	242428	41.077	ng	97
69) Pentachlorophenol	11.04	266	181910	52.832	ng	98
70) Phenanthrene	11.25	178	1186058	37.386	ng	100
71) Anthracene	11.30	178	1237292	38.210	ng	100
72) Carbazole	11.46	167	1197581	37.910	ng	99
73) Di-n-butylphthalate	11.78	149	1457158	36.902	ng	99
74) Fluoranthene	12.44	202	1238888	38.295	ng	99
76) Benzidine	12.56	184	426350	30.285	ng	98
77) Pyrene	12.67	202	1248132	38.522	ng	99
79) Butylbenzylphthalate	13.28	149	646371	40.087	ng	96
80) Benzo(a)anthracene	13.86	228	1056369	40.944	ng	100
81) 3,3'-Dichlorobenzidine	13.82	252	217205	22.950	ng	99
82) Chrysene	13.89	228	1014897	38.737	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	860784	39.724	ng	99
84) Di-n-octyl phthalate	14.44	149	1398127	39.675	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	754967	34.891	ng	97
87) Benzo(b)fluoranthene	14.89	252	936293	41.559	ng	98
88) Benzo(k)fluoranthene	14.91	252	786678	36.959	ng	99
89) Benzo(a)pyrene	15.23	252	800472	39.395	ng	98
90) Dibenzo(a,h)anthracene	16.69	278	619551	37.641	ng	96
91) Benzo(g,h,i)perylene	17.11	276	654862	40.295	ng	99

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

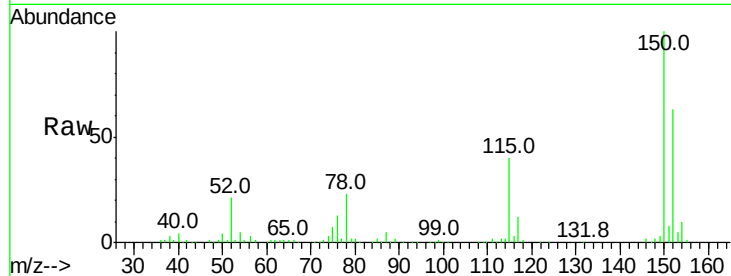


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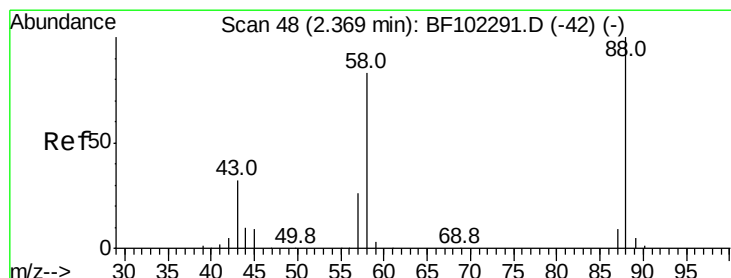
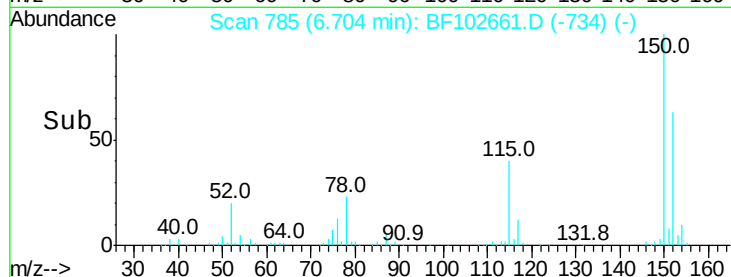
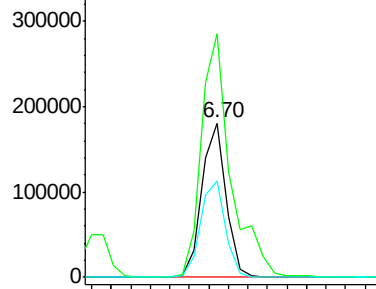
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155554
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.4 50.1 75.1



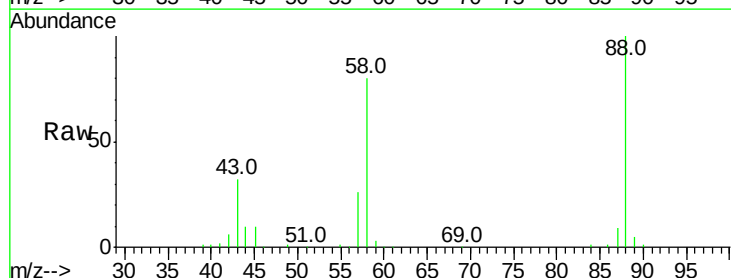
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



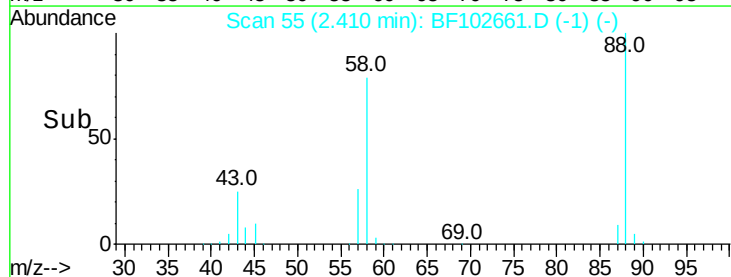
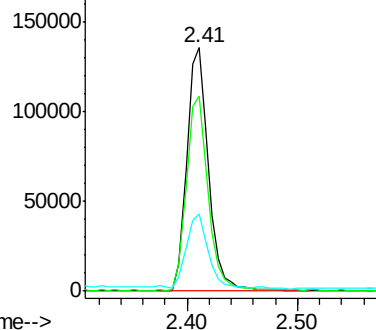
#2

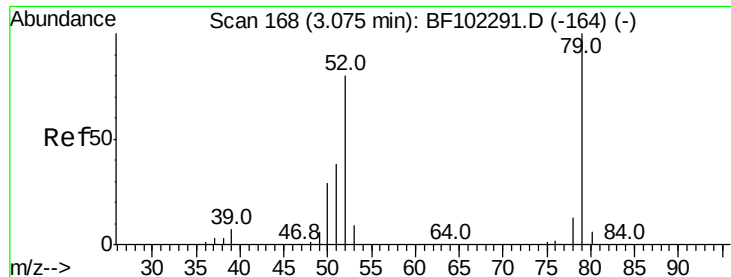
1,4-Dioxane
Concen: 37.874 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.05 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion: 88 Resp: 184611
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 31.7 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: 37.931 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.06 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampled :

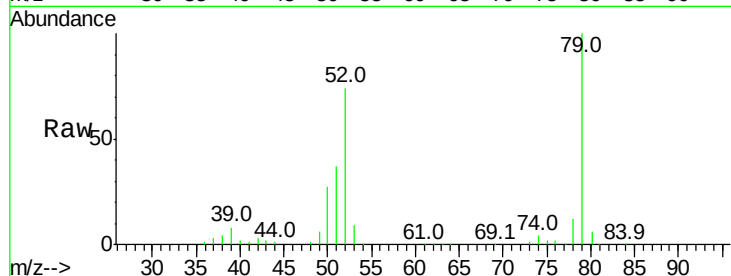
Tot Ion: 79 Resp: 483177

Ion Ratio Lower Upper

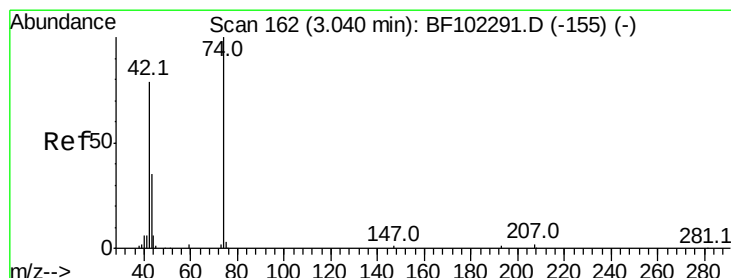
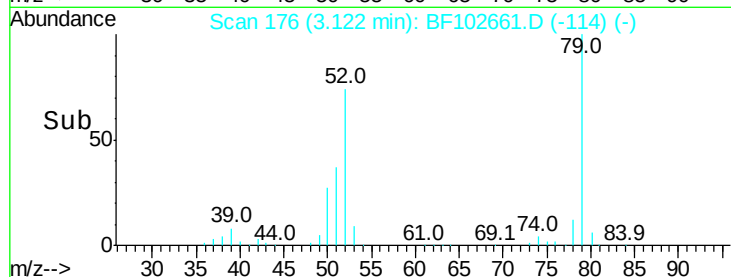
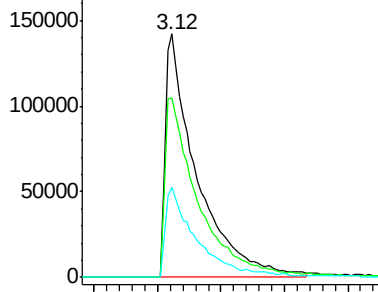
79 100

52 73.6 59.8 89.6

51 36.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.427 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.05 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

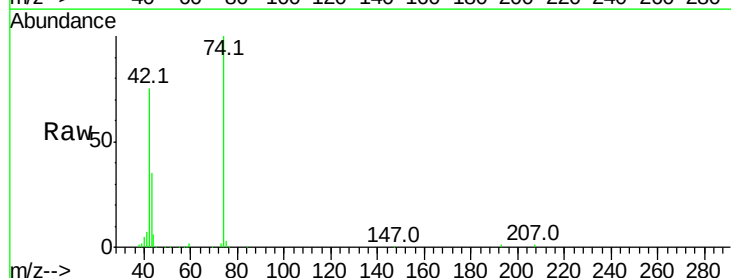
Tgt Ion: 42 Resp: 226860

Ion Ratio Lower Upper

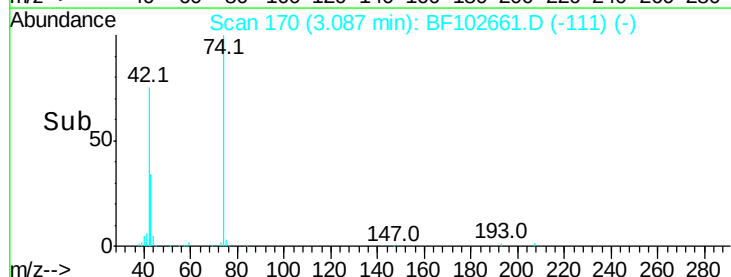
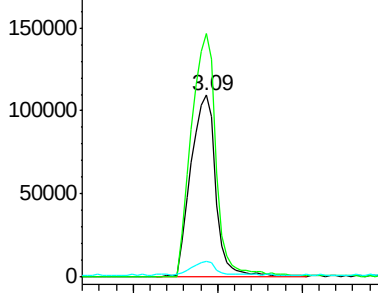
42 100

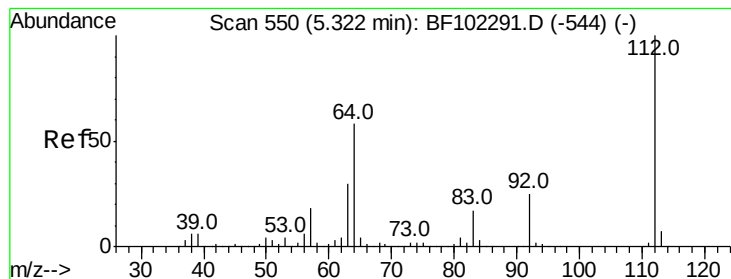
74 133.8 104.9 157.3

44 8.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.228 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

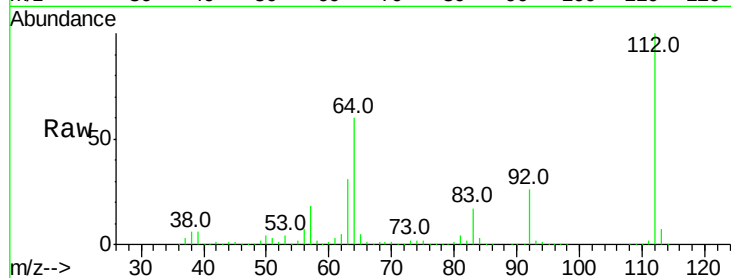
Tot Ion:112 Resp: 1202653

Ion Ratio Lower Upper

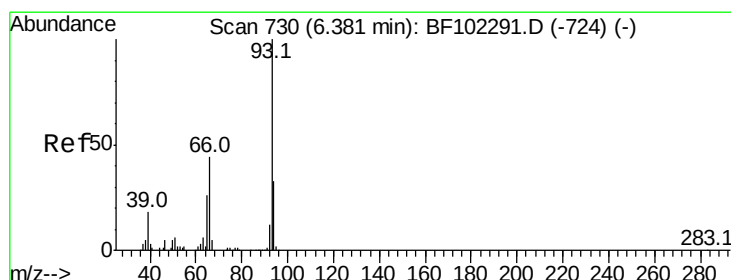
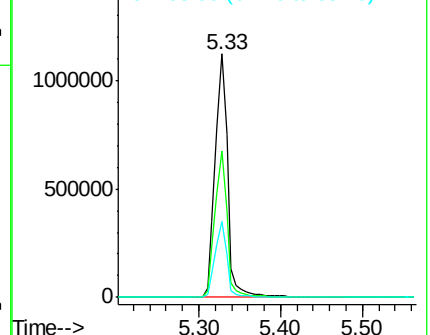
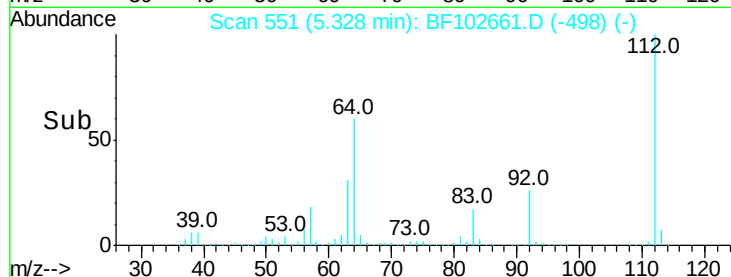
112 100

64 60.3 47.9 71.9

63 31.0 23.7 35.5



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



#6

Aniline

Concen: 18.632 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

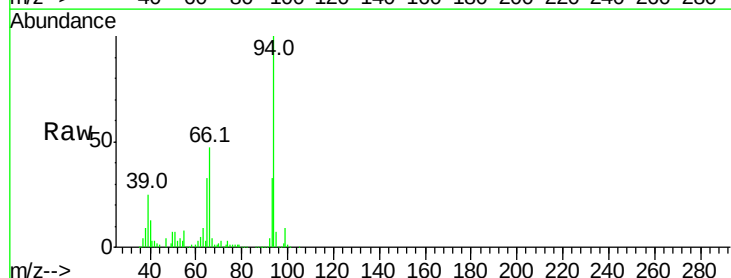
Tgt Ion: 93 Resp: 304800

Ion Ratio Lower Upper

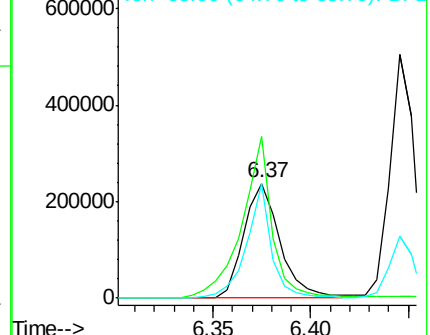
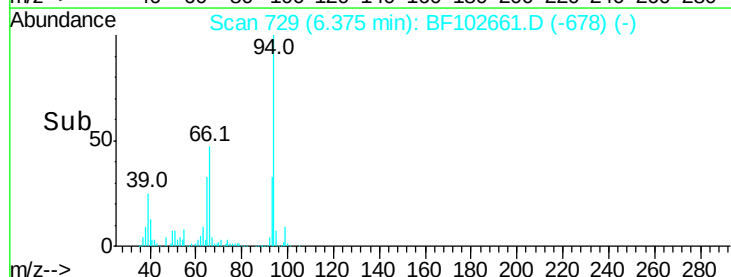
93 100

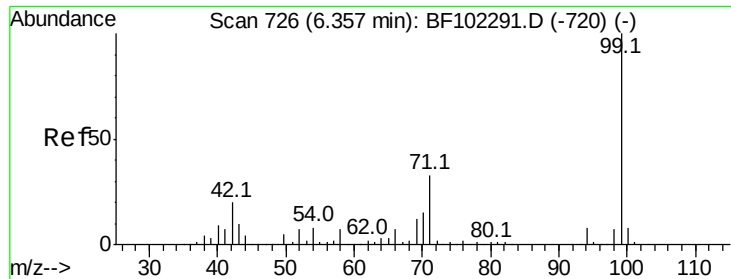
66 140.6 32.2 48.2#

65 99.8 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.254 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampled :

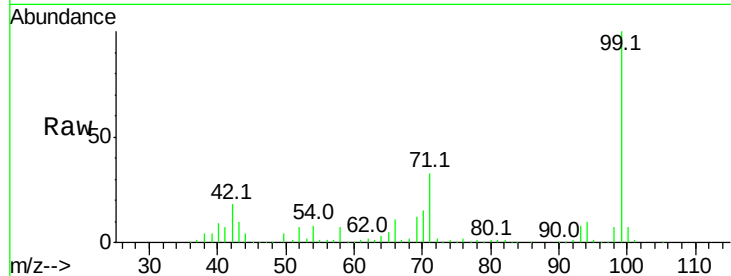
Tot Ion: 99 Resp: 1437849

Ion Ratio Lower Upper

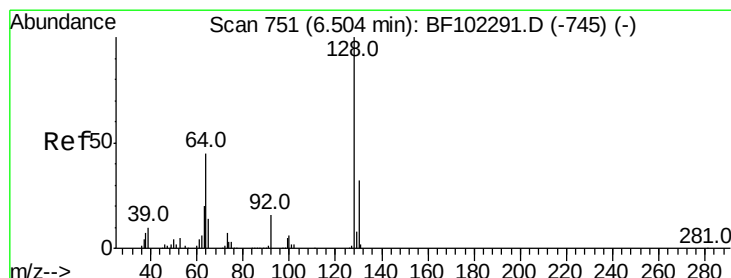
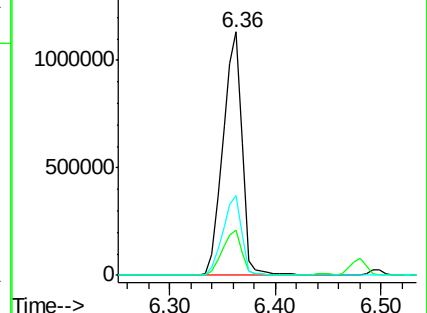
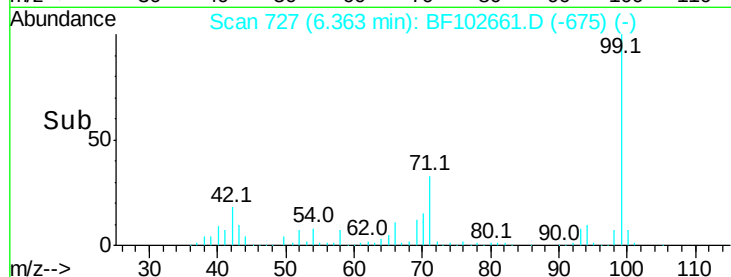
99 100

42 18.3 14.5 21.7

71 32.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 42.884 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

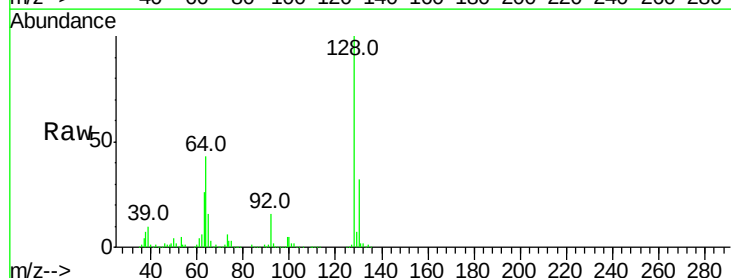
Tgt Ion:128 Resp: 461186

Ion Ratio Lower Upper

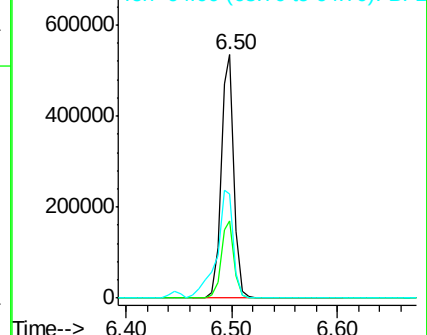
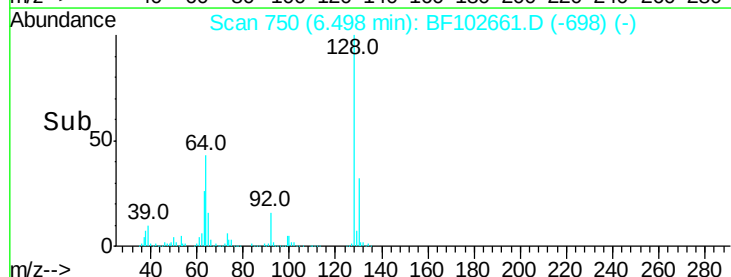
128 100

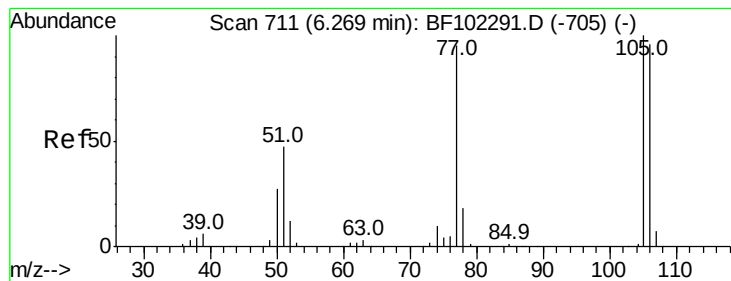
130 32.0 13.0 53.0

64 42.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 22.982 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampled :

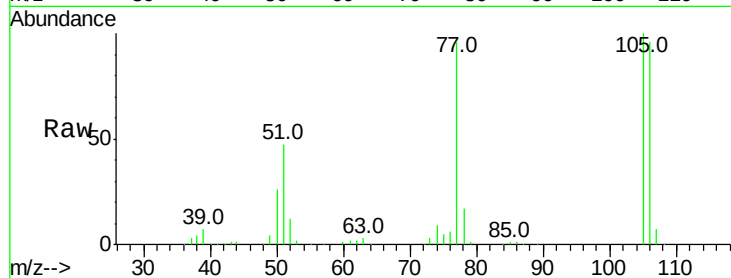
Tot Ion: 77 Resp: 180663

Ion Ratio Lower Upper

77 100

105 103.8 81.1 121.1

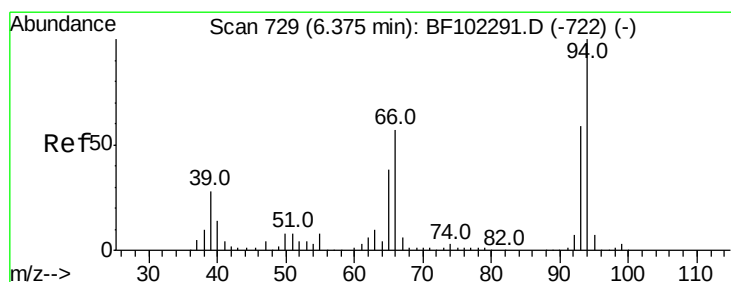
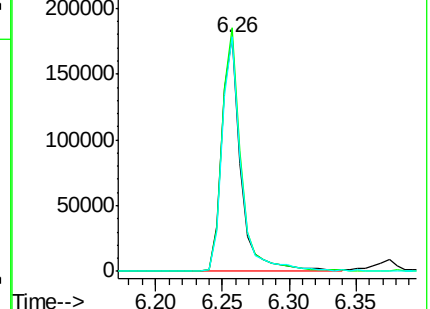
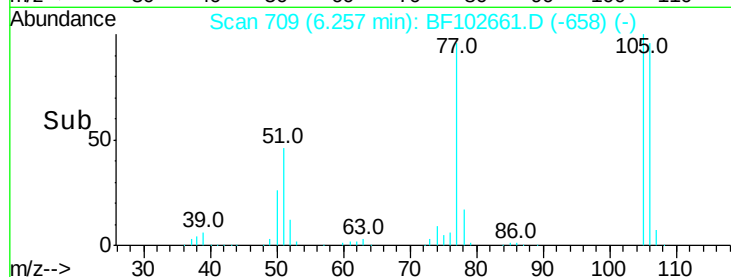
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.371 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

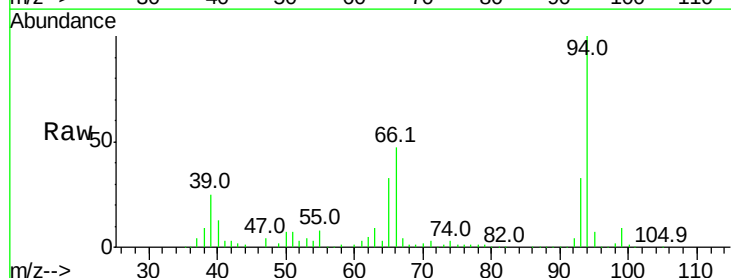
Tgt Ion: 94 Resp: 531616

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

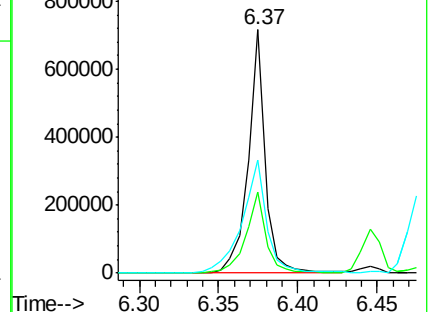
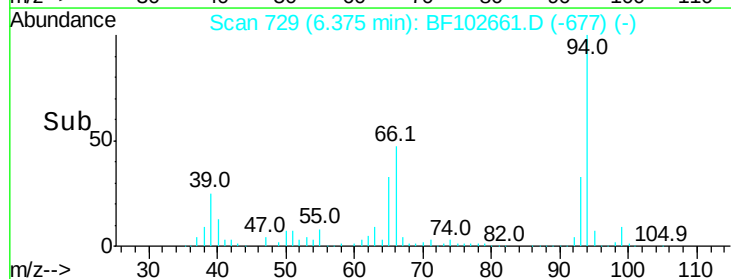
66 46.6 16.2 56.2

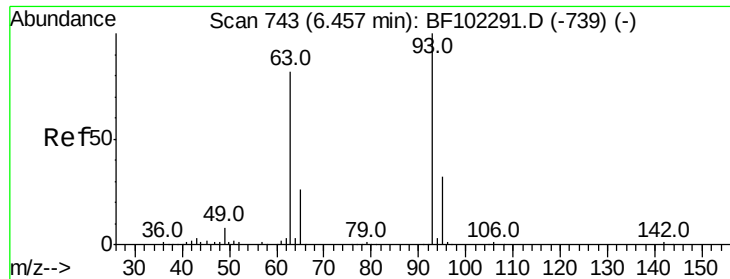


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.691 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

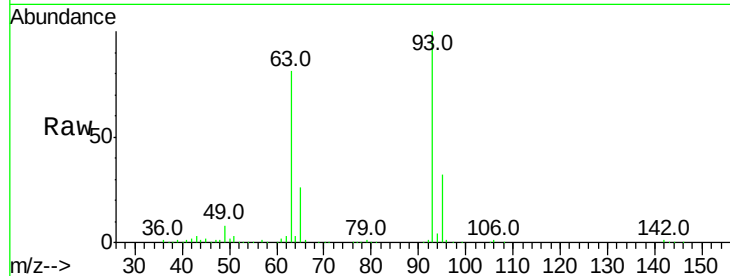
Tot Ion: 93 Resp: 428159

Ion Ratio Lower Upper

93 100

63 80.9 58.6 98.6

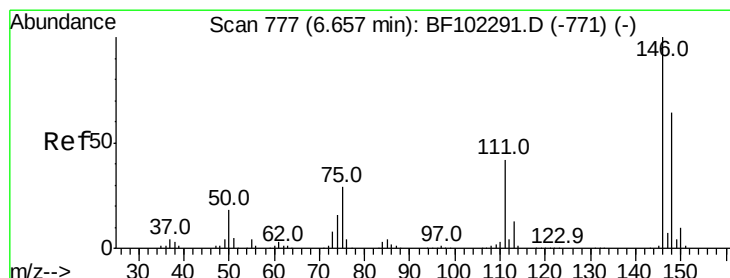
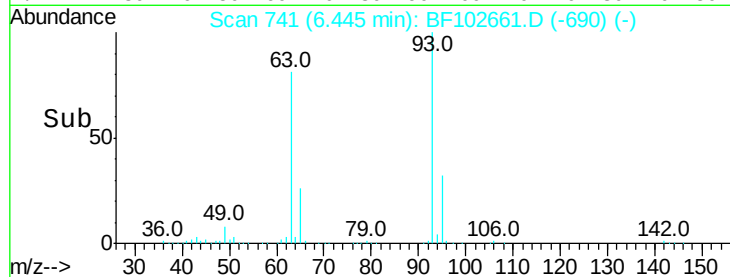
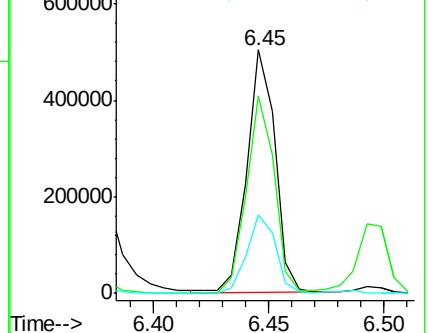
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.675 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

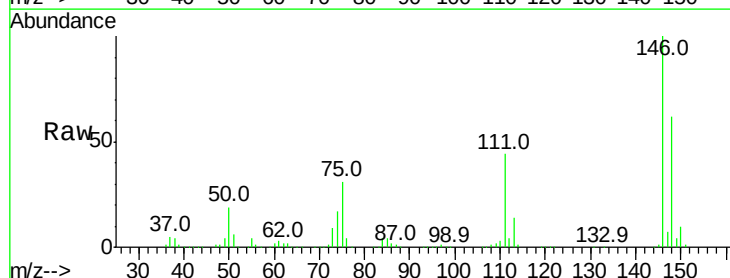
Tgt Ion: 146 Resp: 481868

Ion Ratio Lower Upper

146 100

148 61.8 51.8 77.8

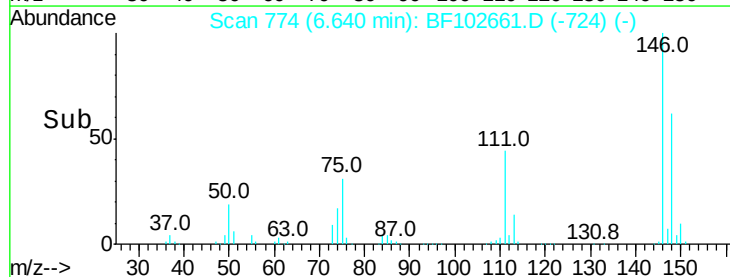
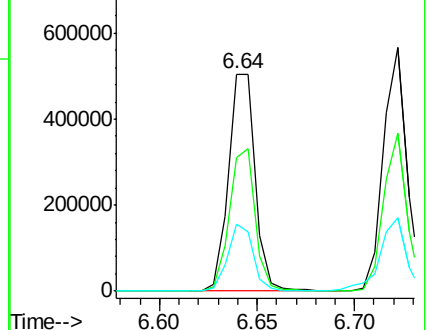
75 30.6 24.2 36.4

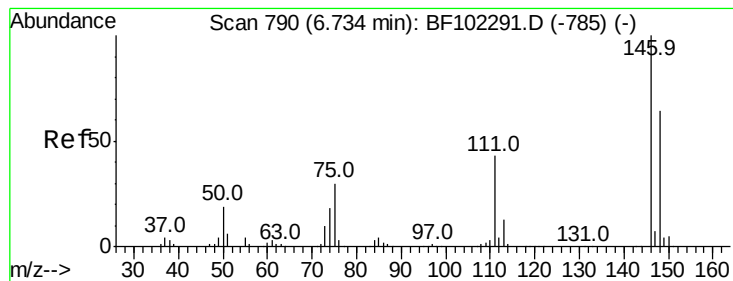


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.654 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampled :

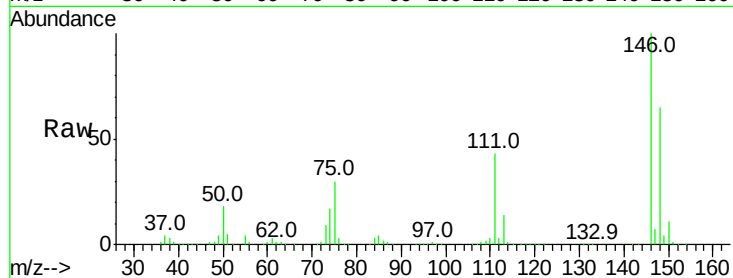
Tot Ion:146 Resp: 482422

Ion Ratio Lower Upper

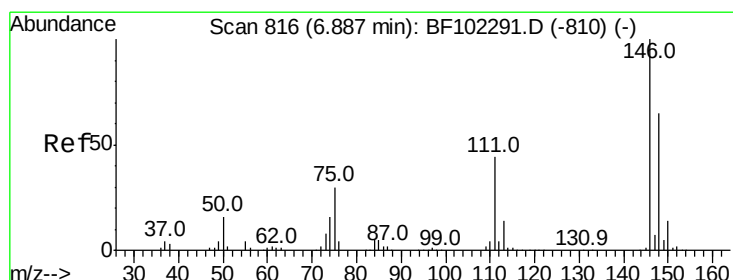
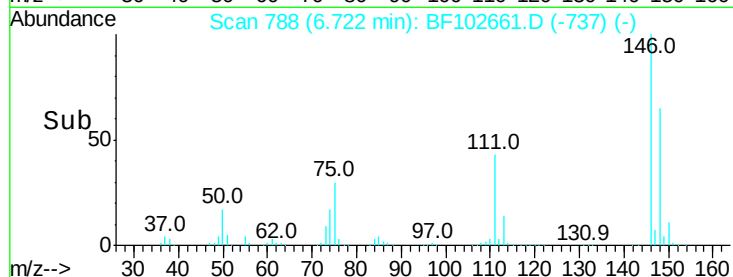
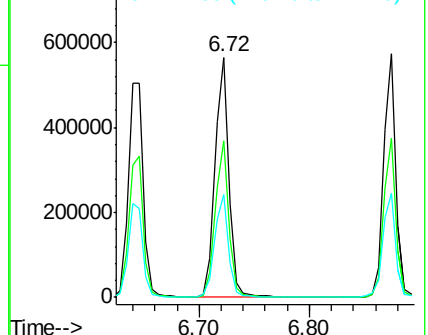
146 100

148 65.1 50.8 76.2

111 43.0 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.000 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

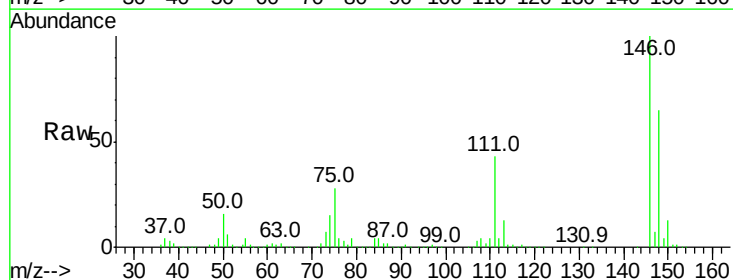
Tgt Ion:146 Resp: 445321

Ion Ratio Lower Upper

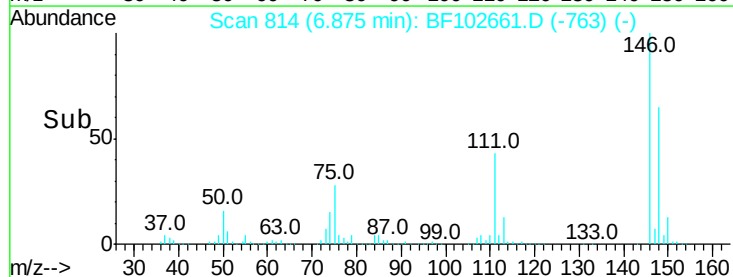
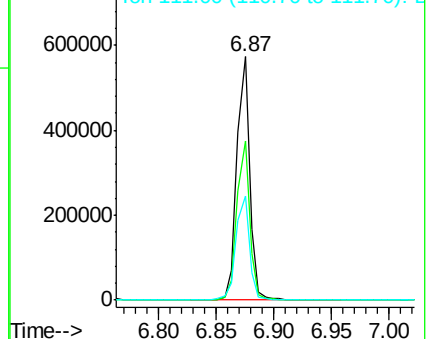
146 100

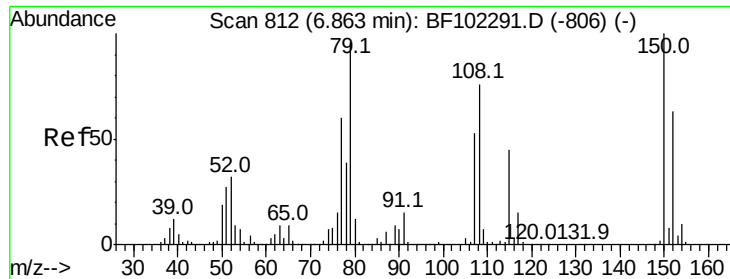
148 65.2 50.6 75.8

111 42.6 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

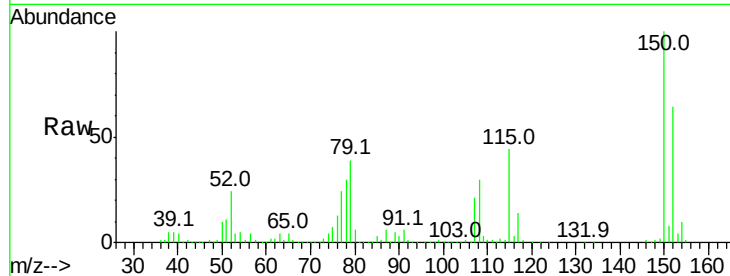




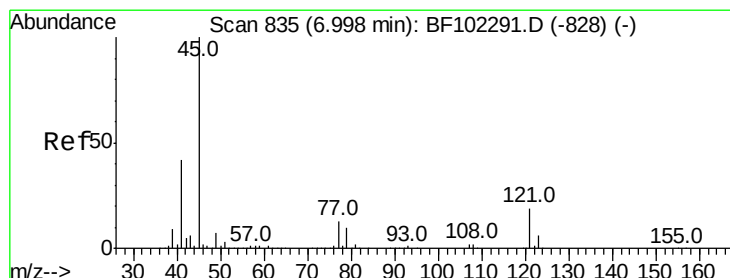
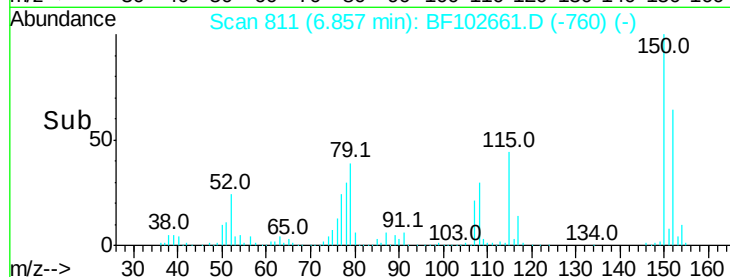
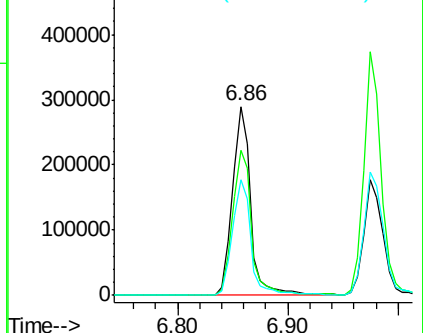
#15
Benzyl Alcohol
Concen: 38.816 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 338729
Ion Ratio Lower Upper
79 100
108 76.9 65.1 97.7
77 61.1 50.6 75.8

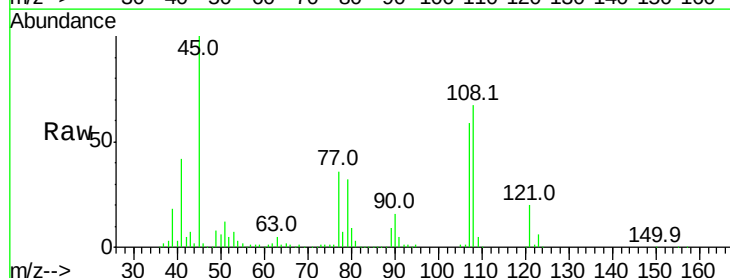


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

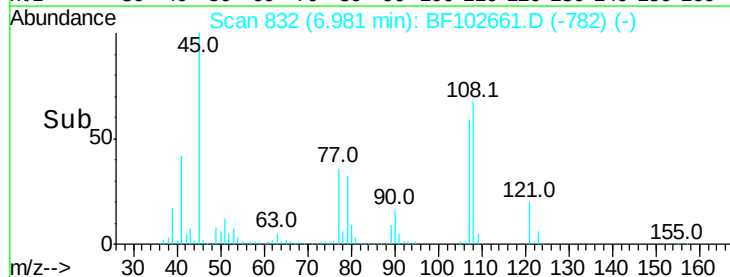
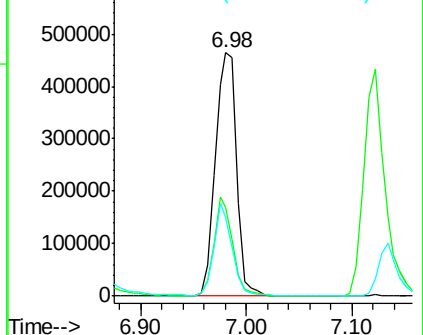


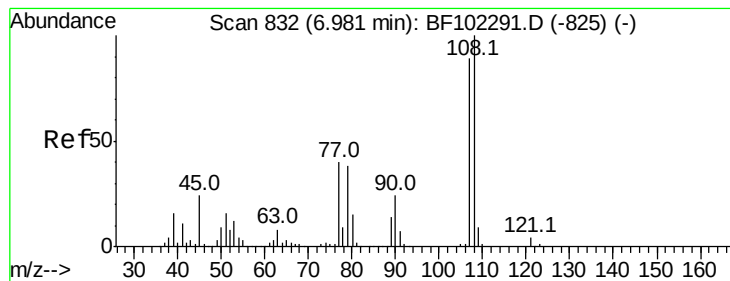
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.089 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion: 45 Resp: 656061
Ion Ratio Lower Upper
45 100
77 36.2 0.0 32.9#
79 32.4 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.740 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 371163

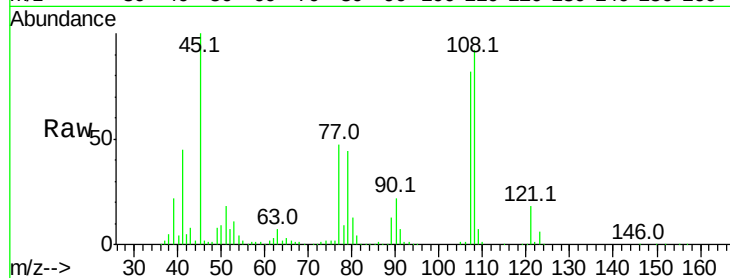
Ion Ratio Lower Upper

107 100

108 112.1 91.7 137.5

77 57.0 33.8 50.8#

79 53.2 33.8 50.8#

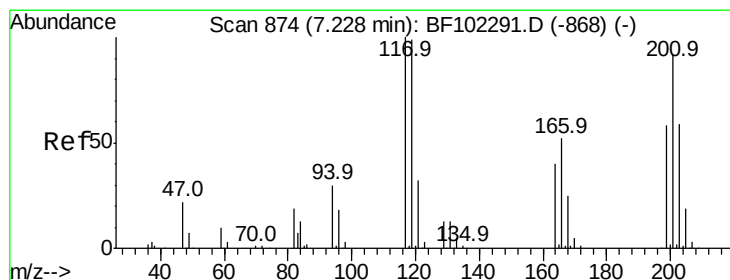
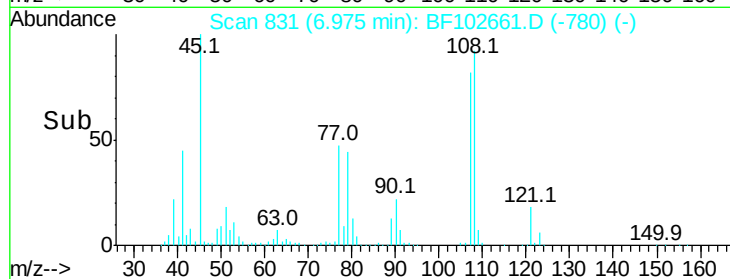
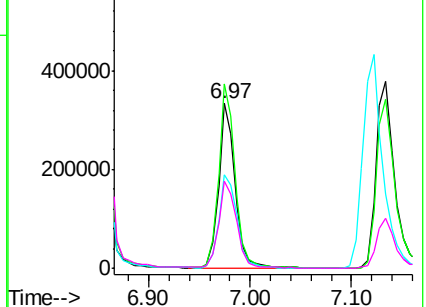


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.759 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

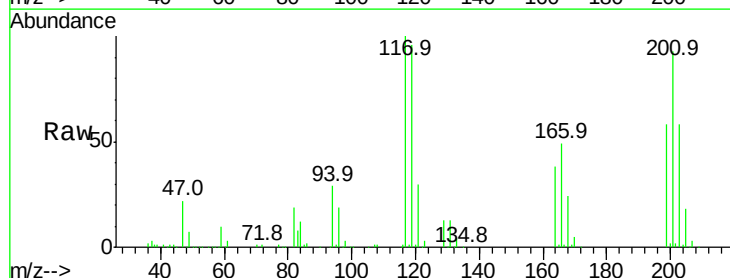
Tgt Ion:117 Resp: 173040

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

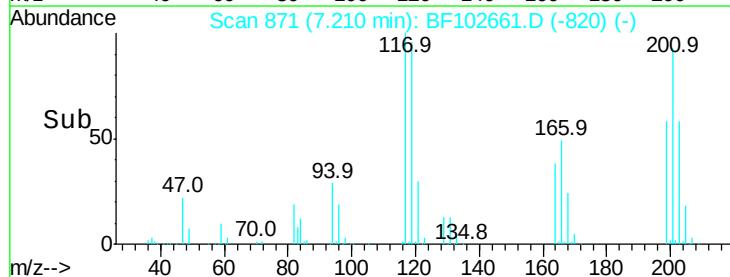
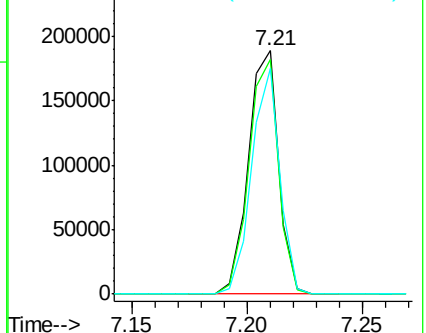
201 92.8 75.7 113.5

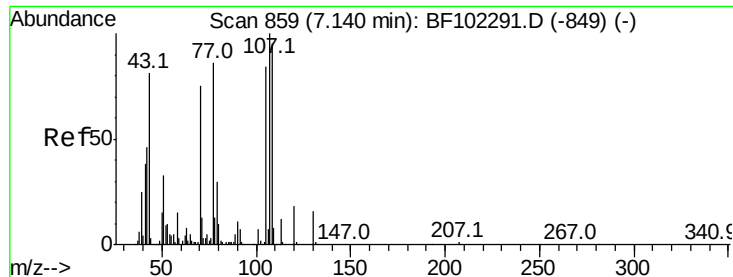


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

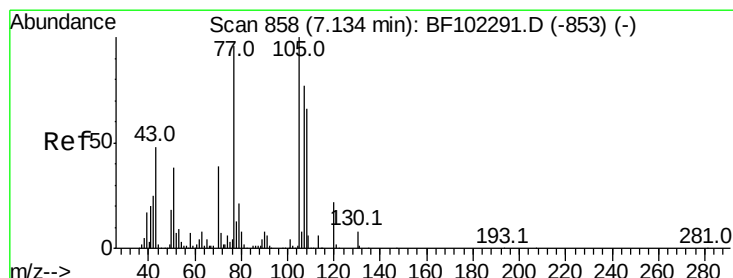
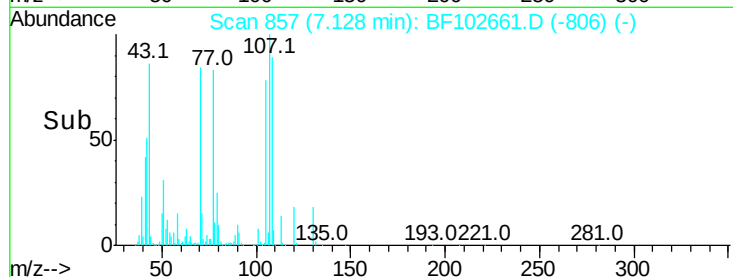
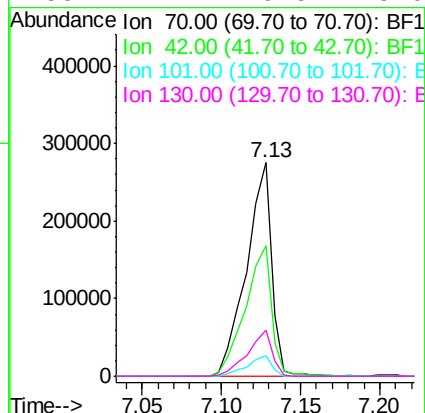
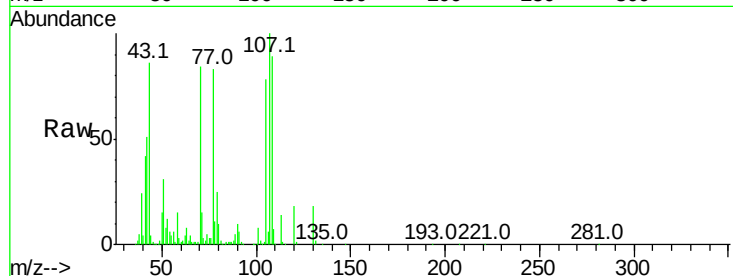




#19
n-Nitroso-di-n-propylamine
Concen: 40.029 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

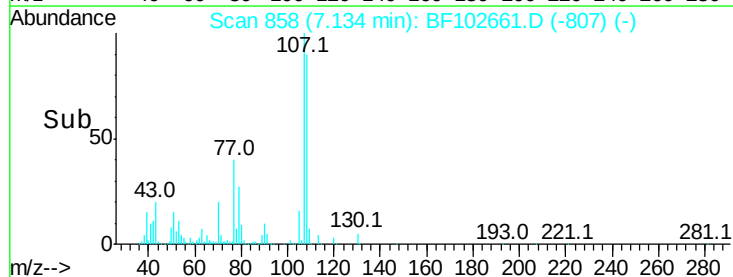
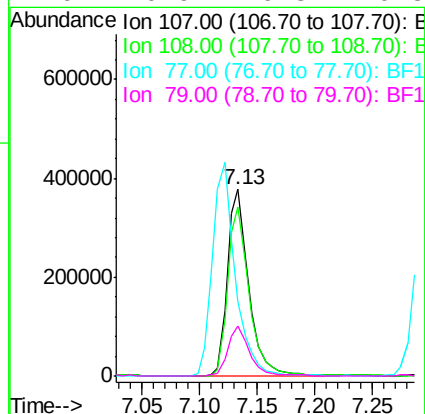
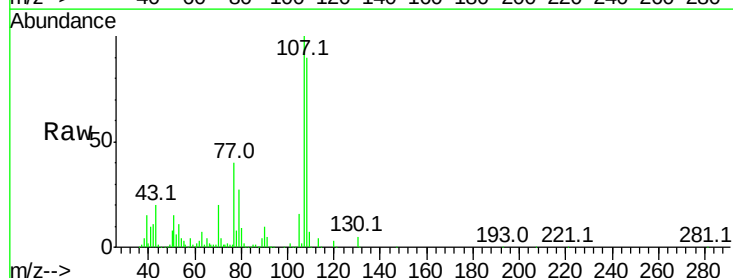
Instrument :
BNA_F
ClientSampleId :

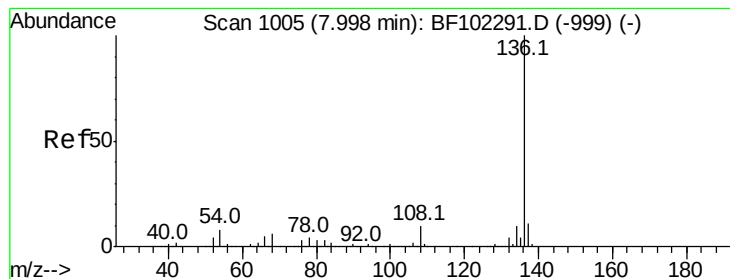
Tot Ion:	70	Resp:	302976
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.5	71.3
101	9.7	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.965 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:	107	Resp:	482947
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	39.8	26.7	66.7
79	26.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 670605

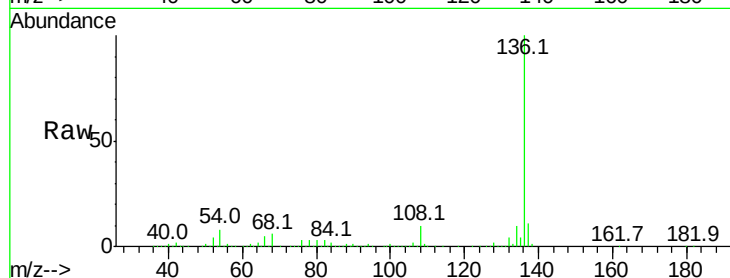
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4

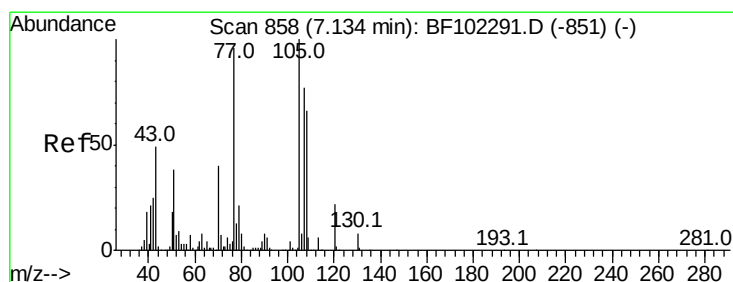
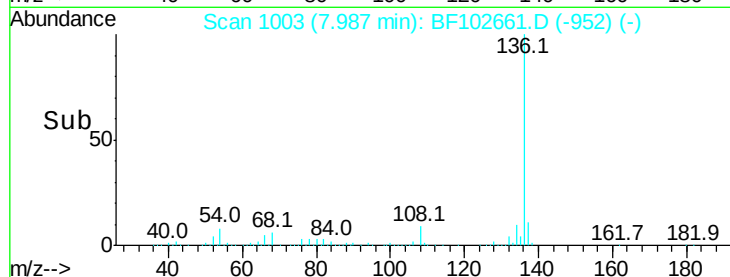
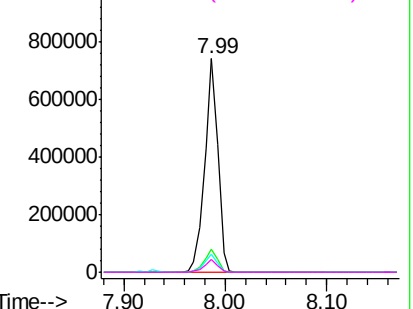


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.242 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Tgt Ion:105 Resp: 627328

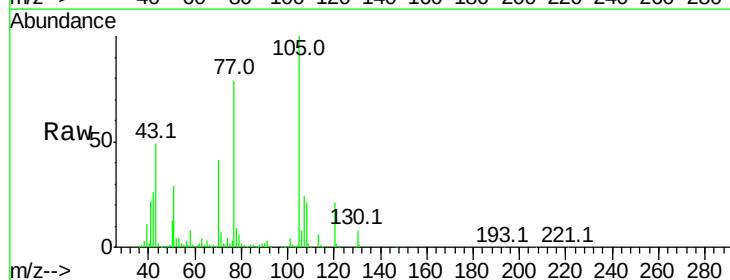
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 29.5 22.3 33.5

120 21.3 16.9 25.3

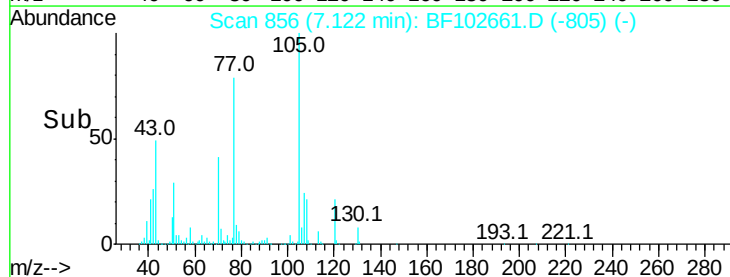
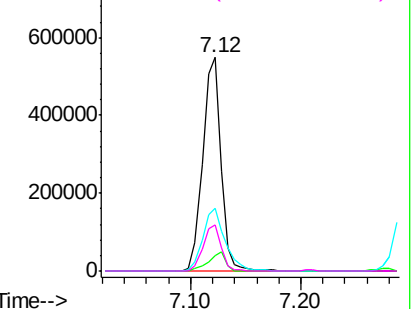


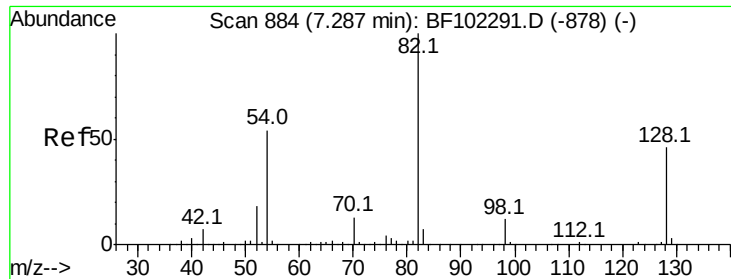
Abundance Ion 105.00 (104.70 to 105.70): E

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

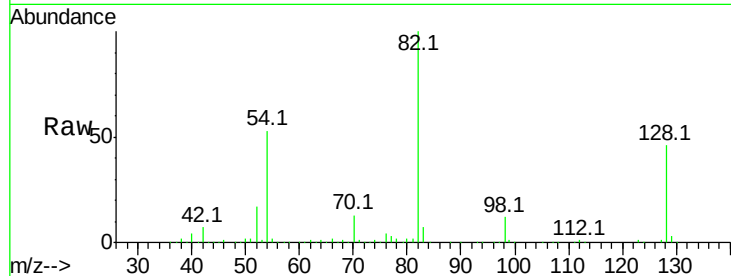




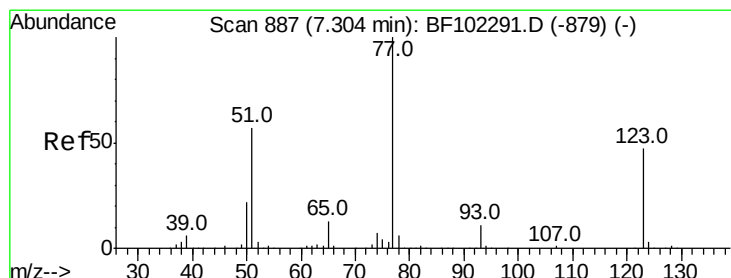
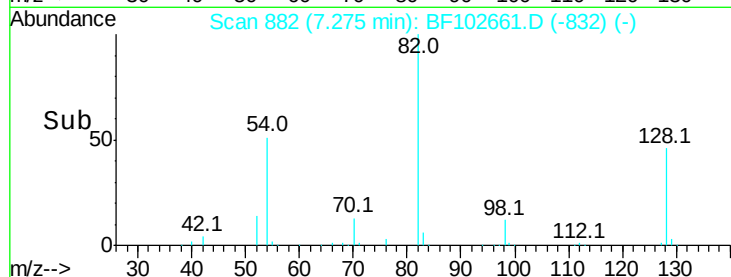
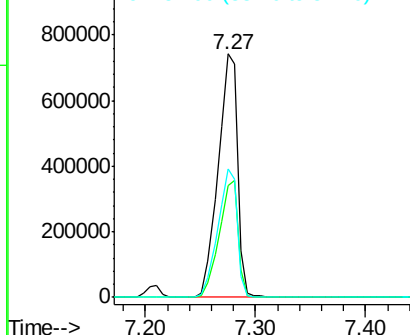
#23
 Nitrobenzene-d5
 Concen: 77.813 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 908036
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 53.0 41.4 62.2

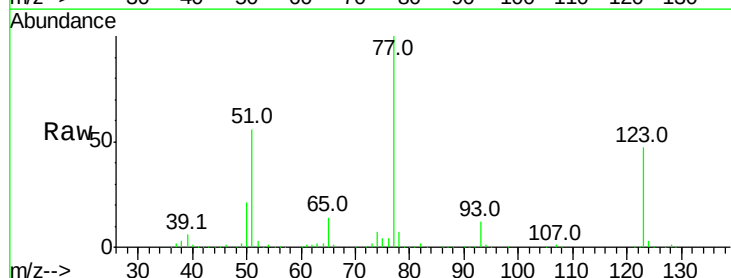


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

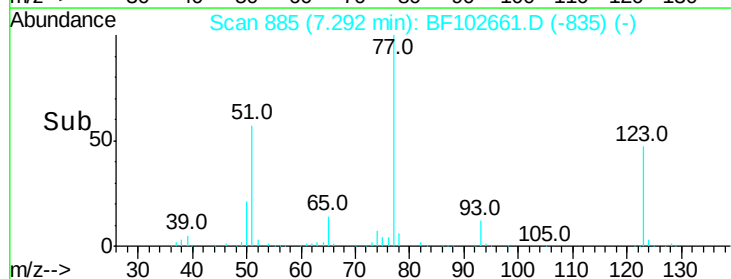
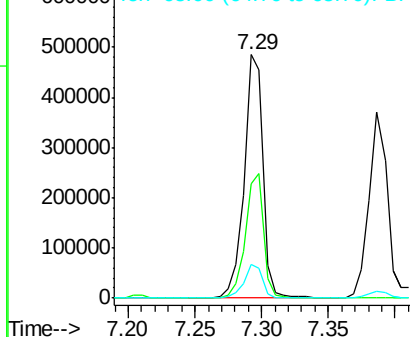


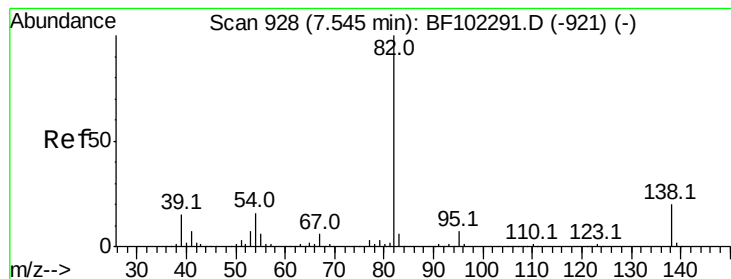
#24
 Nitrobenzene
 Concen: 39.156 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion: 77 Resp: 467609
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.9 56.9
 65 14.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.489 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

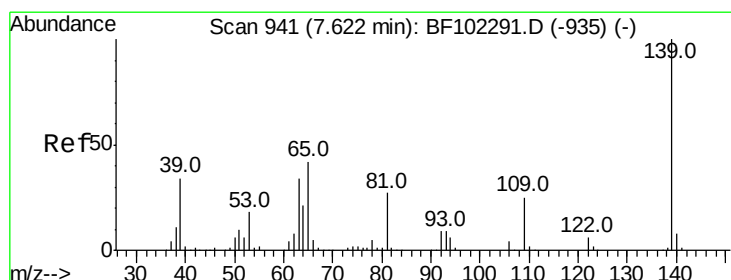
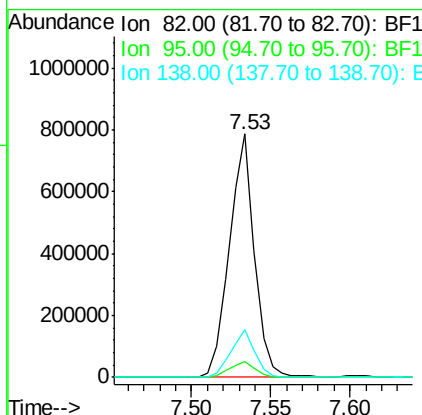
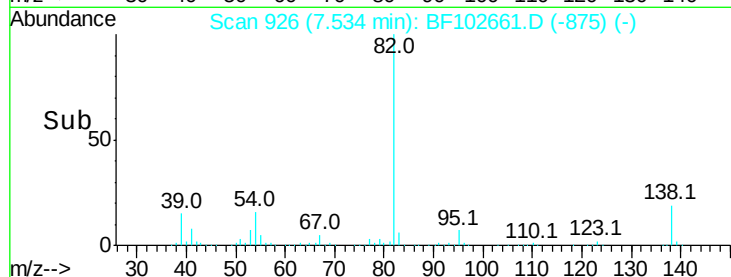
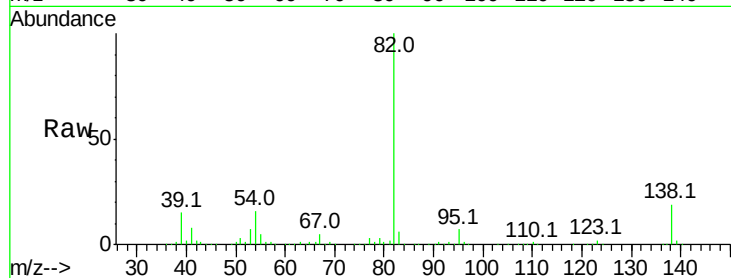
Tot Ion: 82 Resp: 863131

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 40.887 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

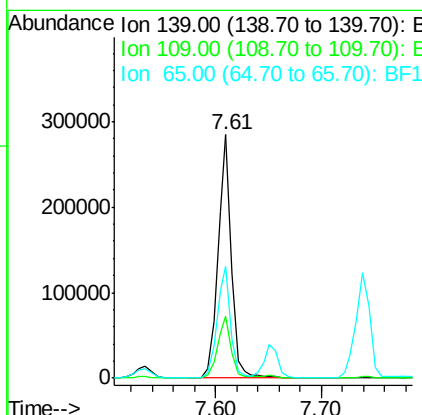
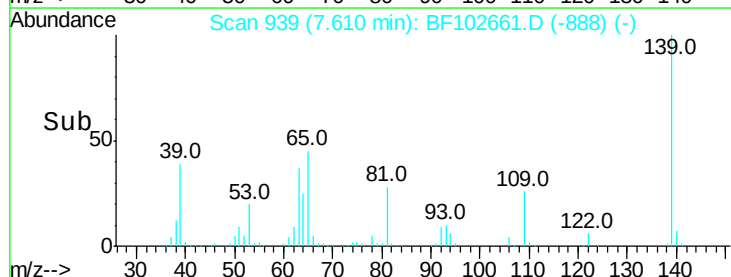
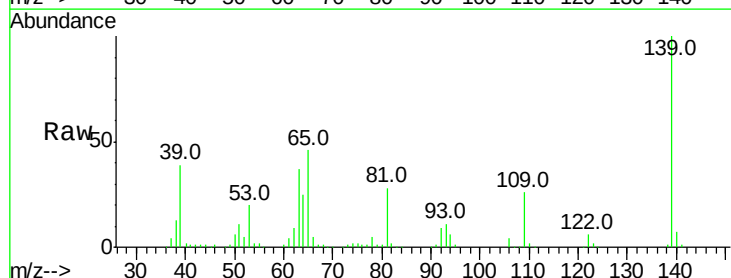
Tgt Ion: 139 Resp: 256984

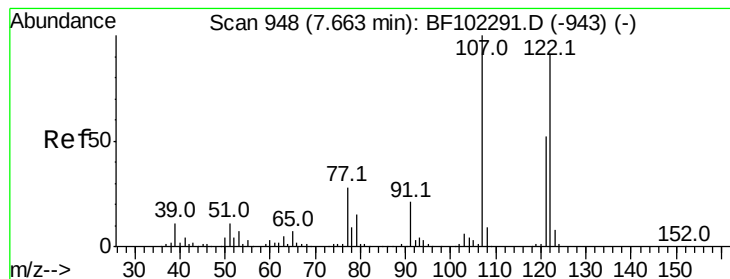
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 46.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.965 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampled :

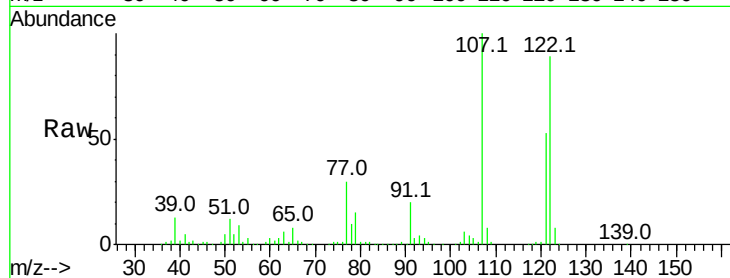
Tot Ion:122 Resp: 410373

Ion Ratio Lower Upper

122 100

107 112.8 91.2 136.8

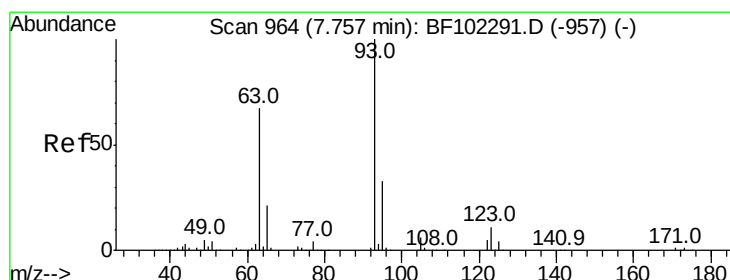
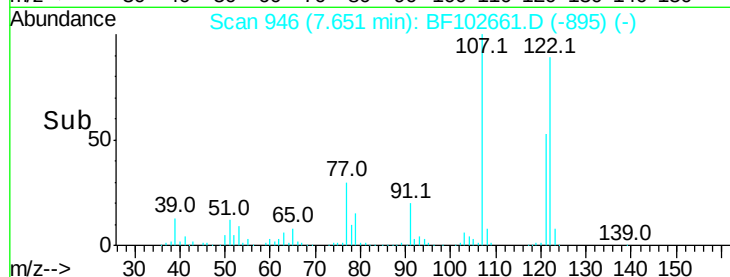
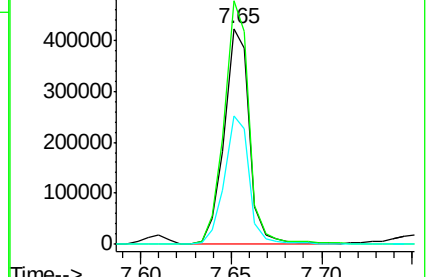
121 59.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.457 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

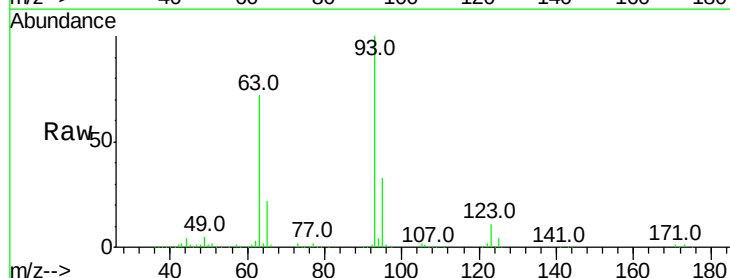
Tgt Ion: 93 Resp: 545618

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

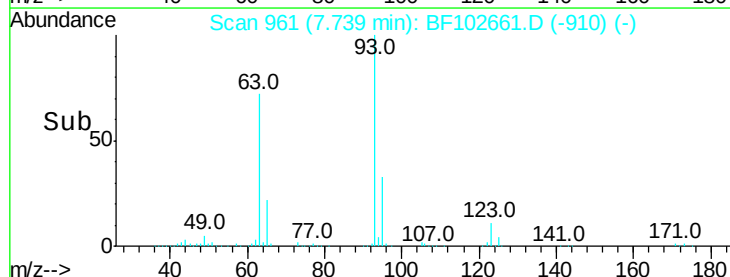
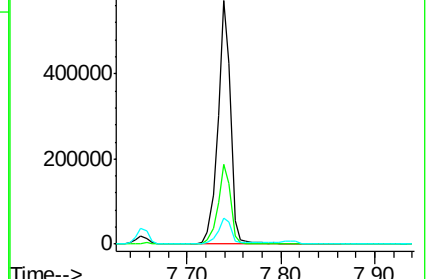
123 10.9 9.8 14.6

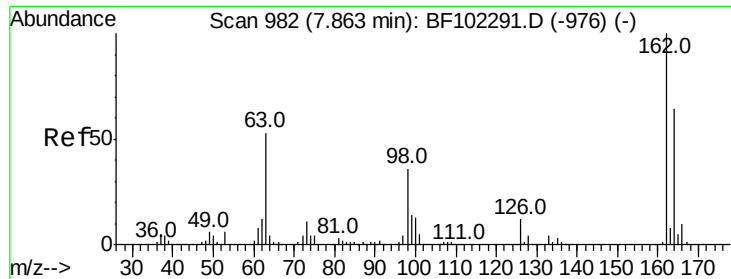


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

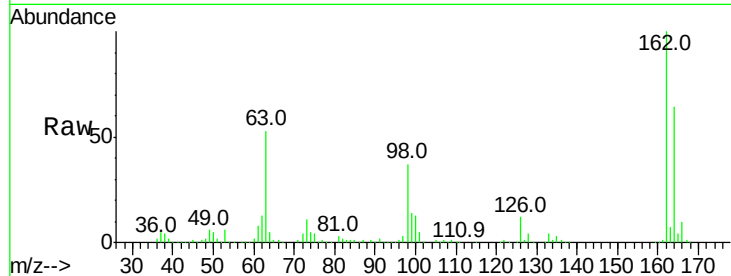




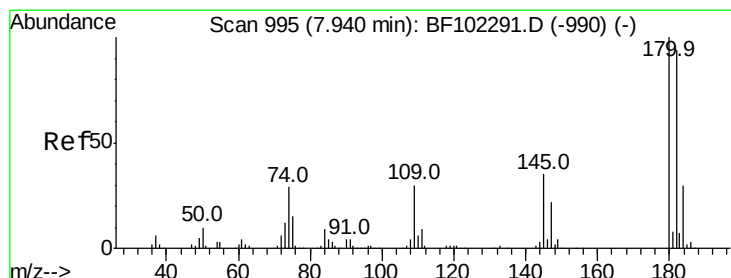
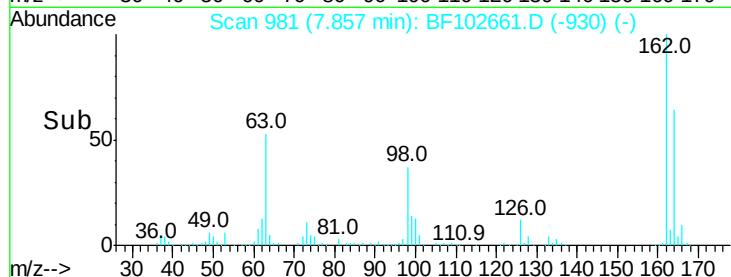
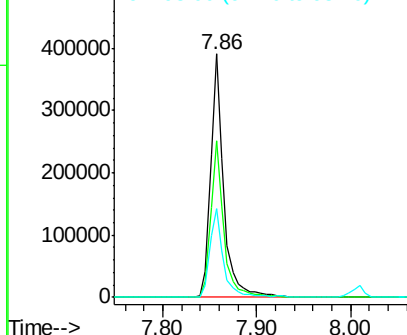
#29
 2,4-Dichlorophenol
 Concen: 41.520 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	36.5	18.1	58.1

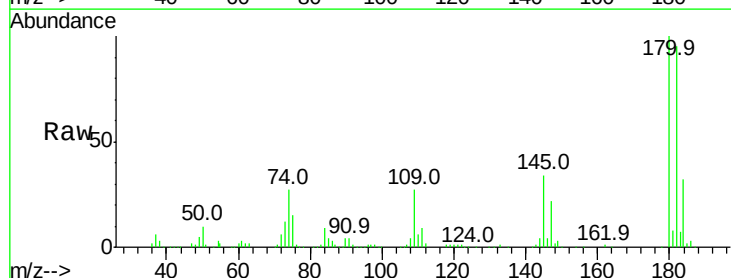


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

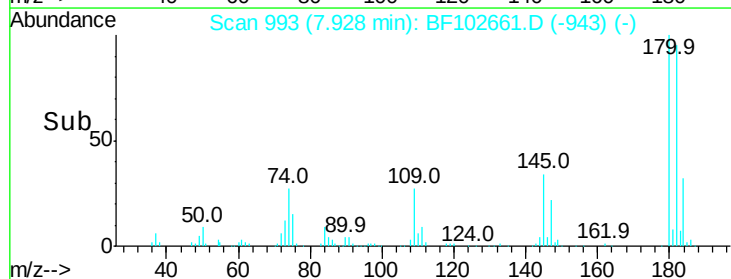
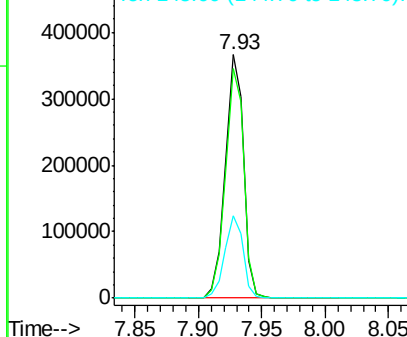


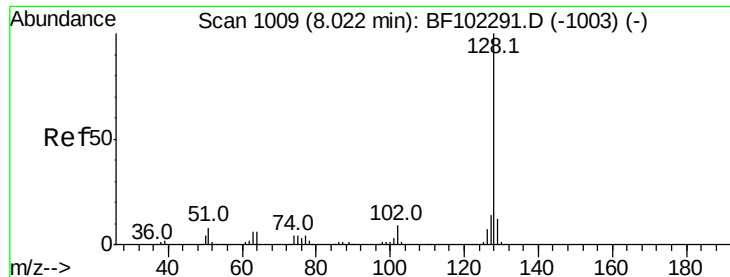
#30
 1,2,4-Trichlorobenzene
 Concen: 36.629 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	33.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

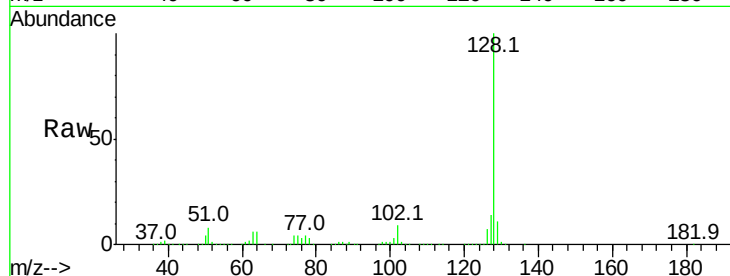




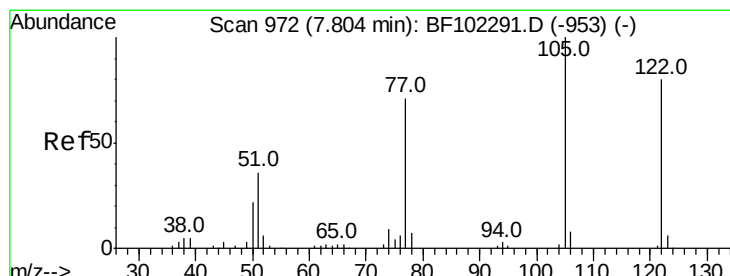
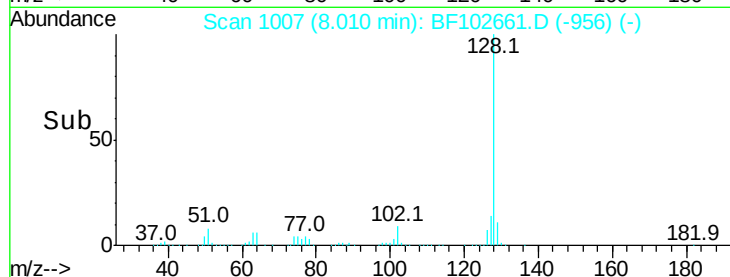
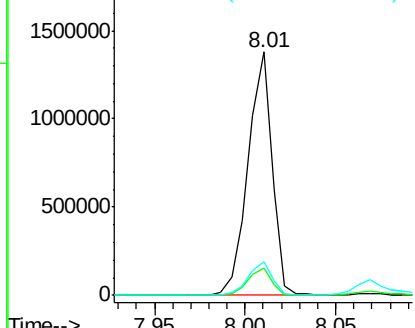
#31
Naphthalene
Concen: 38.181 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1278398
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.9 16.3

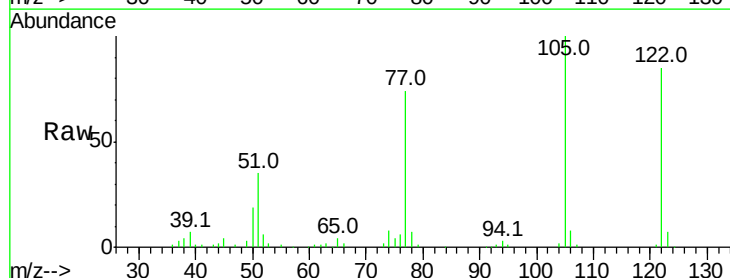


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

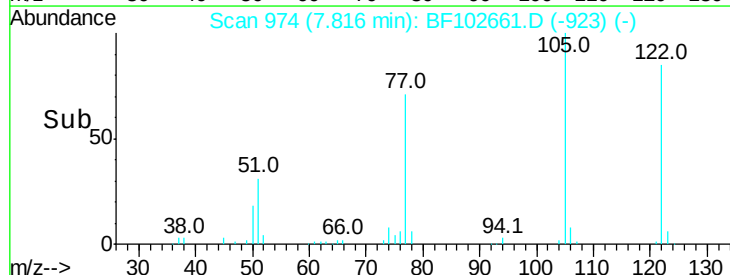
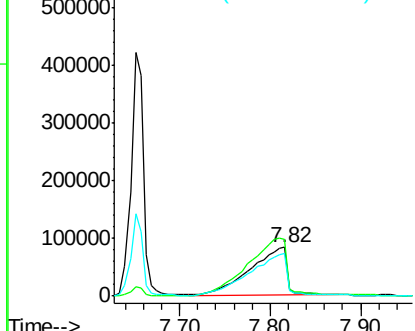


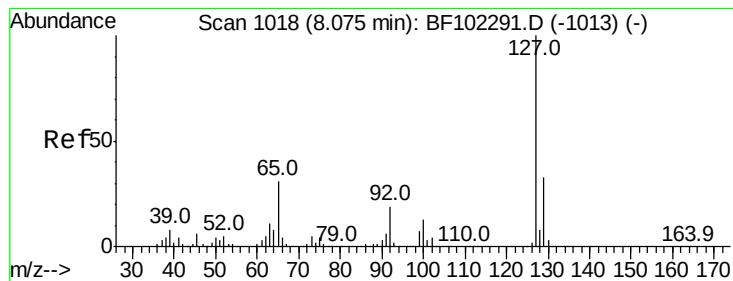
#32
Benzoic acid
Concen: 31.613 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:122 Resp: 241723
Ion Ratio Lower Upper
122 100
105 118.2 101.1 141.1
77 87.9 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: 8.335 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 117360

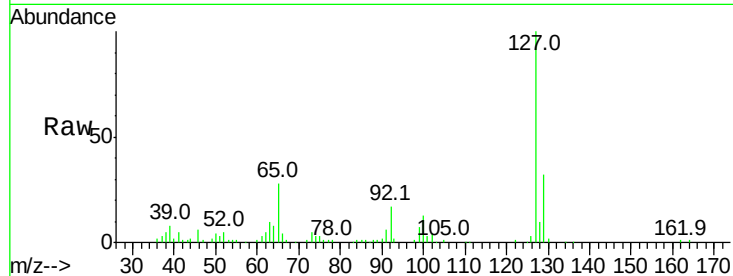
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 28.3 25.0 37.4

92 17.5 15.2 22.8

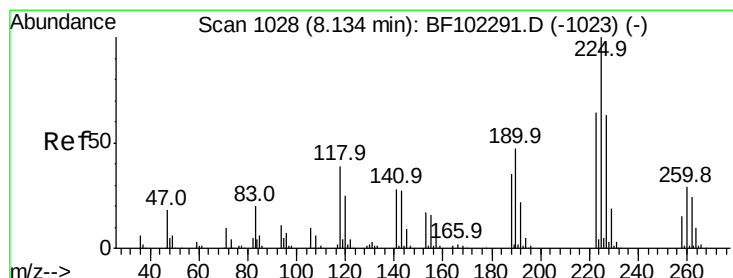
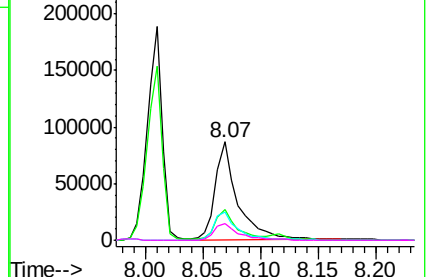
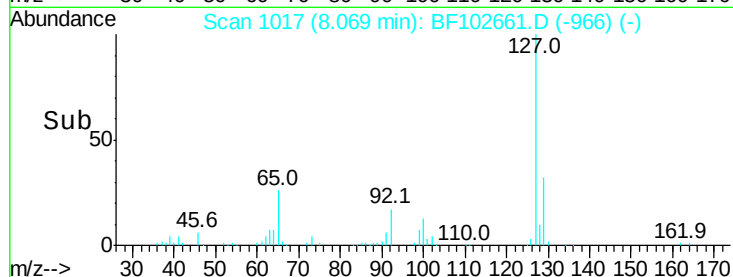


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.451 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

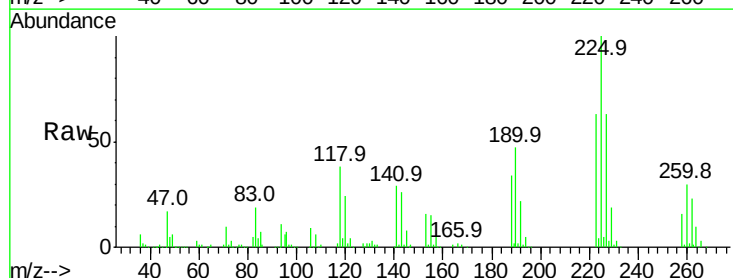
Tgt Ion:225 Resp: 188690

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

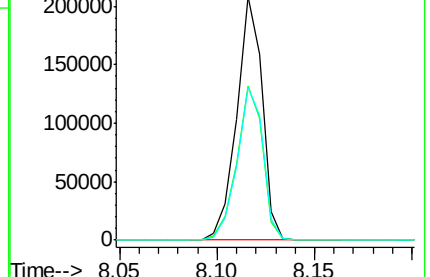
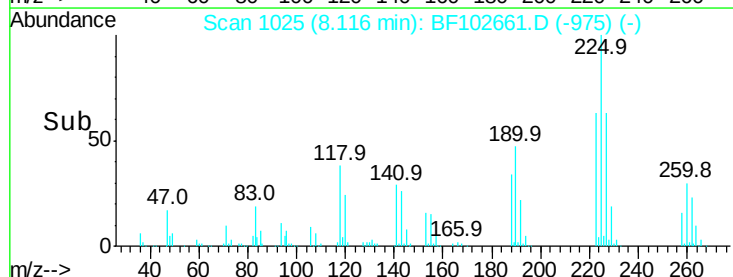
227 62.6 51.9 77.9

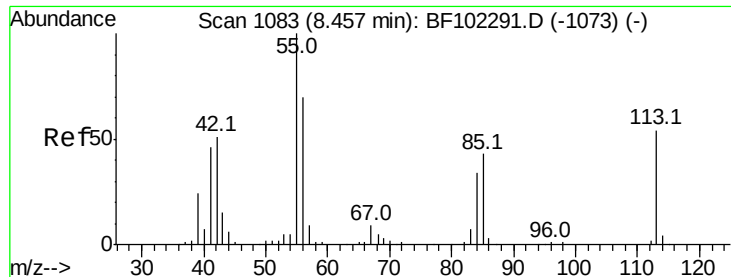


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.346 ng

RT: 8.45 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

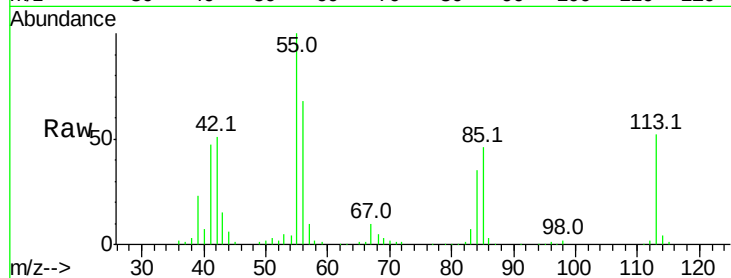
Tot Ion:113 Resp: 71680

Ion Ratio Lower Upper

113 100

55 193.6 163.3 203.3

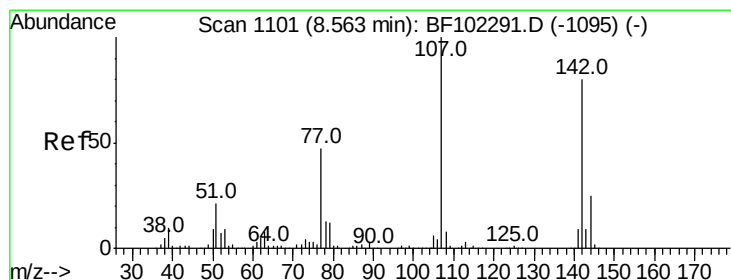
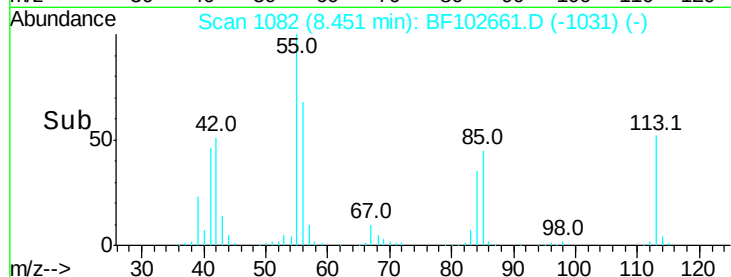
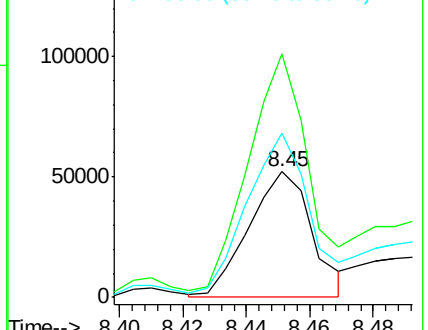
56 131.0 115.7 155.7



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: 41.852 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

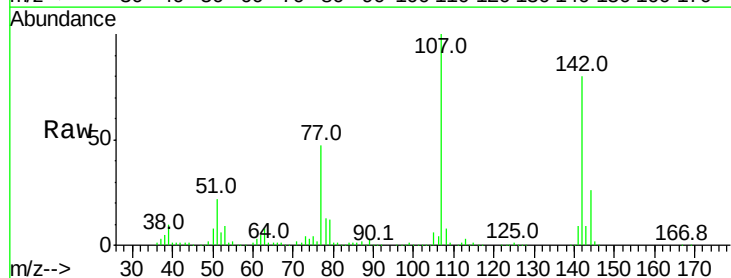
Tgt Ion:107 Resp: 410115

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

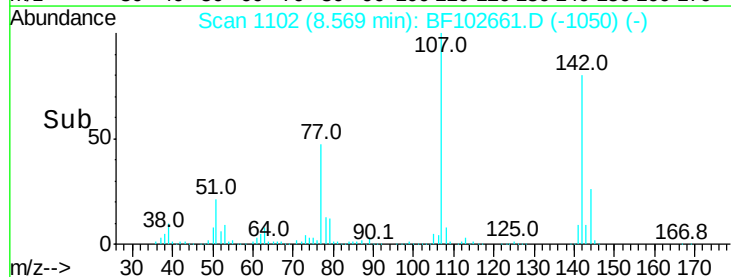
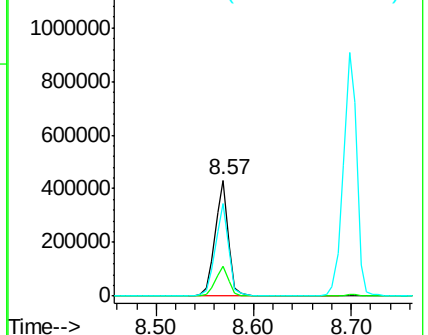
142 80.0 62.0 93.0

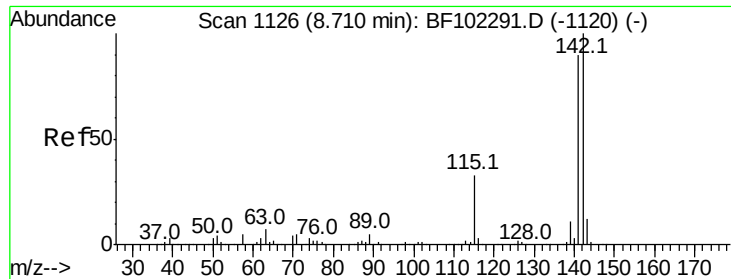


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

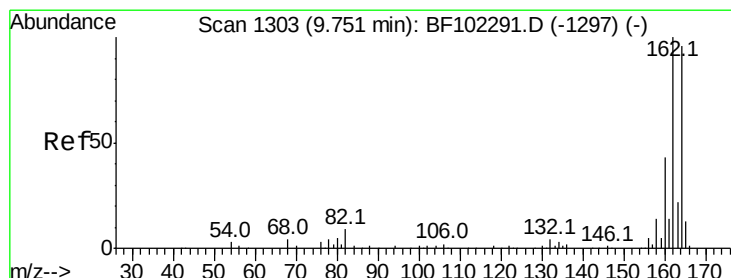
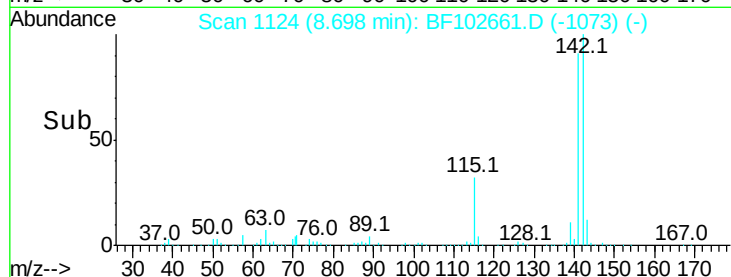
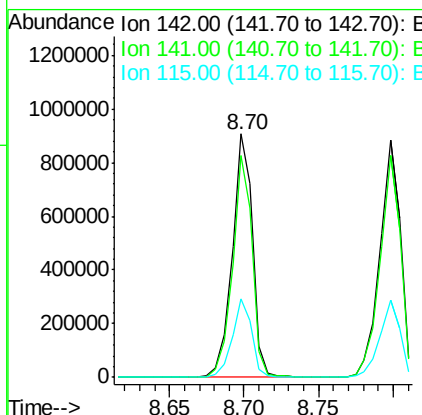
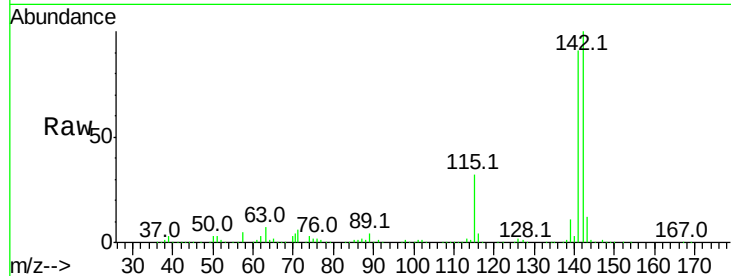




#37
 2-Methylnaphthalene
 Concen: 38.902 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

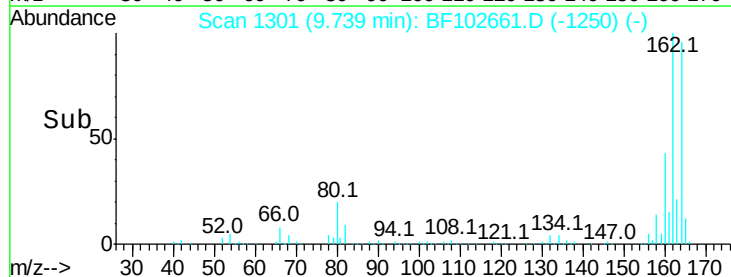
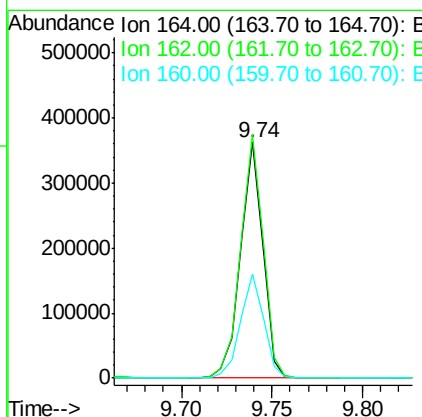
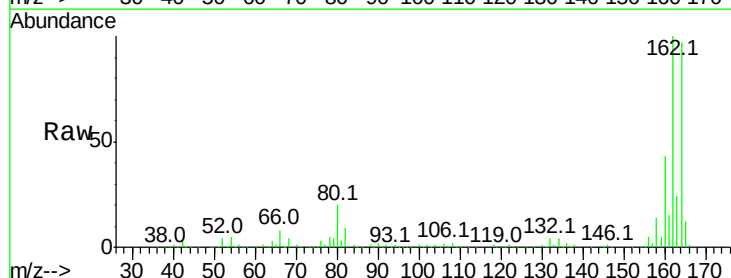
Instrument :
 BNA_F
 ClientSampleId :

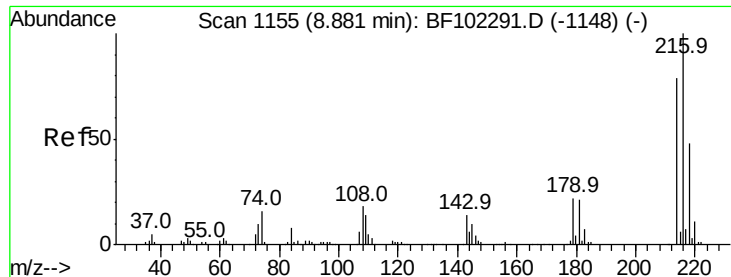
Tot Ion:142 Resp: 867453
 Ion Ratio Lower Upper
 142 100
 141 91.0 70.8 106.2
 115 32.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion:164 Resp: 310552
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 44.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.455 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 340605

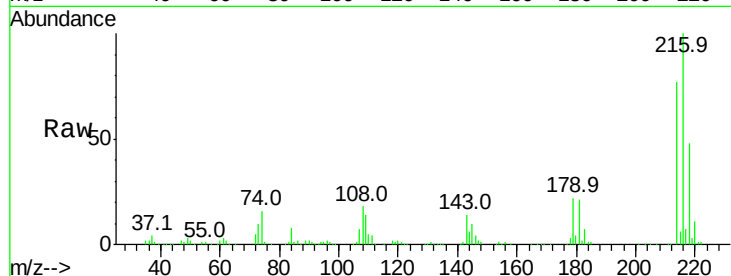
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.0 18.1 27.1

108 22.2 17.2 25.8

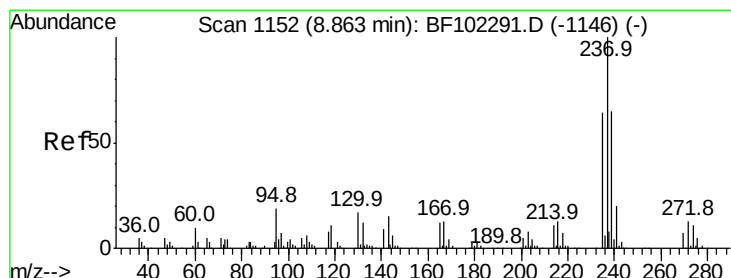
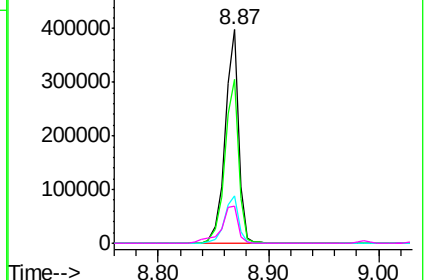
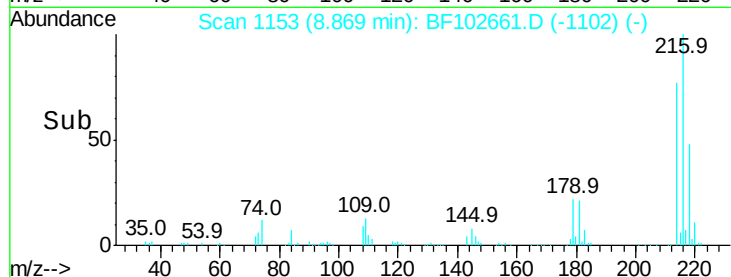


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.518 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

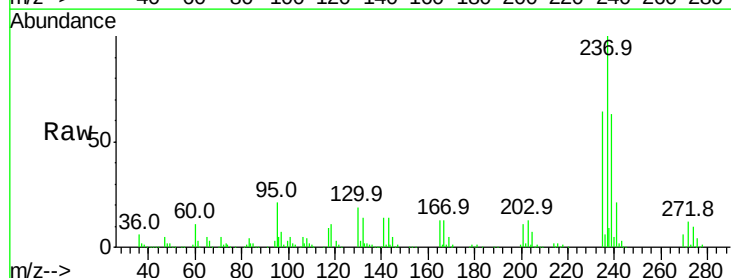
Tgt Ion:237 Resp: 215413

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

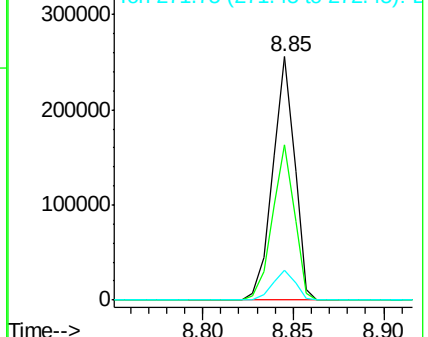
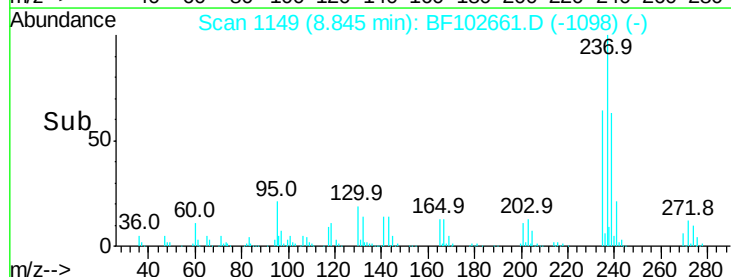
272 12.2 0.0 33.3

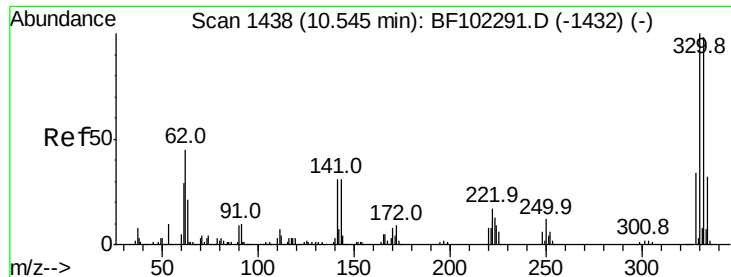


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

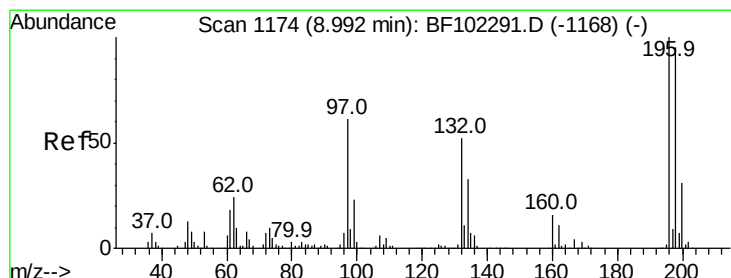
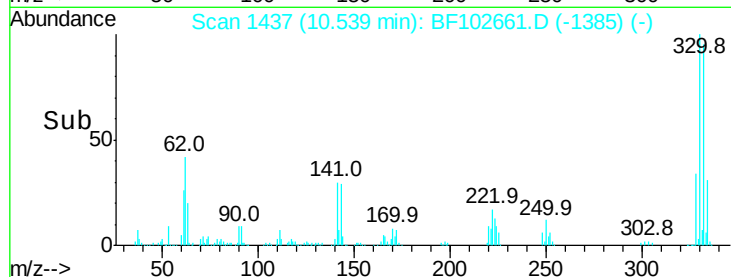
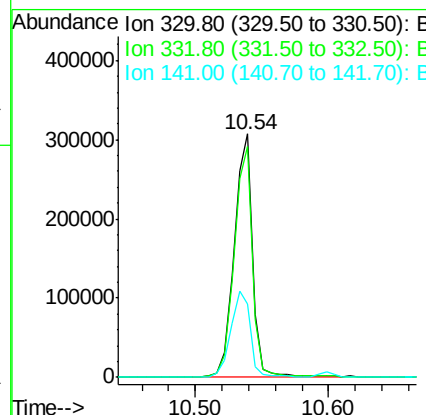
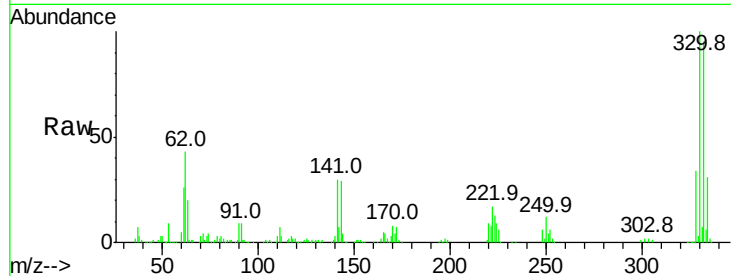




#41
 2,4,6-Tribromophenol
 Concen: 97.419 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

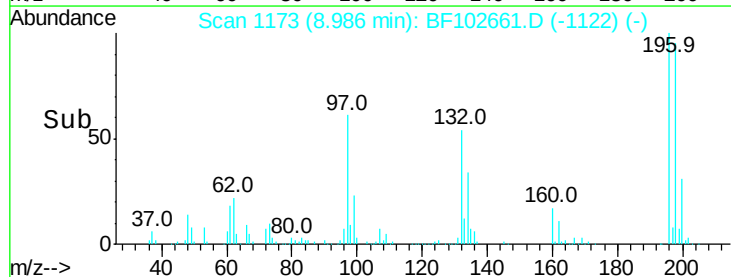
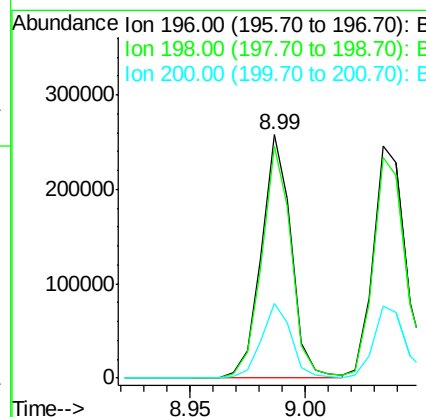
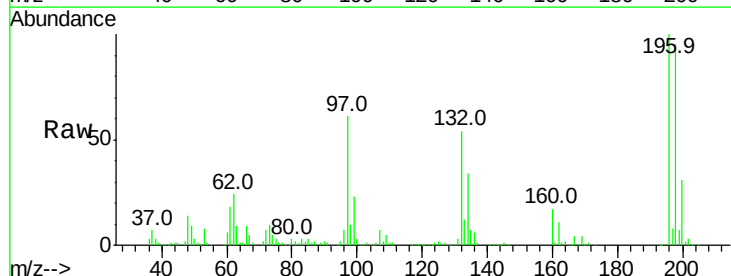
Instrument :
 BNA_F
 ClientSampled :

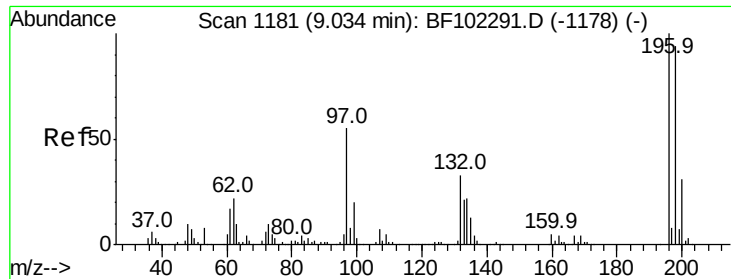
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.257 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	30.8	24.5	36.7

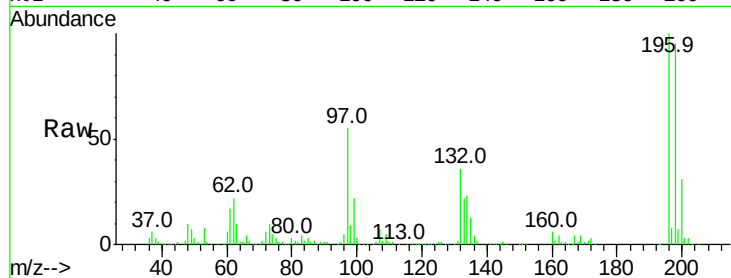




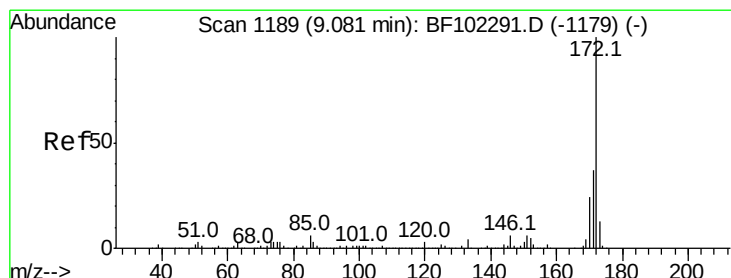
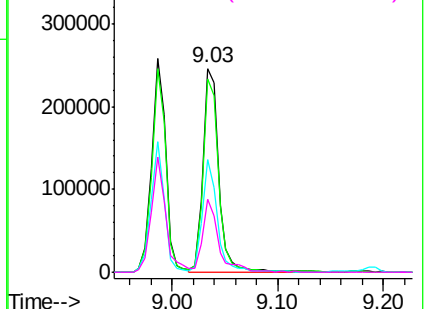
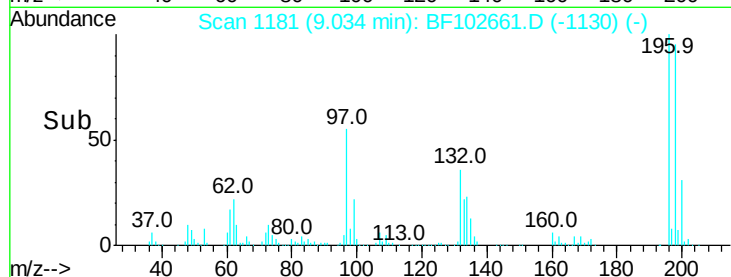
#43
 2,4,5-Trichlorophenol
 Concen: 35.733 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	55.2	42.9	64.3
132	35.6	26.3	39.5

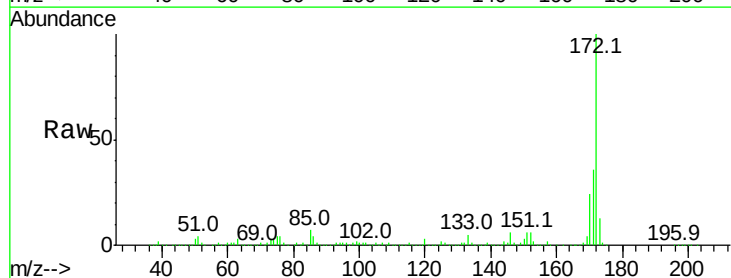


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

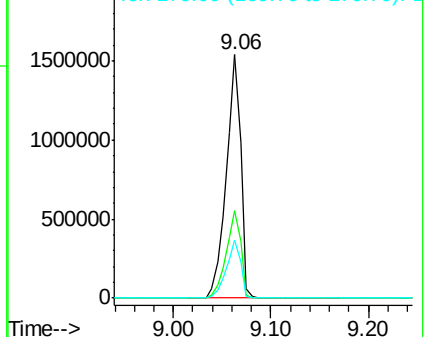
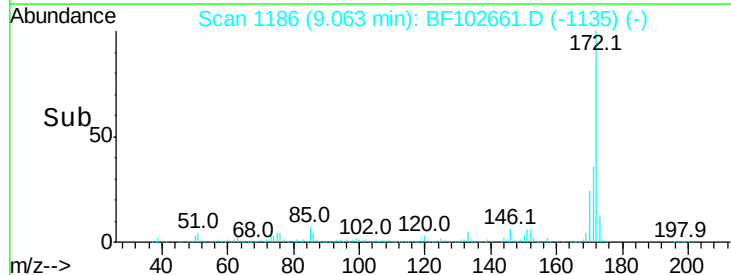


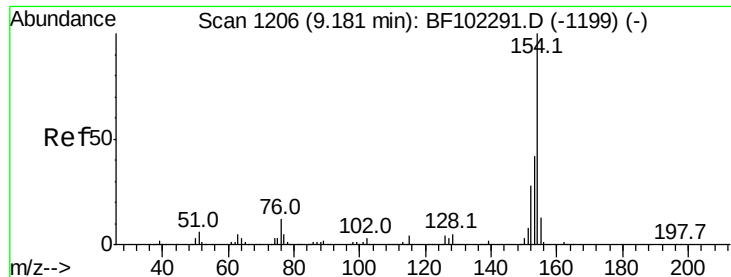
#44
 2-Fluorobiphenyl
 Concen: 74.587 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	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



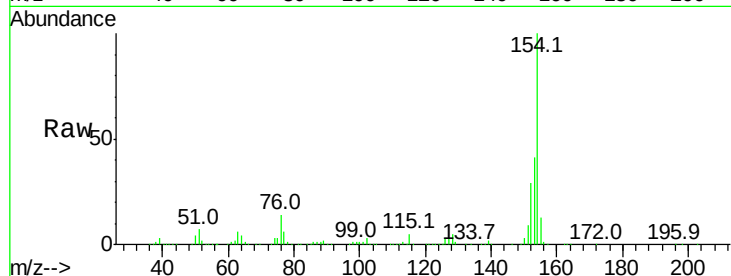


#45
 1,1'-Biphenyl
 Concen: 36.578 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

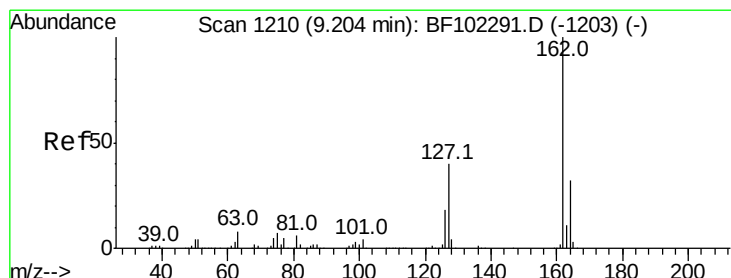
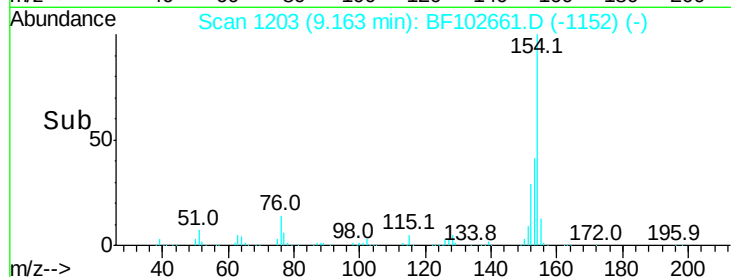
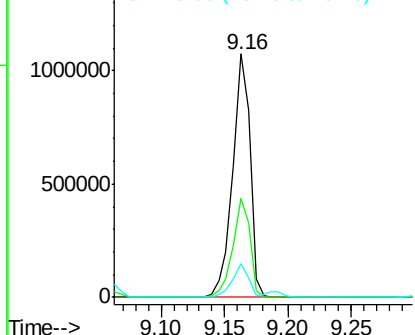
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1015714

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.7	0.0	34.0



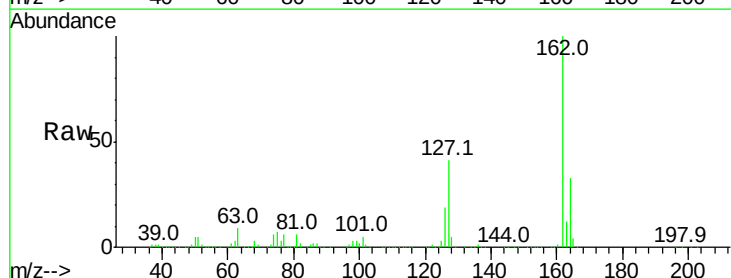
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



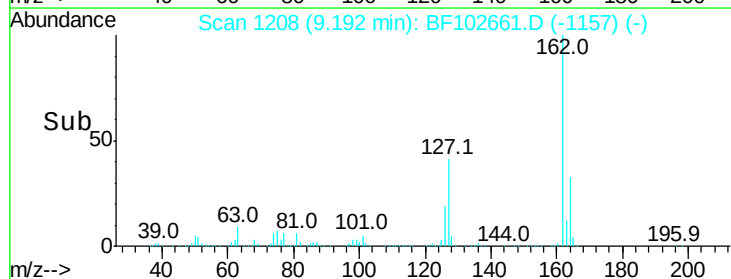
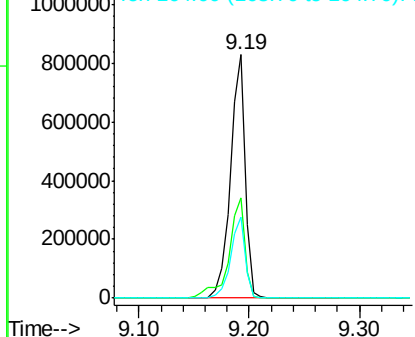
#46
 2-Chloronaphthalene
 Concen: 35.968 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

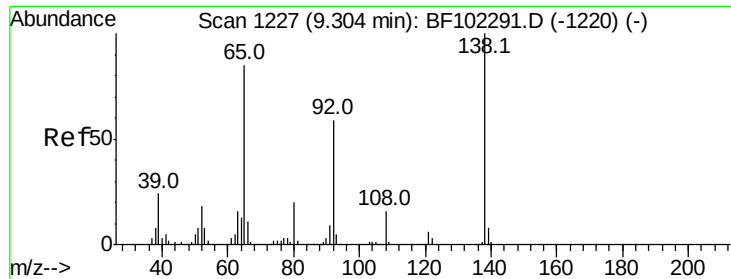
Tgt Ion:162 Resp: 776335

Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	33.5	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: 39.354 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampled :

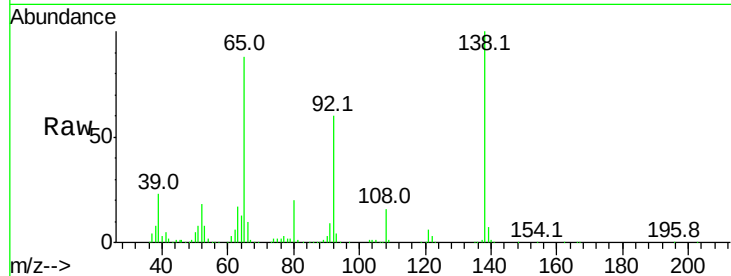
Tot Ion: 65 Resp: 264816

Ion Ratio Lower Upper

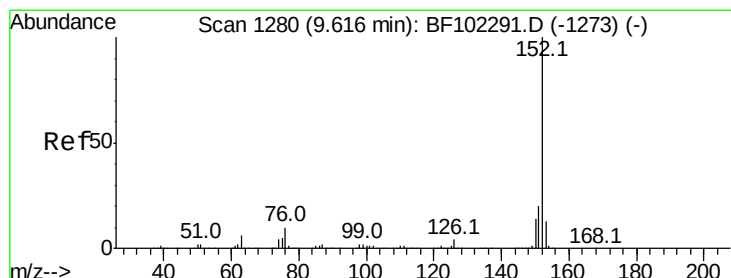
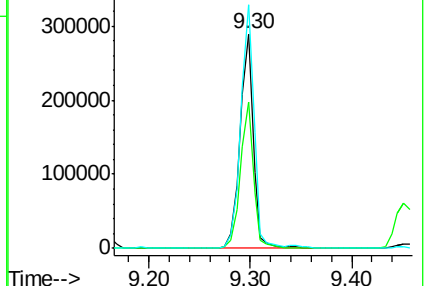
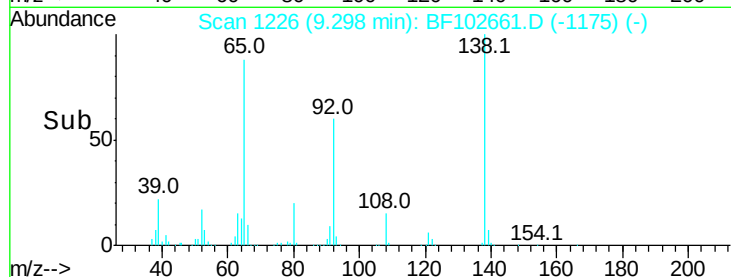
65 100

92 68.2 55.8 83.6

138 113.4 91.2 136.8



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



#48

Acenaphthylene

Concen: 34.985 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

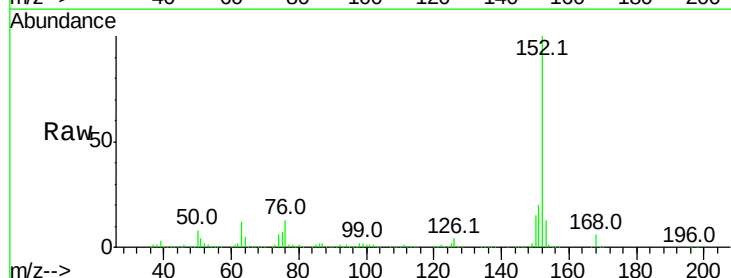
Tgt Ion: 152 Resp: 1176410

Ion Ratio Lower Upper

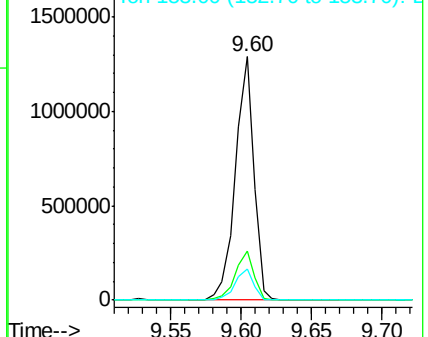
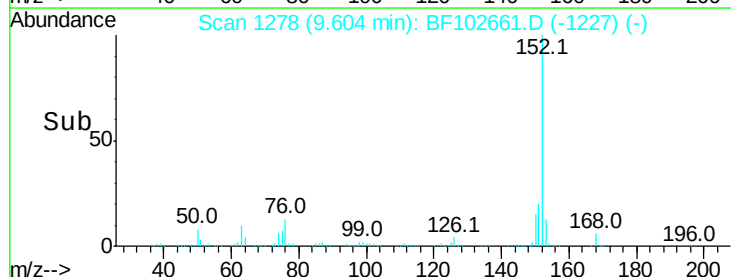
152 100

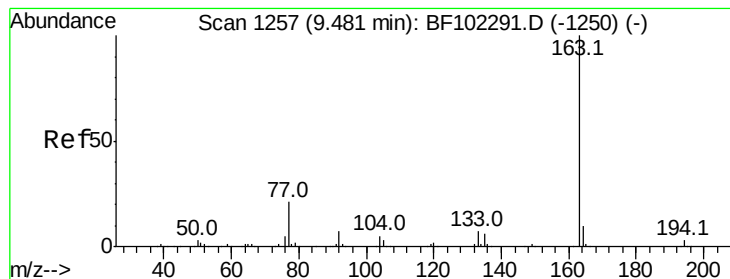
151 20.2 16.3 24.5

153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 36.238 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

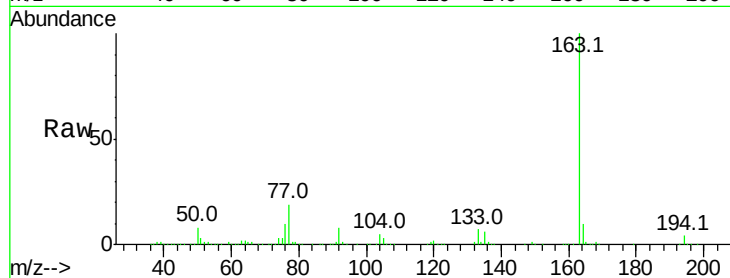
Tot Ion:163 Resp: 930184

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

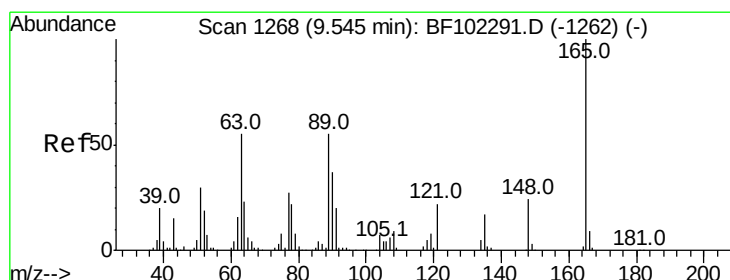
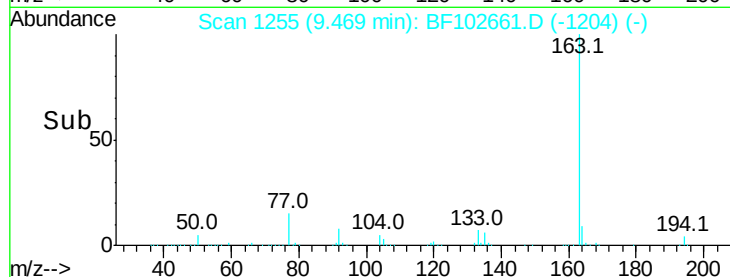
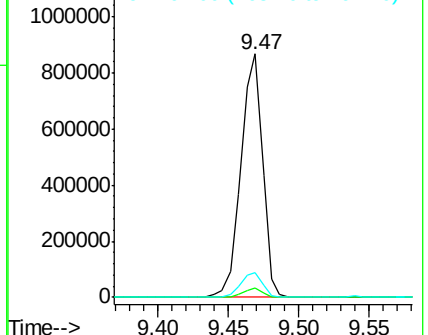
164 9.9 8.2 12.2



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: 37.993 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

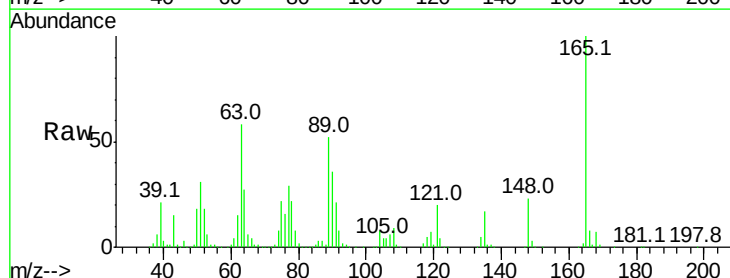
Tgt Ion:165 Resp: 210261

Ion Ratio Lower Upper

165 100

63 57.8 44.7 67.1

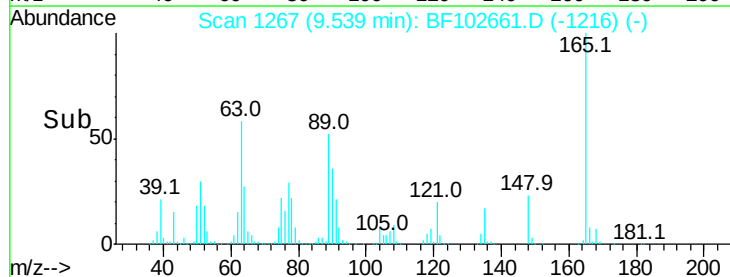
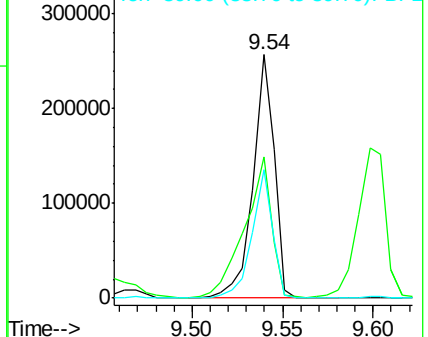
89 52.5 44.0 66.0

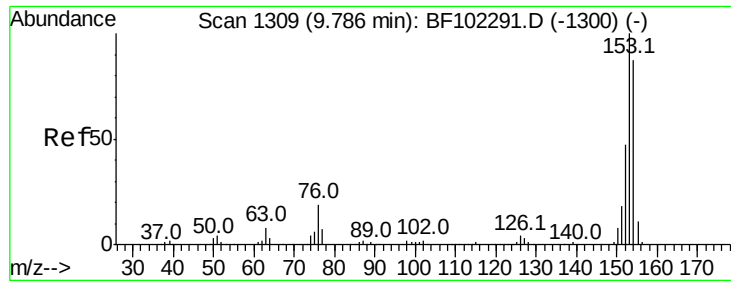


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.879 ng

RT: 9.77 min Scan# 1307

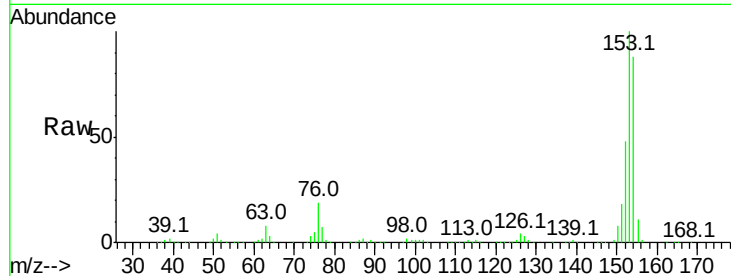
Delta R.T. 0.00 min

Lab File: BF102661.D

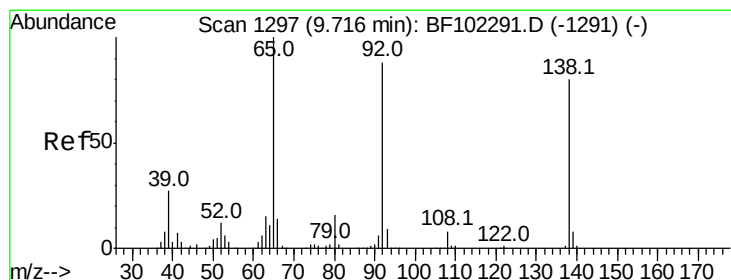
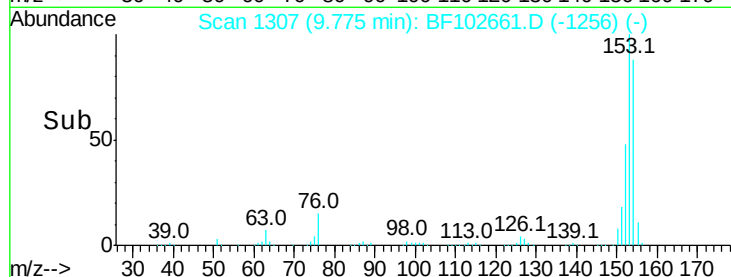
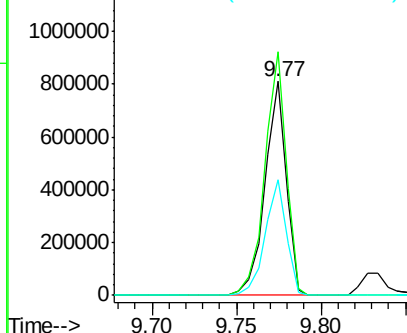
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	154	Resp:	704617
Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	54.3	43.8	65.8



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



#52

3-Nitroaniline

Concen: 18.785 ng

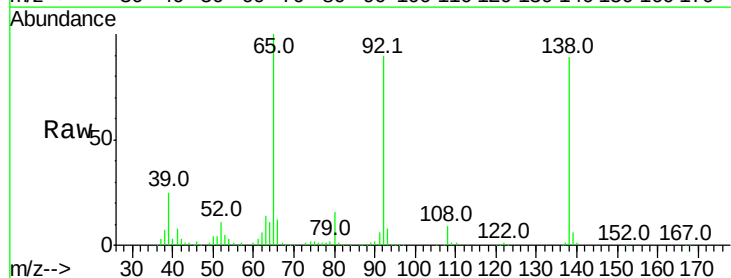
RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

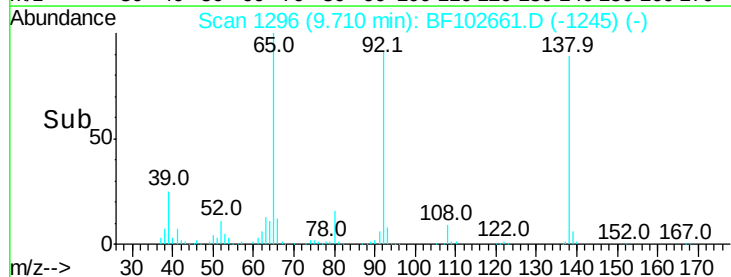
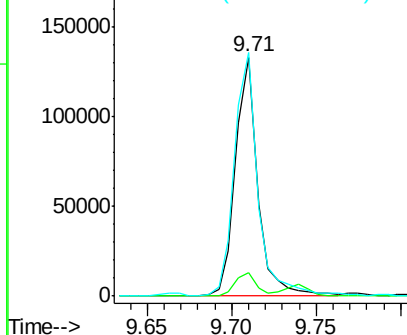
Lab File: BF102661.D

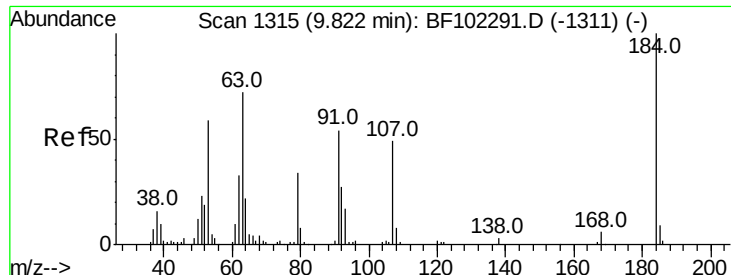
Acq: 31 Jan 2018 18:15

Tgt Ion:	138	Resp:	122987
Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	101.8	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

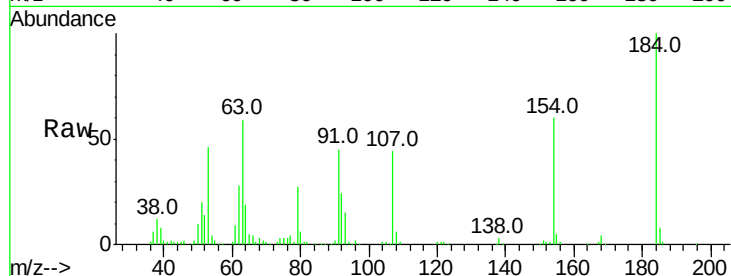




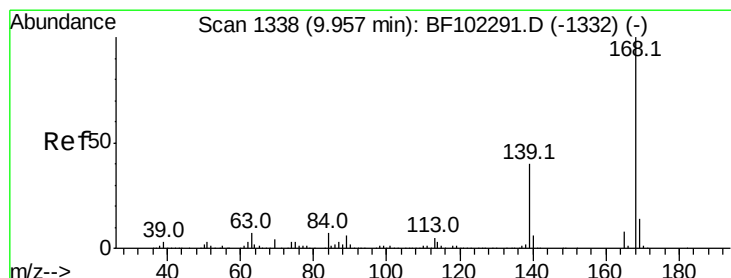
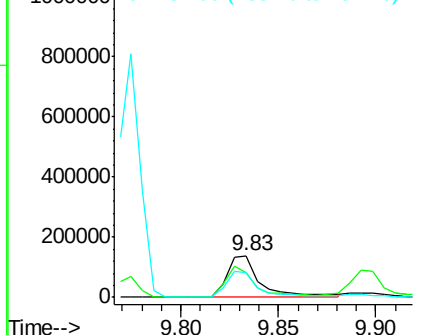
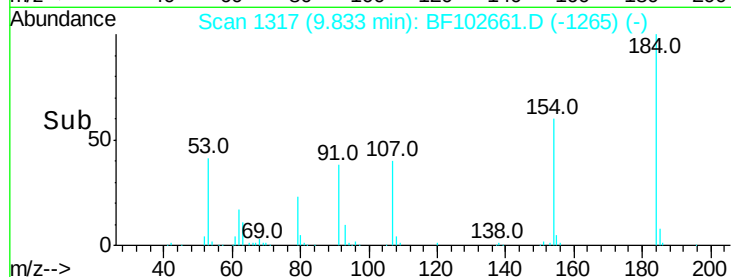
#53
2,4-Dinitrophenol
Concen: 67.214 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 165361
Ion Ratio Lower Upper
184 100
63 59.5 54.2 81.2
154 59.9 184.0 276.0#

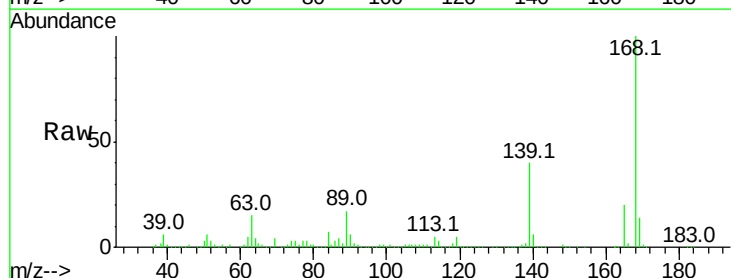


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

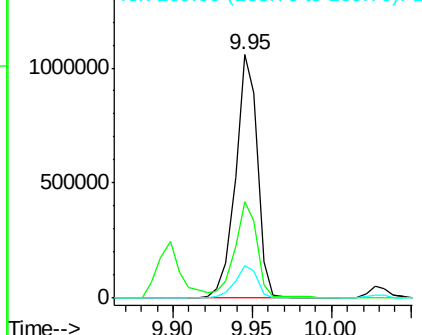
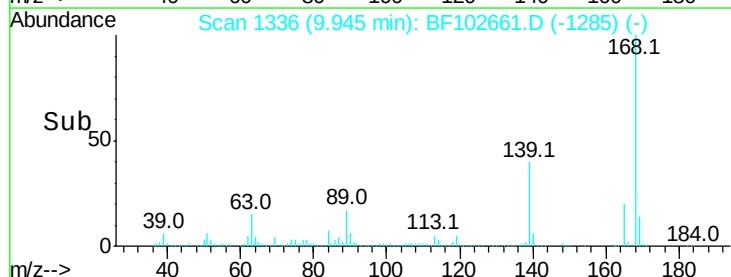


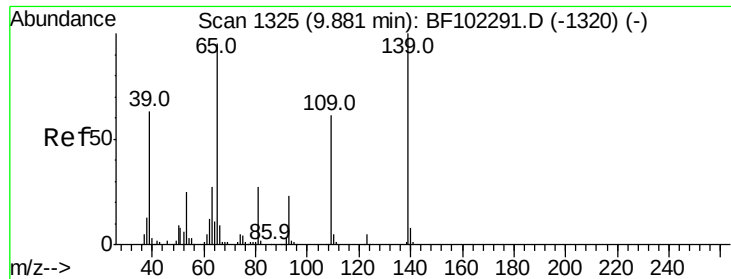
#54
Dibenzofuran
Concen: 37.867 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:168 Resp: 1006465
Ion Ratio Lower Upper
168 100
139 39.6 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

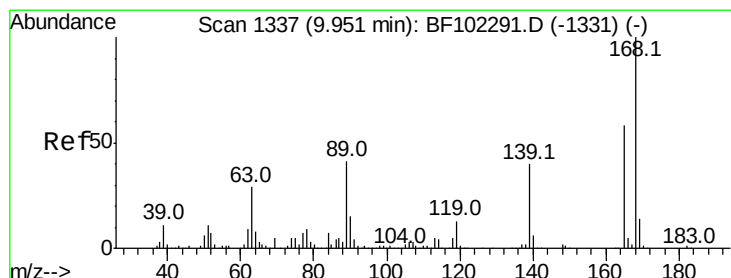
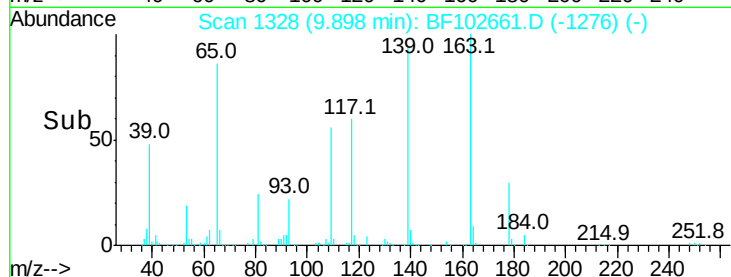
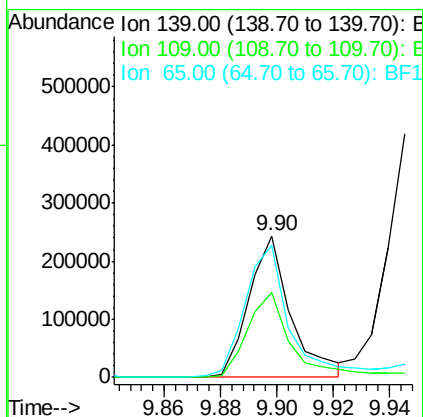
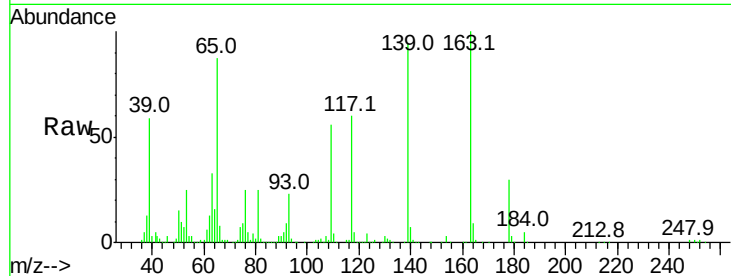




#55
4-Nitrophenol
Concen: 57.903 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

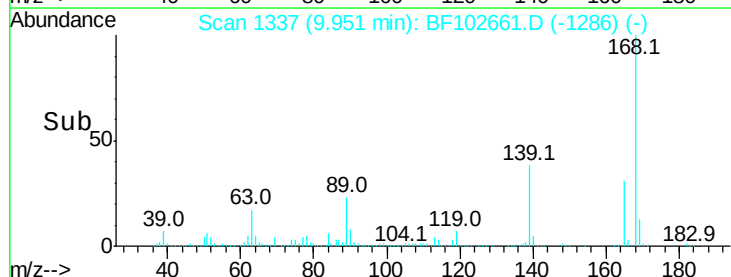
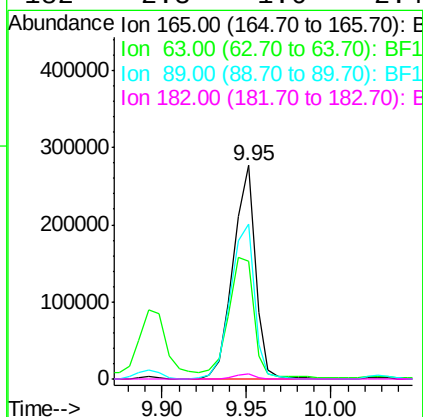
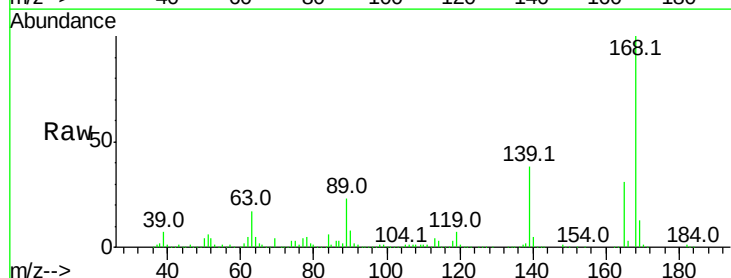
Instrument :
BNA_F
ClientSampled :

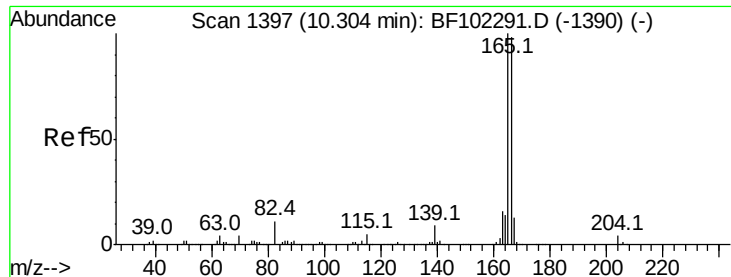
Tot Ion:139 Resp: 250235
Ion Ratio Lower Upper
139 100
109 59.8 48.4 88.4
65 93.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.355 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:165 Resp: 254229
Ion Ratio Lower Upper
165 100
63 54.9 36.4 54.6#
89 72.3 57.8 86.6
182 2.3 1.6 2.4

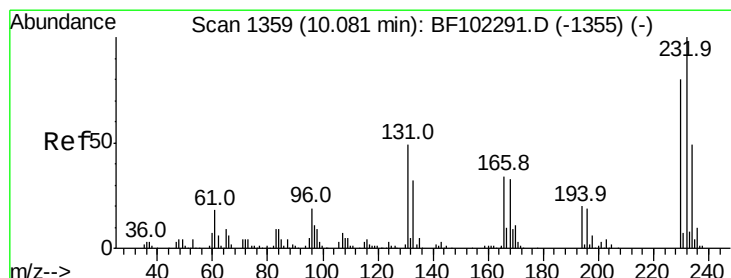
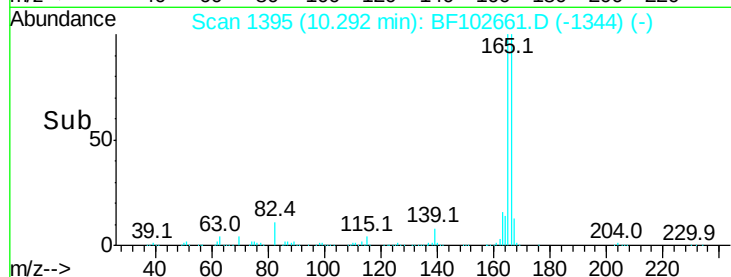
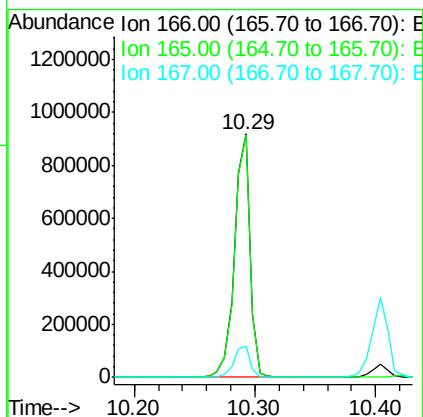
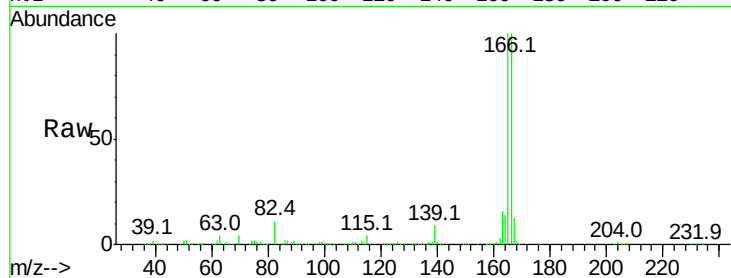




#57
 Fluorene
 Concen: 39.154 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

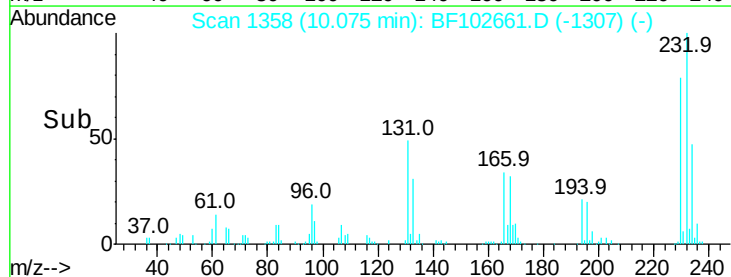
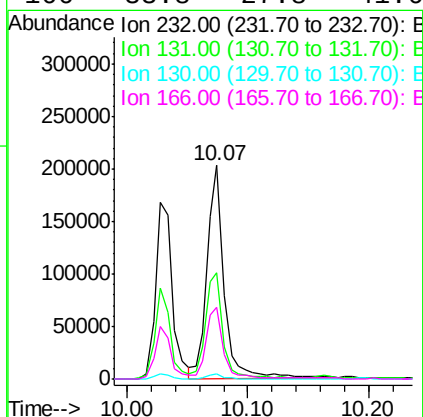
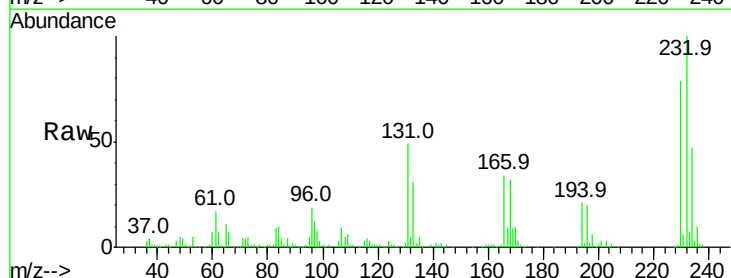
Instrument :
 BNA_F
 ClientSampleId :

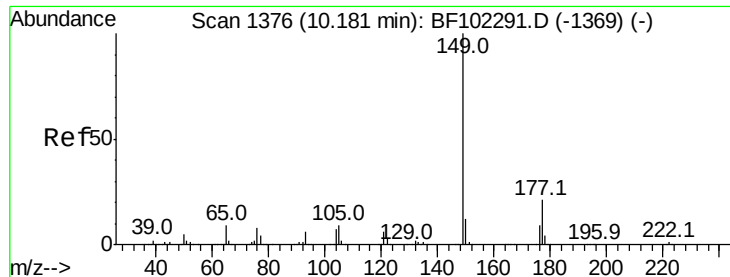
Tot Ion:166 Resp: 824631
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.857 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion:232 Resp: 195378
 Ion Ratio Lower Upper
 232 100
 131 50.9 43.8 65.8
 130 2.4 2.1 3.1
 166 33.8 27.8 41.6

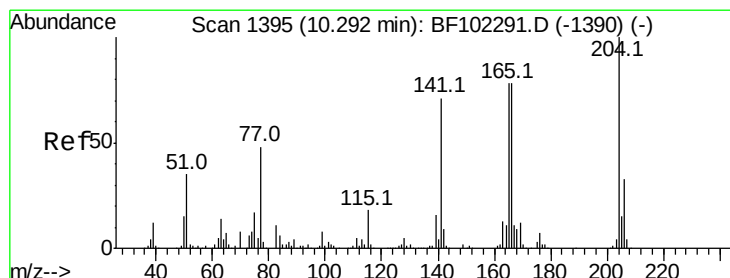
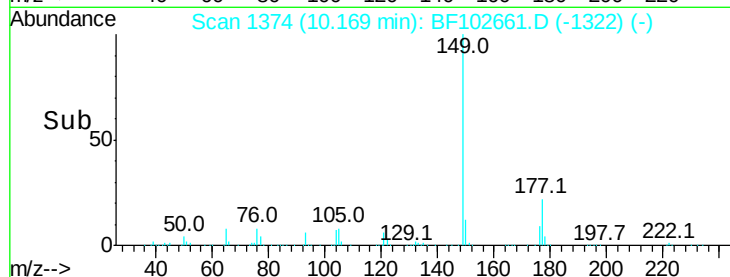
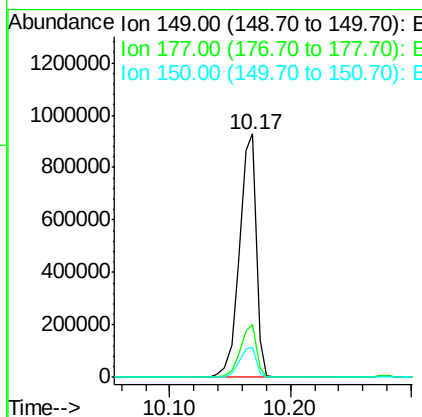
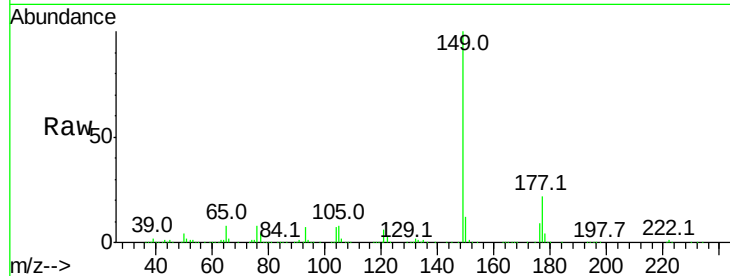




#59
Diethylphthalate
Concen: 36.316 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

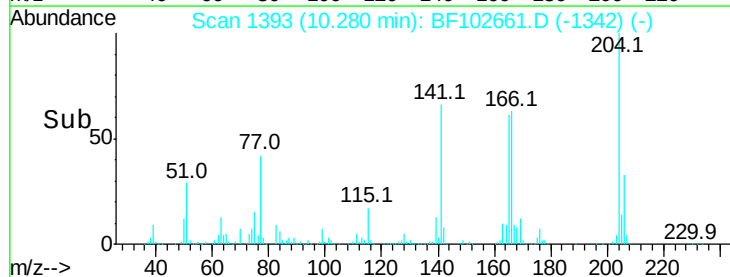
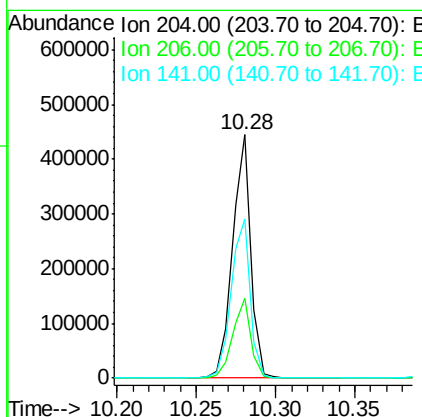
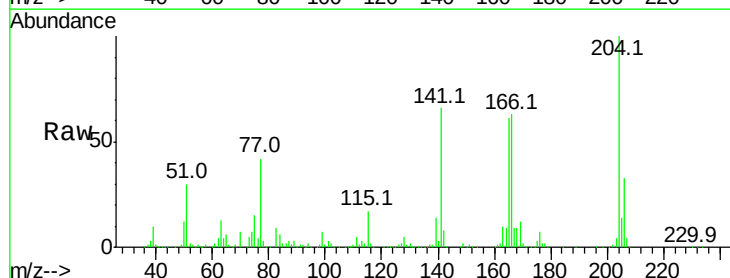
Instrument :
BNA_F
ClientSampled :

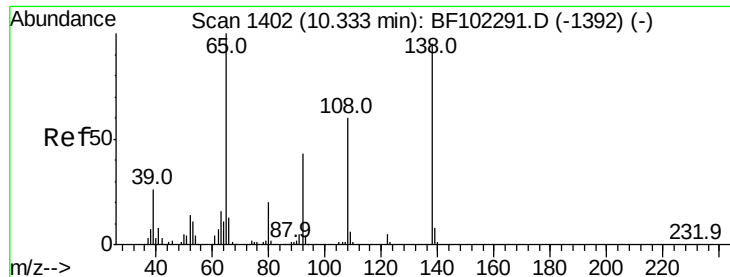
Tot Ion:149 Resp: 905857
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.840 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:204 Resp: 354655
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 65.6 54.6 81.8

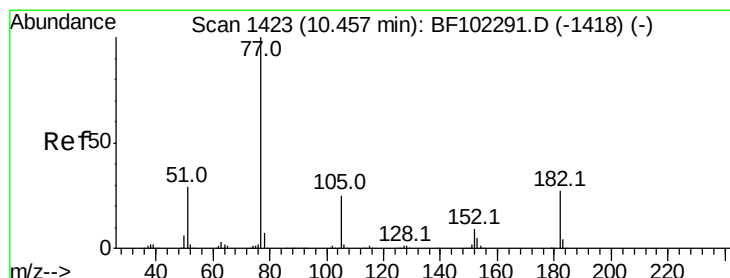
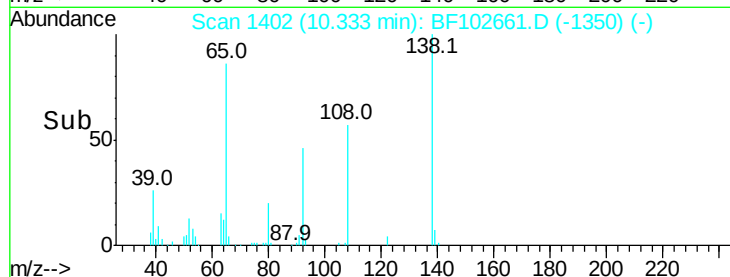
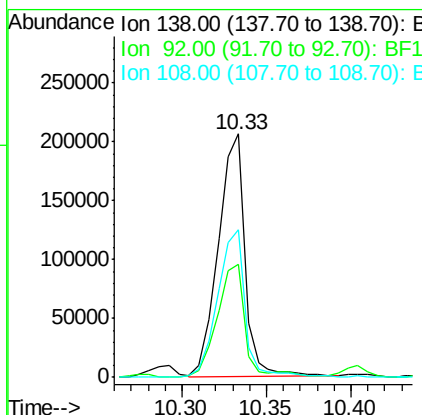
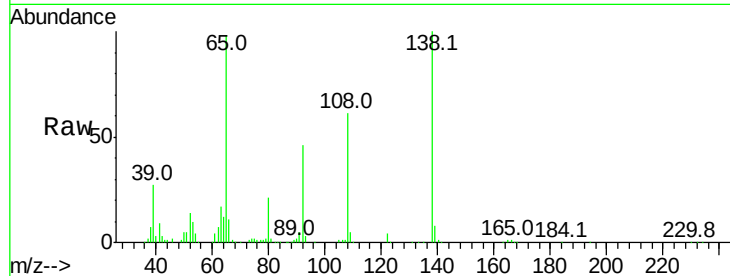




#61
4-Nitroaniline
Concen: 34.668 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

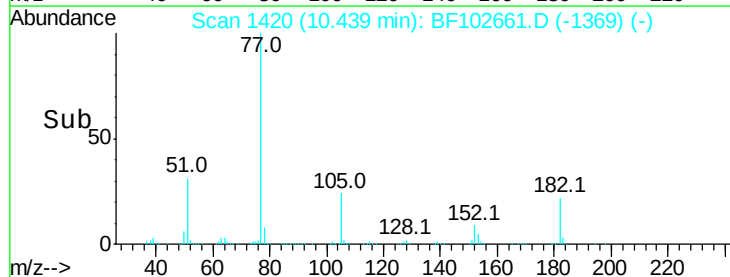
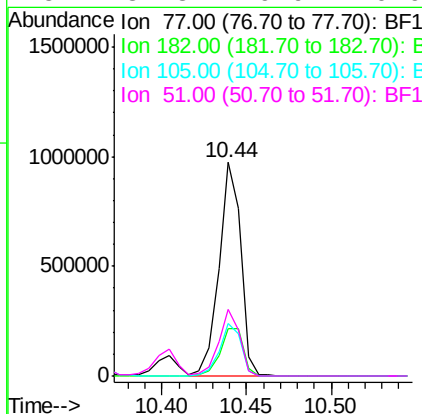
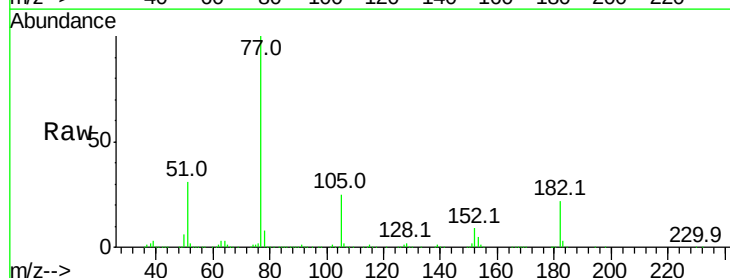
Instrument :
BNA_F
ClientSampleId :

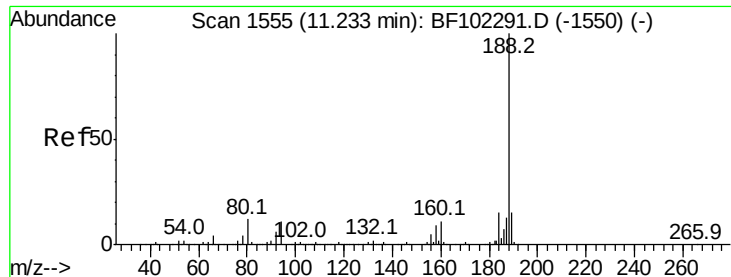
Tot Ion:138 Resp: 226486
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 60.8 52.5 92.5



#62
Azobenzene
Concen: 38.297 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion: 77 Resp: 874625
Ion Ratio Lower Upper
77 100
182 22.5 1.7 41.7
105 24.5 3.0 43.0
51 31.3 9.9 49.9

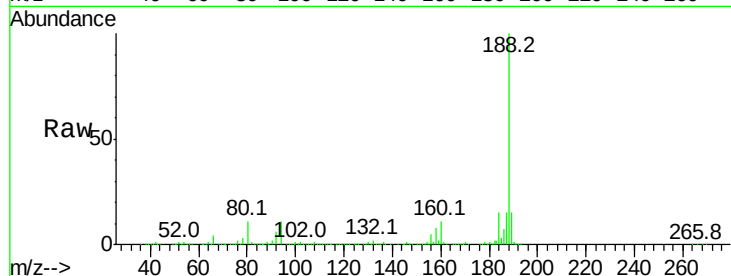




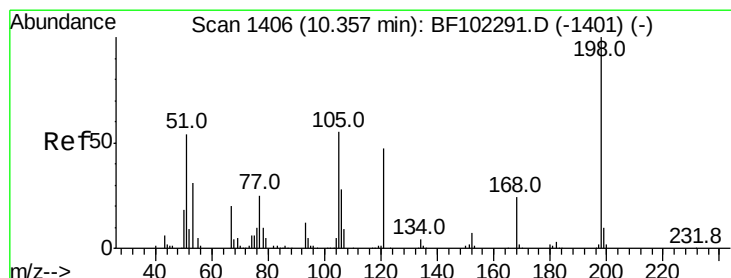
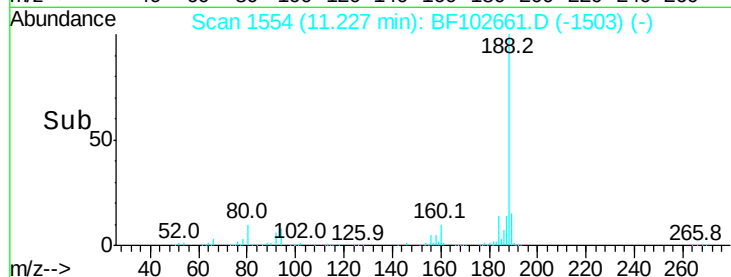
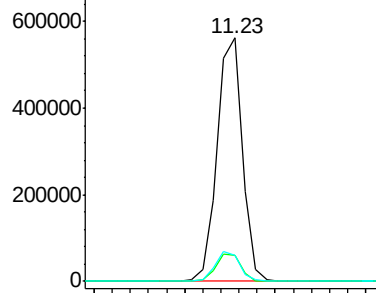
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 544423
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.6 9.2 13.8

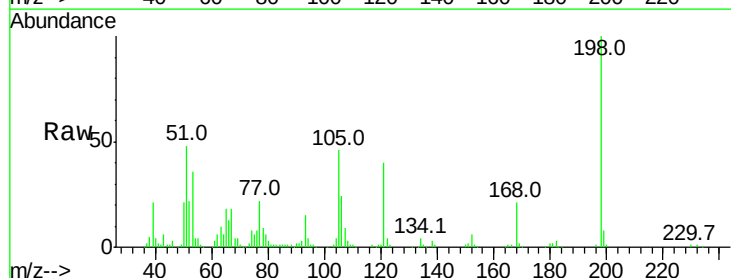


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

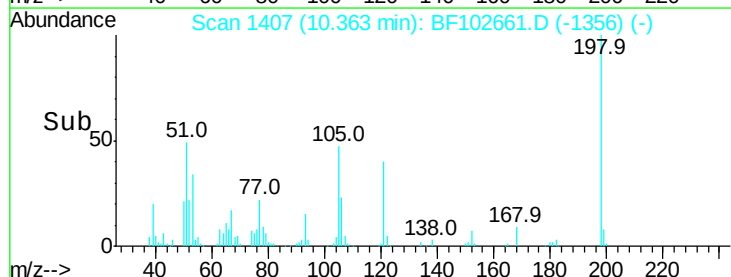
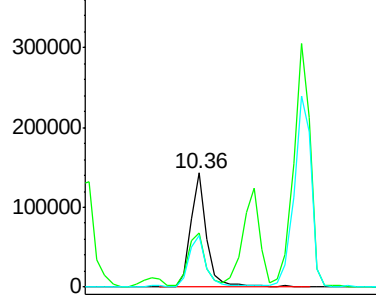


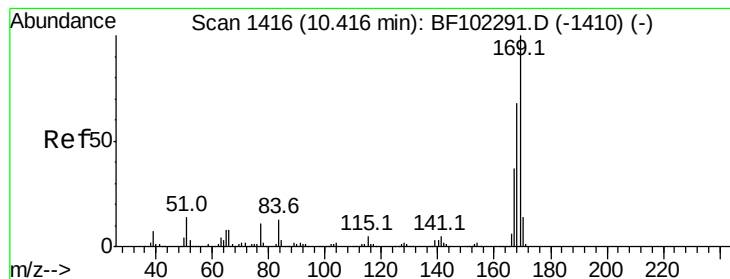
#64
4,6-Dinitro-2-methylphenol
Concen: 33.672 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:198 Resp: 122302
Ion Ratio Lower Upper
198 100
51 48.0 37.7 77.7
105 45.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 37.859 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

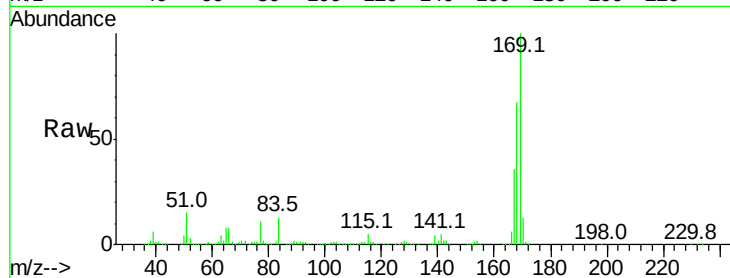
Tot Ion:169 Resp: 756512

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

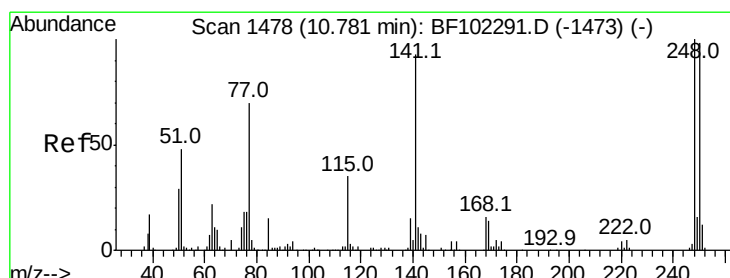
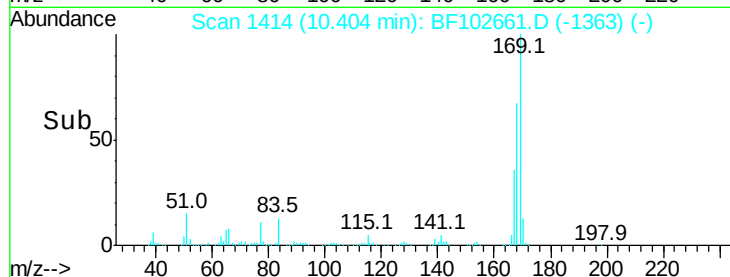
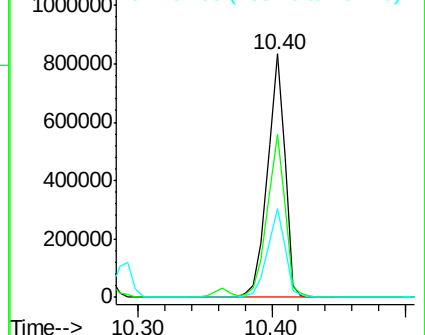
167 36.2 29.8 44.6



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: 38.533 ng

RT: 10.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

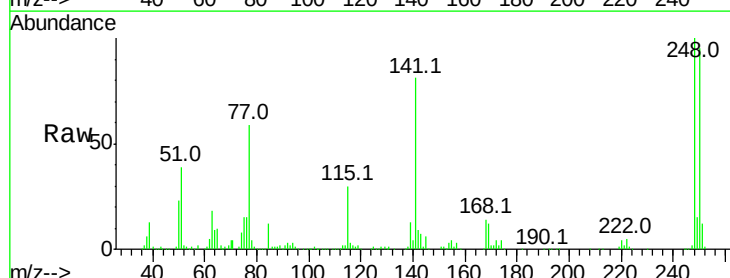
Tgt Ion:248 Resp: 225830

Ion Ratio Lower Upper

248 100

250 94.8 76.9 115.3

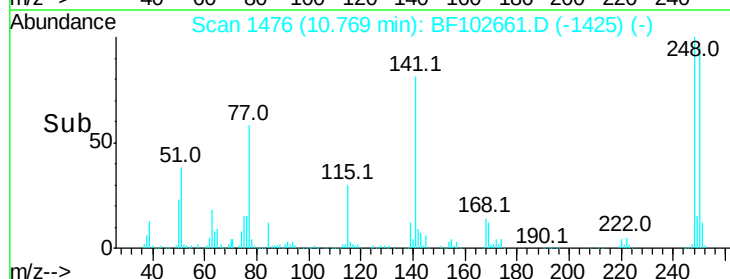
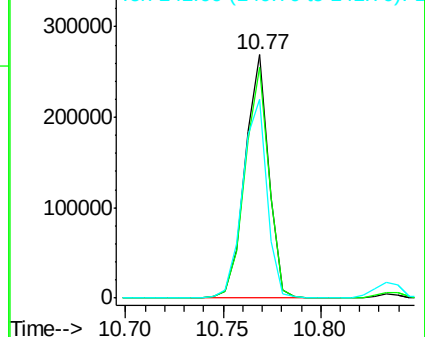
141 81.4 74.4 111.6

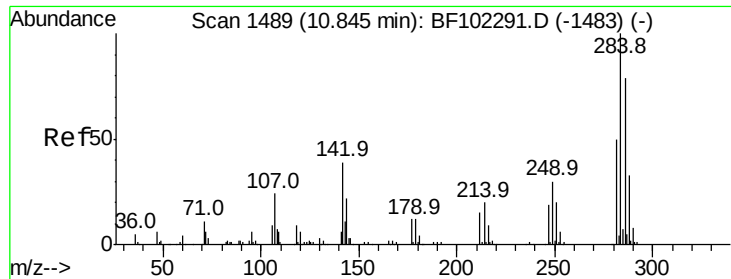


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

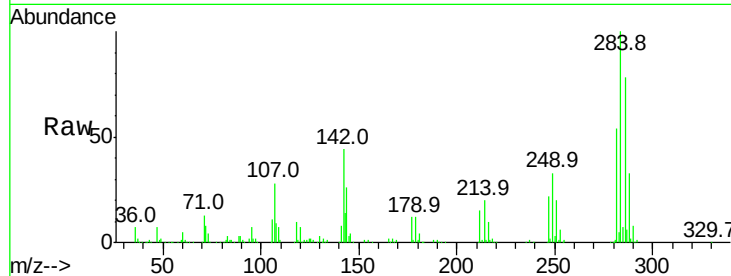




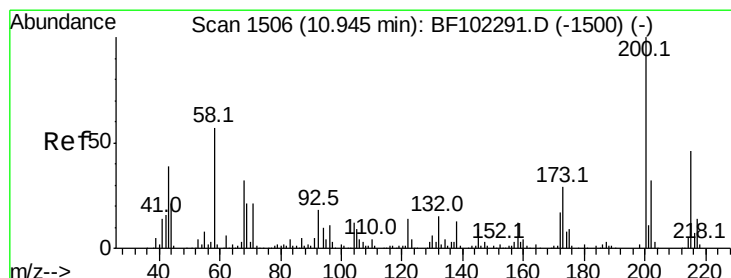
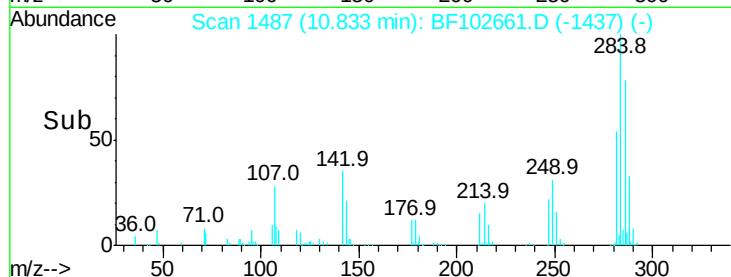
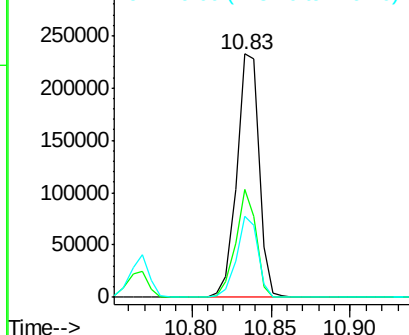
#67
Hexachlorobenzene
Concen: 34.617 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.1	34.6	52.0
249	33.4	24.8	37.2

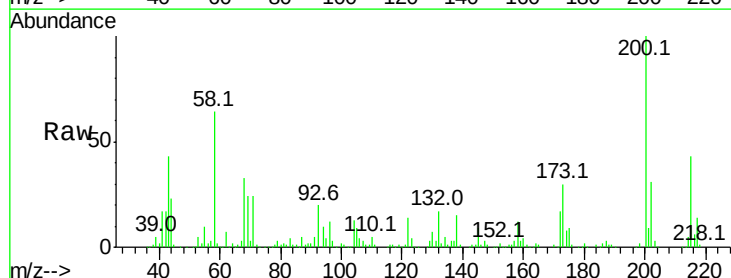


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

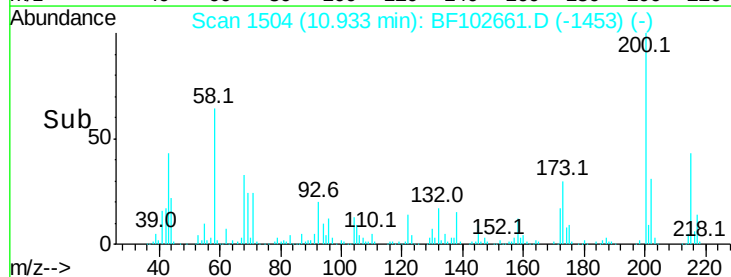
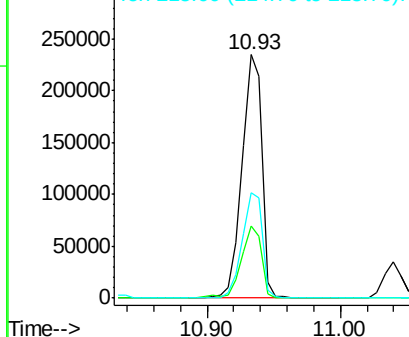


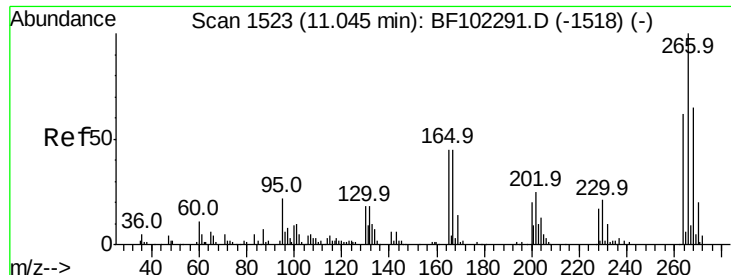
#68
Atrazine
Concen: 41.077 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	43.2	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

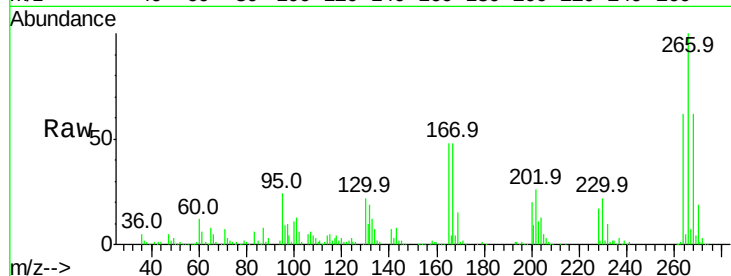




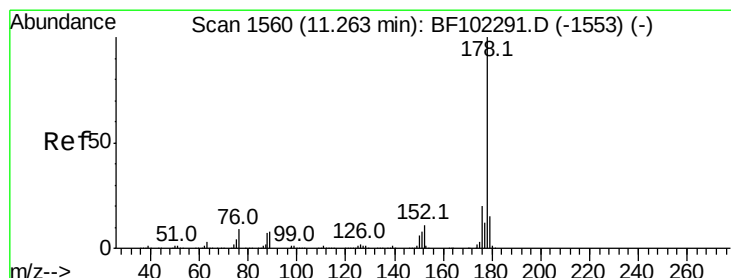
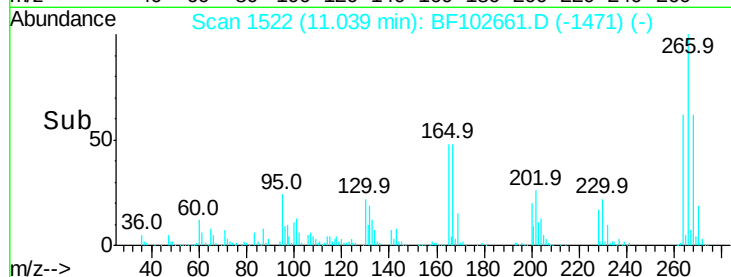
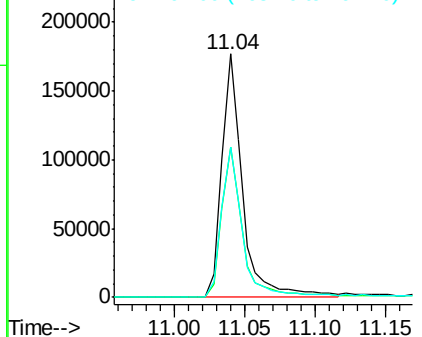
#69
 Pentachlorophenol
 Concen: 52.832 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 181910
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 61.7 49.5 74.3

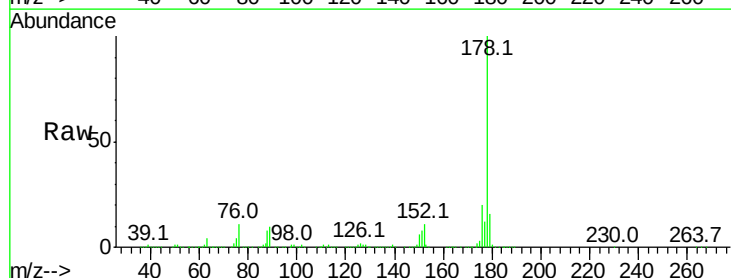


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

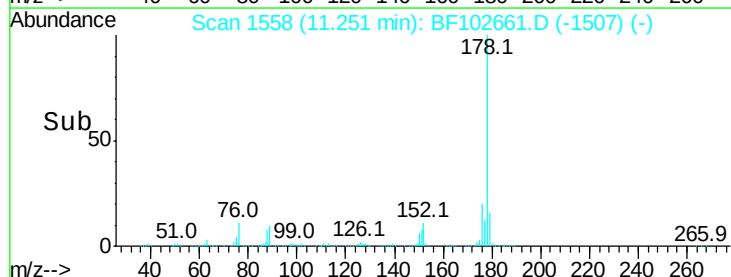
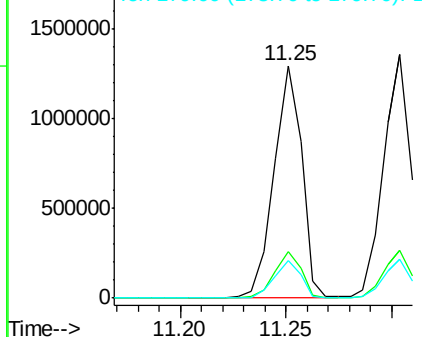


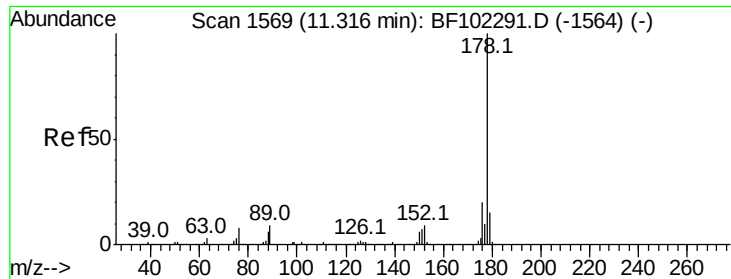
#70
 Phenanthrene
 Concen: 37.386 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion:178 Resp: 1186058
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.6



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

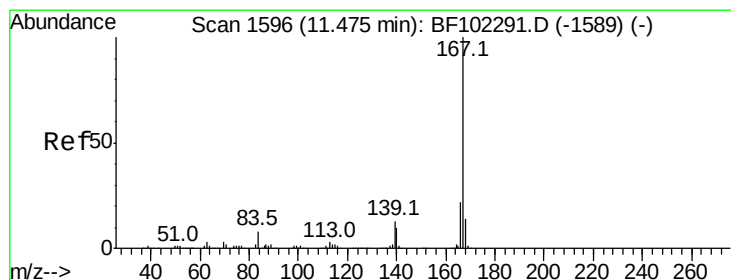
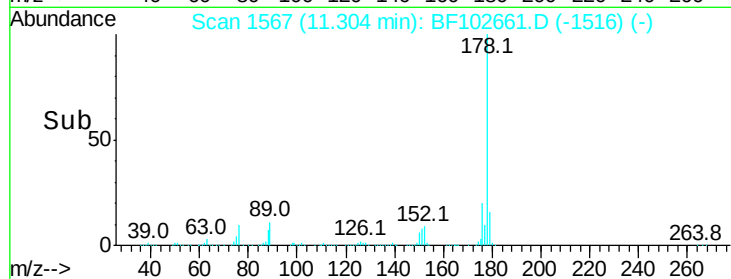
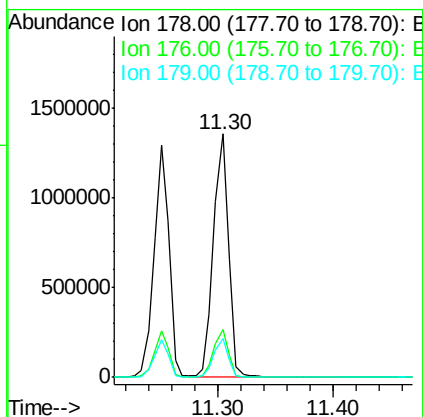
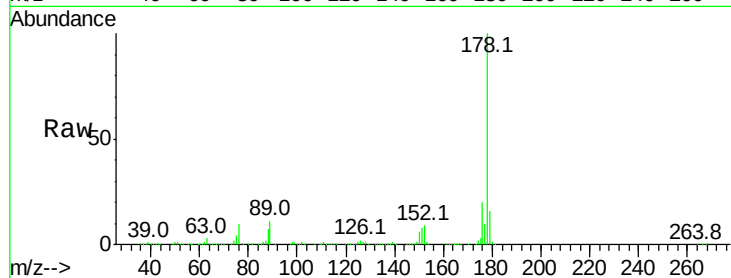




#71
 Anthracene
 Concen: 38.210 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

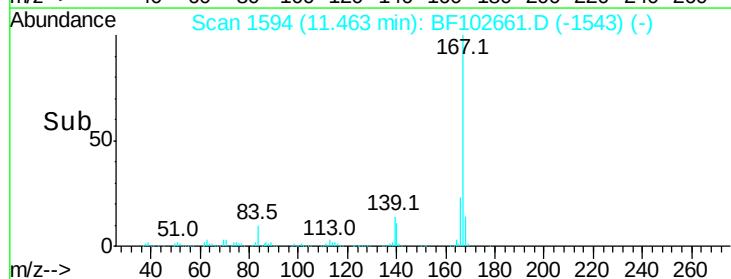
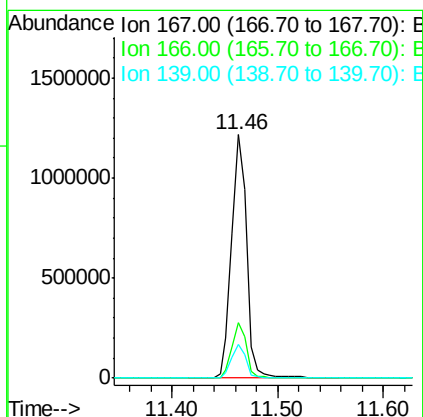
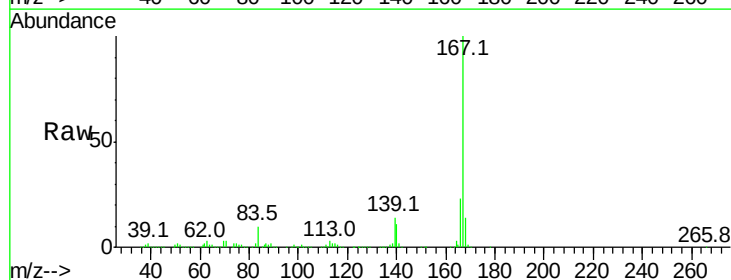
Instrument :
 BNA_F
 ClientSampleId :

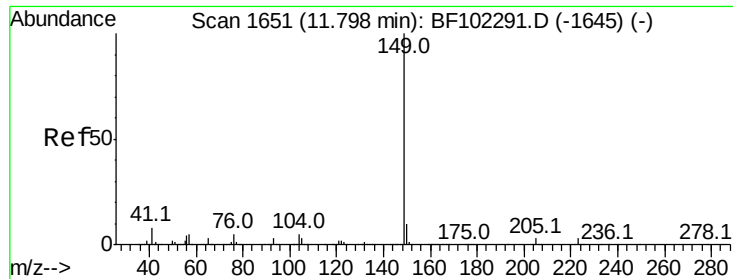
Tot Ion:178 Resp: 1237292
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 37.910 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion:167 Resp: 1197581
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.902 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

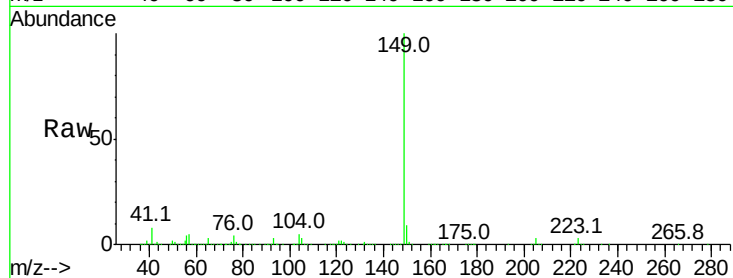
Tot Ion:149 Resp: 1457158

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

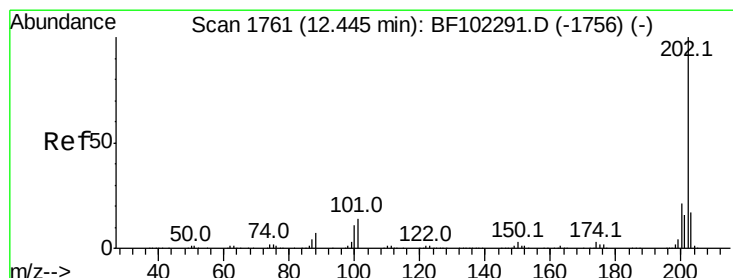
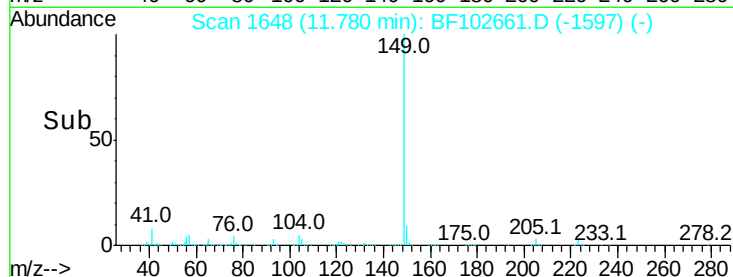
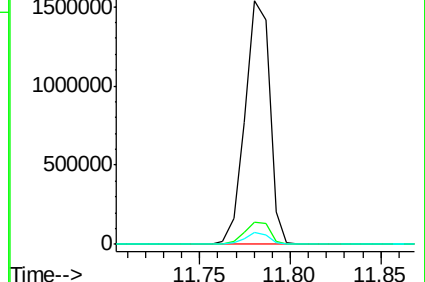
104 4.7 3.8 5.8



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: 38.295 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

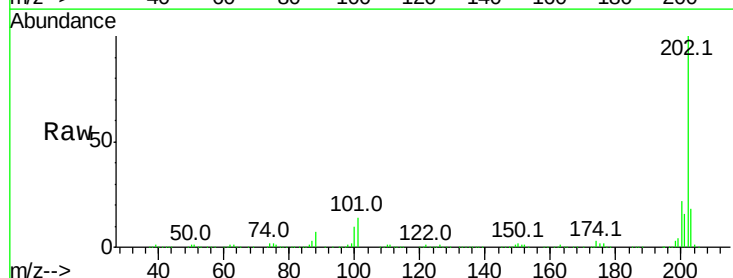
Tgt Ion:202 Resp: 1238888

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

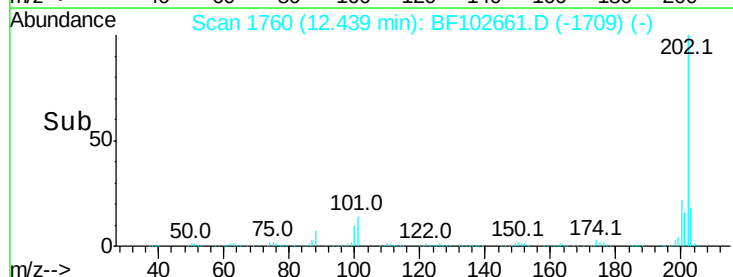
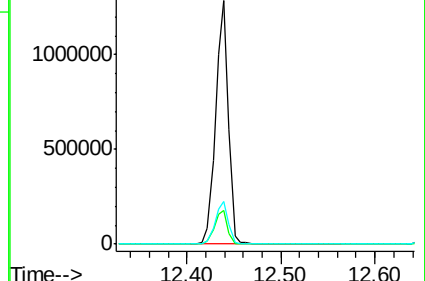
203 17.7 0.0 38.1

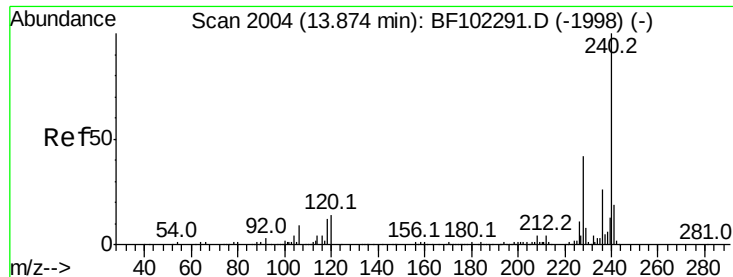


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

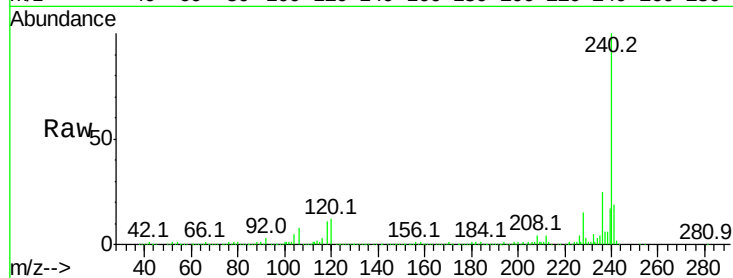
Tot Ion:240 Resp: 419061

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

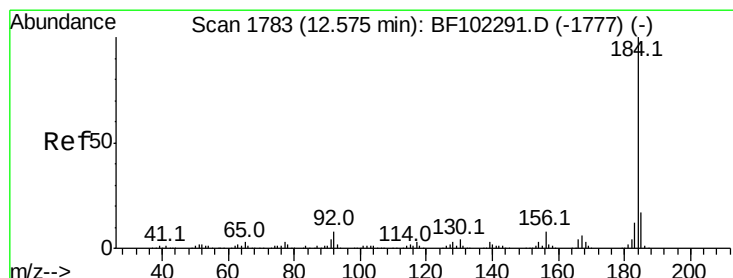
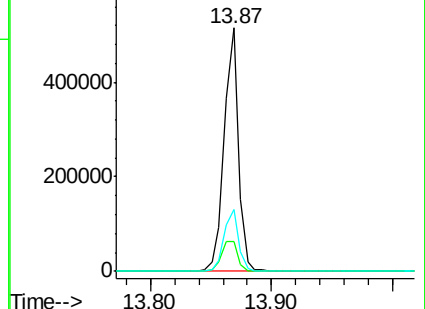
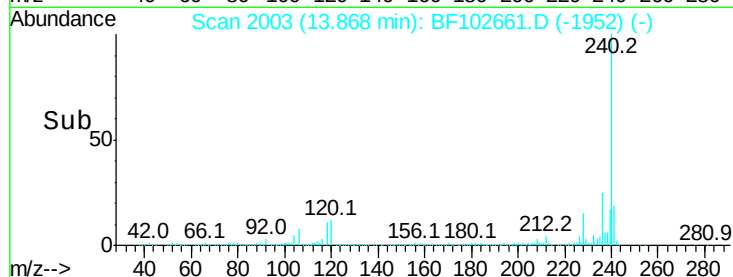
236 25.3 20.7 31.1



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: 30.285 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

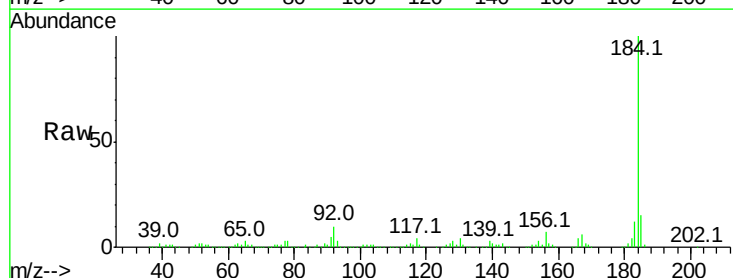
Tgt Ion:184 Resp: 426350

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

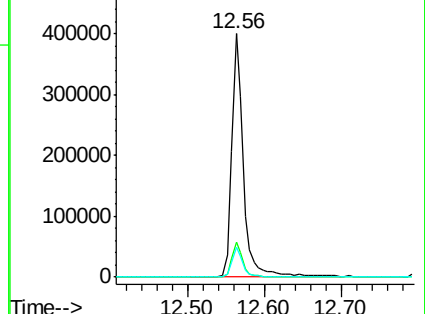
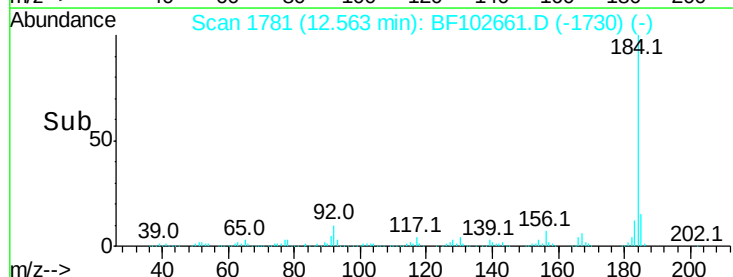
183 12.3 9.3 13.9

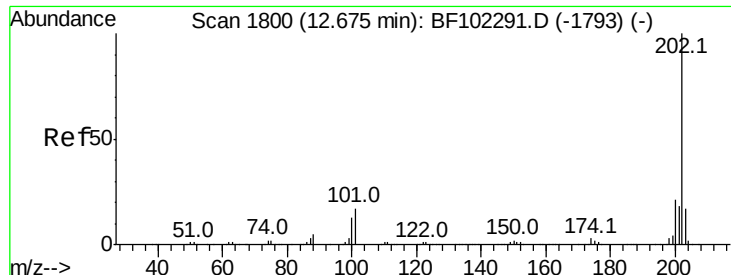


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

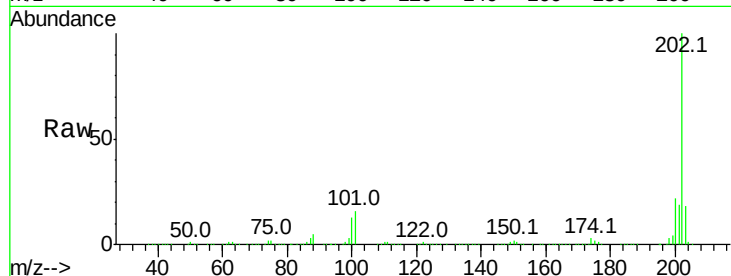




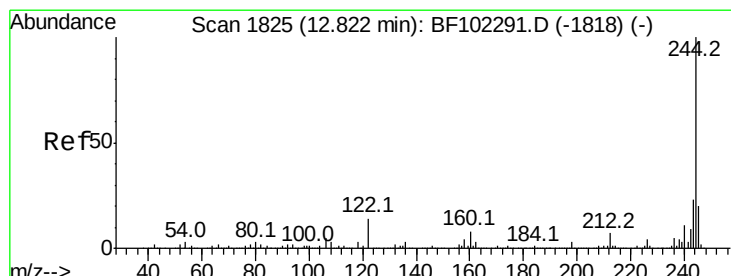
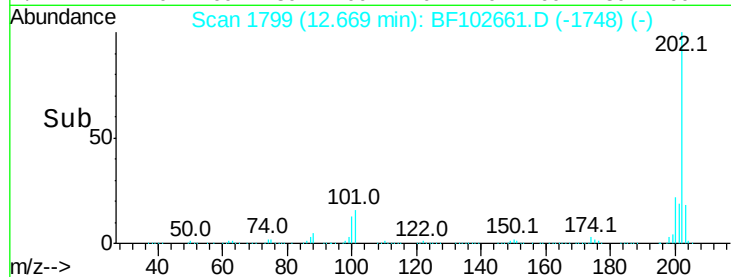
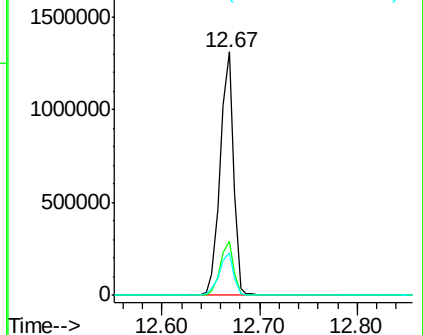
#77
 Pvrene
 Concen: 38.522 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1248132
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.4 26.2
 203 17.6 14.3 21.5

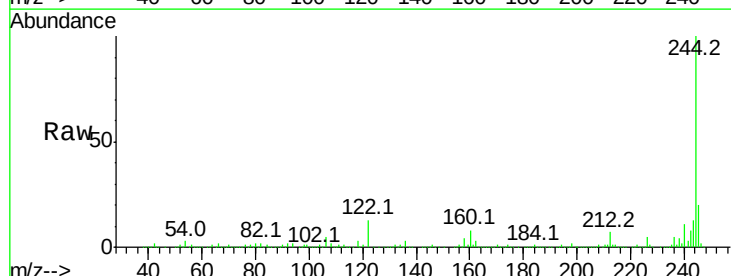


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

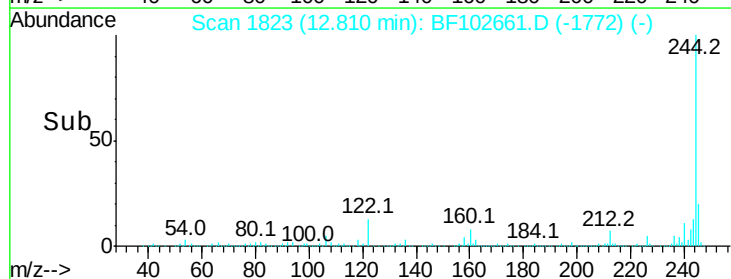
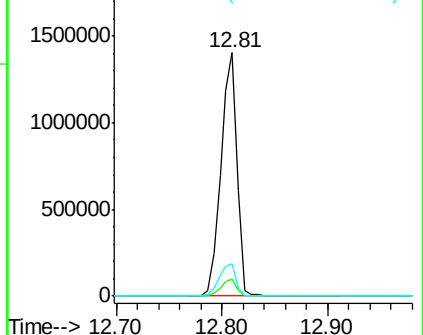


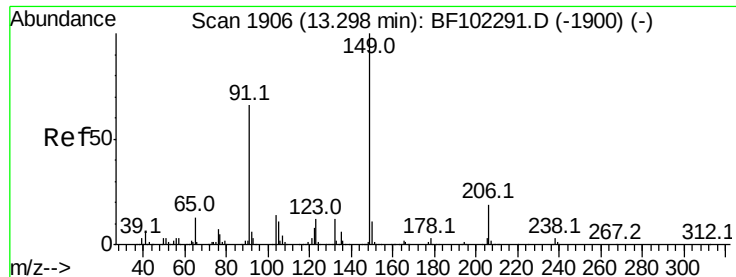
#78
 Terphenyl-d14
 Concen: 80.903 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102661.D
 Acq: 31 Jan 2018 18:15

Tgt Ion:244 Resp: 1503893
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.3 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 40.087 ng

RT: 13.28 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

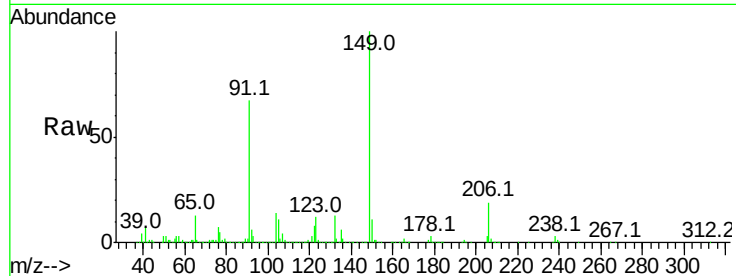
Tot Ion:149 Resp: 646371

Ion Ratio Lower Upper

149 100

91 67.4 56.8 85.2

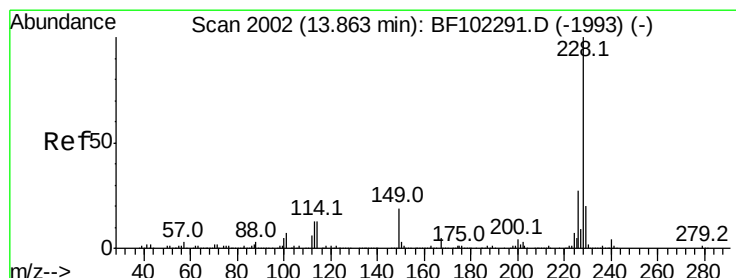
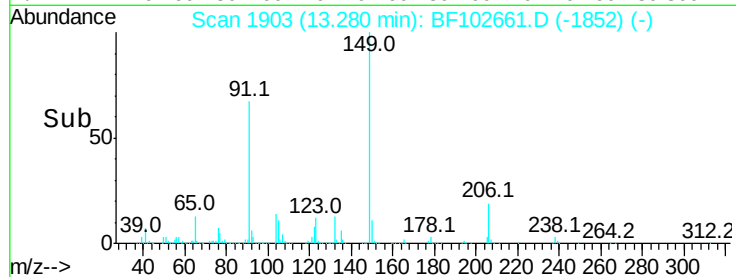
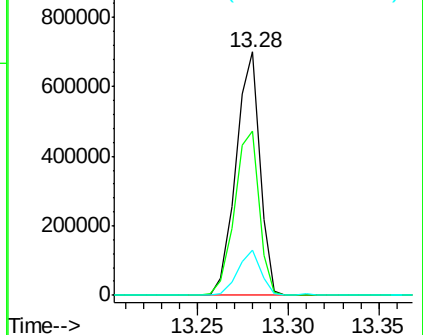
206 18.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.944 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

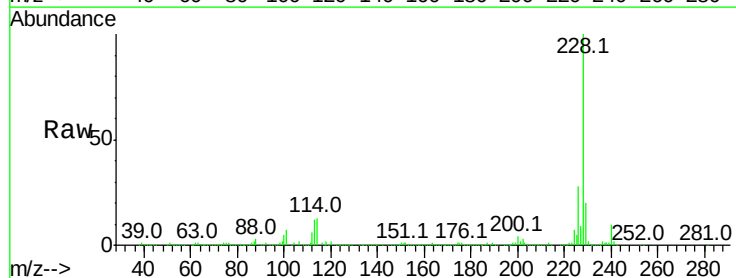
Tgt Ion:228 Resp: 1056369

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

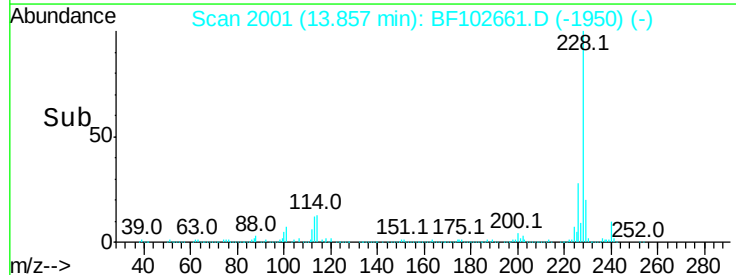
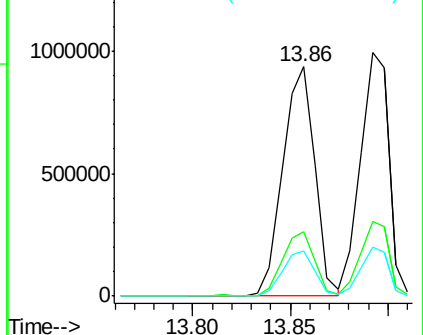
229 19.8 15.8 23.6

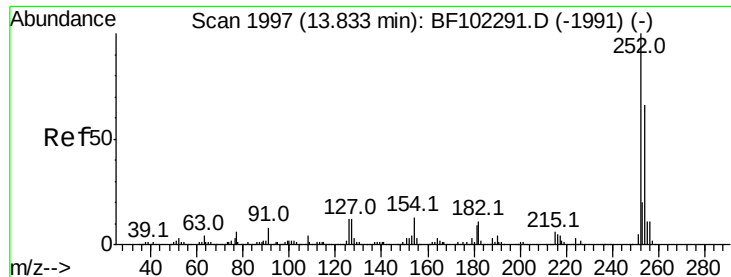


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 22.950 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

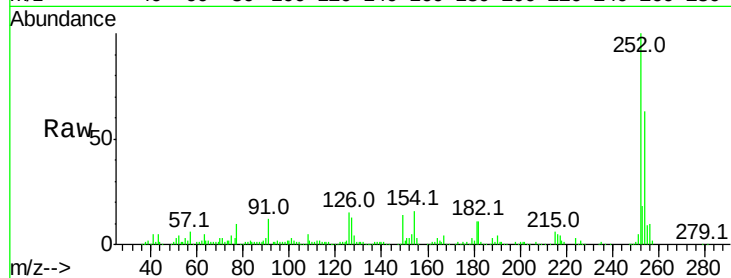
Tot Ion:252 Resp: 217205

Ion Ratio Lower Upper

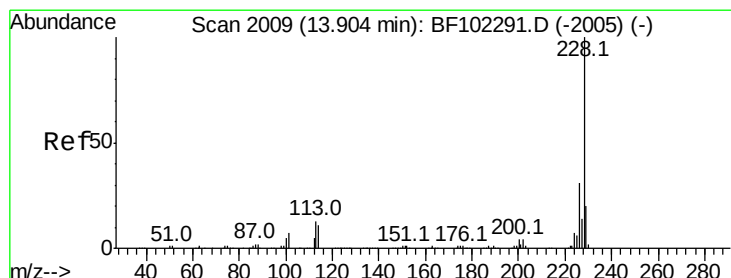
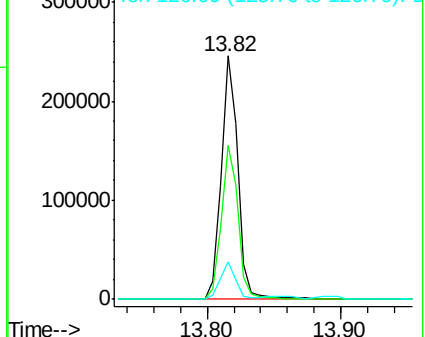
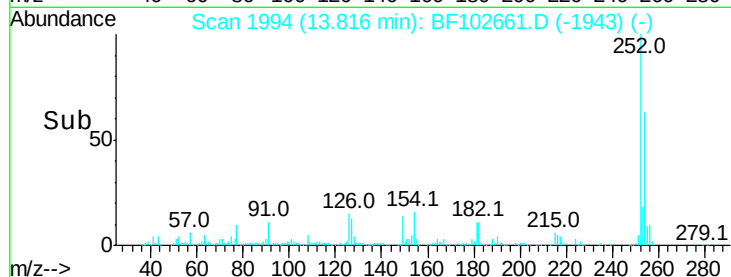
252 100

254 63.0 50.4 75.6

126 15.2 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.737 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

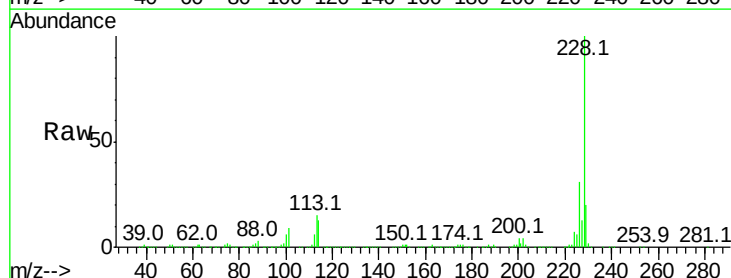
Tgt Ion:228 Resp: 1014897

Ion Ratio Lower Upper

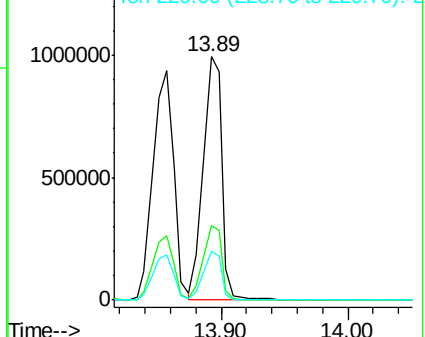
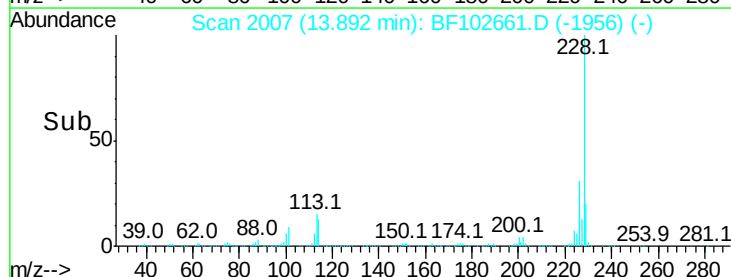
228 100

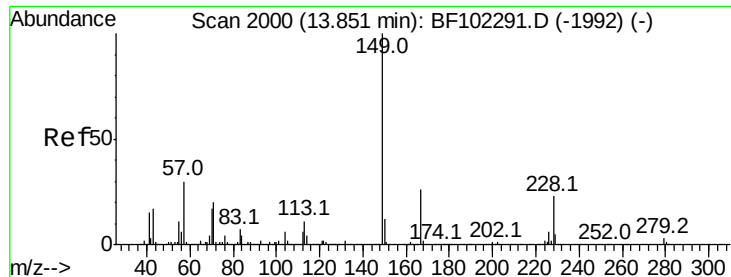
226 30.9 25.0 37.6

229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.724 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

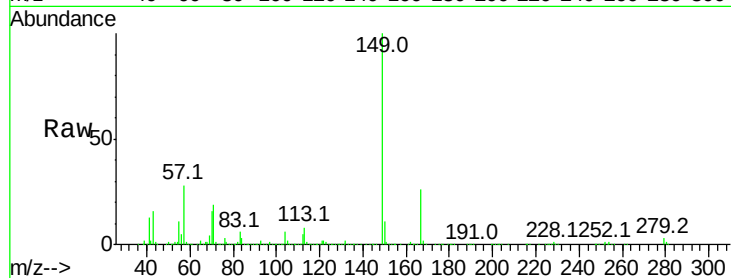
Tot Ion:149 Resp: 860784

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

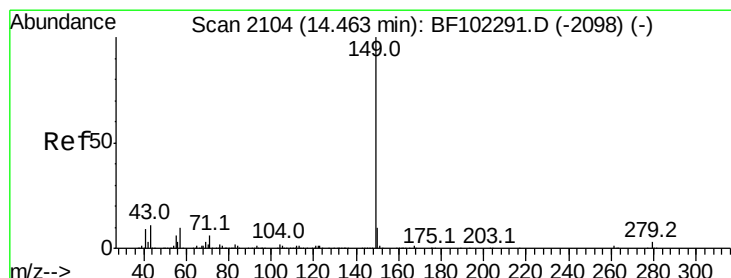
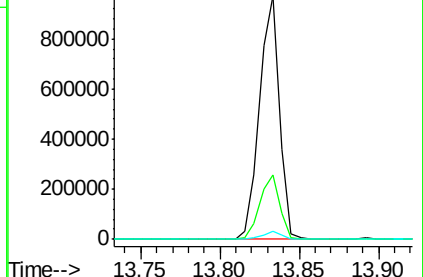
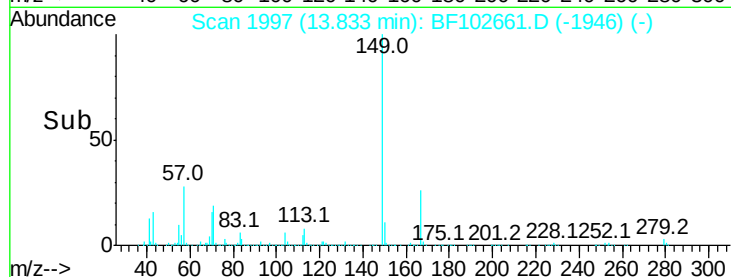
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.675 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

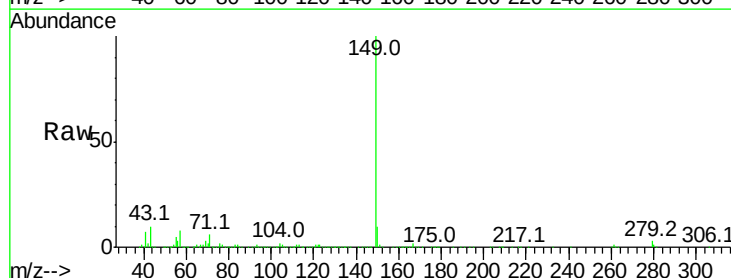
Tgt Ion:149 Resp: 1398127

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

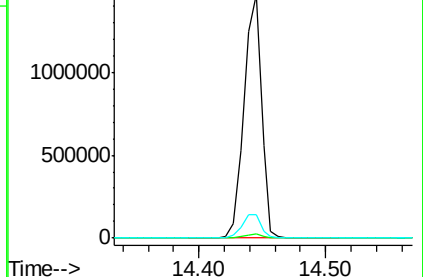
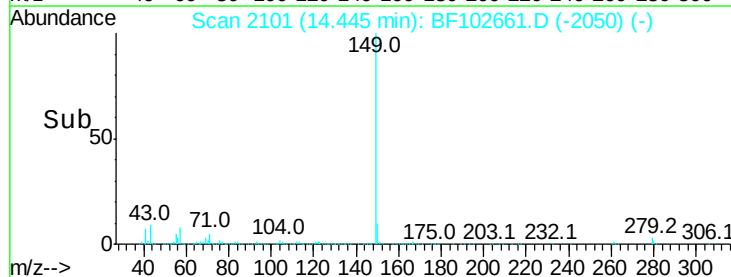
43 10.0 8.4 12.6

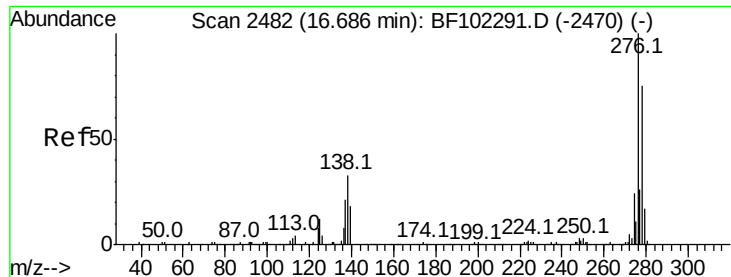


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.891 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

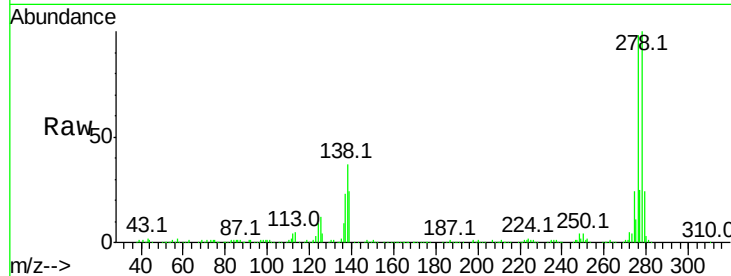
Tot Ion:276 Resp: 754967

Ion Ratio Lower Upper

276 100

138 34.0 25.0 37.6

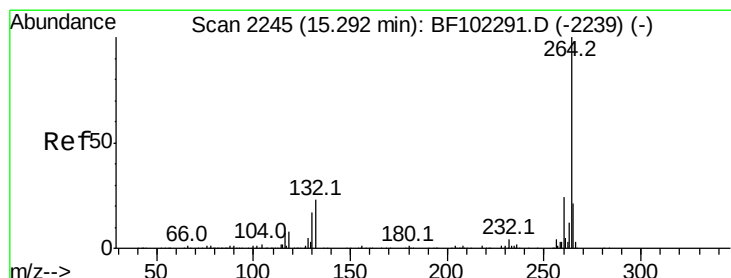
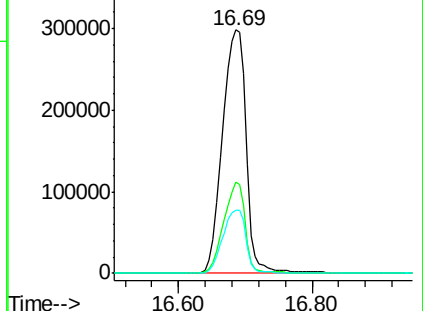
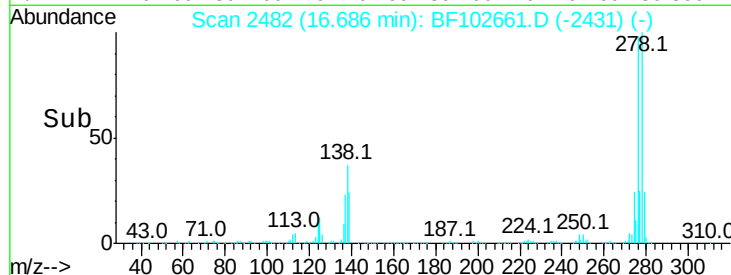
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

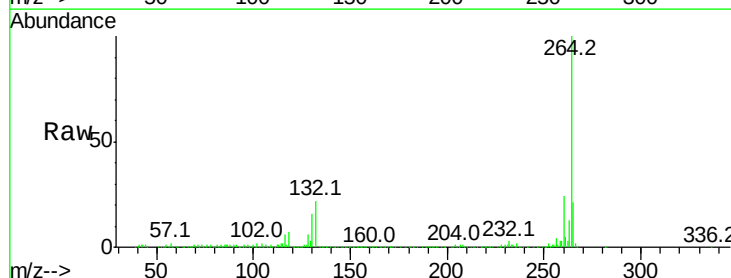
Tgt Ion:264 Resp: 347593

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

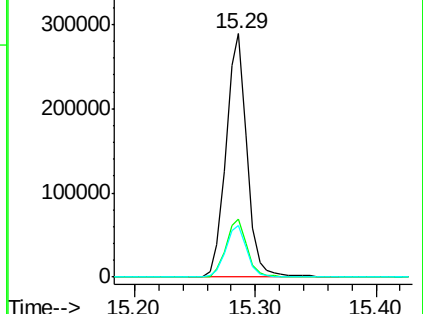
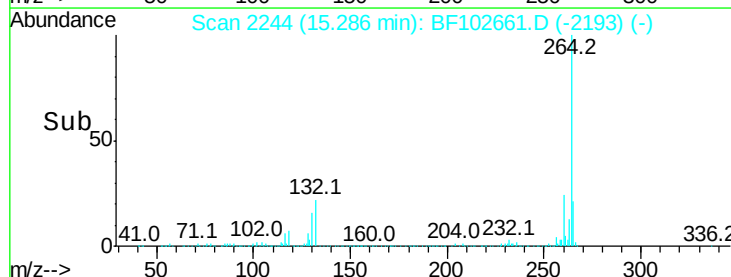
265 21.2 17.5 26.3

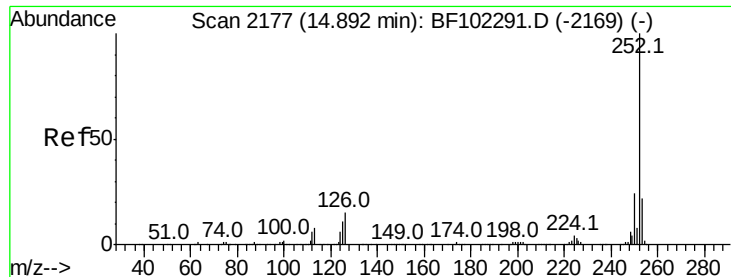


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

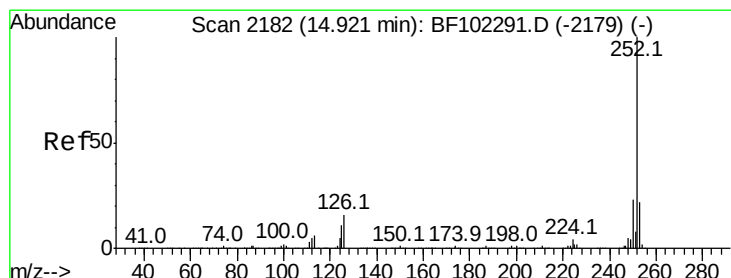
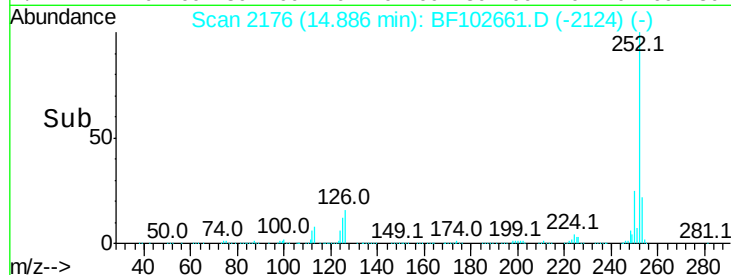
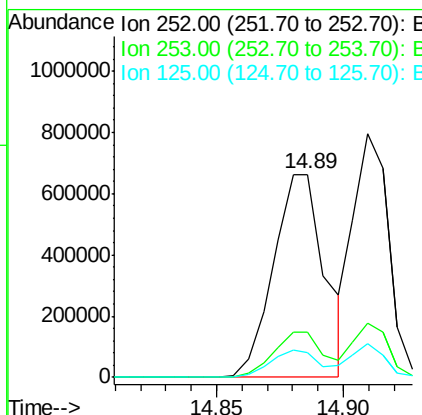
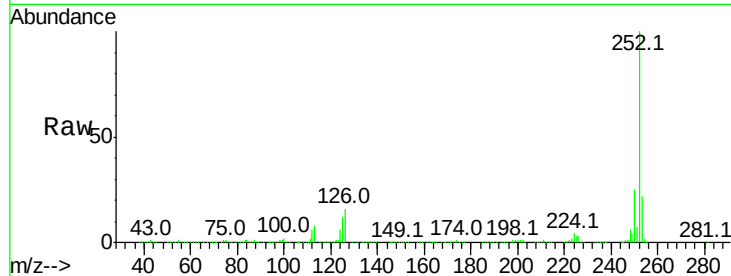




#87
Benzo(b)fluoranthene
Concen: 41.559 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

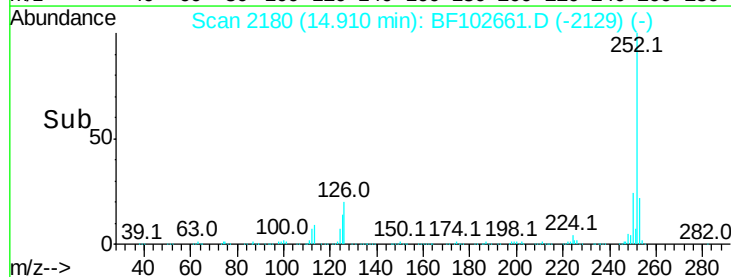
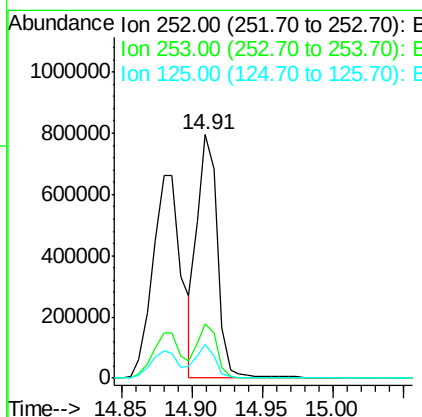
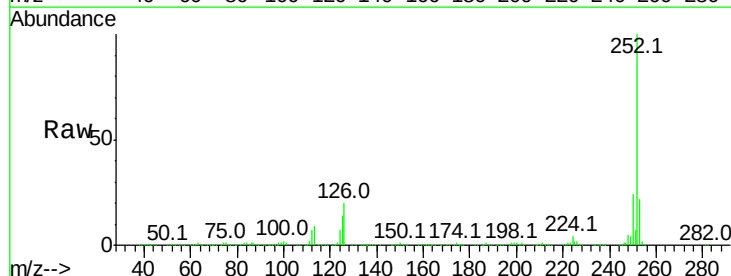
Instrument :
BNA_F
ClientSampled :

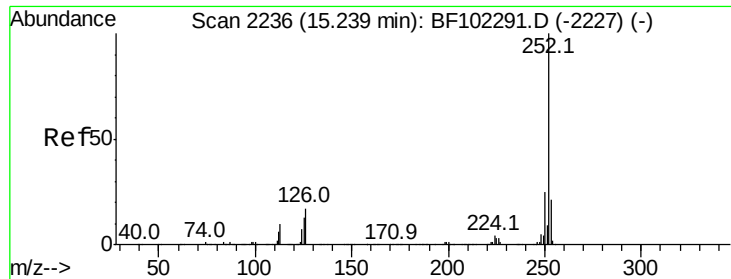
Tot Ion:252 Resp: 936293
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.959 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF102661.D
Acq: 31 Jan 2018 18:15

Tgt Ion:252 Resp: 786678
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.395 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :

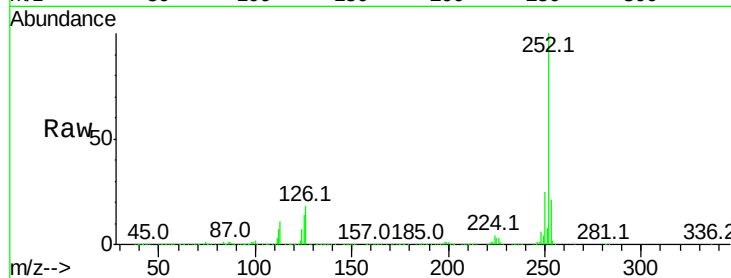
Tot Ion:252 Resp: 800472

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

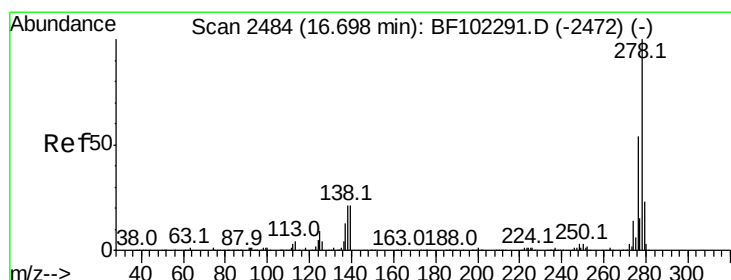
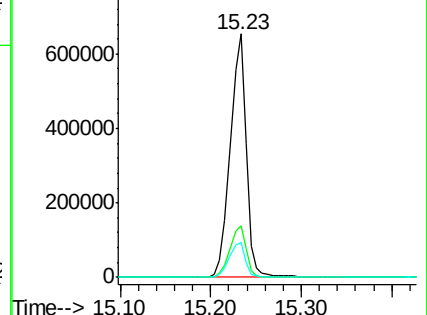
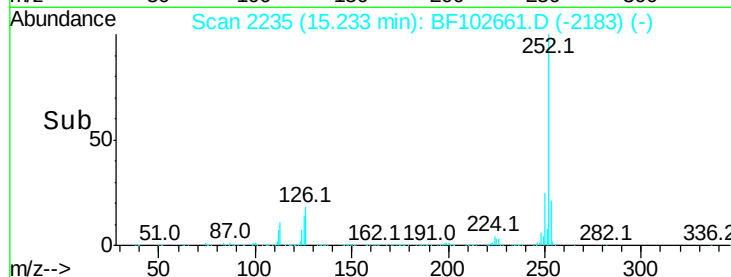
125 14.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.641 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

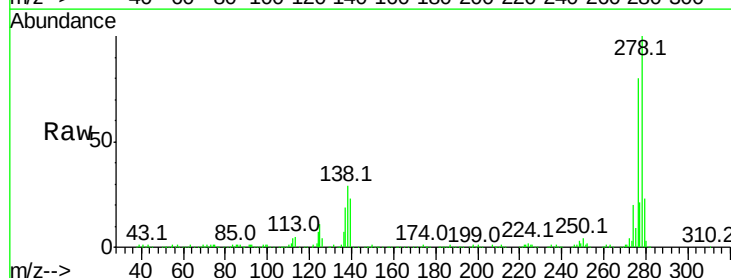
Tgt Ion:278 Resp: 619551

Ion Ratio Lower Upper

278 100

139 23.2 15.9 23.9

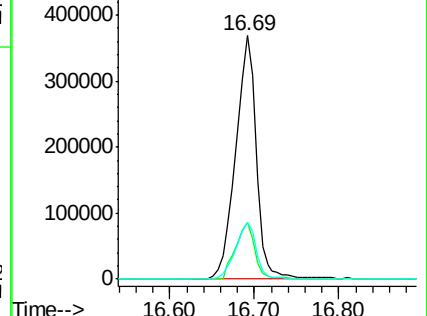
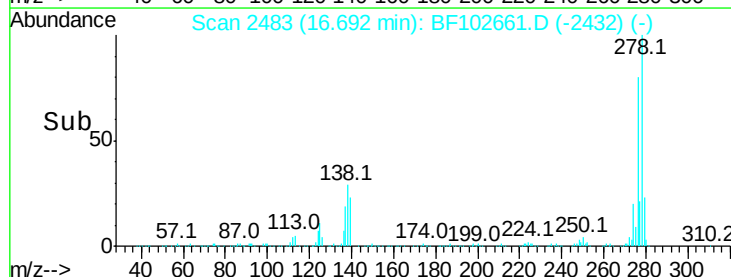
279 23.4 19.0 28.4

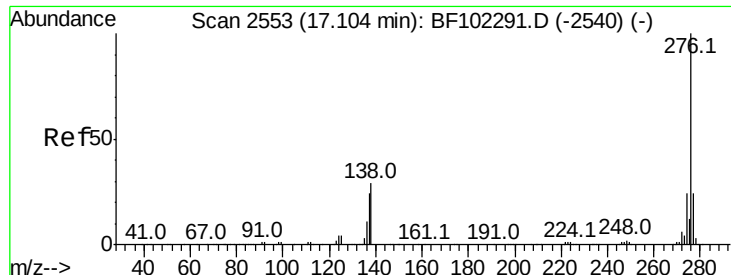


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.295 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

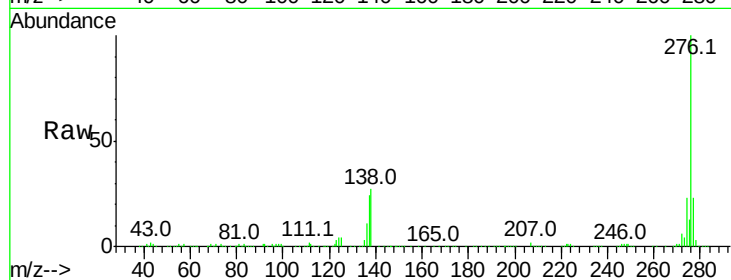
Lab File: BF102661.D

Acq: 31 Jan 2018 18:15

Instrument :

BNA_F

ClientSampleId :



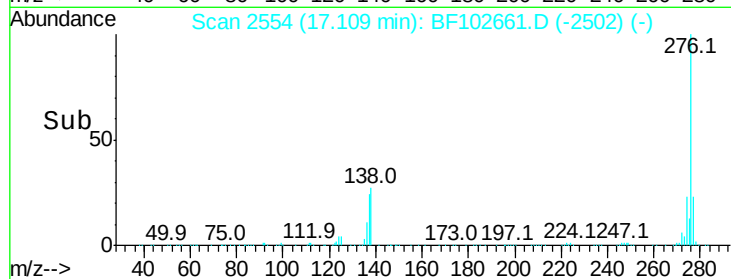
Tot Ion:276 Resp: 654862

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 27.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

