

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102408.D
 Acq On : 24 Jan 2018 23:41
 Operator : SJ/JU
 Sample : J1236-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 02:54:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	276496	20.00	ng	0.18
21) Naphthalene-d8	8.36	136	17901	20.00	ng	0.36
38) Acenaphthene-d10	10.18	164	2872	20.00	ng	0.43
63) Phenanthrene-d10	11.74	188	343	20.00	ng	0.51
75) Chrysene-d12	14.53	240	1976	20.00	ng	0.65
86) Perylene-d12	16.00	264	139	20.00	ng	0.71

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	12284	0.67	ng	0.09
7) Phenol-d6	6.59	99	115925	5.27	ng	0.24
23) Nitrobenzene-d5	7.64	82	815697	2618.60	ng	0.35
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.47	172	1223	6.26	ng	0.39
78) Terphenyl-d14	13.42	244	338	3.86	ng	0.60

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	144888	16.723	ng	98
3) Pyridine	3.15	79	399385	17.639	ng	98
4) n-Nitrosodimethylamine	3.12	42	191519	21.576	ng	97
8) 2-Chlorophenol	6.52	128	316291	16.546	ng	98
9) Benzaldehyde	6.42	77	152667	10.043	ng	# 1
10) Phenol	6.39	94	423203	17.633	ng	77
12) 1,3-Dichlorobenzene	6.91	146	318684	14.018	ng	99
13) 1,4-Dichlorobenzene	6.91	146	318684	13.994	ng	# 89
14) 1,2-Dichlorobenzene	6.91	146	318684	15.299	ng	# 90
15) Benzyl Alcohol	6.88	79	277067	17.862	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	266502	8.705	ng	# 1
17) 2-Methylphenol	7.15	107	428731	25.825	ng	# 62
18) Hexachloroethane	7.43	117	47028	5.926	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	291812	21.690	ng	# 50
20) 3+4-Methylphenols	7.29	107	49806	2.551	ng	# 1
22) Acetophenone	7.45	105	349427	818.848	ng	# 27
24) Nitrobenzene	7.62	77	69003	216.459	ng	# 58
25) Isophorone	7.88	82	28964	52.156	ng	# 1
26) 2-Nitrophenol	7.99	139	13493	80.422	ng	# 1
27) 2,4-Dimethylphenol	8.04	122	13420	55.085	ng	# 1
28) bis(2-Chloroethoxy)methane	8.09	93	3399	9.908	ng	# 1
29) 2,4-Dichlorophenol	8.19	162	78047	314.503	ng	# 35
30) 1,2,4-Trichlorobenzene	8.30	180	976	3.669	ng	# 1
31) Naphthalene	8.39	128	7757	8.679	ng	# 1
32) Benzoic acid	7.93	122	10216	50.051	ng	94
33) 4-Chloroaniline	8.42	127	4906	13.053	ng	# 63
35) Caprolactam	8.82	113	17714	216.135	ng	# 4
36) 4-Chloro-3-methylphenol	8.96	107	3682	14.076	ng	# 38
37) 2-Methylnaphthalene	8.82	142	713656	1198.967	ng	95
42) 2,4,6-Trichlorophenol	9.42	196	426	7.365	ng	# 13
43) 2,4,5-Trichlorophenol	9.42	196	426	6.541	ng	# 1
45) 1,1'-Biphenyl	9.79	154	499843	1946.403	ng	# 10
46) 2-Chloronaphthalene	9.75	162	233355	1169.050	ng	# 14
47) 2-Nitroaniline	9.72	65	98368	1580.679	ng	# 73

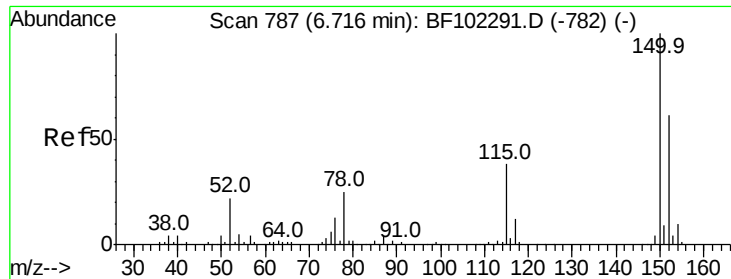
Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
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 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
48) Acenaphthylene	9.79	152	269942	868.038	nq	#	1
49) Dimethylphthalate	9.90	163	239901	1010.583	nq	#	96
50) 2,6-Dinitrotoluene	9.96	165	148844	2908.175	nq	#	75
51) Acenaphthene	10.24	154	1318	7.257	nq	#	60
52) 3-Nitroaniline	10.14	138	81677	1349.001	nq	#	60
53) 2,4-Dinitrophenol	10.24	184	2249	97.108	nq	#	49
54) Dibenzofuran	10.42	168	337104	1371.447	nq	#	1
55) 4-Nitrophenol	10.30	139	69365	1735.567	nq	#	19
56) 2,4-Dinitrotoluene	10.30	165	545788	8671.647	nq	#	26
57) Fluorene	10.77	166	585	3.003	nq	#	1
58) 2,3,4,6-Tetrachlorophenol	10.53	232	107	2.301	nq	#	1
59) Diethylphthalate	10.61	149	3779	16.382	nq	#	85
60) 4-Chlorophenyl-phenylether	10.66	204	873	10.338	nq	#	1
61) 4-Nitroaniline	10.78	138	1795	29.710	nq	#	1
62) Azobenzene	10.78	77	92132	436.221	nq	#	47
64) 4,6-Dinitro-2-methylphenol	10.82	198	2451	1071.076	nq	#	39
65) n-Nitrosodiphenylamine	10.90	169	5830	463.087	nq	#	51
66) 4-Bromophenyl-phenylether	11.16	248	109	29.520	nq	#	1
68) Atrazine	11.45	200	781	210.046	nq	#	1
69) Pentachlorophenol	11.59	266	378	174.250	nq	#	19
70) Phenanthrene	11.76	178	1158	57.937	nq	#	1
71) Anthracene	11.83	178	7431	364.249	nq	#	28
72) Carbazole	11.96	167	2946	148.020	nq	#	1
73) Di-n-butylphthalate	12.32	149	992	39.875	nq	#	48
74) Fluoranthene	12.96	202	11580	568.141	nq	#	1
76) Benzidine	13.18	184	488	7.352	nq	#	1
77) Pyrene	13.28	202	701	4.588	nq	#	1
79) Butylbenzylphthalate	13.86	149	485536	6386.093	nq	#	24
80) Benzo(a)anthracene	14.56	228	1012	8.319	nq	#	33
81) 3,3'-Dichlorobenzidine	14.50	252	520	11.652	nq	#	1
82) Chrysene	14.56	228	1012	8.192	nq	#	39
83) Bis(2-ethylhexyl)phthalate	14.47	149	713128	6979.396	nq	#	57
84) Di-n-octyl phthalate	15.16	149	404	2.431	nq	#	1
85) Indeno(1,2,3-cd)pyrene	17.41	276	250	2.450	nq	#	1
87) Benzo(b)fluoranthene	15.33	252	3435	381.273	nq	#	7
88) Benzo(k)fluoranthene	15.62	252	415	48.756	nq	#	1
89) Benzo(a)pyrene	15.93	252	121	14.892	nq	#	1
90) Dibenzo(a,h)anthracene	17.19	278	338	51.352	nq	#	1

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

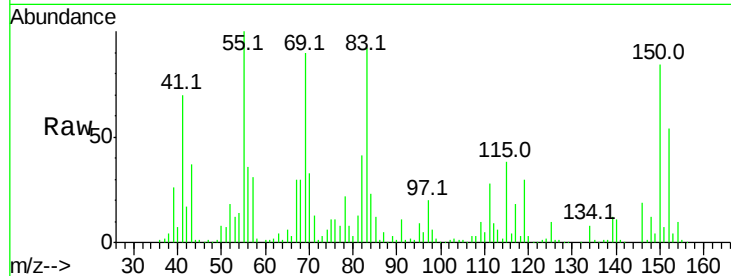


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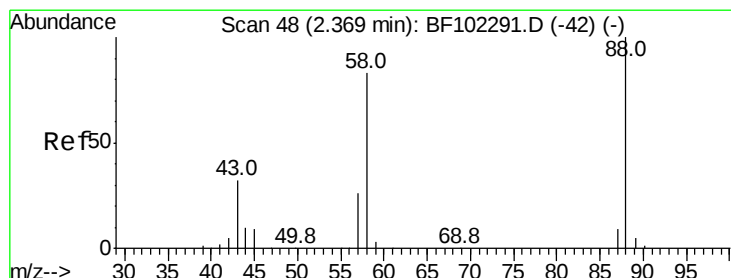
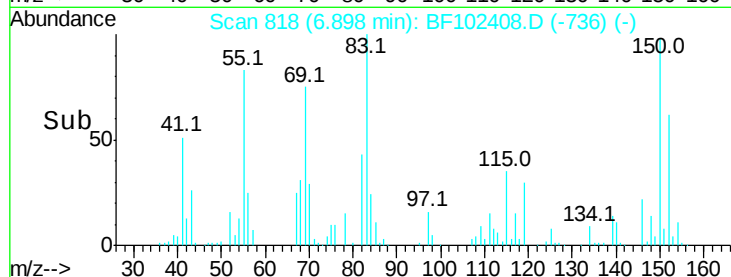
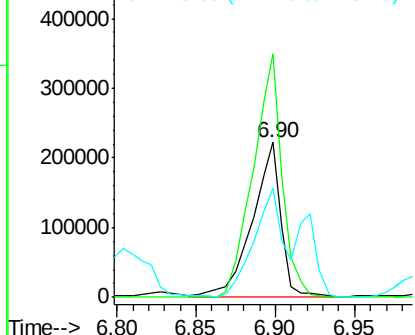
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.18 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 276496
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 70.3 50.1 75.1



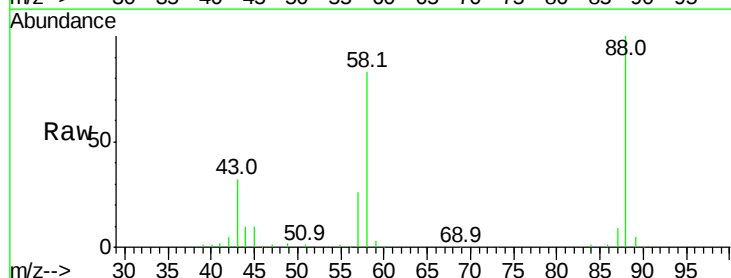
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



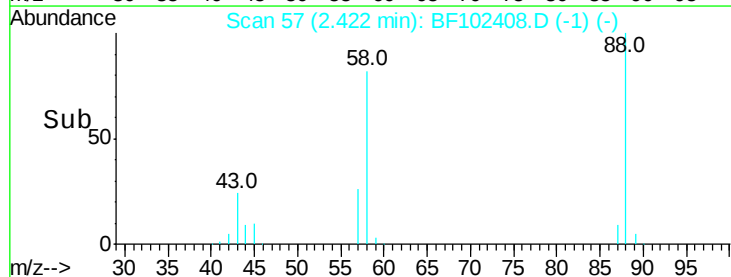
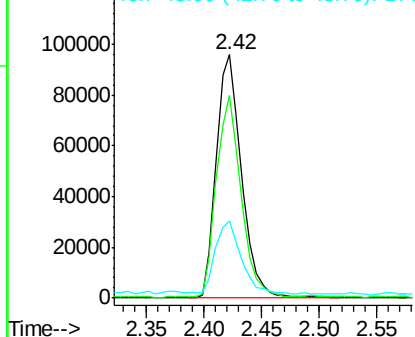
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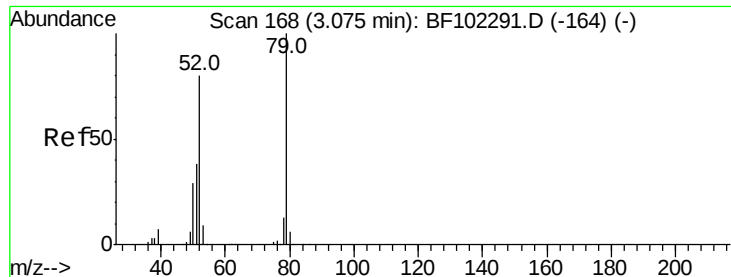
1,4-Dioxane
Concen: 16.723 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.05 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion: 88 Resp: 144888
Ion Ratio Lower Upper
88 100
58 80.9 62.6 93.8
43 31.3 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

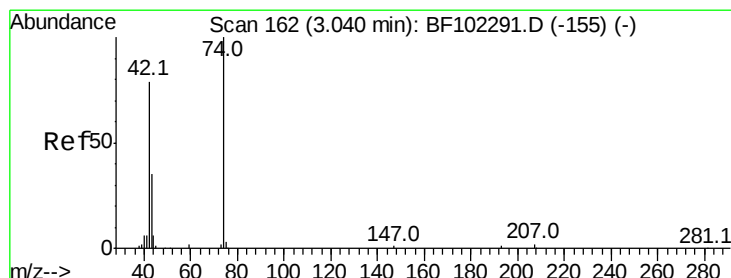
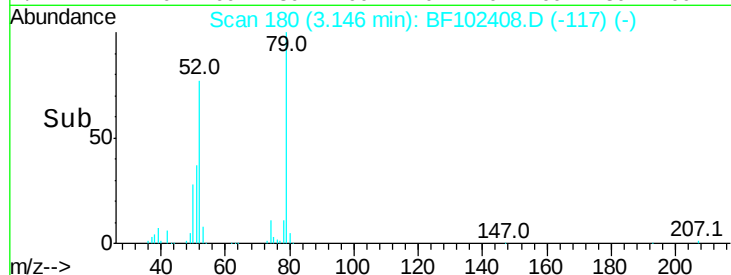
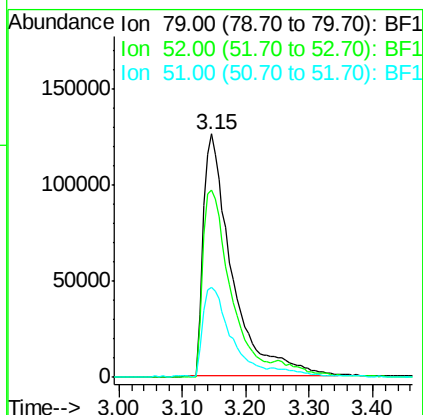
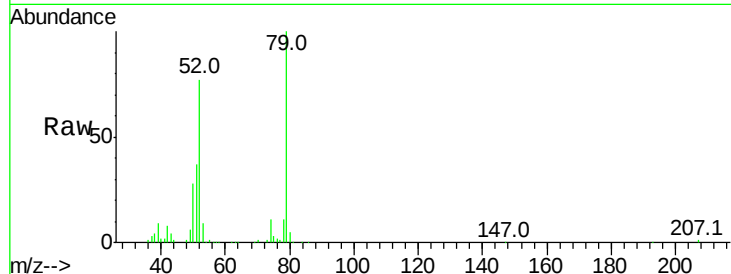




#3
 Pvridine
 Concen: 17.639 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.07 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

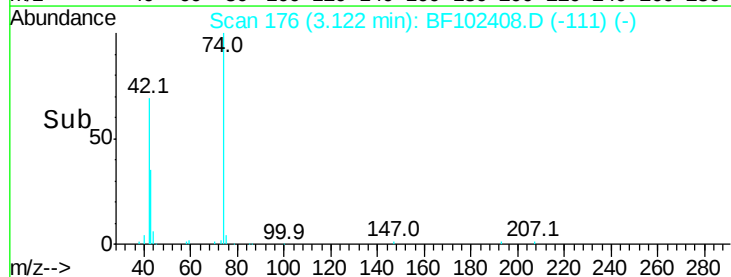
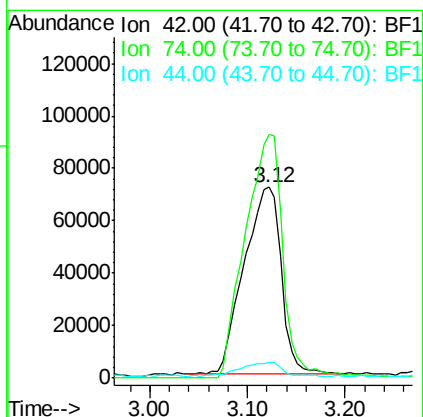
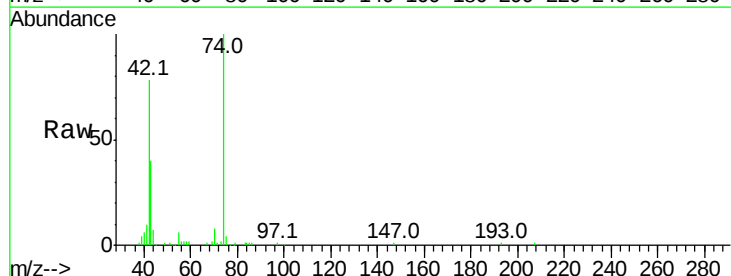
Instrument :
 BNA_F
 ClientSampleId :

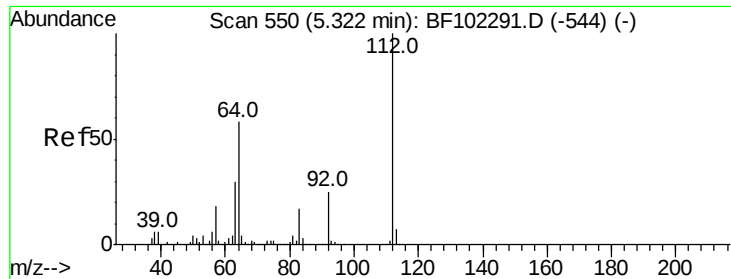
Tot Ion: 79 Resp: 399385
 Ion Ratio Lower Upper
 79 100
 52 77.2 59.8 89.6
 51 37.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 21.576 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.08 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion: 42 Resp: 191519
 Ion Ratio Lower Upper
 42 100
 74 127.5 104.9 157.3
 44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 0.674 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.09 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

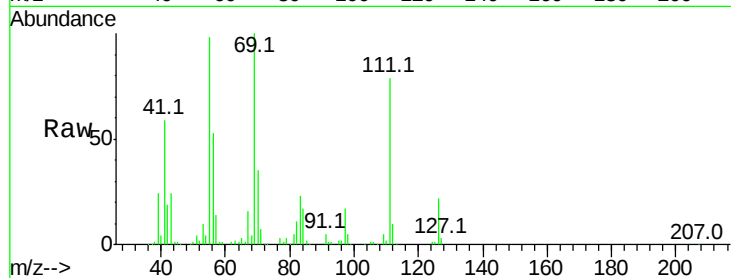
Tot Ion:112 Resp: 12284

Ion Ratio Lower Upper

112 100

64 9.2 47.9 71.9#

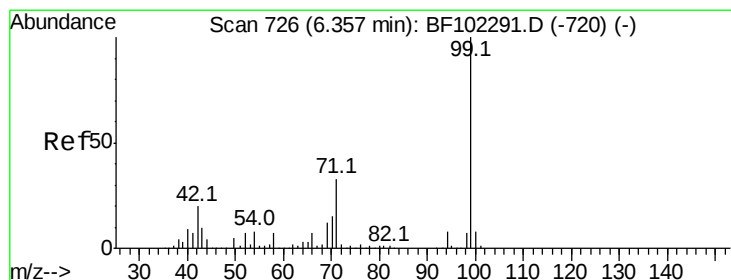
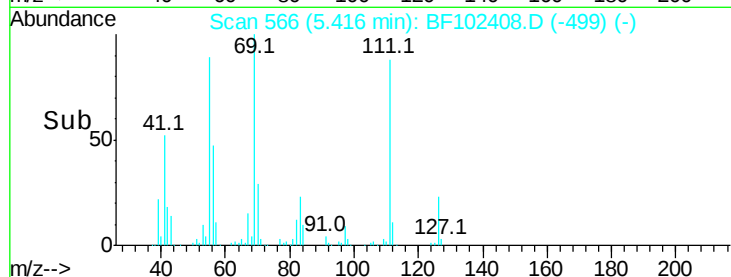
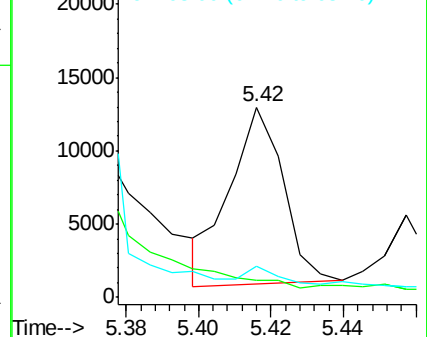
63 16.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 5.273 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.24 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

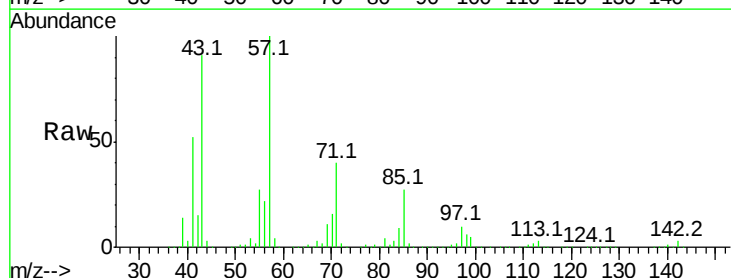
Tgt Ion: 99 Resp: 115925

Ion Ratio Lower Upper

99 100

42 283.8 14.5 21.7#

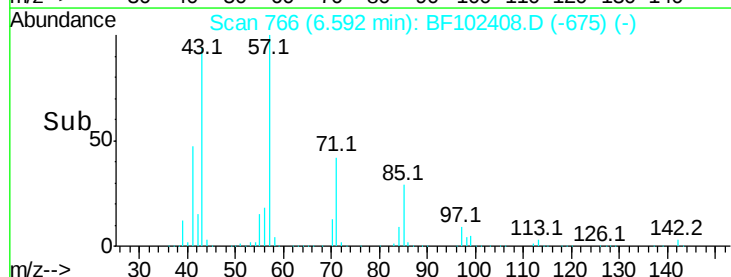
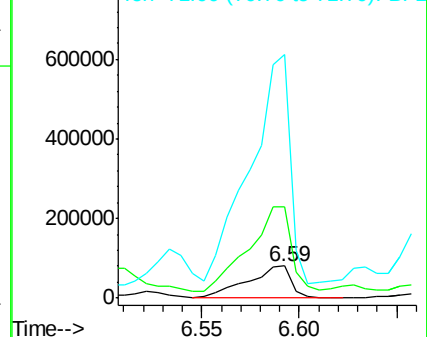
71 759.0 25.4 38.0#

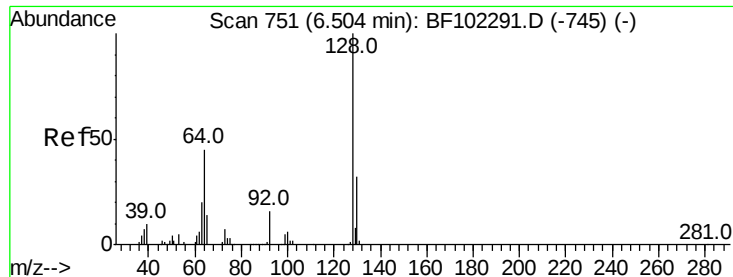


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 16.546 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

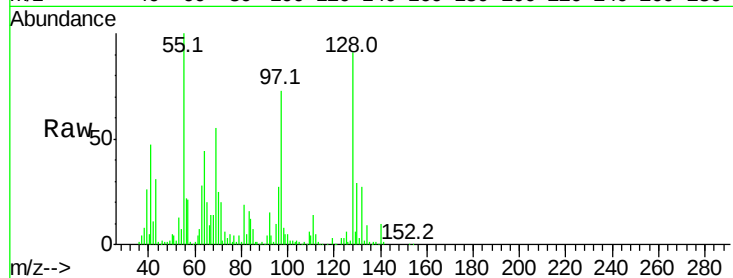
Tot Ion:128 Resp: 316291

Ion Ratio Lower Upper

128 100

130 31.3 13.0 53.0

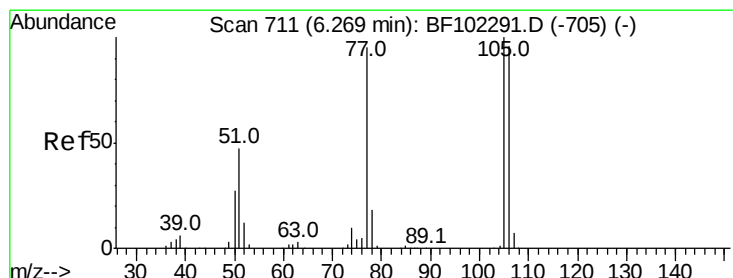
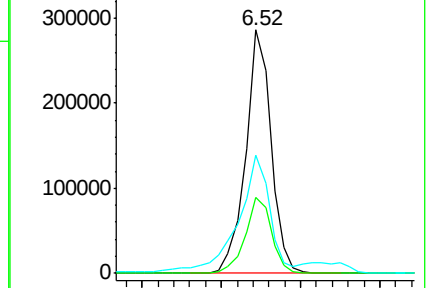
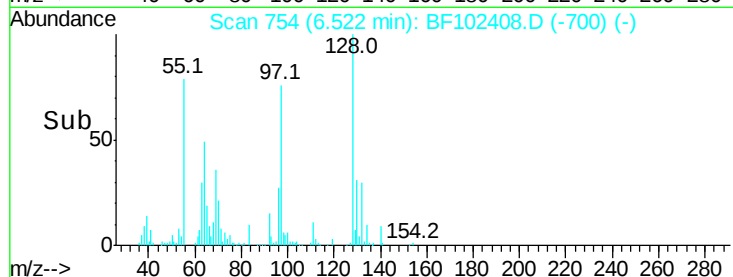
64 48.7 29.4 69.4



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: 10.043 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.15 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

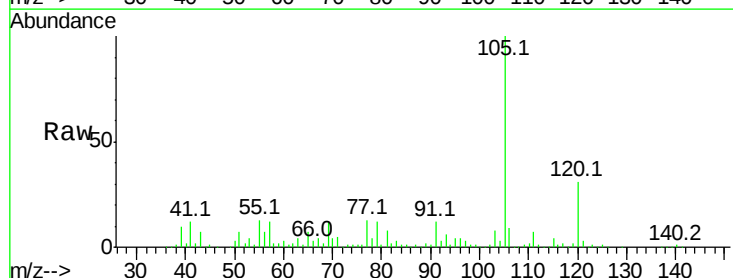
Tgt Ion: 77 Resp: 152667

Ion Ratio Lower Upper

77 100

105 766.1 81.1 121.1#

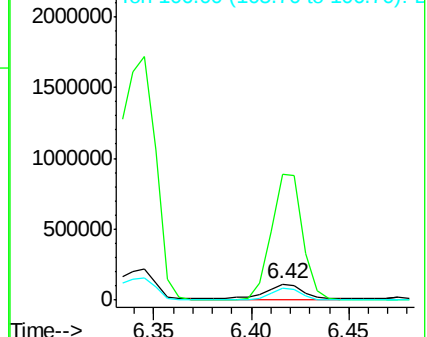
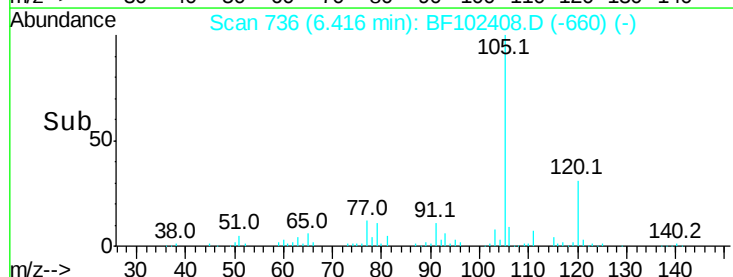
106 70.7 74.5 114.5#

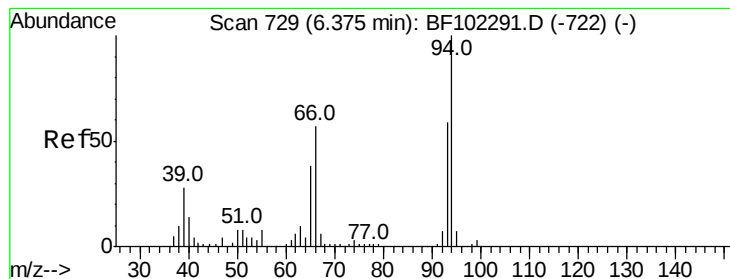


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 17.633 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampled :

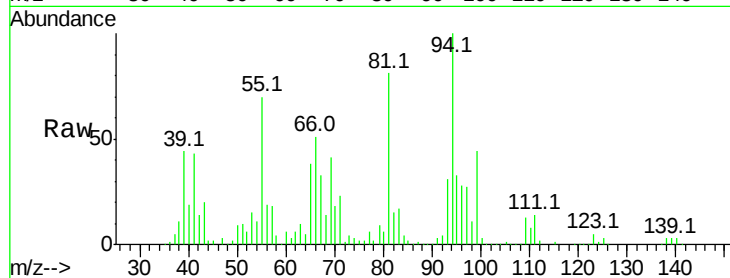
Tot Ion: 94 Resp: 423203

Ion Ratio Lower Upper

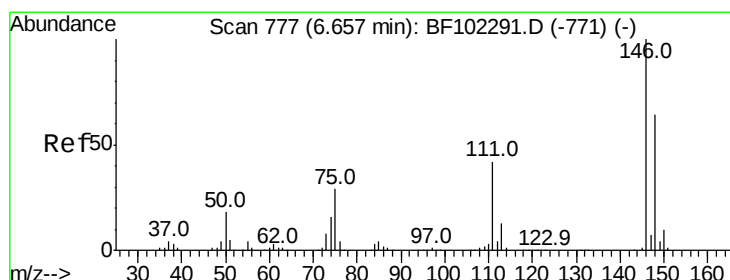
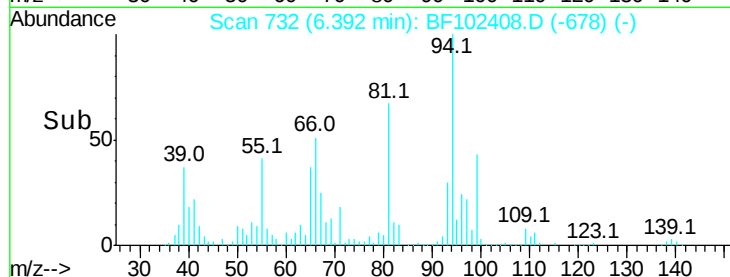
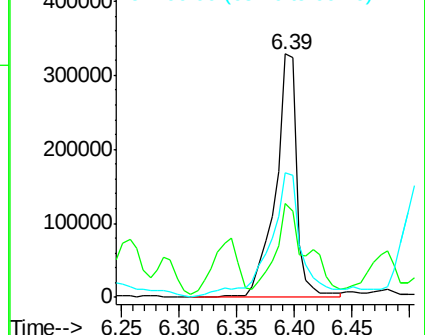
94 100

65 38.5 7.9 47.9

66 51.2 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



#12

1,3-Dichlorobenzene

Concen: 14.018 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.25 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

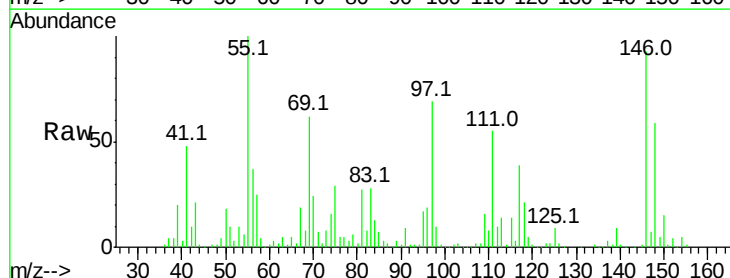
Tgt Ion: 146 Resp: 318684

Ion Ratio Lower Upper

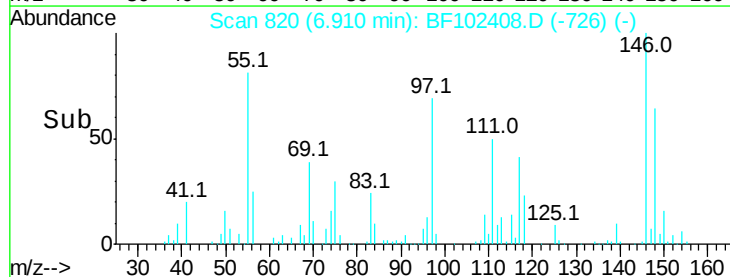
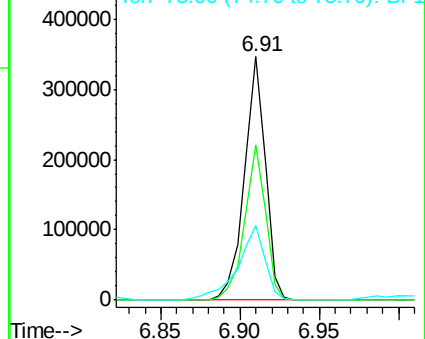
146 100

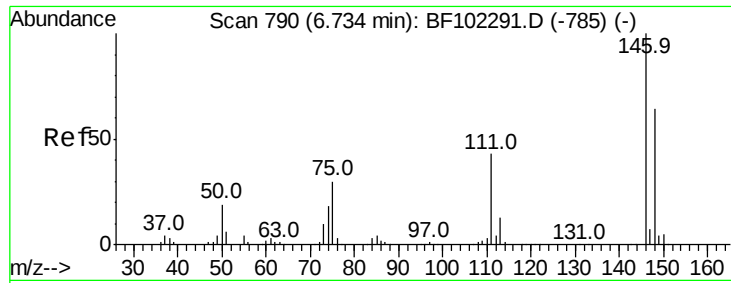
148 63.9 51.8 77.8

75 30.8 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: 13.994 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.18 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampled :

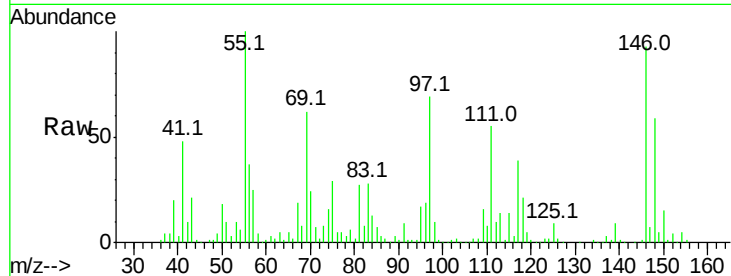
Tot Ion:146 Resp: 318684

Ion Ratio Lower Upper

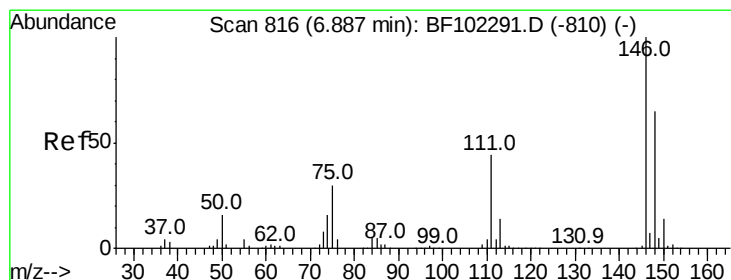
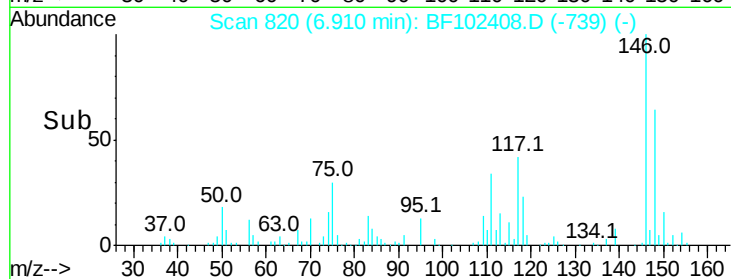
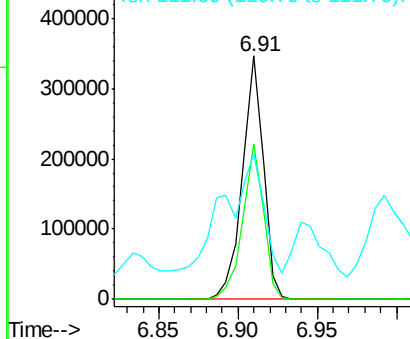
146 100

148 63.9 50.8 76.2

111 59.8 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: 15.299 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

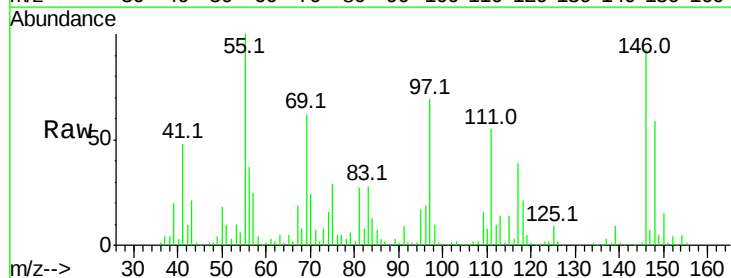
Tgt Ion:146 Resp: 318684

Ion Ratio Lower Upper

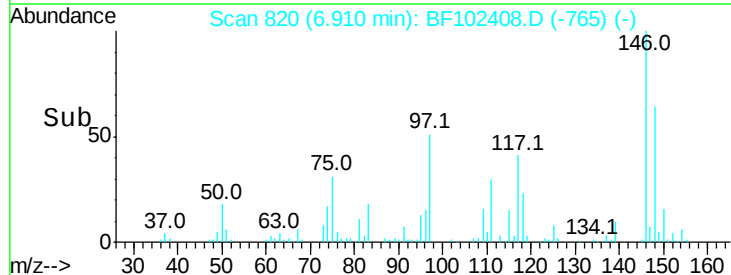
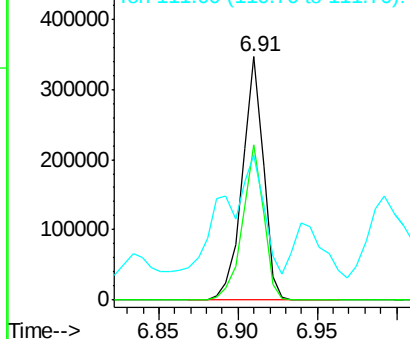
146 100

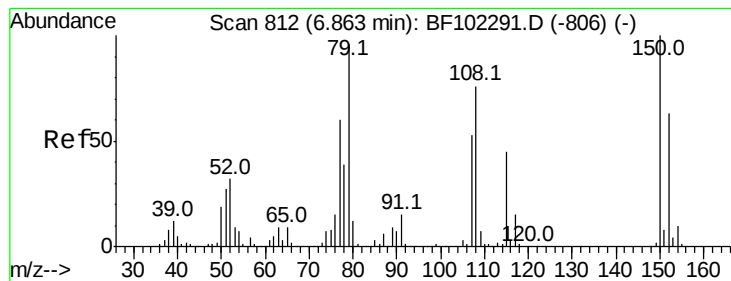
148 63.9 50.6 75.8

111 59.8 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: 17.862 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :

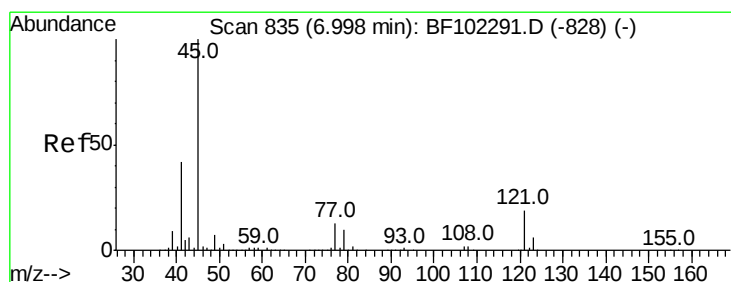
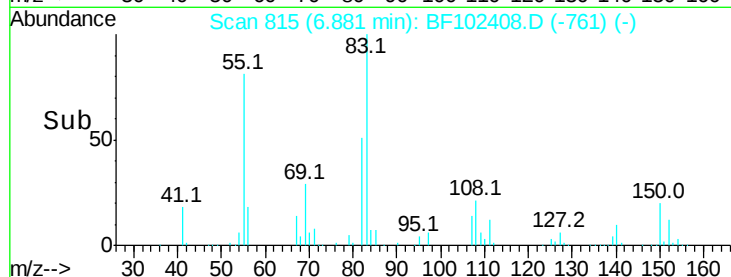
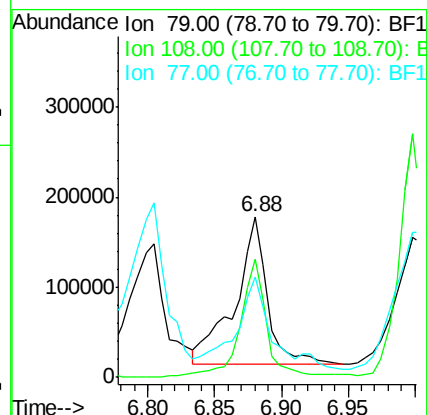
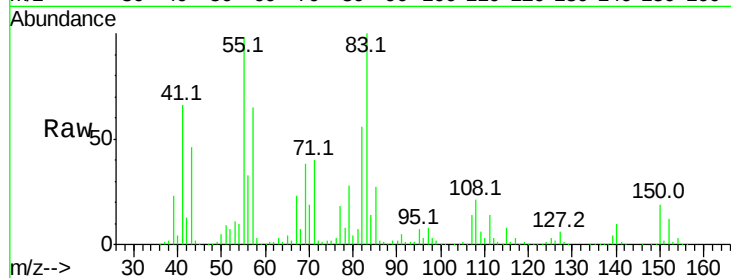
Tot Ion: 79 Resp: 277067

Ion Ratio Lower Upper

79 100

108 73.4 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.705 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

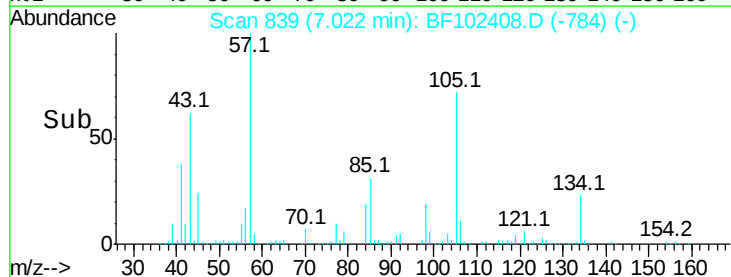
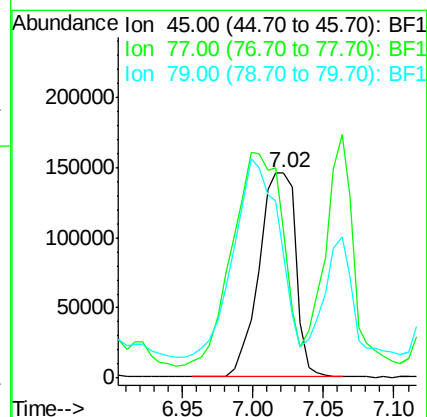
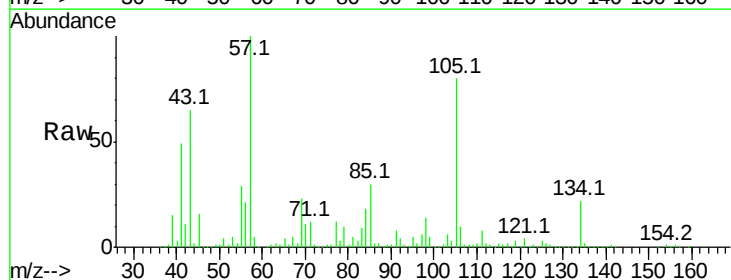
Tgt Ion: 45 Resp: 266502

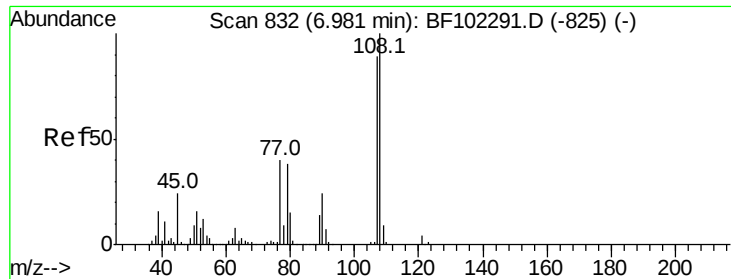
Ion Ratio Lower Upper

45 100

77 72.4 0.0 32.9#

79 60.8 0.0 29.6#

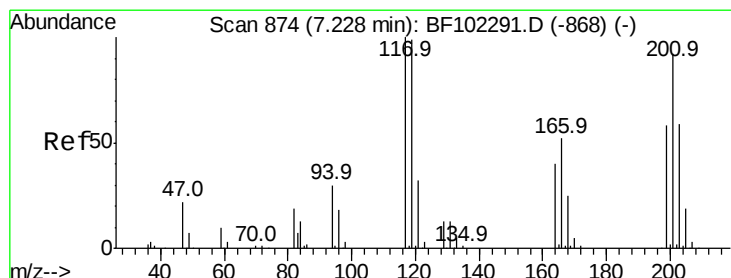
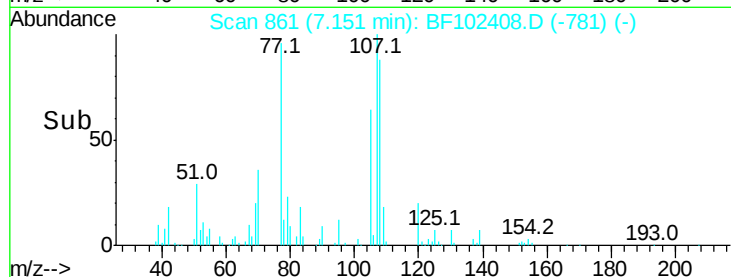
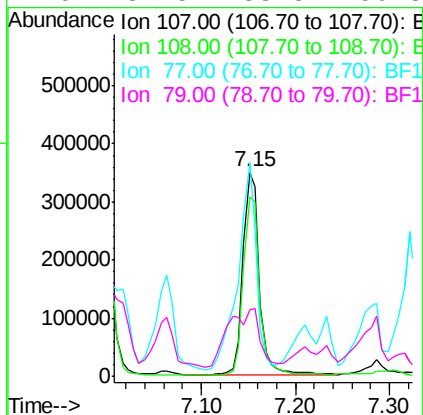
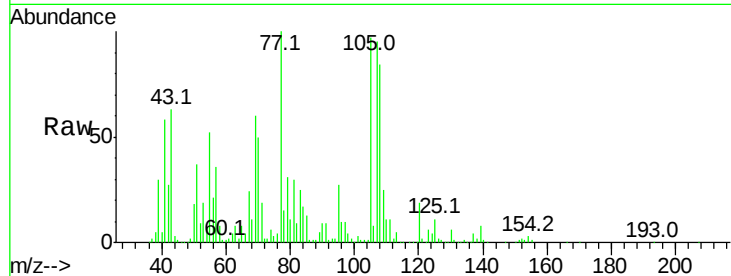




#17
2-Methylphenol
Concen: 25.825 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.17 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

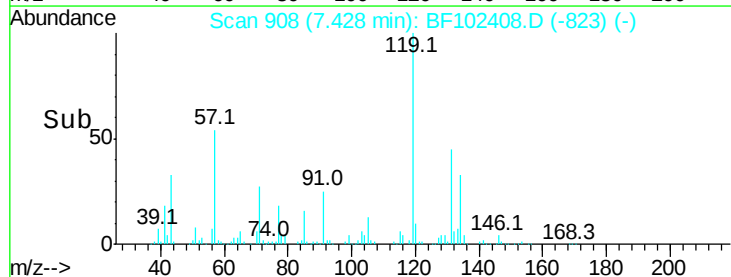
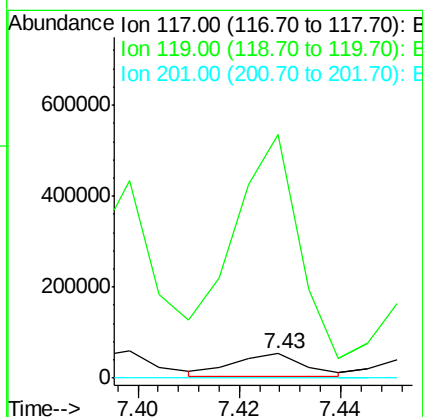
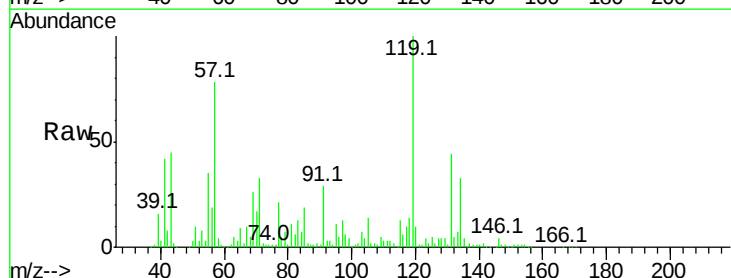
Instrument :
BNA_F
ClientSampled :

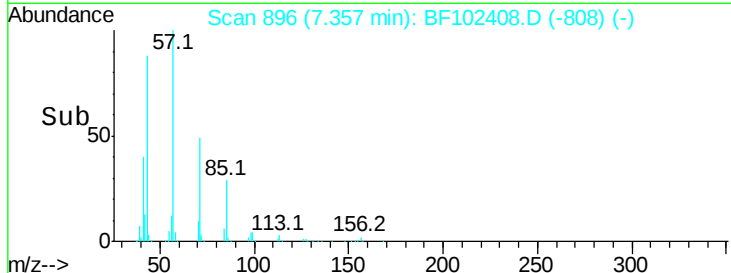
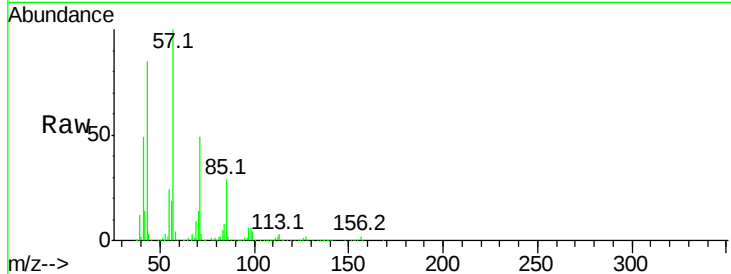
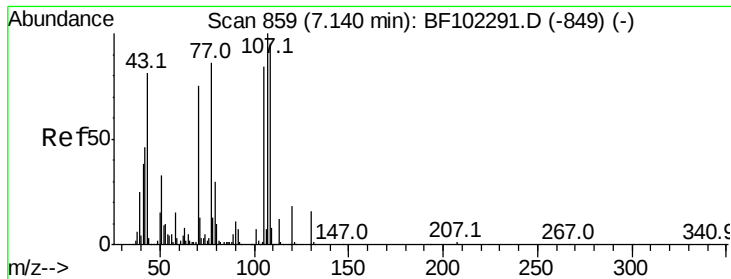
Tot Ion:107 Resp: 428731
Ion Ratio Lower Upper
107 100
108 88.2 91.7 137.5#
77 104.8 33.8 50.8#
79 32.5 33.8 50.8#



#18
Hexachloroethane
Concen: 5.926 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.20 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:117 Resp: 47028
Ion Ratio Lower Upper
117 100
119 1000.7 75.8 113.8#
201 0.0 75.7 113.5#

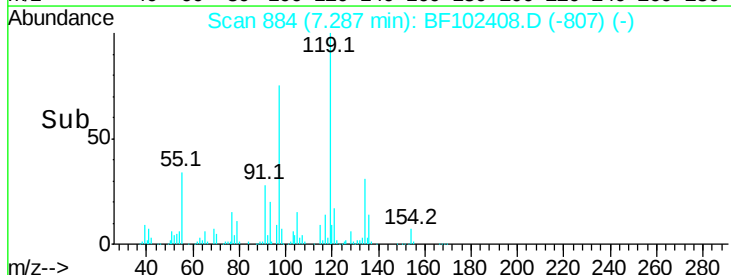
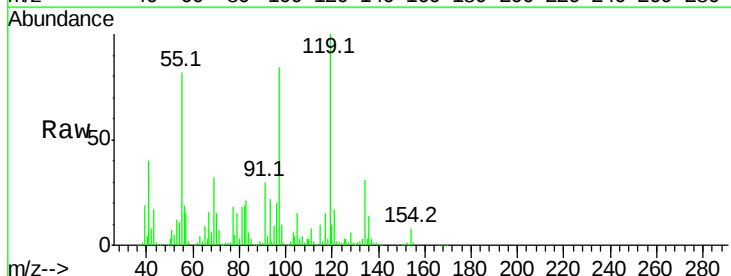
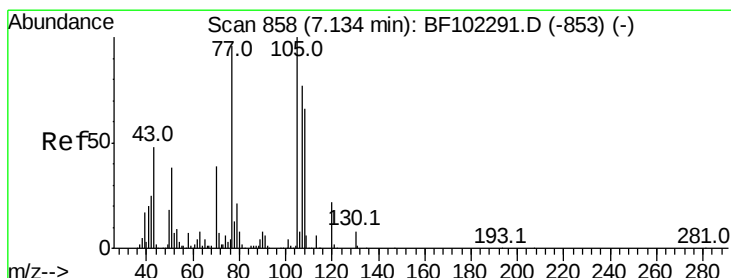
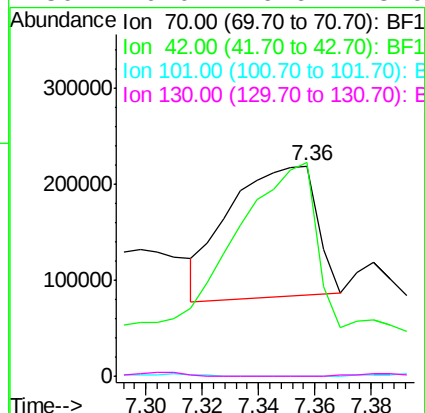




#19
n-Nitroso-di-n-propylamine
Concen: 21.690 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.22 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

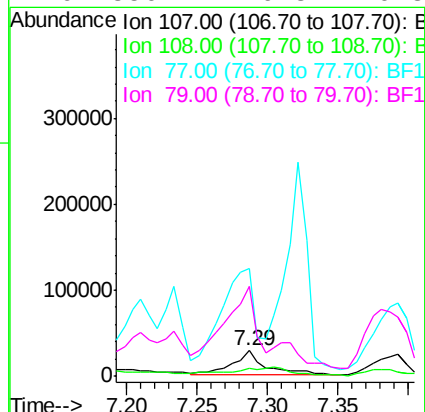
Instrument :
BNA_F
ClientSampleId :

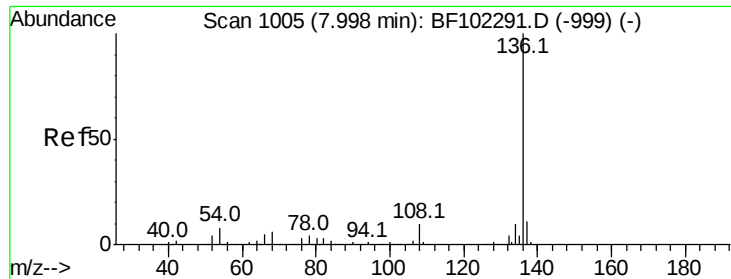
Tot Ion	Ratio	Lower	Upper
70	100		
42	101.5	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#20
3+4-Methylphenols
Concen: 2.551 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	32.1	68.2	108.2#
77	430.3	26.7	66.7#
79	356.4	6.3	46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 17901

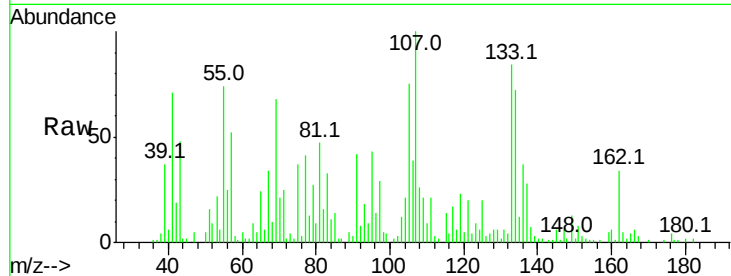
Ion Ratio Lower Upper

136 100

137 75.8 8.9 13.3#

54 15.9 6.6 9.8#

68 26.6 5.0 7.4#



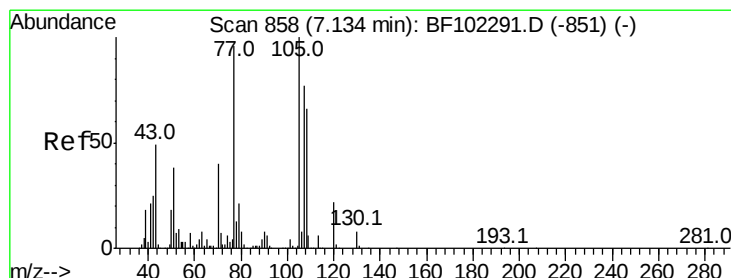
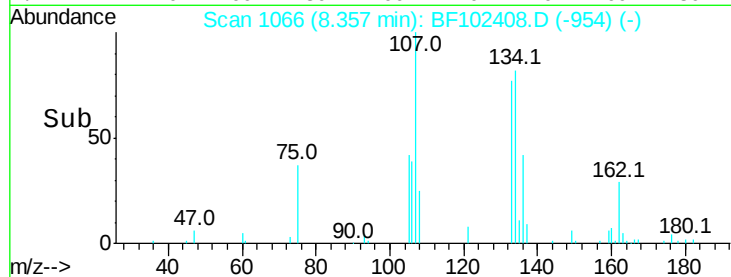
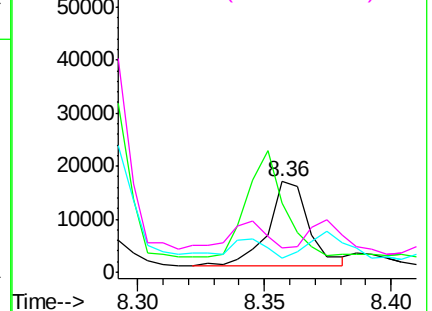
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 818.848 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.32 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:105 Resp: 349427

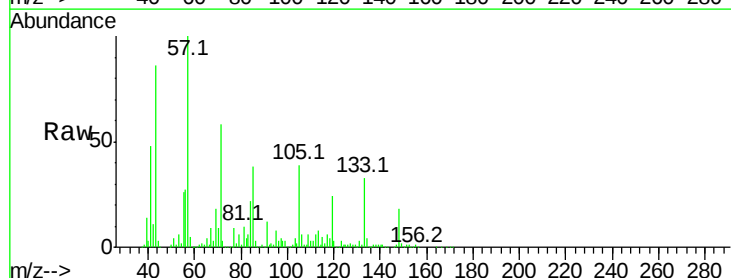
Ion Ratio Lower Upper

105 100

71 150.2 4.4 6.6#

51 9.6 22.3 33.5#

120 6.8 16.9 25.3#



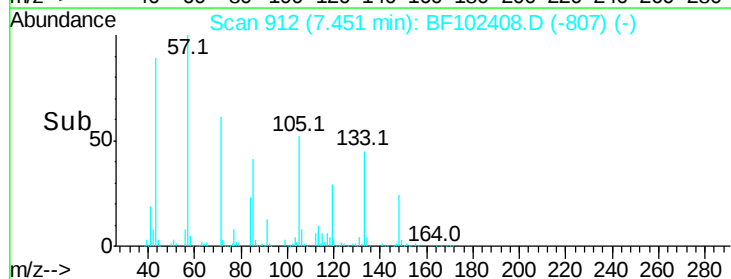
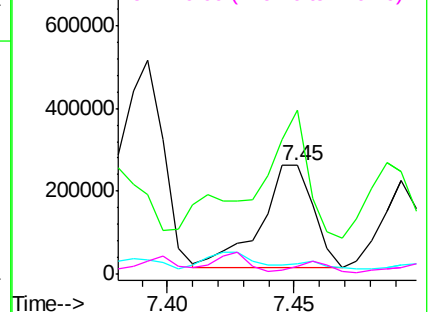
Abundance

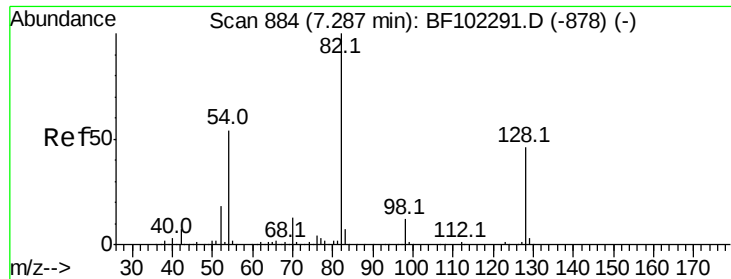
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

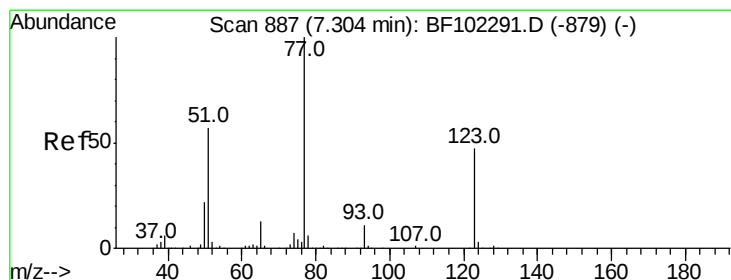
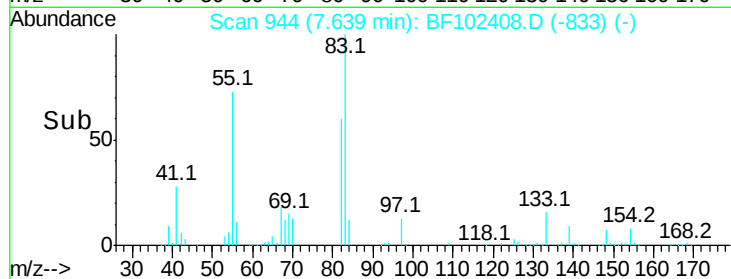
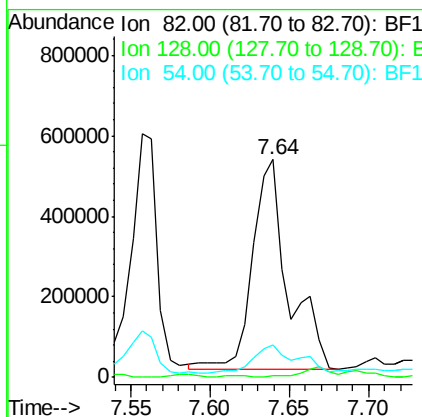
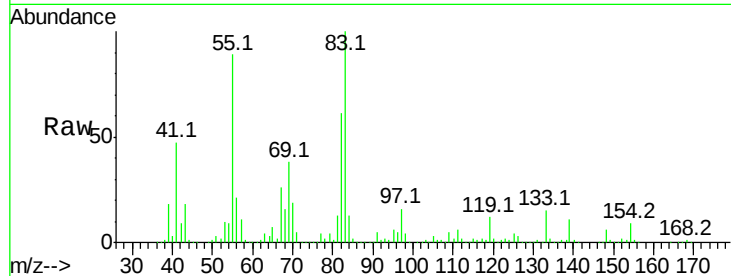




#23
Nitrobenzene-d5
Concen: 2618.601 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.35 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

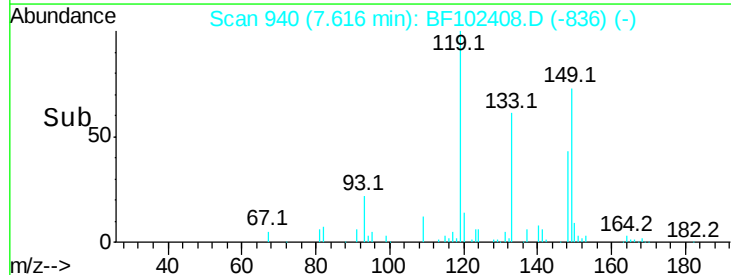
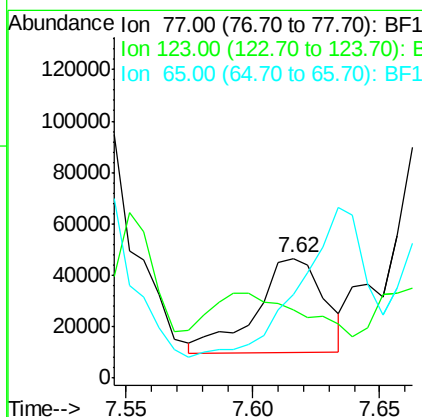
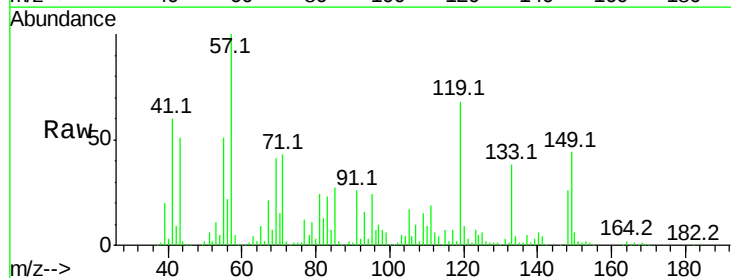
Instrument :
BNA_F
ClientSampleId :

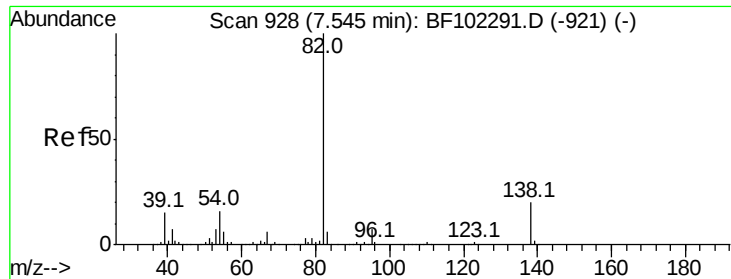
Tot Ion: 82 Resp: 815697
Ion Ratio Lower Upper
82 100
128 0.7 36.1 54.1#
54 15.2 41.4 62.2#



#24
Nitrobenzene
Concen: 216.459 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.31 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion: 77 Resp: 69003
Ion Ratio Lower Upper
77 100
123 57.1 37.9 56.9#
65 69.5 11.0 16.4#





#25

Isophorone

Concen: 52.156 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.34 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

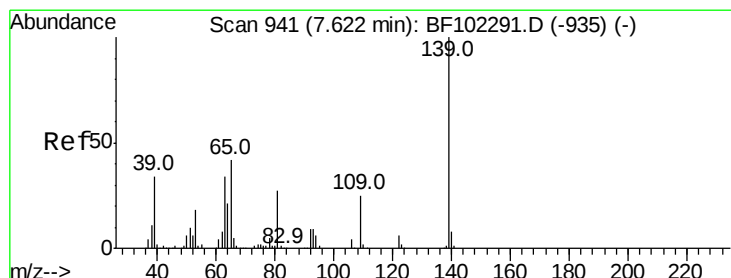
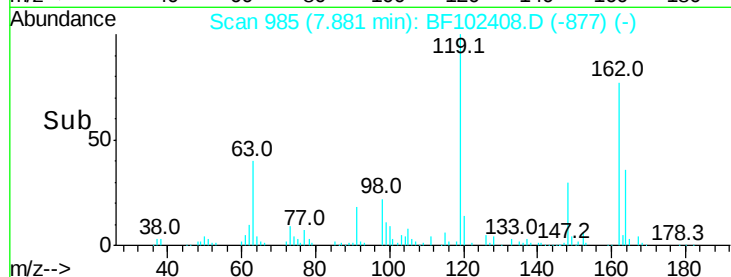
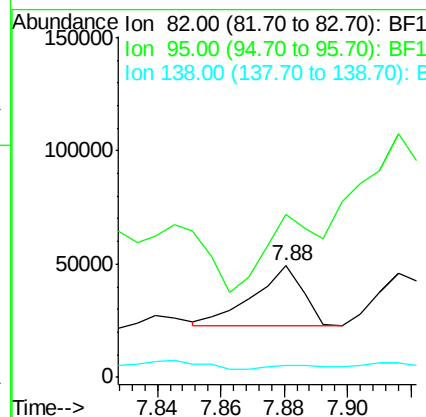
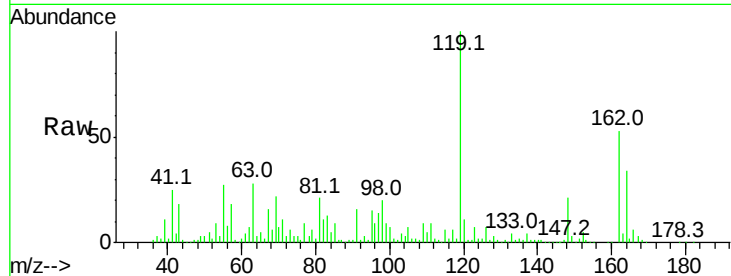
Tot Ion: 82 Resp: 28964

Ion Ratio Lower Upper

82 100

95 146.0 5.2 7.8#

138 11.1 14.9 22.3#



#26

2-Nitrophenol

Concen: 80.422 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.36 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

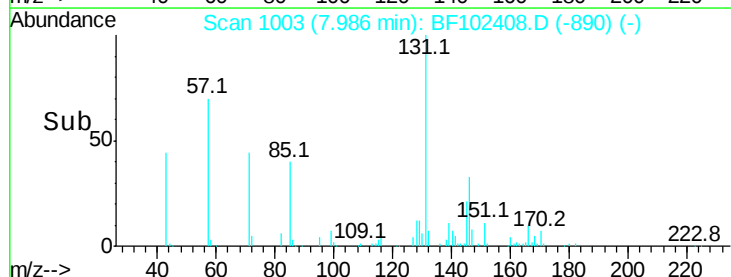
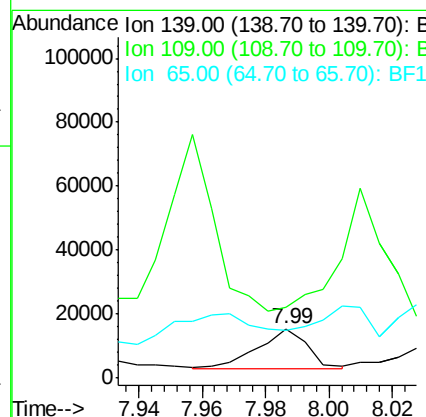
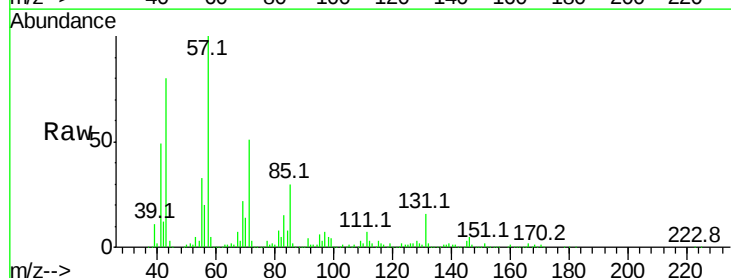
Tgt Ion: 139 Resp: 13493

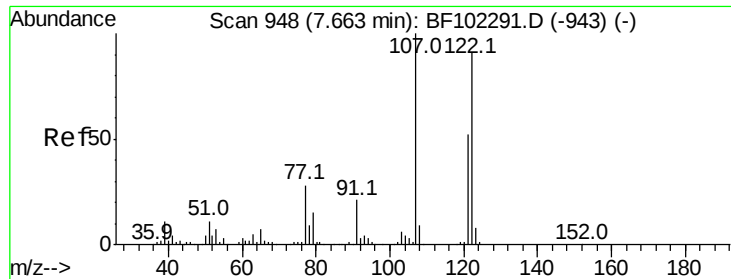
Ion Ratio Lower Upper

139 100

109 143.2 22.7 34.1#

65 96.6 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 55.085 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.38 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

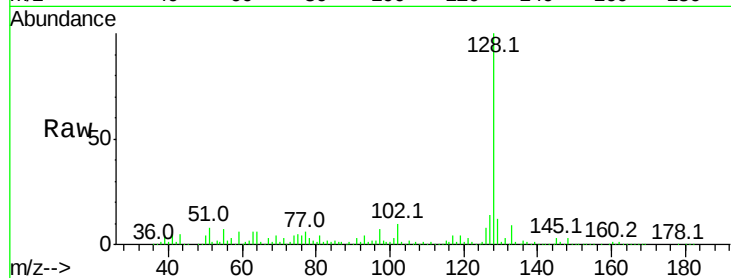
Tot Ion:122 Resp: 13420

Ion Ratio Lower Upper

122 100

107 96.0 91.2 136.8

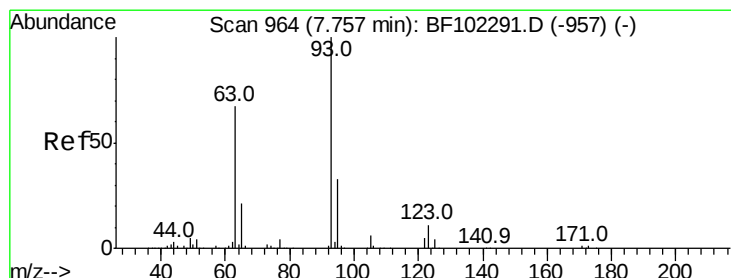
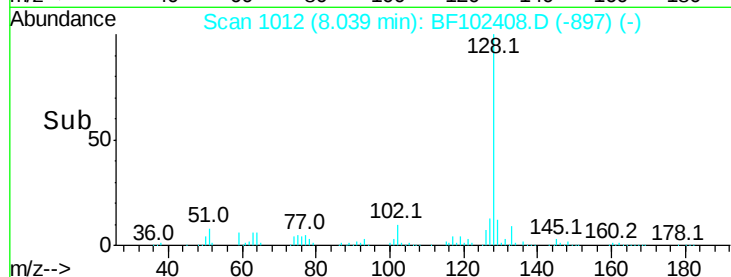
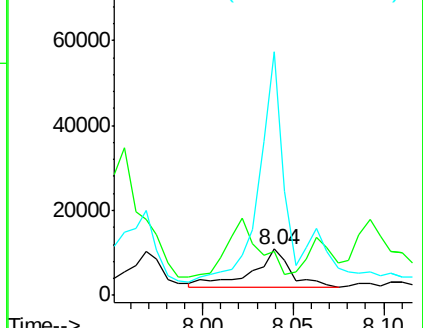
121 528.2 47.2 70.8#



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: 9.908 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.34 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

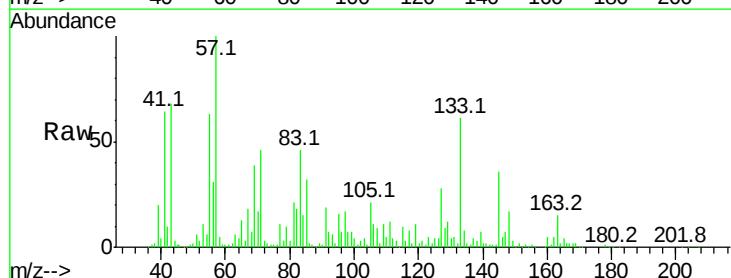
Tgt Ion: 93 Resp: 3399

Ion Ratio Lower Upper

93 100

95 277.2 26.3 39.5#

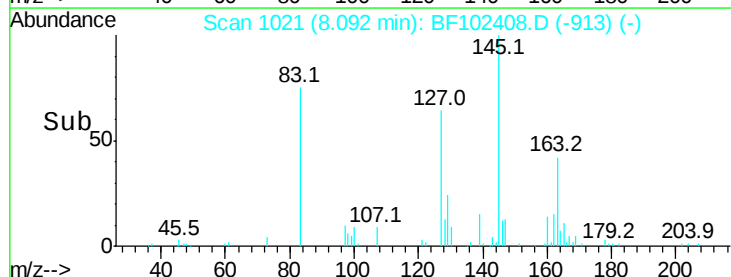
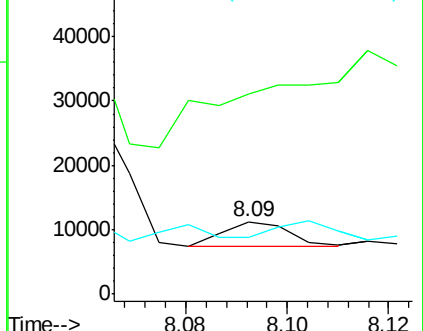
123 77.8 9.8 14.6#

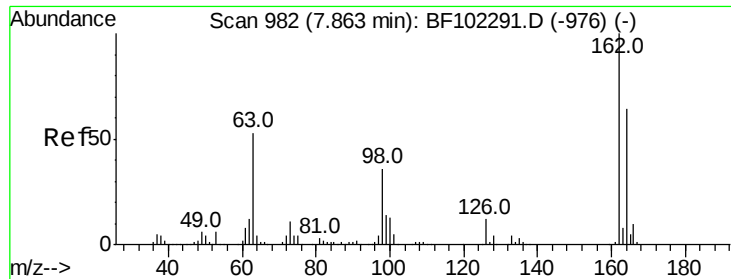


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

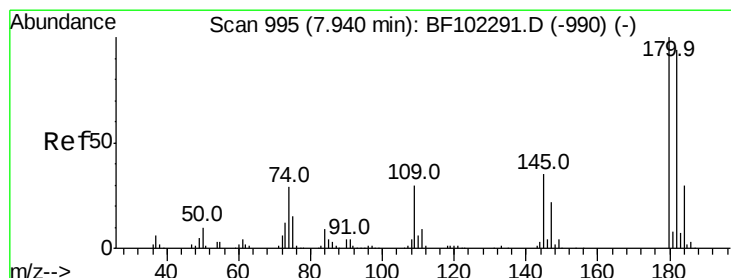
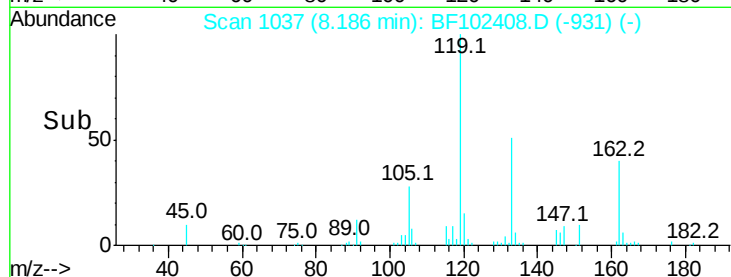
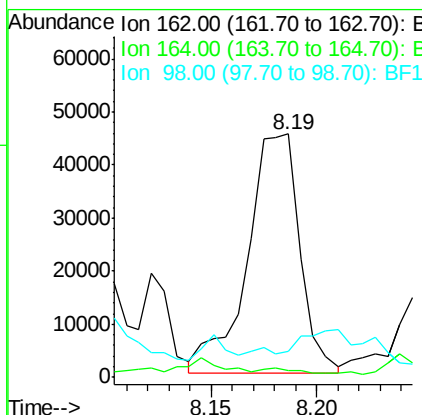
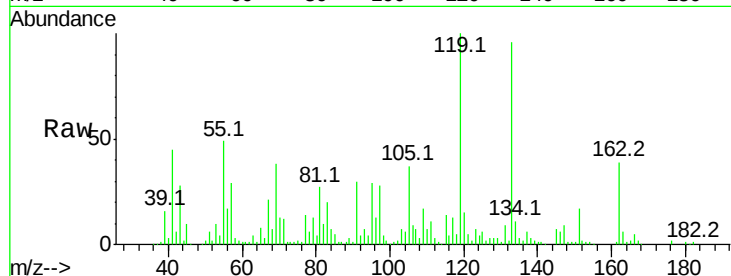




#29
 2,4-Dichlorophenol
 Concen: 314.503 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. 0.32 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

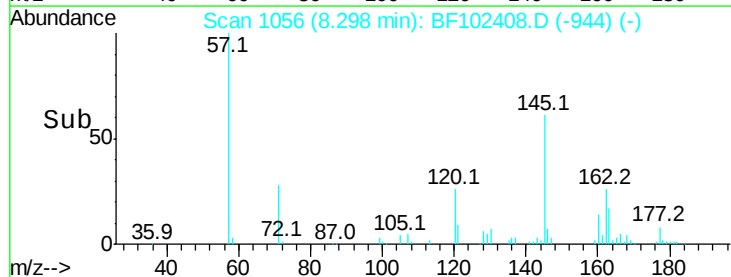
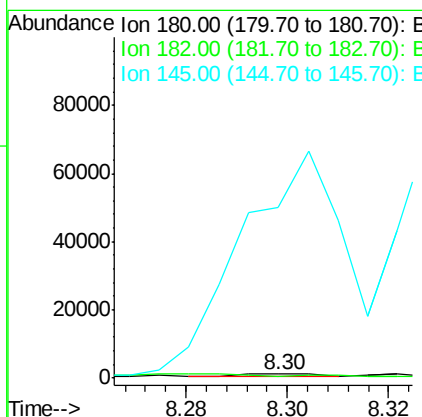
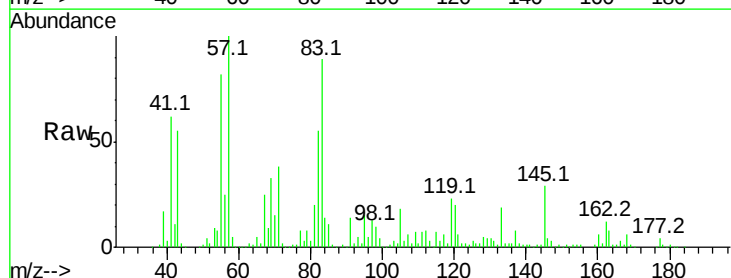
Instrument :
 BNA_F
 ClientSampled :

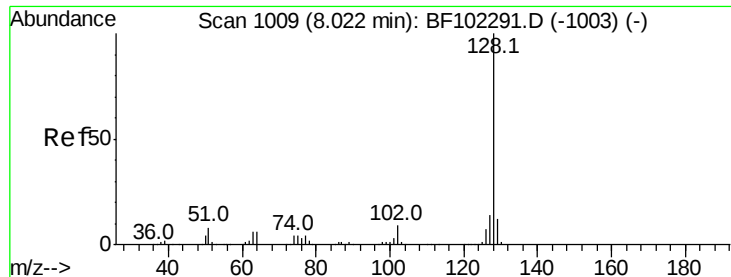
Tot Ion:162 Resp: 78047
 Ion Ratio Lower Upper
 162 100
 164 2.8 42.7 82.7#
 98 10.7 18.1 58.1#



#30
 1,2,4-Trichlorobenzene
 Concen: 3.669 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.36 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion:180 Resp: 976
 Ion Ratio Lower Upper
 180 100
 182 55.6 76.8 115.2#
 145 4243.6 26.5 39.7#

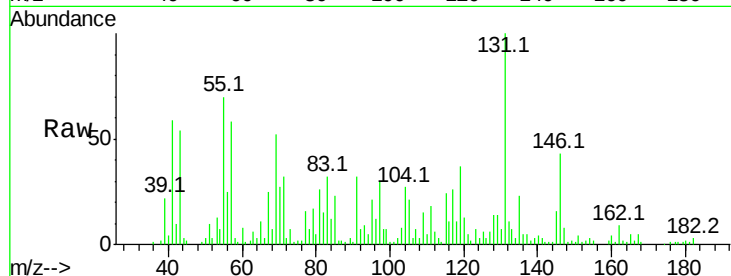




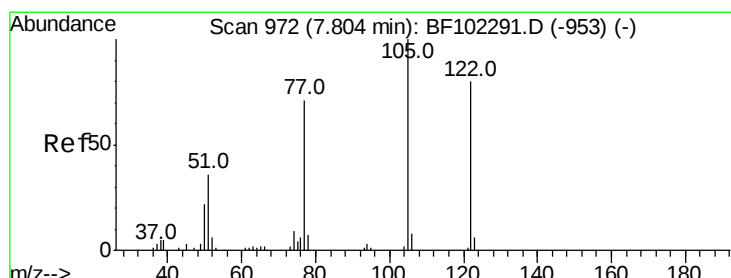
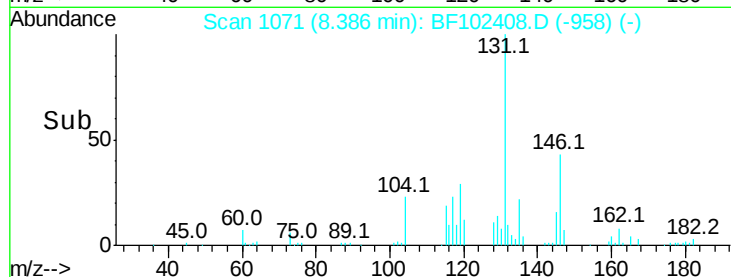
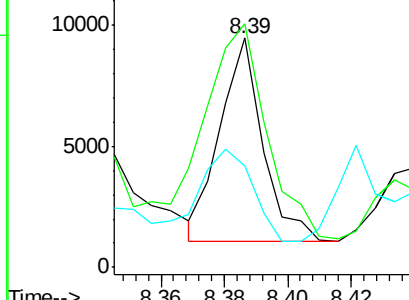
#31
Naphthalene
Concen: 8.679 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.36 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 7757
Ion Ratio Lower Upper
128 100
129 106.1 8.8 13.2#
127 44.5 10.9 16.3#

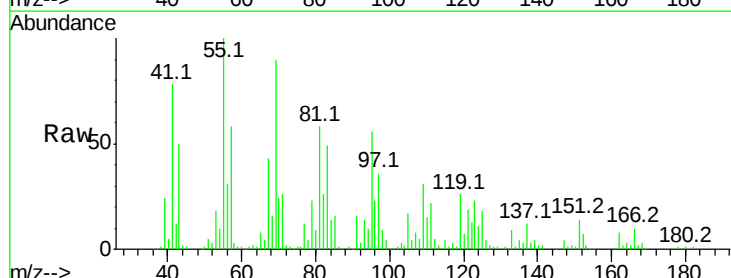


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

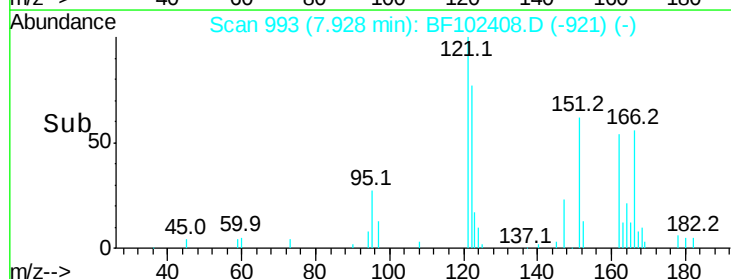
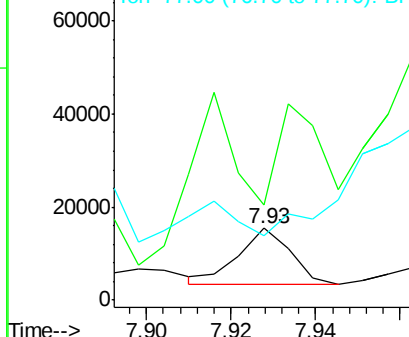


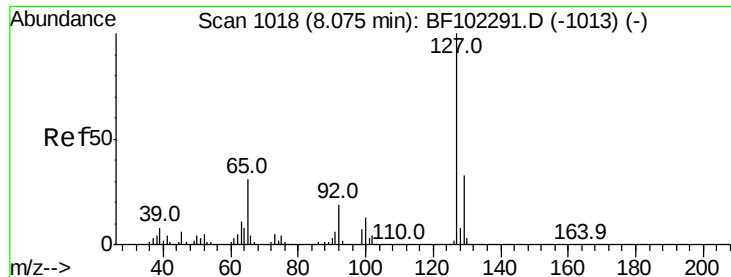
#32
Benzoic acid
Concen: 50.051 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.12 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:122 Resp: 10216
Ion Ratio Lower Upper
122 100
105 131.7 101.1 141.1
77 89.4 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

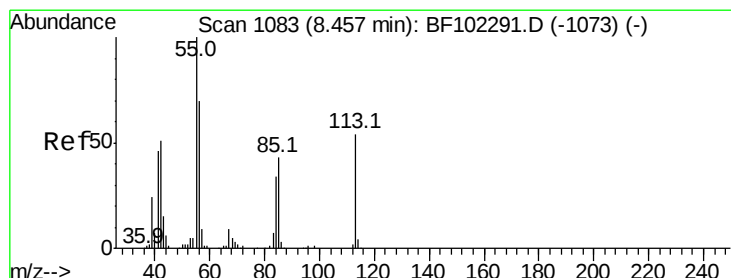
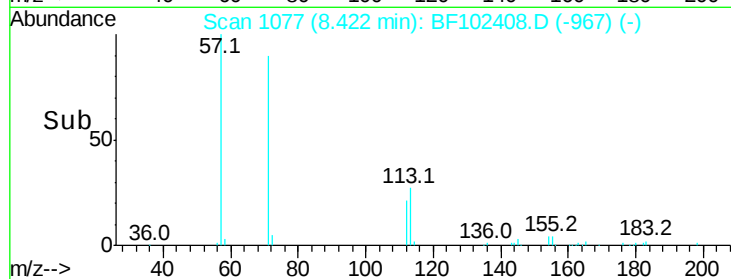
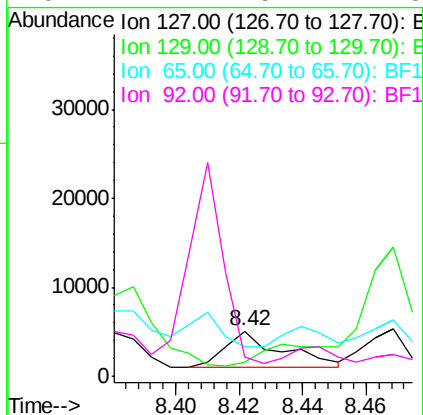
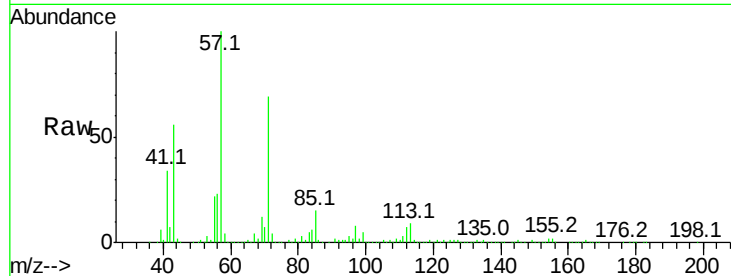




#33
4-Chloroaniline
Concen: 13.053 ng
RT: 8.42 min Scan# 1077
Delta R.T. 0.35 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

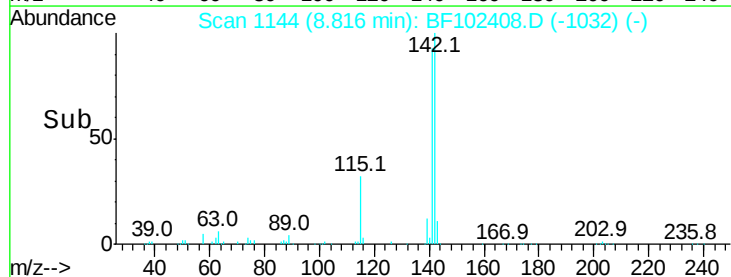
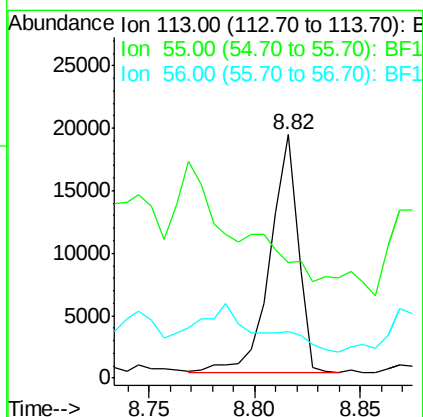
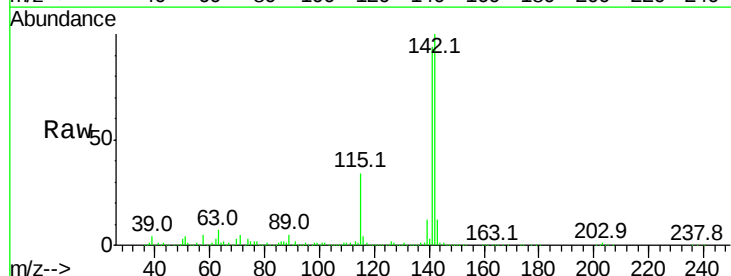
Instrument :
BNA_F
ClientSampleId :

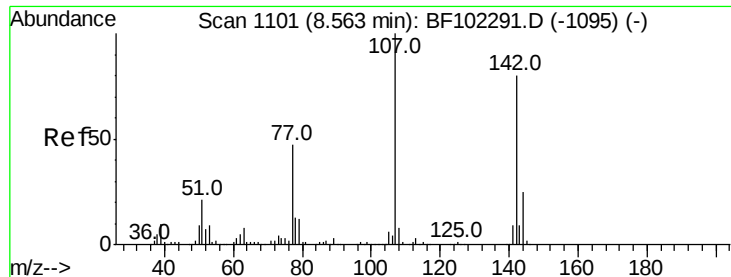
Tot Ion:	127	Resp:	4906
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	66.0	25.0	37.4#
92	42.1	15.2	22.8#



#35
Caprolactam
Concen: 216.135 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.36 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:	113	Resp:	17714
Ion	Ratio	Lower	Upper
113	100		
55	47.3	163.3	203.3#
56	19.0	115.7	155.7#

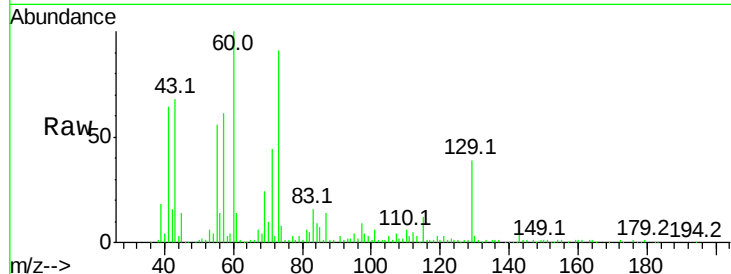




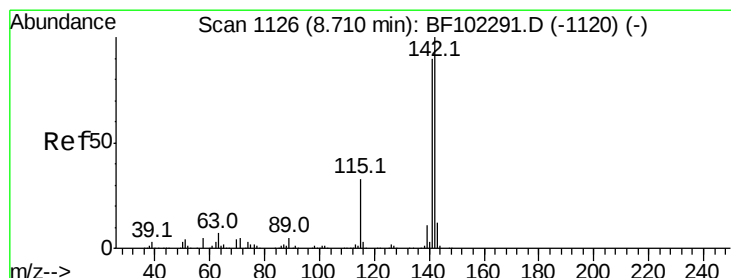
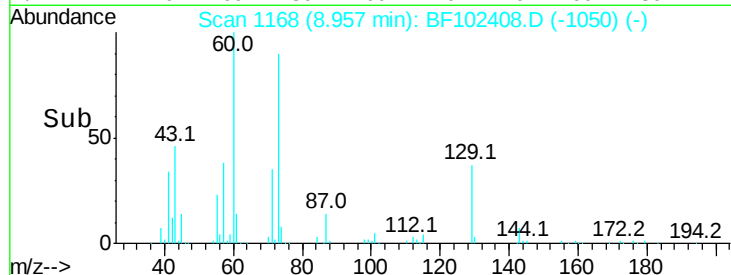
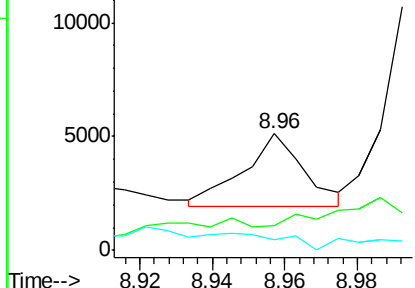
#36
4-Chloro-3-methylphenol
Concen: 14.076 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.39 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 3682
Ion Ratio Lower Upper
107 100
144 20.8 20.5 30.7
142 8.6 62.0 93.0#

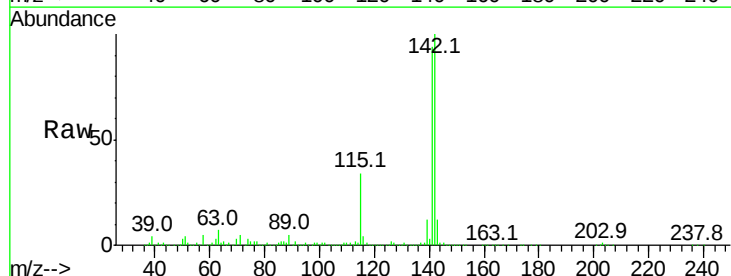


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

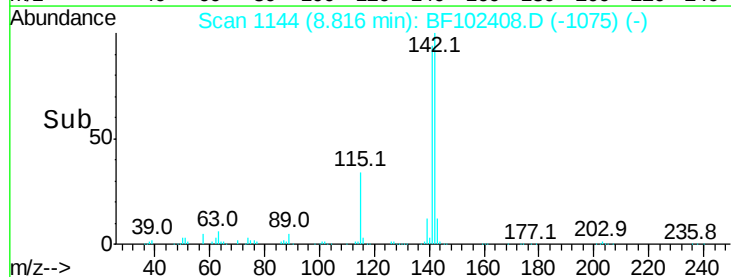
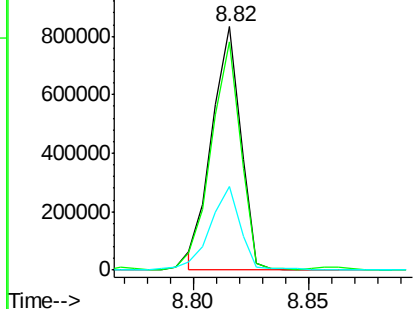


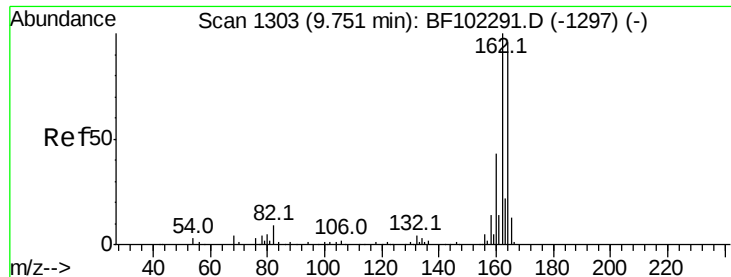
#37
2-Methylnaphthalene
Concen: 1198.967 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.11 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:142 Resp: 713656
Ion Ratio Lower Upper
142 100
141 93.8 70.8 106.2
115 34.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.43 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

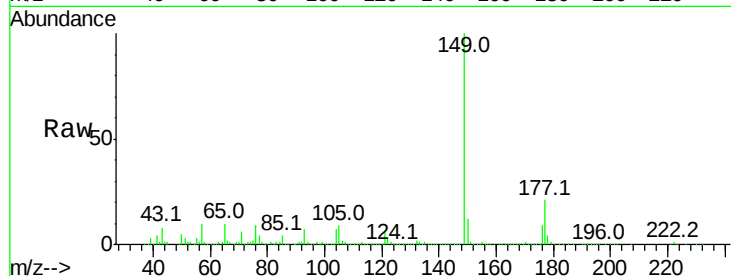
Tot Ion:164 Resp: 2872

Ion Ratio Lower Upper

164 100

162 10.3 86.1 129.1#

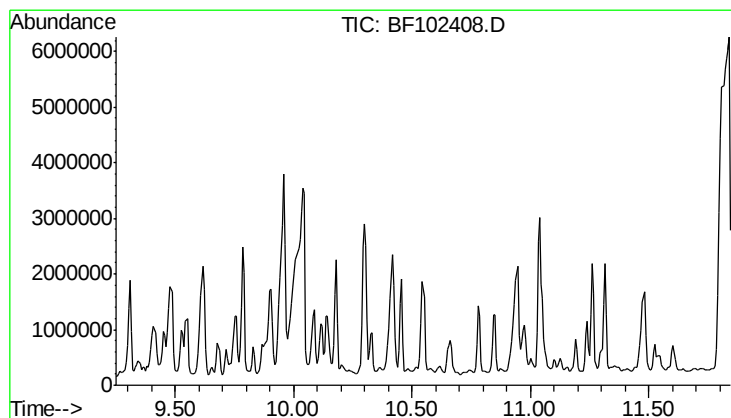
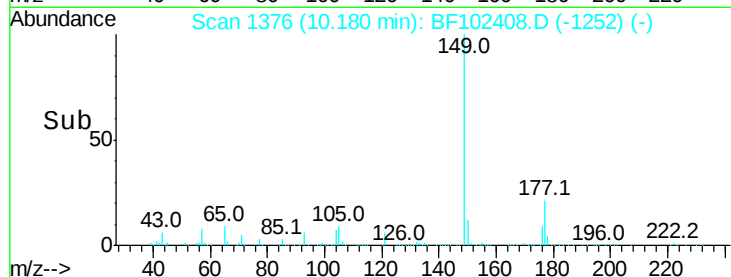
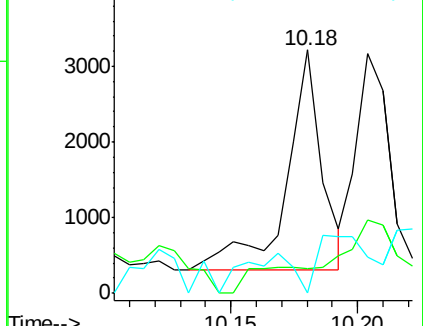
160 0.0 38.3 57.5#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.55 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

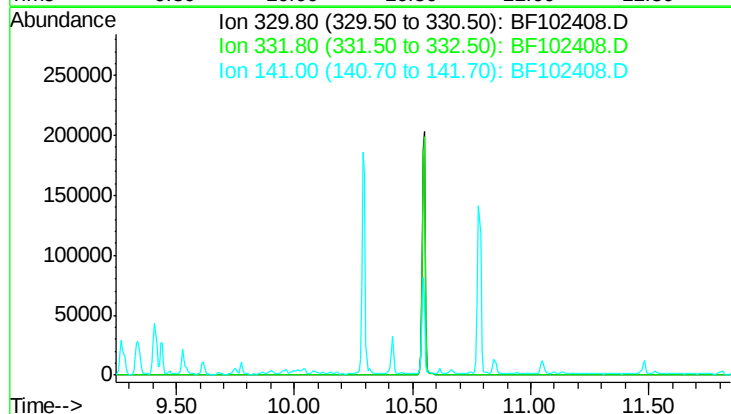
Tgt Ion: 330

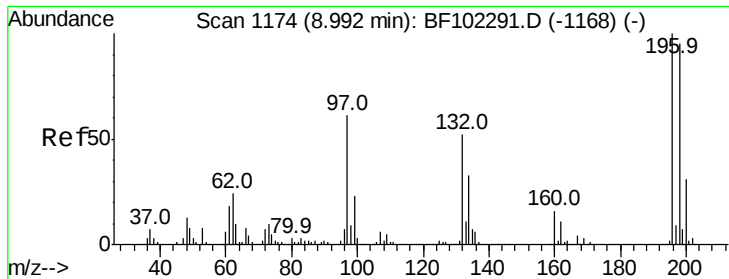
Sig Exp Ratio

330 100

332 96.3

141 37.4

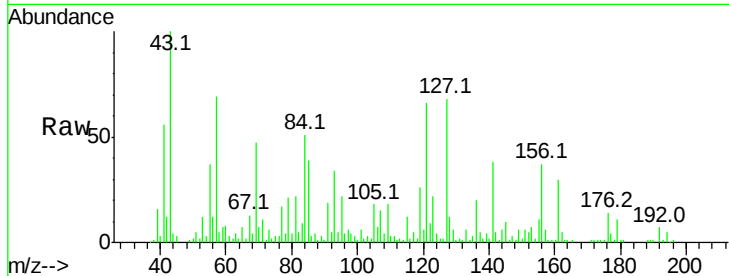




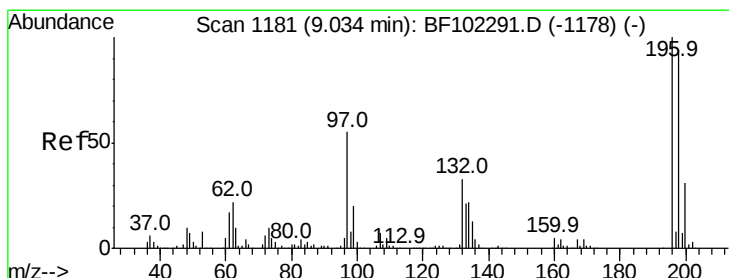
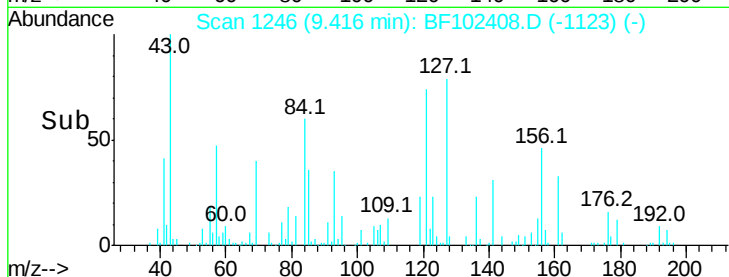
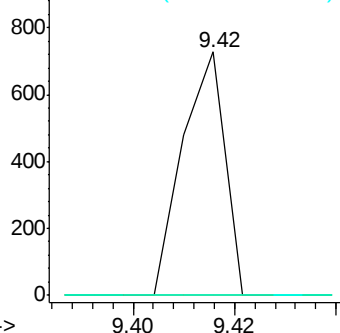
#42
 2,4,6-Trichlorophenol
 Concen: 7.365 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.42 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 426
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 24.5 36.7#



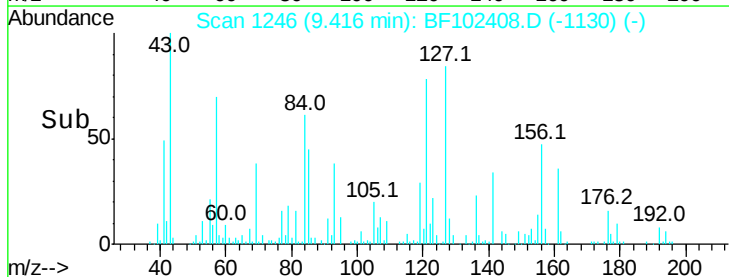
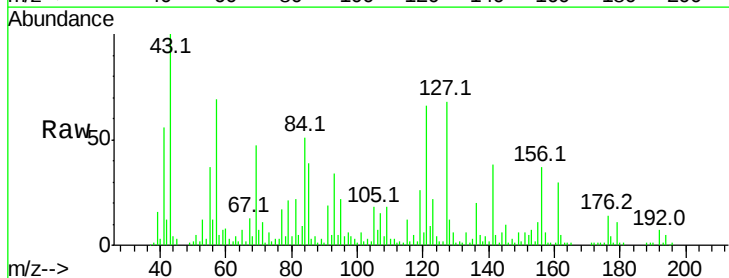
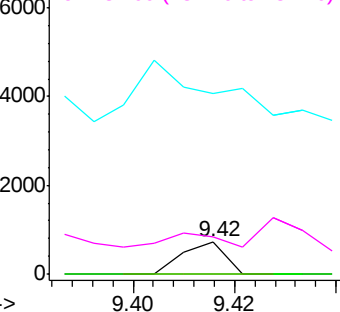
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

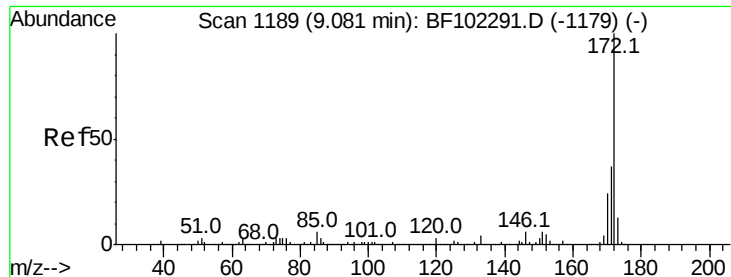


#43
 2,4,5-Trichlorophenol
 Concen: 6.541 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.38 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion:196 Resp: 426
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 558.9 42.9 64.3#
 132 114.0 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

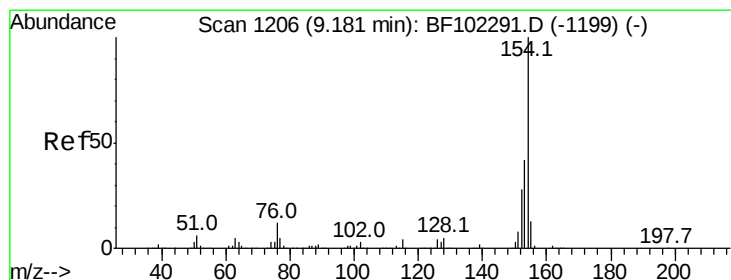
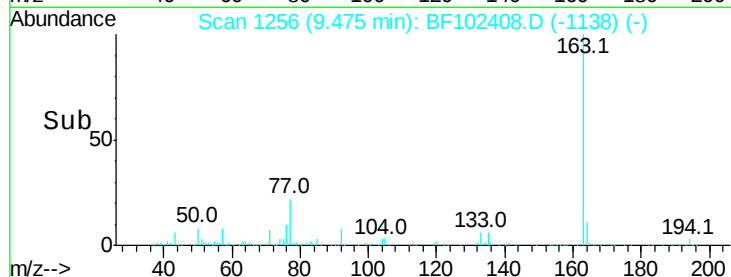
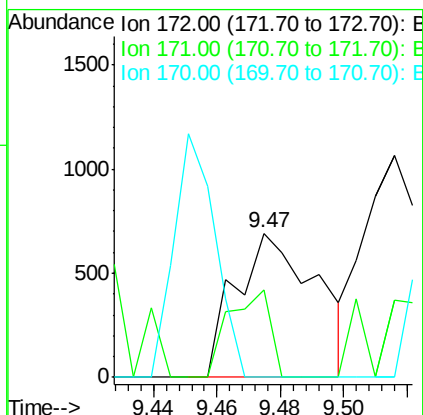
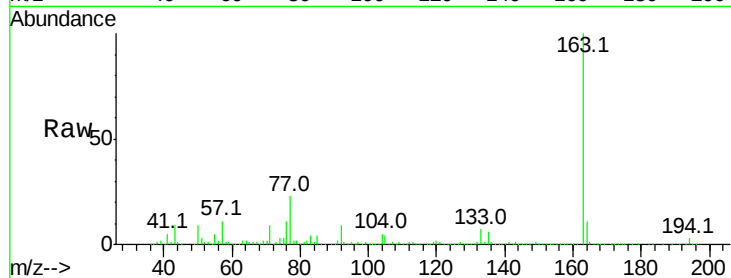




#44
2-Fluorobiphenyl
Concen: 6.261 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.39 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

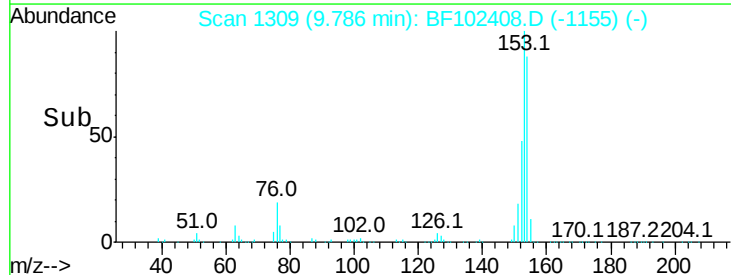
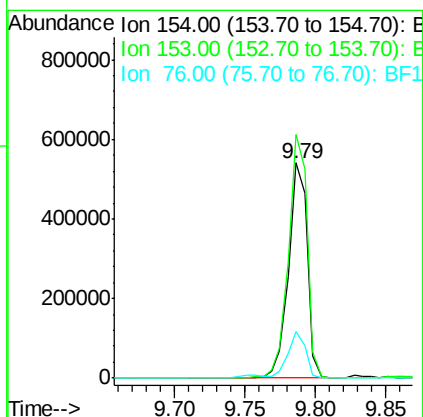
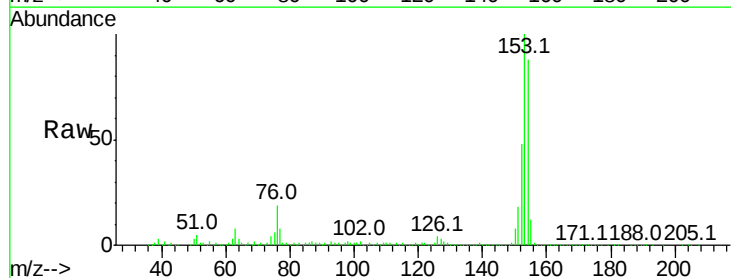
Instrument :
BNA_F
ClientSampleId :

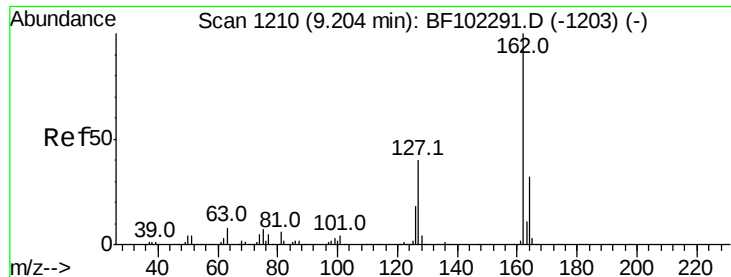
Tot Ion:172 Resp: 1223
Ion Ratio Lower Upper
172 100
171 60.8 29.7 44.5#
170 0.0 19.6 29.4#



#45
1,1'-Biphenyl
Concen: 1946.403 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.61 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:154 Resp: 499843
Ion Ratio Lower Upper
154 100
153 113.3 21.3 61.3#
76 21.4 0.0 34.0

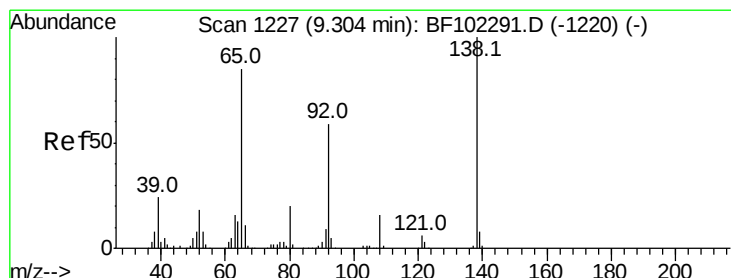
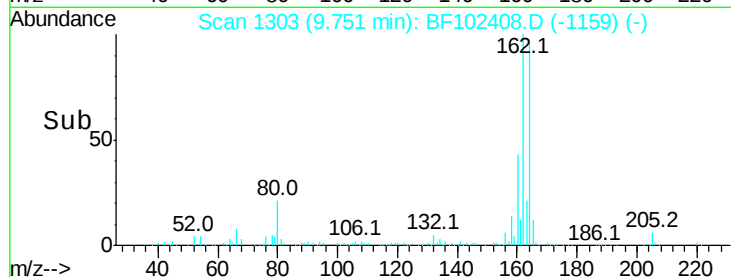
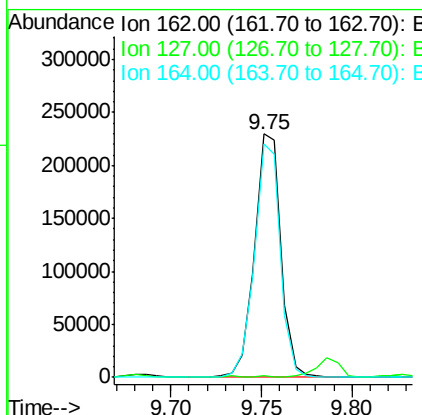
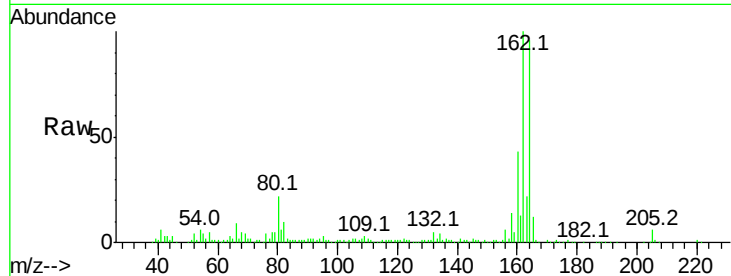




#46
 2-Chloronaphthalene
 Concen: 1169.050 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.55 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

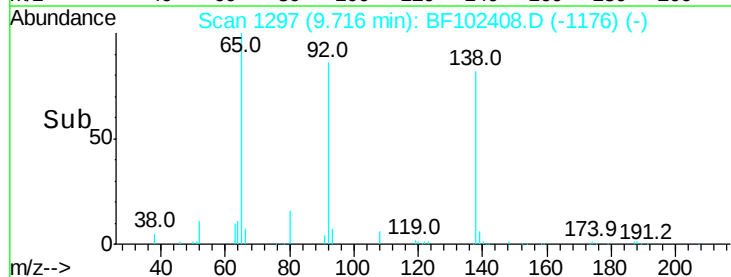
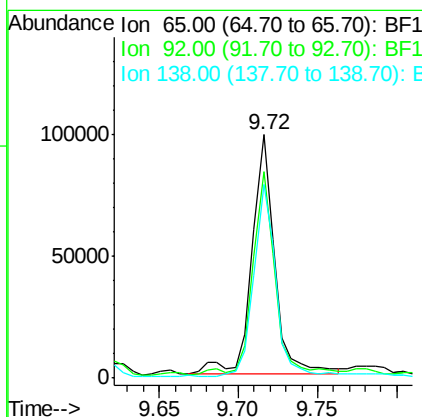
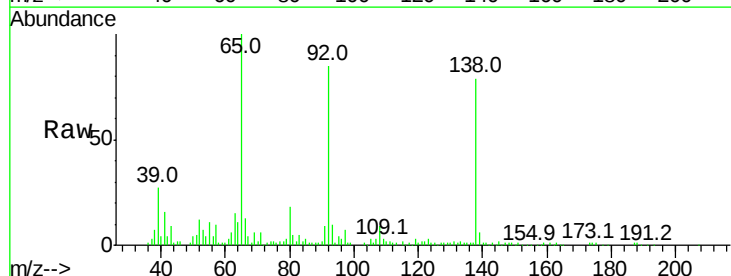
Instrument :
 BNA_F
 ClientSampleId :

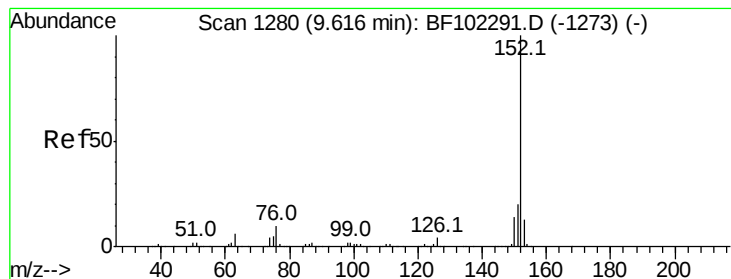
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.4	33.9	50.9#
164	96.0	26.5	39.7#



#47
 2-Nitroaniline
 Concen: 1580.679 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.41 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.6	55.8	83.6#
138	79.4	91.2	136.8#





#48

Acenaphthylene

Concen: 868.038 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.17 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

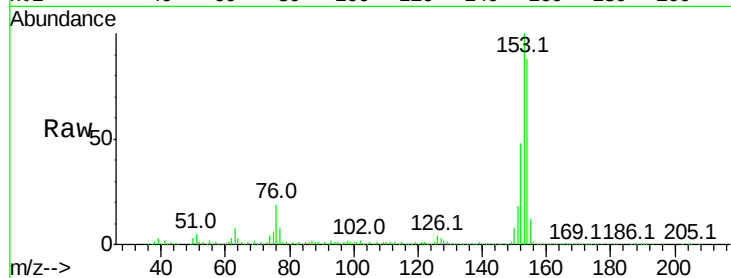
Tot Ion:152 Resp: 269942

Ion Ratio Lower Upper

152 100

151 37.8 16.3 24.5#

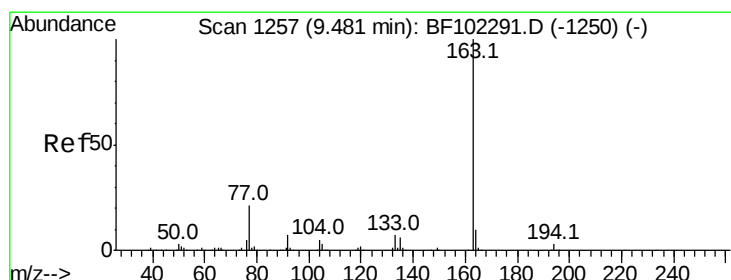
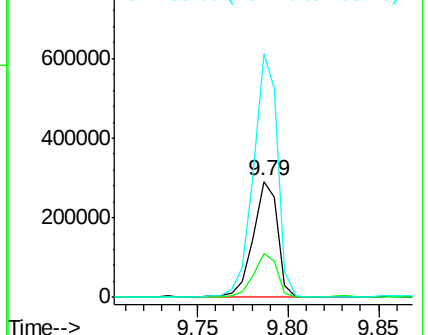
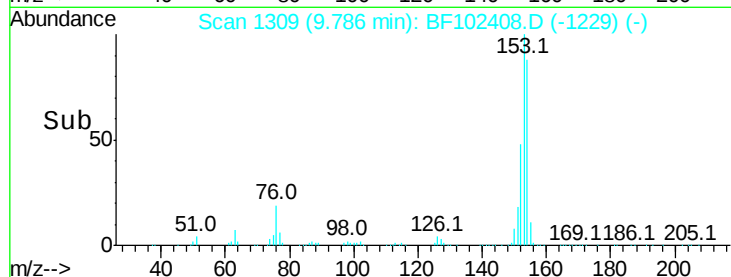
153 210.1 10.7 16.1#



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: 1010.583 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.42 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

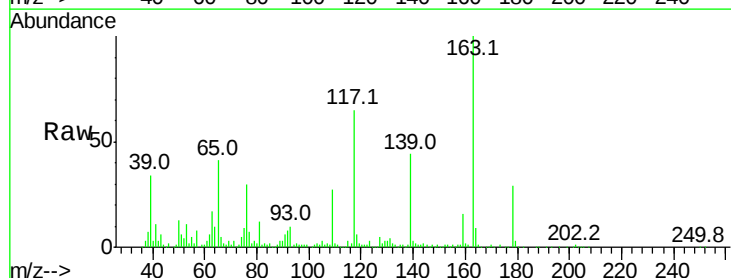
Tgt Ion:163 Resp: 239901

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

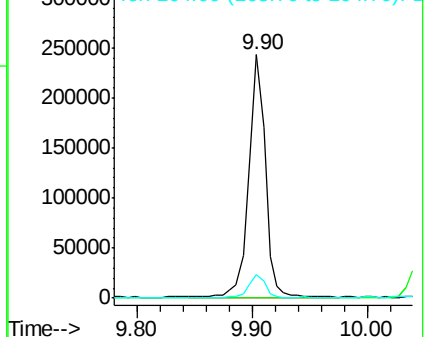
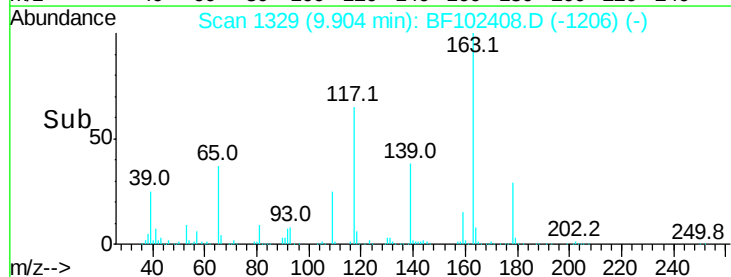
164 9.5 8.2 12.2

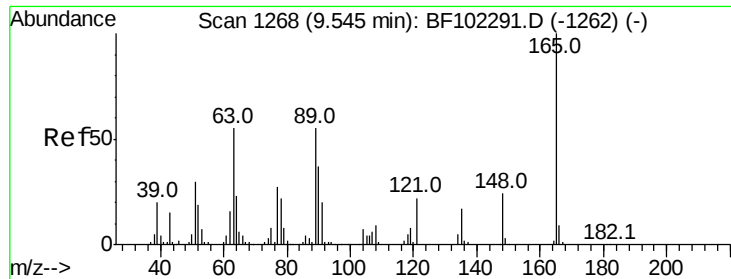


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

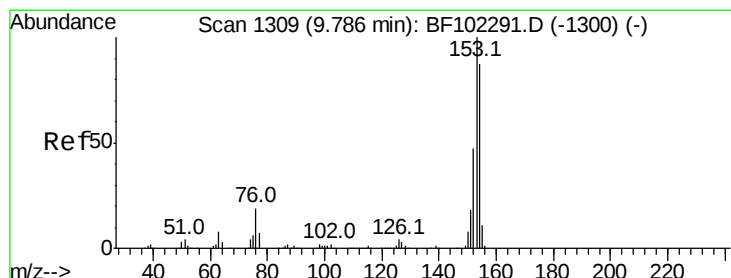
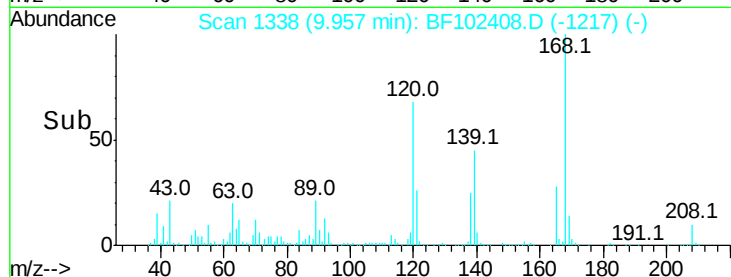
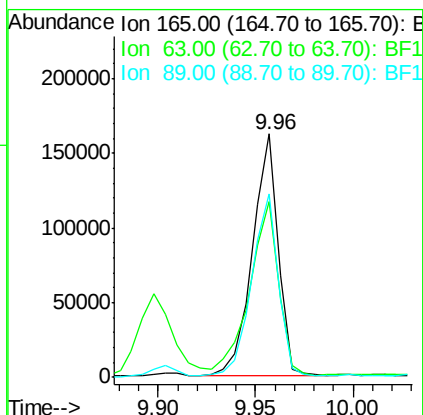
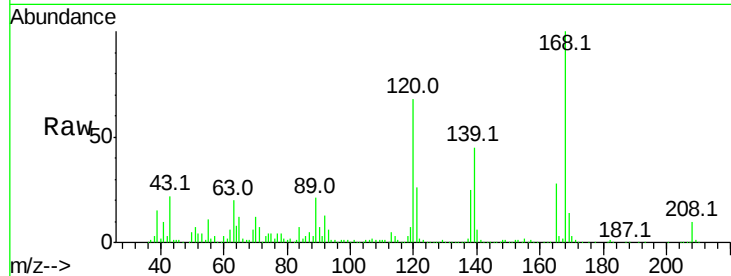




#50
 2,6-Dinitrotoluene
 Concen: 2908.175 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.41 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

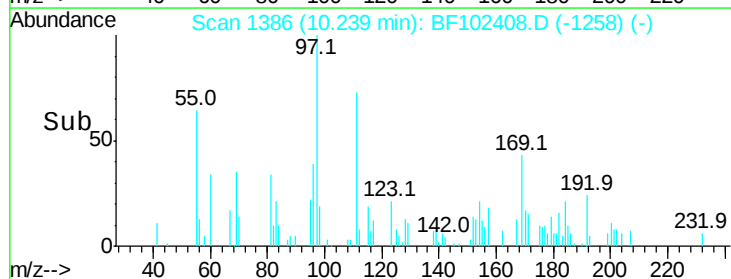
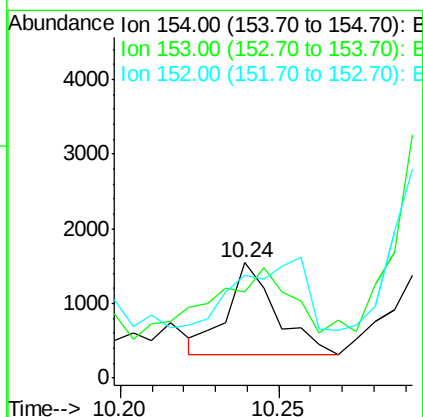
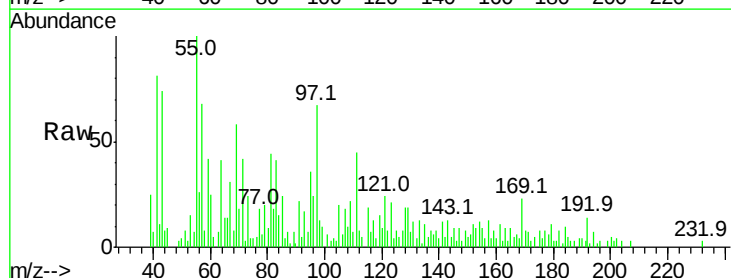
Instrument :
 BNA_F
 ClientSampleId :

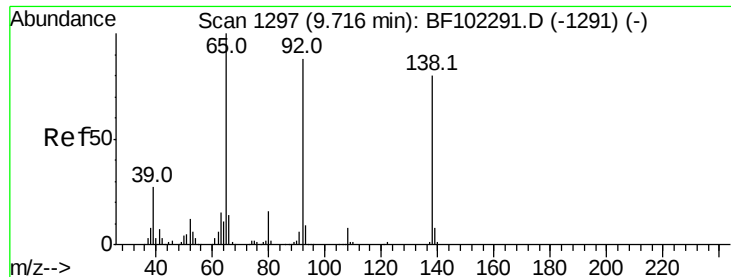
Tot Ion:165 Resp: 148844
 Ion Ratio Lower Upper
 165 100
 63 72.1 44.7 67.1#
 89 75.3 44.0 66.0#



#51
 Acenaphthene
 Concen: 7.257 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.45 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion:154 Resp: 1318
 Ion Ratio Lower Upper
 154 100
 153 74.5 91.2 136.8#
 152 88.8 43.8 65.8#

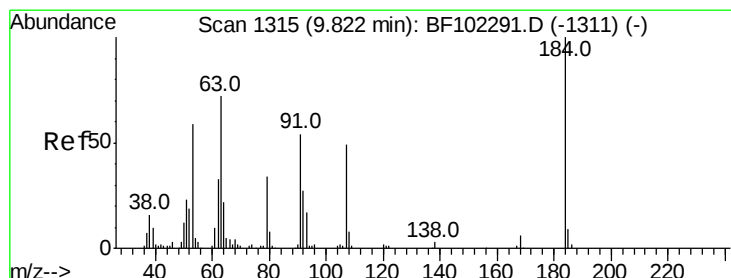
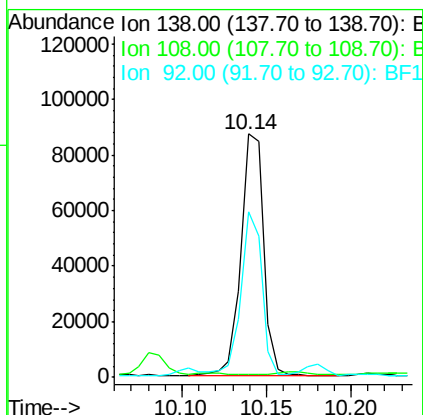
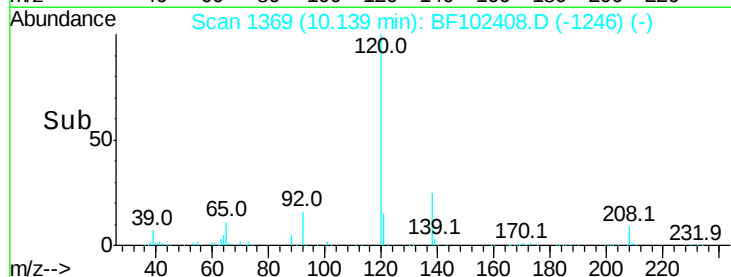
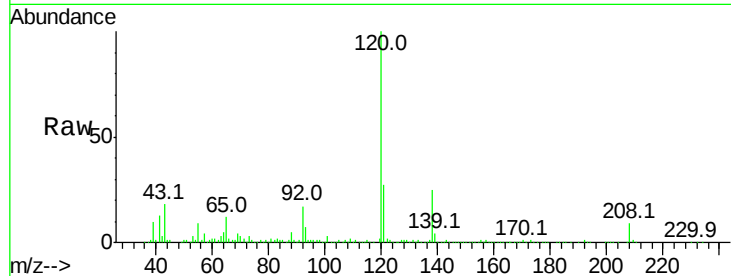




#52
3-Nitroaniline
Concen: 1349.001 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.42 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

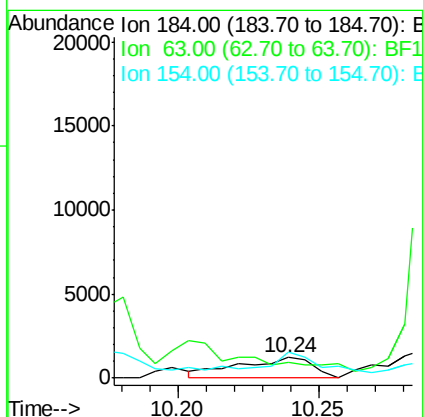
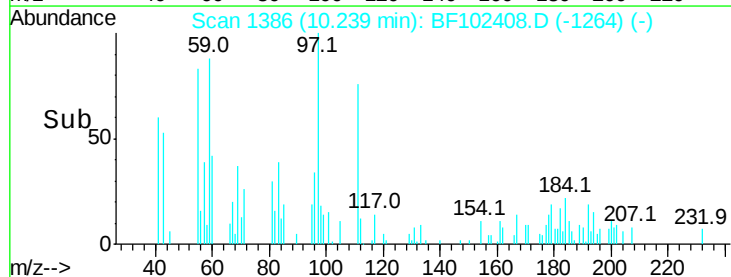
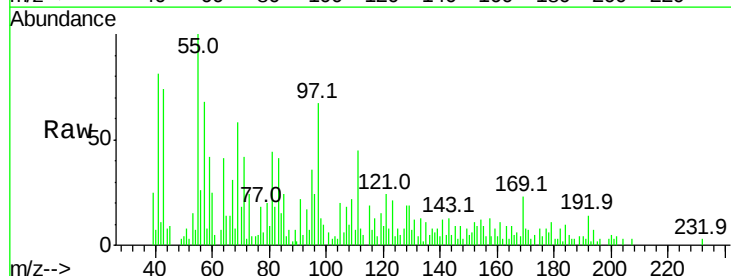
Instrument :
BNA_F
ClientSampleId :

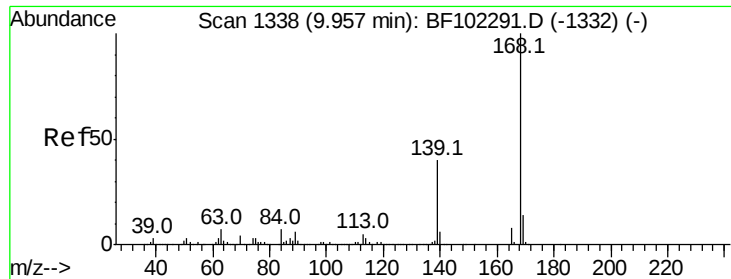
Tot Ion:138 Resp: 81677
Ion Ratio Lower Upper
138 100
108 1.3 9.4 14.0#
92 68.0 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 97.108 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.42 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:184 Resp: 2249
Ion Ratio Lower Upper
184 100
63 76.4 54.2 81.2
154 125.7 184.0 276.0#





#54

Dibenzofuran

Concen: 1371.447 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.46 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

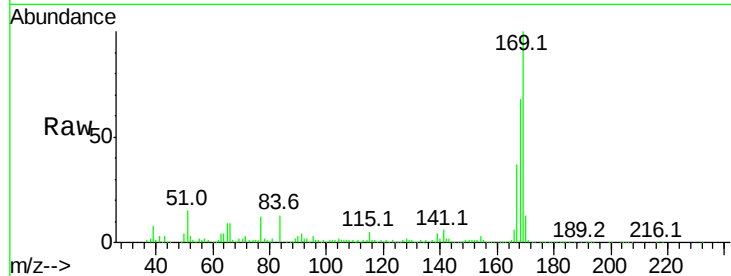
Tot Ion:168 Resp: 337104

Ion Ratio Lower Upper

168 100

139 5.7 30.1 45.1#

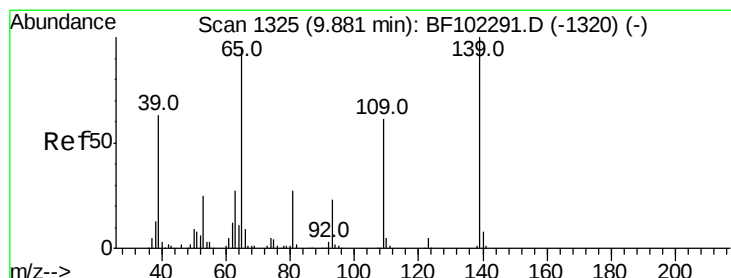
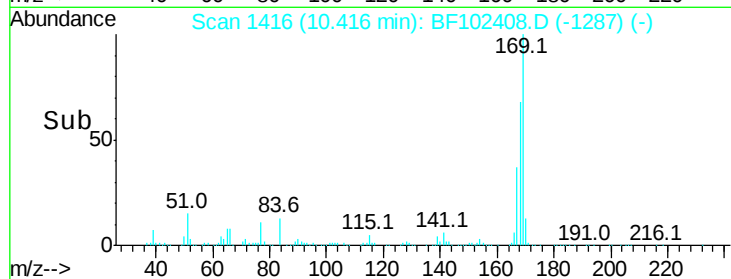
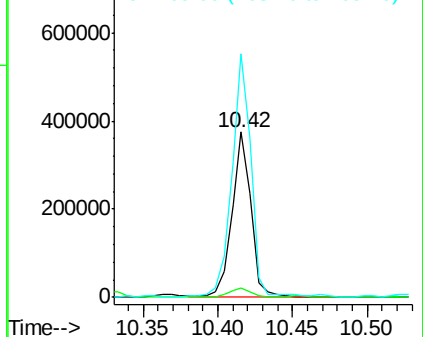
169 147.2 10.9 16.3#



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: 1735.567 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.42 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

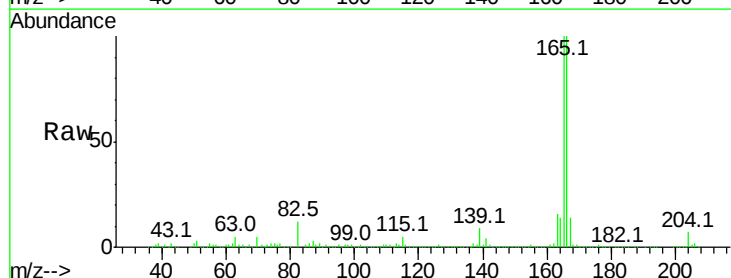
Tgt Ion:139 Resp: 69365

Ion Ratio Lower Upper

139 100

109 6.9 48.4 88.4#

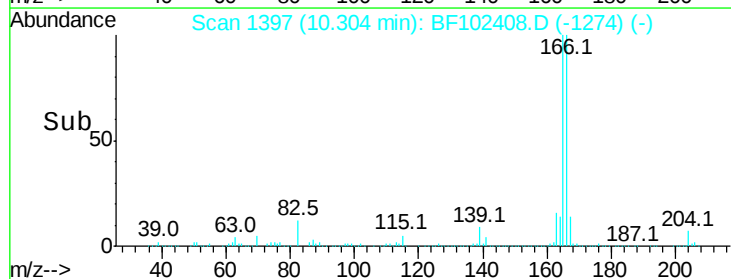
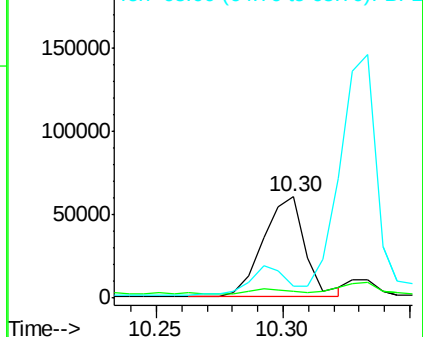
65 12.1 72.6 112.6#

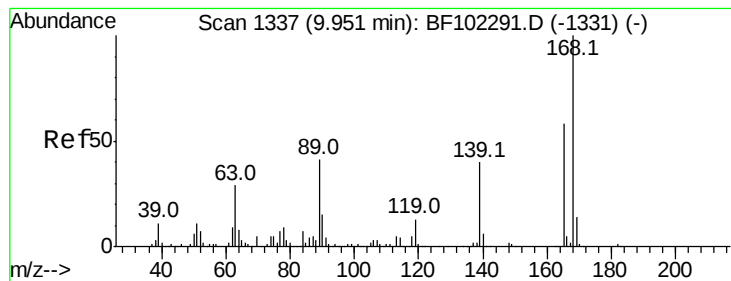


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 8671.647 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.35 min

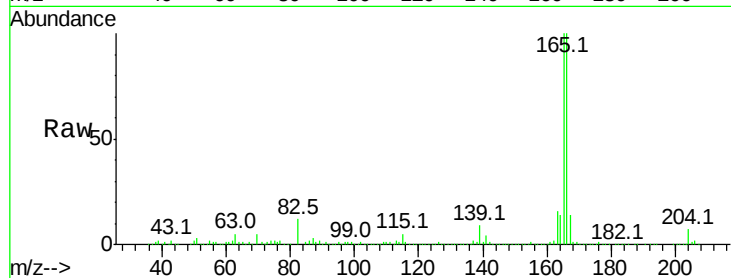
Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampled :



Tot Ion:165 Resp: 545788

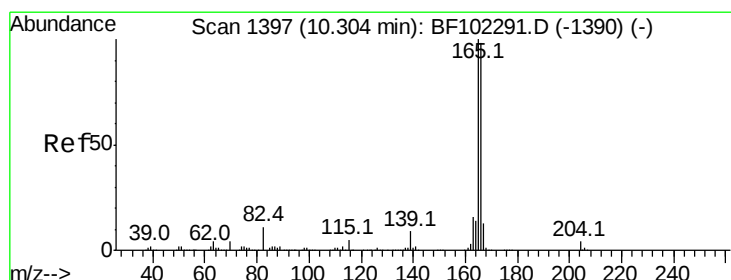
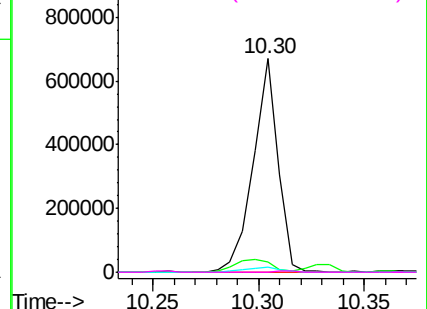
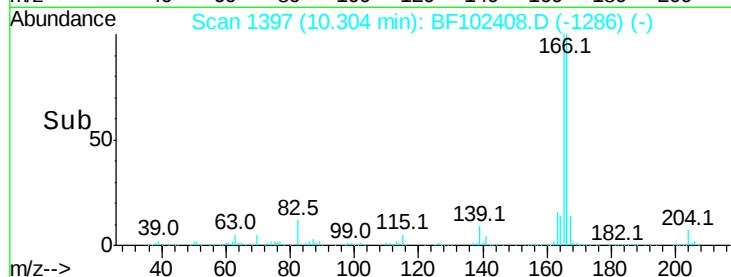
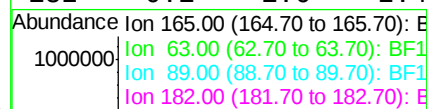
Ion Ratio Lower Upper

165 100

63 4.8 36.4 54.6#

89 2.3 57.8 86.6#

182 0.1 1.6 2.4#



#57

Fluorene

Concen: 3.003 ng

RT: 10.77 min Scan# 1477

Delta R.T. 0.47 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

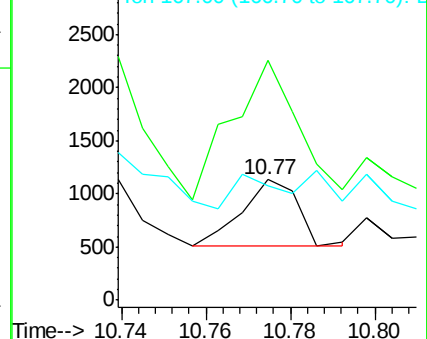
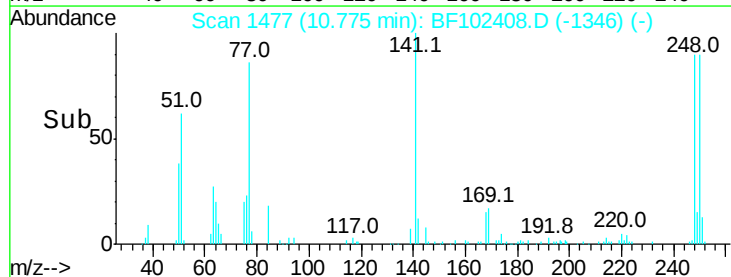
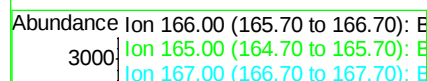
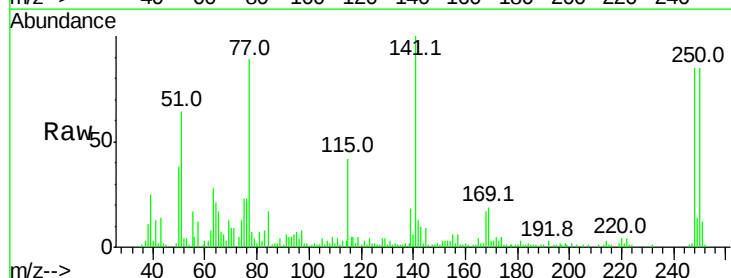
Tgt Ion:166 Resp: 585

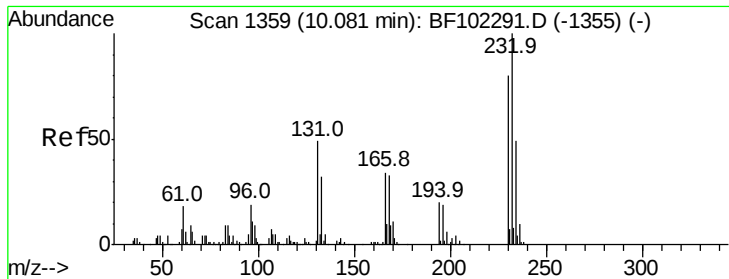
Ion Ratio Lower Upper

166 100

165 199.1 79.8 119.8#

167 94.5 10.6 16.0#





#58

2,3,4,6-Tetrachlorophenol

Concen: 2.301 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.45 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 107

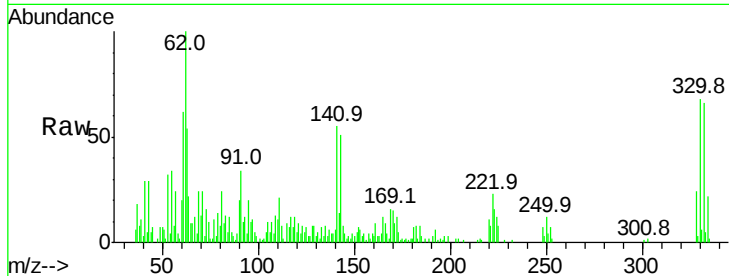
Ion Ratio Lower Upper

232 100

131 3381.3 43.8 65.8#

130 1371.0 2.1 3.1#

166 0.0 27.8 41.6#

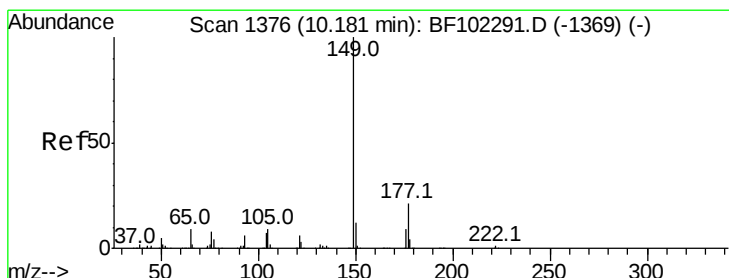
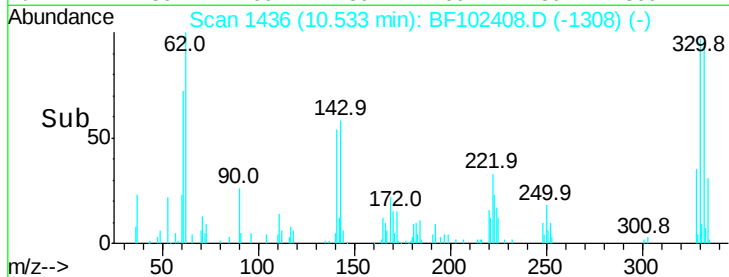
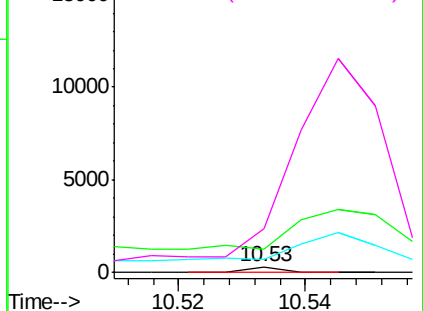


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 16.382 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.43 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

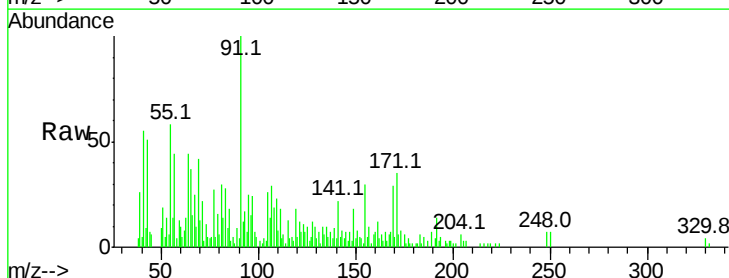
Tgt Ion:149 Resp: 3779

Ion Ratio Lower Upper

149 100

177 23.4 16.1 24.1

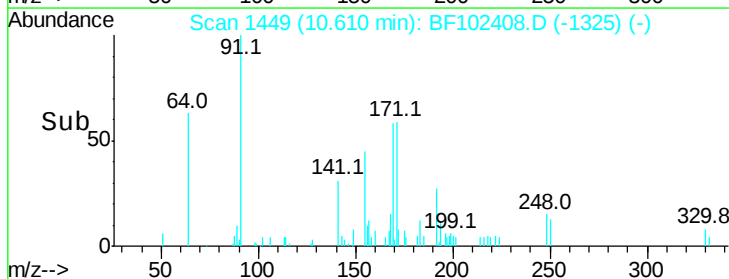
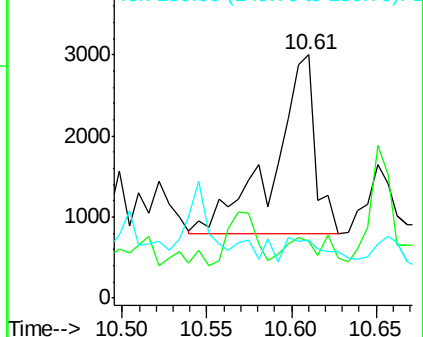
150 23.9 10.1 15.1#

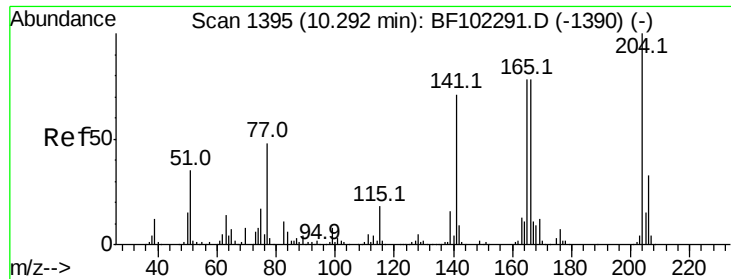


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

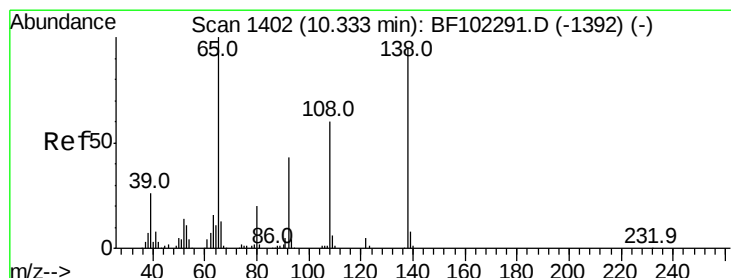
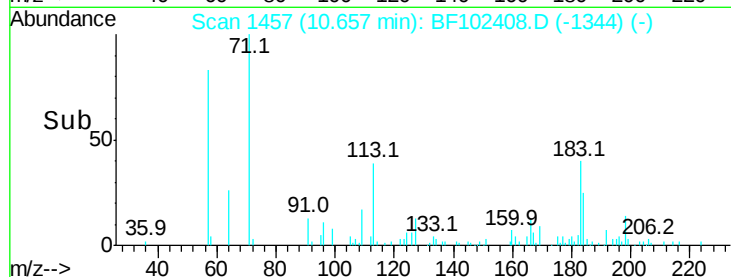
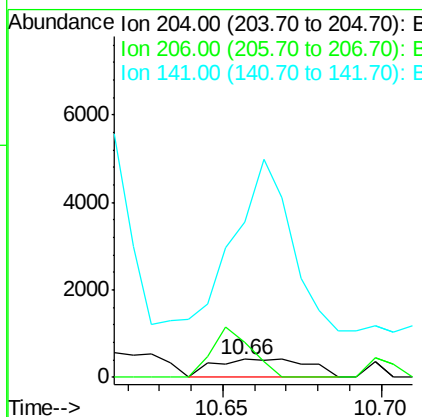
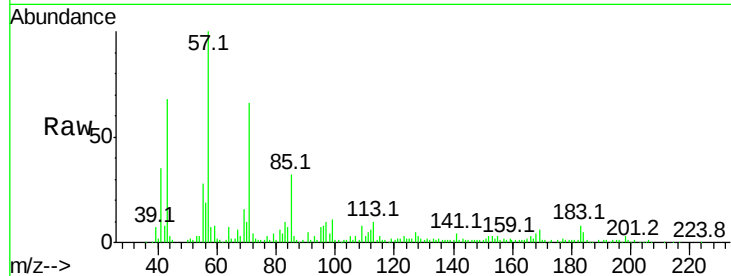




#60
4-Chlorophenyl-phenylether
Concen: 10.338 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.36 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

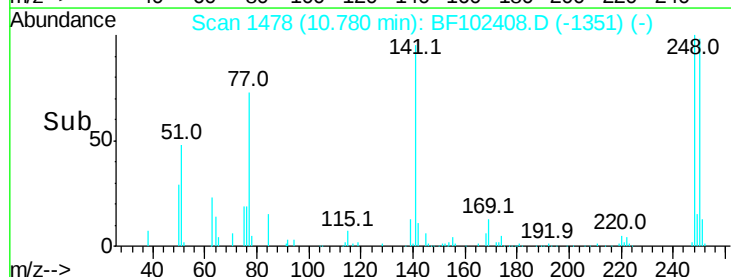
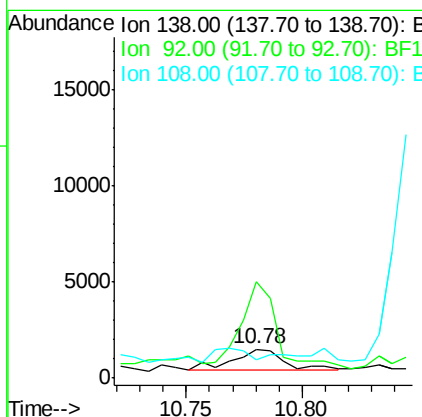
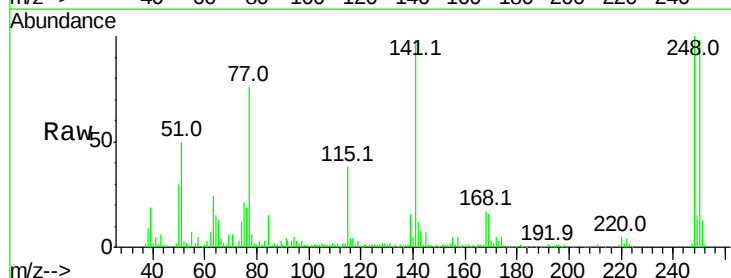
Instrument :
BNA_F
ClientSampleId :

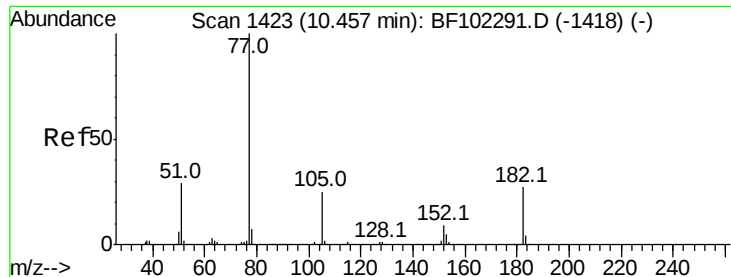
Tot Ion:204 Resp: 873
Ion Ratio Lower Upper
204 100
206 194.7 26.5 39.7#
141 852.8 54.6 81.8#



#61
4-Nitroaniline
Concen: 29.710 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.45 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:138 Resp: 1795
Ion Ratio Lower Upper
138 100
92 339.3 30.2 70.2#
108 64.8 52.5 92.5





#62

Azobenzene

Concen: 436.221 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.32 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 92132

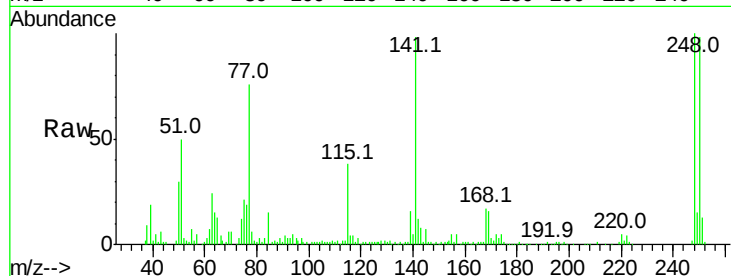
Ion Ratio Lower Upper

77 100

182 0.6 1.7 41.7#

105 2.3 3.0 43.0#

51 66.2 9.9 49.9#

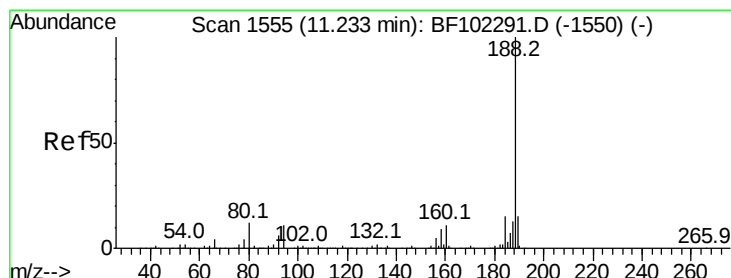
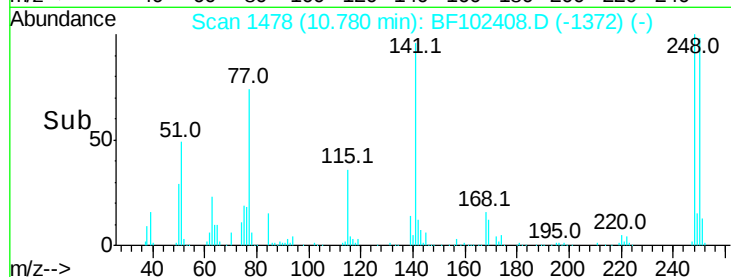
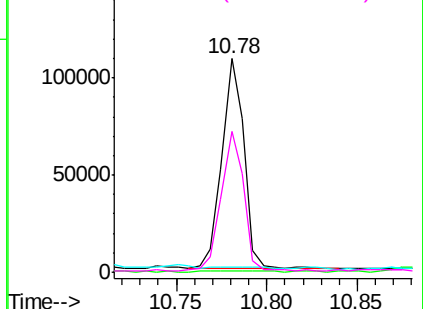


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.51 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

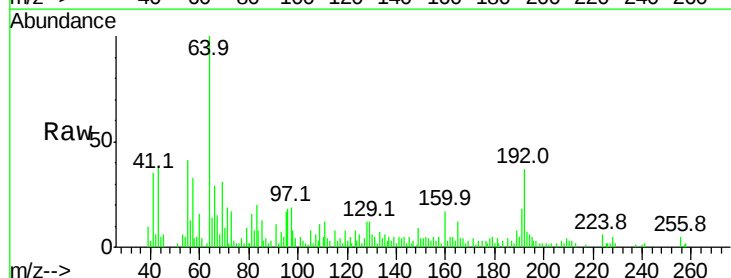
Tgt Ion: 188 Resp: 343

Ion Ratio Lower Upper

188 100

94 224.2 8.5 12.7#

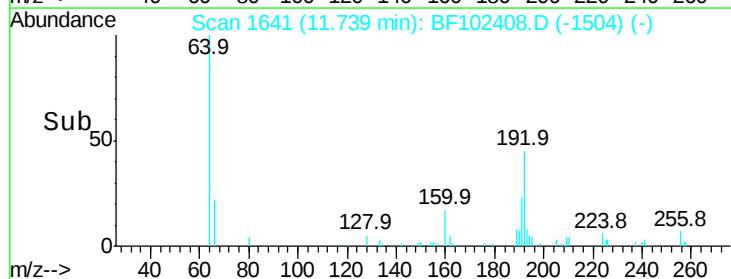
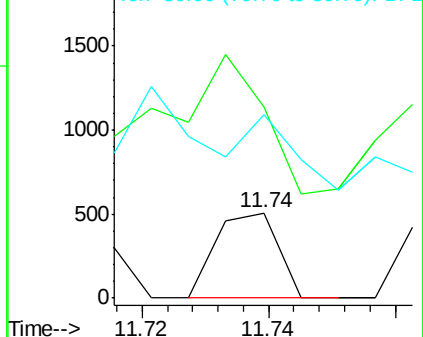
80 215.6 9.2 13.8#

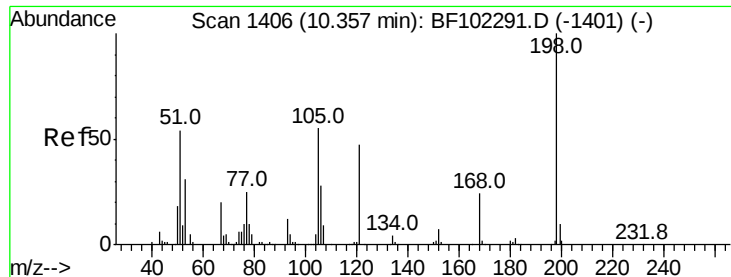


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 1071.076 ng

RT: 10.82 min Scan# 1485

Delta R.T. 0.46 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

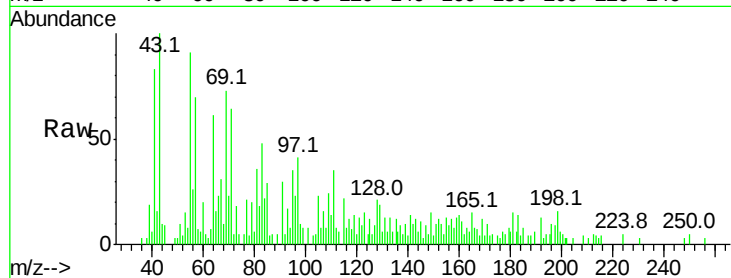
Tot Ion:198 Resp: 2451

Ion Ratio Lower Upper

198 100

51 62.3 37.7 77.7

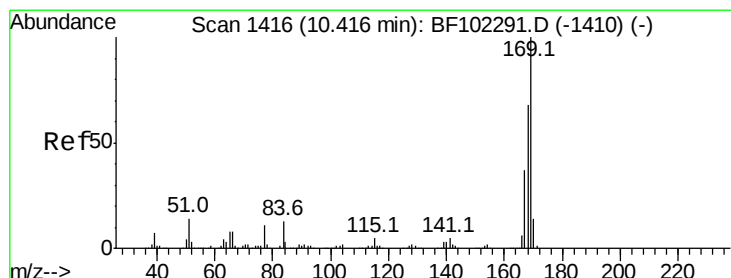
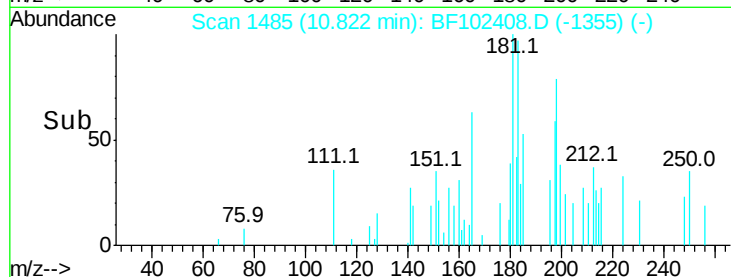
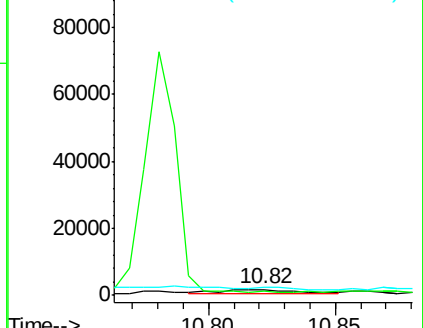
105 142.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 463.087 ng

RT: 10.90 min Scan# 1498

Delta R.T. 0.48 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

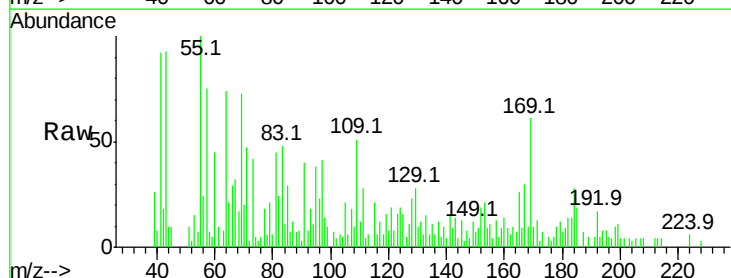
Tgt Ion:169 Resp: 5830

Ion Ratio Lower Upper

169 100

168 15.9 54.4 81.6#

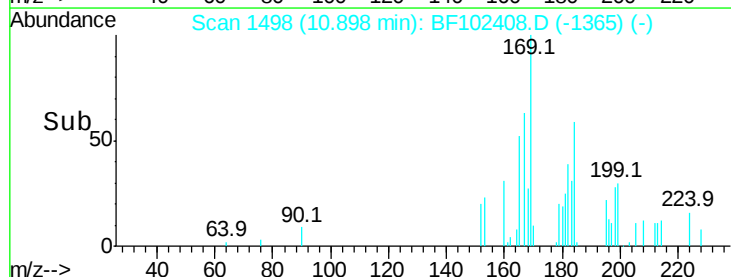
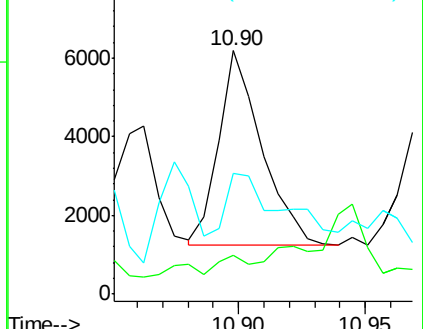
167 49.4 29.8 44.6#

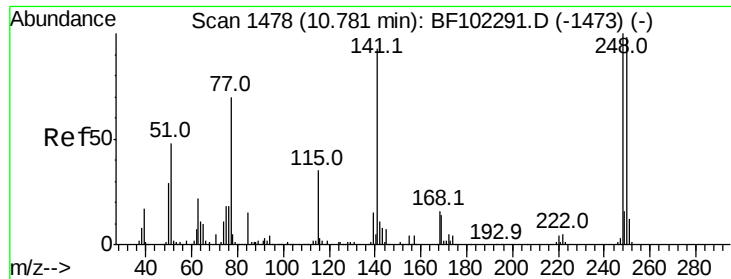


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

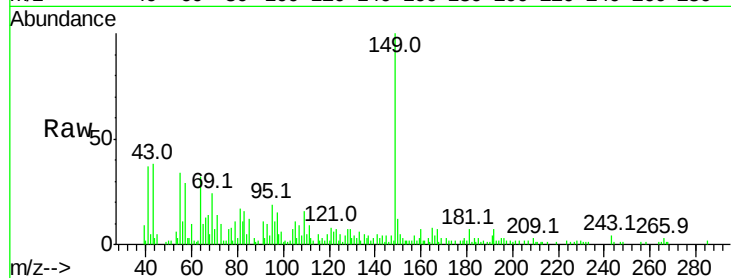




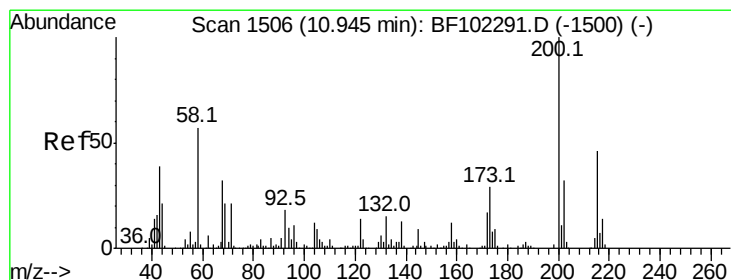
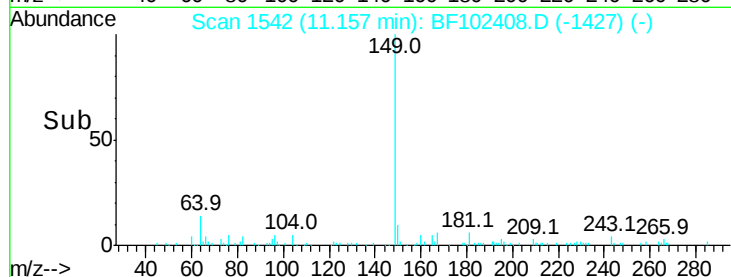
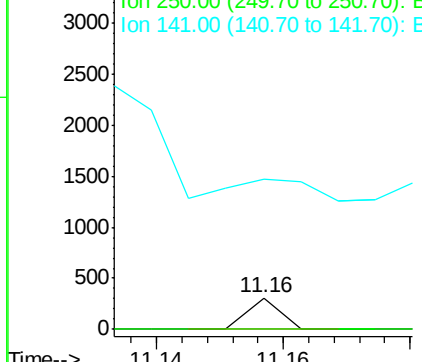
#66
4-Bromophenyl-phenylether
Concen: 29.520 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.38 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 109
Ion Ratio Lower Upper
248 100
250 0.0 76.9 115.3#
141 474.5 74.4 111.6#

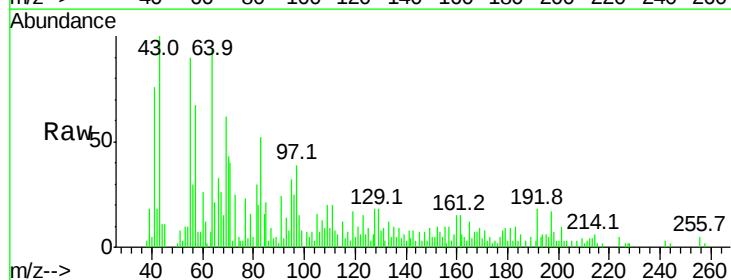


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

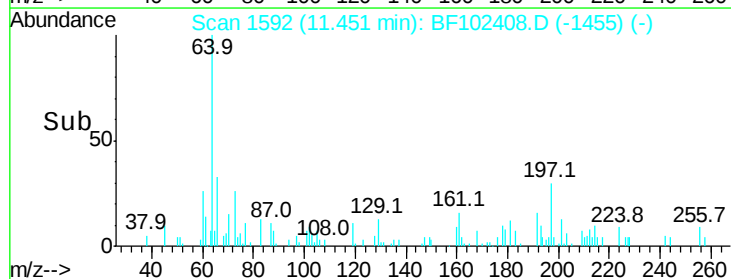
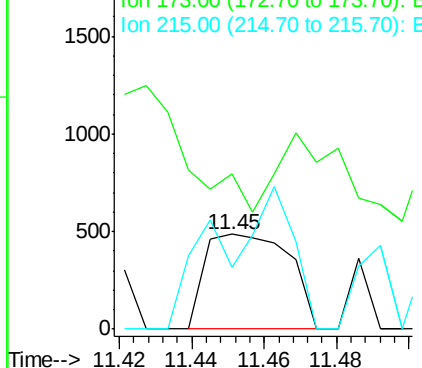


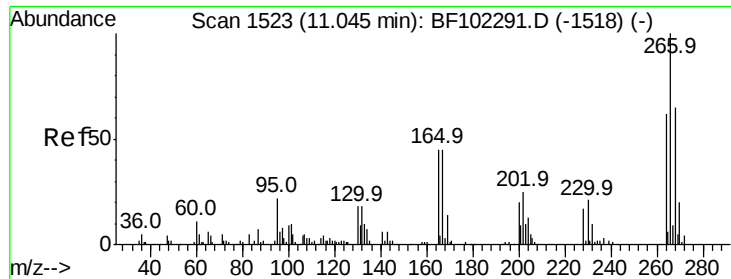
#68
Atrazine
Concen: 210.046 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.51 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:200 Resp: 781
Ion Ratio Lower Upper
200 100
173 163.8 8.6 48.6#
215 65.0 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

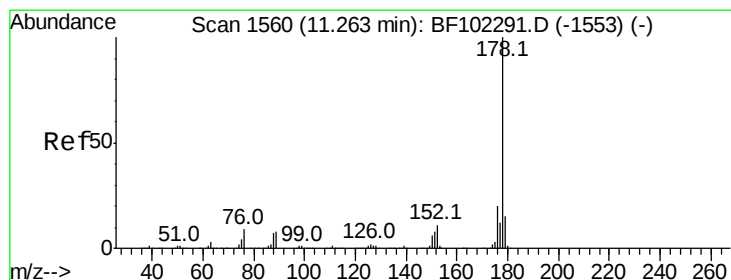
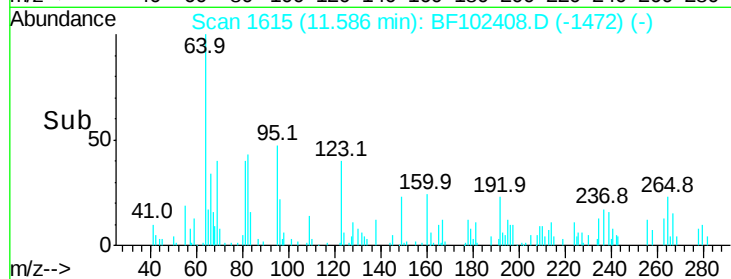
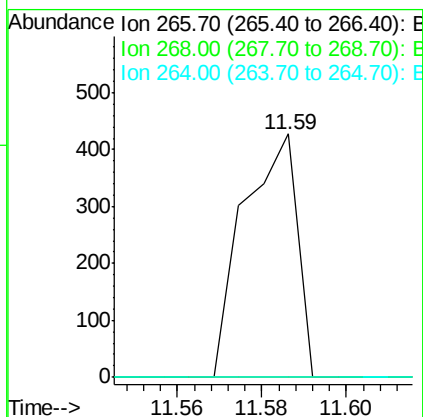
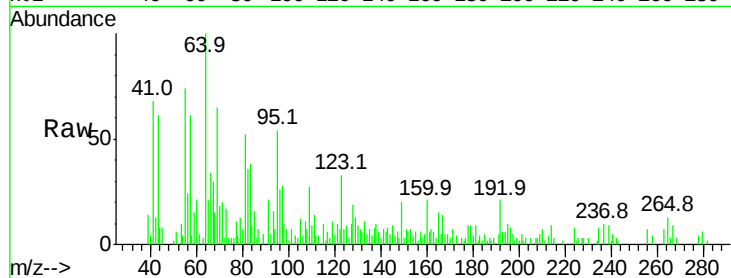




#69
 Pentachlorophenol
 Concen: 174.250 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.54 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

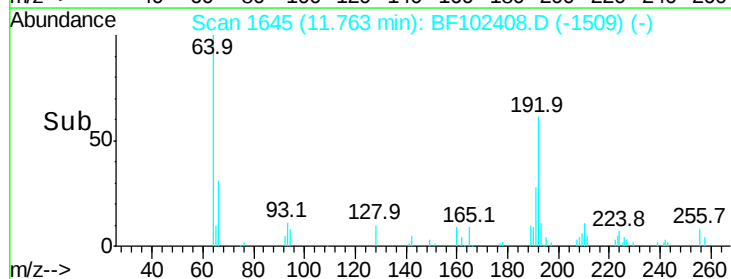
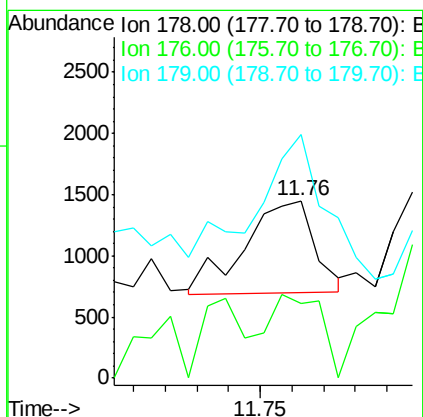
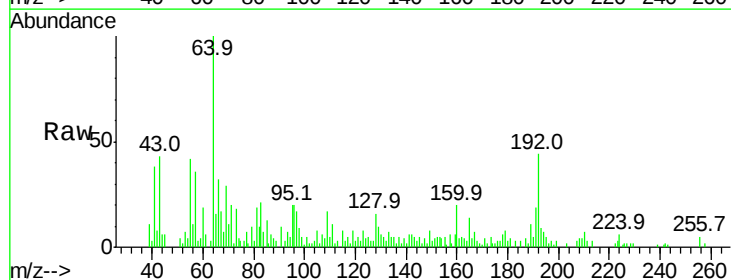
Instrument :
 BNA_F
 ClientSampled :

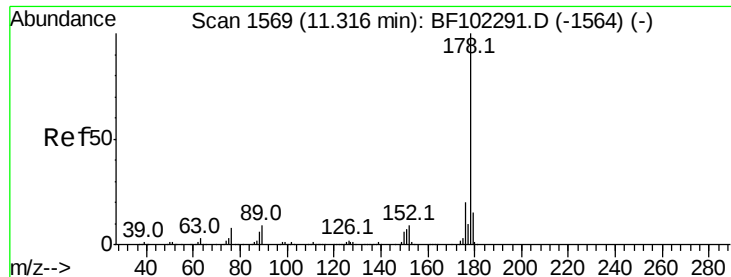
Tot Ion:266 Resp: 378
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 49.5 74.3#



#70
 Phenanthrene
 Concen: 57.937 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. 0.50 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion:178 Resp: 1158
 Ion Ratio Lower Upper
 178 100
 176 41.9 15.8 23.8#
 179 137.3 13.0 19.6#





#71

Anthracene

Concen: 364.249 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.52 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

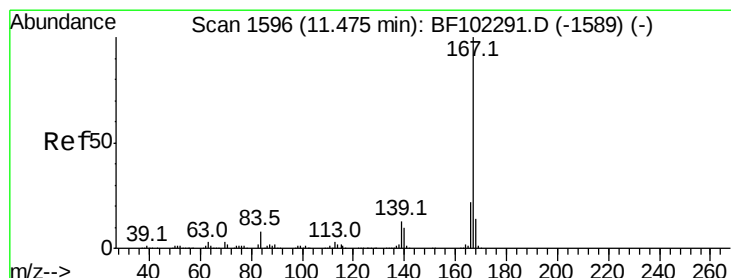
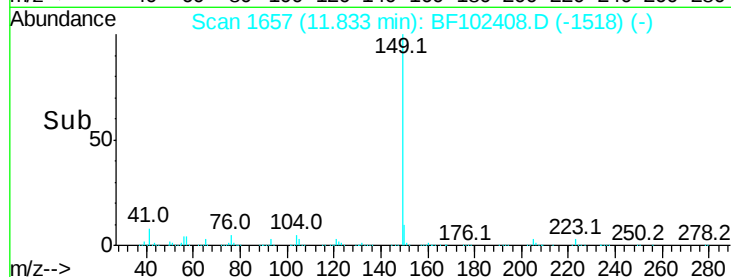
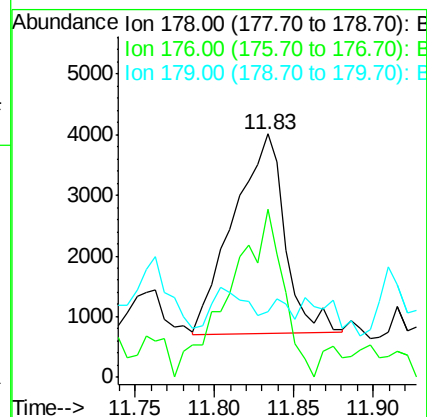
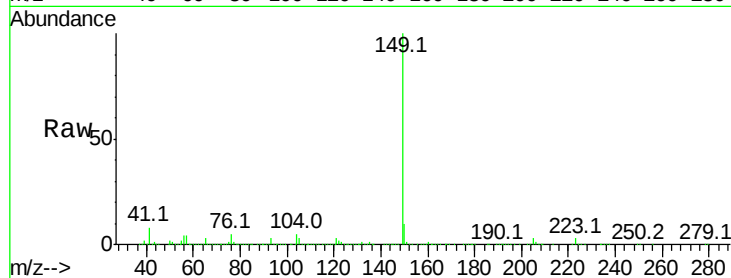
Tot Ion:178 Resp: 7431

Ion Ratio Lower Upper

178 100

176 69.2 15.4 23.2#

179 27.0 12.6 19.0#



#72

Carbazole

Concen: 148.020 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.49 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

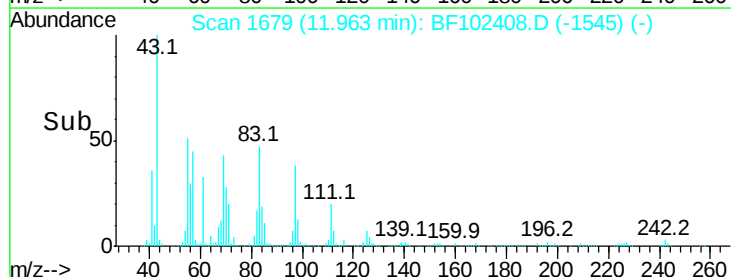
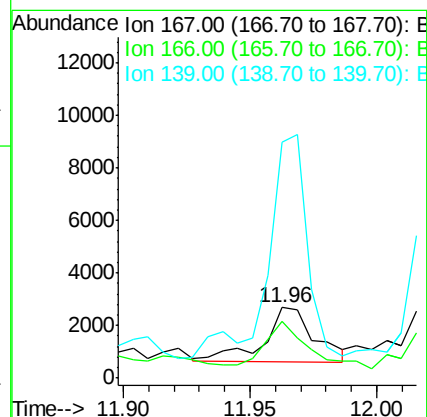
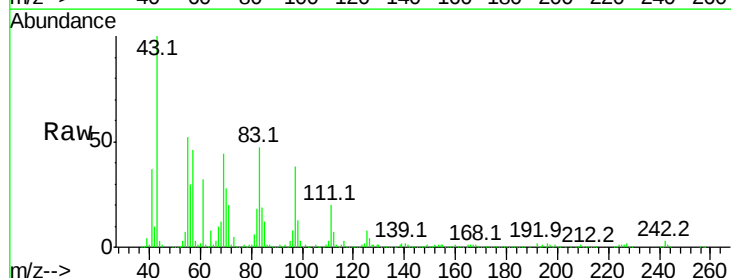
Tgt Ion:167 Resp: 2946

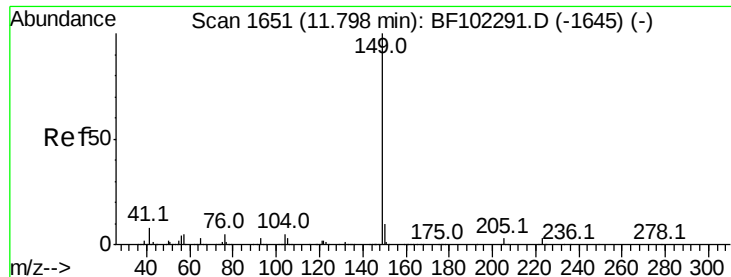
Ion Ratio Lower Upper

167 100

166 80.3 17.6 26.4#

139 335.3 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 39.875 ng

RT: 12.32 min Scan# 1739

Delta R.T. 0.52 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

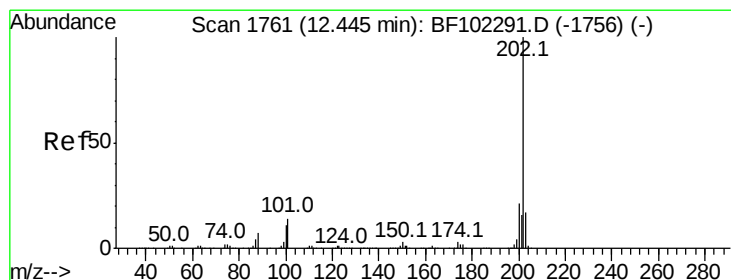
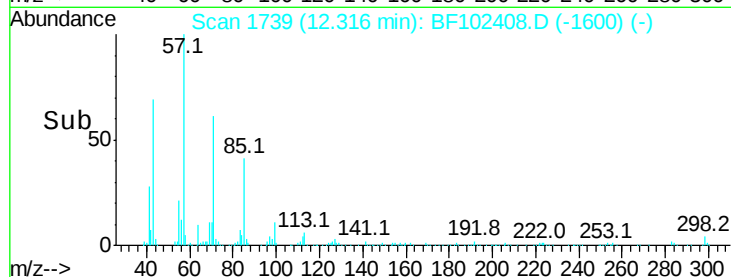
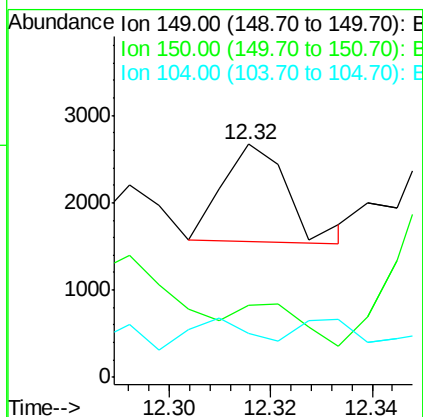
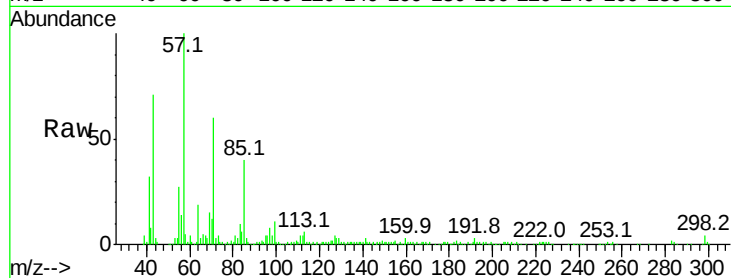
Tot Ion:149 Resp: 992

Ion Ratio Lower Upper

149 100

150 30.7 7.8 11.6#

104 18.9 3.8 5.8#



#74

Fluoranthene

Concen: 568.141 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.51 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

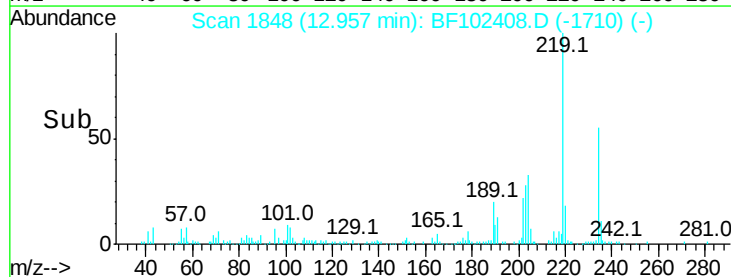
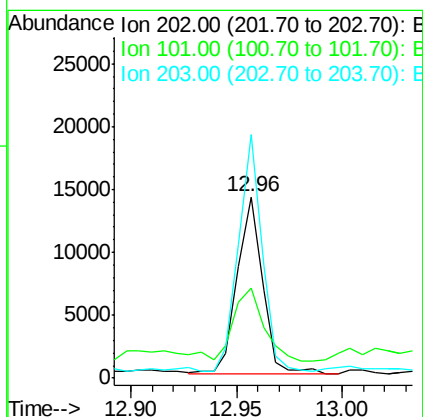
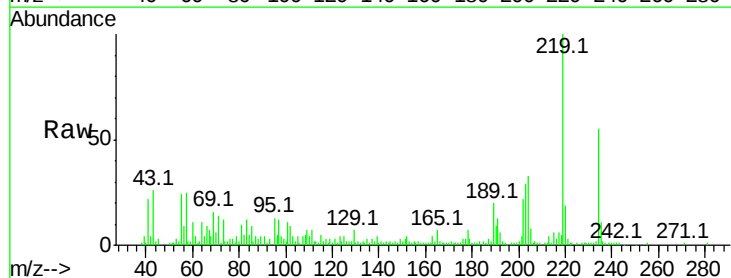
Tgt Ion:202 Resp: 11580

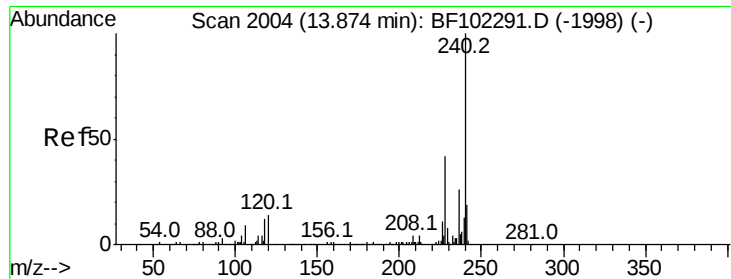
Ion Ratio Lower Upper

202 100

101 49.7 0.0 34.1#

203 134.2 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.65 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

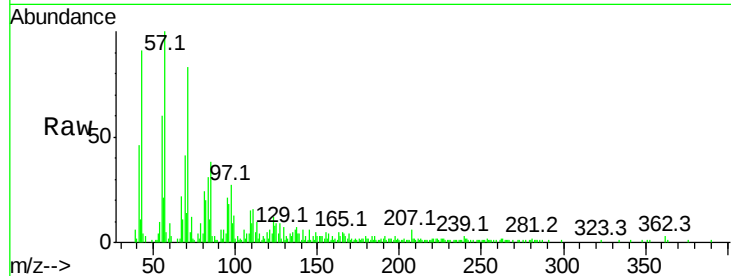
Tot Ion:240 Resp: 1976

Ion Ratio Lower Upper

240 100

120 119.8 9.5 14.3#

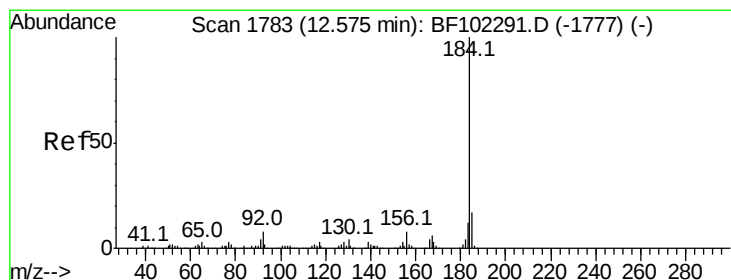
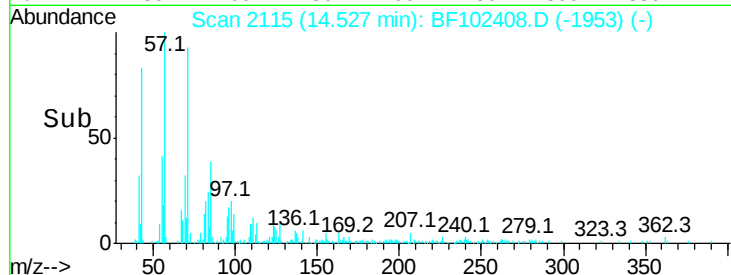
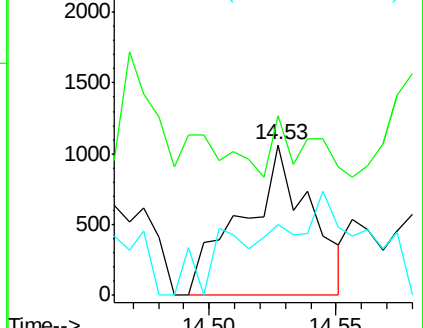
236 47.0 20.7 31.1#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.352 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.61 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

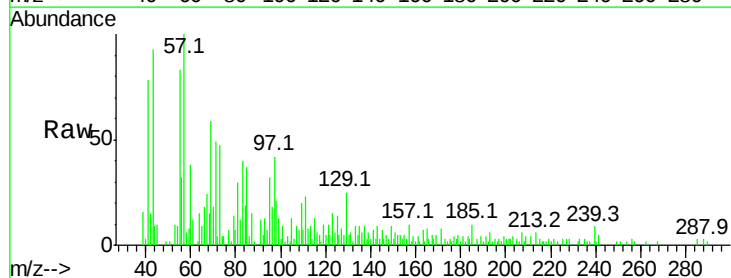
Tgt Ion:184 Resp: 488

Ion Ratio Lower Upper

184 100

185 368.5 12.6 18.8#

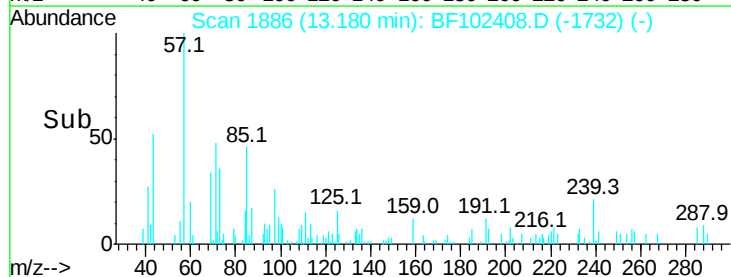
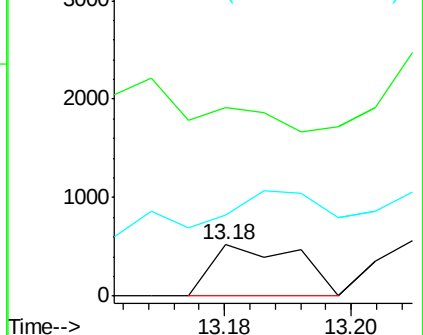
183 158.7 9.3 13.9#

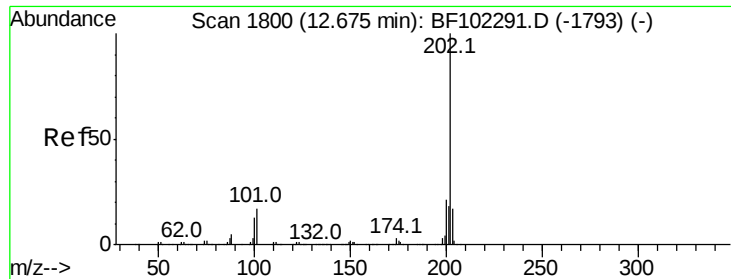


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 4.588 ng

RT: 13.28 min Scan# 1903

Delta R.T. 0.61 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampled :

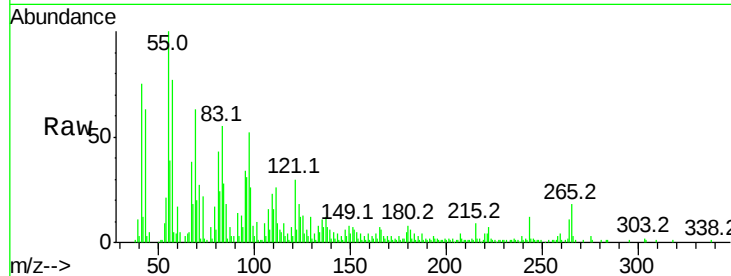
Tot Ion:202 Resp: 701

Ion Ratio Lower Upper

202 100

200 98.3 17.4 26.2#

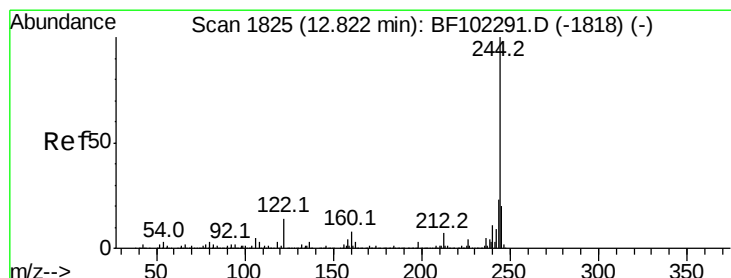
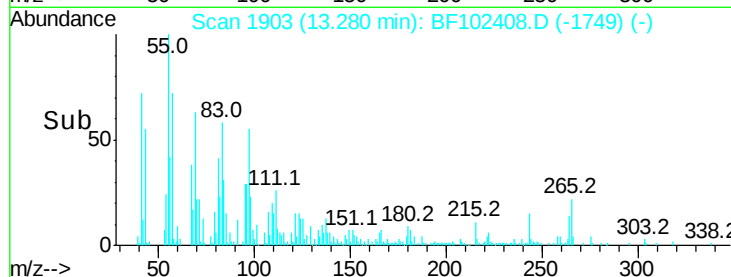
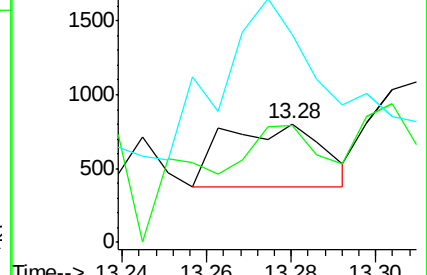
203 174.9 14.3 21.5#



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: 3.856 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.60 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

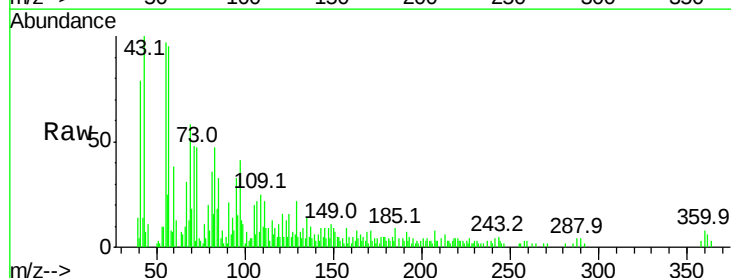
Tgt Ion:244 Resp: 338

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

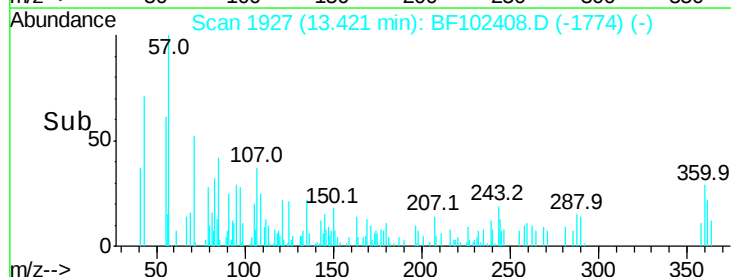
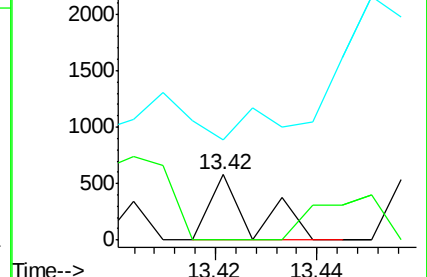
122 152.5 11.0 16.4#

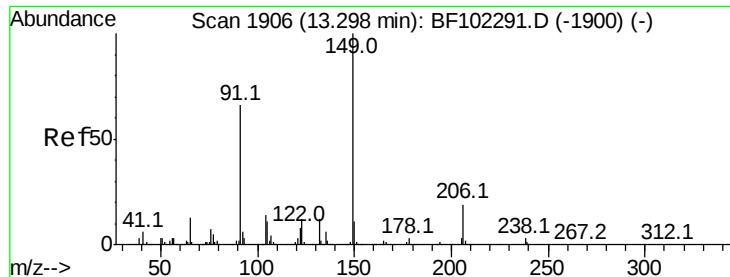


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

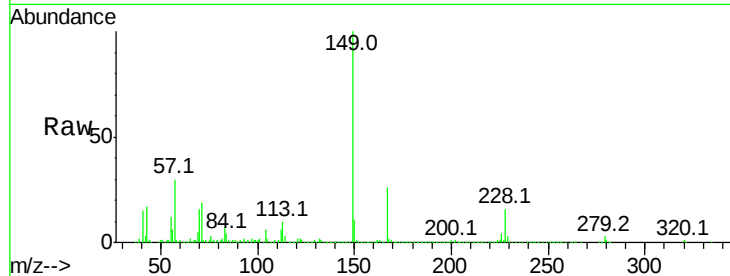




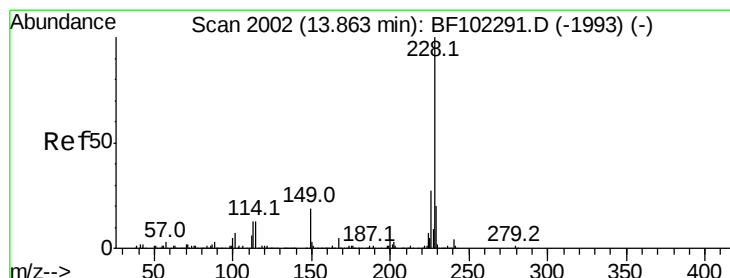
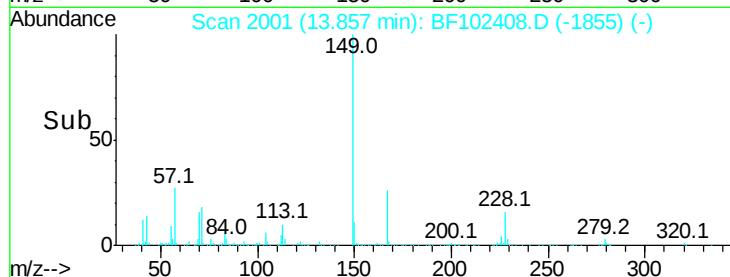
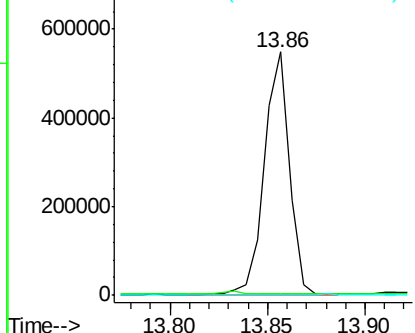
#79
Butylbenzylphthalate
Concen: 6386.093 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.56 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.9	56.8	85.2#
206	0.1	14.1	21.1#

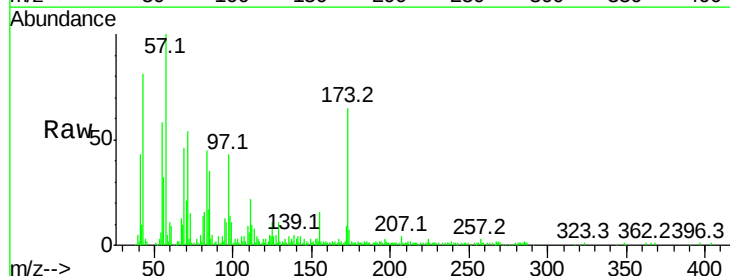


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

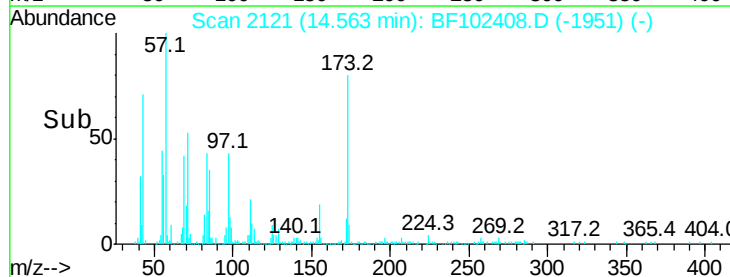
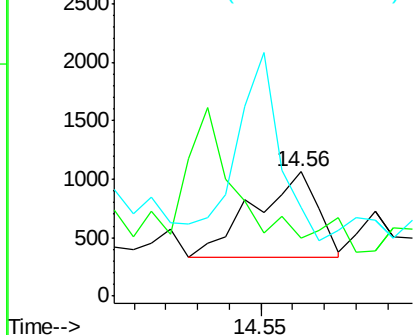


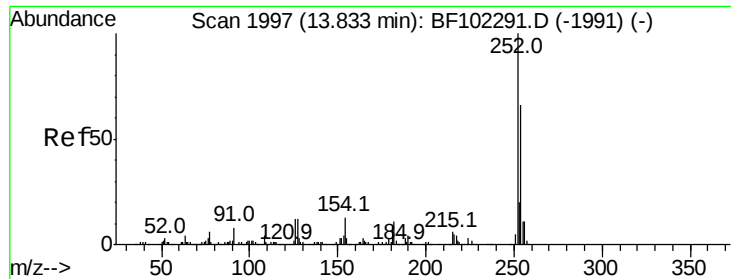
#80
Benzo(a)anthracene
Concen: 8.319 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.70 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.6	22.6	33.8#
229	71.7	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: 11.652 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.67 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

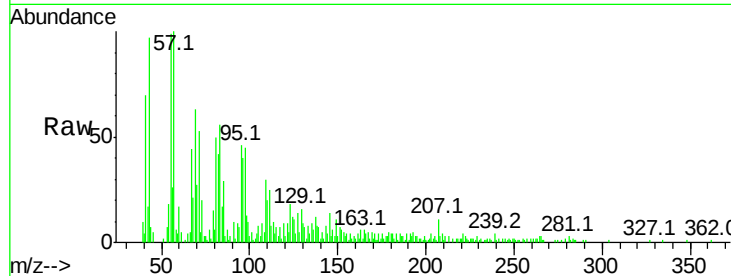
Tot Ion:252 Resp: 520

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

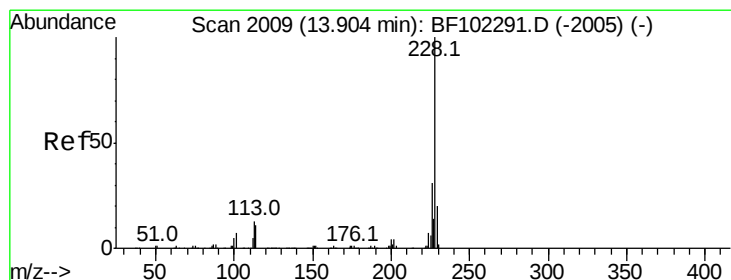
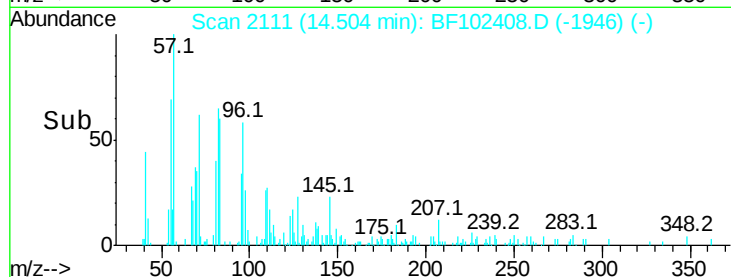
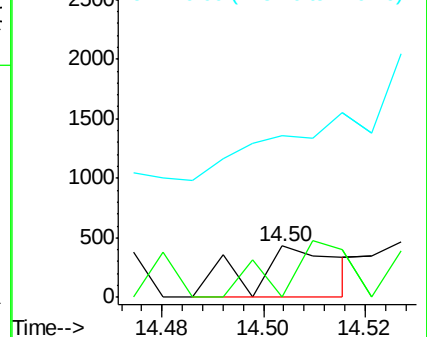
126 316.1 11.3 16.9#



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: 8.192 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.66 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

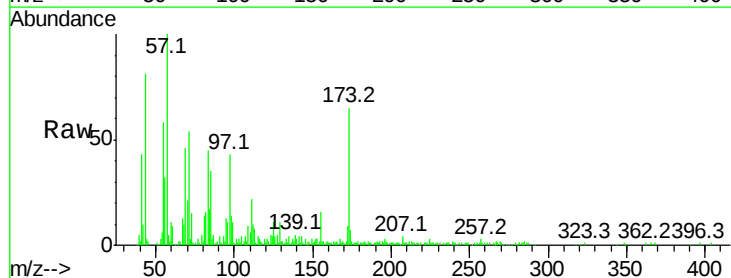
Tgt Ion:228 Resp: 1012

Ion Ratio Lower Upper

228 100

226 46.6 25.0 37.6#

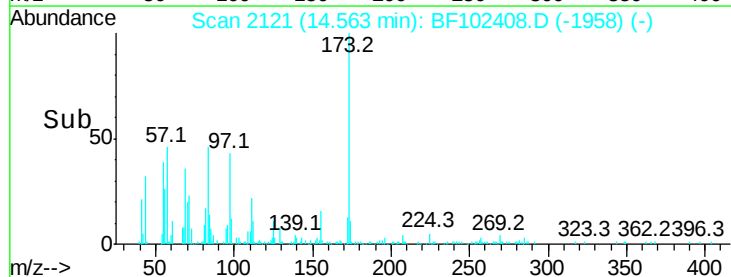
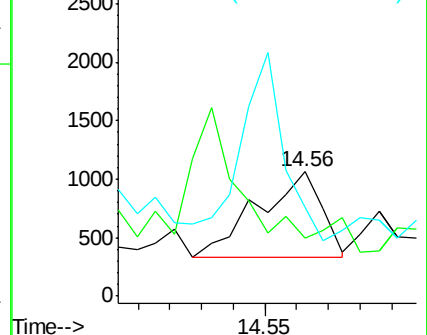
229 71.7 16.2 24.4#

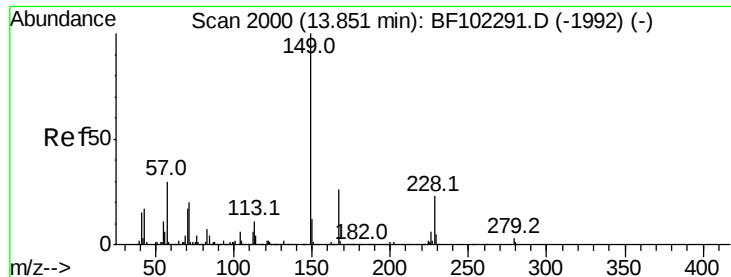


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

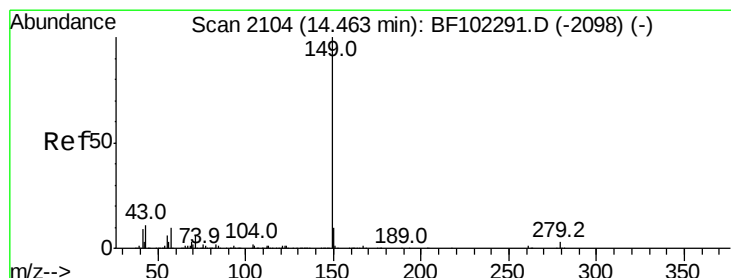
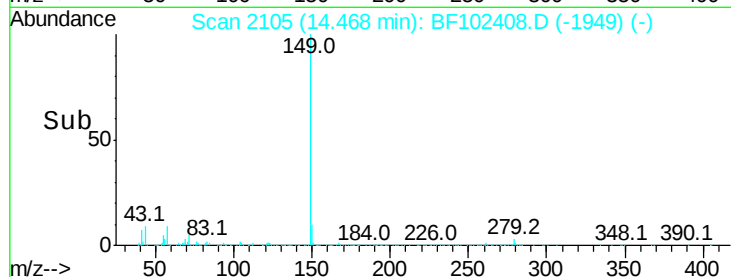
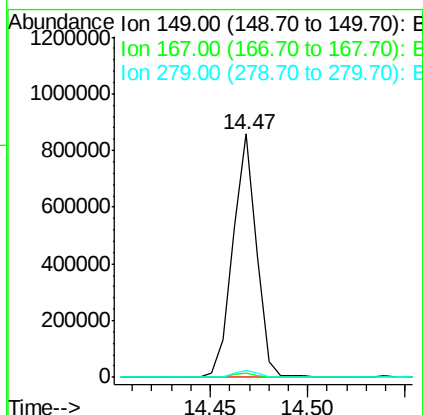
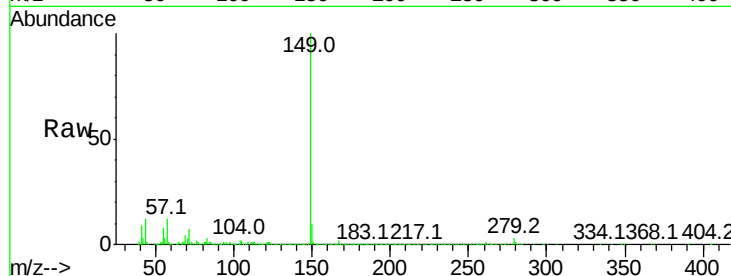




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6979.396 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.62 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

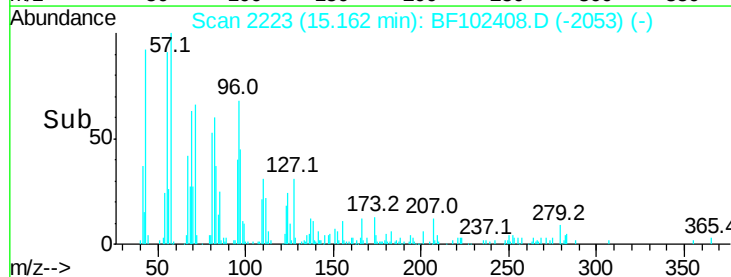
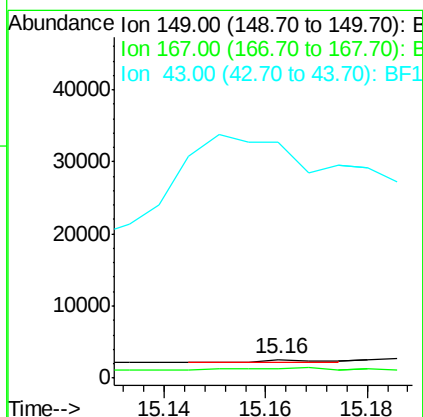
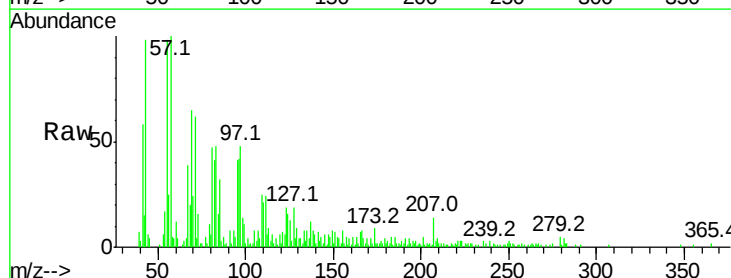
Instrument :
 BNA_F
 ClientSampleId :

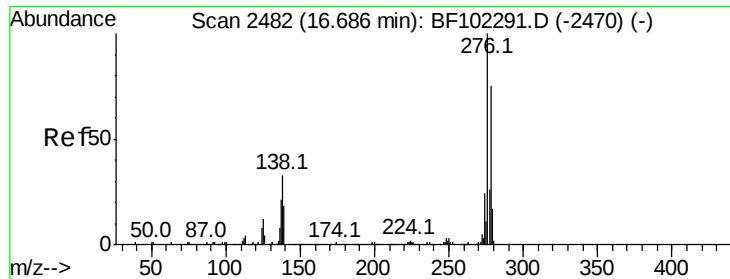
Tot Ion:149 Resp: 713128
 Ion Ratio Lower Upper
 149 100
 167 1.6 21.3 31.9#
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 2.431 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. 0.70 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion:149 Resp: 404
 Ion Ratio Lower Upper
 149 100
 167 170.3 1.2 1.8#
 43 12264.4 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.450 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.72 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

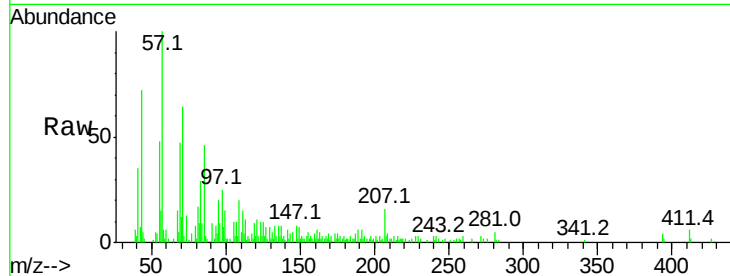
Tot Ion:276 Resp: 250

Ion Ratio Lower Upper

276 100

138 456.0 25.0 37.6#

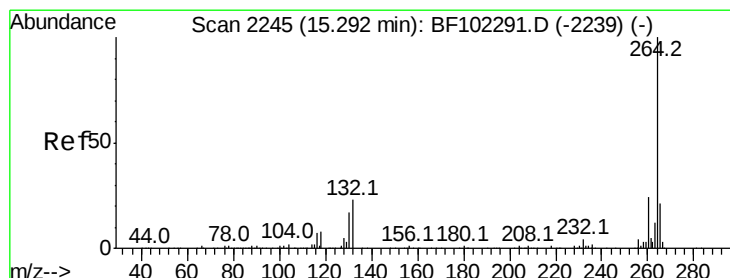
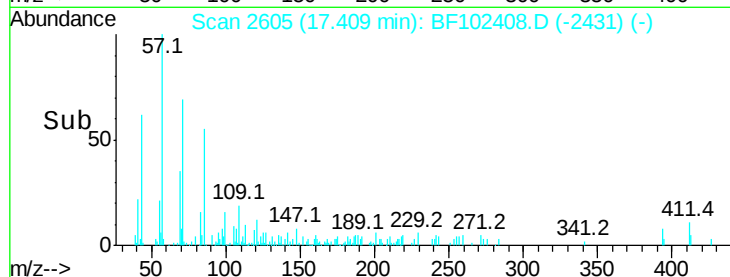
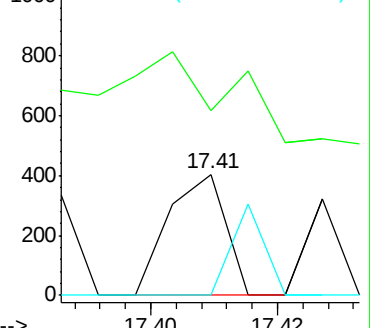
277 43.2 20.1 30.1#



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: 16.00 min Scan# 2365

Delta R.T. 0.71 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

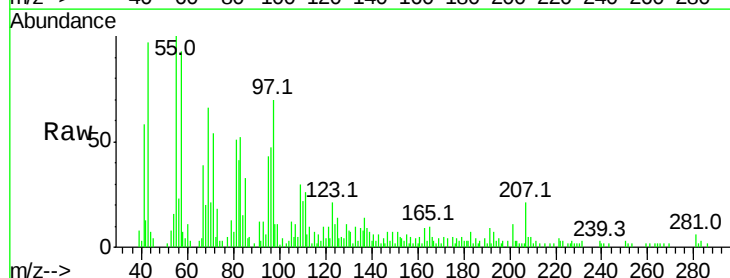
Tgt Ion:264 Resp: 139

Ion Ratio Lower Upper

264 100

260 0.0 19.2 28.8#

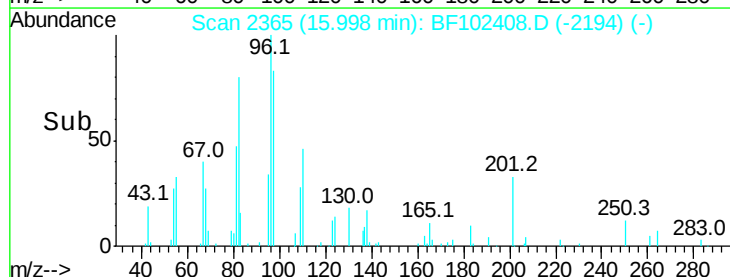
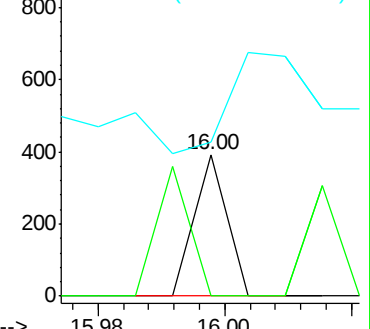
265 108.7 17.5 26.3#

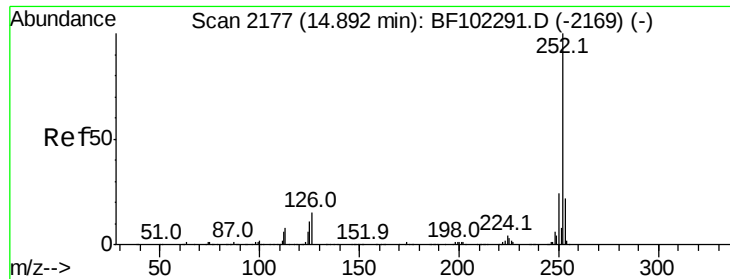


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 381.273 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.44 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

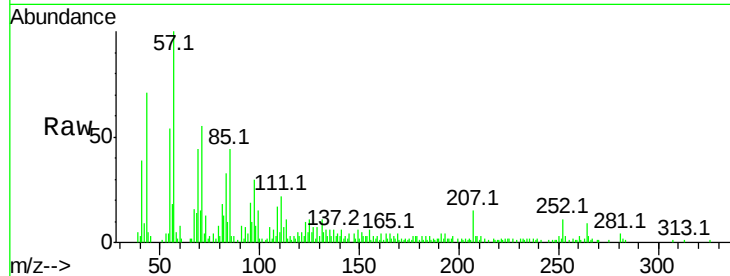
Tot Ion:252 Resp: 3435

Ion Ratio Lower Upper

252 100

253 26.9 17.0 25.6#

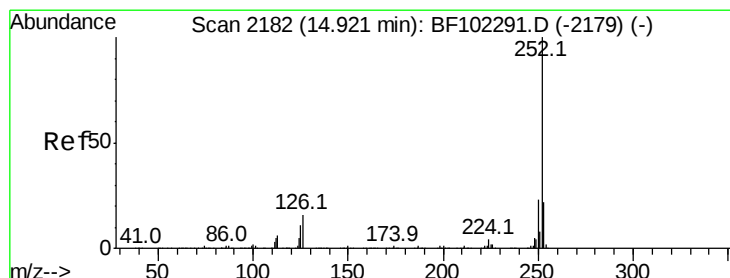
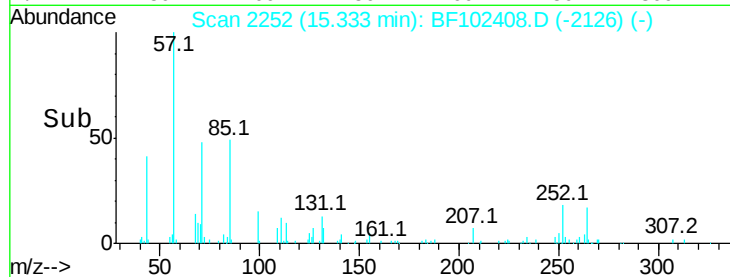
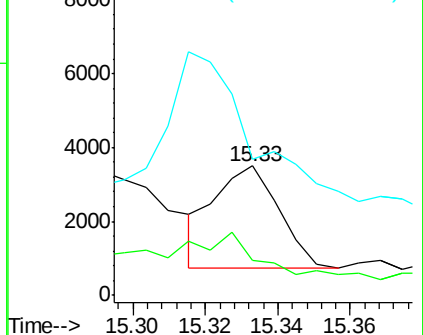
125 105.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.756 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.70 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

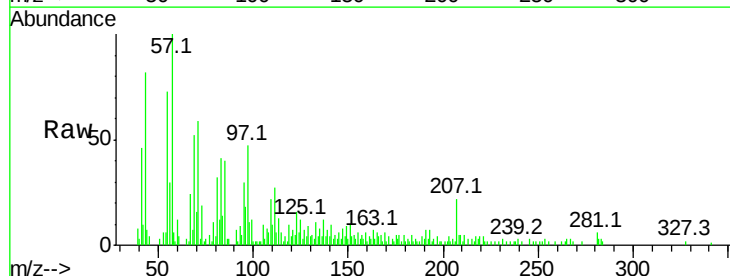
Tgt Ion:252 Resp: 415

Ion Ratio Lower Upper

252 100

253 134.7 17.9 26.9#

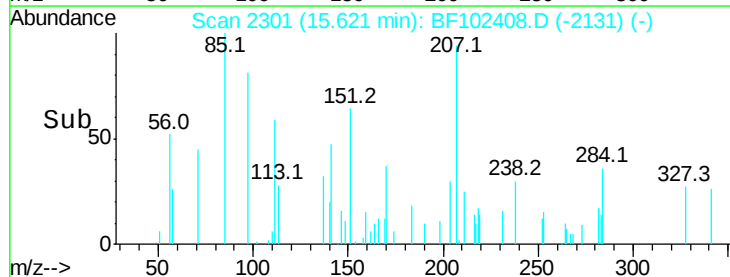
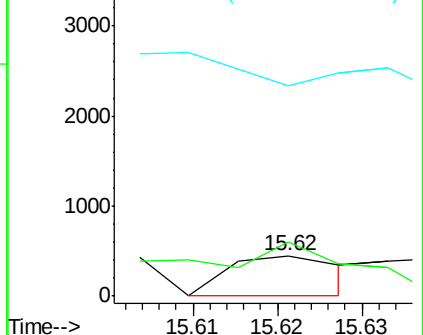
125 520.4 10.2 15.2#

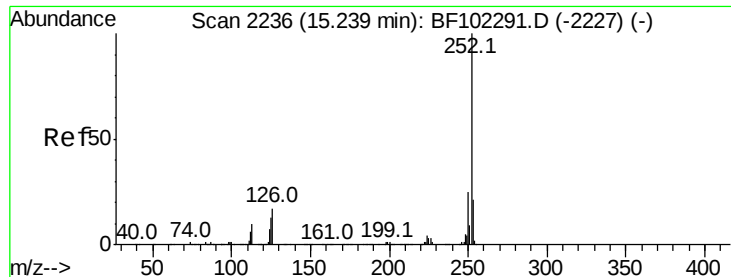


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 14.892 ng

RT: 15.93 min Scan# 2354

Delta R.T. 0.69 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

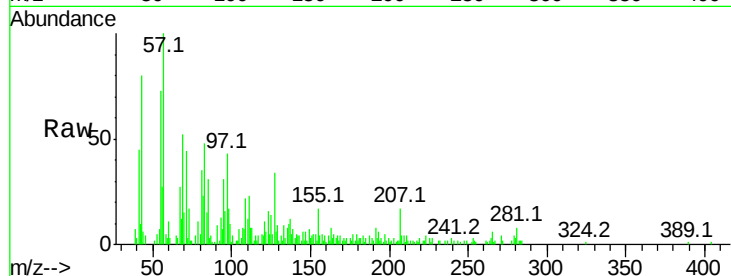
Tot Ion:252 Resp: 121

Ion Ratio Lower Upper

252 100

253 218.4 17.1 25.7#

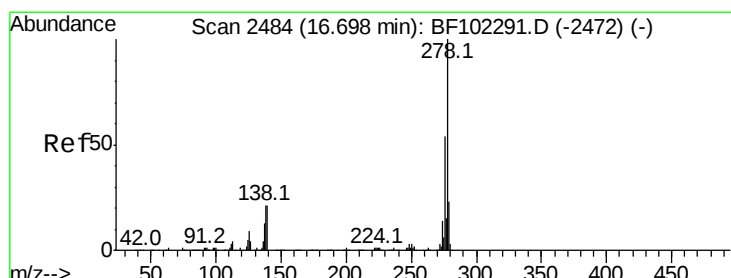
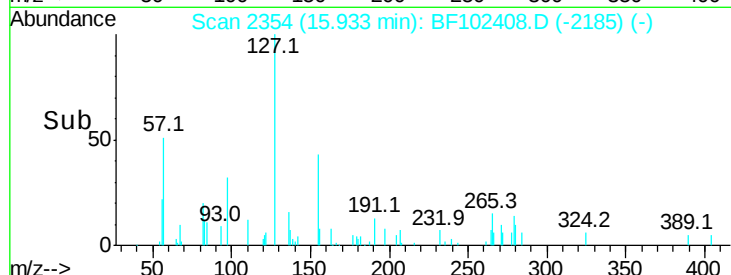
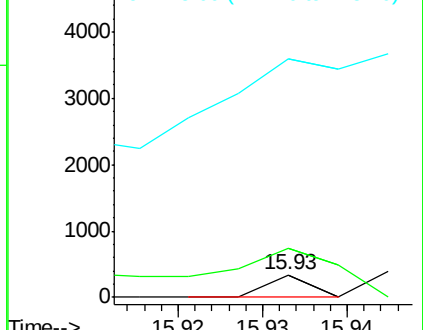
125 1053.2 9.8 14.6#



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: 51.352 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.49 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

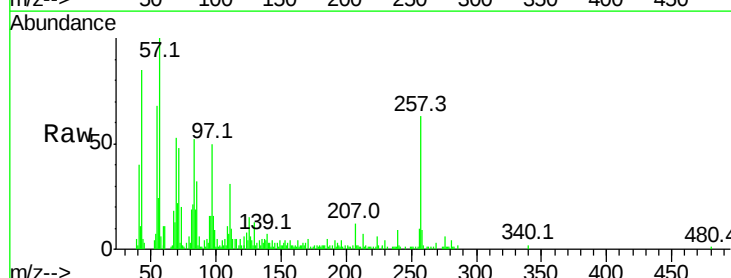
Tgt Ion:278 Resp: 338

Ion Ratio Lower Upper

278 100

139 730.8 15.9 23.9#

279 89.0 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

