

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102409.D
 Acq On : 25 Jan 2018 00:08
 Operator : SJ/JU
 Sample : J1236-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 02:54:56 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	6.89	152	281327	20.00	ng	0.18
21) Naphthalene-d8	8.36	136	20508	20.00	ng	0.36
38) Acenaphthene-d10	10.20	164	3357	20.00	ng	0.45
63) Phenanthrene-d10	11.77	188	621	20.00	ng	0.54
75) Chrysene-d12	14.53	240	2278	20.00	ng	0.65
86) Perylene-d12	16.02	264	349	20.00	ng	0.73

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	312323	16.83	ng	0.03
7) Phenol-d6	6.59	99	117644	5.26	ng	0.23
23) Nitrobenzene-d5	7.63	82	738526	2069.48	ng	0.35
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.52	172	779	3.41	ng	0.44
78) Terphenyl-d14	13.42	244	177	1.75	ng	0.60

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	137738	15.624	ng	97
3) Pyridine	3.14	79	388787	16.876	ng	95
4) n-Nitrosodimethylamine	3.12	42	182438	20.200	ng	94
8) 2-Chlorophenol	6.52	128	311834	16.033	ng	98
9) Benzaldehyde	6.42	77	141386	9.098	ng	# 1
10) Phenol	6.39	94	405213	16.593	ng	84
12) 1,3-Dichlorobenzene	6.91	146	317259	13.716	ng	99
13) 1,4-Dichlorobenzene	6.75	146	236901	10.224	ng	94
14) 1,2-Dichlorobenzene	6.91	146	317259	14.969	ng	# 92
15) Benzyl Alcohol	6.88	79	275235	17.439	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	279700	8.979	ng	# 32
17) 2-Methylphenol	7.15	107	444277	26.302	ng	# 66
18) Hexachloroethane	7.42	117	41720	5.167	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	608255	44.434	ng	# 52
20) 3+4-Methylphenols	7.29	107	43382	2.184	ng	# 1
22) Acetophenone	7.45	105	321454	657.536	ng	# 29
24) Nitrobenzene	7.62	77	58790	160.978	ng	# 65
25) Isophorone	7.88	82	29513	46.389	ng	# 1
26) 2-Nitrophenol	7.99	139	9988	51.963	ng	# 1
27) 2,4-Dimethylphenol	8.04	122	12444	44.586	ng	# 1
28) bis(2-Chloroethoxy)methane	8.09	93	8705	22.150	ng	# 1
29) 2,4-Dichlorophenol	8.26	162	26982	94.907	ng	# 39
30) 1,2,4-Trichlorobenzene	8.32	180	1926	6.320	ng	# 1
31) Naphthalene	8.39	128	7347	7.175	ng	# 1
32) Benzoic acid	8.23	122	11376	48.649	ng	94
33) 4-Chloroaniline	8.42	127	4795	11.136	ng	# 60
35) Caprolactam	8.82	113	18497	196.999	ng	# 6
36) 4-Chloro-3-methylphenol	8.96	107	4529	15.113	ng	# 31
37) 2-Methylnaphthalene	8.82	142	610713	895.590	ng	96
42) 2,4,6-Trichlorophenol	9.42	196	319	4.718	ng	# 13
43) 2,4,5-Trichlorophenol	9.46	196	2178	28.611	ng	# 1
45) 1,1'-Biphenyl	9.79	154	518964	1728.898	ng	# 7
46) 2-Chloronaphthalene	9.76	162	244635	1048.498	ng	# 16
47) 2-Nitroaniline	9.72	65	86632	1190.971	ng	# 75

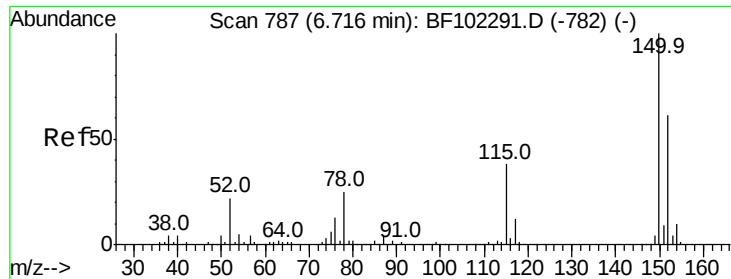
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
48) Acenaphthylene	9.79	152	275838	758.849	nq	#	1
49) Dimethylphthalate	9.90	163	276765	997.434	nq	#	96
50) 2,6-Dinitrotoluene	9.96	165	154140	2576.545	nq	#	78
51) Acenaphthene	10.24	154	1066	5.021	nq	#	66
52) 3-Nitroaniline	10.15	138	76374	1079.173	nq	#	54
53) 2,4-Dinitrophenol	10.30	184	3347	122.629	nq	#	1
54) Dibenzofuran	10.42	168	354635	1234.326	nq	#	1
55) 4-Nitrophenol	10.33	139	10339	221.316	nq	#	1
56) 2,4-Dinitrotoluene	10.30	165	578684	7865.968	nq	#	26
57) Fluorene	10.77	166	887	3.896	nq	#	1
58) 2,3,4,6-Tetrachlorophenol	10.60	232	114	2.097	nq	#	1
59) Diethylphthalate	10.65	149	999	3.705	nq	#	1
60) 4-Chlorophenyl-phenylether	10.61	204	1075	10.891	nq	#	1
61) 4-Nitroaniline	10.78	138	1295	18.338	nq	#	1
62) Azobenzene	10.78	77	100069	405.349	nq	#	47
64) 4,6-Dinitro-2-methylphenol	10.66	198	2251	543.319	nq		83
65) n-Nitrosodiphenylamine	10.90	169	6809	298.731	nq	#	48
68) Atrazine	11.45	200	982	145.874	nq	#	1
69) Pentachlorophenol	11.59	266	133	33.864	nq	#	37
70) Phenanthrene	11.77	178	429	11.855	nq	#	1
71) Anthracene	11.83	178	8413	227.774	nq	#	24
72) Carbazole	12.02	167	3198	88.750	nq	#	1
73) Di-n-butylphthalate	12.36	149	961	21.336	nq	#	32
74) Fluoranthene	13.07	202	1091	29.565	nq	#	1
76) Benzidine	13.19	184	794	10.376	nq	#	1
77) Pyrene	13.27	202	622	3.532	nq	#	1
79) Butylbenzylphthalate	13.86	149	479061	5465.600	nq	#	24
80) Benzo(a)anthracene	14.50	228	290	2.068	nq	#	1
81) 3,3'-Dichlorobenzidine	14.48	252	277	5.384	nq	#	1
82) Chrysene	14.55	228	693	4.866	nq	#	1
83) Bis(2-ethylhexyl)phthalate	14.47	149	680817	5779.816	nq	#	57
84) Di-n-octyl phthalate	15.15	149	868	4.531	nq	#	1
85) Indeno(1,2,3-cd)pyrene	17.35	276	471	4.004	nq	#	55
87) Benzo(b)fluoranthene	15.60	252	659	29.133	nq	#	1
88) Benzo(k)fluoranthene	15.63	252	317	14.833	nq	#	1
89) Benzo(a)pyrene	15.97	252	113	5.539	nq	#	1
90) Dibenzo(a,h)anthracene	17.26	278	217	13.131	nq	#	1
91) Benzo(g,h,i)perylene	17.89	276	119	7.293	nq	#	1

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

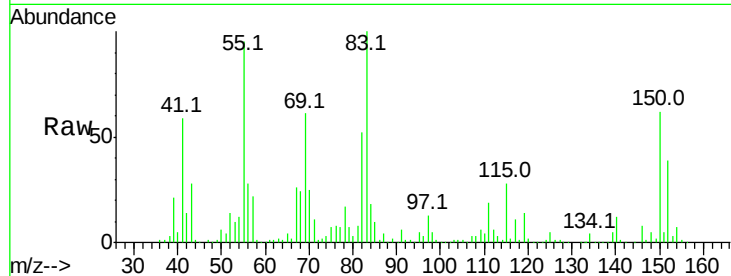


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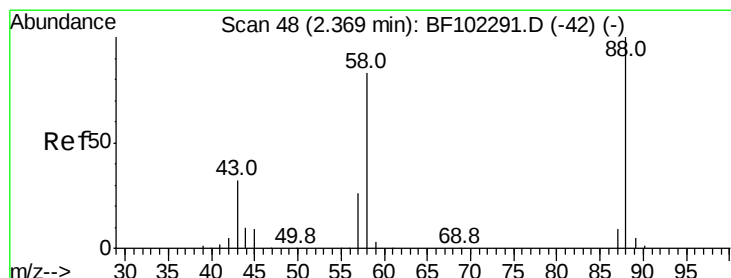
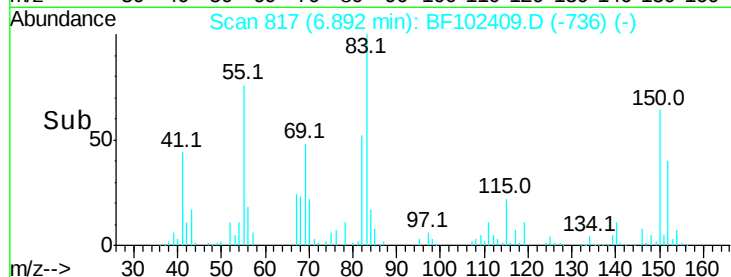
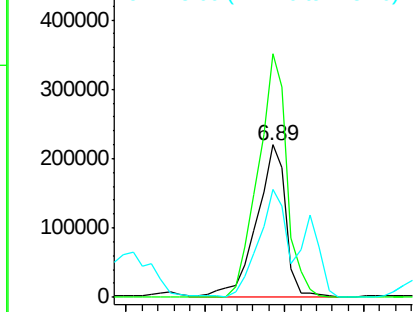
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.18 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 281327
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 70.6 50.1 75.1



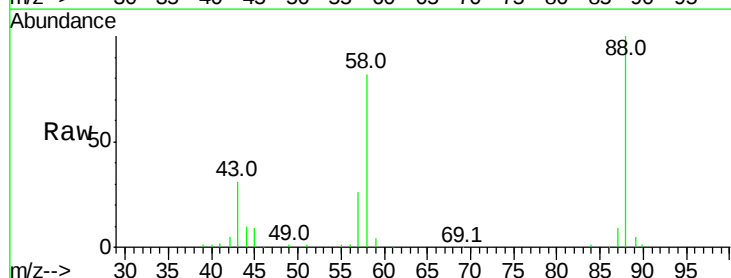
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



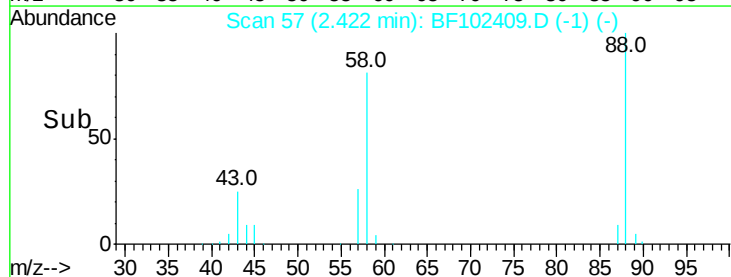
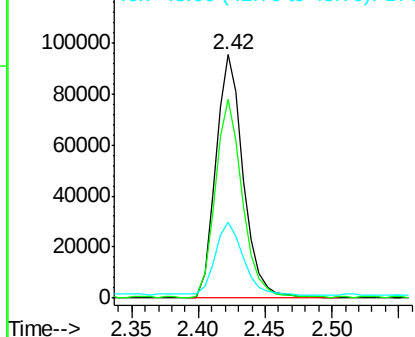
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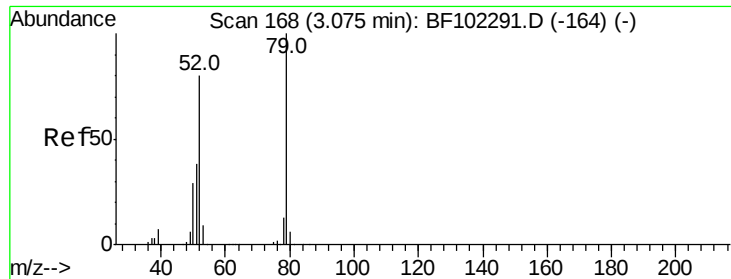
1,4-Dioxane
Concen: 15.624 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.05 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion: 88 Resp: 137738
Ion Ratio Lower Upper
88 100
58 81.6 62.6 93.8
43 30.7 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: 16.876 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.06 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

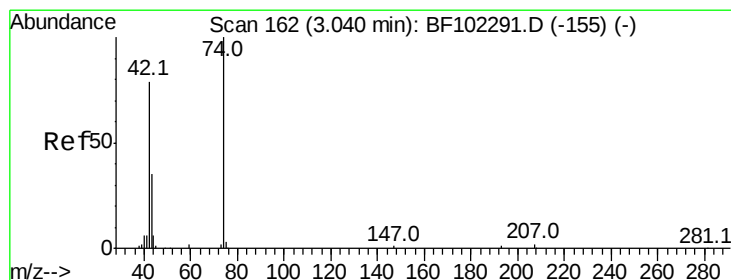
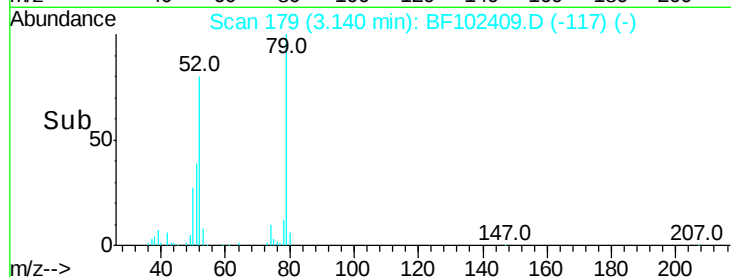
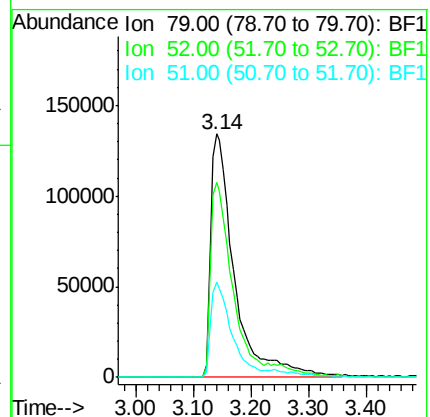
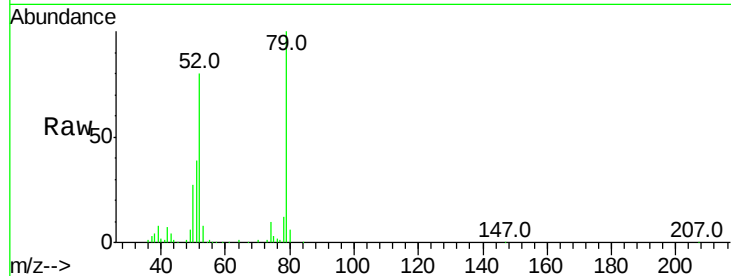
Tot Ion: 79 Resp: 388787

Ion Ratio Lower Upper

79 100

52 80.2 59.8 89.6

51 39.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 20.200 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.08 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

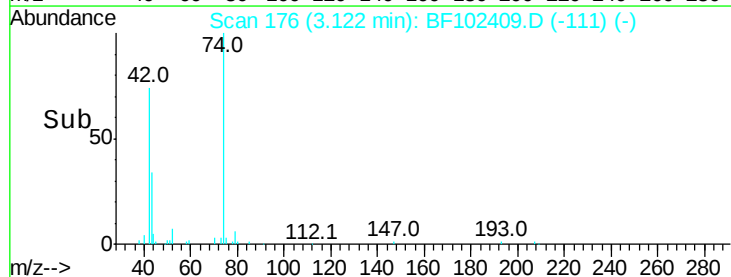
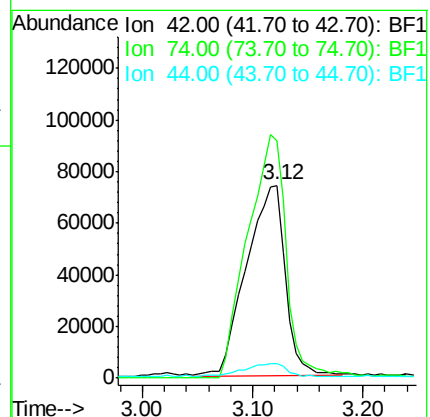
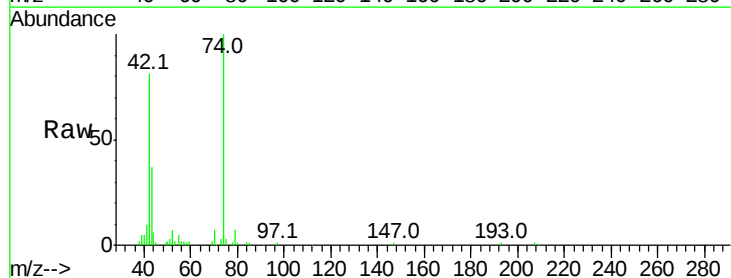
Tgt Ion: 42 Resp: 182438

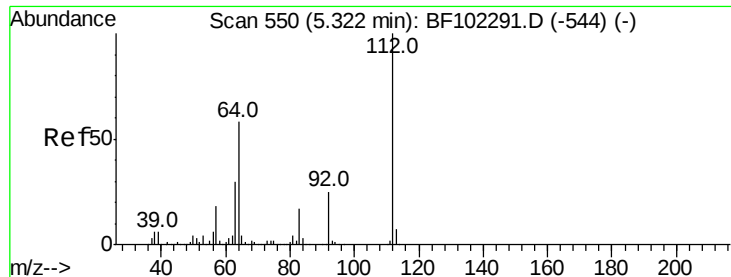
Ion Ratio Lower Upper

42 100

74 123.2 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 16.833 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.03 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

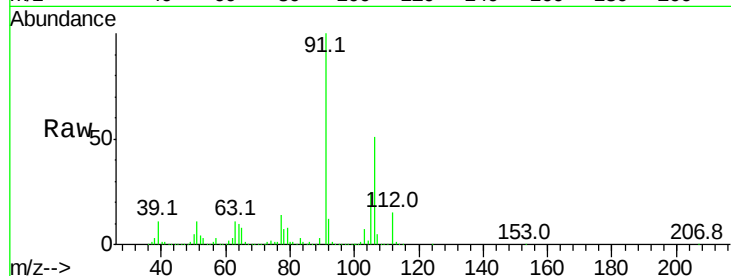
Tot Ion:112 Resp: 312323

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

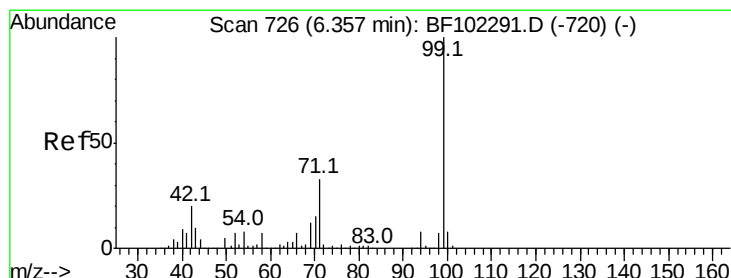
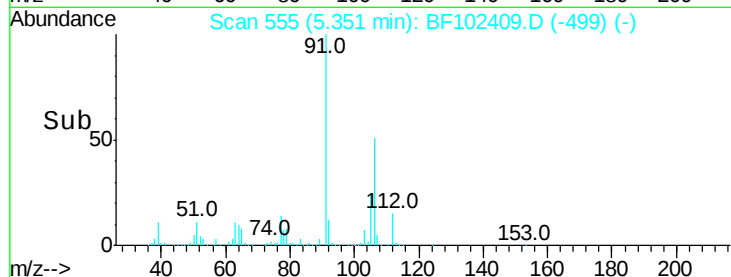
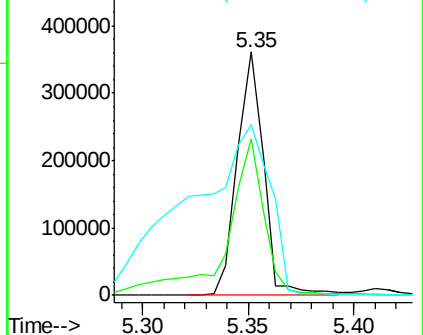
63 70.3 23.7 35.5#



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



#7

Phenol-d6

Concen: 5.259 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.23 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

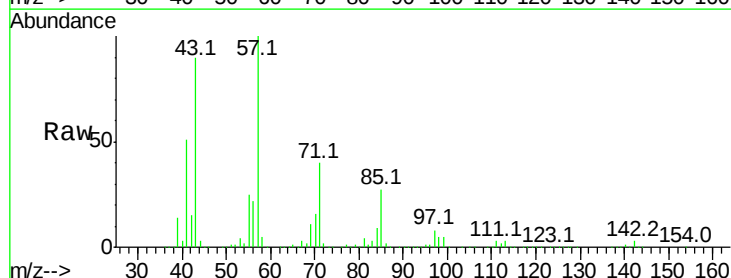
Tgt Ion: 99 Resp: 117644

Ion Ratio Lower Upper

99 100

42 284.9 14.5 21.7#

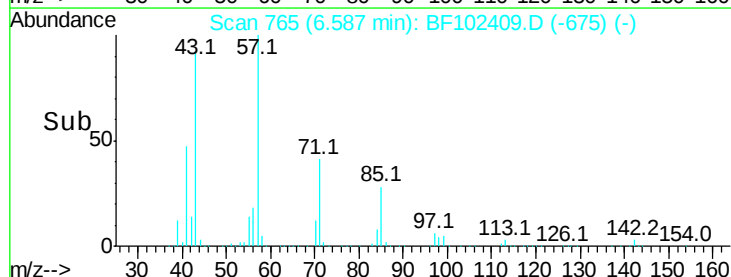
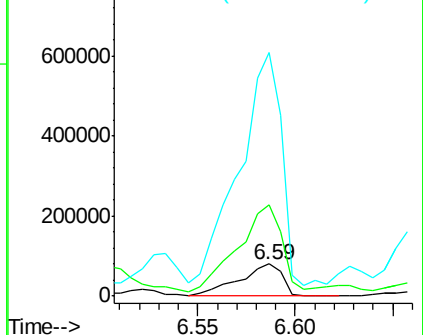
71 761.9 25.4 38.0#

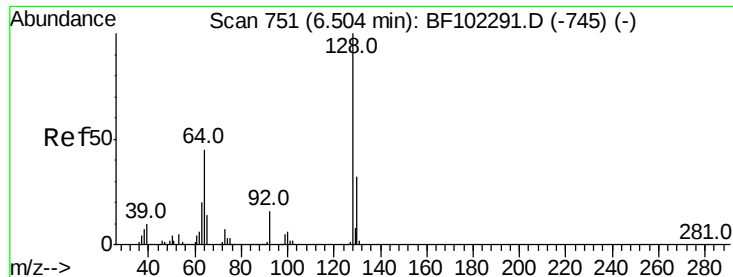


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 16.033 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

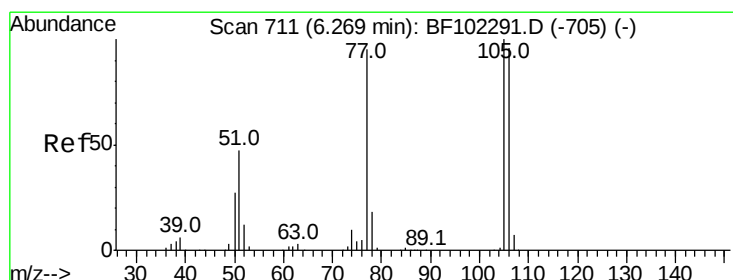
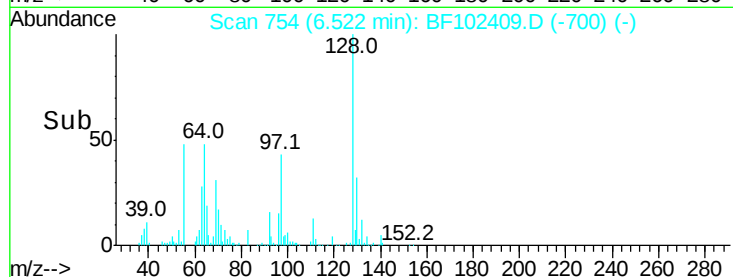
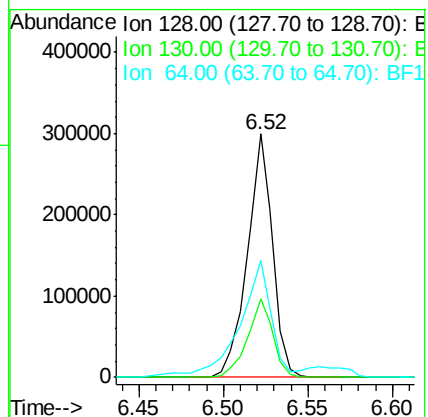
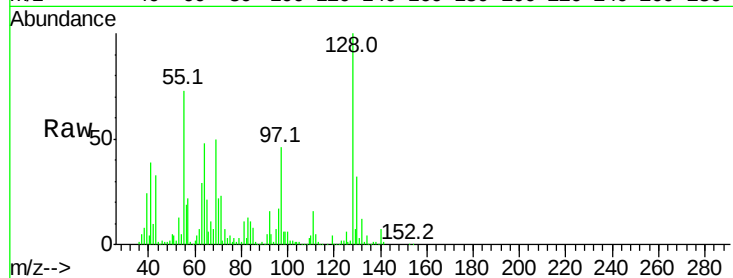
Tot Ion:128 Resp: 311834

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 47.8 29.4 69.4



#9

Benzaldehyde

Concen: 9.098 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.15 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

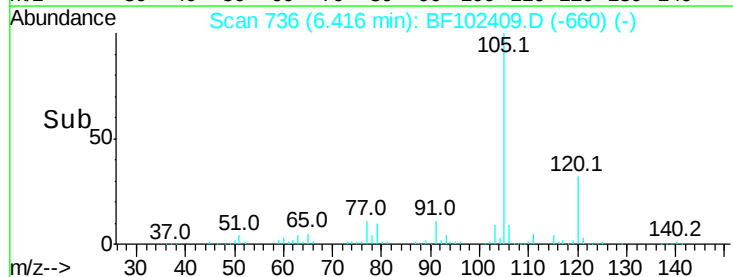
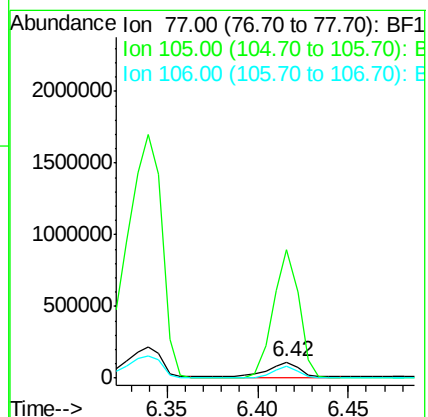
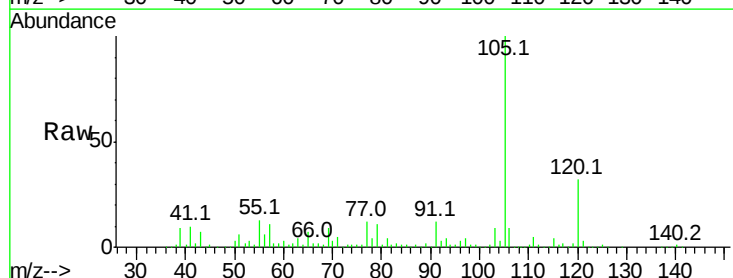
Tgt Ion: 77 Resp: 141386

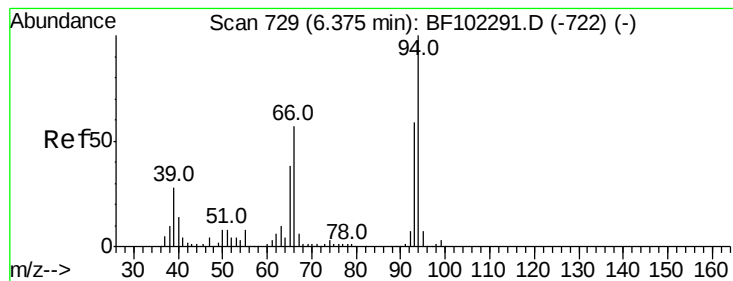
Ion Ratio Lower Upper

77 100

105 815.4 81.1 121.1#

106 72.7 74.5 114.5#





#10

Phenol

Concen: 16.593 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

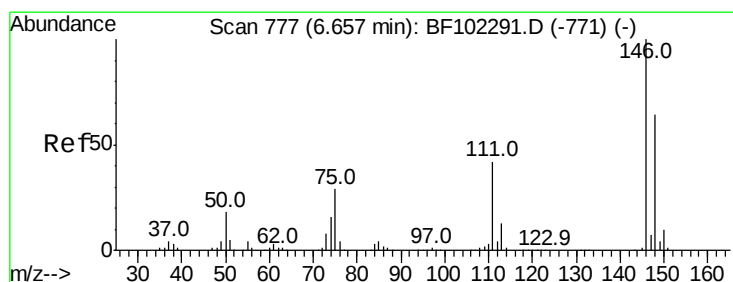
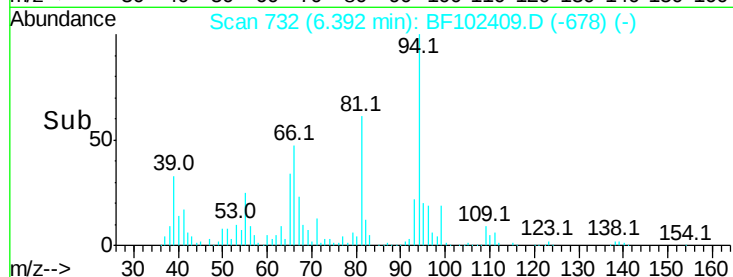
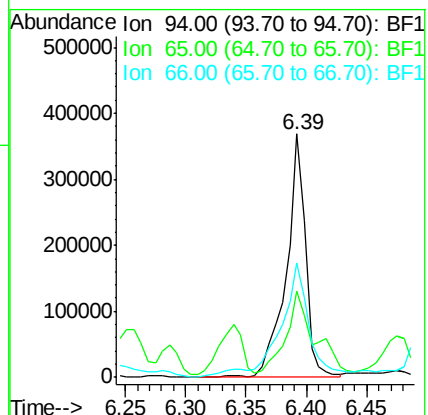
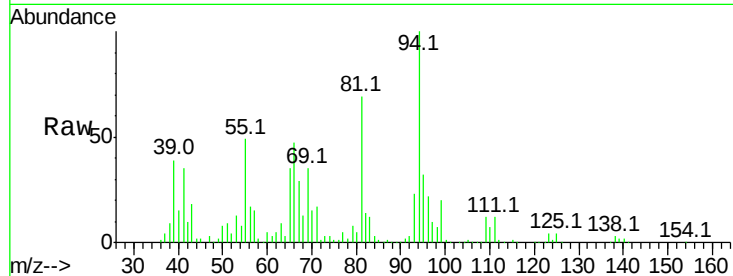
Tot Ion: 94 Resp: 405213

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

66 46.8 16.2 56.2



#12

1,3-Dichlorobenzene

Concen: 13.716 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.25 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

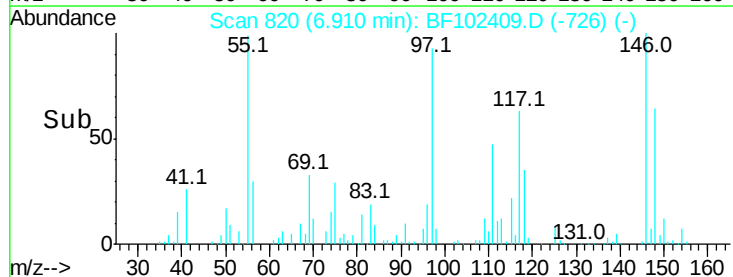
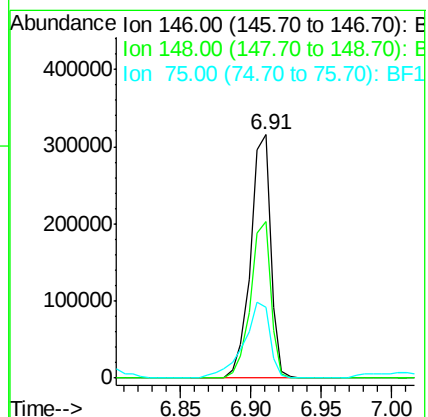
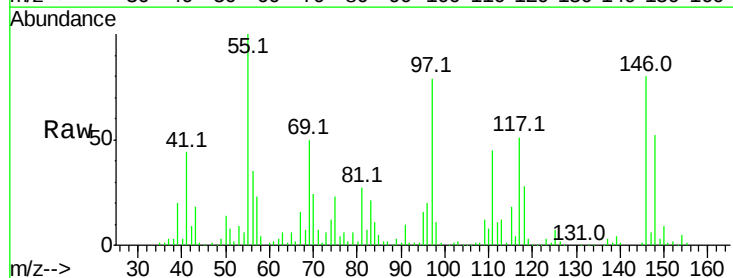
Tgt Ion: 146 Resp: 317259

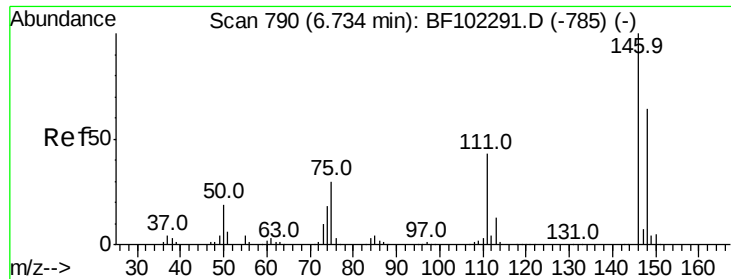
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

75 29.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 10.224 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

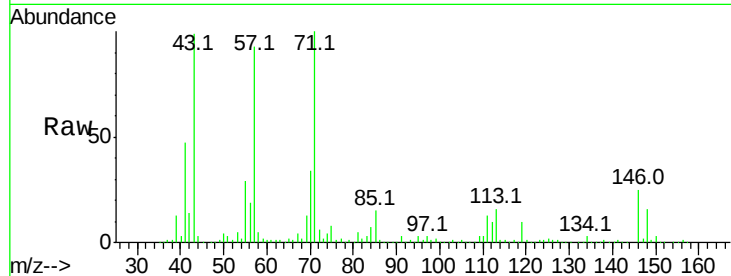
Tot Ion:146 Resp: 236901

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

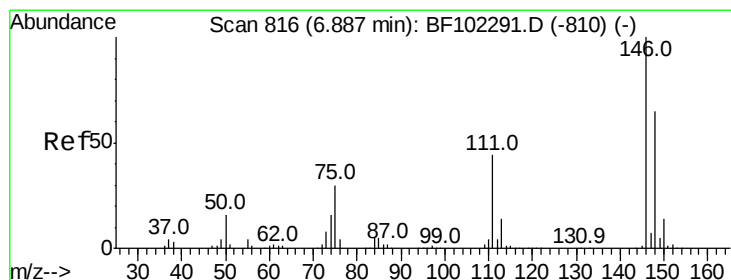
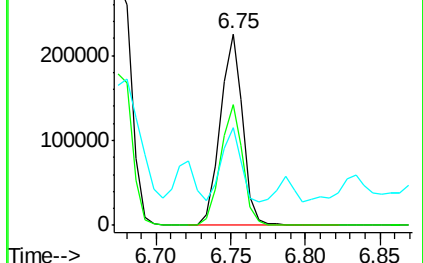
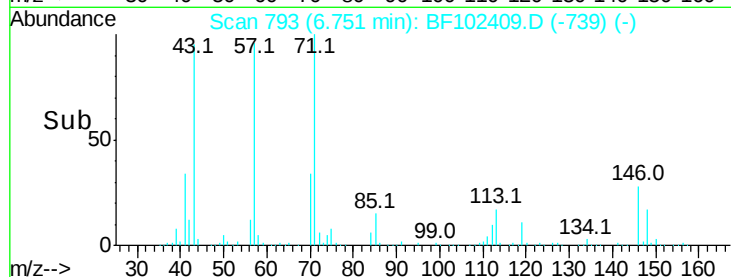
111 50.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 14.969 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

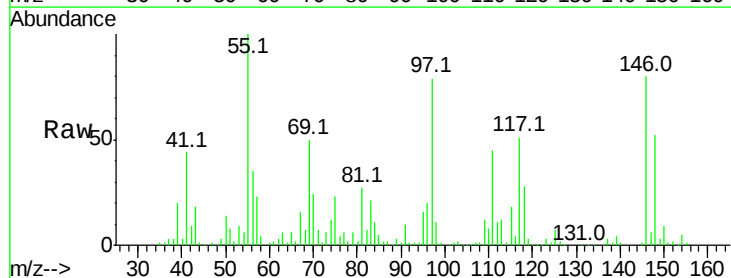
Tgt Ion:146 Resp: 317259

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

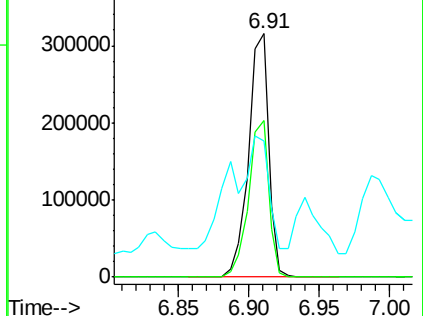
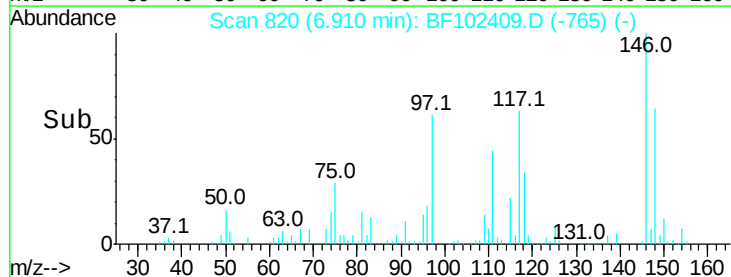
111 56.2 36.0 54.0#

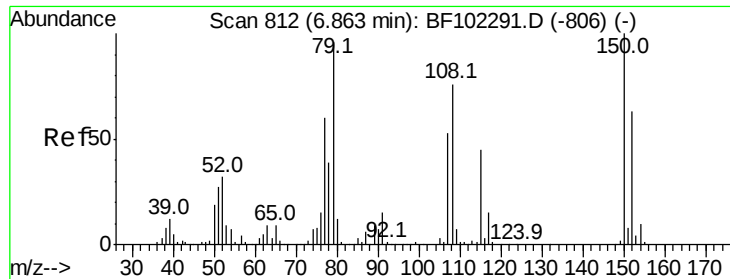


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.439 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

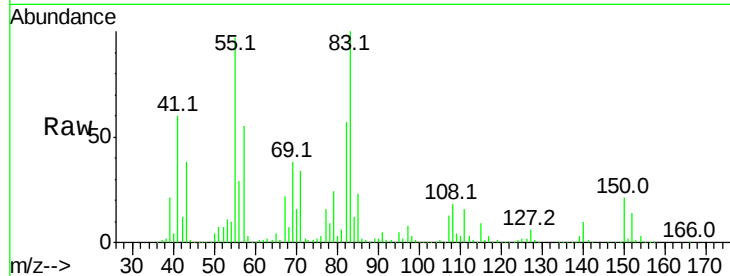
Tot Ion: 79 Resp: 275235

Ion Ratio Lower Upper

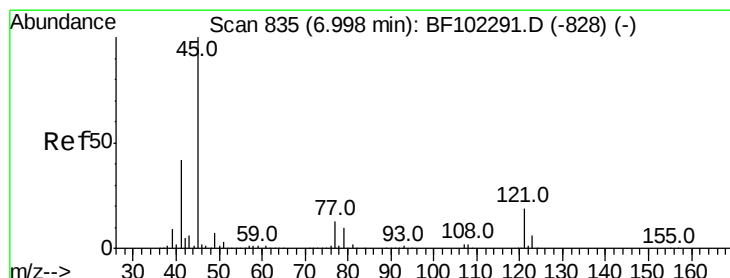
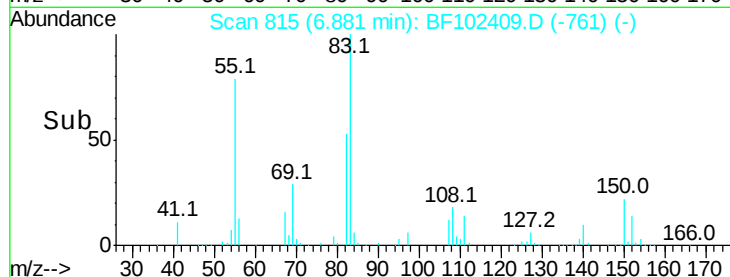
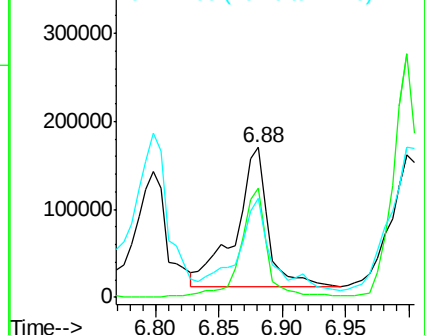
79 100

108 73.1 65.1 97.7

77 65.8 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.979 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

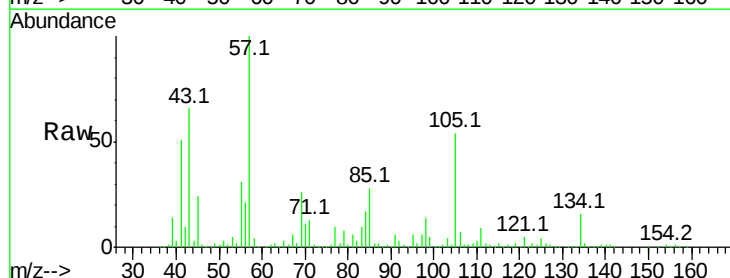
Tgt Ion: 45 Resp: 279700

Ion Ratio Lower Upper

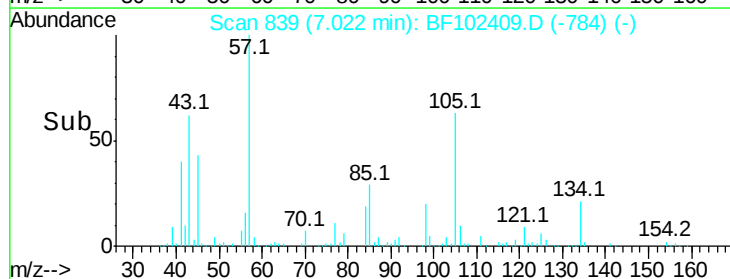
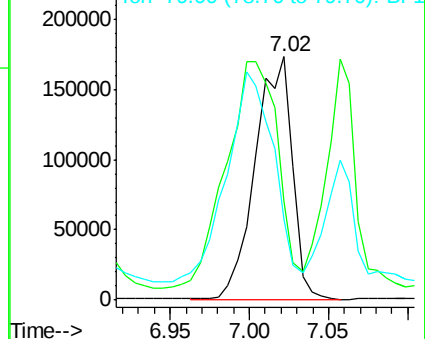
45 100

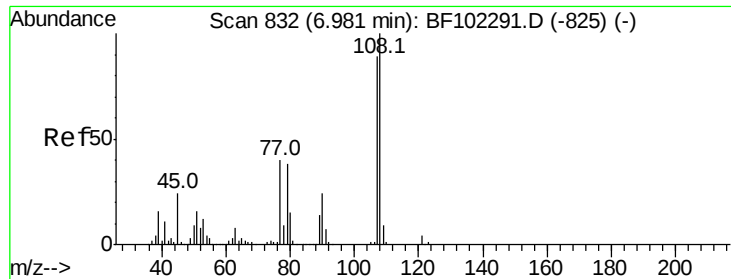
77 40.4 0.0 32.9#

79 33.5 0.0 29.6#



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

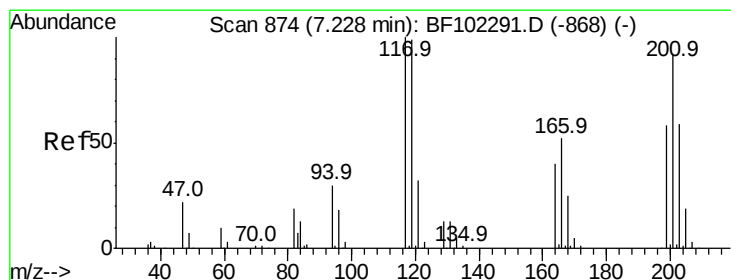
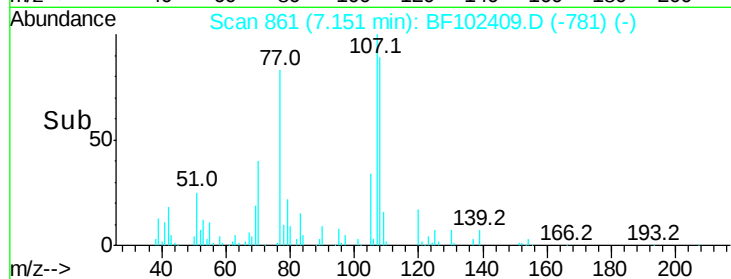
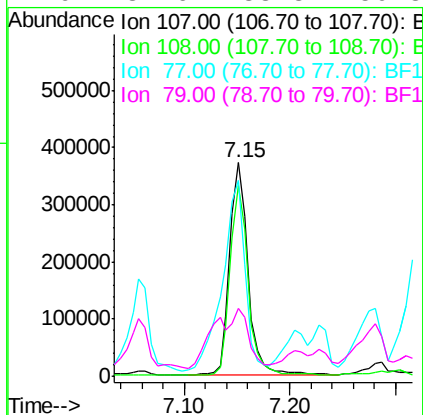
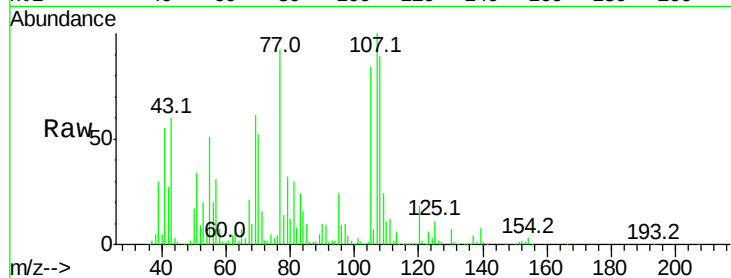




#17
2-Methylphenol
Concen: 26.302 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.17 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

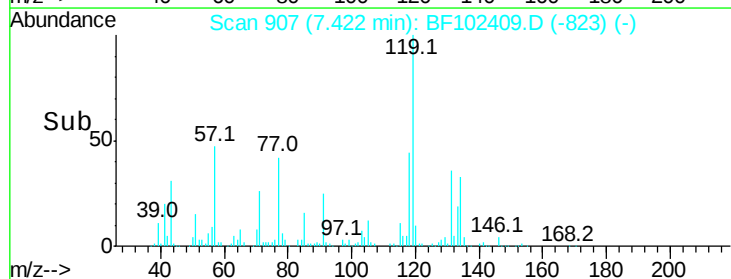
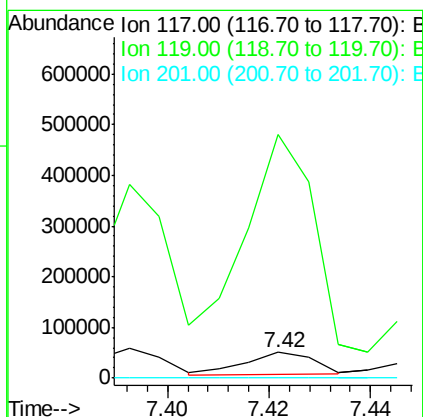
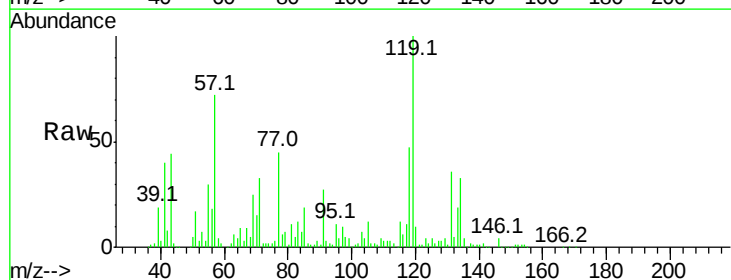
Instrument :
BNA_F
ClientSampleId :

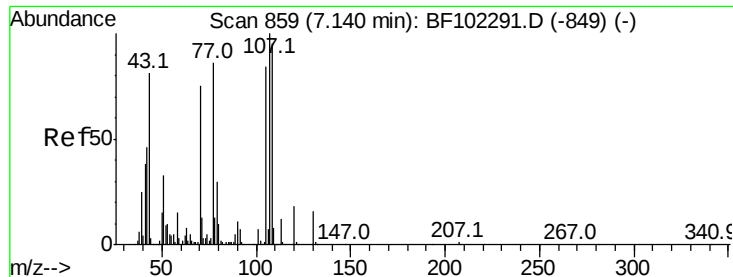
Tot Ion:107 Resp: 444277
Ion Ratio Lower Upper
107 100
108 89.2 91.7 137.5#
77 91.9 33.8 50.8#
79 31.6 33.8 50.8#



#18
Hexachloroethane
Concen: 5.167 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.19 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:117 Resp: 41720
Ion Ratio Lower Upper
117 100
119 948.4 75.8 113.8#
201 0.0 75.7 113.5#

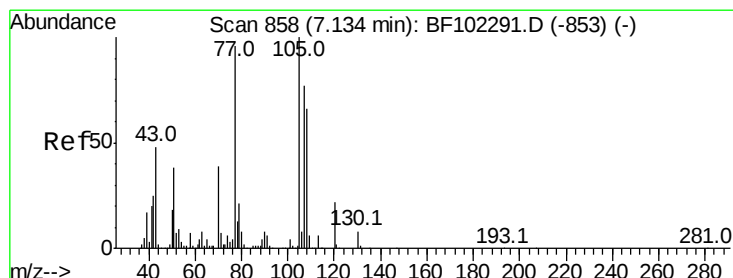
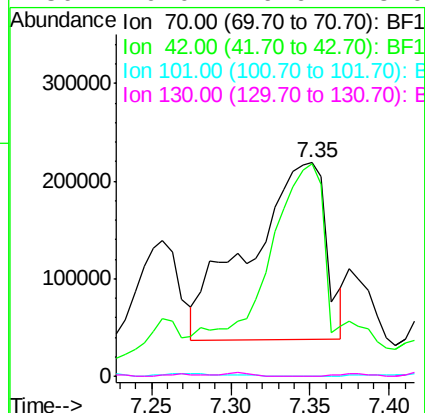
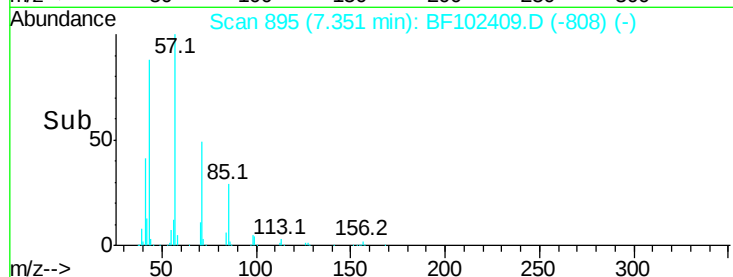
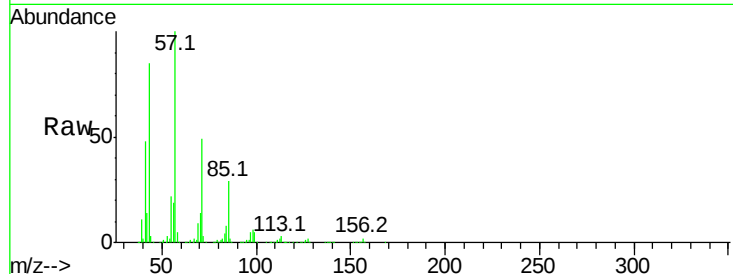




#19
n-Nitroso-di-n-propylamine
Concen: 44.434 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.21 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

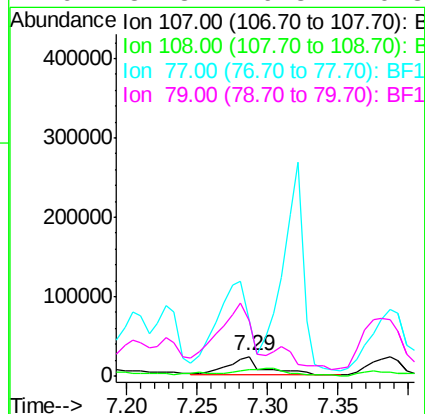
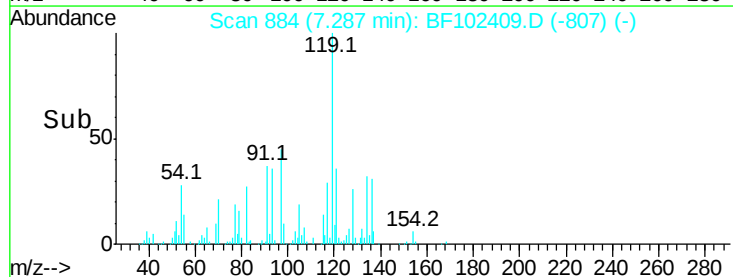
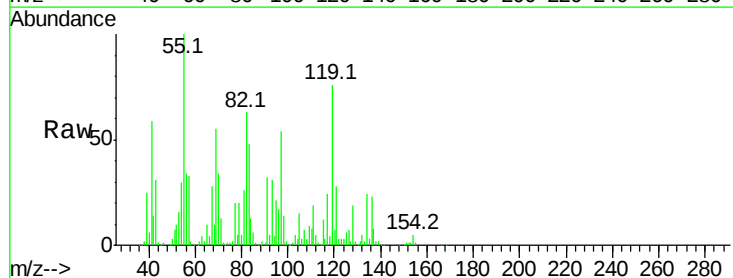
Instrument :
BNA_F
ClientSampleId :

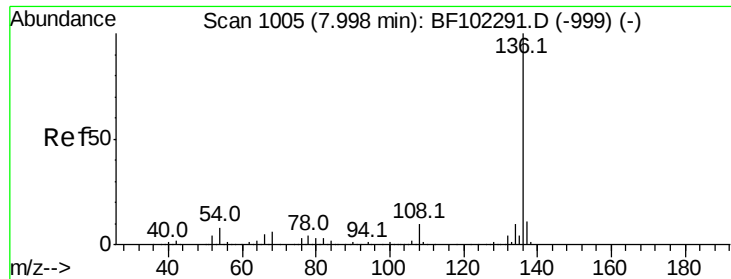
Tot Ion: 70 Resp: 608255
Ion Ratio Lower Upper
70 100
42 99.6 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 2.184 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion: 107 Resp: 43382
Ion Ratio Lower Upper
107 100
108 35.9 68.2 108.2#
77 279.5 26.7 66.7#
79 284.3 6.3 46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. 0.36 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 20508

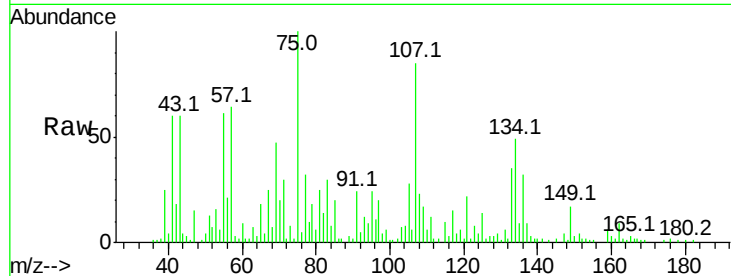
Ion Ratio Lower Upper

136 100

137 28.5 8.9 13.3#

54 18.5 6.6 9.8#

68 22.8 5.0 7.4#

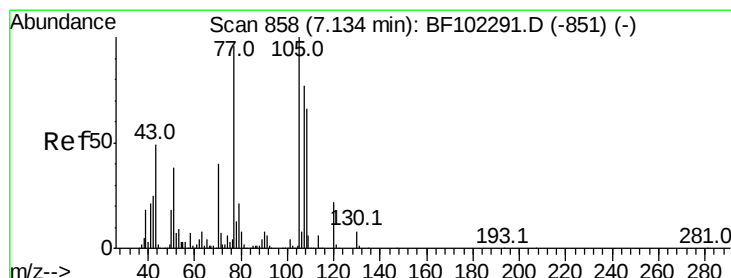
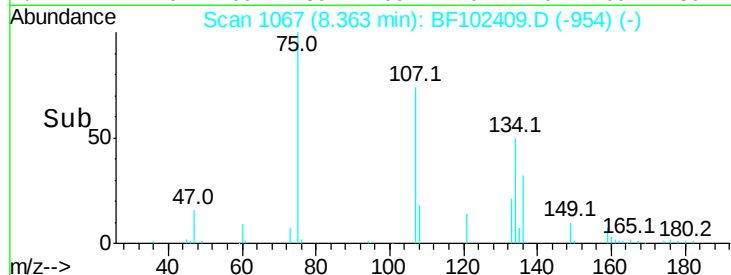
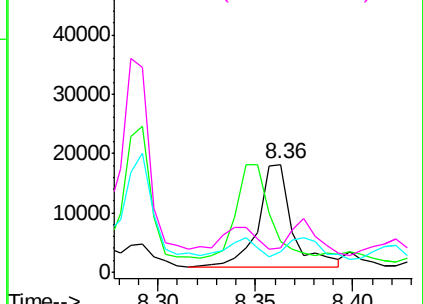


Abundance Ion 136.00 (135.70 to 136.70): E

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: 657.536 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.31 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:105 Resp: 321454

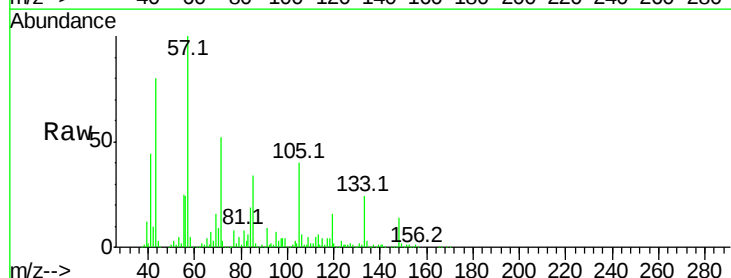
Ion Ratio Lower Upper

105 100

71 132.6 4.4 6.6#

51 8.6 22.3 33.5#

120 4.3 16.9 25.3#

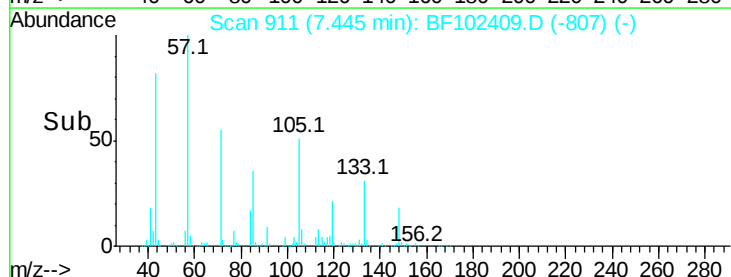
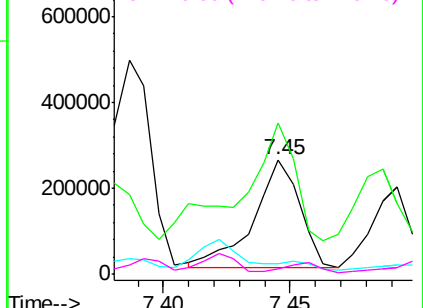


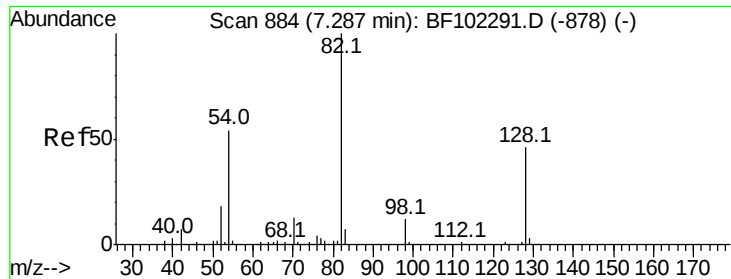
Abundance Ion 105.00 (104.70 to 105.70): E

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

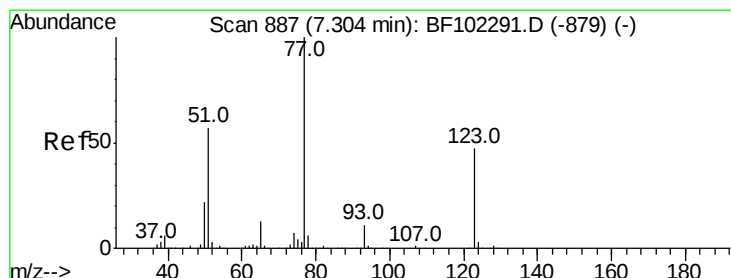
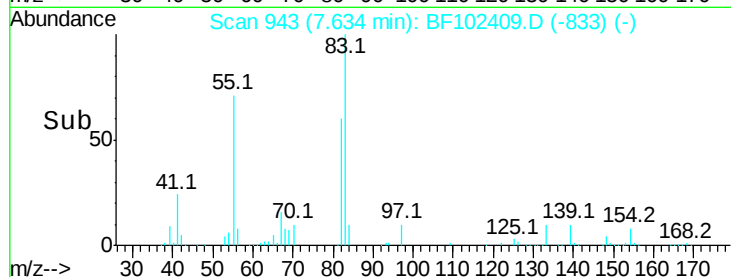
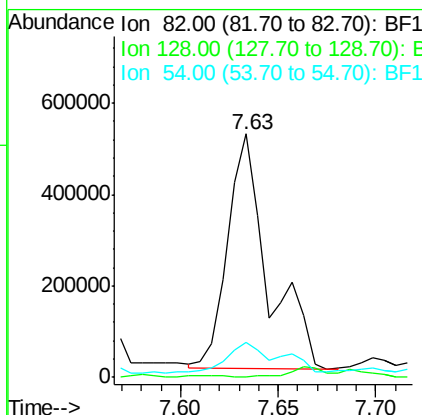
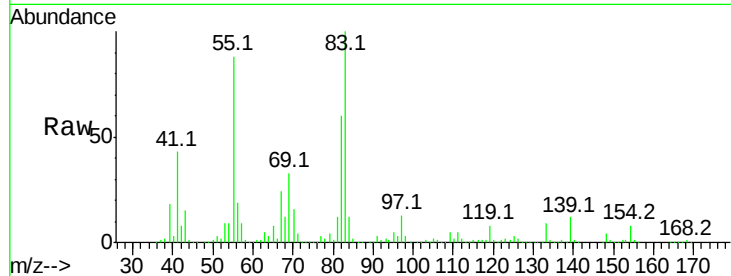




#23
 Nitrobenzene-d5
 Concen: 2069.475 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.35 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

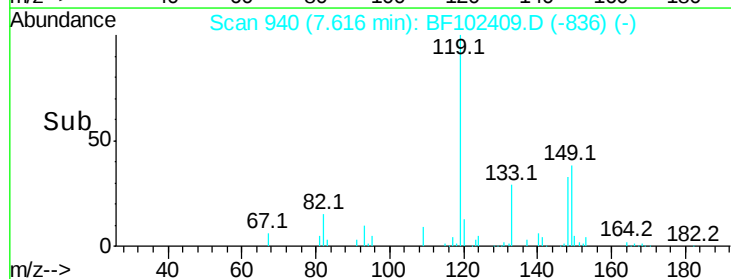
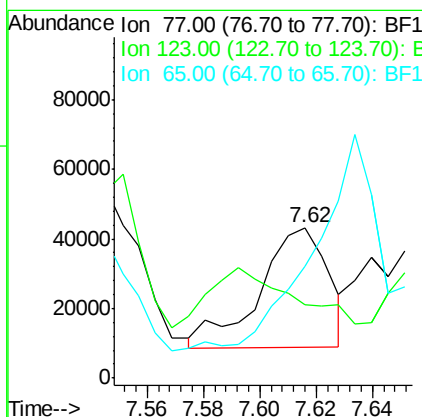
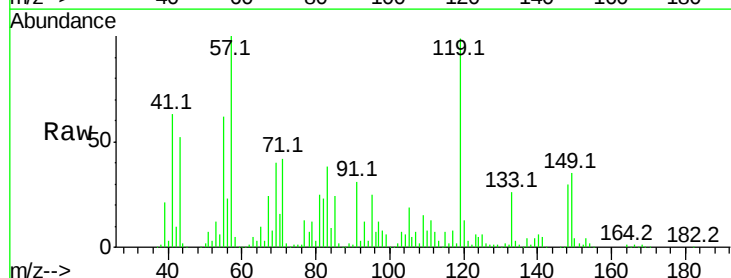
Instrument :
 BNA_F
 ClientSampleId :

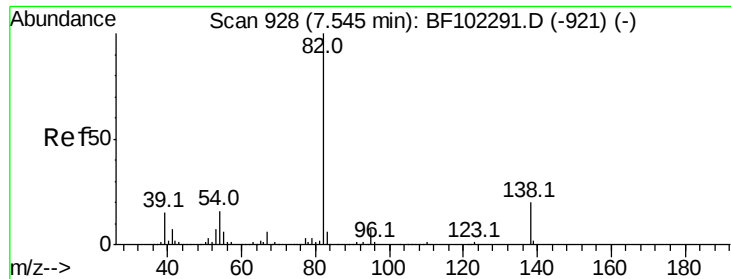
Tot Ion: 82 Resp: 738526
 Ion Ratio Lower Upper
 82 100
 128 0.4 36.1 54.1#
 54 14.3 41.4 62.2#



#24
 Nitrobenzene
 Concen: 160.978 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.31 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion: 77 Resp: 58790
 Ion Ratio Lower Upper
 77 100
 123 48.4 37.9 56.9
 65 74.2 11.0 16.4#

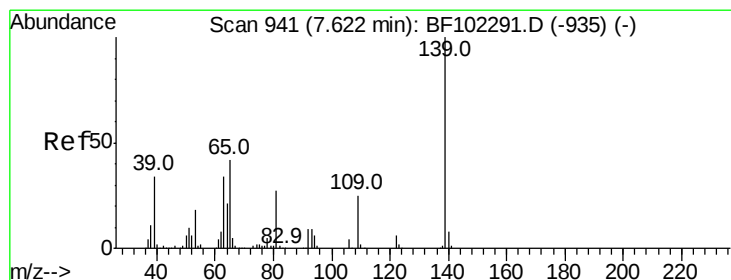
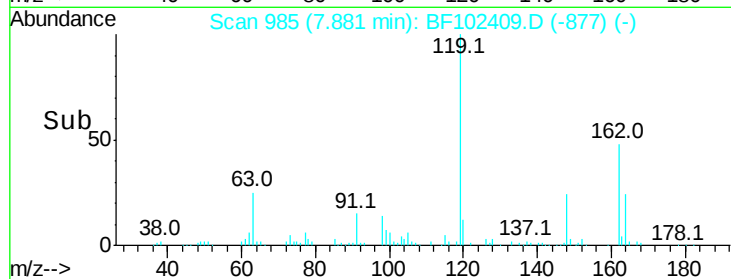
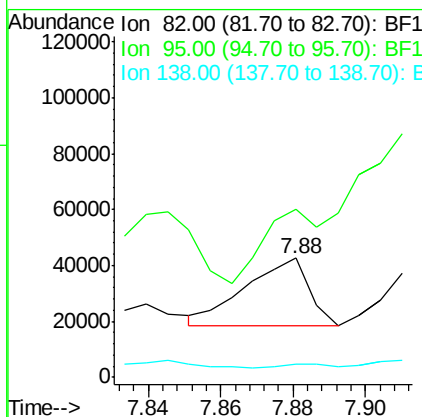
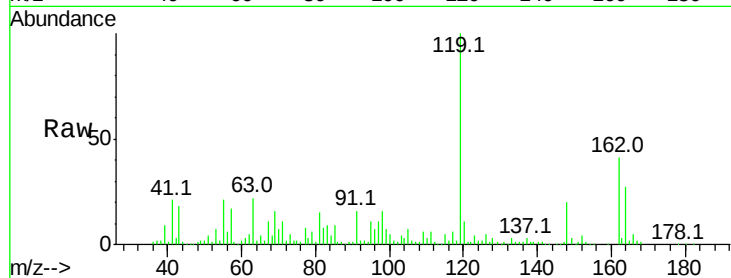




#25
Isophorone
Concen: 46.389 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.34 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

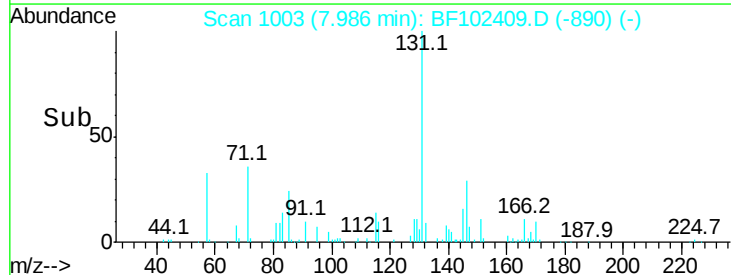
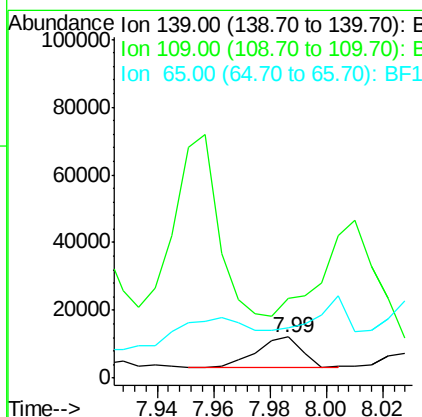
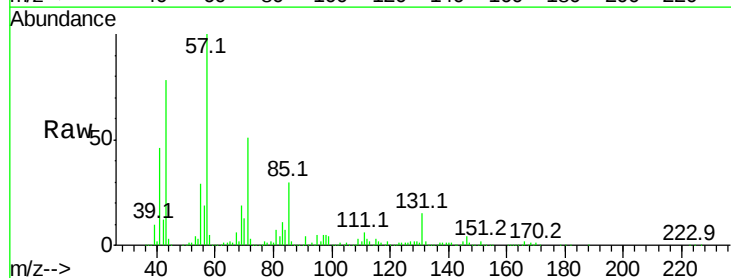
Instrument :
BNA_F
ClientSampled :

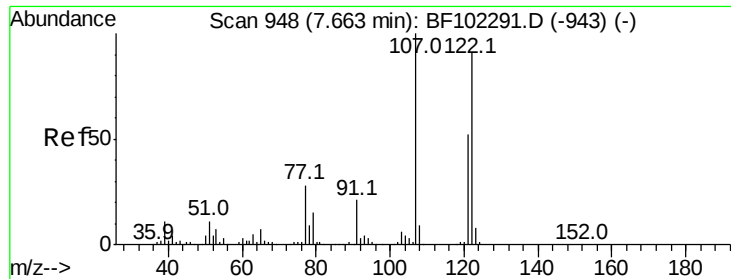
Tot Ion: 82 Resp: 29513
Ion Ratio Lower Upper
82 100
95 141.4 5.2 7.8#
138 11.3 14.9 22.3#



#26
2-Nitrophenol
Concen: 51.963 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.36 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:139 Resp: 9988
Ion Ratio Lower Upper
139 100
109 193.2 22.7 34.1#
65 121.0 40.5 60.7#

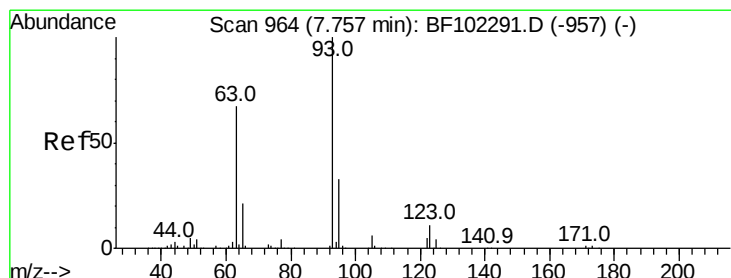
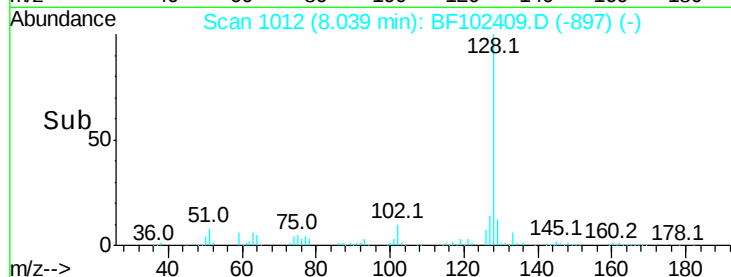
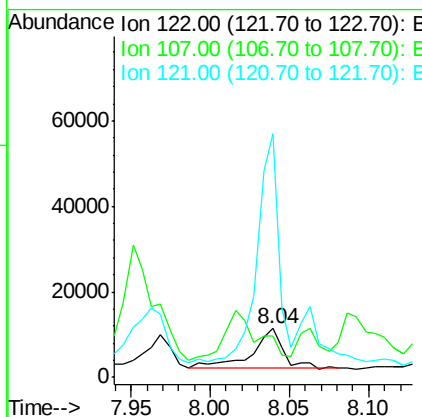
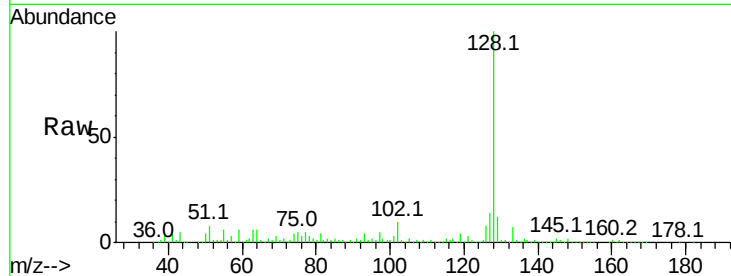




#27
 2,4-Dimethylphenol
 Concen: 44.586 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.38 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

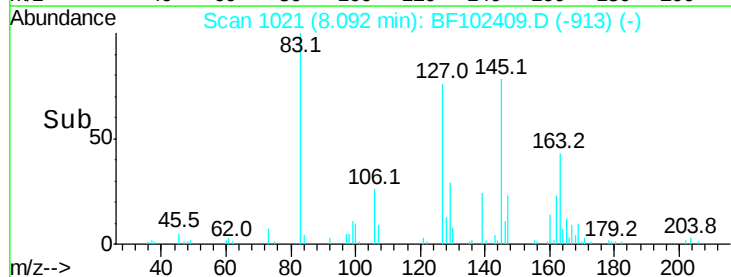
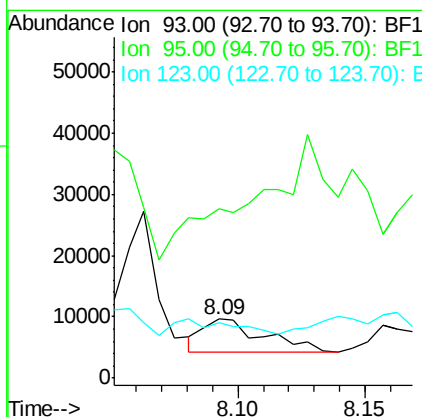
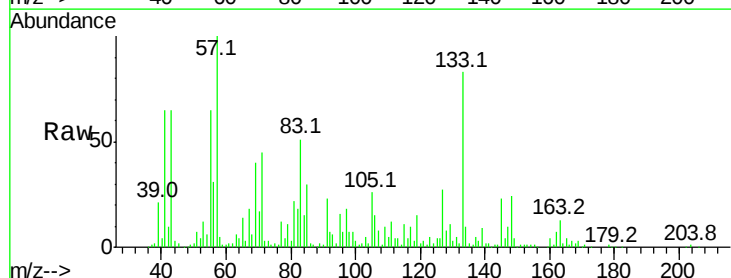
Instrument :
 BNA_F
 ClientSampleId :

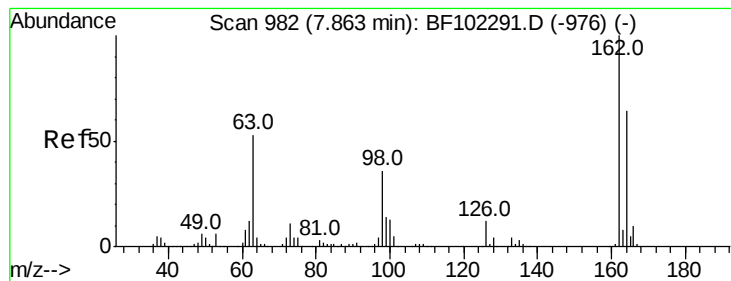
Tot Ion:122 Resp: 12444
 Ion Ratio Lower Upper
 122 100
 107 84.0 91.2 136.8#
 121 497.4 47.2 70.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.150 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.34 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion: 93 Resp: 8705
 Ion Ratio Lower Upper
 93 100
 95 288.8 26.3 39.5#
 123 95.0 9.8 14.6#





#29

2,4-Dichlorophenol

Concen: 94.907 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.39 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

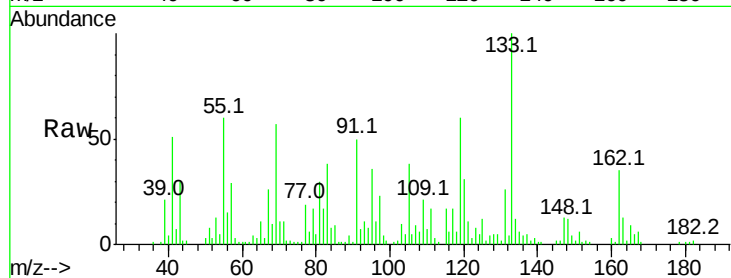
Tot Ion:162 Resp: 26982

Ion Ratio Lower Upper

162 100

164 6.6 42.7 82.7#

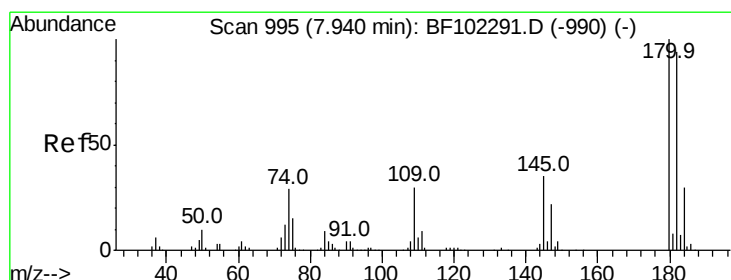
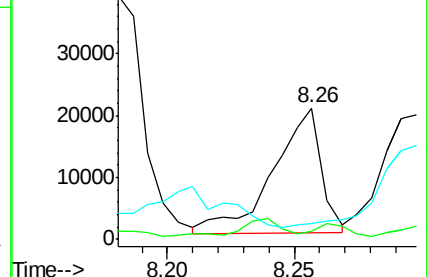
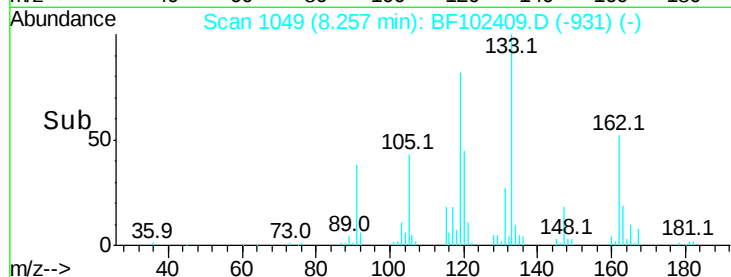
98 11.9 18.1 58.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 6.320 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.38 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

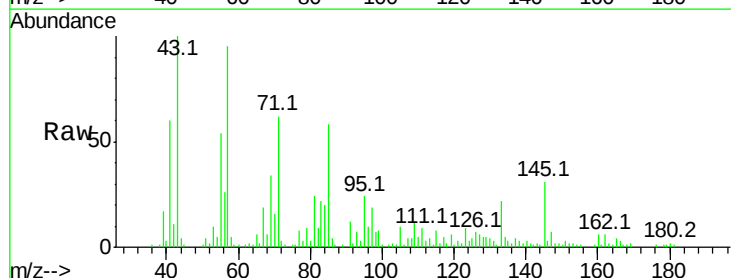
Tgt Ion:180 Resp: 1926

Ion Ratio Lower Upper

180 100

182 0.0 76.8 115.2#

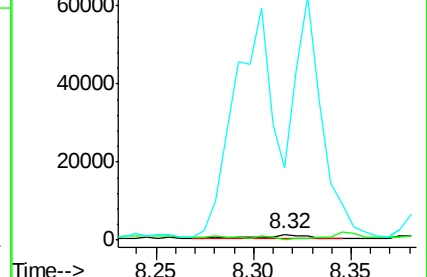
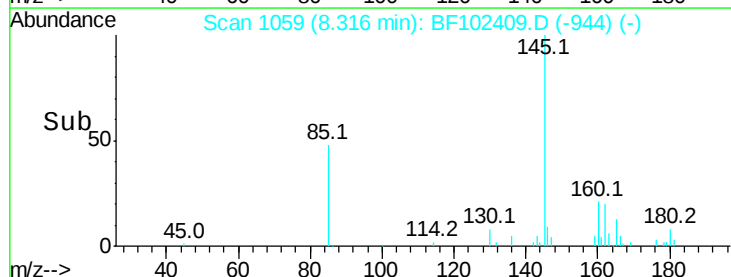
145 1273.9 26.5 39.7#

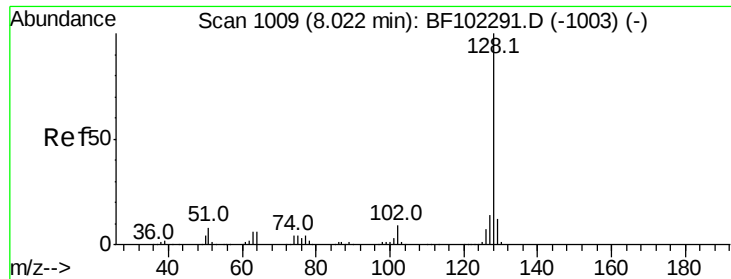


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

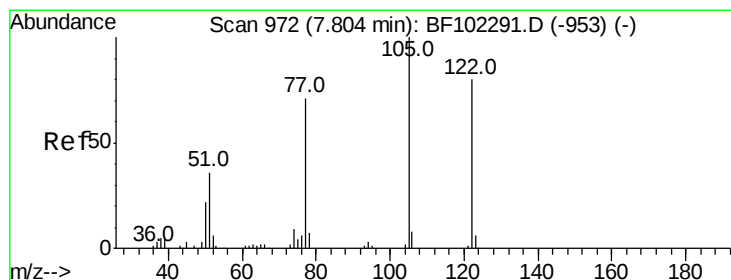
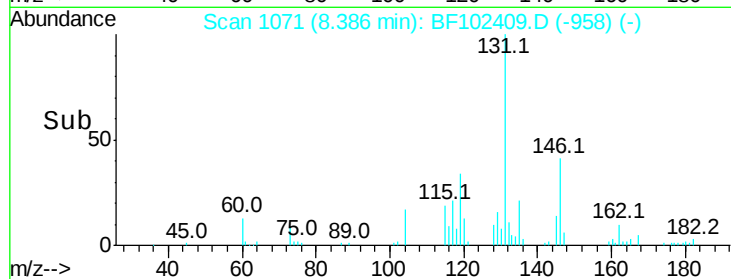
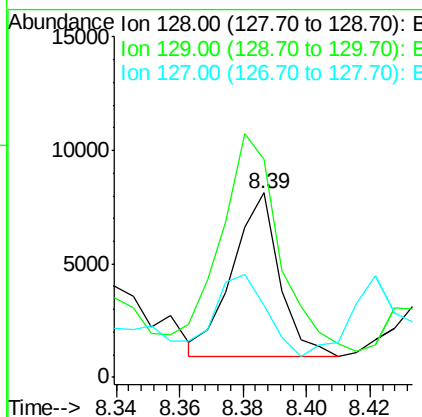
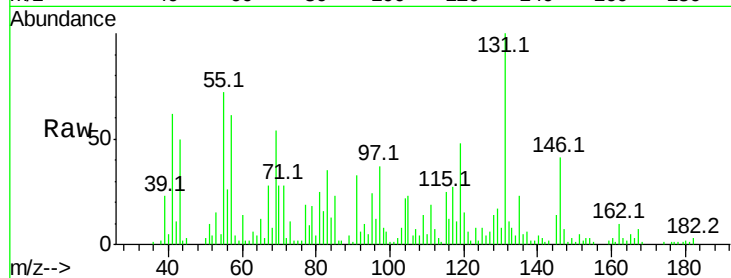




#31
Naphthalene
Concen: 7.175 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.36 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

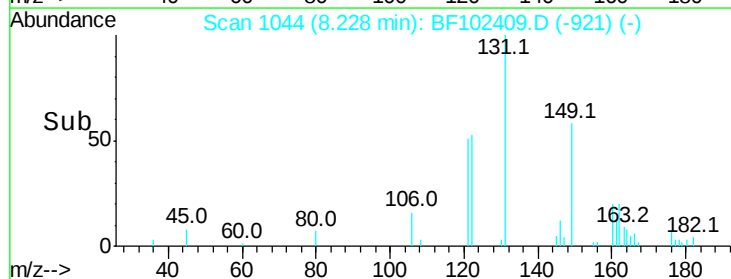
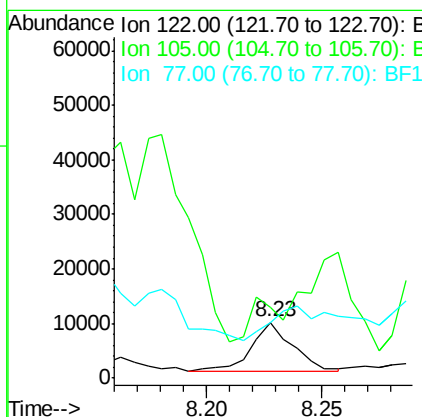
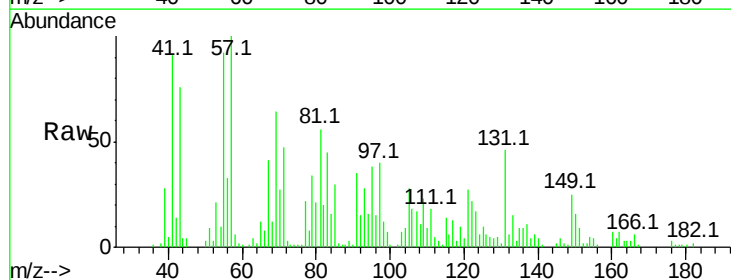
Instrument :
BNA_F
ClientSampled :

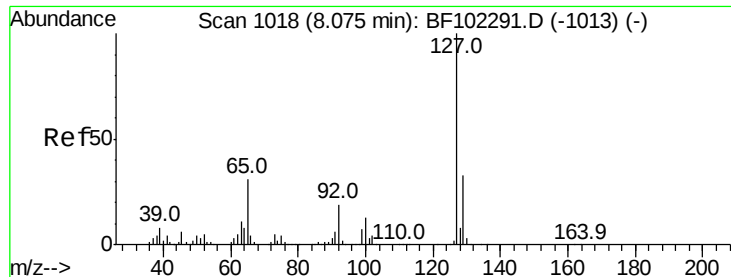
Tot Ion:128 Resp: 7347
Ion Ratio Lower Upper
128 100
129 118.0 8.8 13.2#
127 39.0 10.9 16.3#



#32
Benzoic acid
Concen: 48.649 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.42 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:122 Resp: 11376
Ion Ratio Lower Upper
122 100
105 126.3 101.1 141.1
77 98.5 70.7 110.7

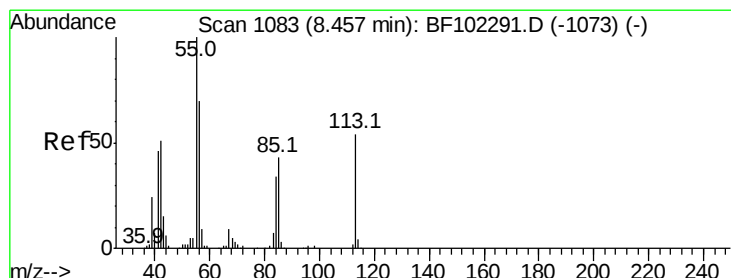
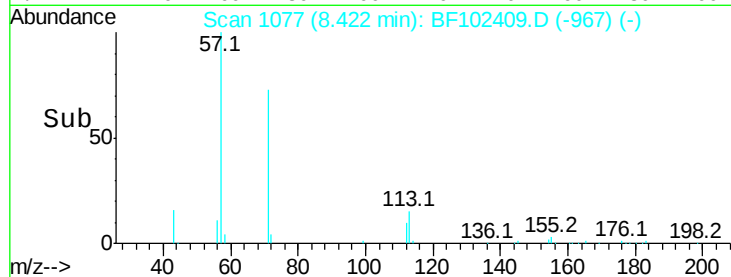
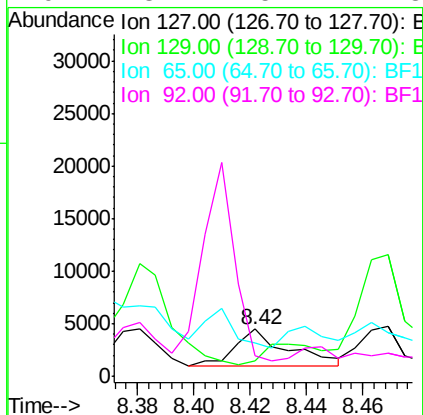
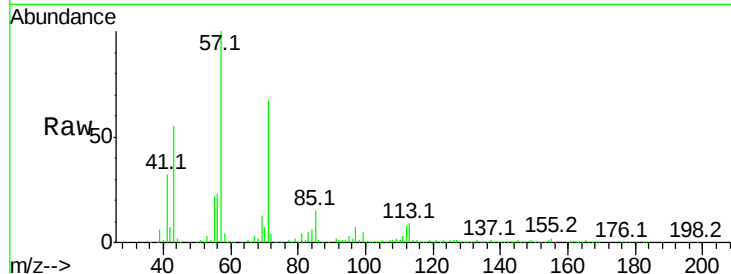




#33
4-Chloroaniline
Concen: 11.136 ng
RT: 8.42 min Scan# 1077
Delta R.T. 0.35 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

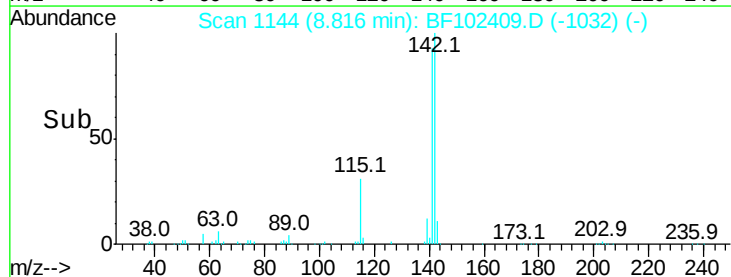
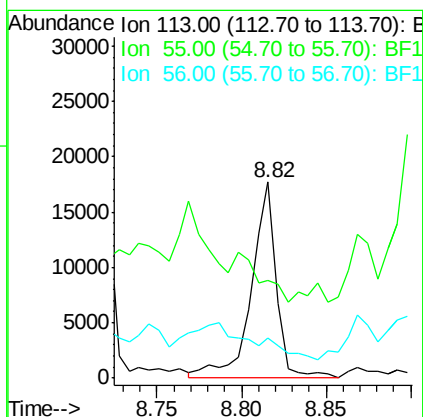
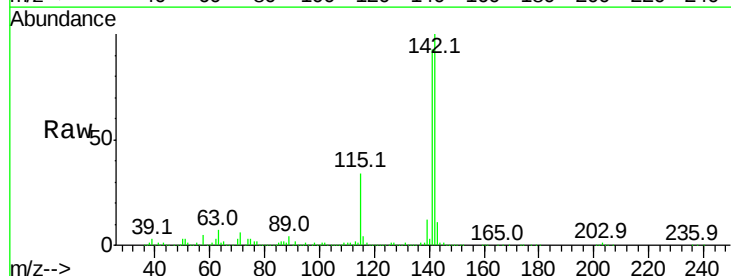
Instrument :
BNA_F
ClientSampleId :

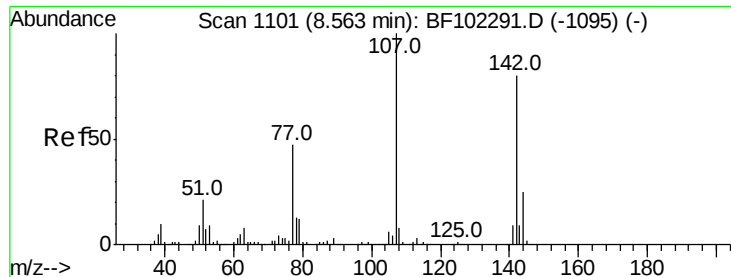
Tot Ion:	127	Resp:	4795
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	71.7	25.0	37.4#
92	43.2	15.2	22.8#



#35
Caprolactam
Concen: 196.999 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.36 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:	113	Resp:	18497
Ion	Ratio	Lower	Upper
113	100		
55	49.9	163.3	203.3#
56	20.7	115.7	155.7#

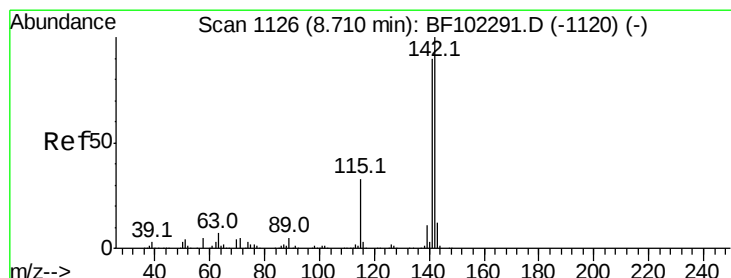
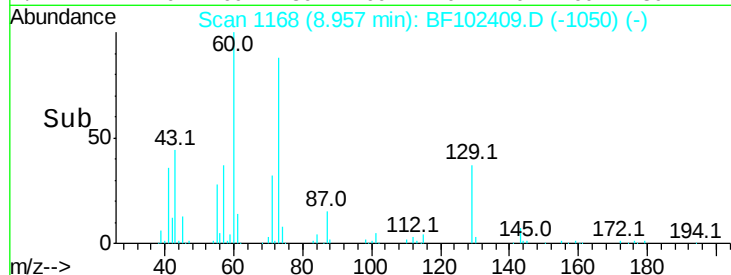
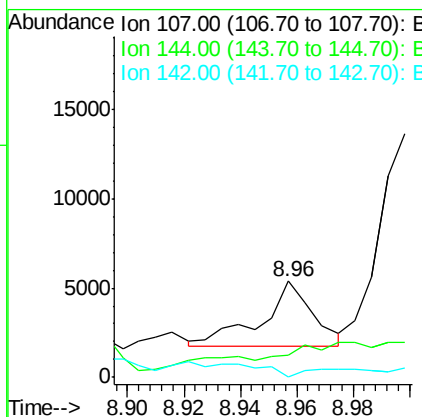
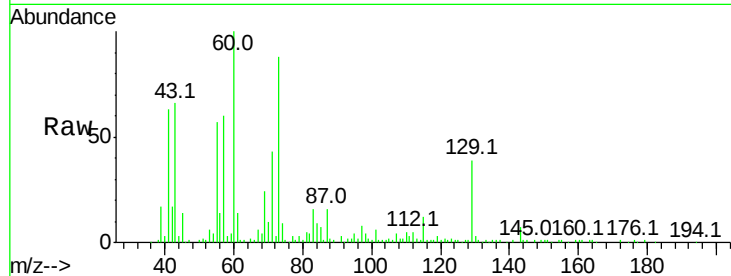




#36
 4-Chloro-3-methylphenol
 Concen: 15.113 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.39 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

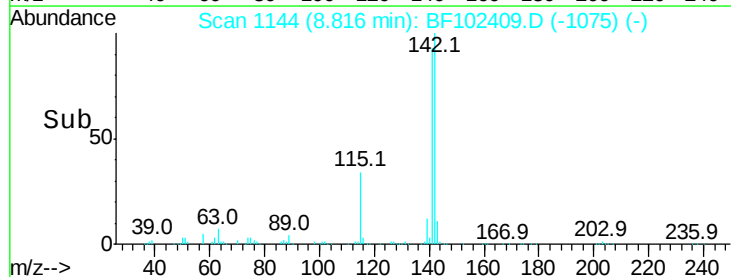
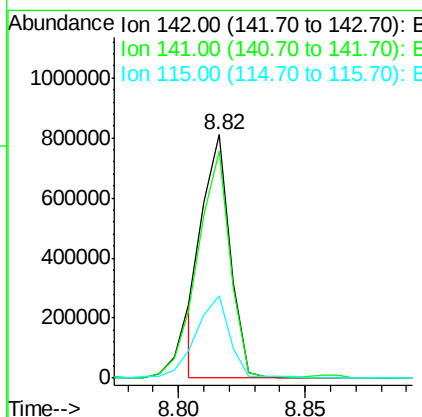
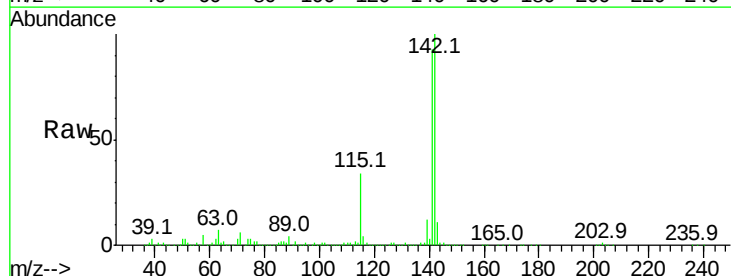
Instrument :
 BNA_F
 ClientSampleId :

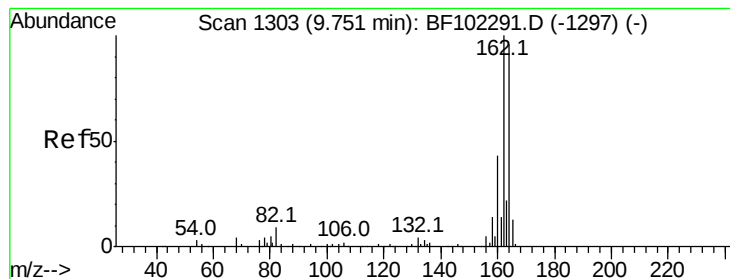
Tot Ion:107 Resp: 4529
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.5 30.7
 142 0.0 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 895.590 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.11 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion:142 Resp: 610713
 Ion Ratio Lower Upper
 142 100
 141 93.4 70.8 106.2
 115 34.0 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.45 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

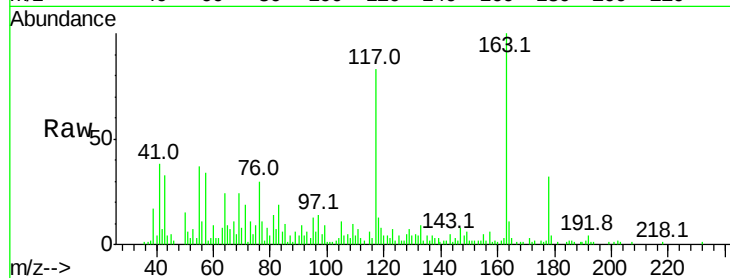
Tot Ion:164 Resp: 3357

Ion Ratio Lower Upper

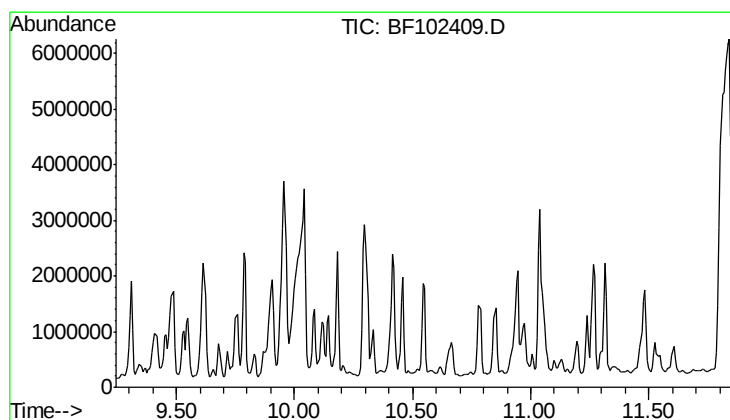
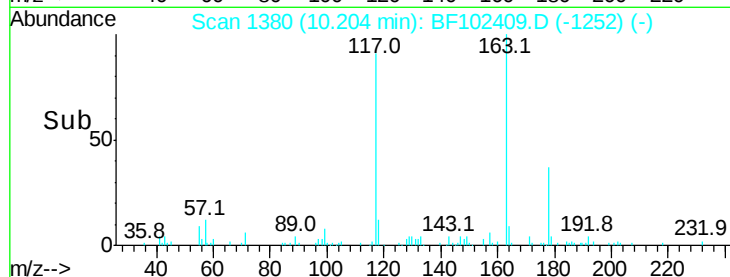
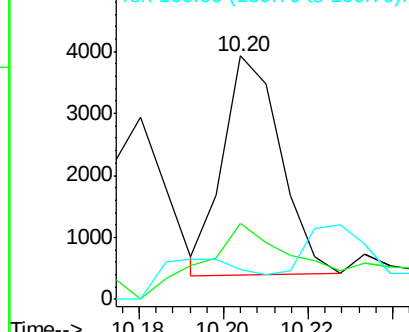
164 100

162 31.0 86.1 129.1#

160 12.2 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: BF102409.D

Acq: 25 Jan 2018 00:08

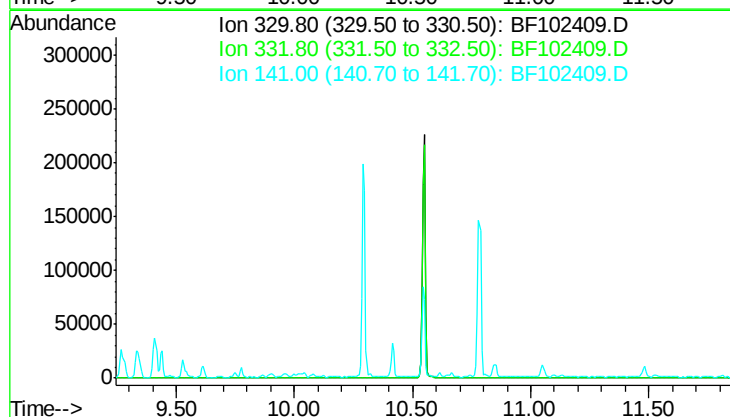
Tgt Ion: 330

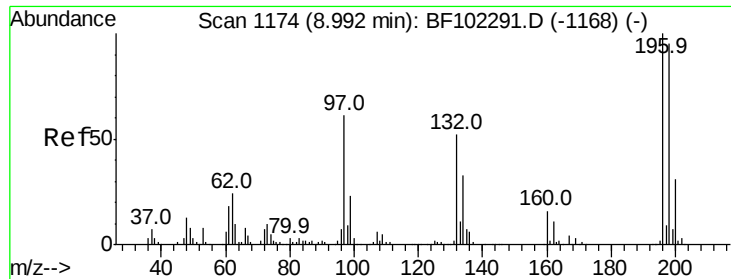
Sig Exp Ratio

330 100

332 96.3

141 37.4





#42

2,4,6-Trichlorophenol

Concen: 4.718 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.42 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

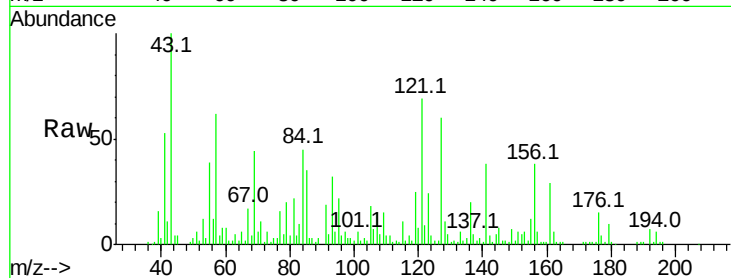
Tot Ion:196 Resp: 319

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

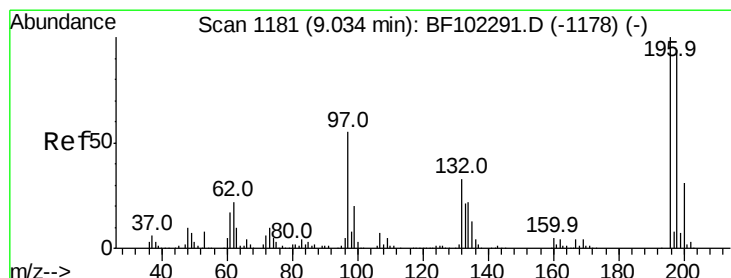
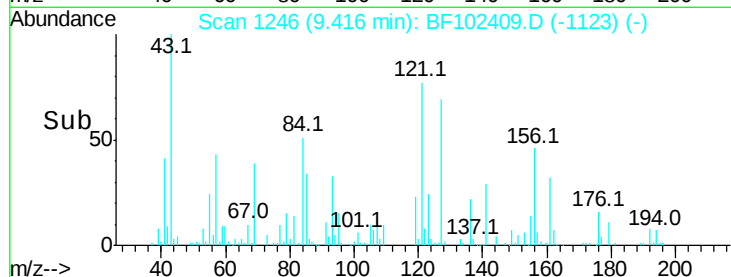
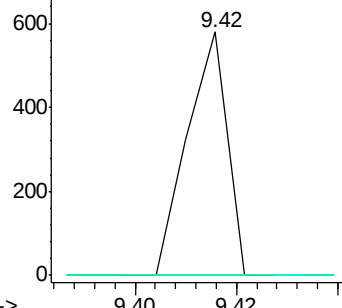
200 0.0 24.5 36.7#



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: 28.611 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.43 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:196 Resp: 2178

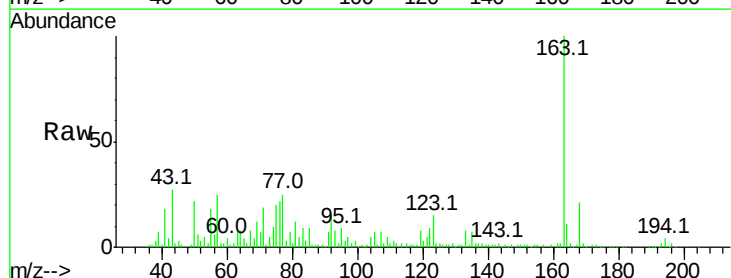
Ion Ratio Lower Upper

196 100

198 0.0 74.6 112.0#

97 259.0 42.9 64.3#

132 46.1 26.3 39.5#

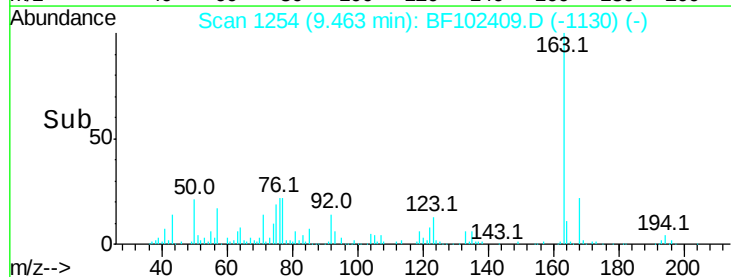
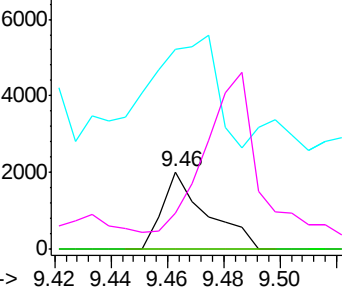


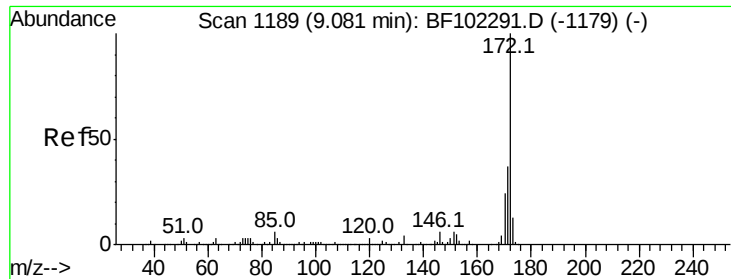
Abundance Ion 196.00 (195.70 to 196.70): E

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

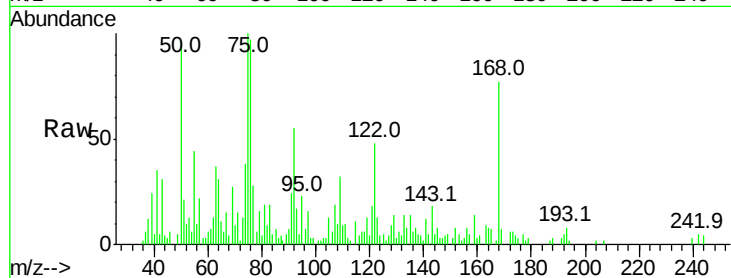




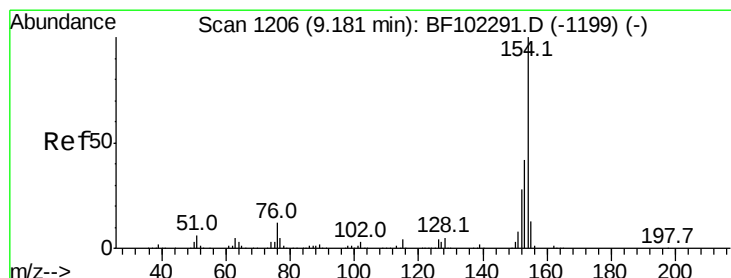
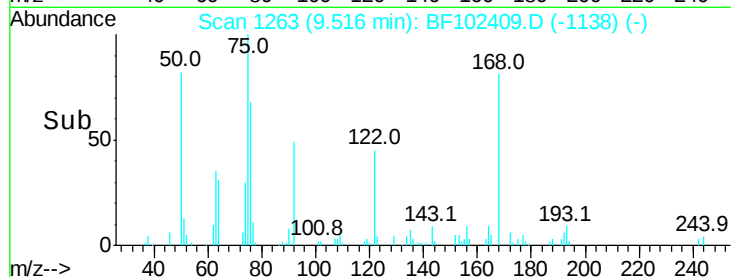
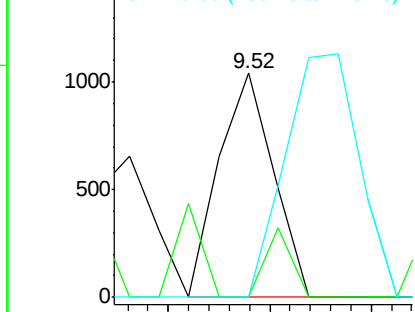
#44
2-Fluorobiphenyl
Concen: 3.412 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.44 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 779
Ion Ratio Lower Upper
172 100
171 0.0 29.7 44.5#
170 0.0 19.6 29.4#

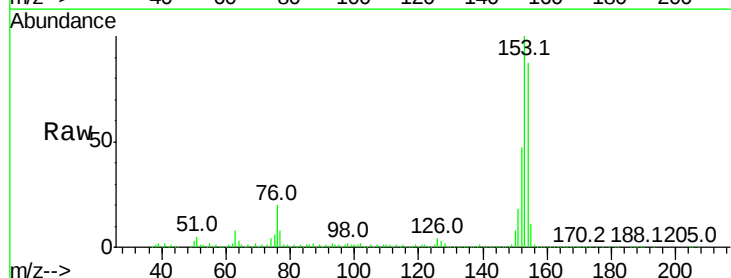


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

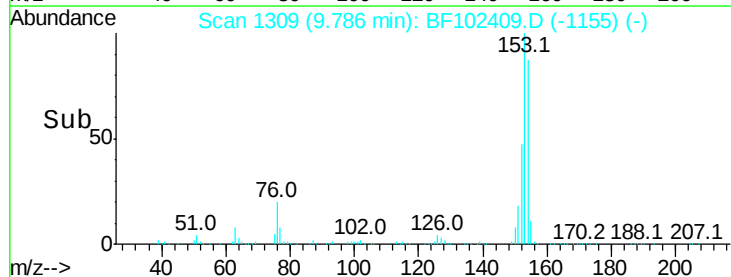
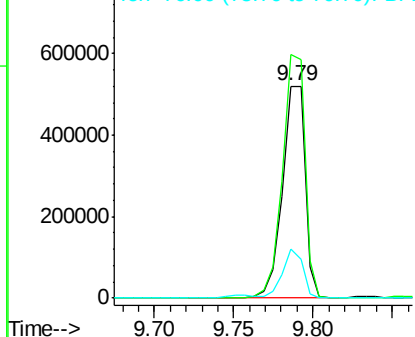


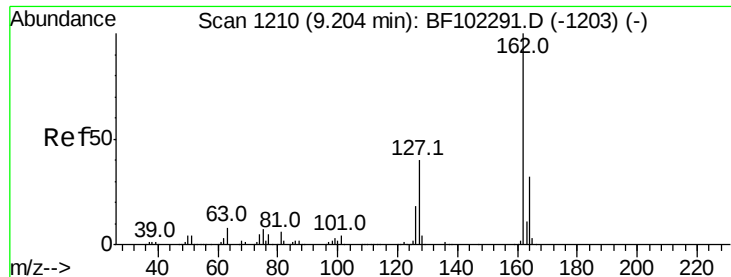
#45
1,1'-Biphenyl
Concen: 1728.898 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.61 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:154 Resp: 518964
Ion Ratio Lower Upper
154 100
153 114.8 21.3 61.3#
76 23.0 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

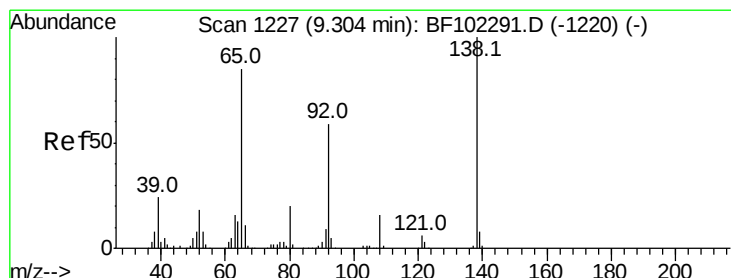
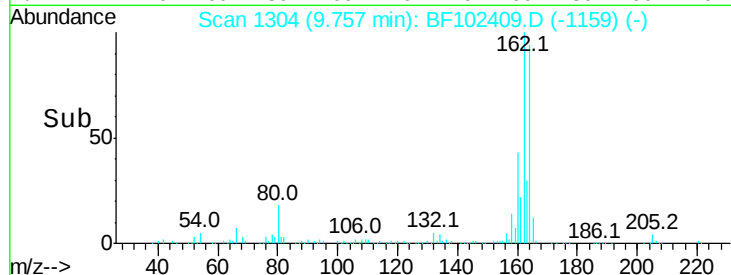
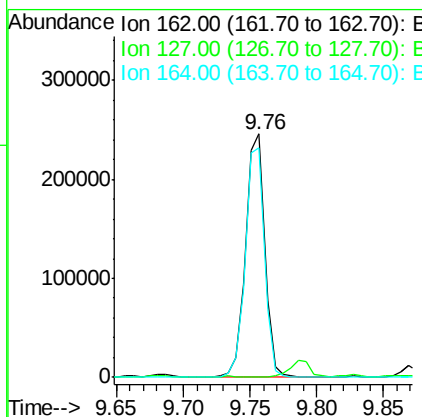
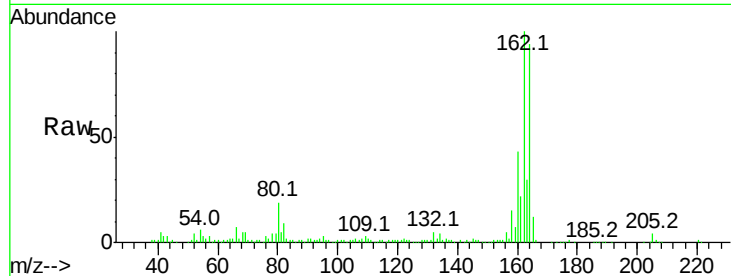




#46
 2-Chloronaphthalene
 Concen: 1048.498 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.55 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

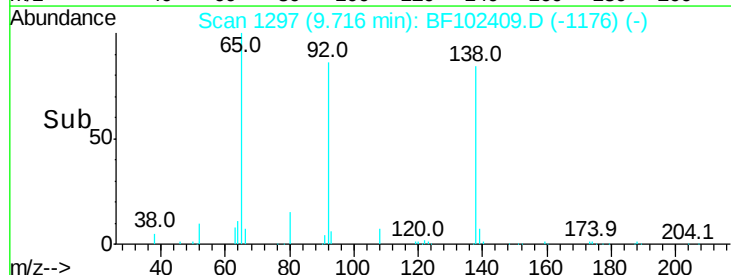
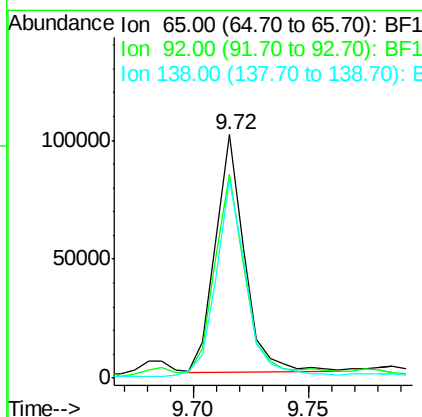
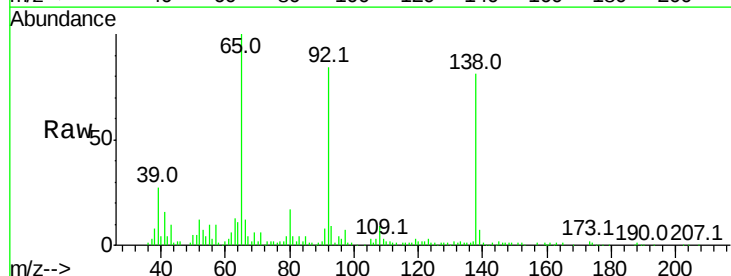
Instrument :
 BNA_F
 ClientSampleId :

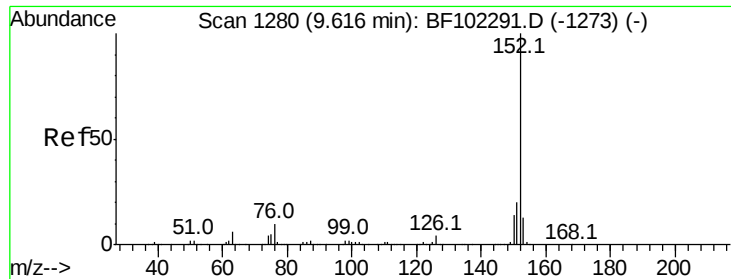
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.4	33.9	50.9#
164	94.1	26.5	39.7#



#47
 2-Nitroaniline
 Concen: 1190.971 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.41 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	83.8	55.8	83.6#
138	81.4	91.2	136.8#





#48

Acenaphthylene

Concen: 758.849 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.17 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

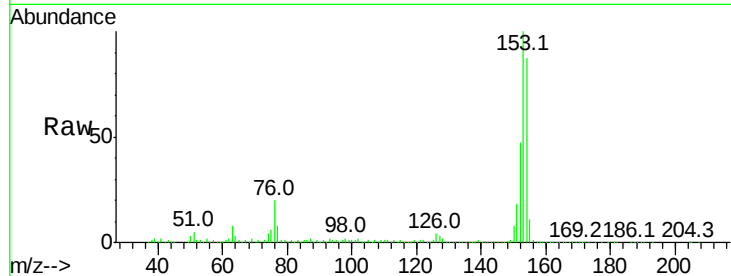
Tot Ion:152 Resp: 275838

Ion Ratio Lower Upper

152 100

151 38.2 16.3 24.5#

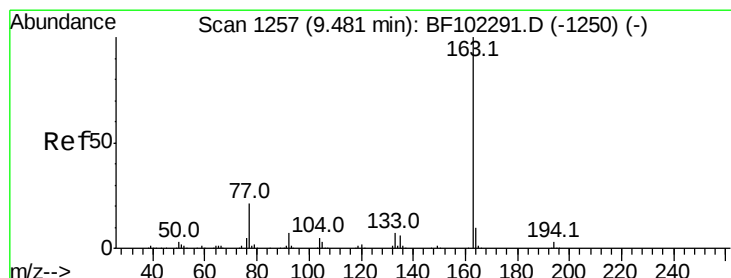
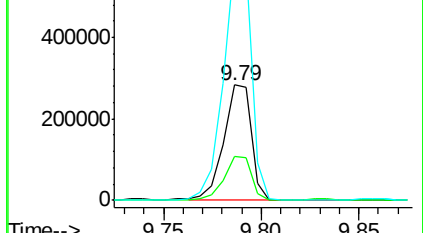
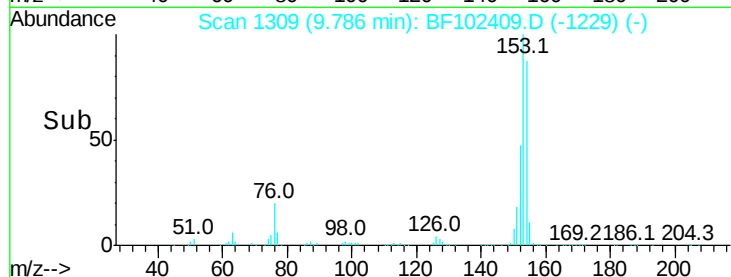
153 210.7 10.7 16.1#



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: 997.434 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.42 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

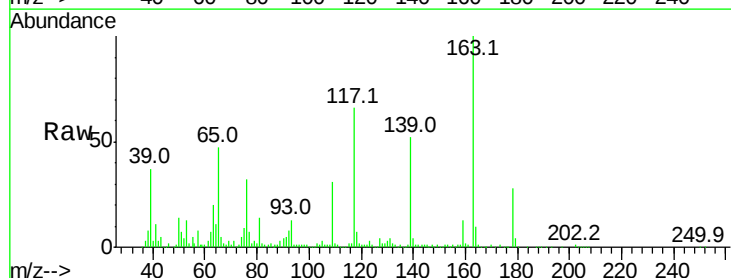
Tgt Ion:163 Resp: 276765

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

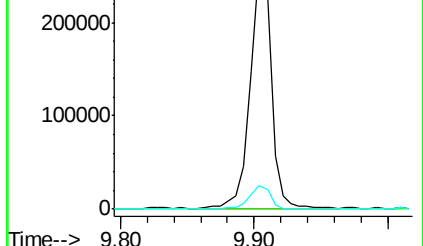
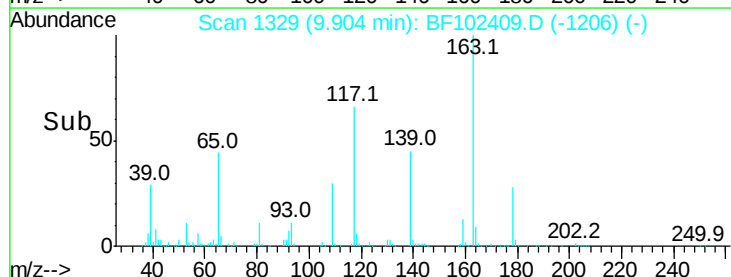
164 9.7 8.2 12.2

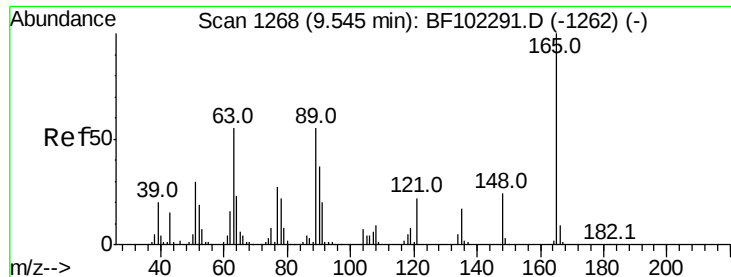


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 2576.545 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.41 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

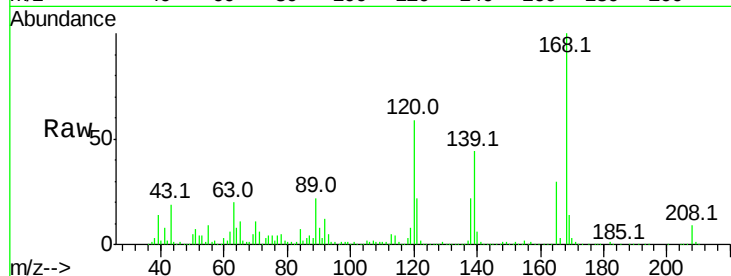
Tot Ion:165 Resp: 154140

Ion Ratio Lower Upper

165 100

63 68.5 44.7 67.1#

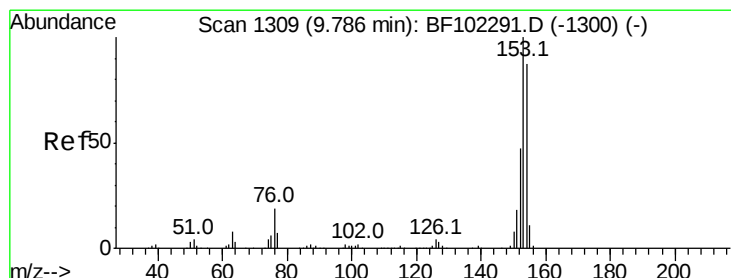
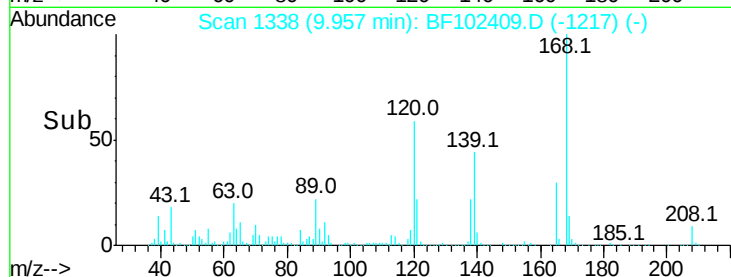
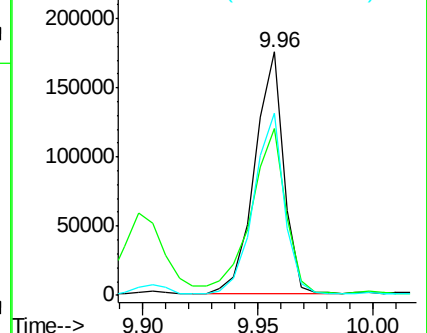
89 75.1 44.0 66.0#



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: 5.021 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.45 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

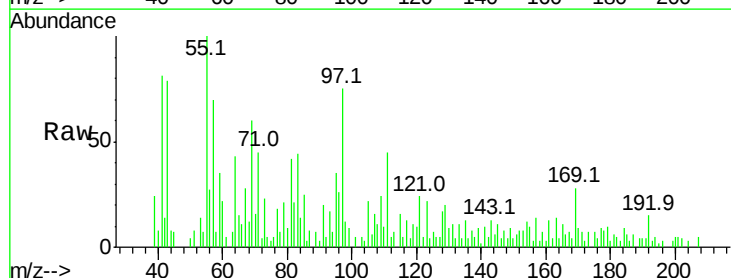
Tgt Ion:154 Resp: 1066

Ion Ratio Lower Upper

154 100

153 68.7 91.2 136.8#

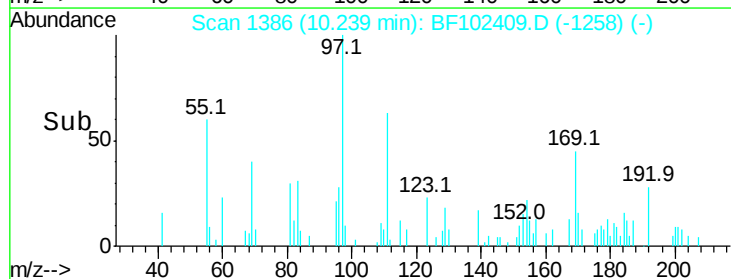
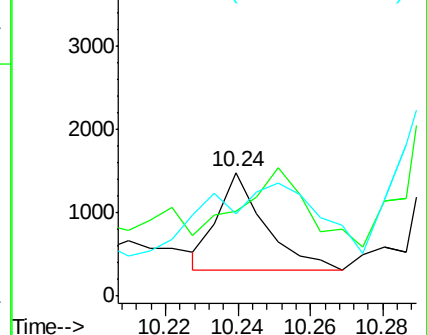
152 66.6 43.8 65.8#

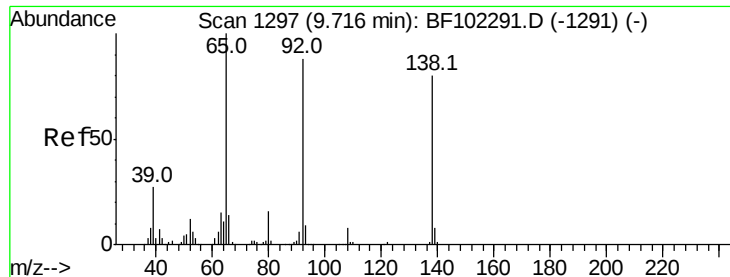


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 1079.173 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.43 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

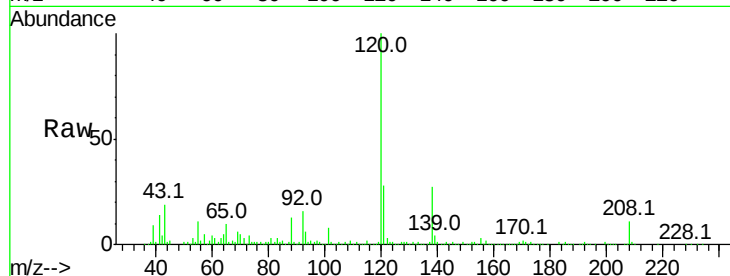
Tot Ion:138 Resp: 76374

Ion Ratio Lower Upper

138 100

108 1.4 9.4 14.0#

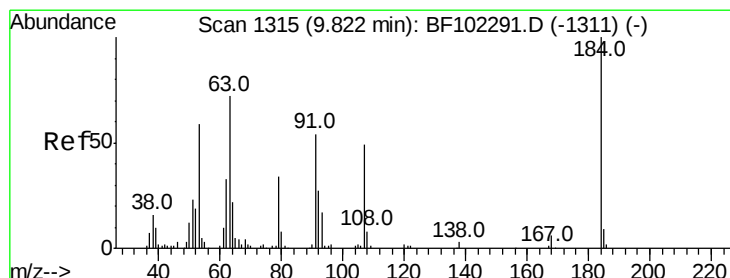
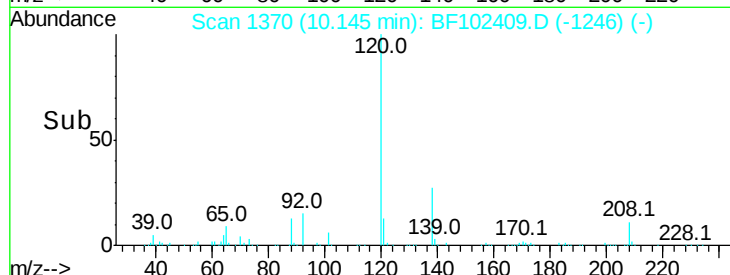
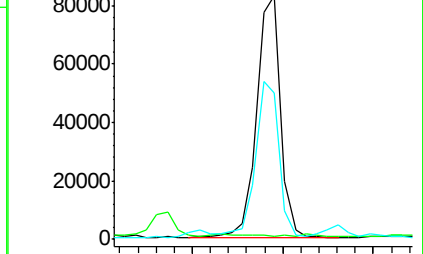
92 60.2 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 122.629 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.48 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

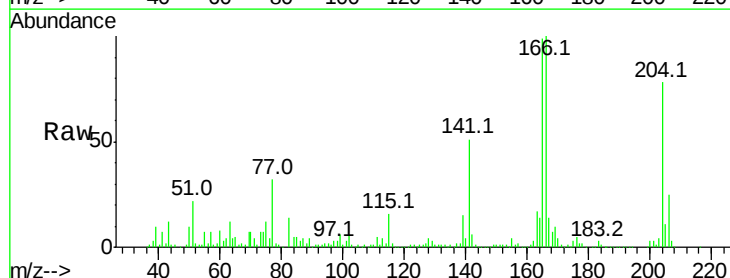
Tgt Ion:184 Resp: 3347

Ion Ratio Lower Upper

184 100

63 2022.7 54.2 81.2#

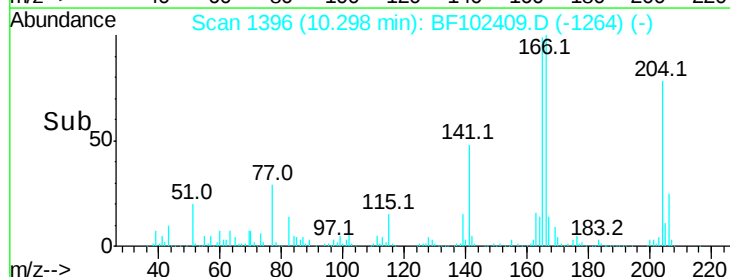
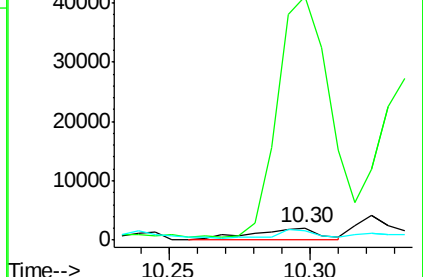
154 78.2 184.0 276.0#

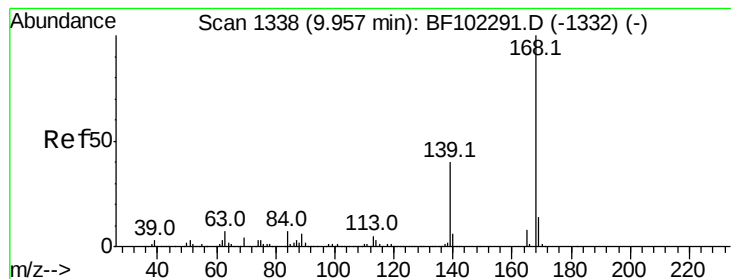


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 1234.326 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.46 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

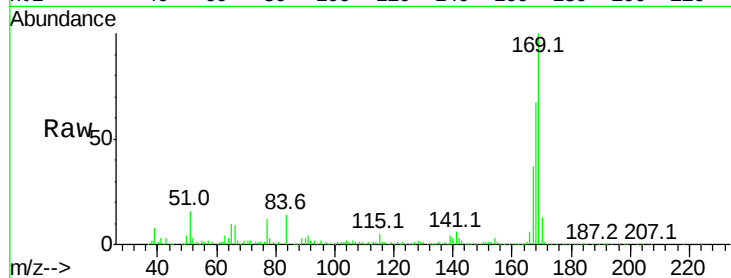
Tot Ion:168 Resp: 354635

Ion Ratio Lower Upper

168 100

139 5.9 30.1 45.1#

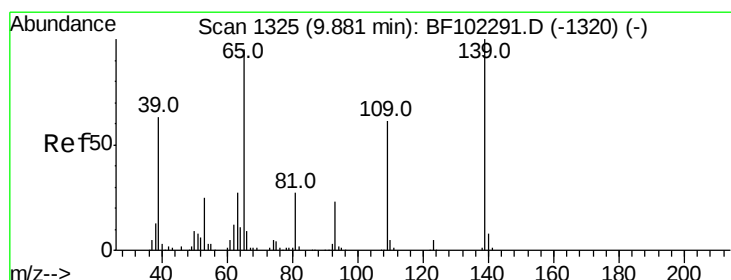
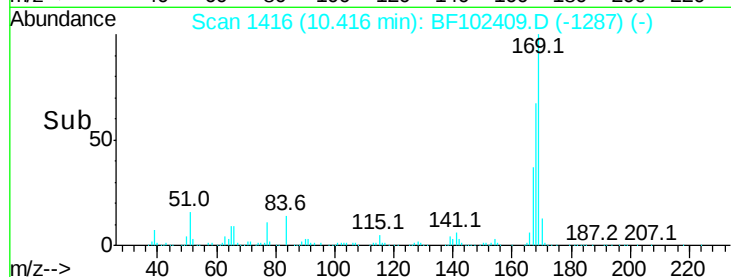
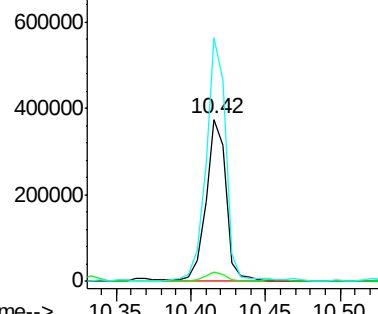
169 150.2 10.9 16.3#



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: 221.316 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.45 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

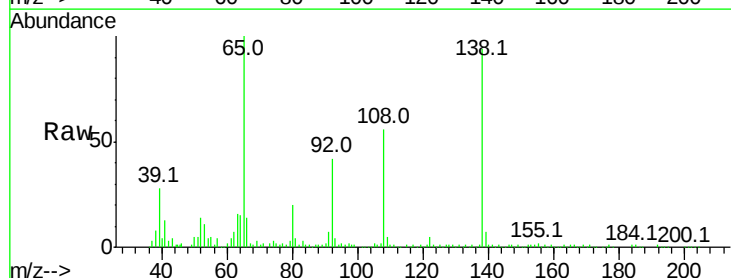
Tgt Ion:139 Resp: 10339

Ion Ratio Lower Upper

139 100

109 70.6 48.4 88.4

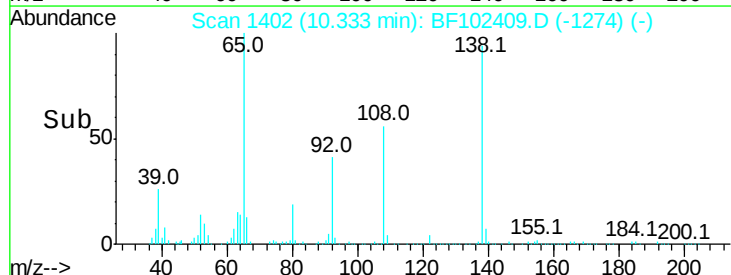
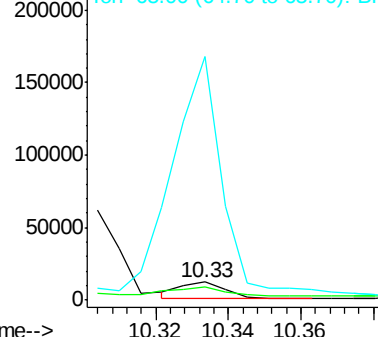
65 1360.5 72.6 112.6#

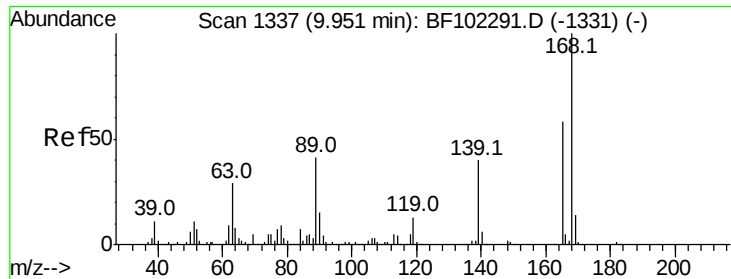


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 7865.968 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.35 min

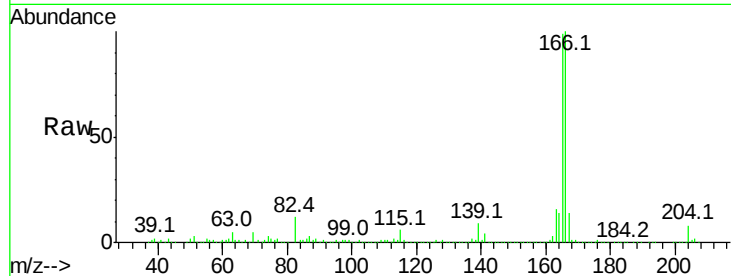
Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :



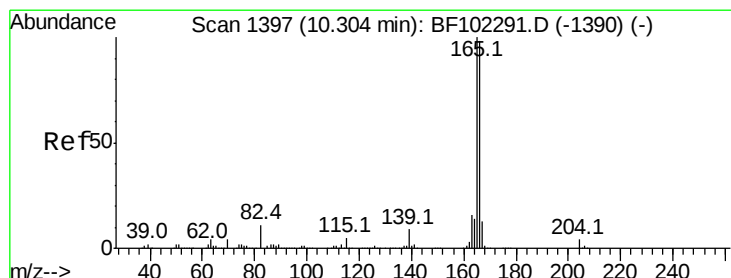
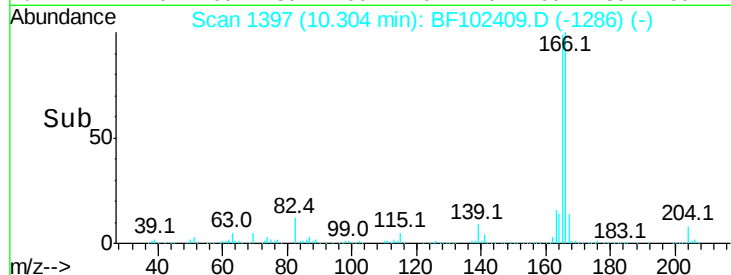
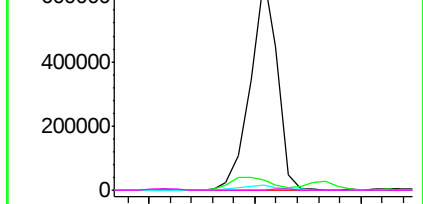
Tot Ion:	165	Resp:	578684
Ion	Ratio	Lower	Upper
165	100		
63	4.9	36.4	54.6#
89	2.4	57.8	86.6#
182	0.1	1.6	2.4#

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

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 3.896 ng

RT: 10.77 min Scan# 1477

Delta R.T. 0.47 min

Lab File: BF102409.D

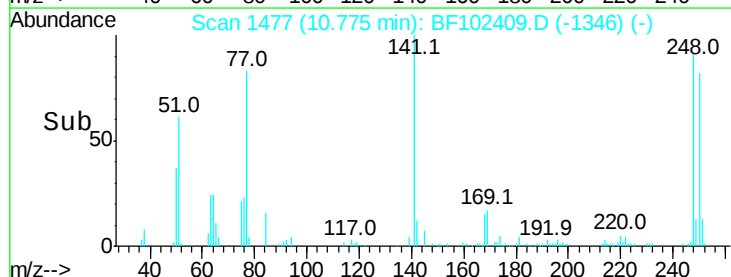
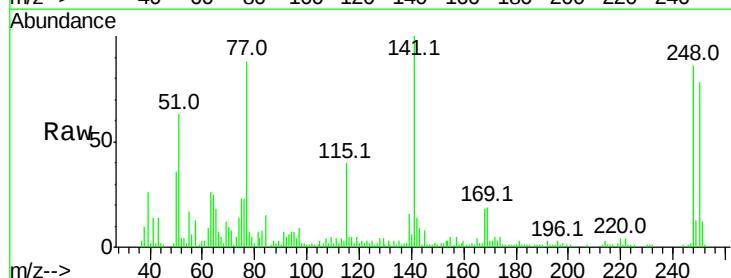
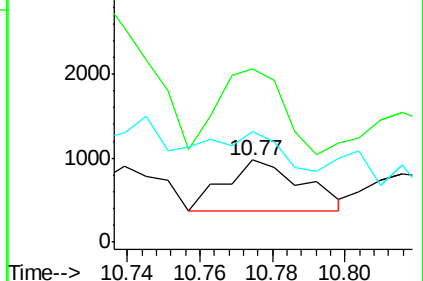
Acq: 25 Jan 2018 00:08

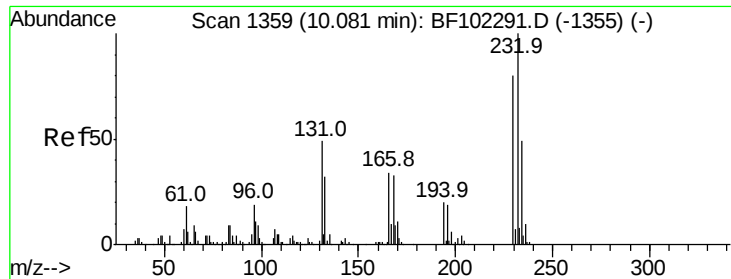
Tgt Ion:	166	Resp:	887
Ion	Ratio	Lower	Upper
166	100		
165	210.8	79.8	119.8#
167	134.8	10.6	16.0#

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

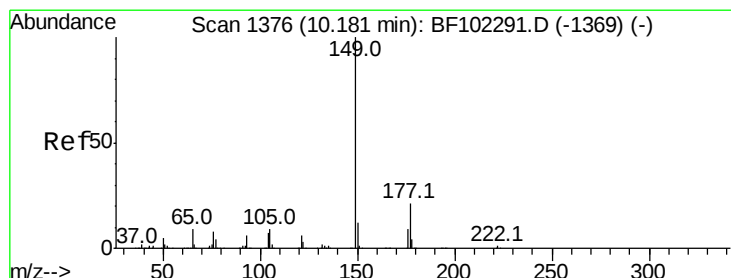
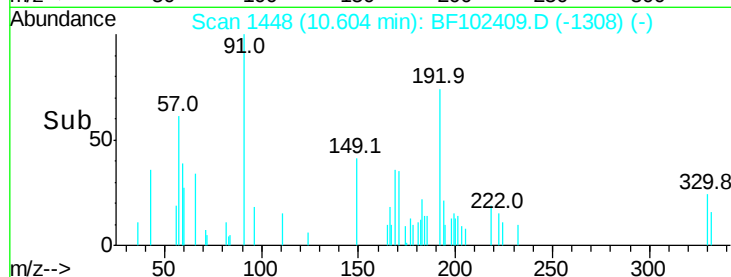
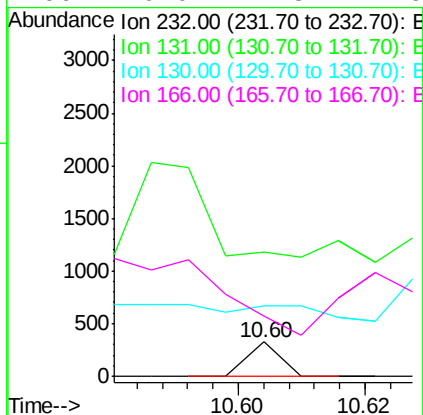
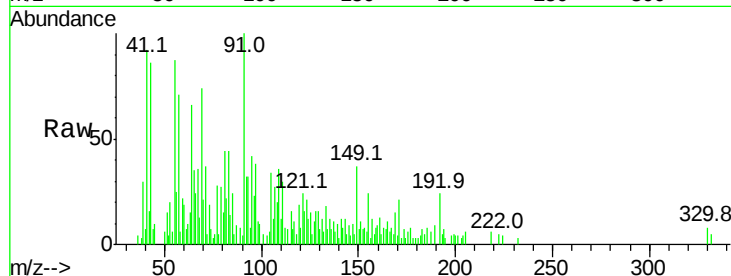




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.097 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.52 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

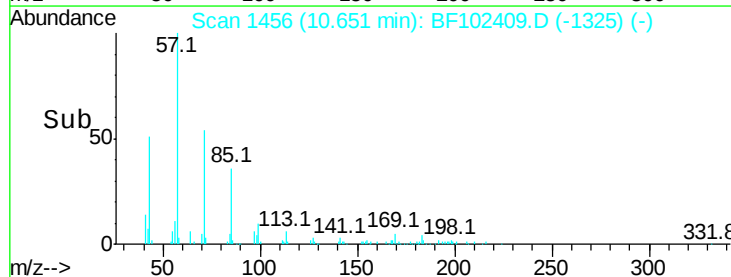
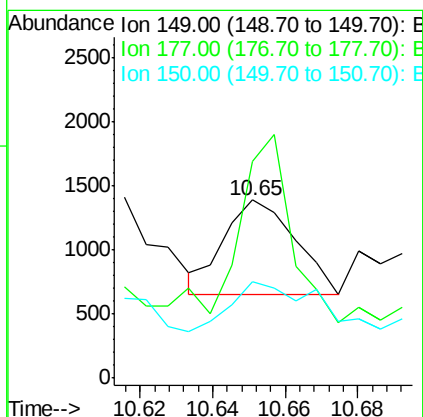
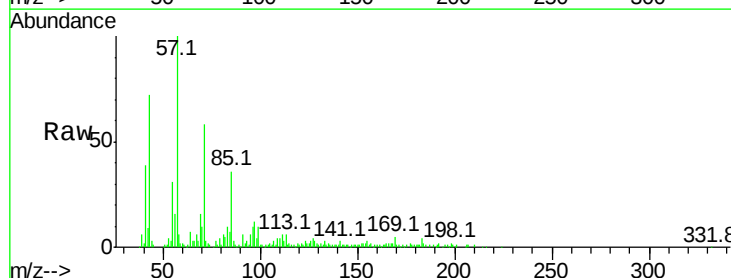
Instrument :
 BNA_F
 ClientSampleId :

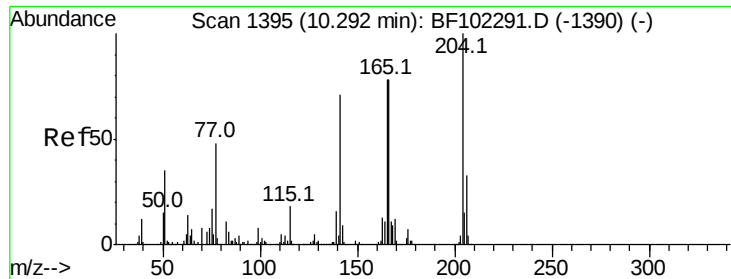
Tot Ion:232 Resp: 114
 Ion Ratio Lower Upper
 232 100
 131 693.9 43.8 65.8#
 130 0.0 2.1 3.1#
 166 0.0 27.8 41.6#



#59
 Diethylphthalate
 Concen: 3.705 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.47 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion:149 Resp: 999
 Ion Ratio Lower Upper
 149 100
 177 121.3 16.1 24.1#
 150 54.1 10.1 15.1#

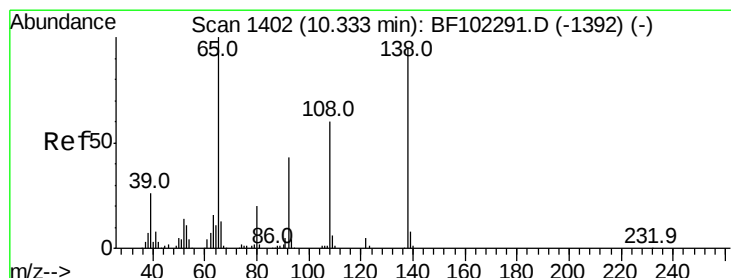
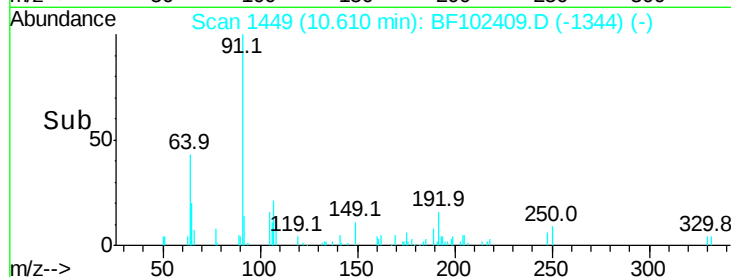
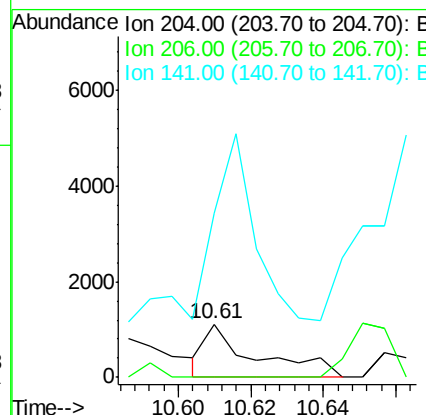
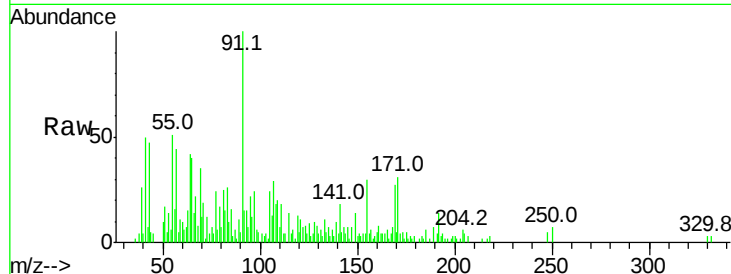




#60
 4-Chlorophenyl-phenylether
 Concen: 10.891 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.32 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

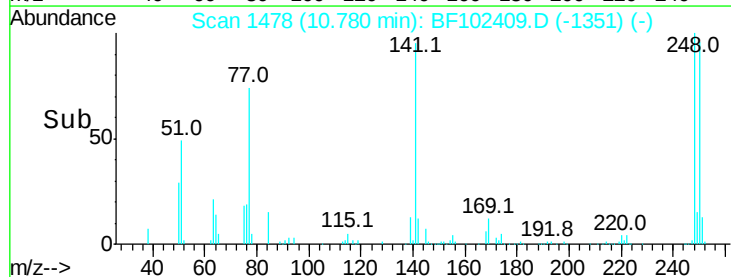
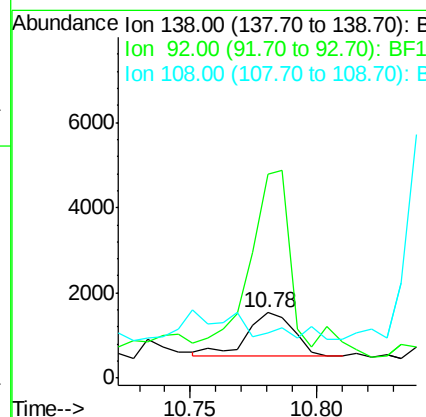
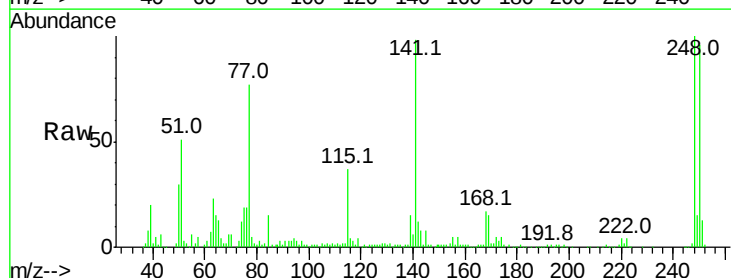
Instrument :
 BNA_F
 ClientSampleId :

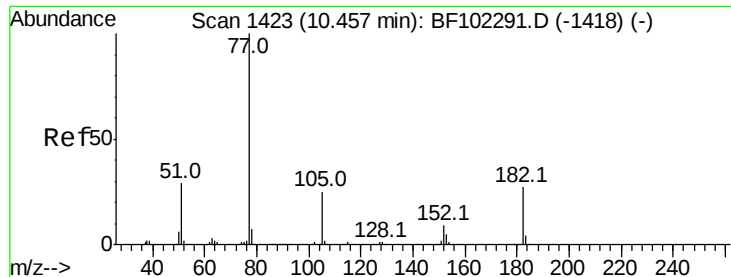
Tot Ion:204 Resp: 1075
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 311.1 54.6 81.8#



#61
 4-Nitroaniline
 Concen: 18.338 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.45 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion:138 Resp: 1295
 Ion Ratio Lower Upper
 138 100
 92 312.1 30.2 70.2#
 108 69.2 52.5 92.5





#62

Azobenzene

Concen: 405.349 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.32 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 100069

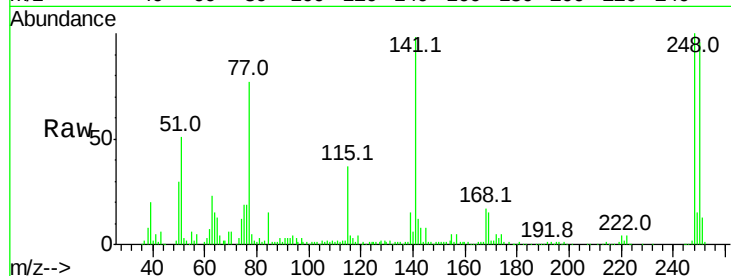
Ion Ratio Lower Upper

77 100

182 0.5 1.7 41.7#

105 2.2 3.0 43.0#

51 65.9 9.9 49.9#

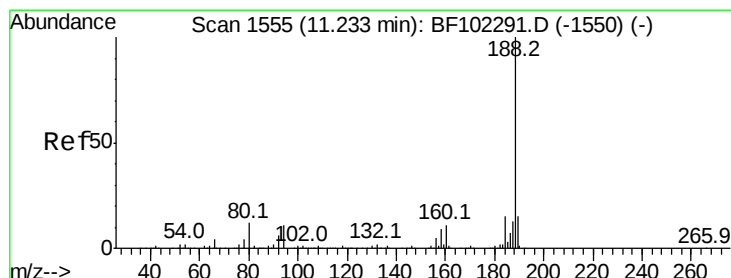
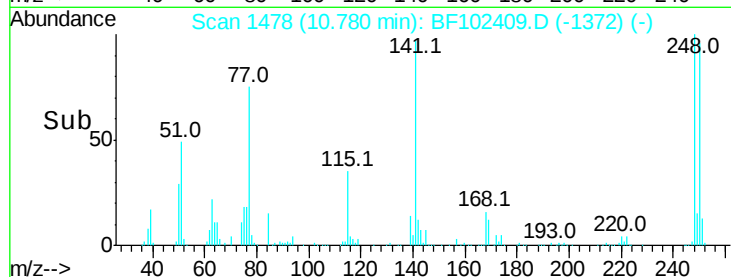
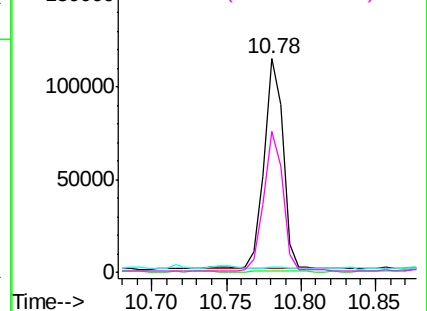


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.77 min Scan# 1646

Delta R.T. 0.54 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

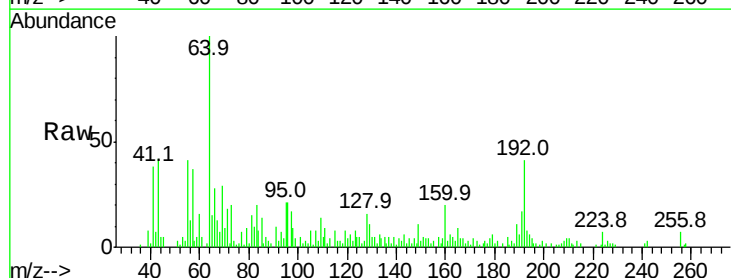
Tgt Ion: 188 Resp: 621

Ion Ratio Lower Upper

188 100

94 159.8 8.5 12.7#

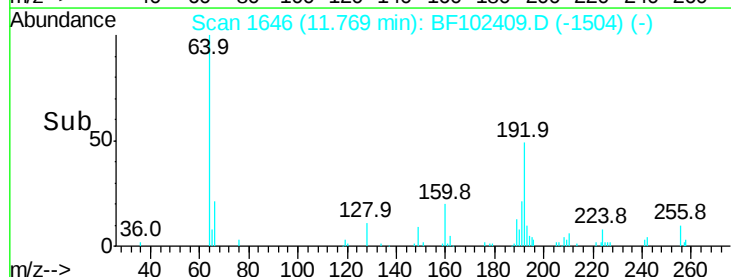
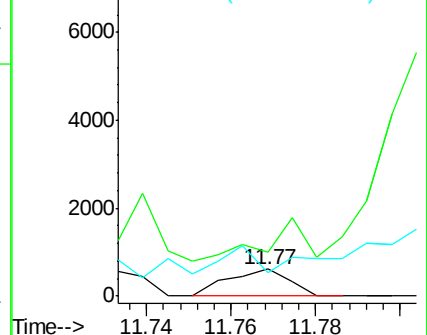
80 87.6 9.2 13.8#

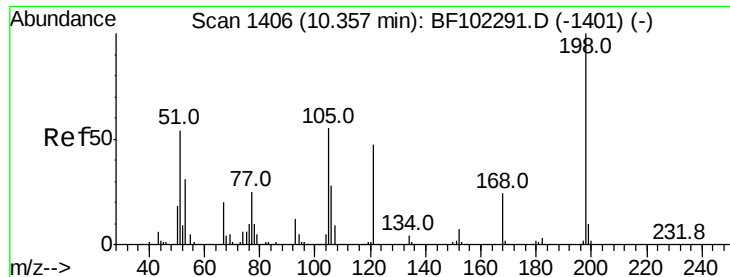


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

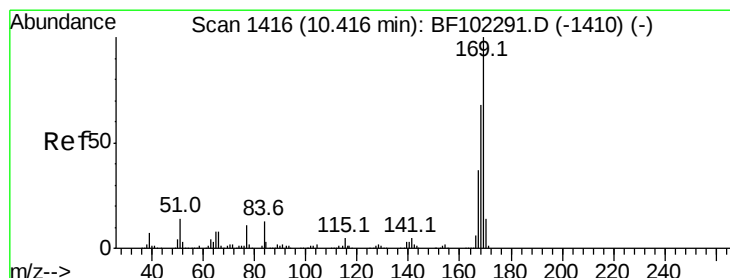
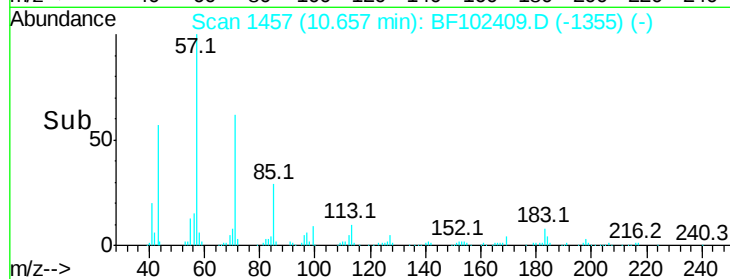
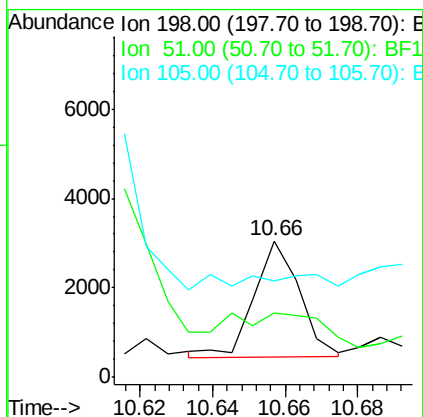
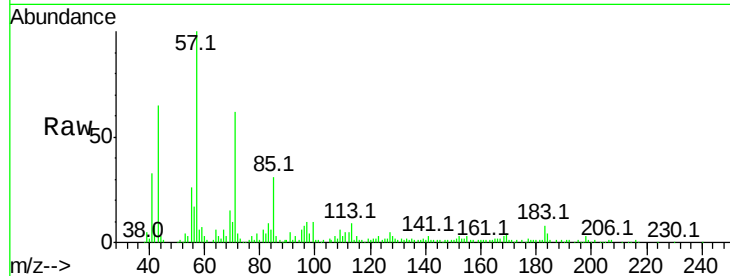




#64
4,6-Dinitro-2-methylphenol
Concen: 543.319 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.30 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

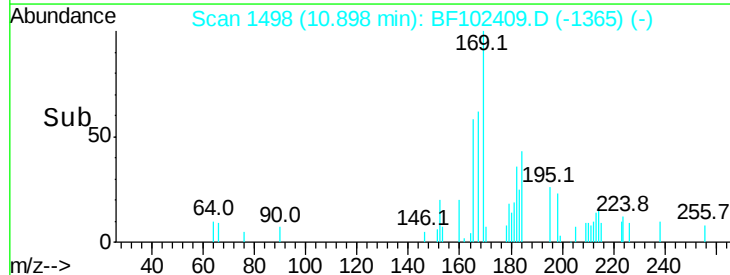
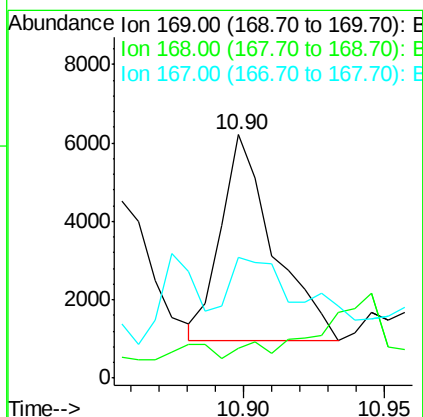
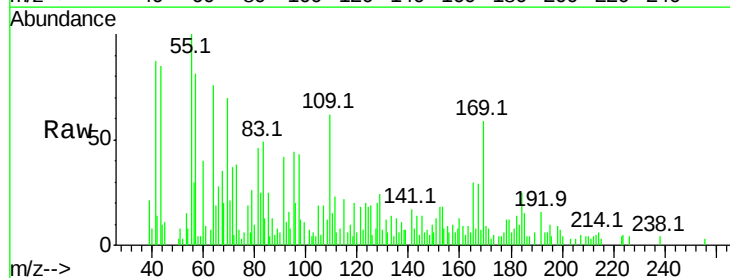
Instrument :
BNA_F
ClientSampled :

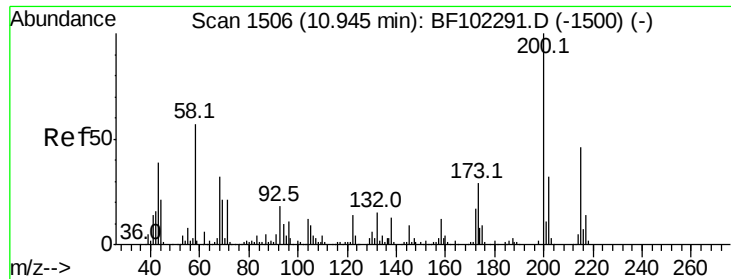
Tot Ion:198 Resp: 2251
Ion Ratio Lower Upper
198 100
51 47.4 37.7 77.7
105 70.7 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 298.731 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.48 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:169 Resp: 6809
Ion Ratio Lower Upper
169 100
168 12.3 54.4 81.6#
167 49.8 29.8 44.6#

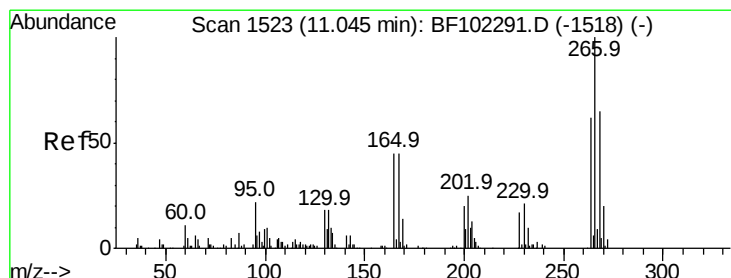
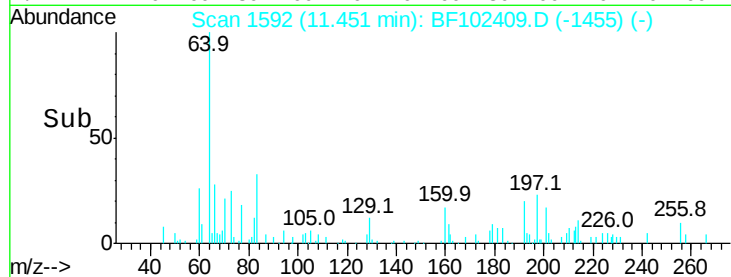
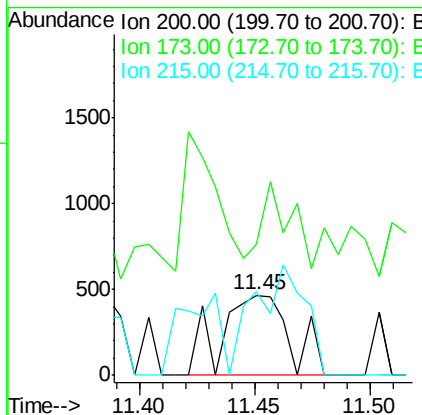
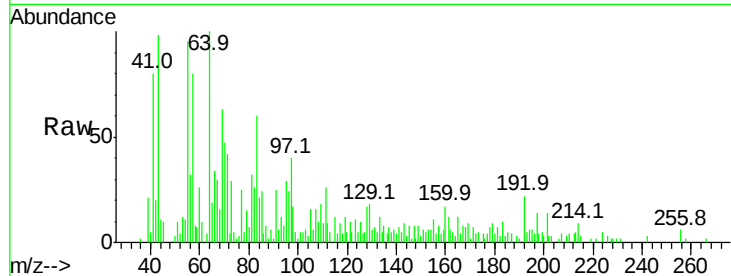




#68
Atrazine
Concen: 145.874 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.51 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

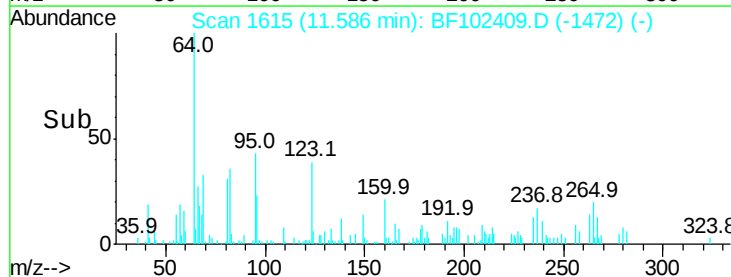
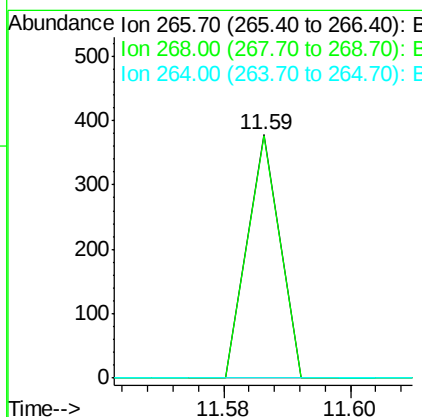
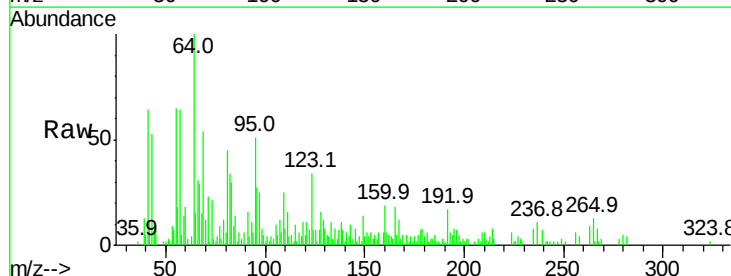
Instrument :
BNA_F
ClientSampleId :

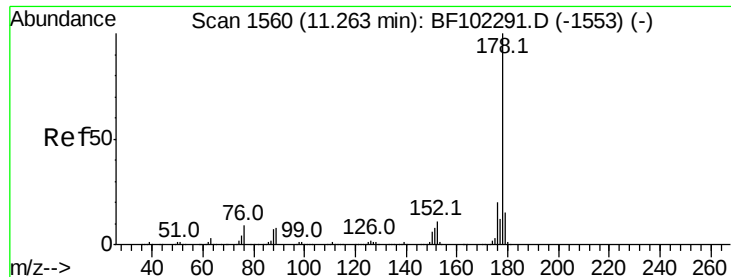
Tot Ion:200 Resp: 982
Ion Ratio Lower Upper
200 100
173 163.5 8.6 48.6#
215 104.7 25.1 65.1#



#69
Pentachlorophenol
Concen: 33.864 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.54 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:266 Resp: 133
Ion Ratio Lower Upper
266 100
268 99.5 51.1 76.7#
264 0.0 49.5 74.3#





#70

Phenanthrene

Concen: 11.855 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.51 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

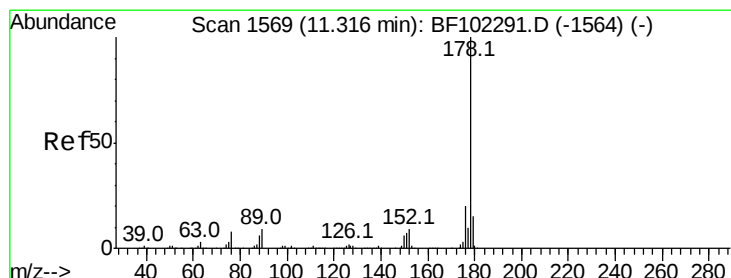
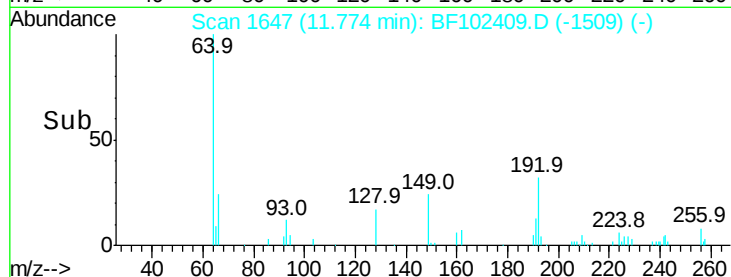
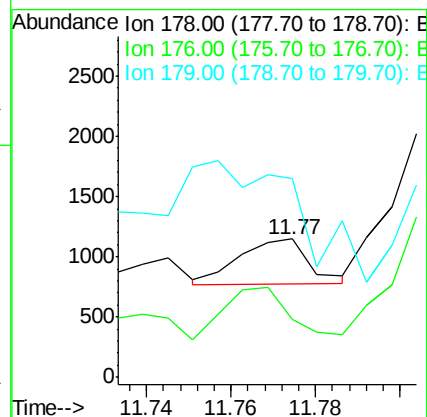
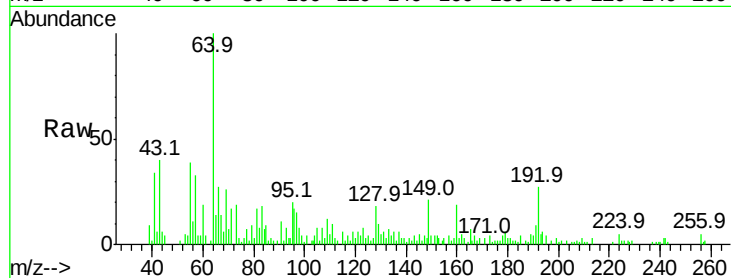
Tot Ion:178 Resp: 429

Ion Ratio Lower Upper

178 100

176 41.6 15.8 23.8#

179 143.6 13.0 19.6#



#71

Anthracene

Concen: 227.774 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.51 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

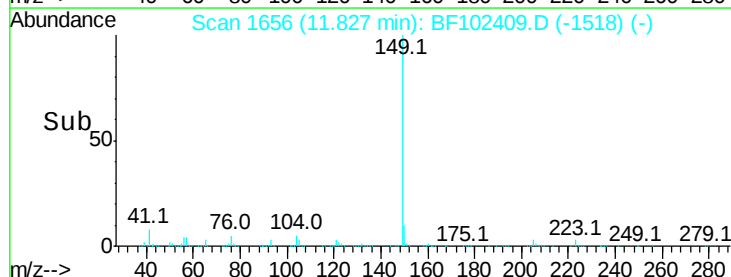
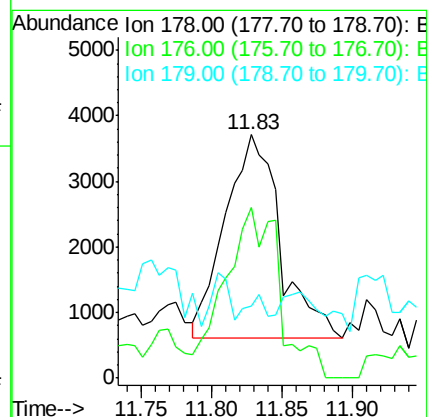
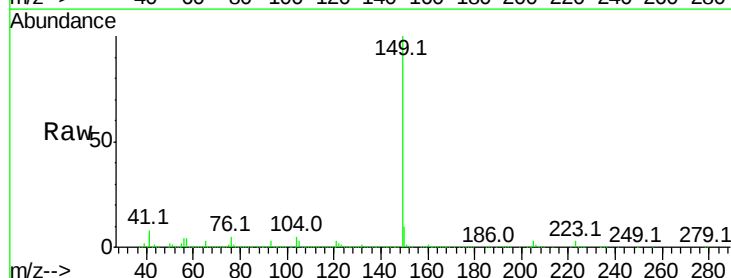
Tgt Ion:178 Resp: 8413

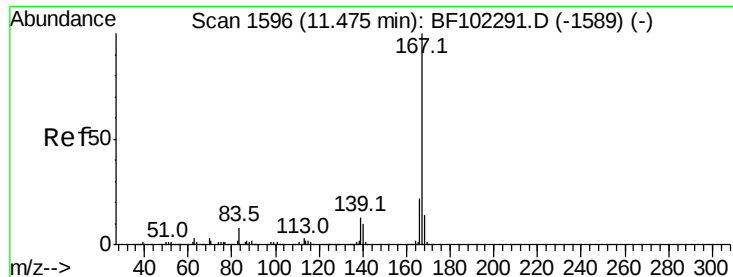
Ion Ratio Lower Upper

178 100

176 70.1 15.4 23.2#

179 29.8 12.6 19.0#





#72

Carbazole

Concen: 88.750 ng

RT: 12.02 min Scan# 1689

Delta R.T. 0.55 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

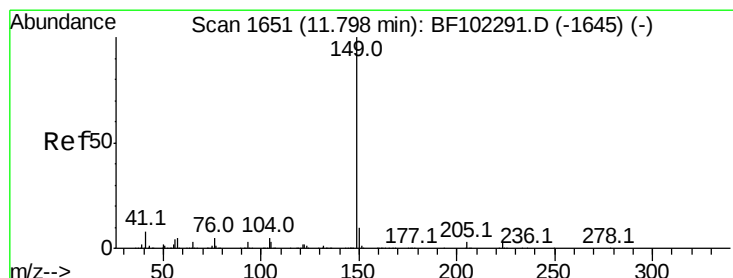
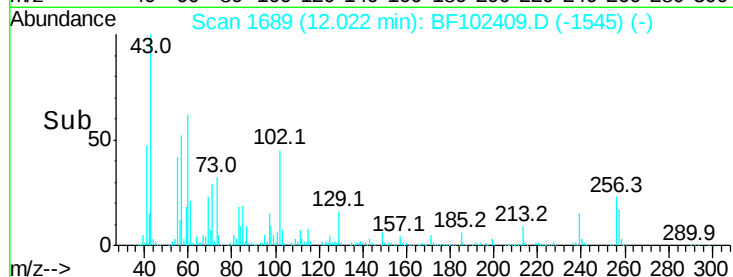
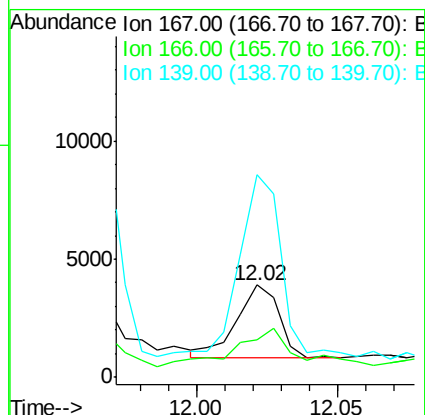
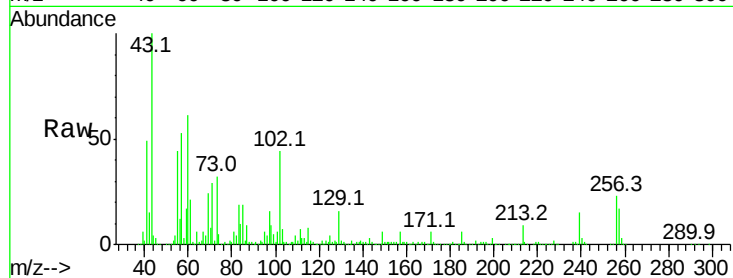
Tot Ion:167 Resp: 3198

Ion Ratio Lower Upper

167 100

166 41.2 17.6 26.4#

139 220.0 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 21.336 ng

RT: 12.36 min Scan# 1747

Delta R.T. 0.56 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

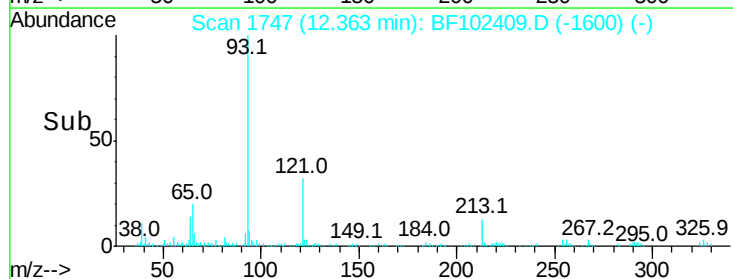
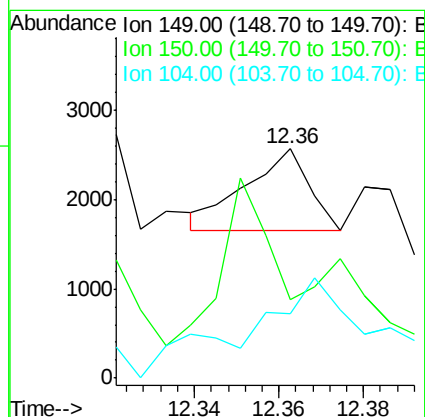
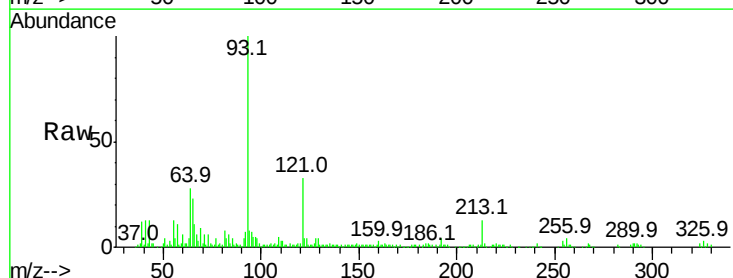
Tgt Ion:149 Resp: 961

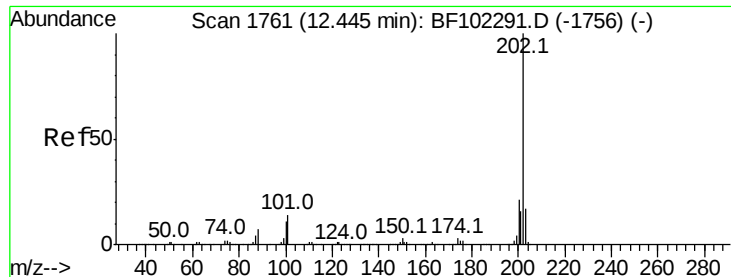
Ion Ratio Lower Upper

149 100

150 34.1 7.8 11.6#

104 28.2 3.8 5.8#





#74

Fluoranthene

Concen: 29.565 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.62 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

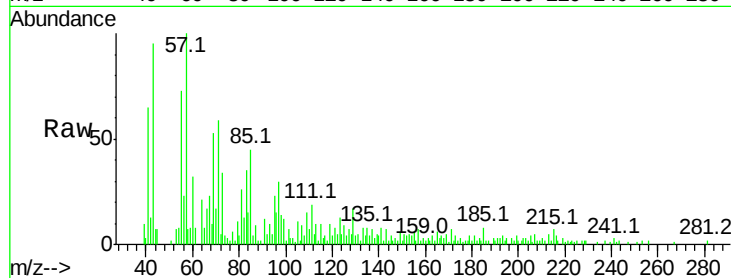
Tot Ion:202 Resp: 1091

Ion Ratio Lower Upper

202 100

101 227.2 0.0 34.1#

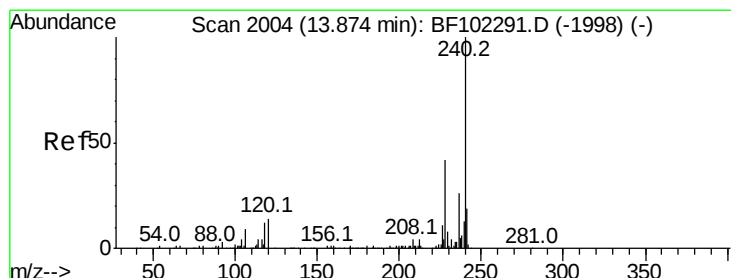
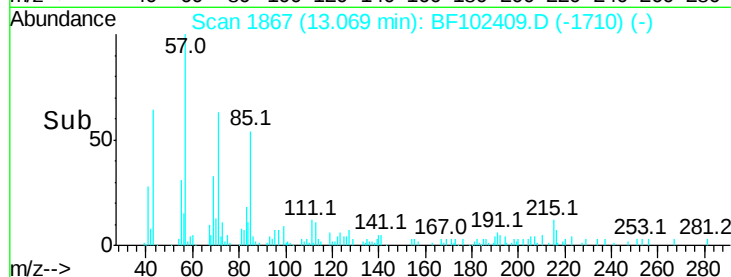
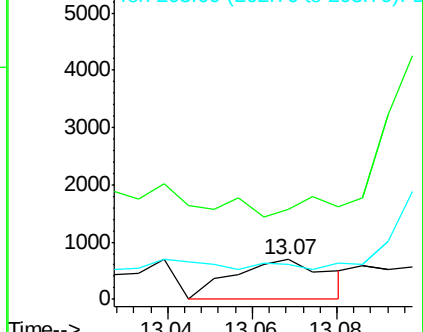
203 88.4 0.0 38.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.65 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

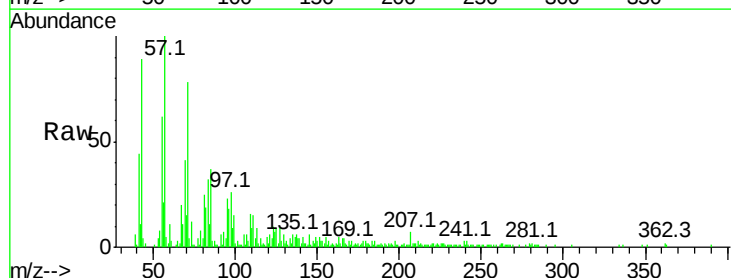
Tgt Ion:240 Resp: 2278

Ion Ratio Lower Upper

240 100

120 115.0 9.5 14.3#

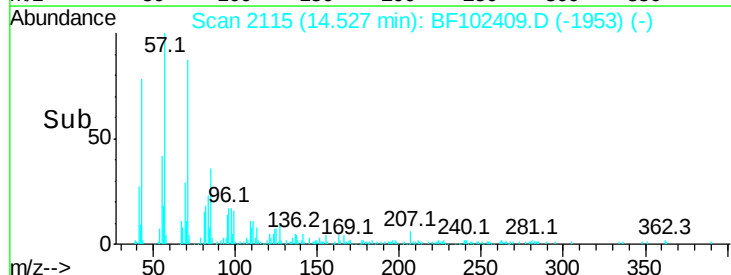
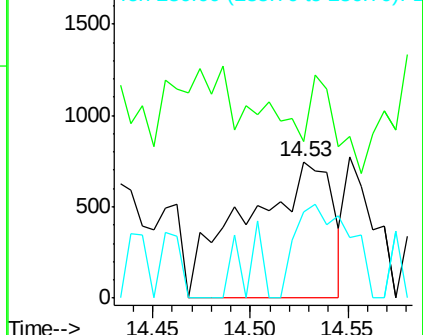
236 63.3 20.7 31.1#

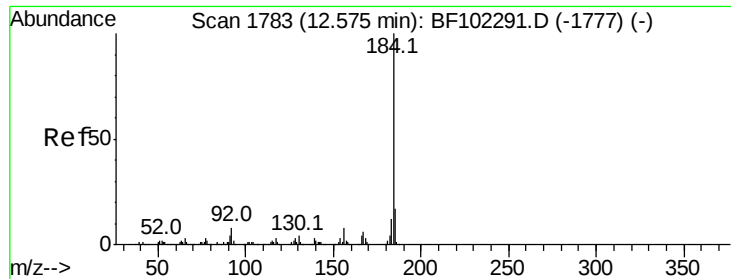


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 10.376 ng

RT: 13.19 min Scan# 1888

Delta R.T. 0.62 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

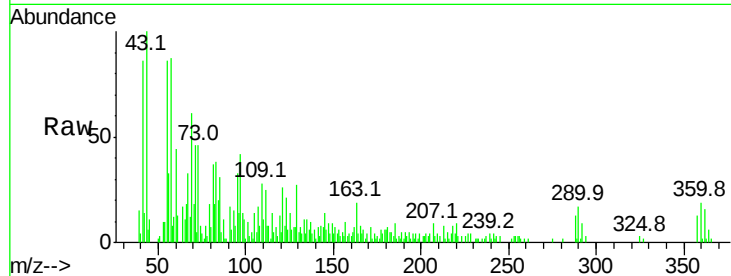
Tot Ion:184 Resp: 794

Ion Ratio Lower Upper

184 100

185 332.7 12.6 18.8#

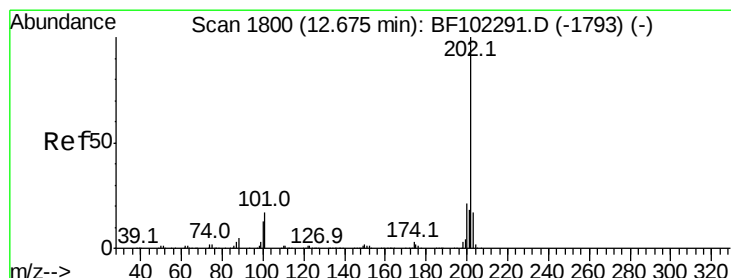
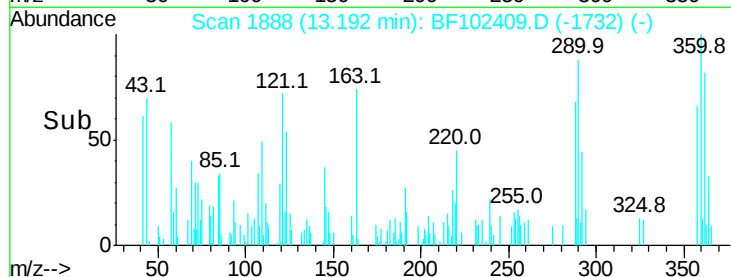
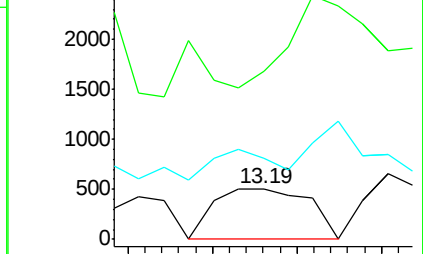
183 160.2 9.3 13.9#



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

Pyrene

Concen: 3.532 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.59 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

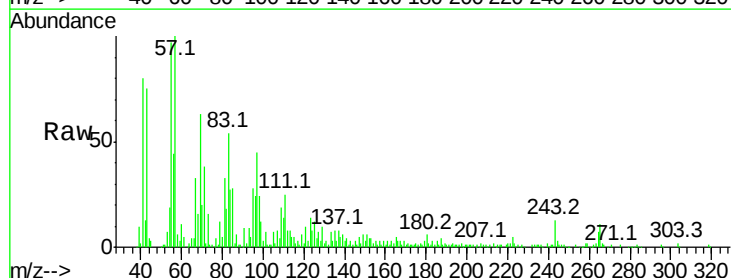
Tgt Ion:202 Resp: 622

Ion Ratio Lower Upper

202 100

200 61.2 17.4 26.2#

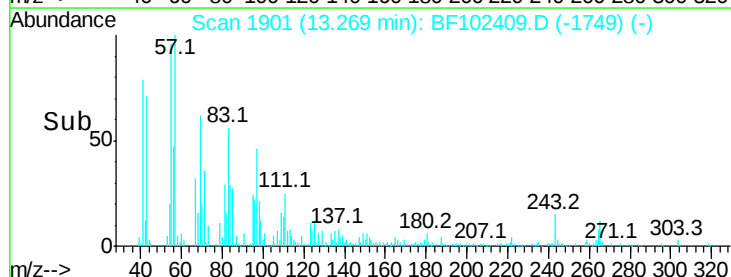
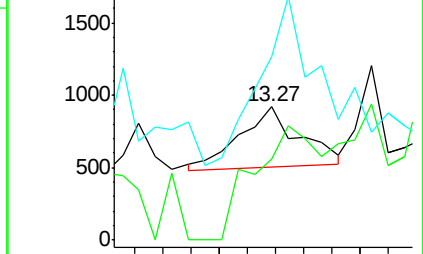
203 137.8 14.3 21.5#

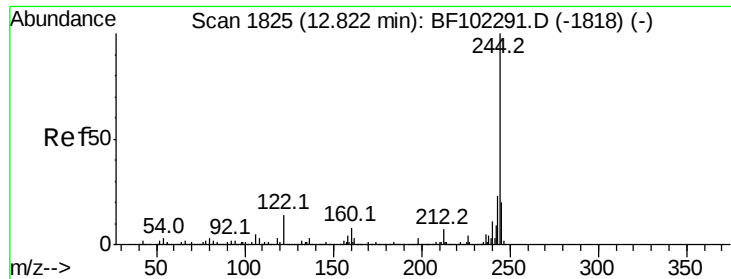


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.752 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.60 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

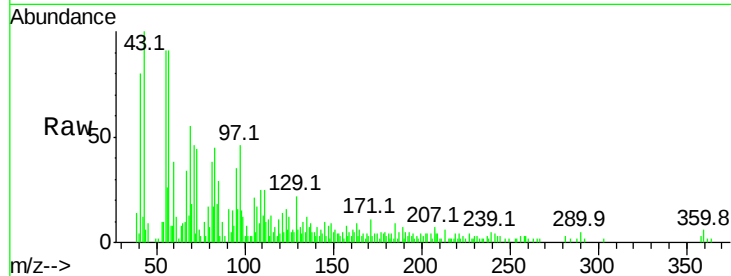
Tot Ion:244 Resp: 177

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

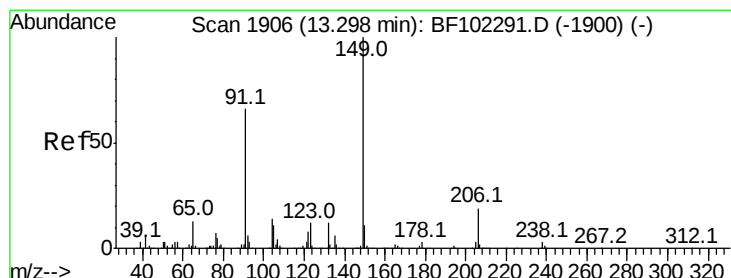
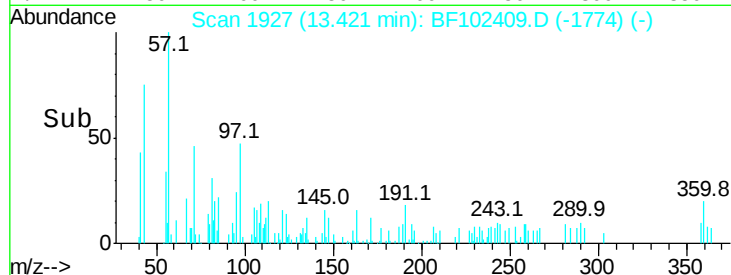
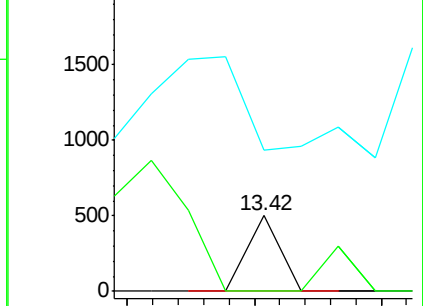
122 187.1 11.0 16.4#



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: 5465.600 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.56 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

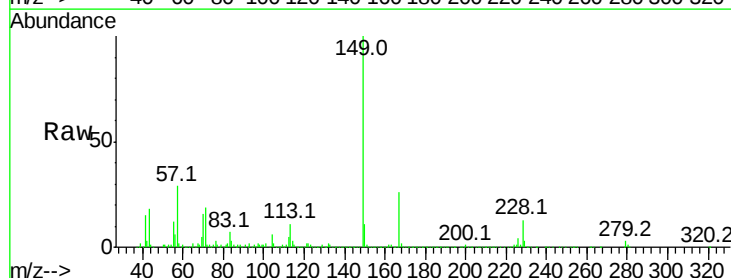
Tgt Ion:149 Resp: 479061

Ion Ratio Lower Upper

149 100

91 0.8 56.8 85.2#

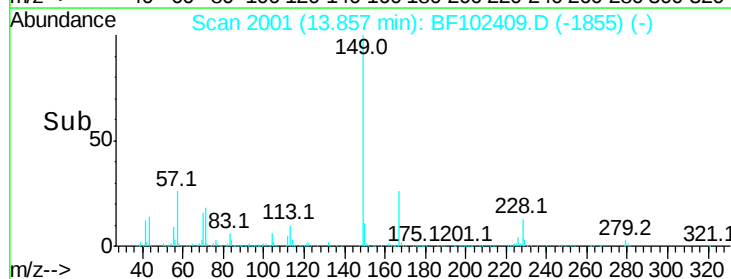
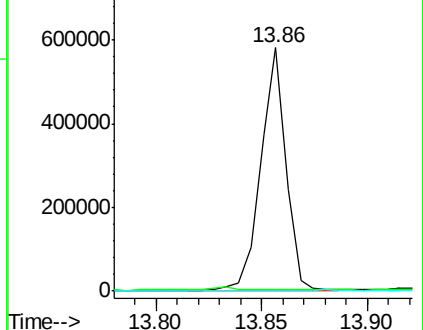
206 0.1 14.1 21.1#

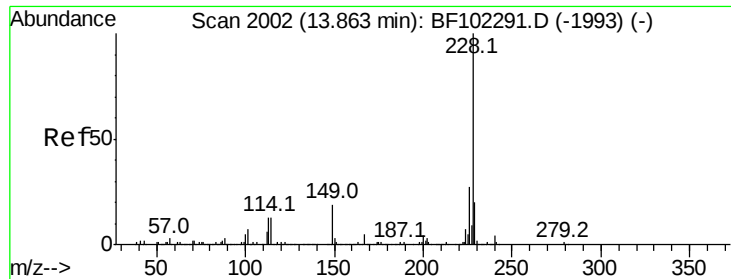


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.068 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.64 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

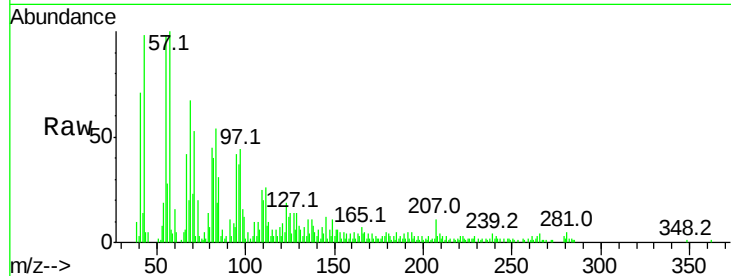
Tot Ion:228 Resp: 290

Ion Ratio Lower Upper

228 100

226 95.8 22.6 33.8#

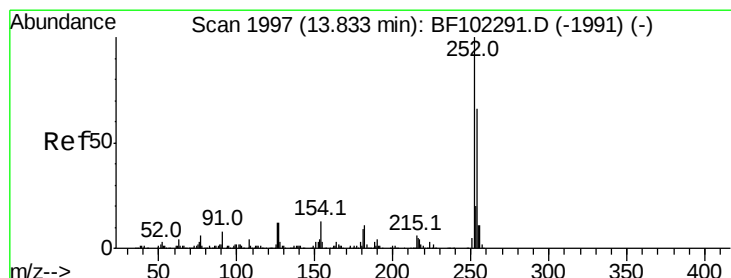
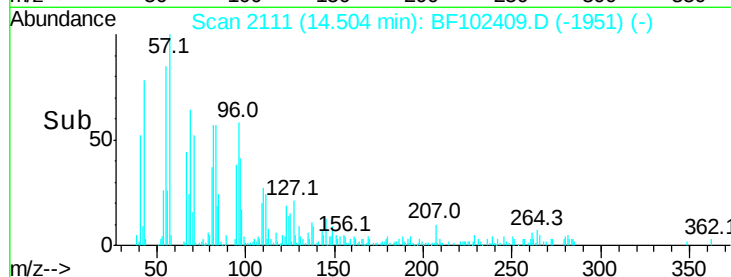
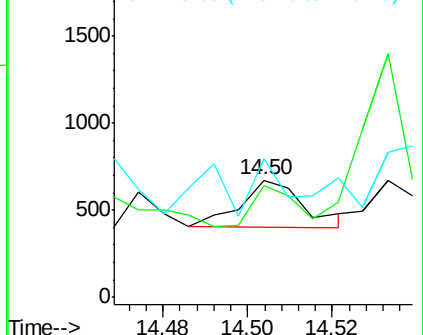
229 118.0 15.8 23.6#



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: 5.384 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.65 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

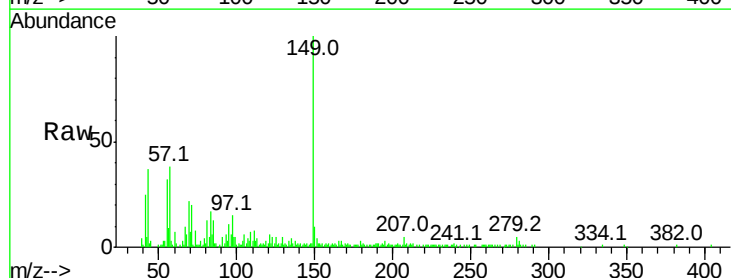
Tgt Ion:252 Resp: 277

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

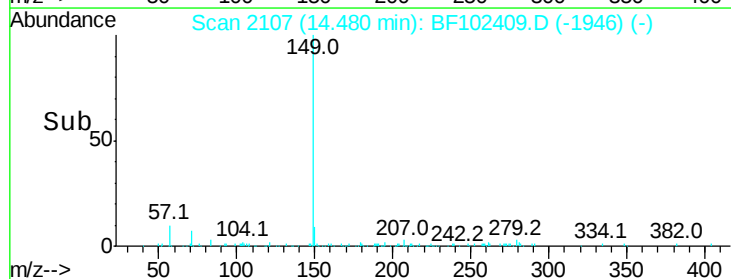
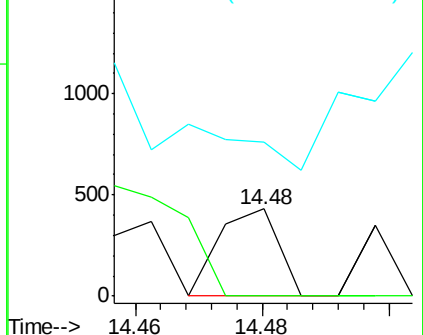
126 175.9 11.3 16.9#

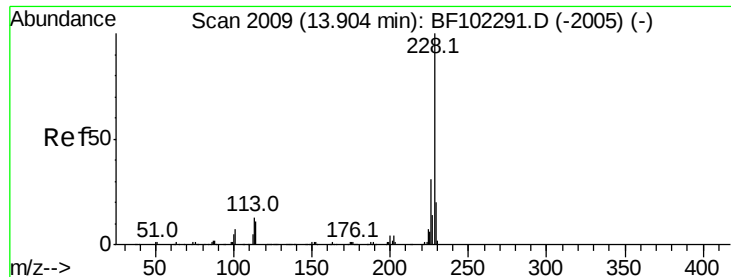


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 4.866 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.65 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

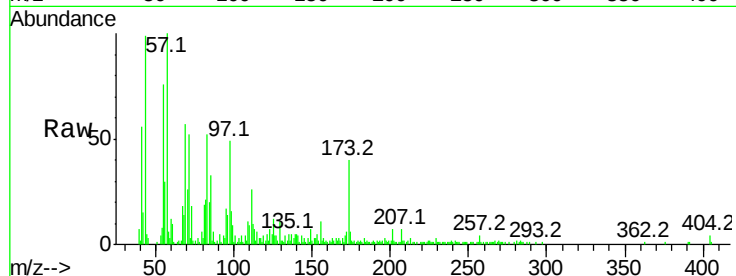
Tot Ion:228 Resp: 693

Ion Ratio Lower Upper

228 100

226 73.7 25.0 37.6#

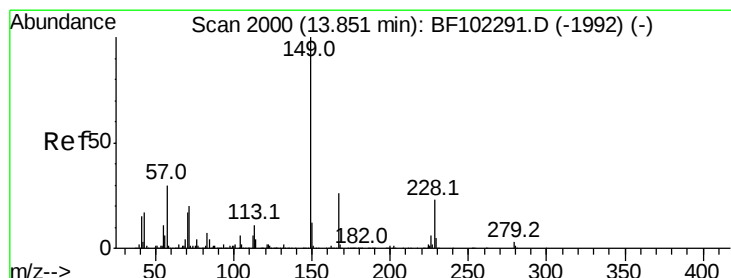
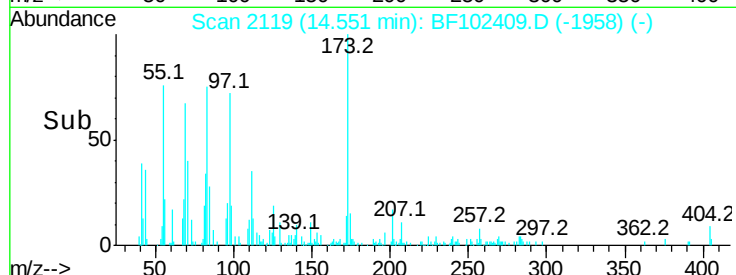
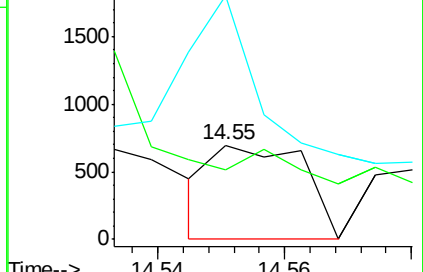
229 259.1 16.2 24.4#



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: 5779.816 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.62 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

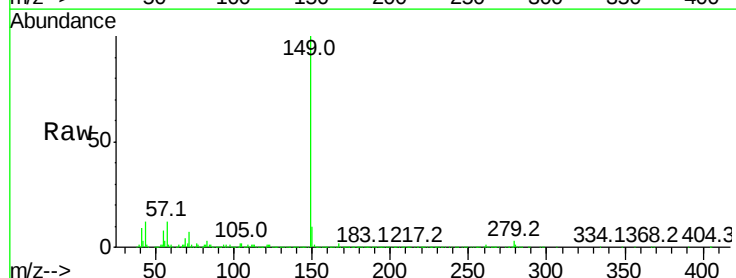
Tgt Ion:149 Resp: 680817

Ion Ratio Lower Upper

149 100

167 1.6 21.3 31.9#

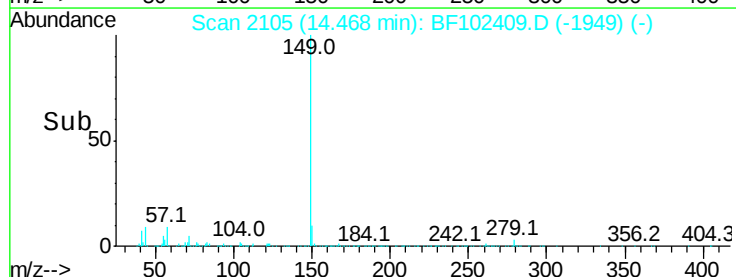
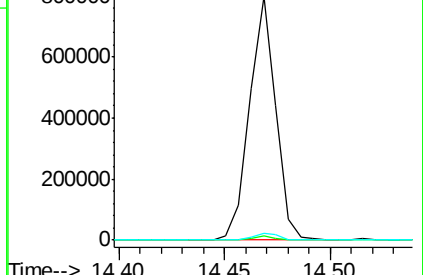
279 2.9 3.0 4.4#

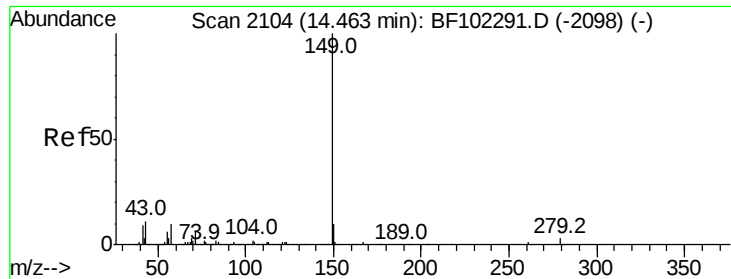


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

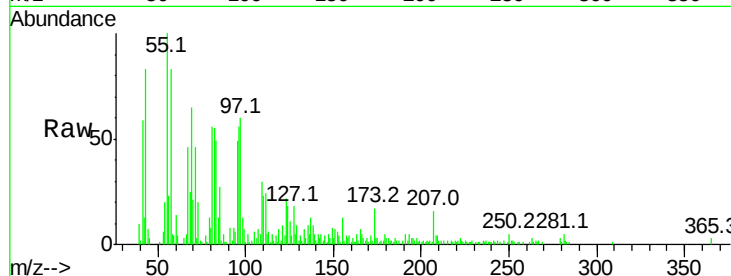




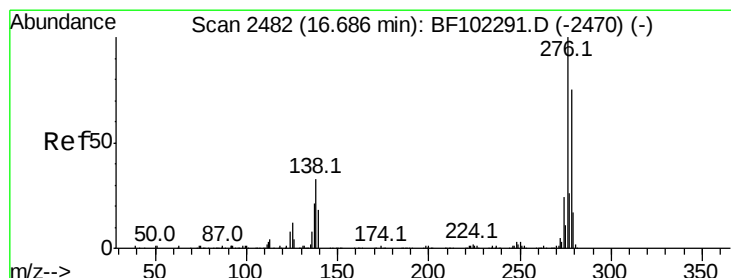
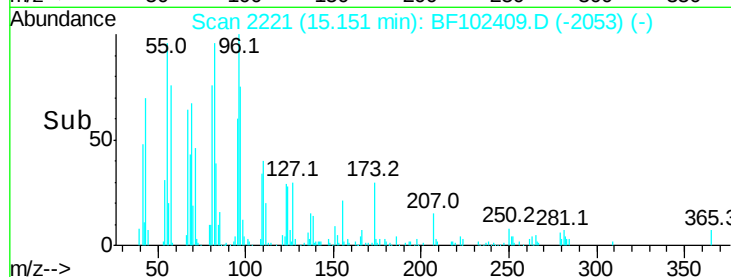
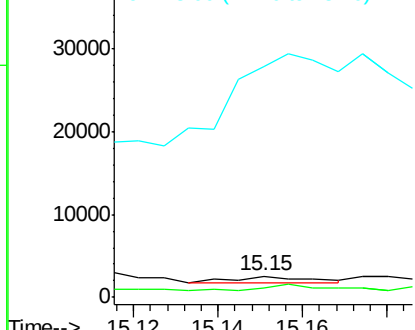
#84
Di-n-octyl phthalate
Concen: 4.531 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.69 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 868
Ion Ratio Lower Upper
149 100
167 98.5 1.2 1.8#
43 4988.2 8.4 12.6#

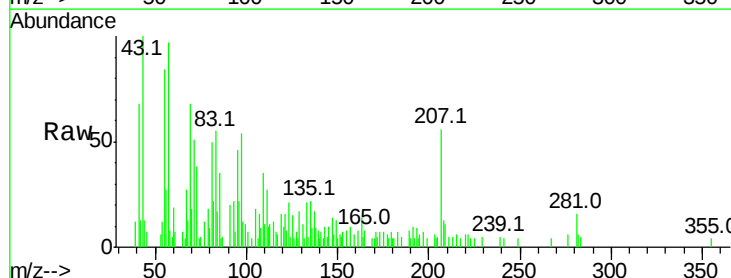


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

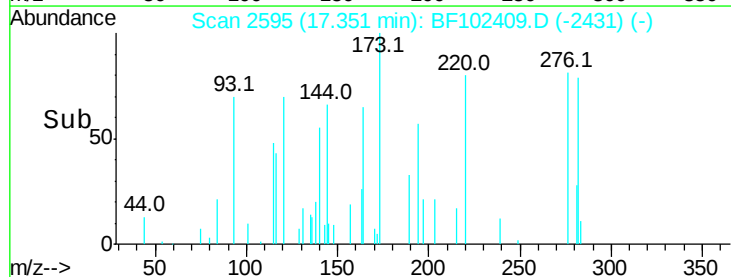
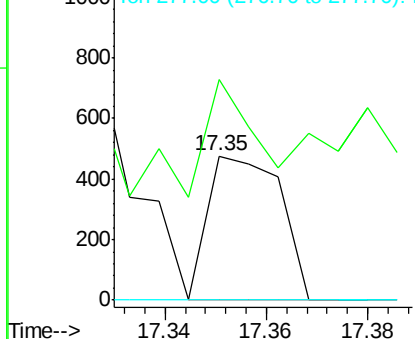


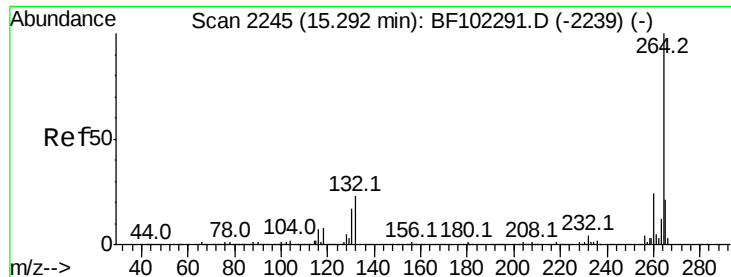
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.004 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.66 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:276 Resp: 471
Ion Ratio Lower Upper
276 100
138 53.9 25.0 37.6#
277 0.0 20.1 30.1#



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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 16.02 min Scan# 2369

Delta R.T. 0.73 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

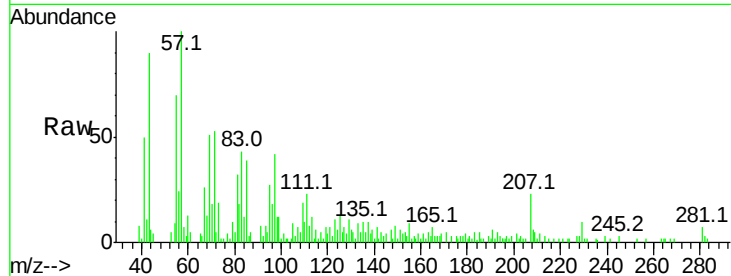
Tot Ion:264 Resp: 349

Ion Ratio Lower Upper

264 100

260 0.0 19.2 28.8#

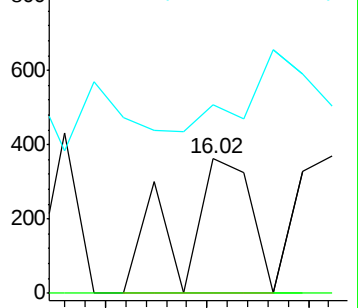
265 140.6 17.5 26.3#



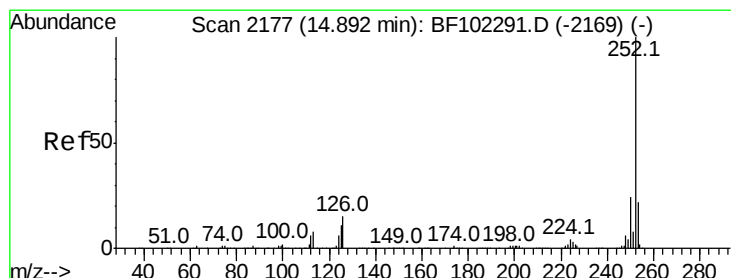
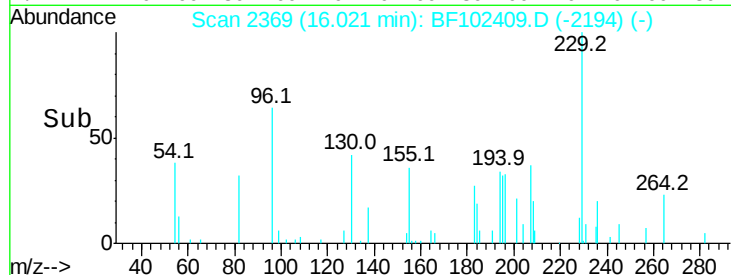
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 29.133 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.71 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

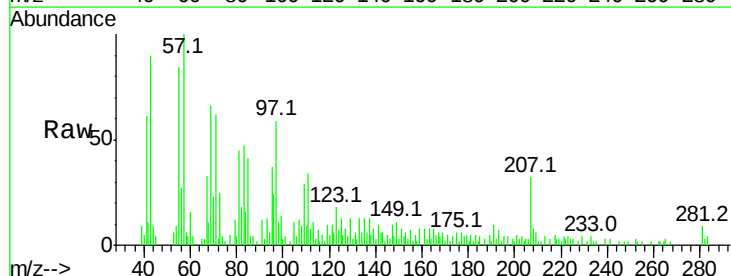
Tgt Ion:252 Resp: 659

Ion Ratio Lower Upper

252 100

253 79.1 17.0 25.6#

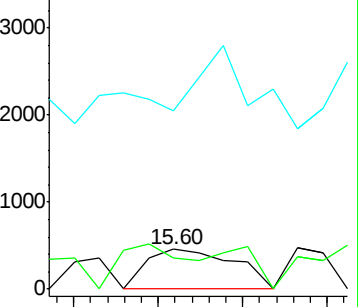
125 452.6 9.0 13.6#



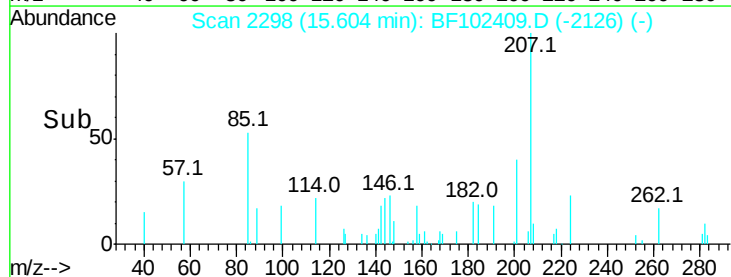
Abundance Ion 252.00 (251.70 to 252.70): E

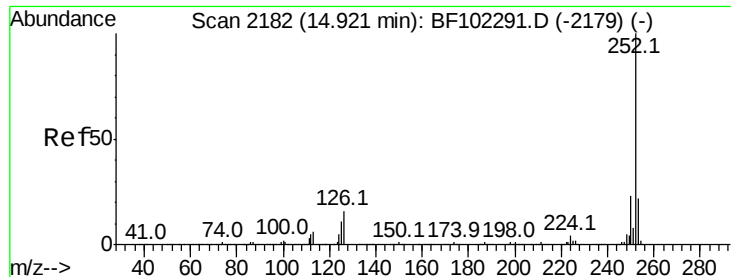
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(k)fluoranthene

Concen: 14.833 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.71 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

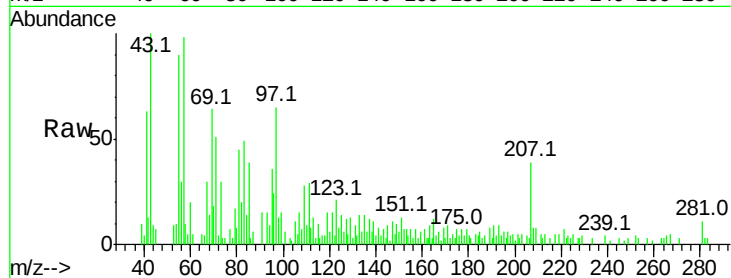
Tot Ion:252 Resp: 317

Ion Ratio Lower Upper

252 100

253 78.9 17.9 26.9#

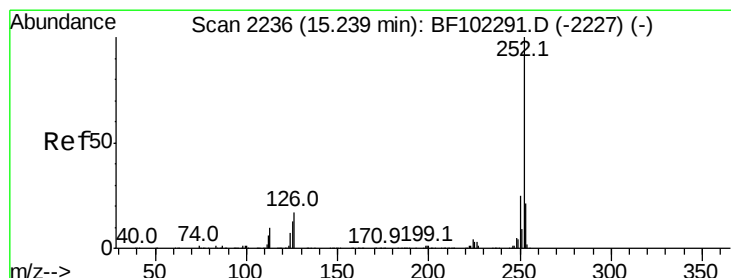
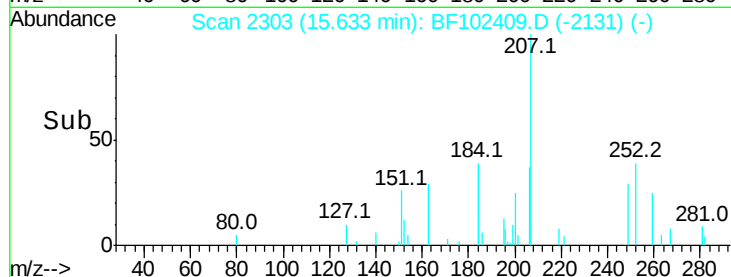
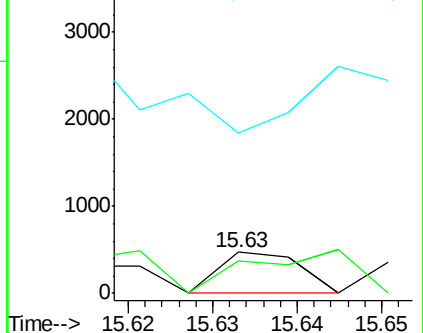
125 388.0 10.2 15.2#



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: 5.539 ng

RT: 15.97 min Scan# 2360

Delta R.T. 0.73 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

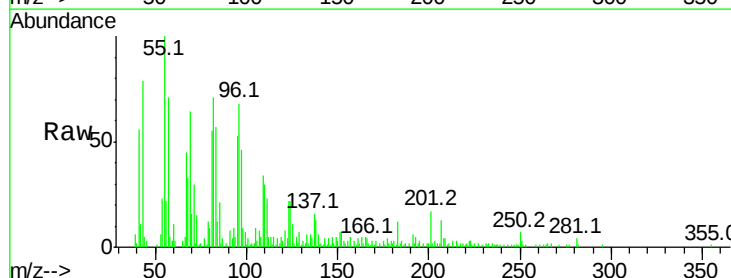
Tgt Ion:252 Resp: 113

Ion Ratio Lower Upper

252 100

253 109.7 17.1 25.7#

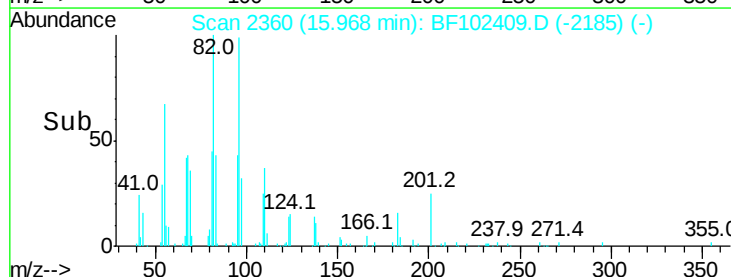
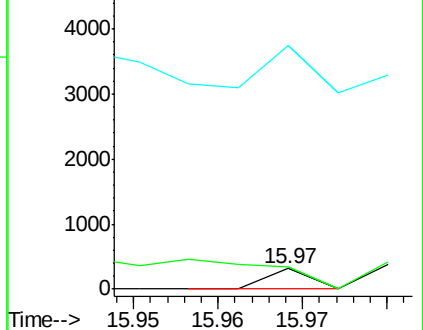
125 1173.7 9.8 14.6#

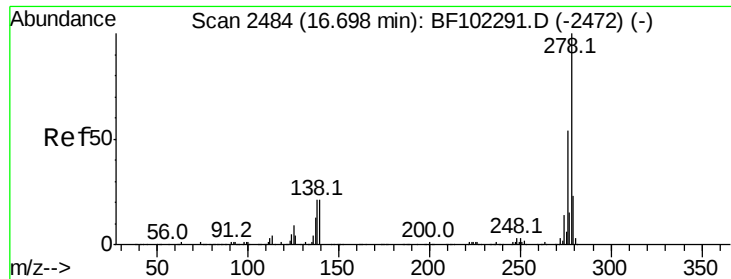


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 13.131 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.56 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampled :

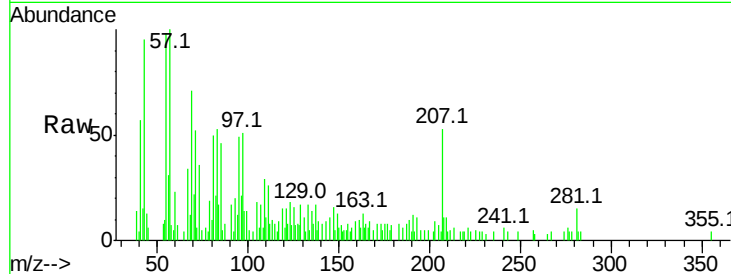
Tot Ion:278 Resp: 217

Ion Ratio Lower Upper

278 100

139 248.1 15.9 23.9#

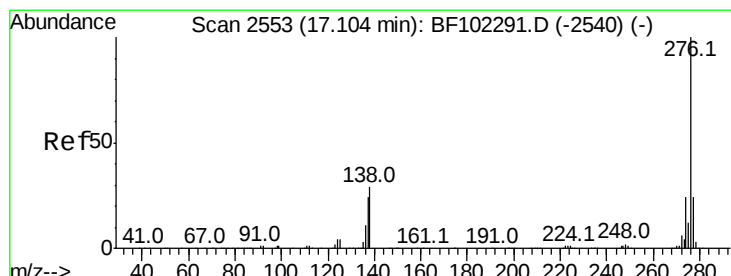
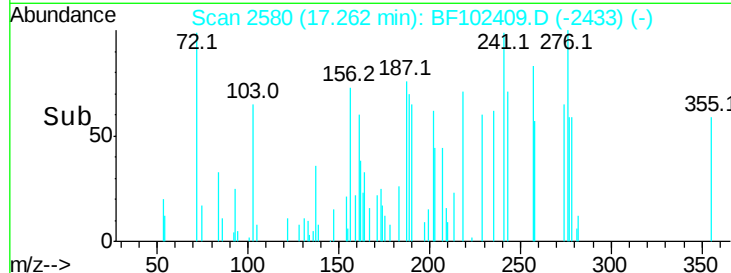
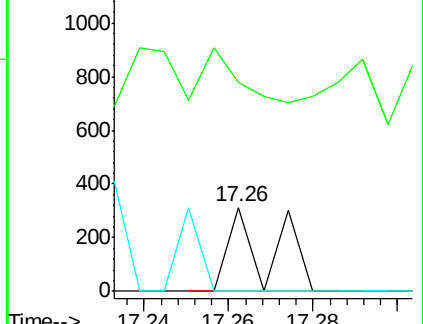
279 0.0 19.0 28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 7.293 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.79 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

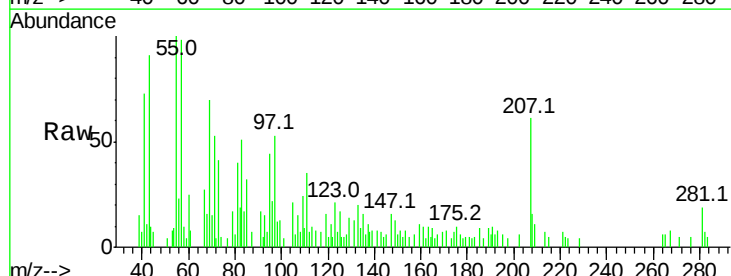
Tgt Ion:276 Resp: 119

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 157.1 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

