

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102335.D
 Acq On : 23 Jan 2018 10:28
 Operator : SJ/JU
 Sample : J1186-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:15:30 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	6.72	152	136482	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	558550	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	283918	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	493795	20.00	ng	0.00
75) Chrysene-d12	13.88	240	367003	20.00	ng	0.00
86) Perylene-d12	15.31	264	273819	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1005815	111.74	ng	0.02
7) Phenol-d6	6.37	99	1263454	116.43	ng	0.02
23) Nitrobenzene-d5	7.30	82	822247	84.60	ng	0.01
41) 2,4,6-Tribromophenol	10.55	330	323704	115.07	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1508038	78.10	ng	0.00
78) Terphenyl-d14	12.83	244	1183885	72.72	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	130	0.030	ng	# 1
3) Pyridine	2.96	79	116	0.010	ng	# 4
4) n-Nitrosodimethylamine	3.05	42	2278	0.520	ng	# 1
6) Aniline	6.39	93	9189	0.640	ng	# 1
8) 2-Chlorophenol	6.51	128	1785	0.189	ng	# 1
9) Benzaldehyde	6.27	77	22298	2.955	ng	95
10) Phenol	6.39	94	291923	24.641	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	2375	0.264	ng	# 1
12) 1,3-Dichlorobenzene	6.87	146	139	0.012	ng	# 1
13) 1,4-Dichlorobenzene	6.87	146	139	0.012	ng	# 1
14) 1,2-Dichlorobenzene	6.87	146	139	0.014	ng	# 1
15) Benzyl Alcohol	6.94	79	4709009	615.020	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	9127	0.604	ng	85
17) 2-Methylphenol	6.94	107	2648237	323.163	ng	# 20
18) Hexachloroethane	7.26	117	719	0.184	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	347896	52.386	ng	# 52
20) 3+4-Methylphenols	6.94	107	2630829	272.967	ng	# 1
22) Acetophenone	7.15	105	8164	0.613	ng	# 1
24) Nitrobenzene	7.30	77	5292	0.532	ng	# 18
25) Isophorone	7.62	82	28116	1.623	ng	# 63
26) 2-Nitrophenol	7.62	139	1554	0.297	ng	# 16
27) 2,4-Dimethylphenol	7.80	122	177199	23.311	ng	# 6
28) bis(2-Chloroethoxy)methane	7.77	93	3974	0.371	ng	# 1
30) 1,2,4-Trichlorobenzene	7.68	180	163	0.020	ng	# 4
31) Naphthalene	8.02	128	32831	1.177	ng	98
32) Benzoic acid	7.80	122	177199	27.823	ng	99
33) 4-Chloroaniline	8.09	127	834	0.071	ng	# 1
34) Hexachlorobutadiene	8.35	225	170	0.038	ng	# 18
35) Caprolactam	8.47	113	747	0.292	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	28662	3.512	ng	# 20
37) 2-Methylnaphthalene	8.81	142	4068	0.219	ng	89
45) 1,1'-Biphenyl	9.17	154	7325	0.289	ng	97
47) 2-Nitroaniline	9.31	65	333	0.054	ng	# 42
48) Acenaphthylene	9.61	152	2525	0.082	ng	# 68

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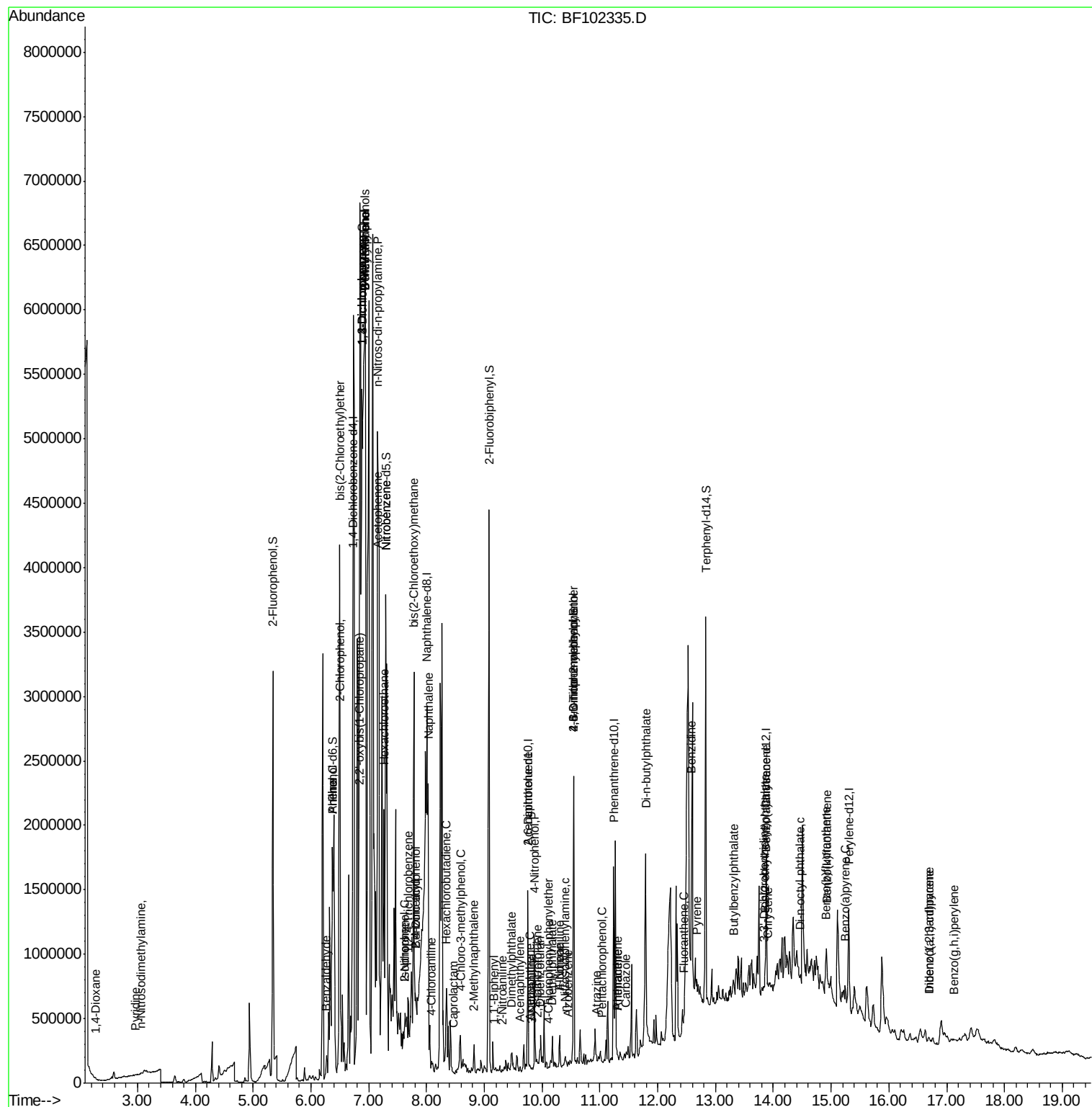
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.47	163	32359	1.379	nq	99
50) 2,6-Dinitrotoluene	9.75	165	37812	7.473	nq	# 26
51) Acenaphthene	9.79	154	2743	0.153	nq	# 87
52) 3-Nitroaniline	9.83	138	828	0.138	nq	# 67
54) Dibenzofuran	9.96	168	6291	0.259	nq	# 75
55) 4-Nitrophenol	9.88	139	2746	0.695	nq	# 1
56) 2,4-Dinitrotoluene	9.93	165	1756	0.282	nq	# 34
57) Fluorene	10.30	166	6638	0.345	nq	# 94
59) Diethylphthalate	10.17	149	17305	0.759	nq	100
60) 4-Chlorophenyl-phenylether	10.10	204	110	0.013	nq	# 31
61) 4-Nitroaniline	10.31	138	1369	0.229	nq	# 1
62) Azobenzene	10.44	77	1701	0.081	nq	# 49
64) 4,6-Dinitro-2-methylphenol	10.54	198	848	0.257	nq	# 1
65) n-Nitrosodiphenylamine	10.41	169	3427	0.189	nq	94
66) 4-Bromophenyl-phenylether	10.55	248	20163	3.793	nq	# 1
68) Atrazine	10.95	200	246	0.046	nq	# 1
69) Pentachlorophenol	11.04	266	268	0.086	nq	# 19
70) Phenanthrene	11.31	178	7195	0.250	nq	97
71) Anthracene	11.31	178	7195	0.245	nq	96
72) Carbazole	11.46	167	11488	0.401	nq	# 72
73) Di-n-butylphthalate	11.80	149	19407	0.542	nq	# 93
74) Fluoranthene	12.44	202	21672	0.739	nq	86
76) Benzidine	12.58	184	522	0.042	nq	# 1
77) Pyrene	12.68	202	20958	0.739	nq	# 93
79) Butylbenzylphthalate	13.30	149	21458	1.520	nq	92
80) Benzo(a)anthracene	13.87	228	28423	1.258	nq	97
81) 3,3'-Dichlorobenzidine	13.84	252	1076	0.130	nq	# 1
82) Chrysene	13.90	228	27333	1.191	nq	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	75077	3.956	nq	# 99
84) Di-n-octyl phthalate	14.47	149	47788	1.548	nq	# 75
85) Indeno(1,2,3-cd)pyrene	16.70	276	2987	0.158	nq	# 60
87) Benzo(b)fluoranthene	14.90	252	36183	2.039	nq	# 74
88) Benzo(k)fluoranthene	14.92	252	30191	1.801	nq	# 62
89) Benzo(a)pyrene	15.24	252	22415	1.400	nq	# 58
90) Dibenzo(a,h)anthracene	16.70	278	1893	0.146	nq	# 1
91) Benzo(a,h,i)perylene	17.12	276	1799	0.141	nq	# 7

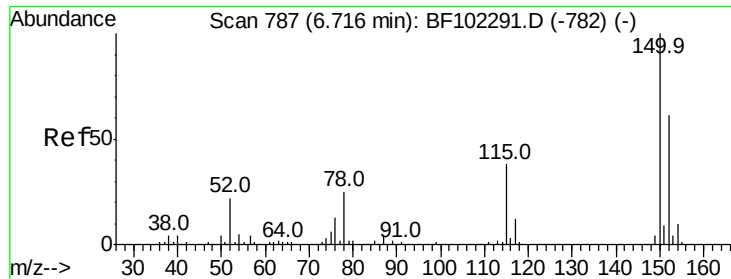
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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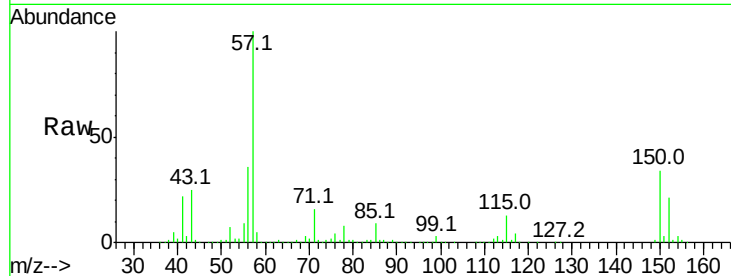


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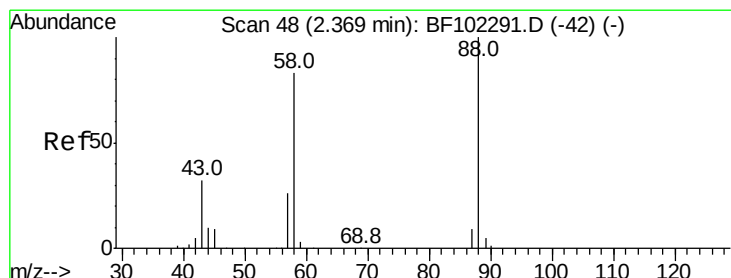
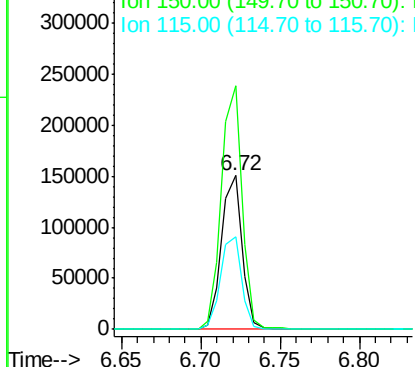
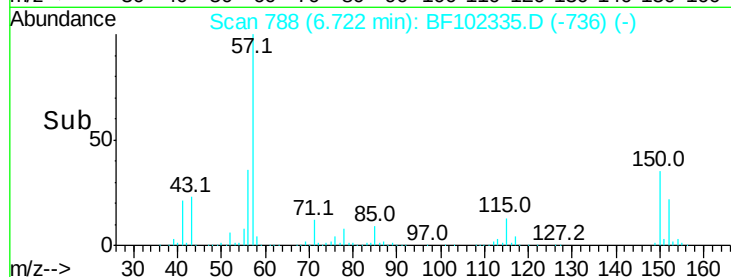
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136482
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.5 50.1 75.1



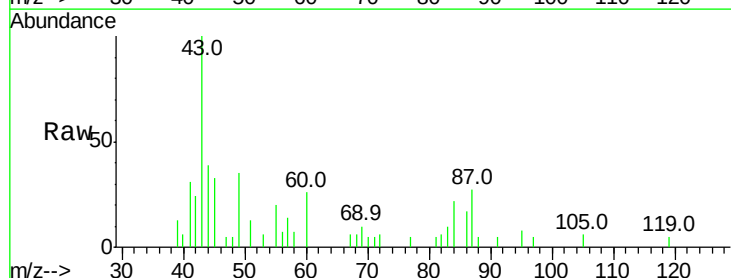
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



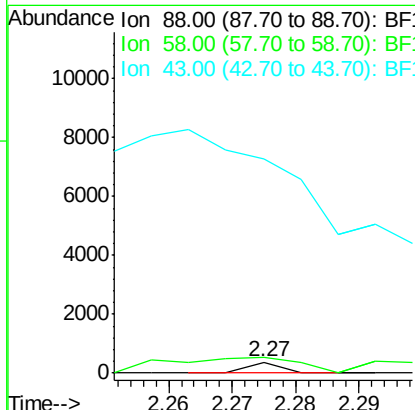
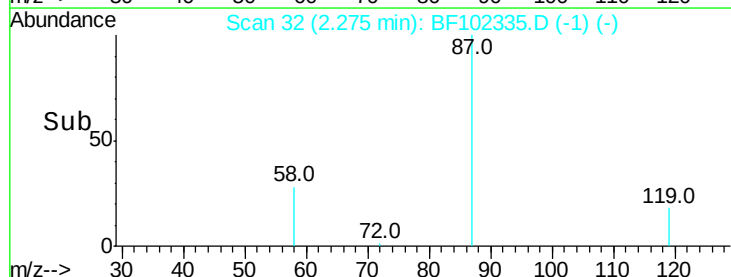
#2

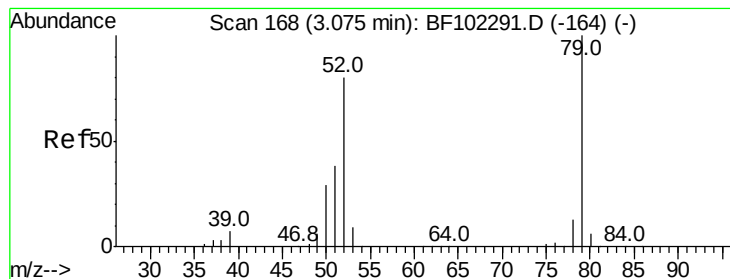
1,4-Dioxane
Concen: 0.030 ng
RT: 2.27 min Scan# 32
Delta R.T. -0.09 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
58 594.6 62.6 93.8#
43 0.0 24.6 37.0#



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





#3

Pvridine

Concen: 0.010 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.12 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

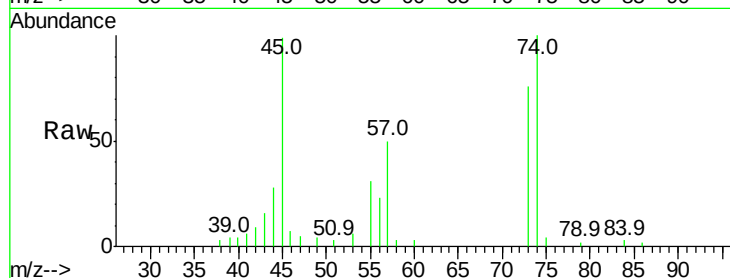
Tot Ion: 79 Resp: 116

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

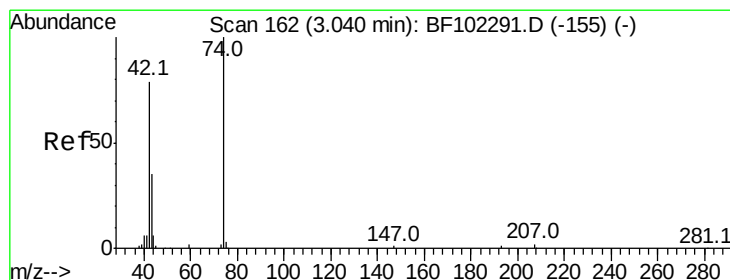
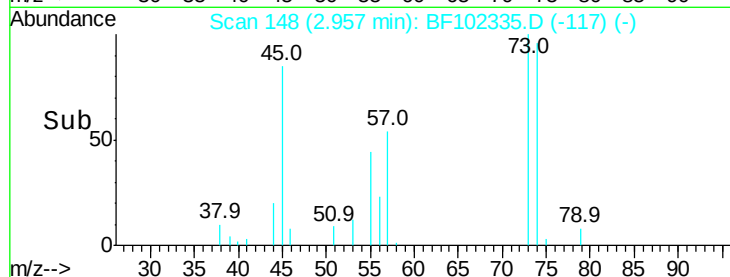
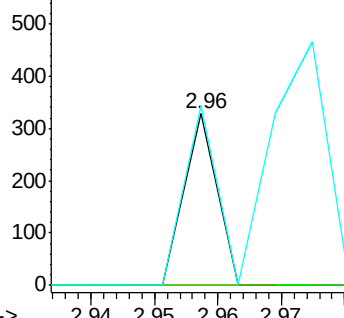
51 104.6 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.520 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

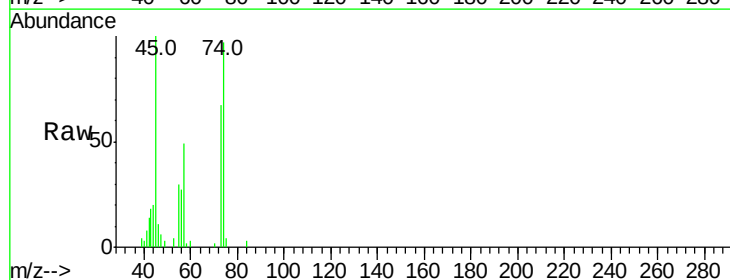
Tgt Ion: 42 Resp: 2278

Ion Ratio Lower Upper

42 100

74 678.4 104.9 157.3#

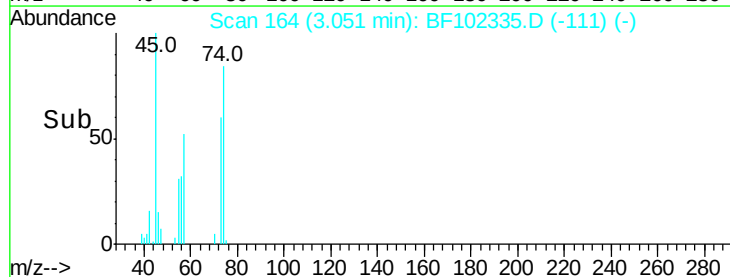
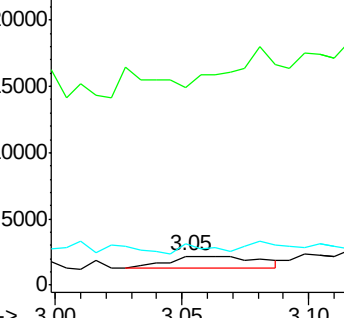
44 143.0 6.9 10.3#

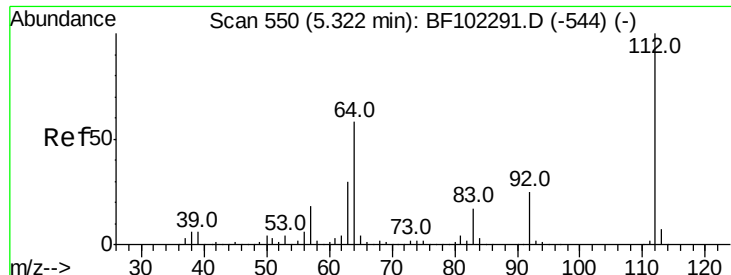


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

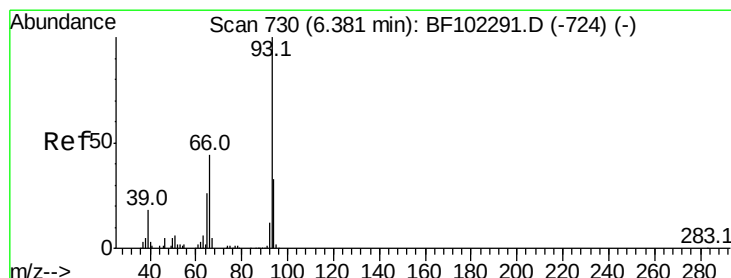
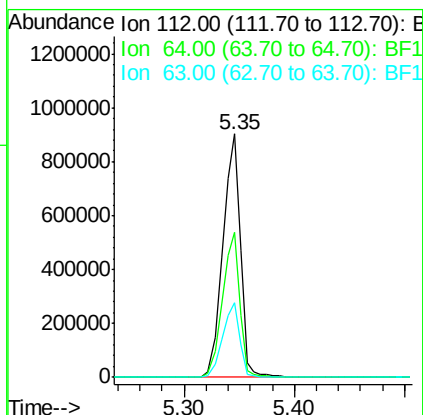
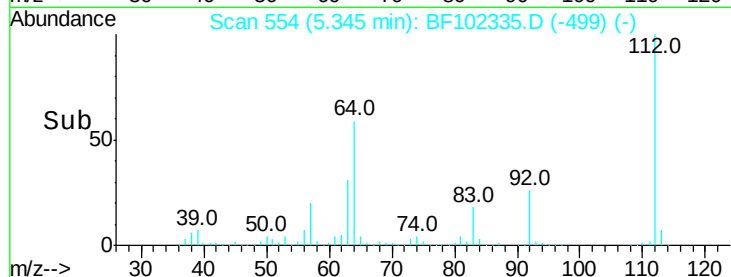
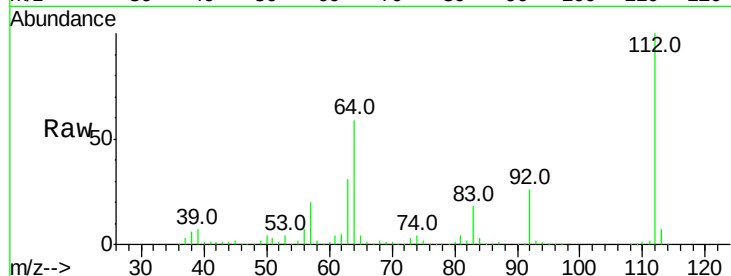




#5
 2-Fluorophenol
 Concen: 111.742 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

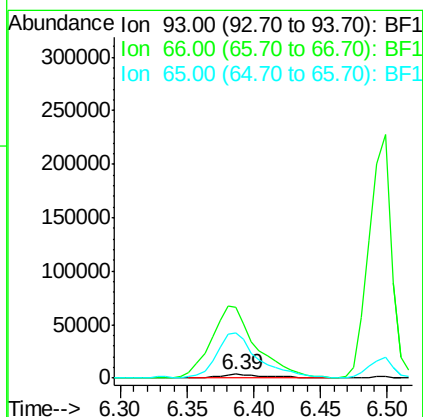
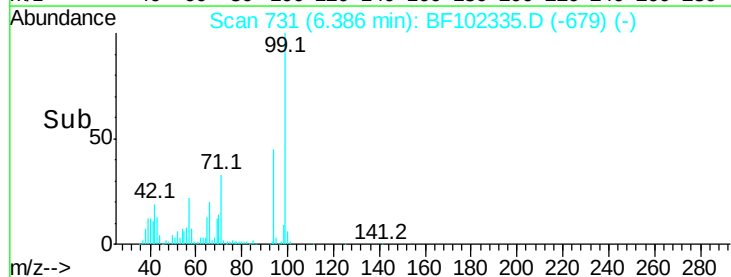
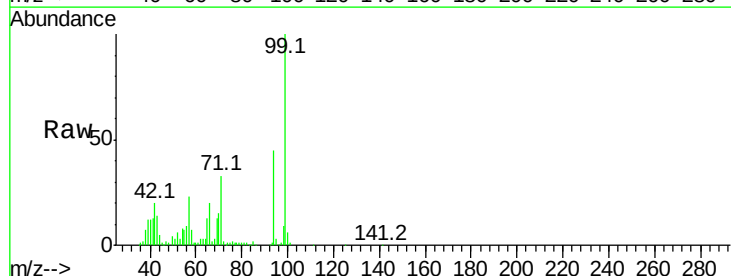
Instrument :
 BNA_F
 ClientSampleId :

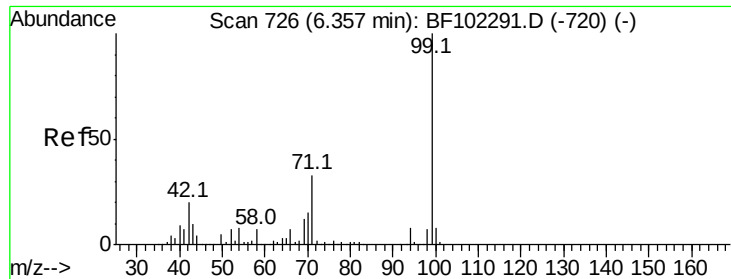
Tot Ion:112 Resp: 1005815
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 30.5 23.7 35.5



#6
 Aniline
 Concen: 0.640 ng
 RT: 6.39 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

Tgt Ion: 93 Resp: 9189
 Ion Ratio Lower Upper
 93 100
 66 1842.5 32.2 48.2#
 65 1169.2 16.4 24.6#





#7

Phenol-d6

Concen: 116.428 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

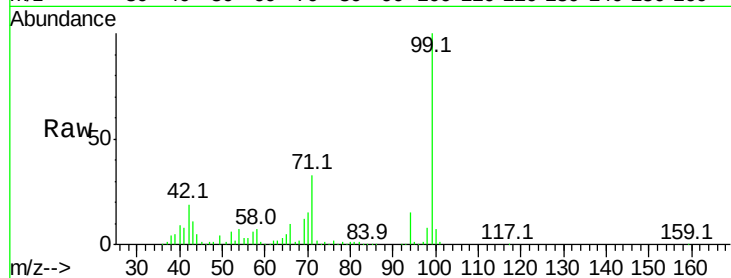
Tot Ion: 99 Resp: 1263454

Ion Ratio Lower Upper

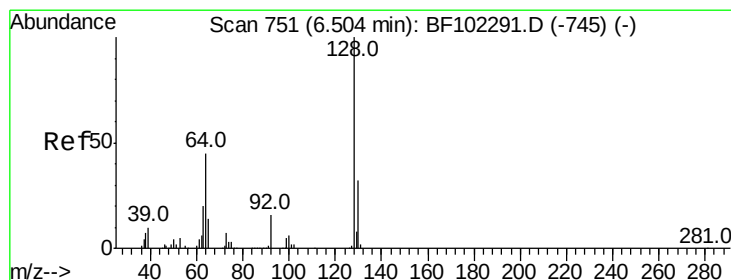
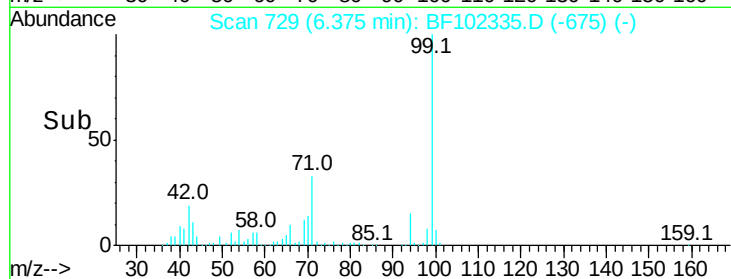
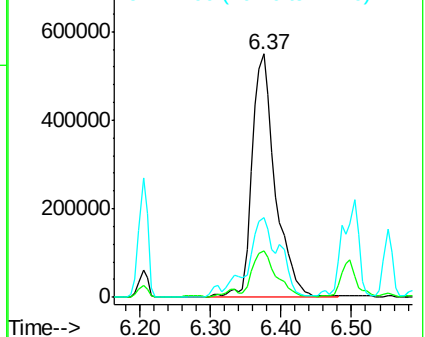
99 100

42 19.1 14.5 21.7

71 32.8 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: 0.189 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

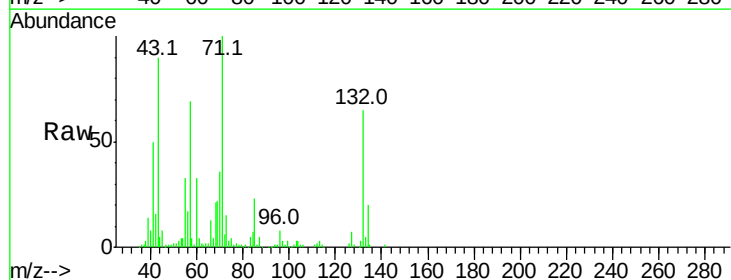
Tgt Ion:128 Resp: 1785

Ion Ratio Lower Upper

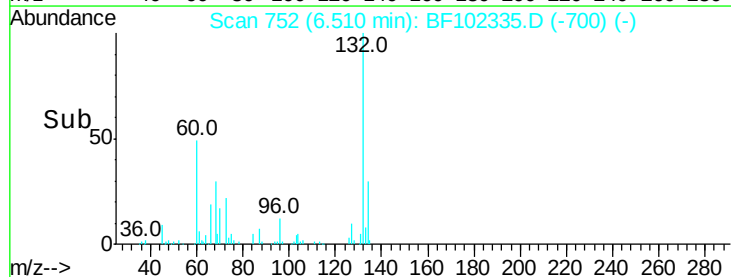
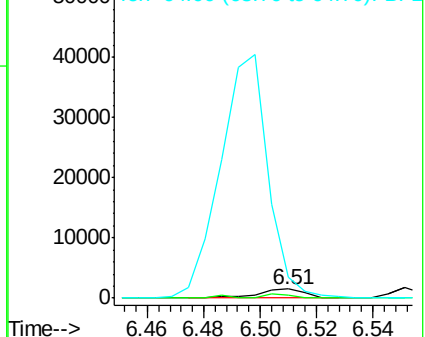
128 100

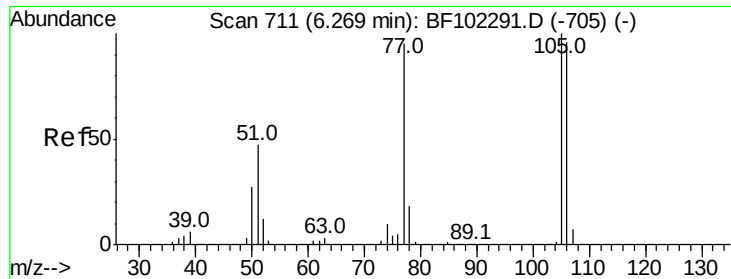
130 25.9 13.0 53.0

64 225.8 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

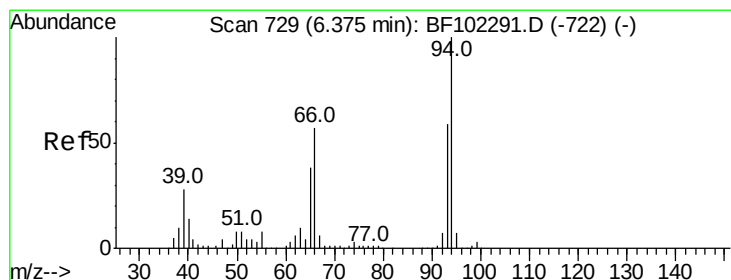
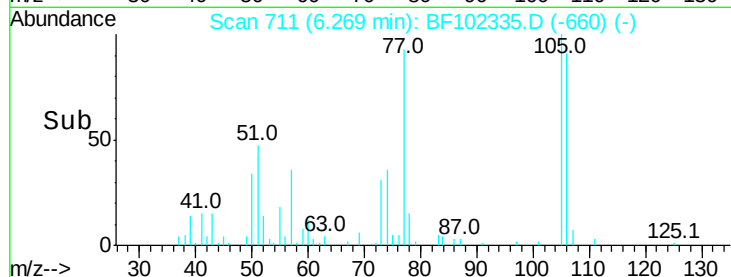
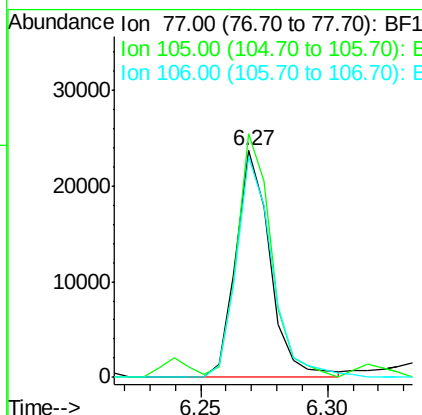
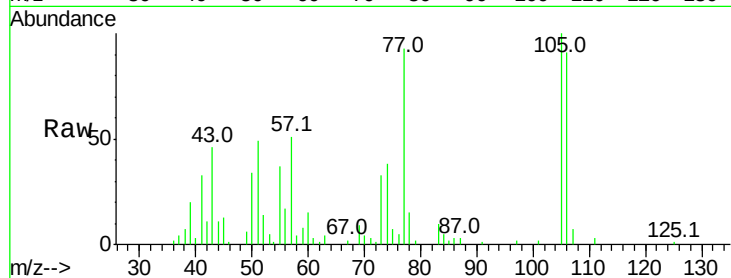




#9
Benzaldehyde
Concen: 2.955 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

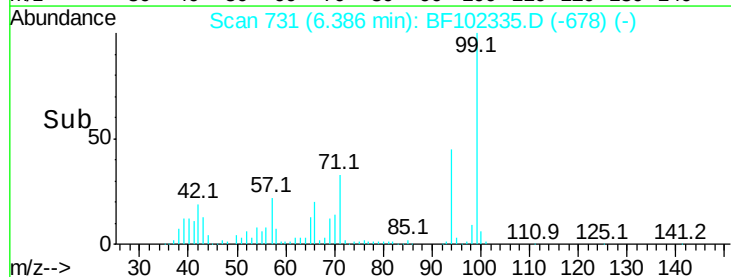
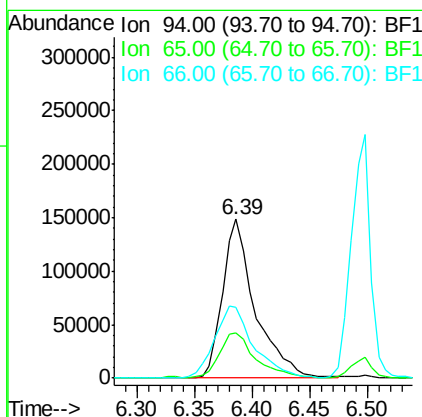
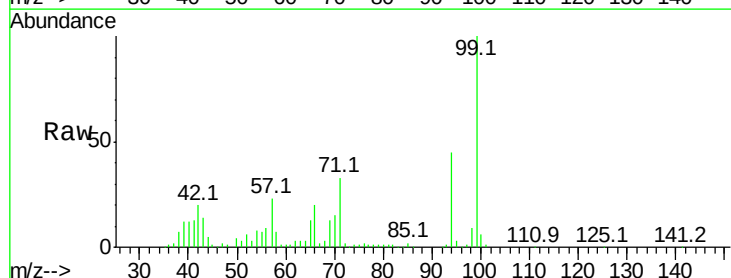
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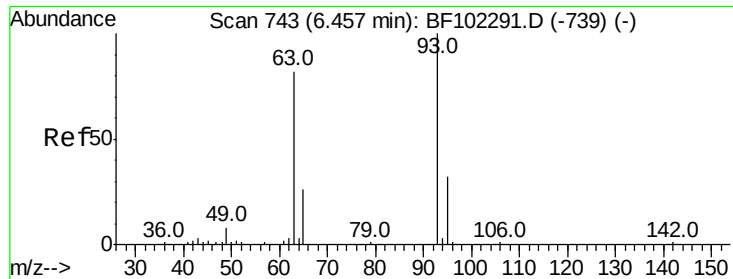
Tot Ion: 77 Resp: 22298
Ion Ratio Lower Upper
77 100
105 107.3 81.1 121.1
106 97.2 74.5 114.5



#10
Phenol
Concen: 24.641 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion: 94 Resp: 291923
Ion Ratio Lower Upper
94 100
65 28.4 7.9 47.9
66 44.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 0.264 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.04 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

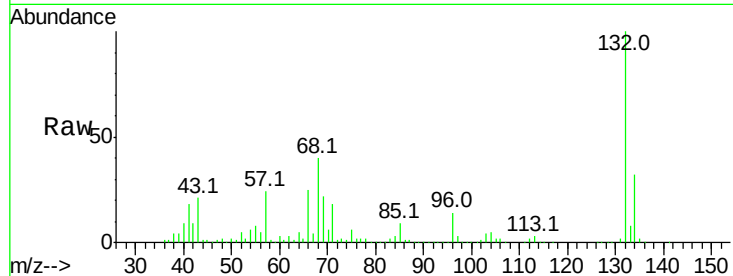
Tot Ion: 93 Resp: 2375

Ion Ratio Lower Upper

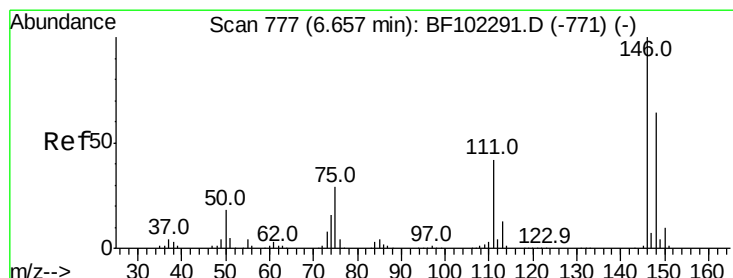
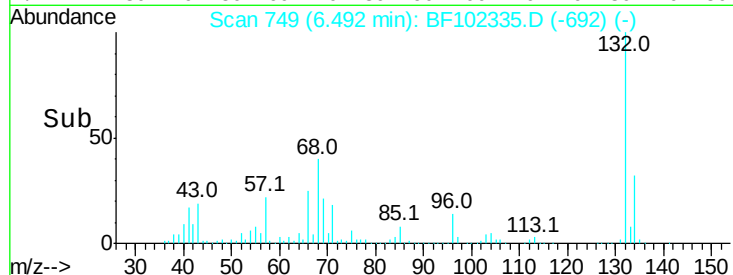
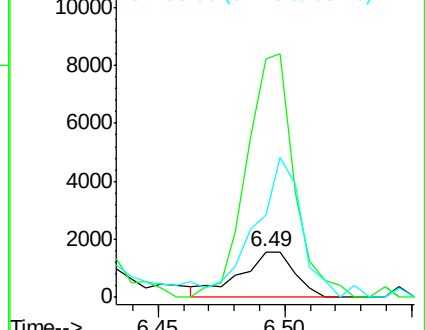
93 100

63 525.2 58.6 98.6#

95 180.5 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.012 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.22 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

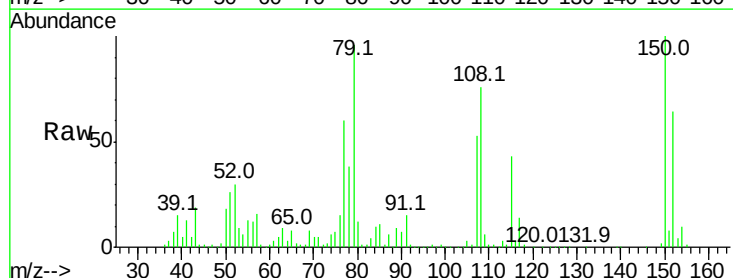
Tgt Ion:146 Resp: 139

Ion Ratio Lower Upper

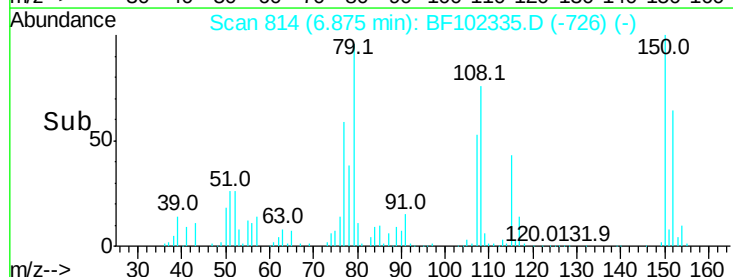
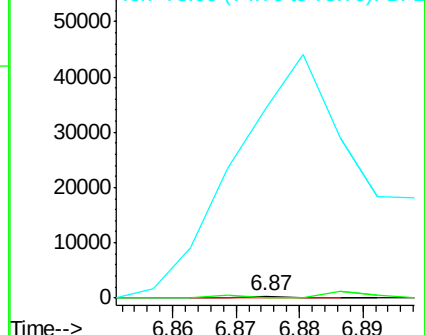
146 100

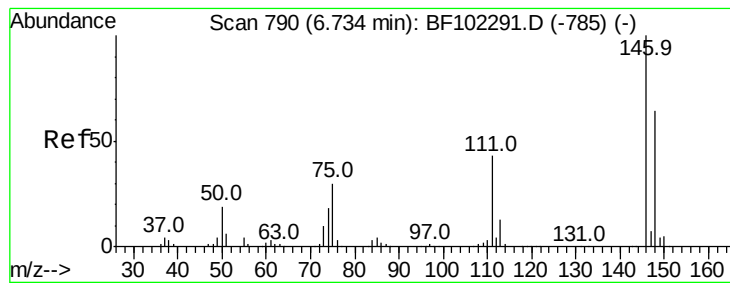
148 0.0 51.8 77.8#

75 8761.3 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: 0.012 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.14 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

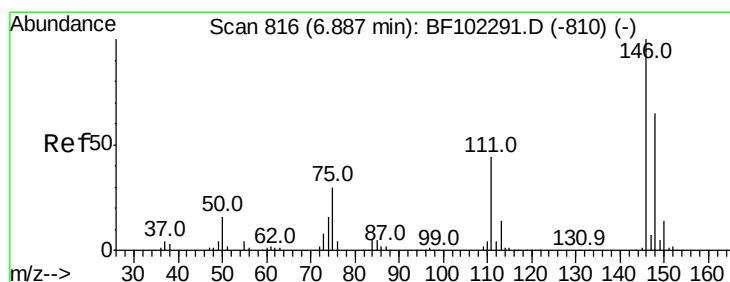
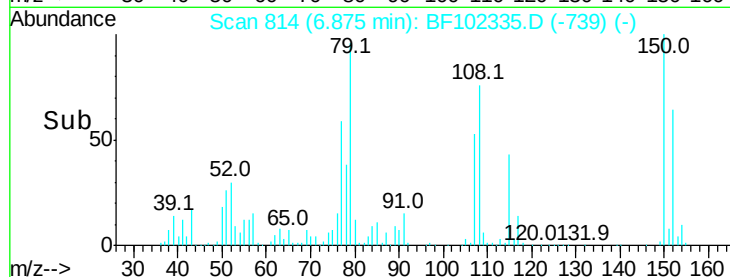
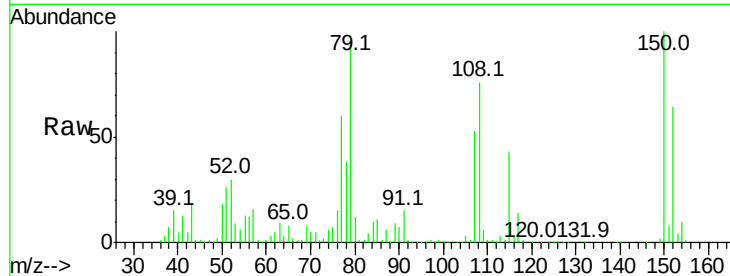
Tot Ion:146 Resp: 139

Ion Ratio Lower Upper

146 100

148 0.0 50.8 76.2#

111 1791.6 34.2 51.2#



#14

1,2-Dichlorobenzene

Concen: 0.014 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

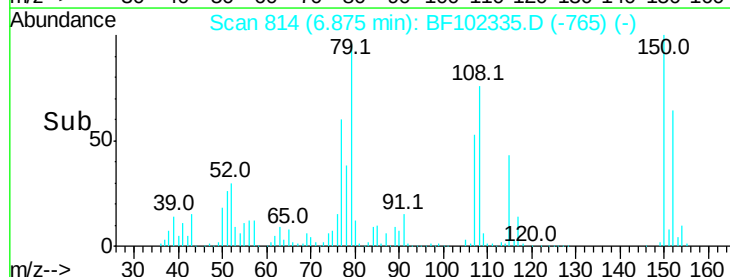
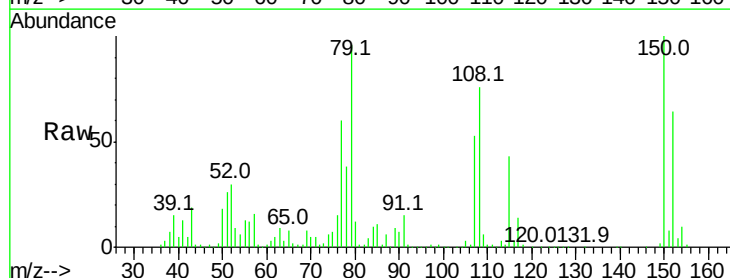
Tgt Ion:146 Resp: 139

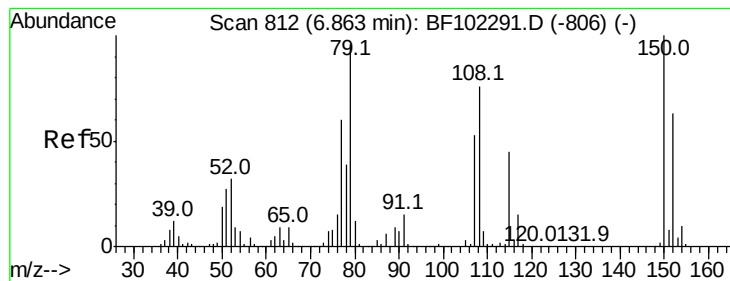
Ion Ratio Lower Upper

146 100

148 0.0 50.6 75.8#

111 1791.6 36.0 54.0#





#15

Benzyl Alcohol

Concen: 615.020 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.08 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampleId :

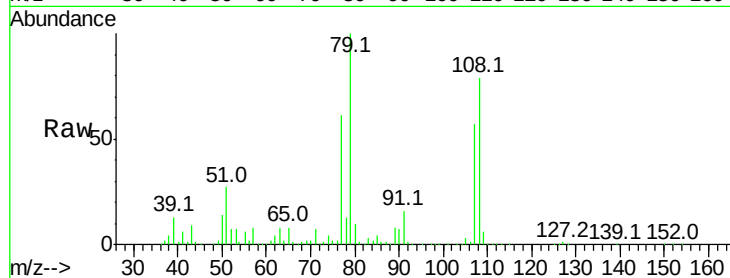
Tot Ion: 79 Resp: 4709009

Ion Ratio Lower Upper

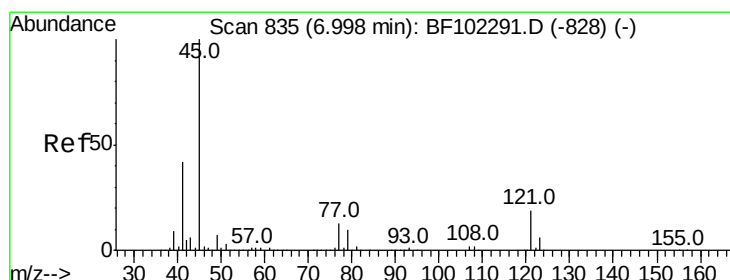
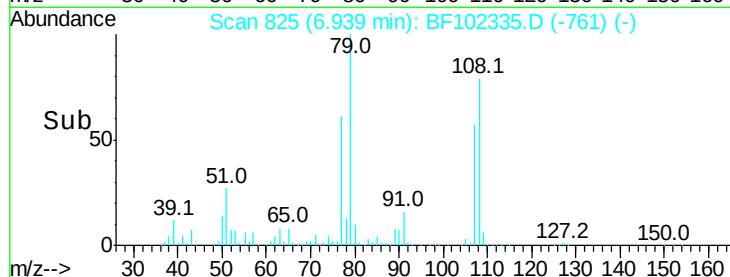
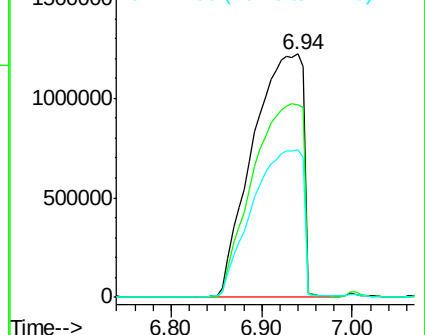
79 100

108 79.2 65.1 97.7

77 60.7 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: 0.604 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.17 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

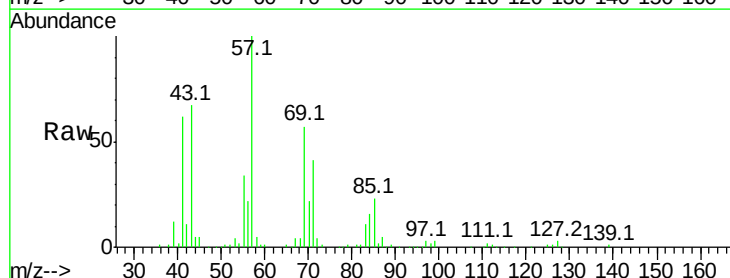
Tgt Ion: 45 Resp: 9127

Ion Ratio Lower Upper

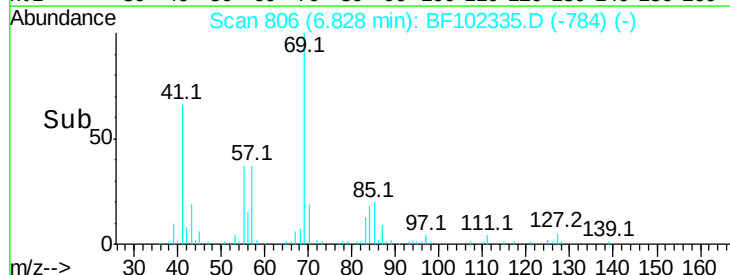
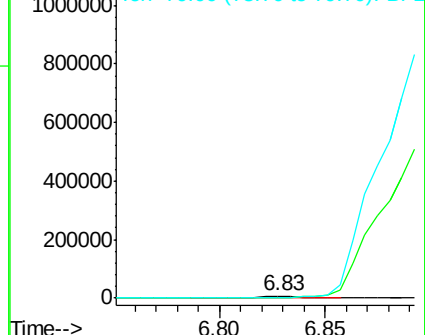
45 100

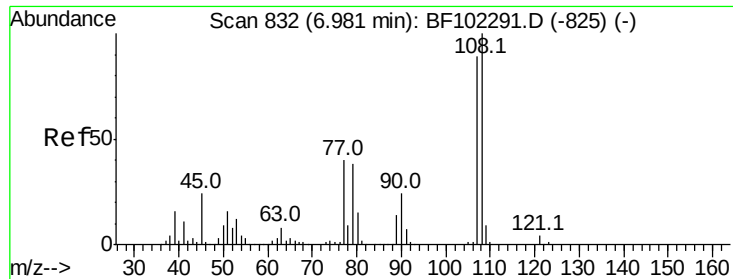
77 9.7 0.0 32.9

79 18.4 0.0 29.6



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





#17

2-Methylphenol

Concen: 323.163 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 2648237

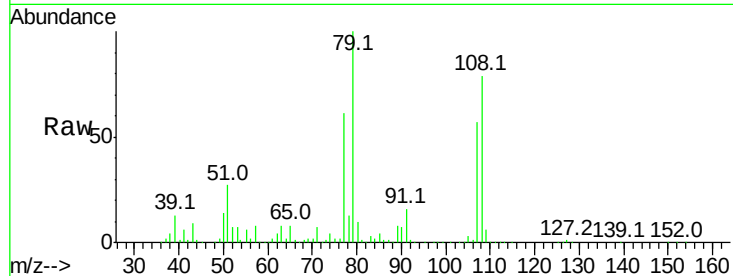
Ion Ratio Lower Upper

107 100

108 139.6 91.7 137.5#

77 107.0 33.8 50.8#

79 176.3 33.8 50.8#

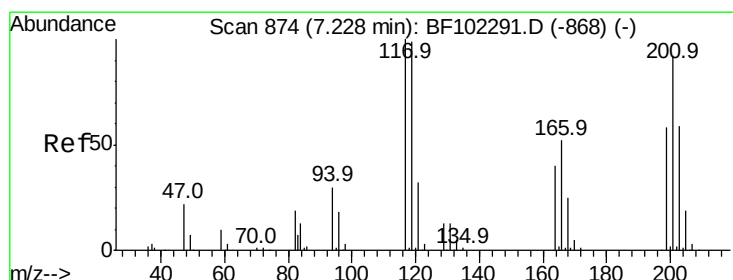
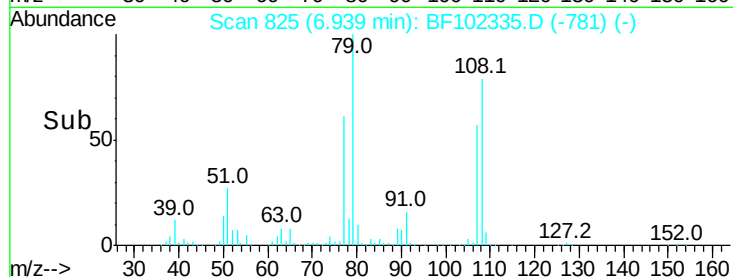
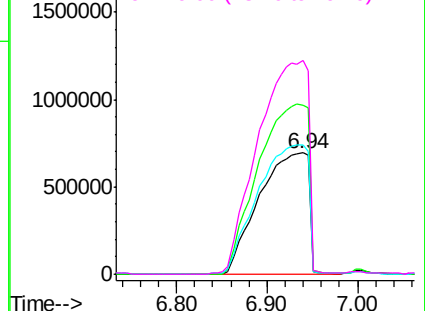


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.184 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.03 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

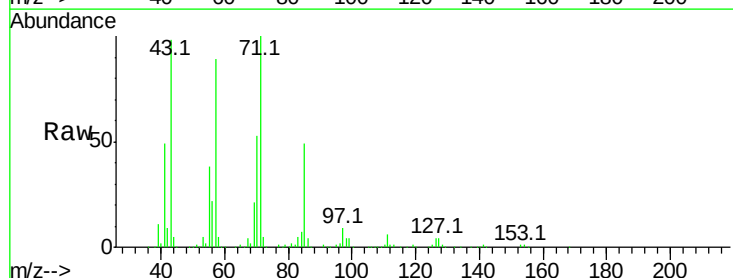
Tgt Ion:117 Resp: 719

Ion Ratio Lower Upper

117 100

119 391.4 75.8 113.8#

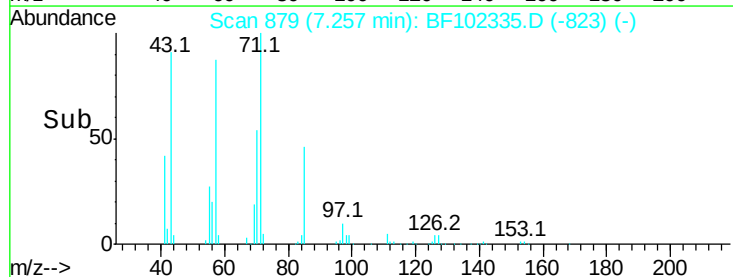
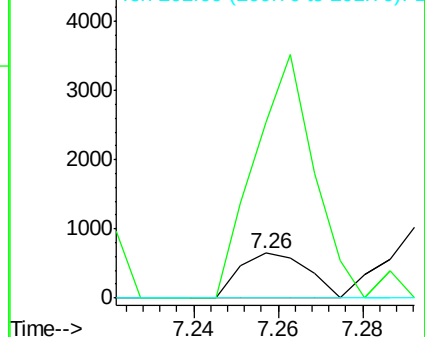
201 0.0 75.7 113.5#

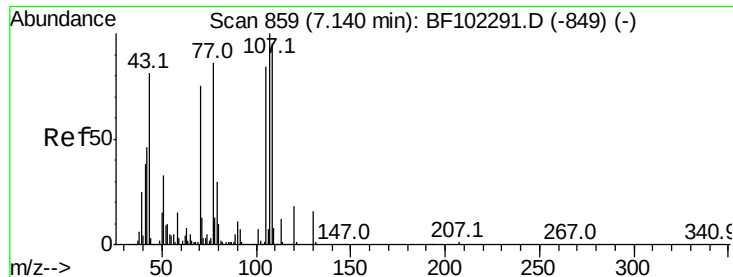


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

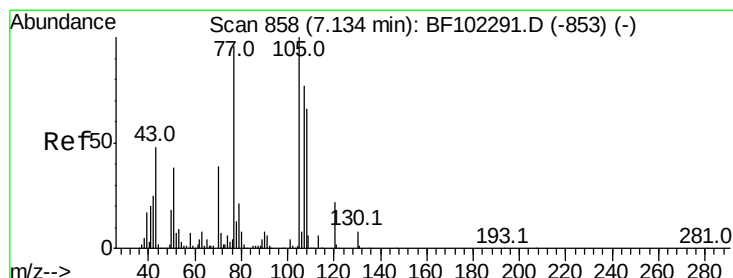
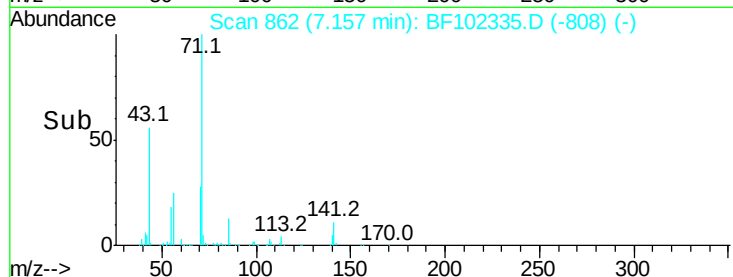
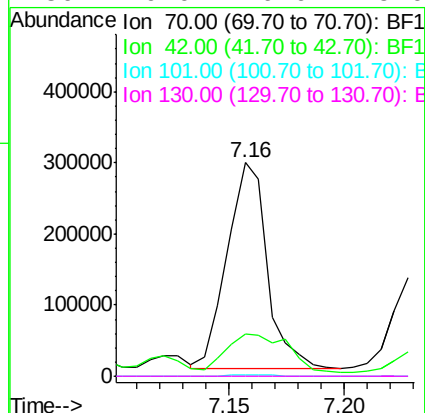
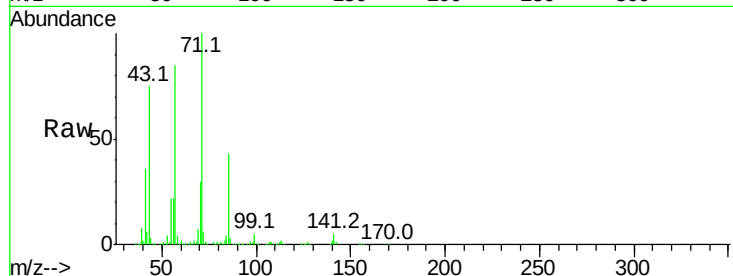




#19
n-Nitroso-di-n-propylamine
Concen: 52.386 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

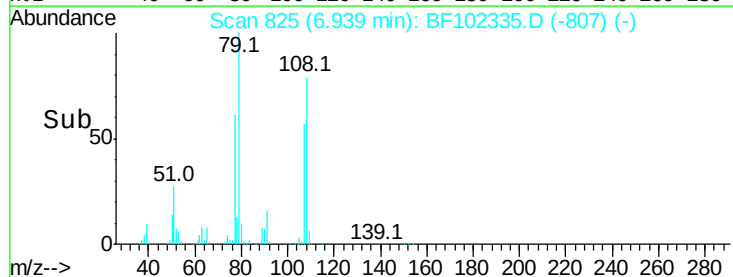
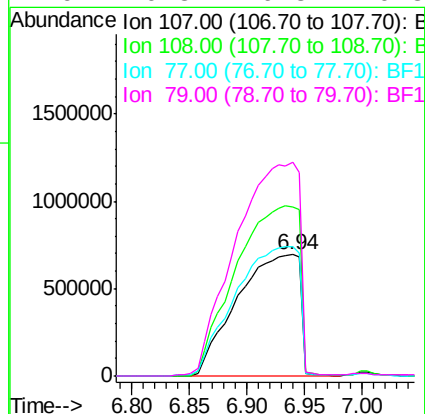
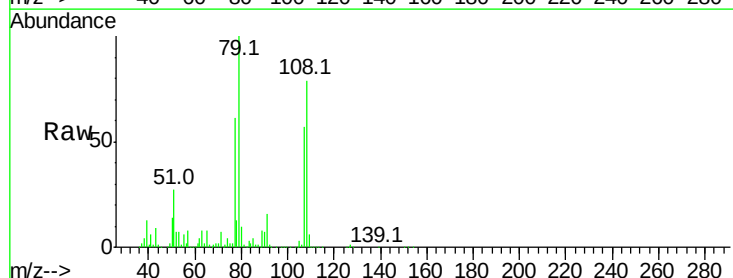
Instrument :
BNA_F
ClientSampleId :

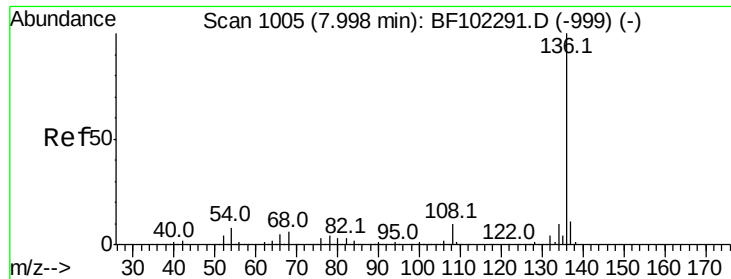
Tot Ion: 70 Resp: 347896
Ion Ratio Lower Upper
70 100
42 19.8 47.5 71.3#
101 0.4 7.4 11.2#
130 0.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 272.967 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.19 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion:107 Resp: 2630829
Ion Ratio Lower Upper
107 100
108 139.6 68.2 108.2#
77 107.0 26.7 66.7#
79 176.3 6.3 46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 558550

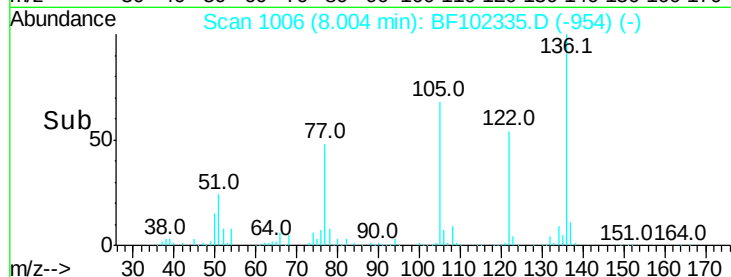
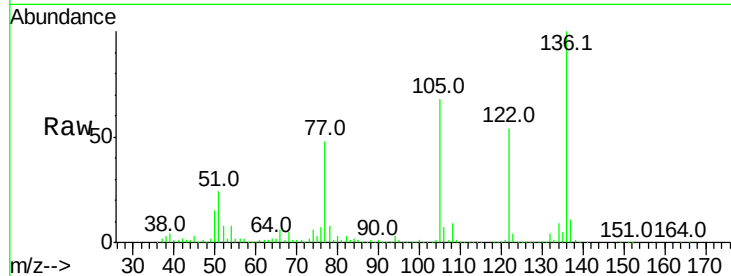
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 6.6 9.8

68 5.2 5.0 7.4

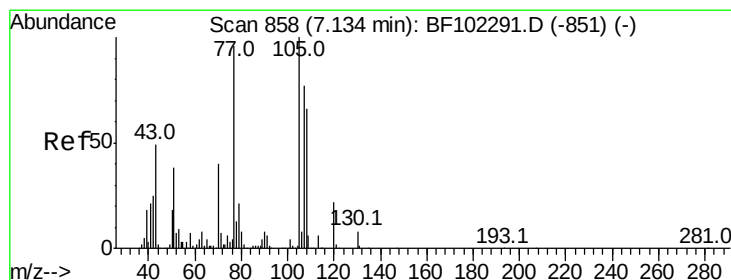
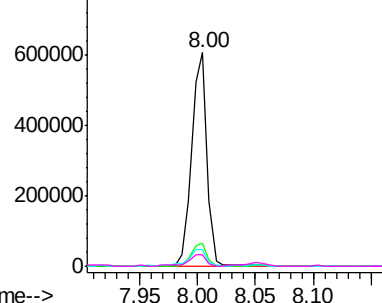


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.613 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Tgt Ion:105 Resp: 8164

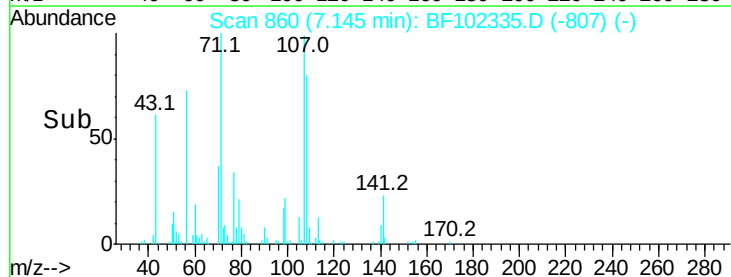
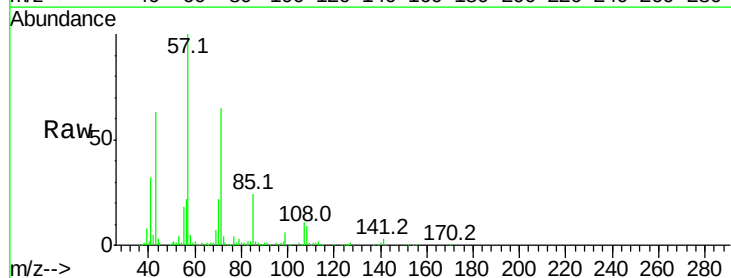
Ion Ratio Lower Upper

105 100

71 4619.1 4.4 6.6#

51 161.9 22.3 33.5#

120 18.4 16.9 25.3

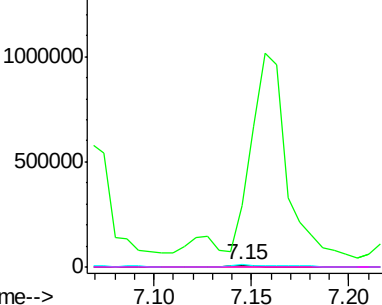


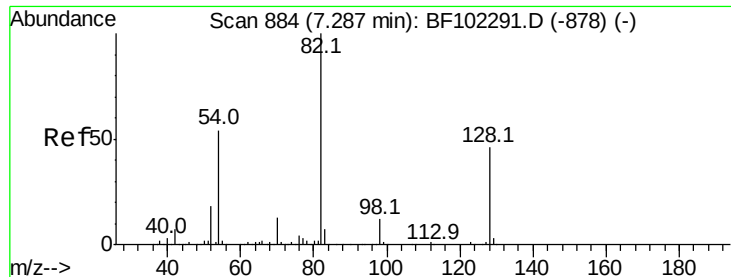
Abundance Ion 105.00 (104.70 to 105.70): E

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

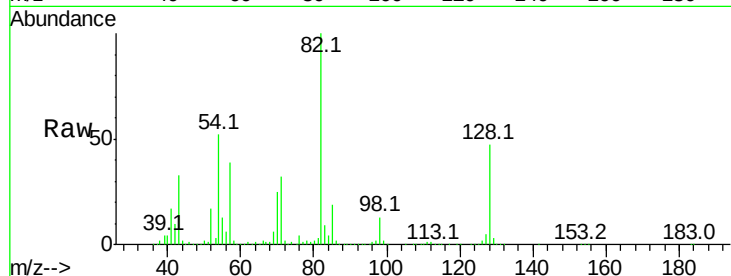




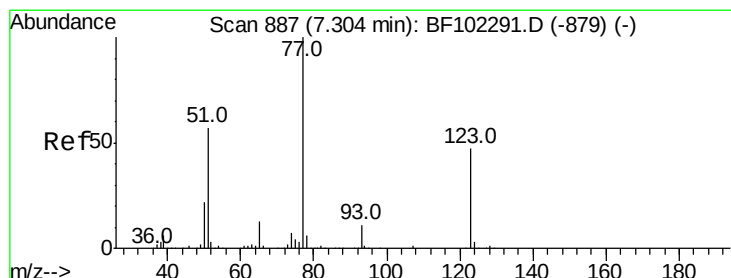
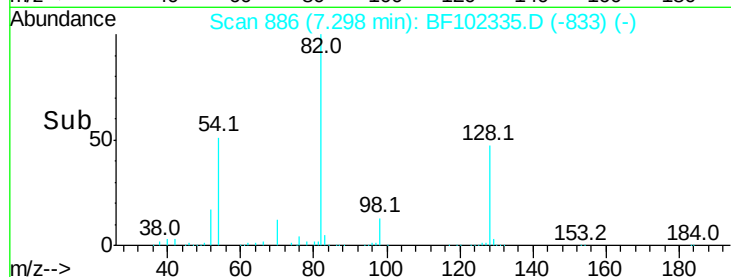
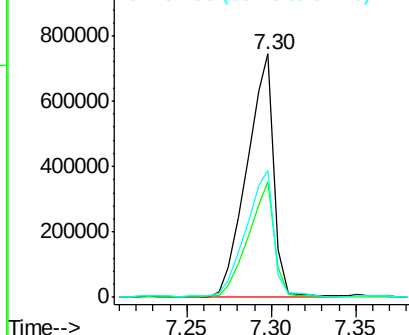
#23
Nitrobenzene-d5
Concen: 84.598 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 822247
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 52.2 41.4 62.2

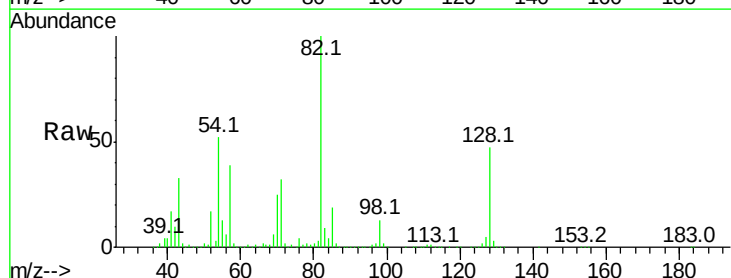


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

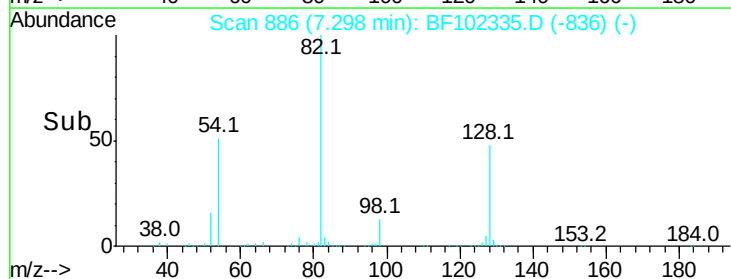
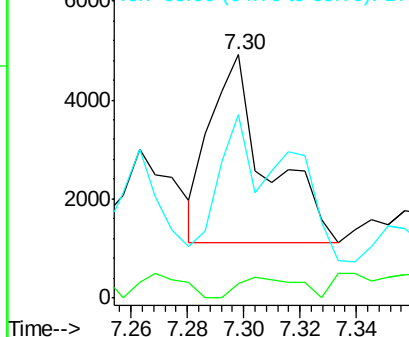


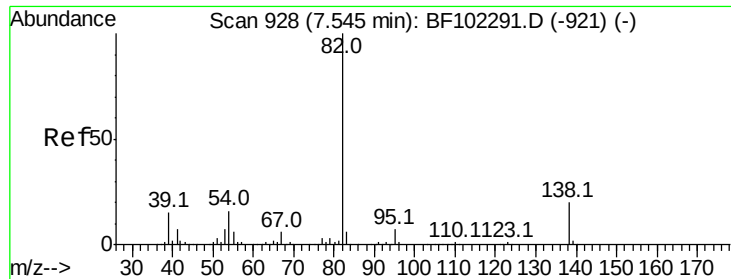
#24
Nitrobenzene
Concen: 0.532 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion: 77 Resp: 5292
Ion Ratio Lower Upper
77 100
123 6.2 37.9 56.9#
65 75.5 11.0 16.4#



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





#25

Isophorone

Concen: 1.623 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.07 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

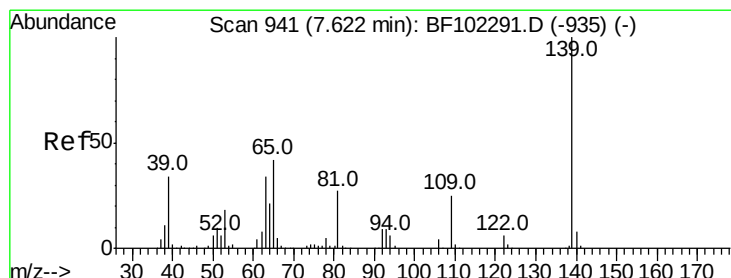
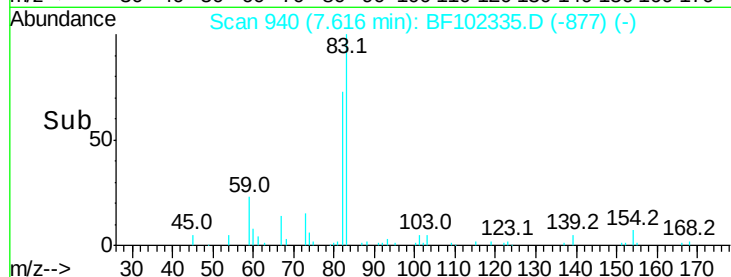
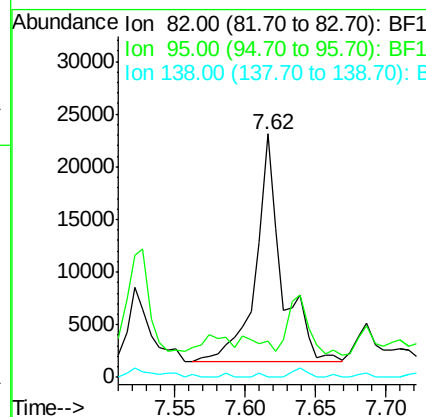
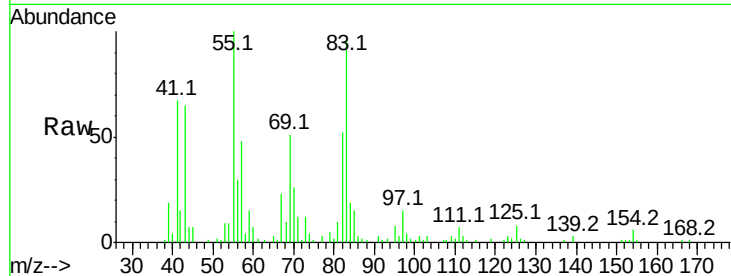
Tot Ion: 82 Resp: 28116

Ion Ratio Lower Upper

82 100

95 14.7 5.2 7.8#

138 0.0 14.9 22.3#



#26

2-Nitrophenol

Concen: 0.297 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

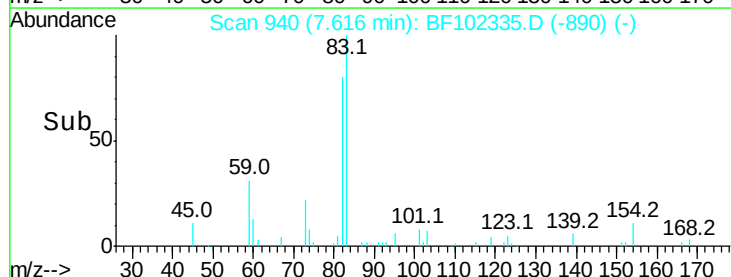
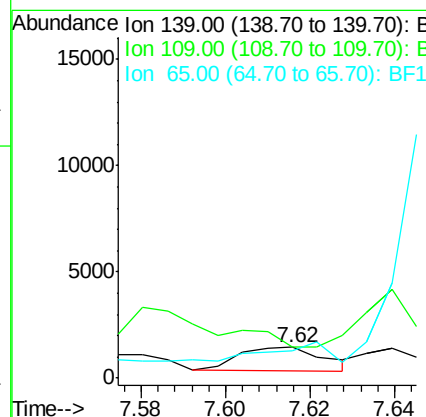
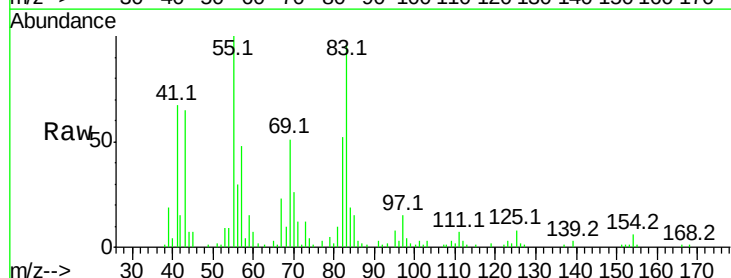
Tgt Ion: 139 Resp: 1554

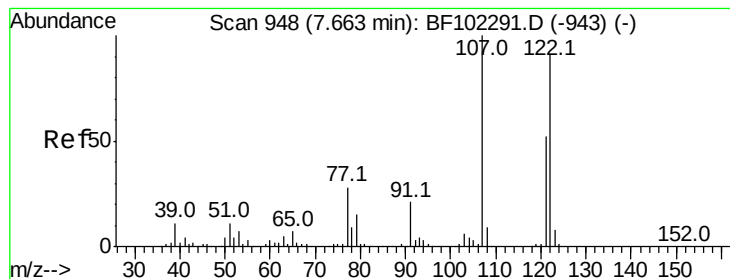
Ion Ratio Lower Upper

139 100

109 99.8 22.7 34.1#

65 88.9 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 23.311 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.14 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampleId :

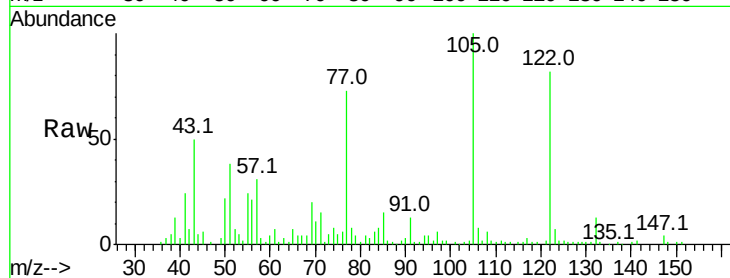
Tot Ion:122 Resp: 177199

Ion Ratio Lower Upper

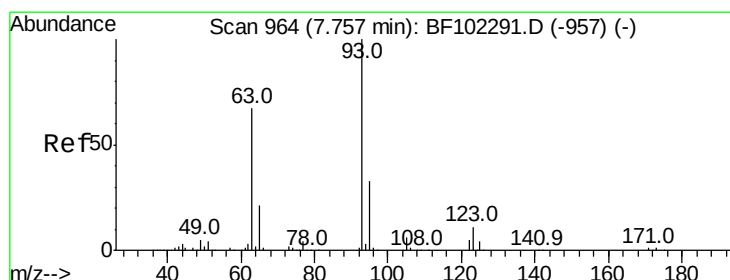
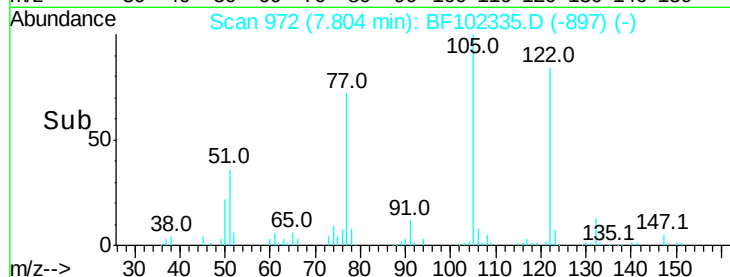
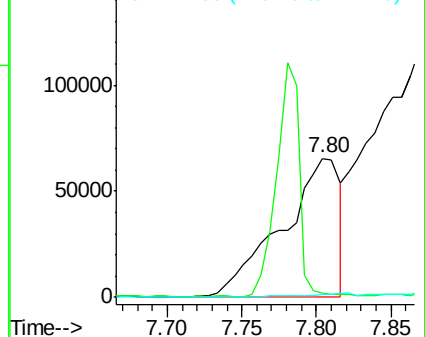
122 100

107 2.8 91.2 136.8#

121 2.0 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: 0.371 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

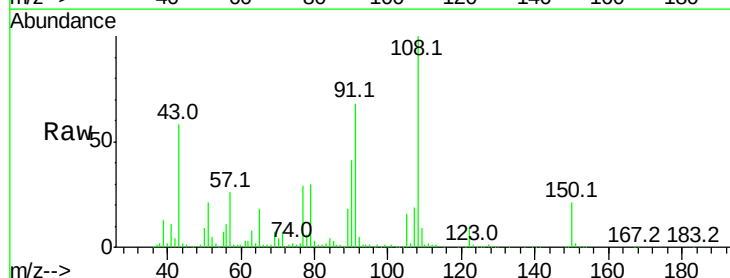
Tgt Ion: 93 Resp: 3974

Ion Ratio Lower Upper

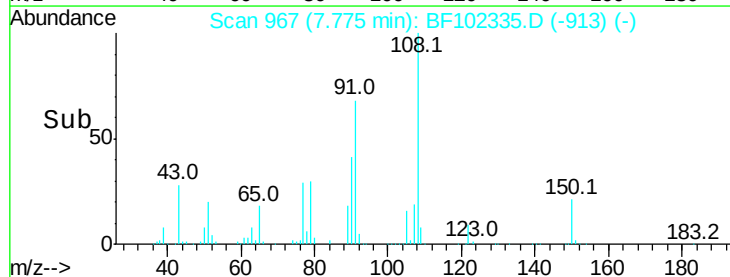
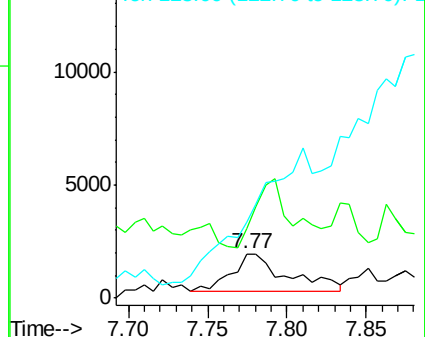
93 100

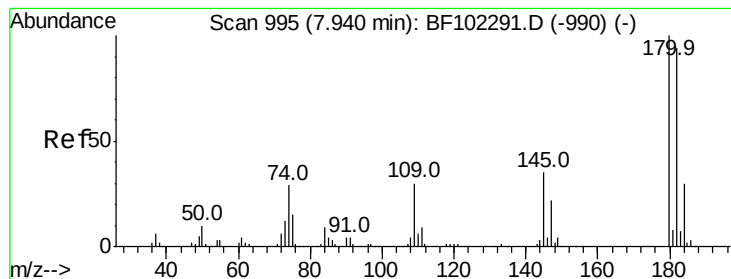
95 157.6 26.3 39.5#

123 172.7 9.8 14.6#



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





#30

1,2,4-Trichlorobenzene

Concen: 0.020 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.26 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

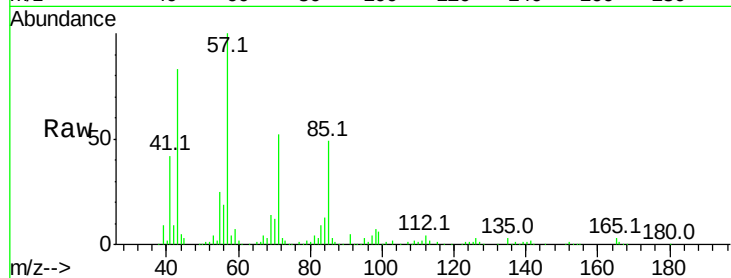
Tot Ion:180 Resp: 163

Ion Ratio Lower Upper

180 100

182 0.0 76.8 115.2#

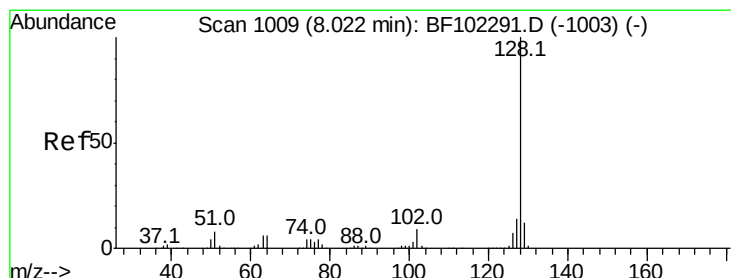
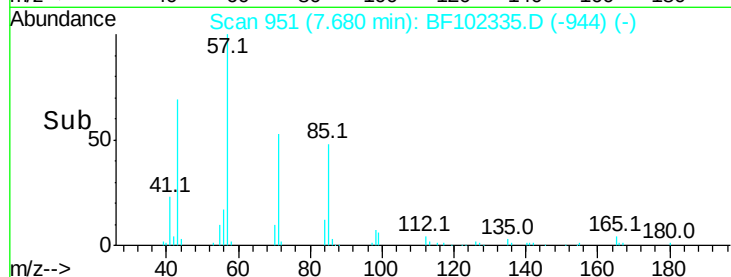
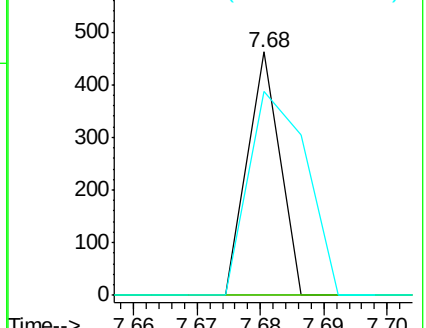
145 83.5 26.5 39.7#



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: 1.177 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

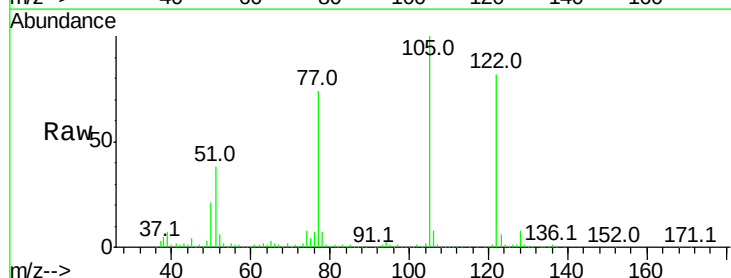
Tgt Ion:128 Resp: 32831

Ion Ratio Lower Upper

128 100

129 12.7 8.8 13.2

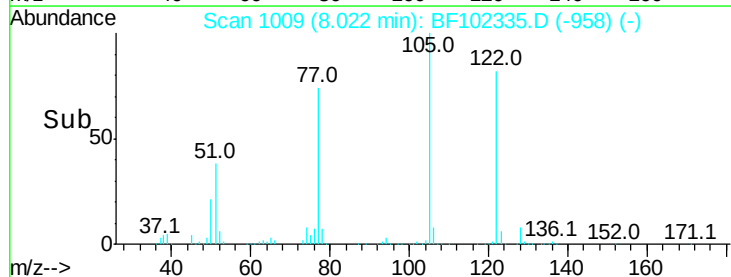
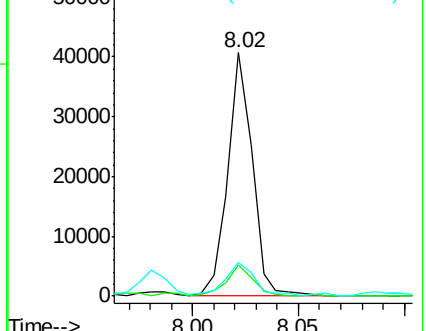
127 13.7 10.9 16.3

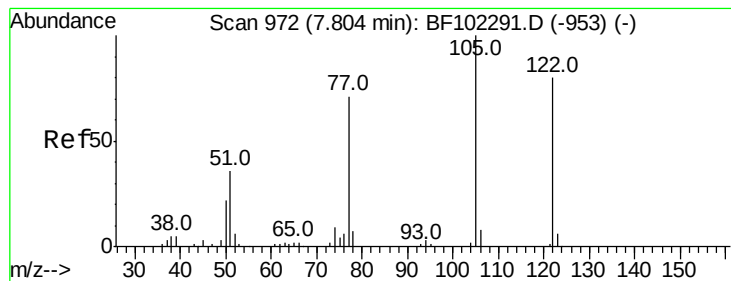


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 27.823 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

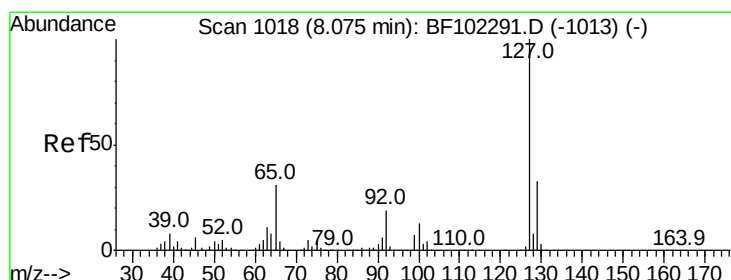
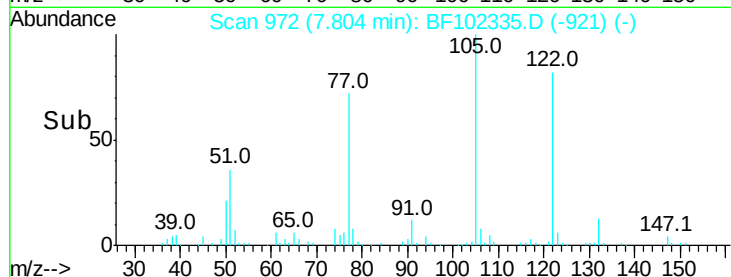
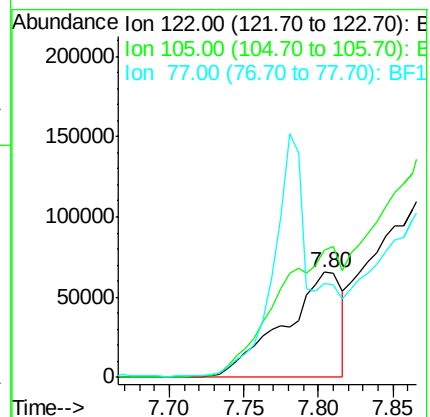
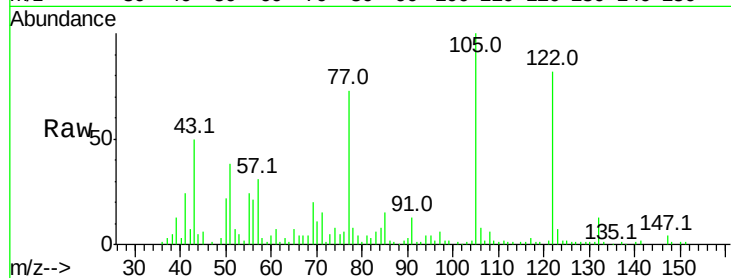
Tot Ion:122 Resp: 177199

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

77 89.0 70.7 110.7



#33

4-Chloroaniline

Concen: 0.071 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Tgt Ion:127 Resp: 834

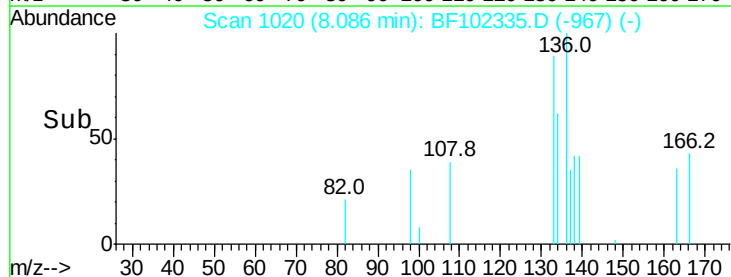
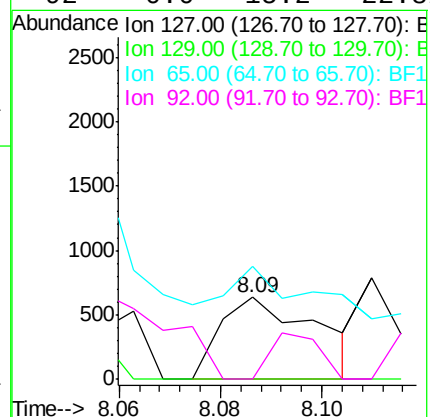
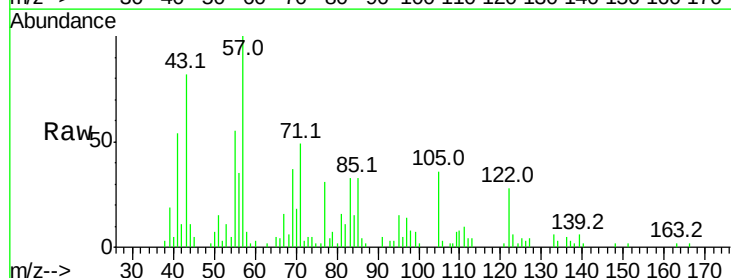
Ion Ratio Lower Upper

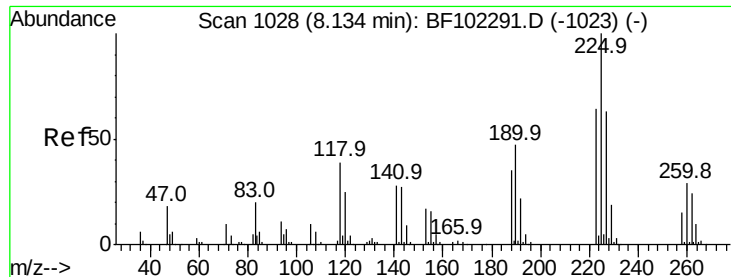
127 100

129 0.0 25.9 38.9#

65 137.6 25.0 37.4#

92 0.0 15.2 22.8#





#34

Hexachlorobutadiene

Concen: 0.038 ng

RT: 8.35 min Scan# 1065

Delta R.T. 0.22 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

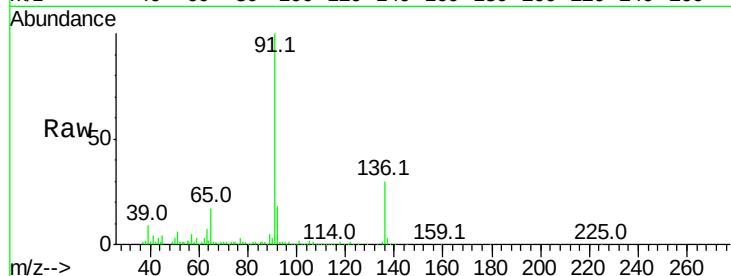
Tot Ion:225 Resp: 170

Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

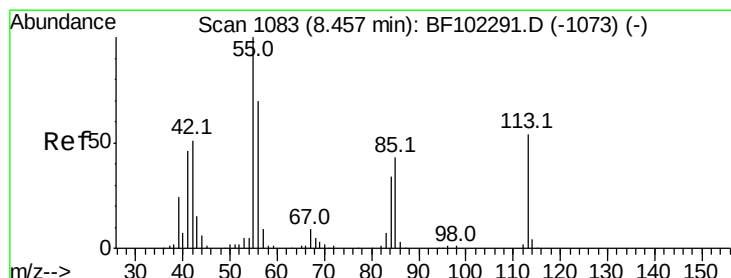
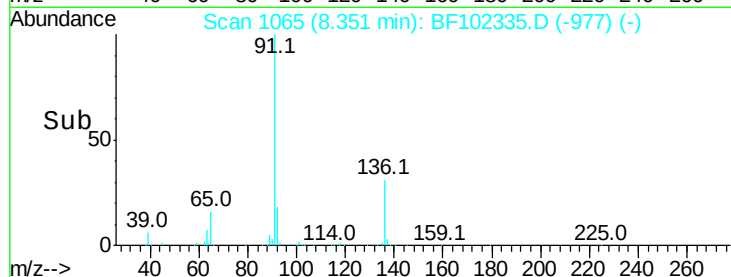
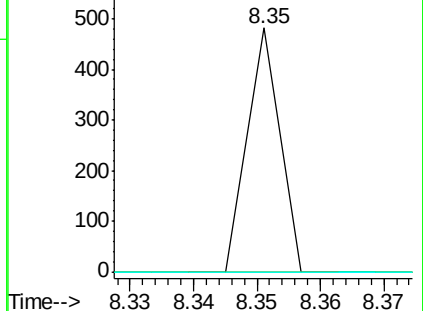
227 0.0 51.9 77.9#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.292 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

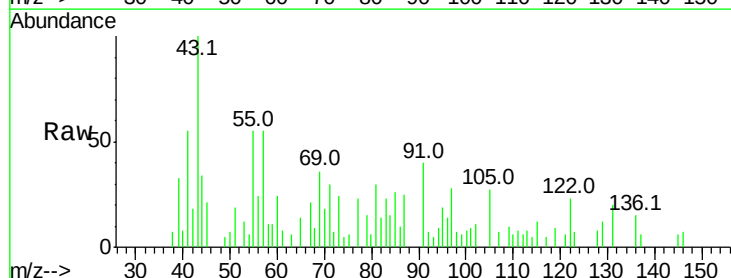
Tgt Ion:113 Resp: 747

Ion Ratio Lower Upper

113 100

55 654.6 163.3 203.3#

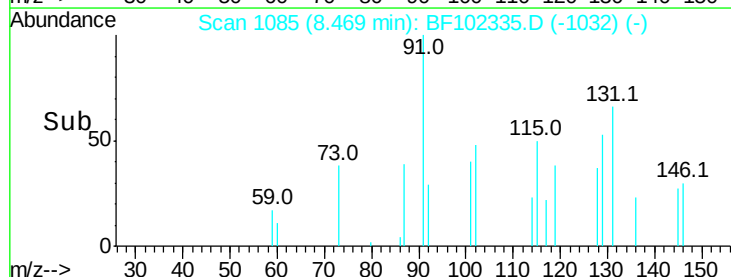
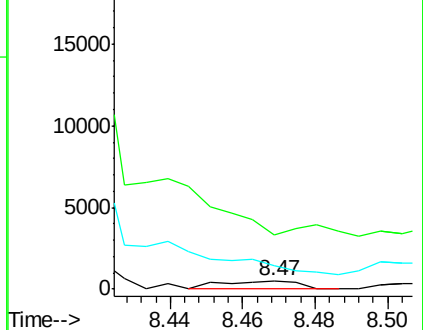
56 285.7 115.7 155.7#

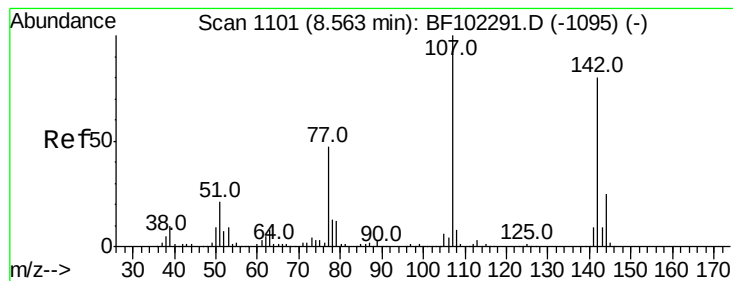


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#36

4-Chloro-3-methylphenol

Concen: 3.512 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.02 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

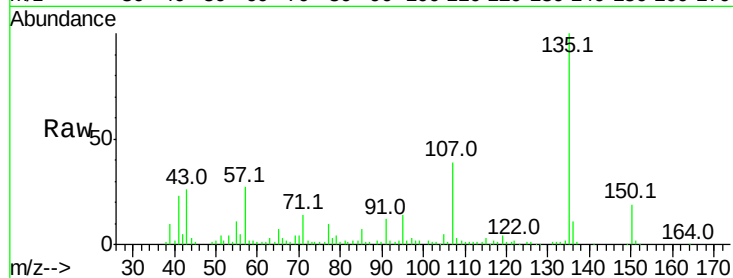
Tot Ion:107 Resp: 28662

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

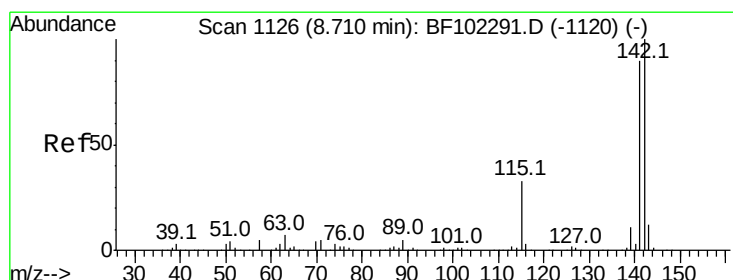
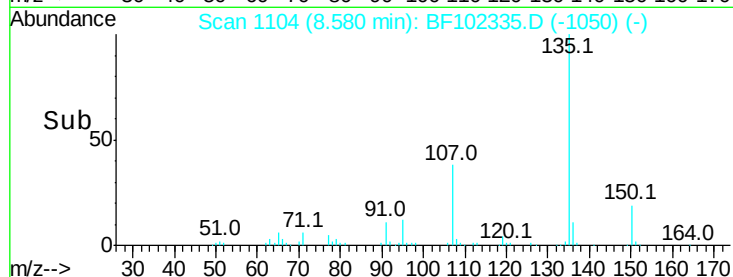
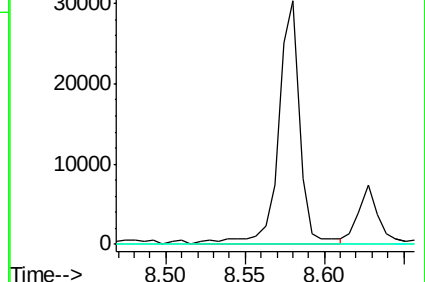
142 0.0 62.0 93.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 0.219 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.10 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

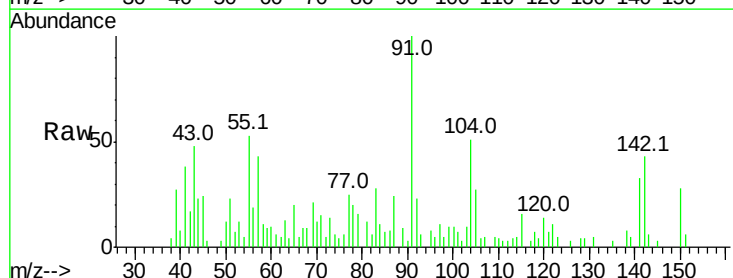
Tgt Ion:142 Resp: 4068

Ion Ratio Lower Upper

142 100

141 77.8 70.8 106.2

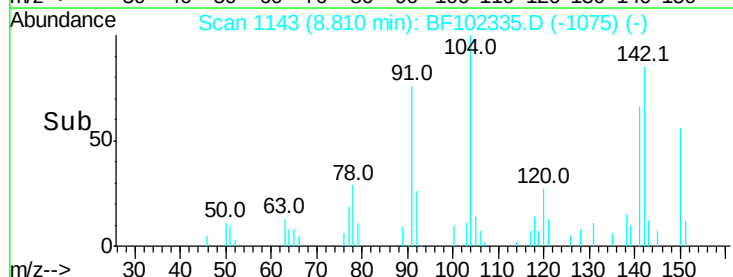
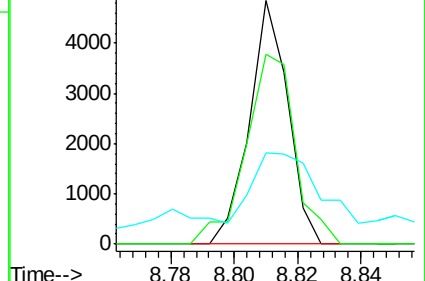
115 37.3 26.1 39.1

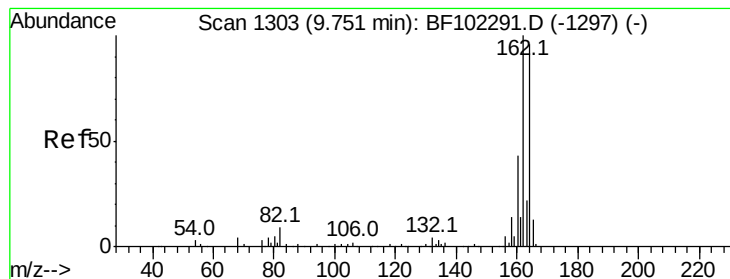


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

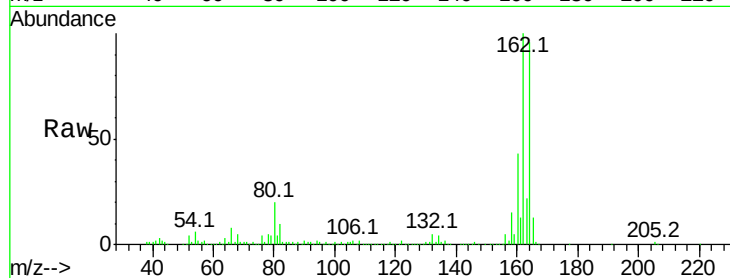
Tot Ion:164 Resp: 283918

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

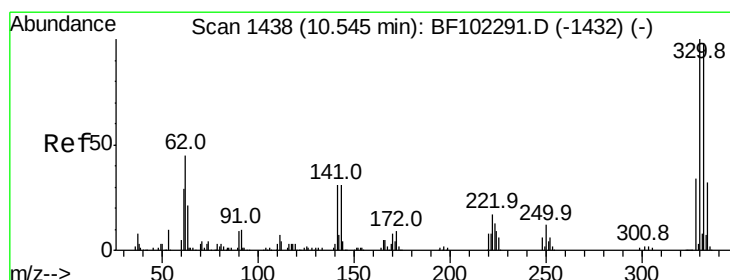
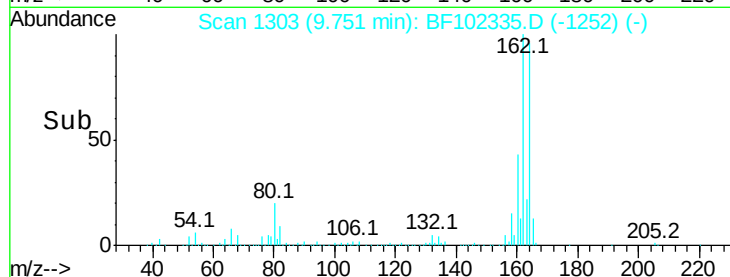
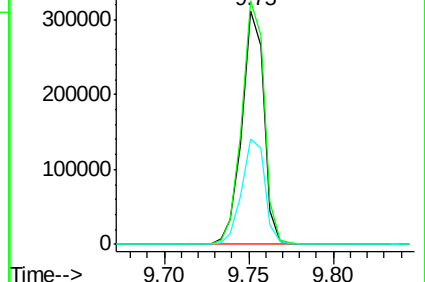
160 44.9 38.3 57.5



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: 115.065 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

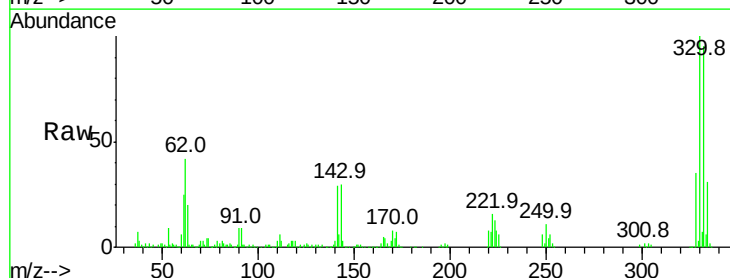
Tgt Ion:330 Resp: 323704

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

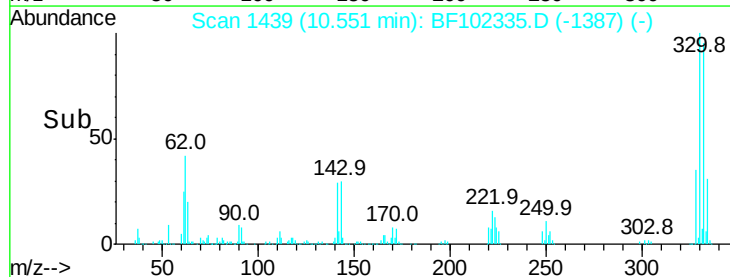
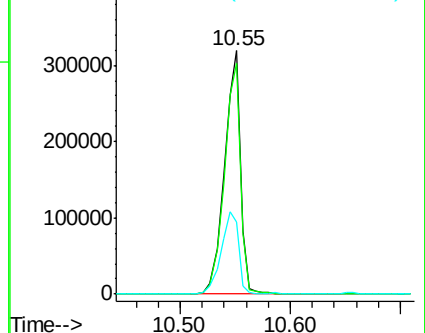
141 36.3 29.9 44.9

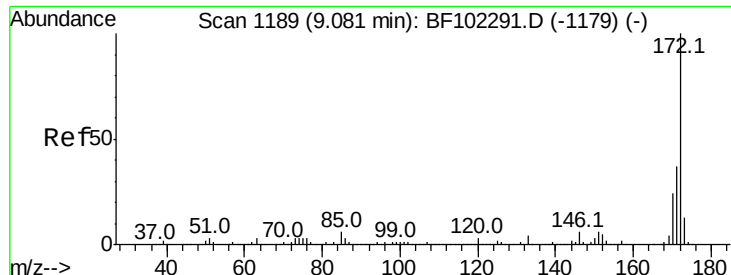


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



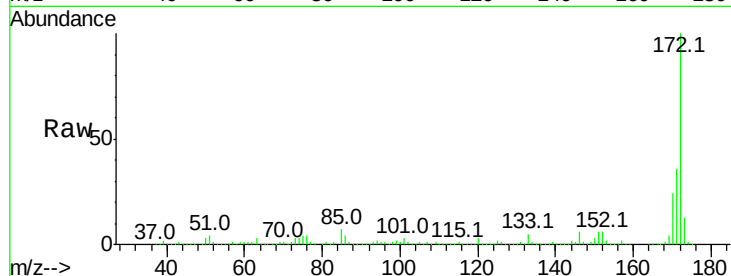


#44
 2-Fluorobiphenyl
 Concen: 78.098 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

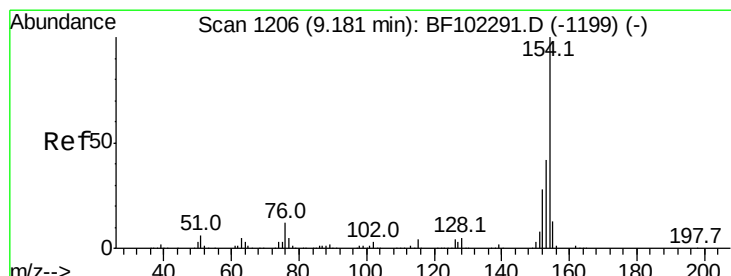
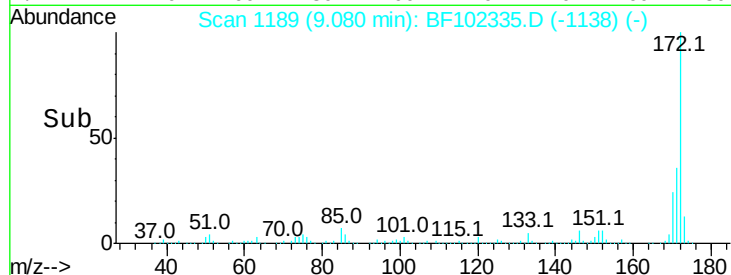
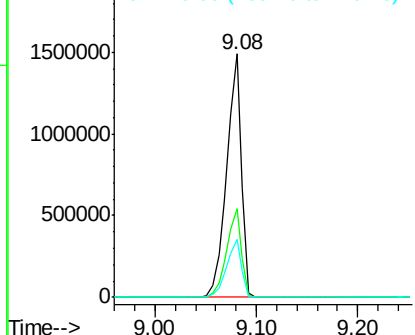
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1508038

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



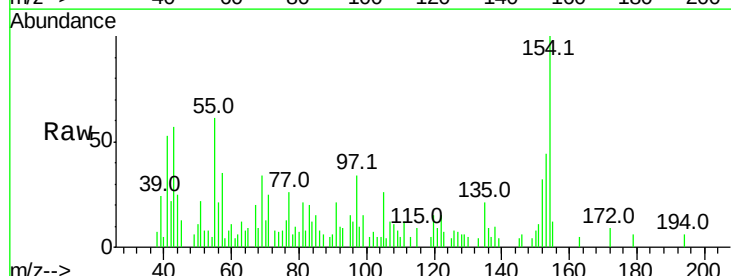
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



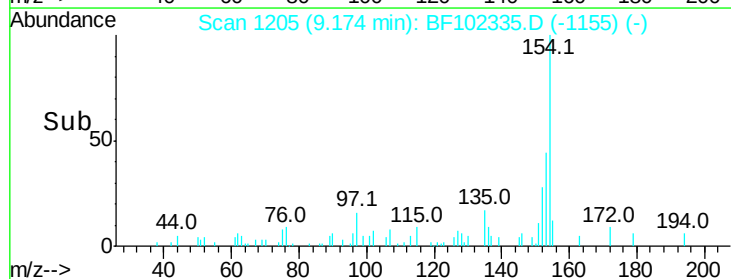
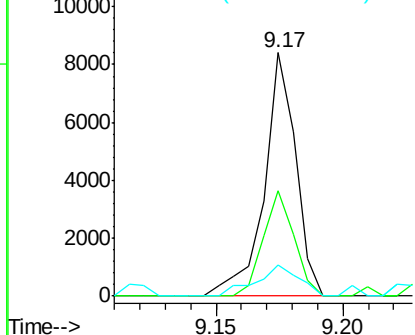
#45
 1,1'-Biphenyl
 Concen: 0.289 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

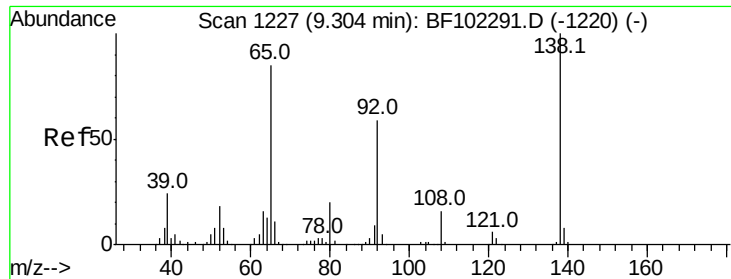
Tgt Ion:154 Resp: 7325

Ion	Ratio	Lower	Upper
154	100		
153	43.5	21.3	61.3
76	12.8	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





#47

2-Nitroaniline

Concen: 0.054 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampled :

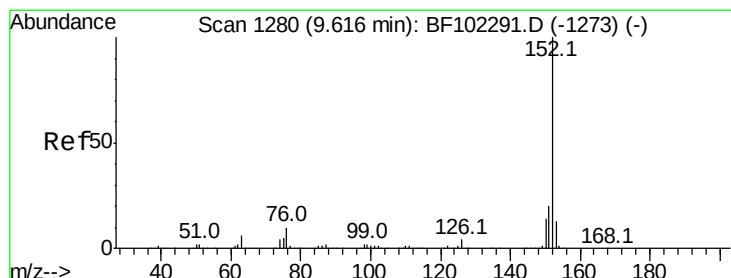
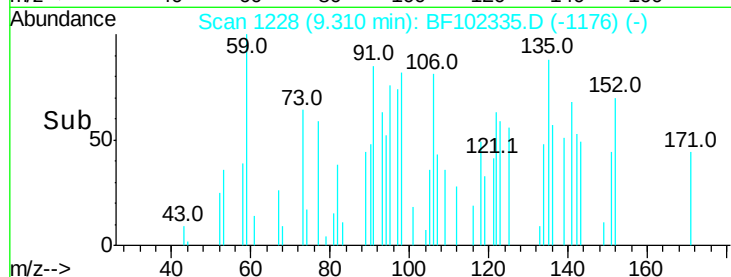
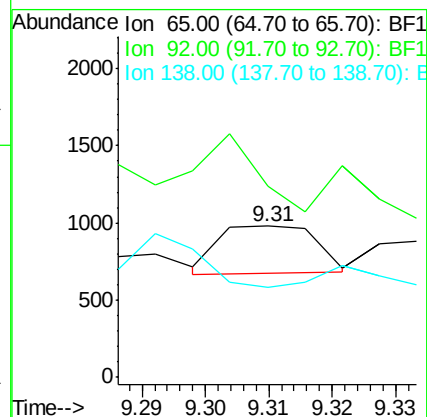
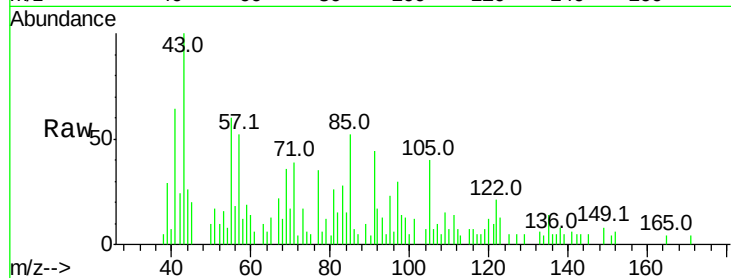
Tot Ion: 65 Resp: 333

Ion Ratio Lower Upper

65 100

92 127.0 55.8 83.6#

138 59.4 91.2 136.8#



#48

Acenaphthylene

Concen: 0.082 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

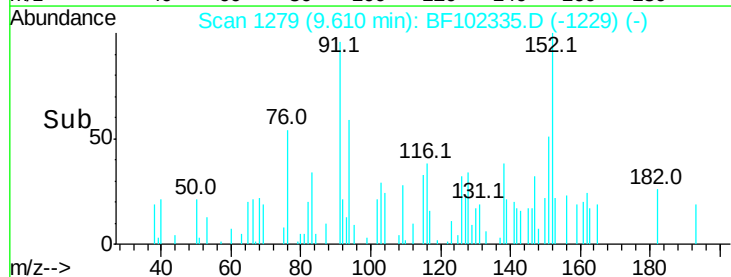
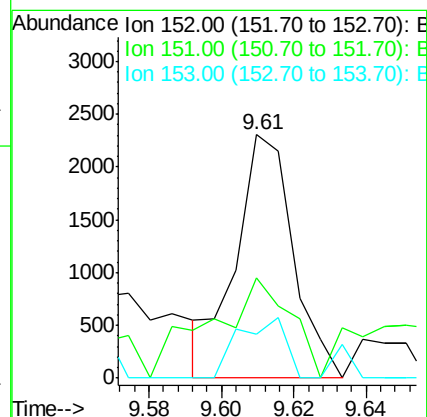
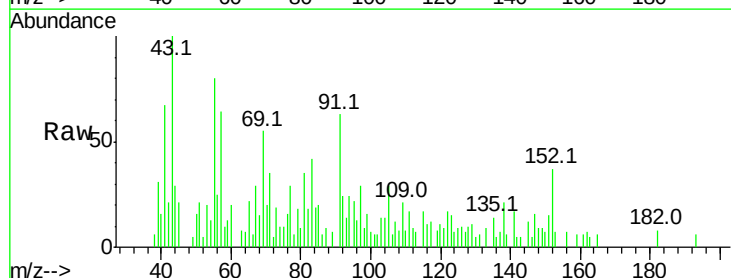
Tgt Ion: 152 Resp: 2525

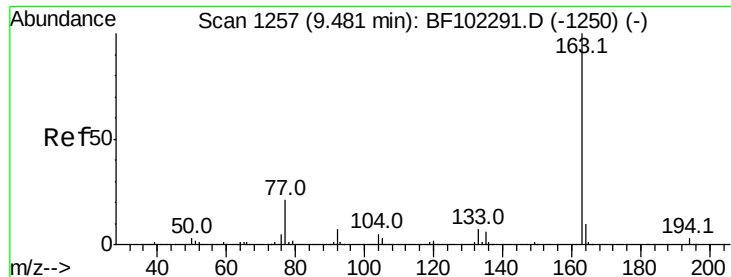
Ion Ratio Lower Upper

152 100

151 41.2 16.3 24.5#

153 18.1 10.7 16.1#





#49

Dimethylphthalate

Concen: 1.379 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampled :

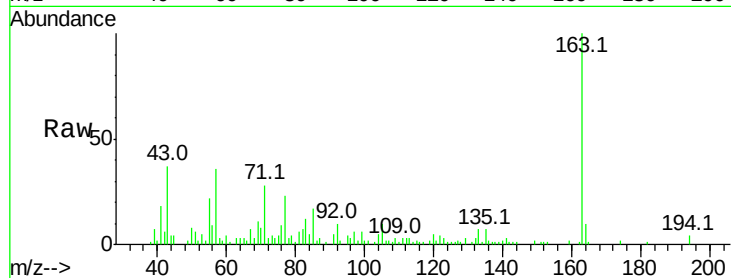
Tot Ion:163 Resp: 32359

Ion Ratio Lower Upper

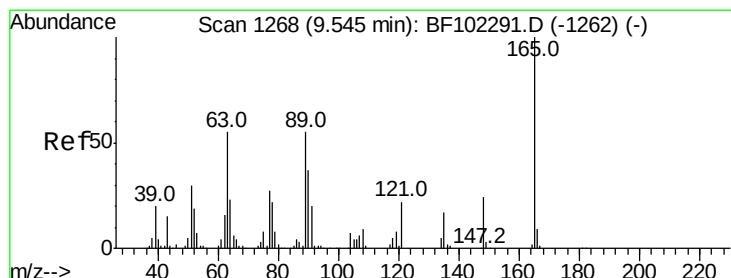
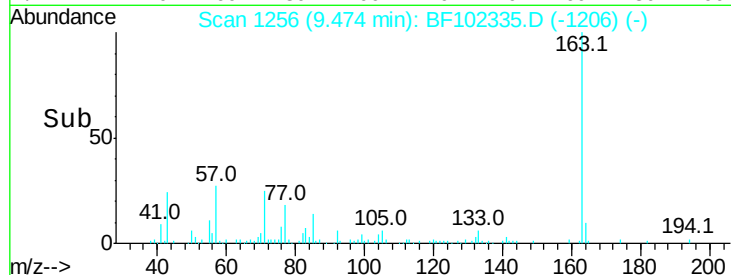
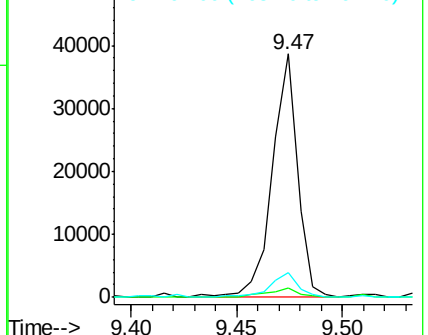
163 100

194 3.9 2.7 4.1

164 10.0 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: 7.473 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

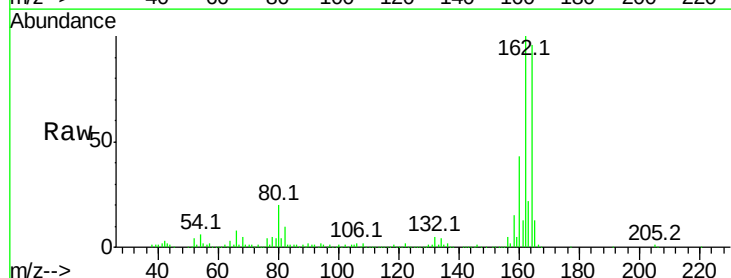
Tgt Ion:165 Resp: 37812

Ion Ratio Lower Upper

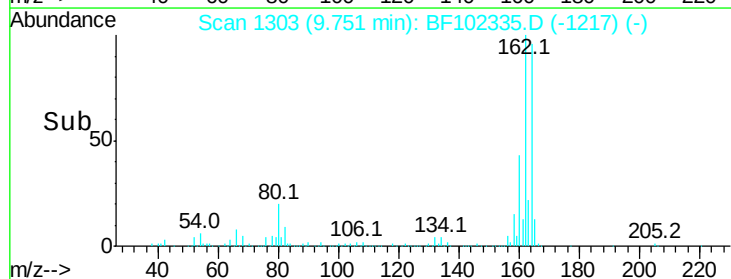
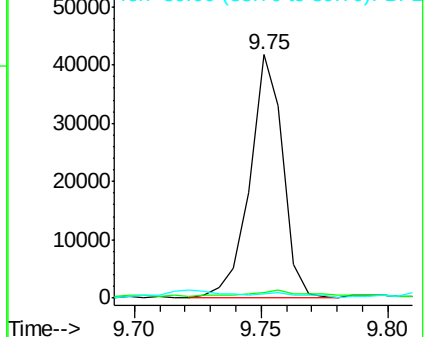
165 100

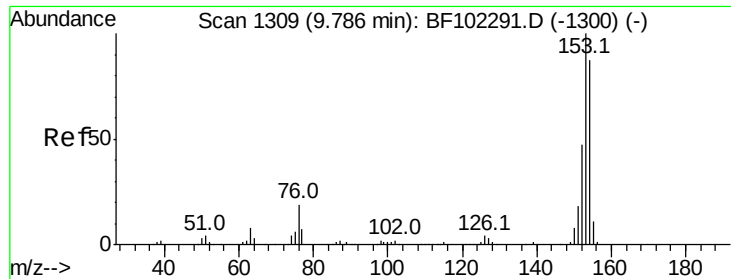
63 2.4 44.7 67.1#

89 1.7 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: 0.153 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

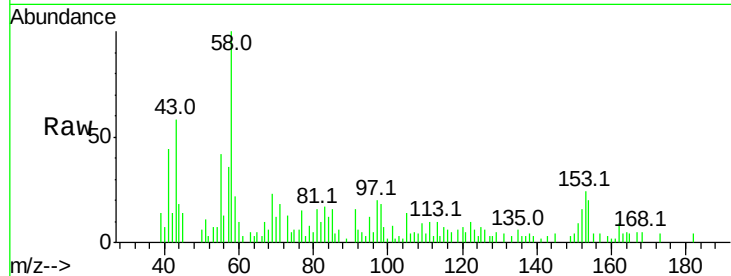
Tot Ion:154 Resp: 2743

Ion Ratio Lower Upper

154 100

153 119.7 91.2 136.8

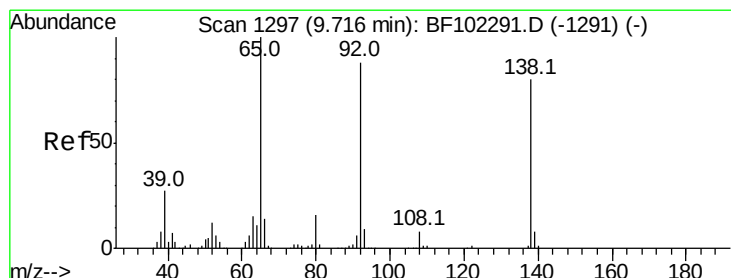
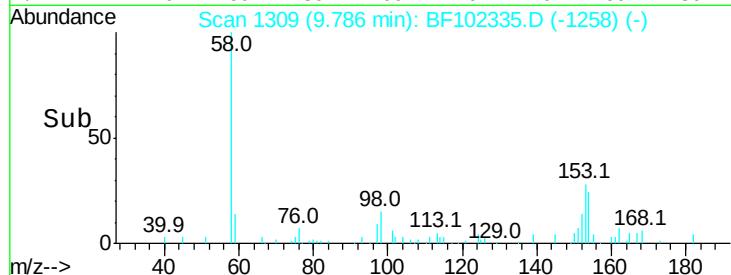
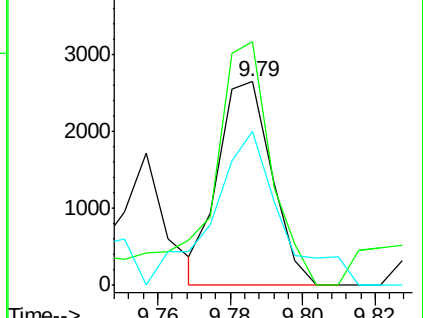
152 75.9 43.8 65.8#



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: 0.138 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.11 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

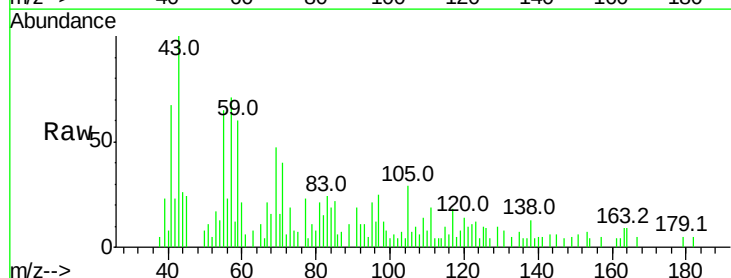
Tgt Ion:138 Resp: 828

Ion Ratio Lower Upper

138 100

108 44.1 9.4 14.0#

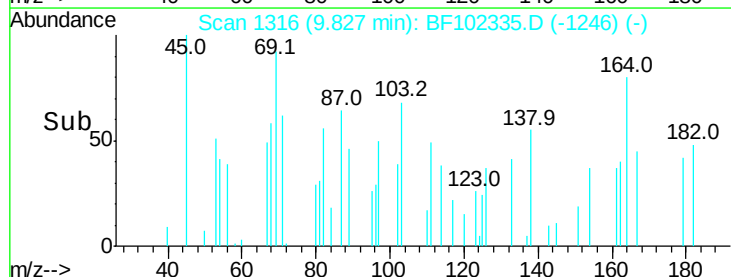
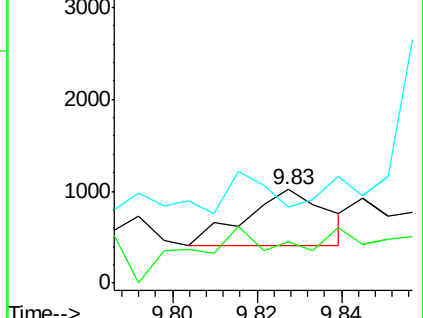
92 81.9 89.4 134.2#

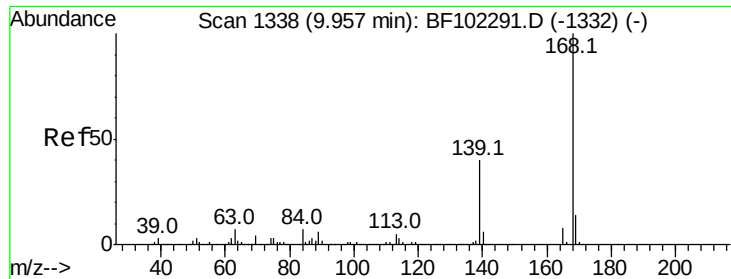


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 0.259 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampled :

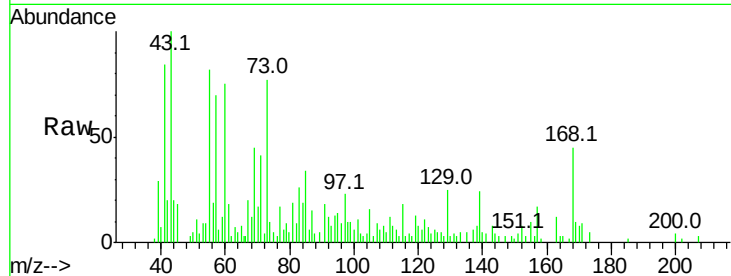
Tot Ion:168 Resp: 6291

Ion Ratio Lower Upper

168 100

139 53.3 30.1 45.1#

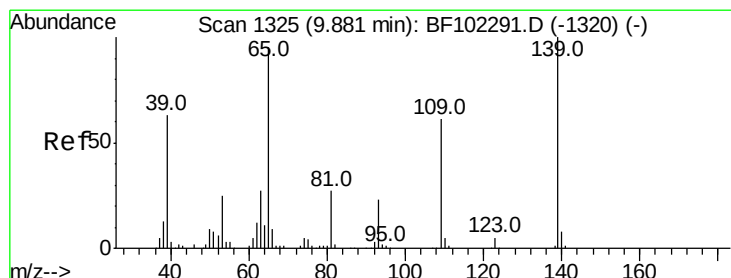
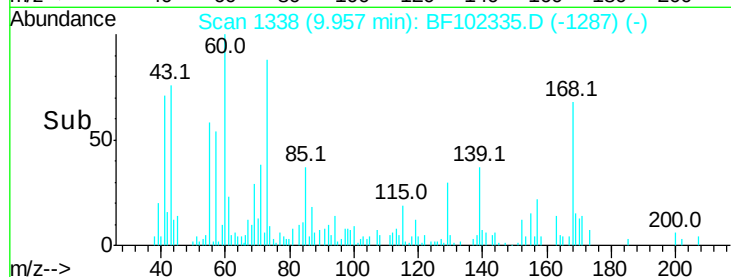
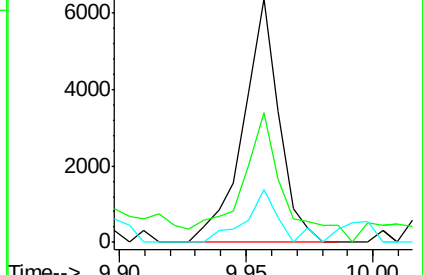
169 21.8 10.9 16.3#



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: 0.695 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

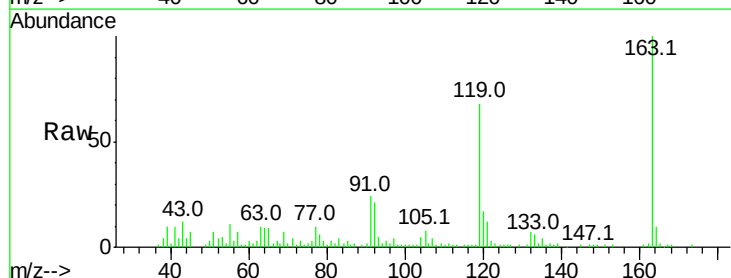
Tgt Ion:139 Resp: 2746

Ion Ratio Lower Upper

139 100

109 158.2 48.4 88.4#

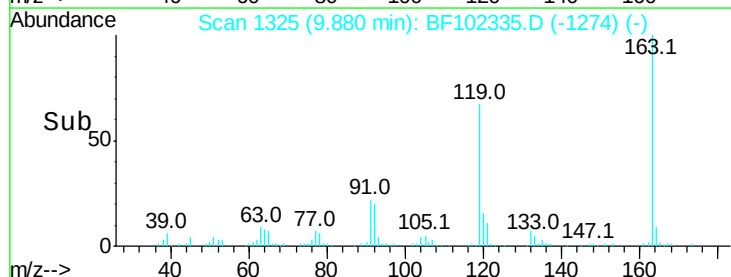
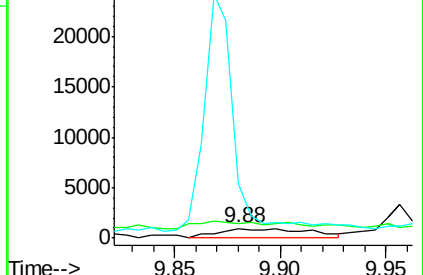
65 573.9 72.6 112.6#

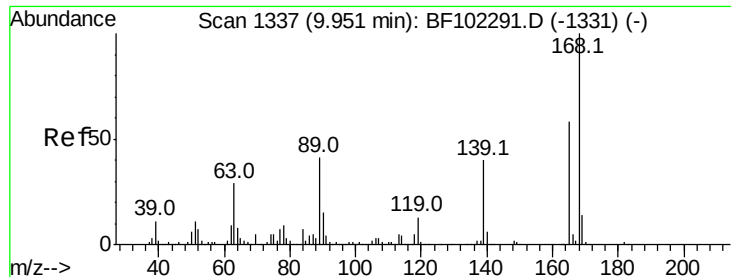


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

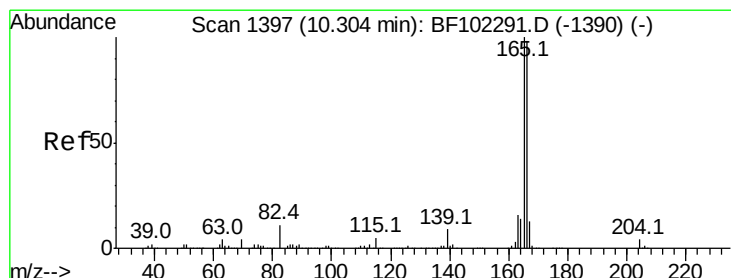
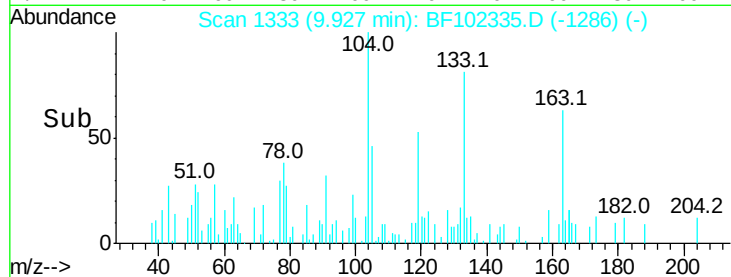
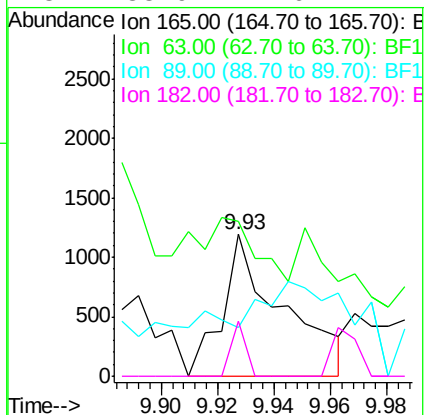
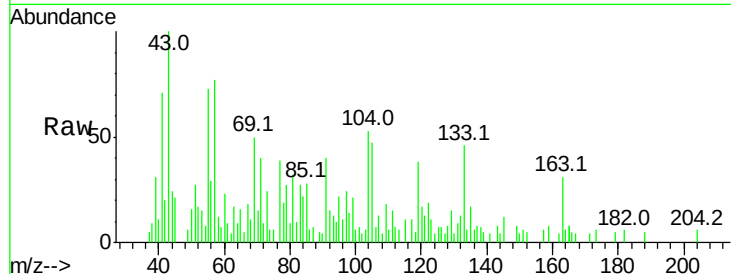




#56
 2,4-Dinitrotoluene
 Concen: 0.282 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

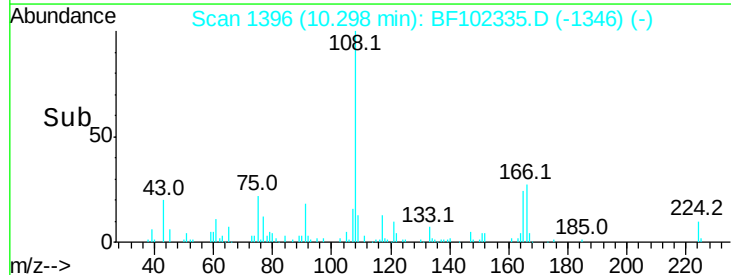
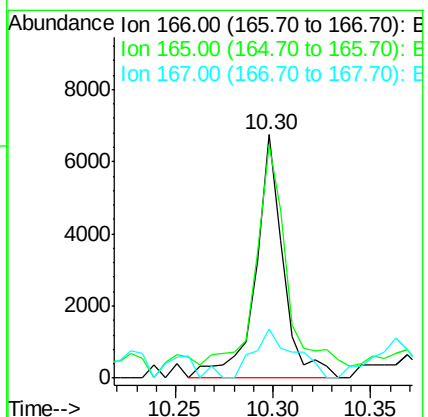
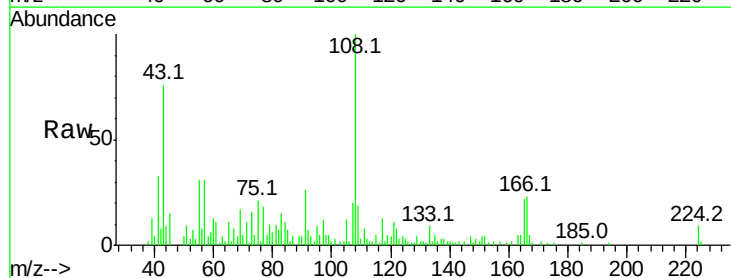
Instrument :
 BNA_F
 ClientSampleId :

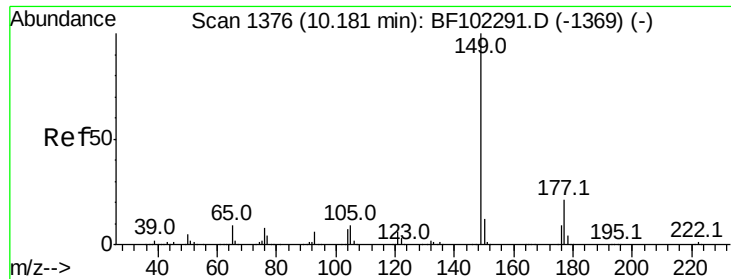
Tot Ion:165 Resp: 1756
 Ion Ratio Lower Upper
 165 100
 63 109.7 36.4 54.6#
 89 34.7 57.8 86.6#
 182 38.9 1.6 2.4#



#57
 Fluorene
 Concen: 0.345 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

Tgt Ion:166 Resp: 6638
 Ion Ratio Lower Upper
 166 100
 165 95.8 79.8 119.8
 167 20.1 10.6 16.0#

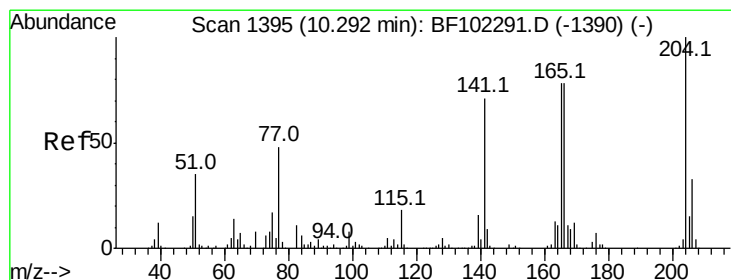
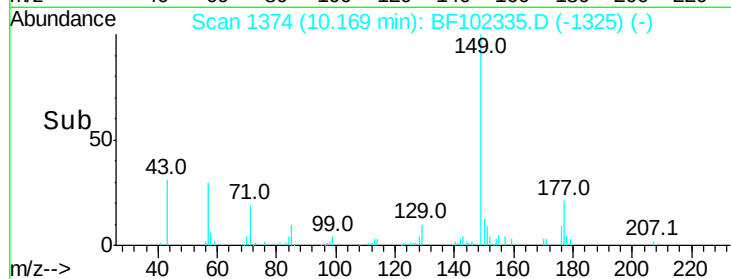
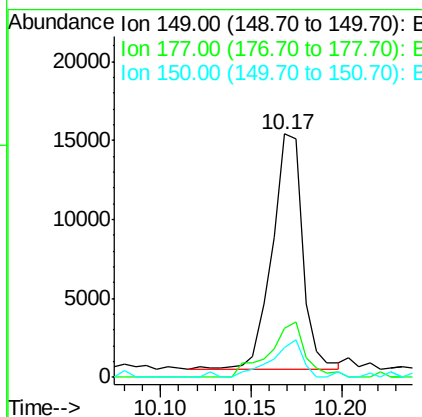
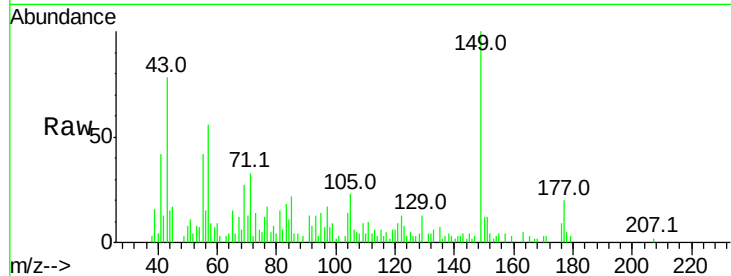




#59
Diethylphthalate
Concen: 0.759 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

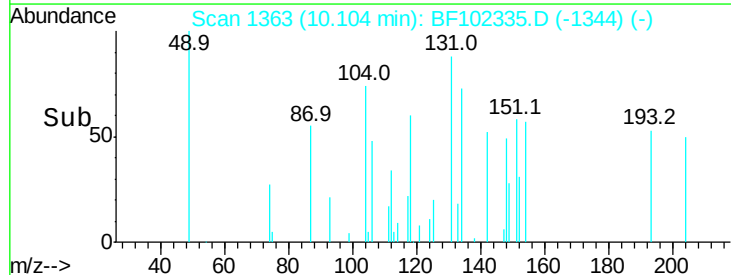
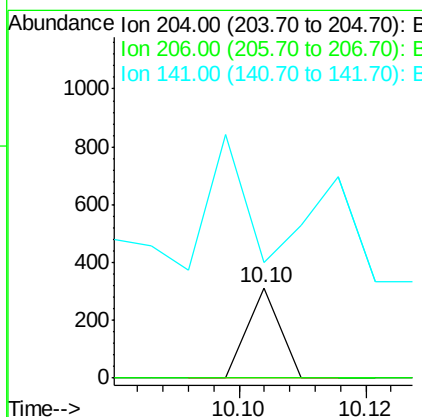
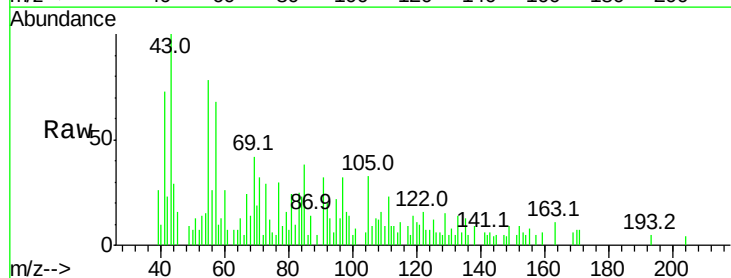
Instrument :
BNA_F
ClientSampleId :

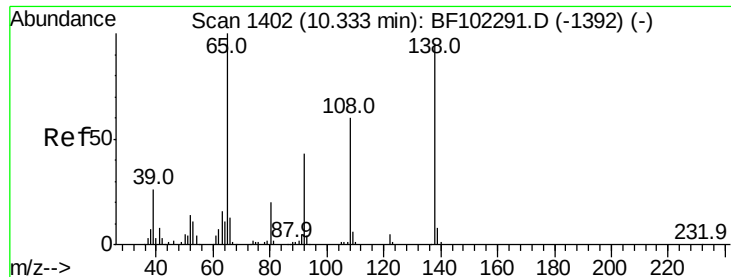
Tot Ion:149 Resp: 17305
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 0.013 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.19 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion:204 Resp: 110
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 128.5 54.6 81.8#





#61

4-Nitroaniline

Concen: 0.229 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

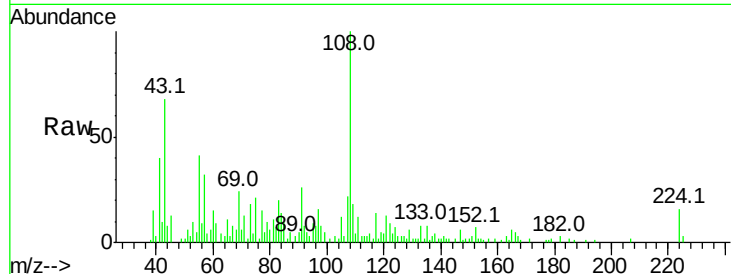
Tot Ion:138 Resp: 1369

Ion Ratio Lower Upper

138 100

92 212.6 30.2 70.2#

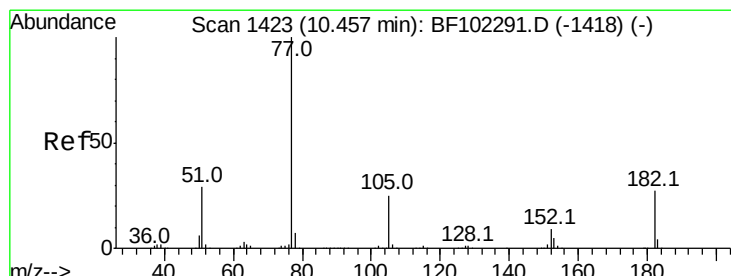
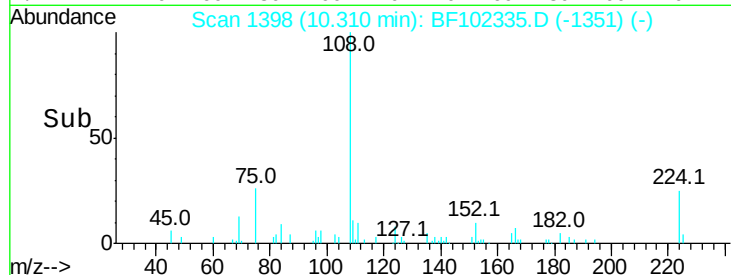
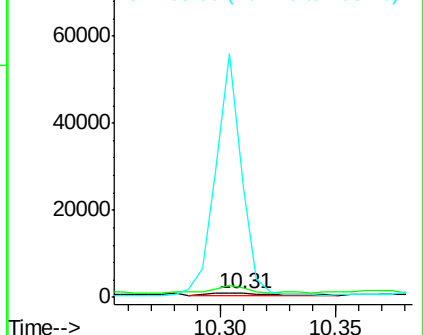
108 2592.4 52.5 92.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.081 ng

RT: 10.44 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Tgt Ion: 77 Resp: 1701

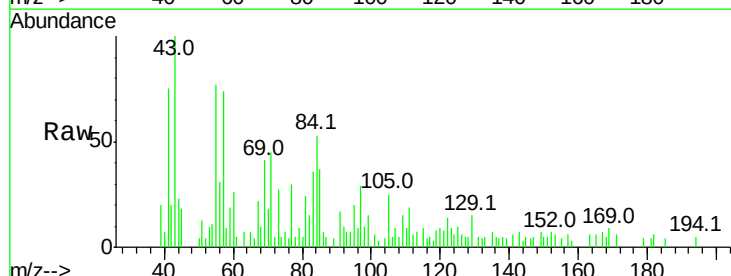
Ion Ratio Lower Upper

77 100

182 20.3 1.7 41.7

105 84.5 3.0 43.0#

51 44.1 9.9 49.9

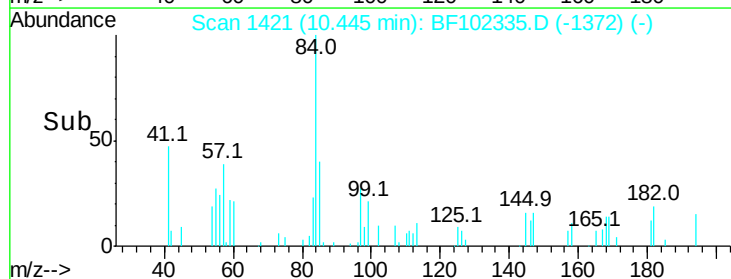
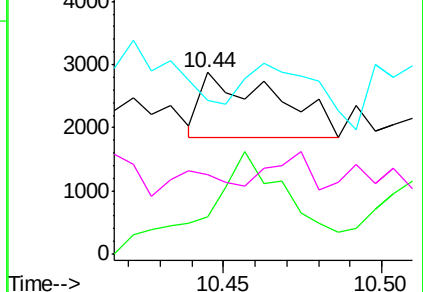


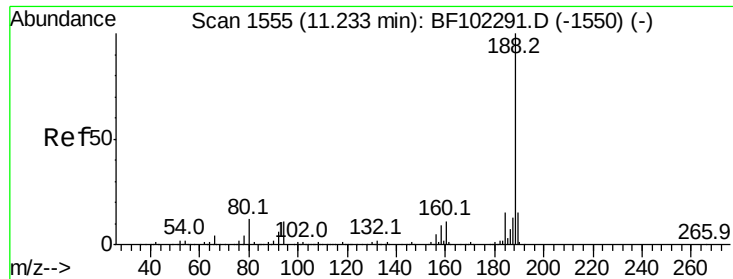
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

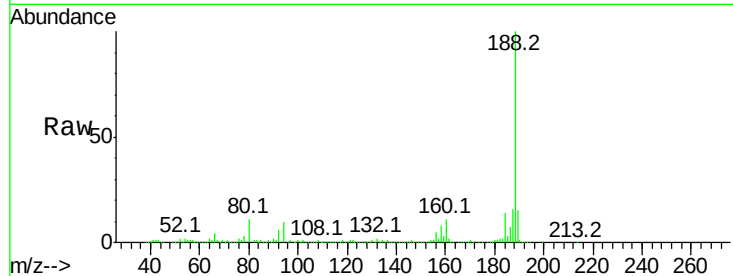
Tot Ion:188 Resp: 493795

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

80 11.2 9.2 13.8



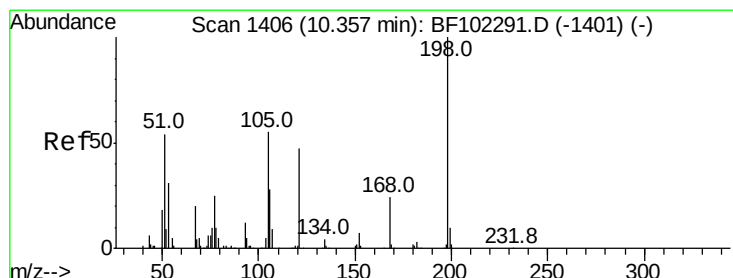
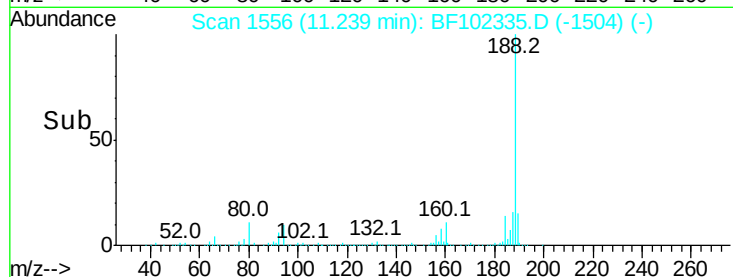
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.24

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 0.257 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

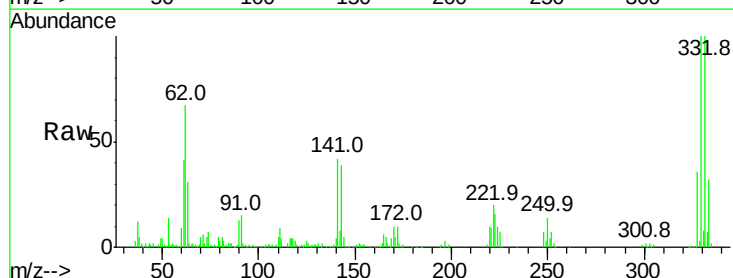
Tgt Ion:198 Resp: 848

Ion Ratio Lower Upper

198 100

51 209.2 37.7 77.7#

105 347.8 36.3 76.3#



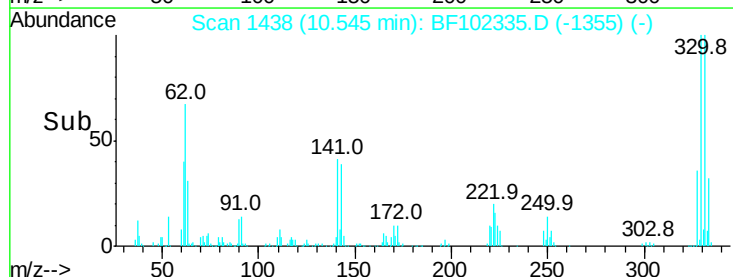
Abundance Ion 198.00 (197.70 to 198.70): E

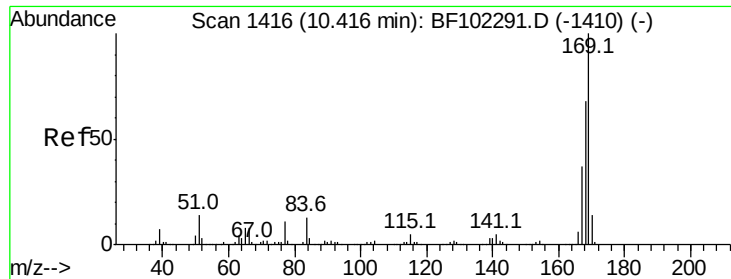
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.54

Time-->

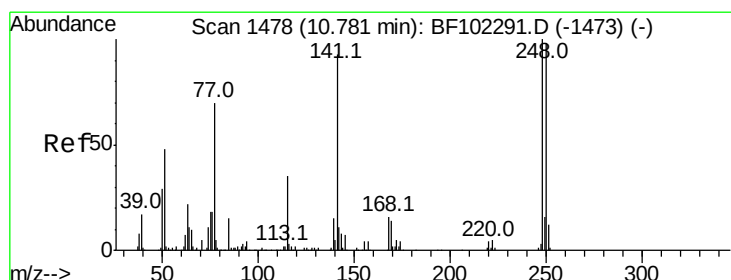
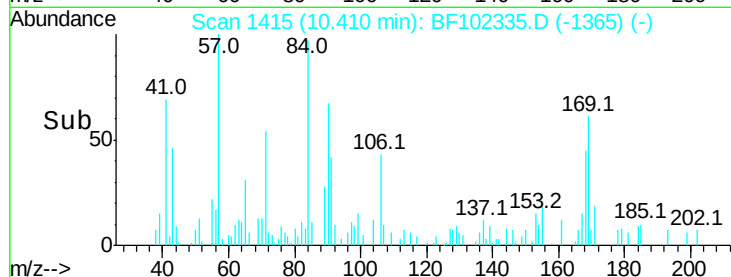
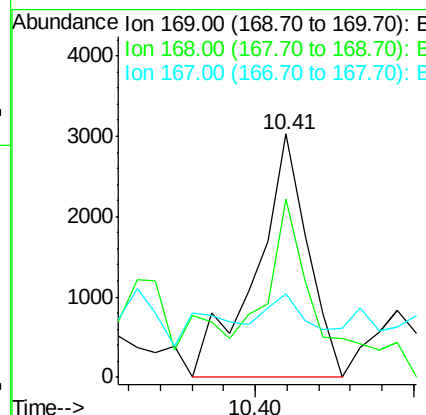
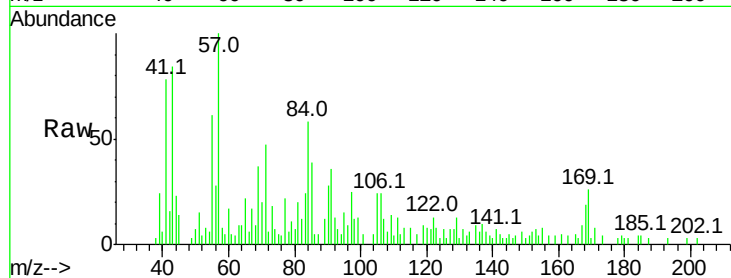




#65
 n-Nitrosodiphenylamine
 Concen: 0.189 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

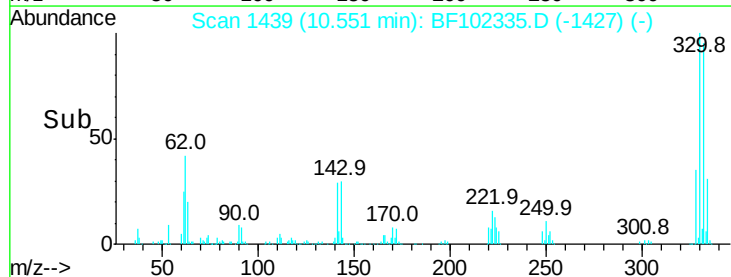
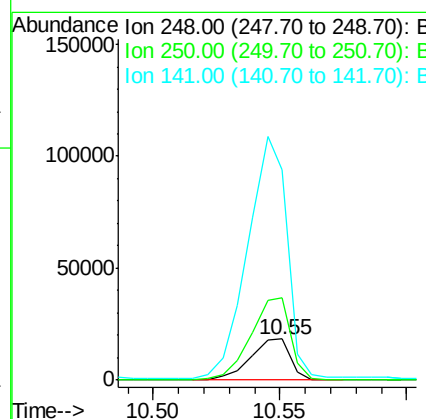
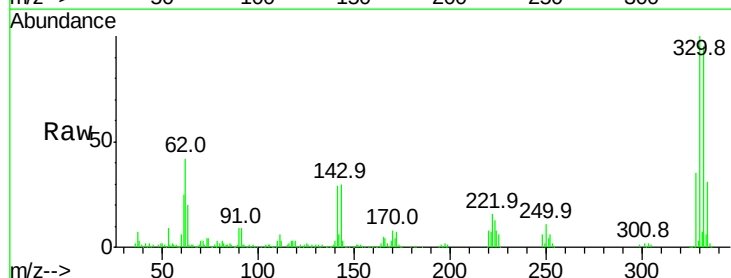
Instrument :
 BNA_F
 ClientSampleId :

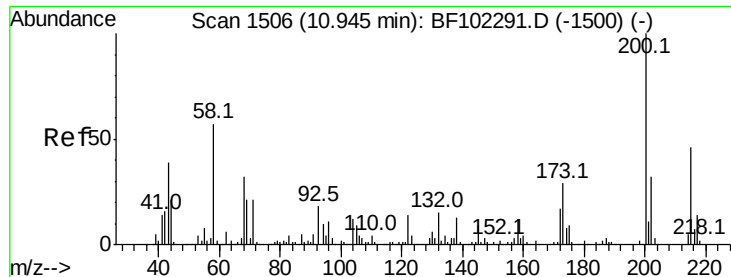
Tot Ion:169 Resp: 3427
 Ion Ratio Lower Upper
 169 100
 168 73.4 54.4 81.6
 167 34.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 3.793 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.23 min
 Lab File: BF102335.D
 Acq: 23 Jan 2018 10:28

Tgt Ion:248 Resp: 20163
 Ion Ratio Lower Upper
 248 100
 250 199.8 76.9 115.3#
 141 512.5 74.4 111.6#

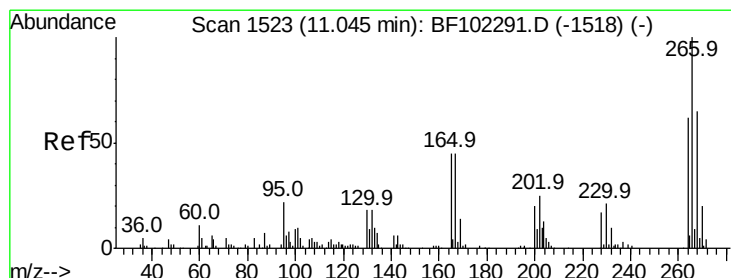
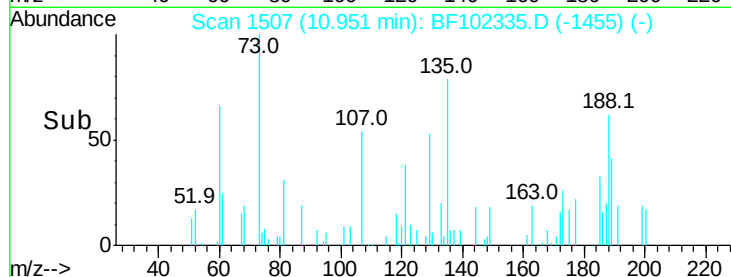
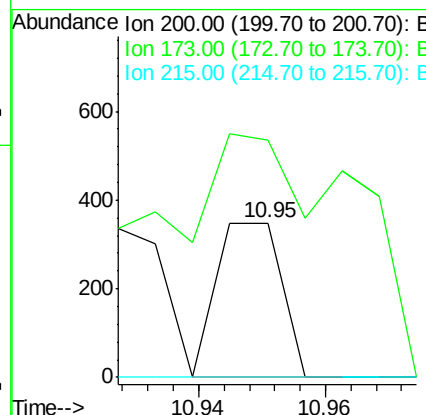
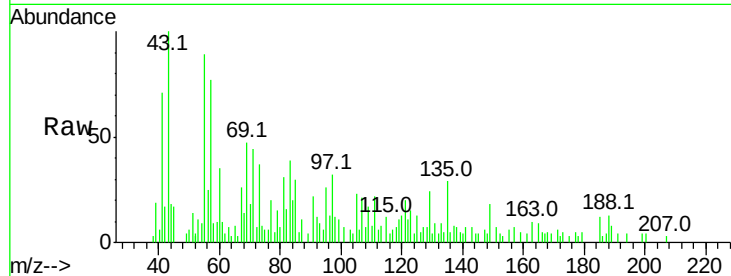




#68
Atrazine
Concen: 0.046 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

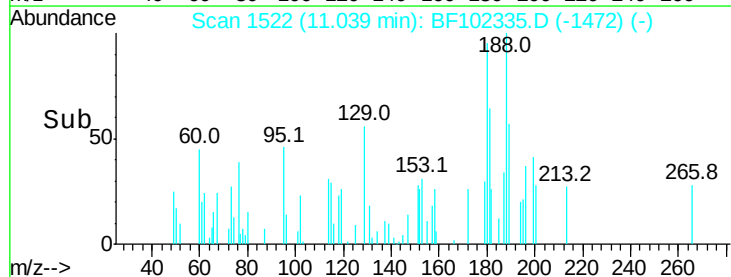
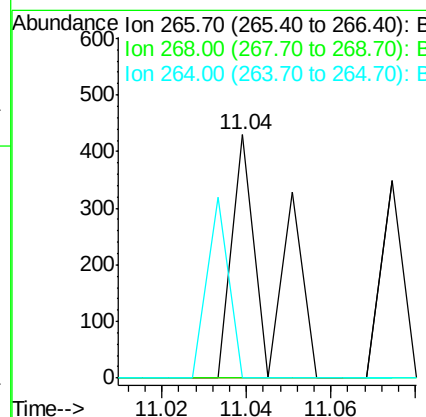
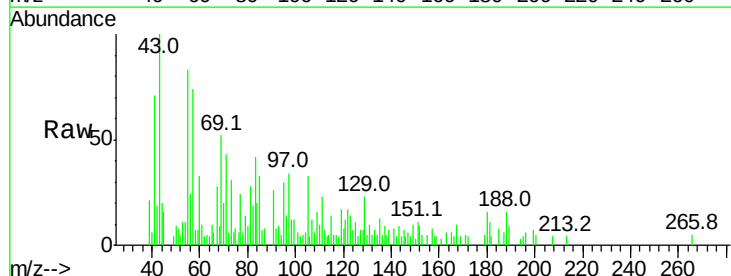
Instrument :
BNA_F
ClientSampled :

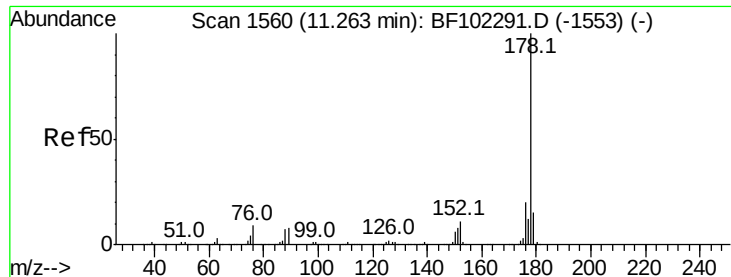
Tot Ion:200 Resp: 246
Ion Ratio Lower Upper
200 100
173 153.0 8.6 48.6#
215 0.0 25.1 65.1#



#69
Pentachlorophenol
Concen: 0.086 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

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





#70

Phenanthrene

Concen: 0.250 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.05 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

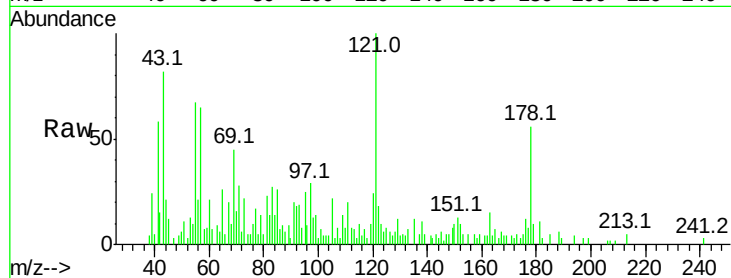
Tot Ion:178 Resp: 7195

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

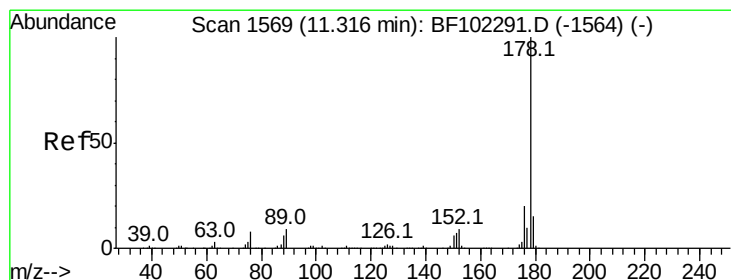
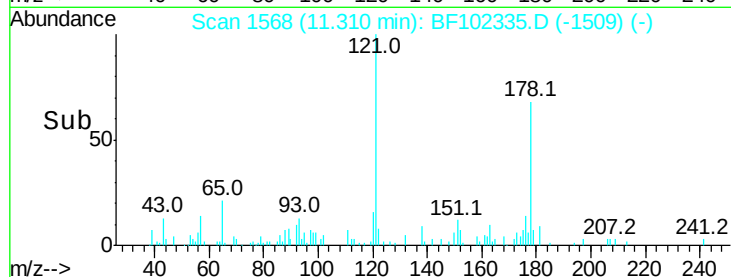
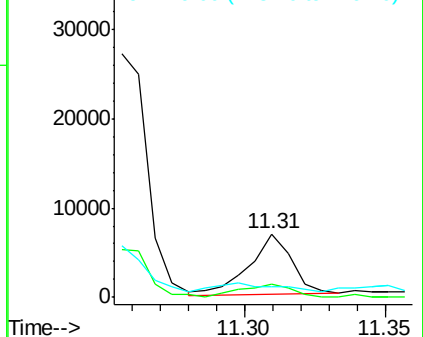
179 17.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.245 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

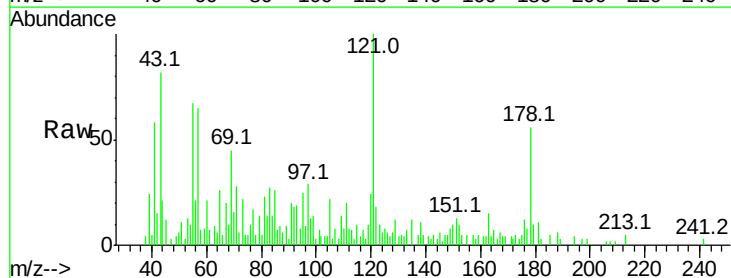
Tgt Ion:178 Resp: 7195

Ion Ratio Lower Upper

178 100

176 21.0 15.4 23.2

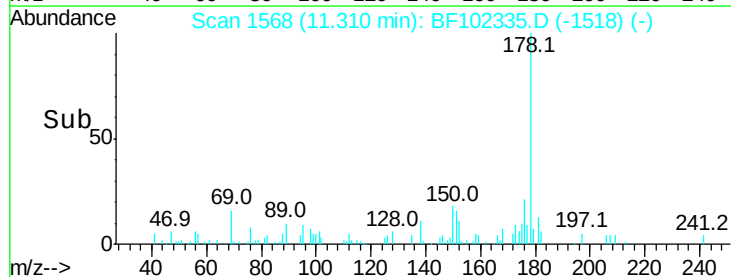
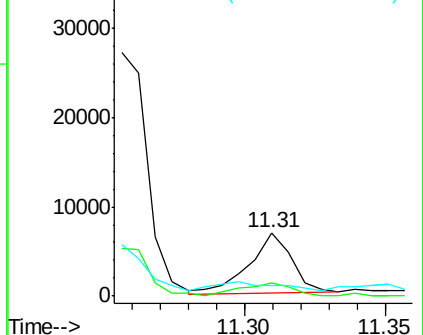
179 17.8 12.6 19.0

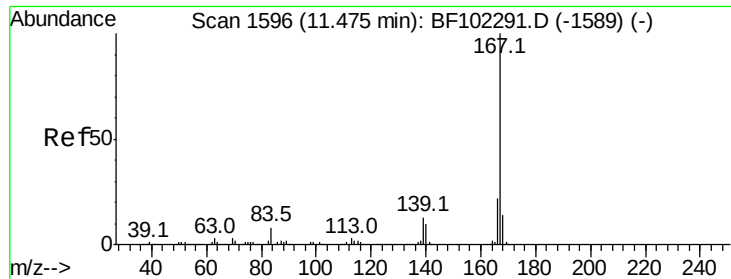


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.401 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

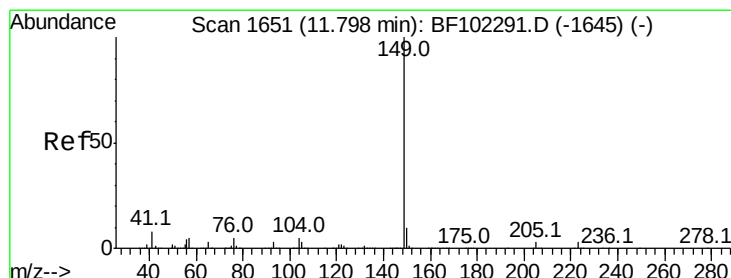
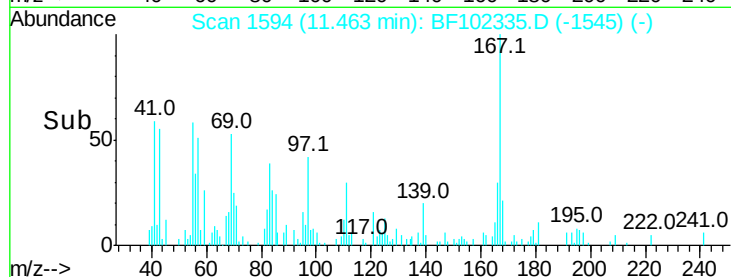
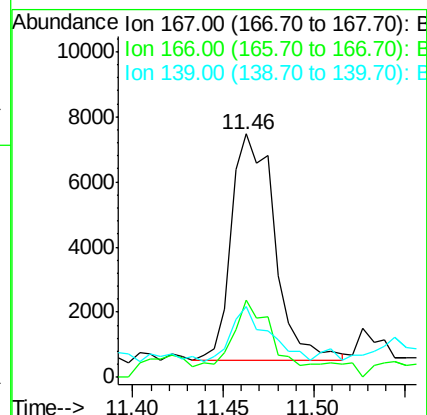
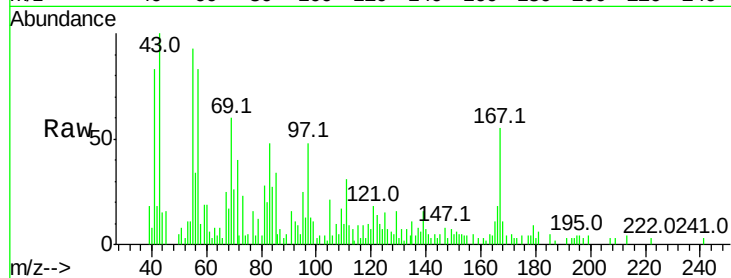
Tot Ion:167 Resp: 11488

Ion Ratio Lower Upper

167 100

166 31.9 17.6 26.4#

139 29.3 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 0.542 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

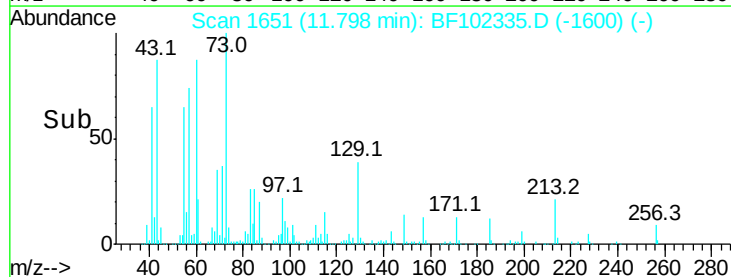
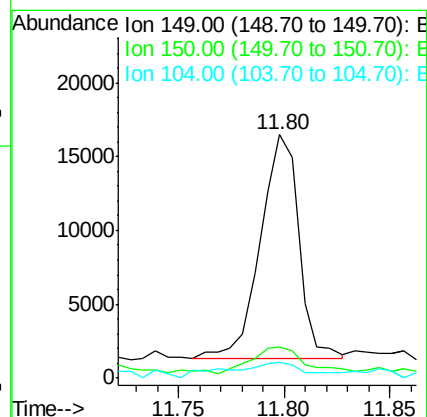
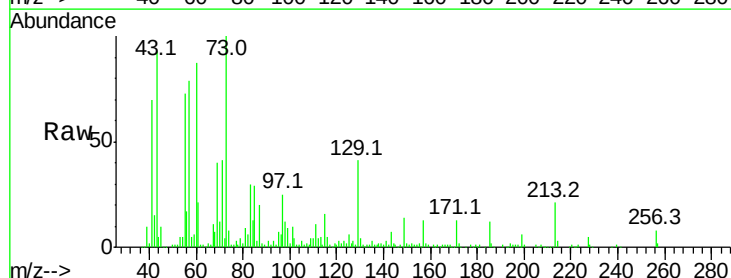
Tgt Ion:149 Resp: 19407

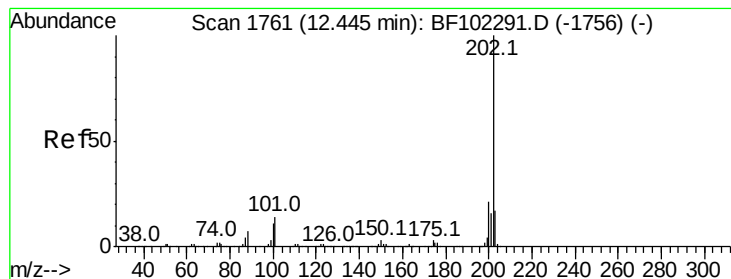
Ion Ratio Lower Upper

149 100

150 12.8 7.8 11.6#

104 6.5 3.8 5.8#





#74

Fluoranthene

Concen: 0.739 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

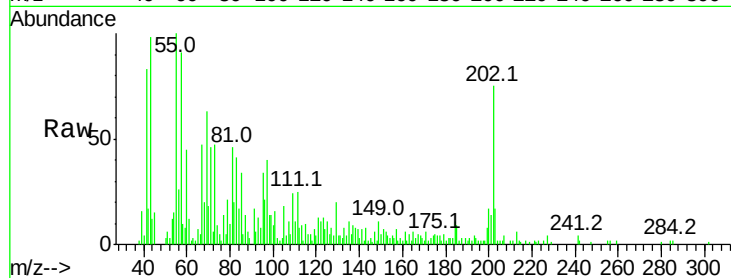
Tot Ion:202 Resp: 21672

Ion Ratio Lower Upper

202 100

101 20.9 0.0 34.1

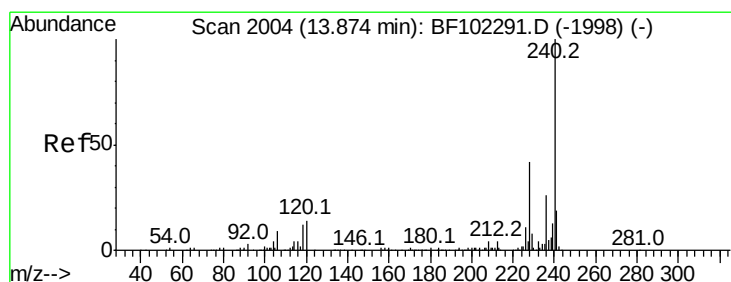
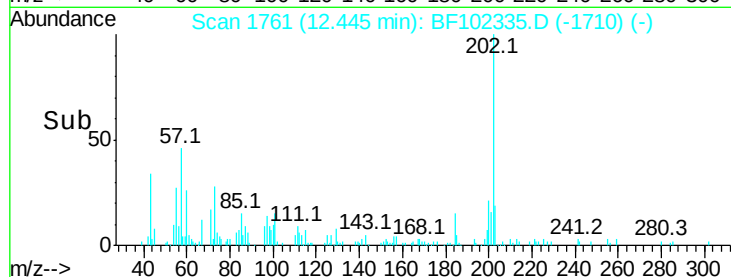
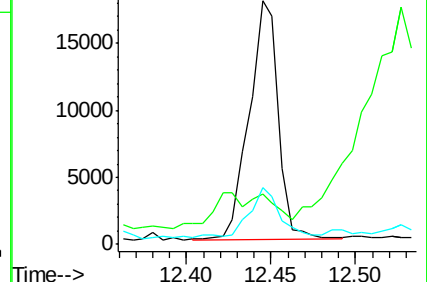
203 23.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

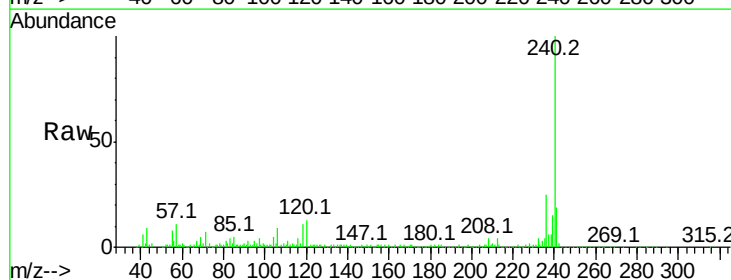
Tgt Ion:240 Resp: 367003

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

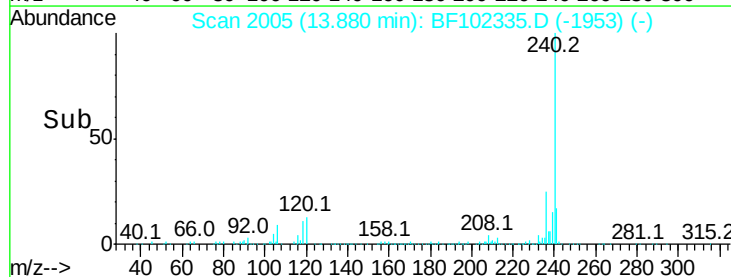
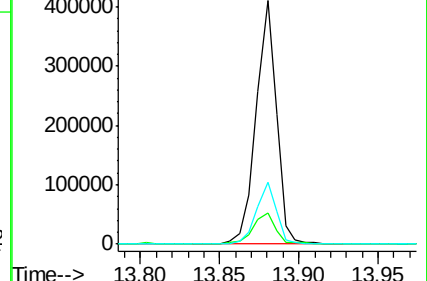
236 25.4 20.7 31.1

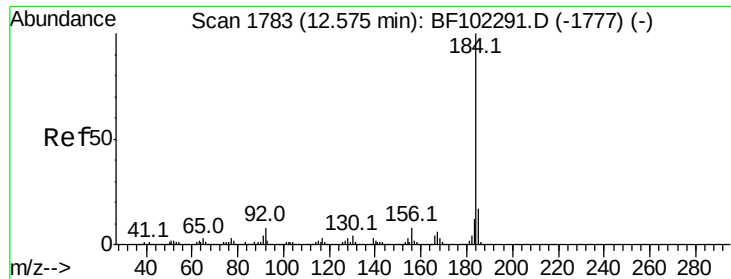


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.042 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

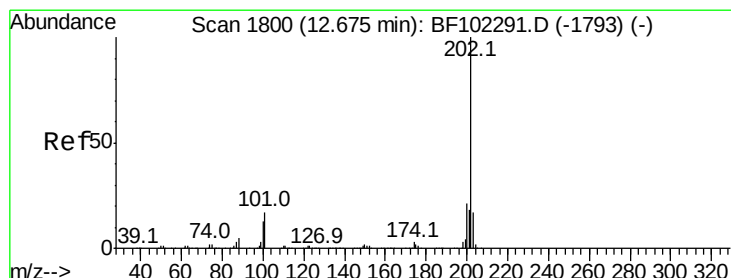
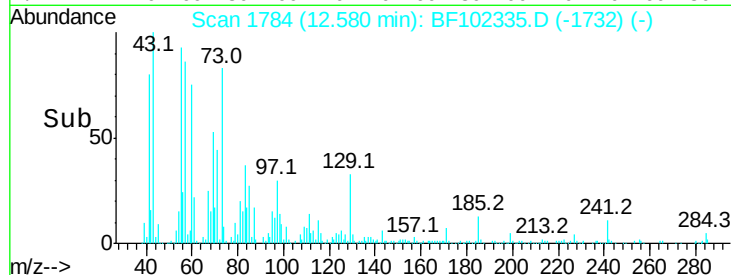
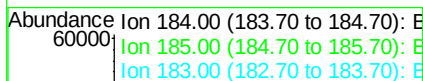
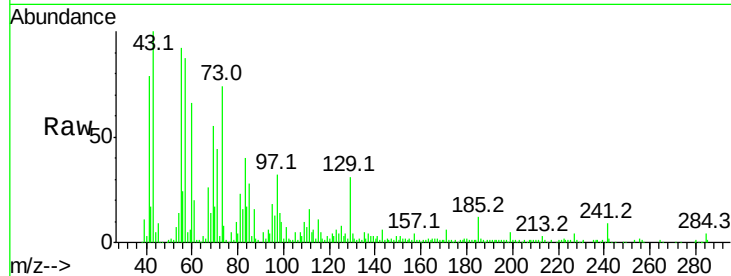
Tot Ion:184 Resp: 522

Ion Ratio Lower Upper

184 100

185 1564.4 12.6 18.8#

183 129.0 9.3 13.9#



#77

Pyrene

Concen: 0.739 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

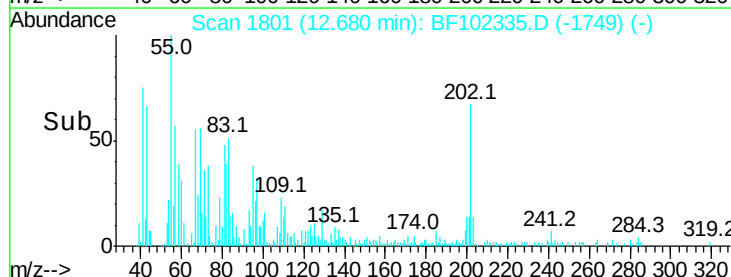
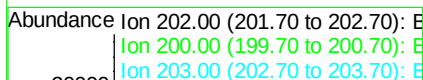
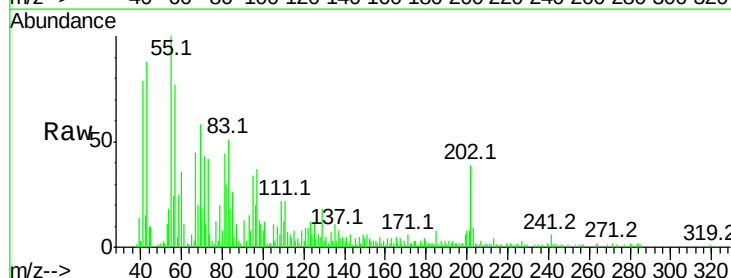
Tgt Ion:202 Resp: 20958

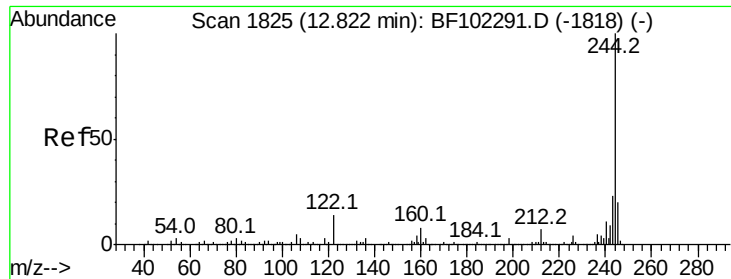
Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

203 23.5 14.3 21.5#





#78

Terphenyl-d14

Concen: 72.722 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampled :

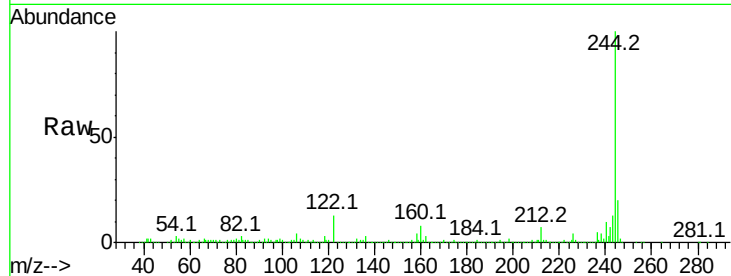
Tot Ion:244 Resp: 1183885

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

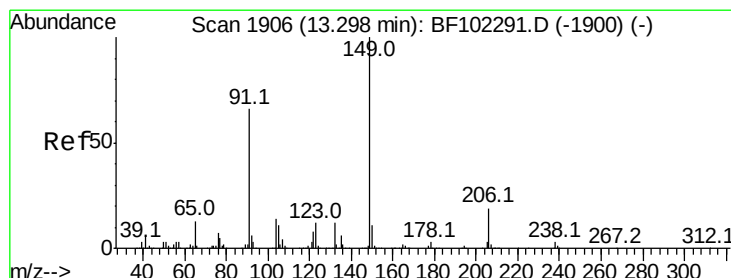
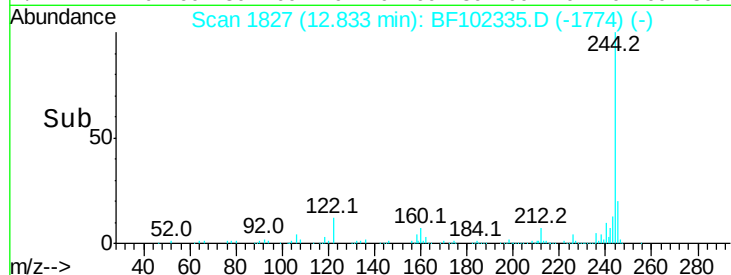
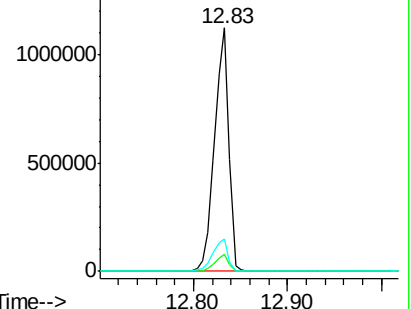
122 13.2 11.0 16.4



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: 1.520 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

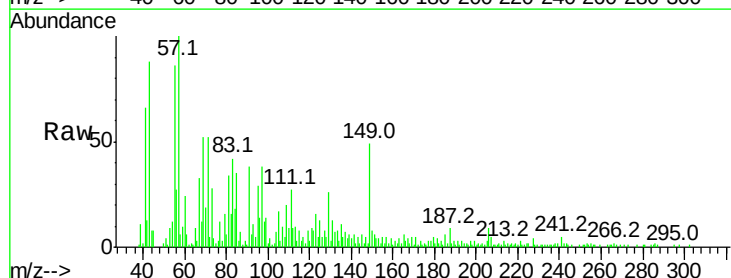
Tgt Ion:149 Resp: 21458

Ion Ratio Lower Upper

149 100

91 78.5 56.8 85.2

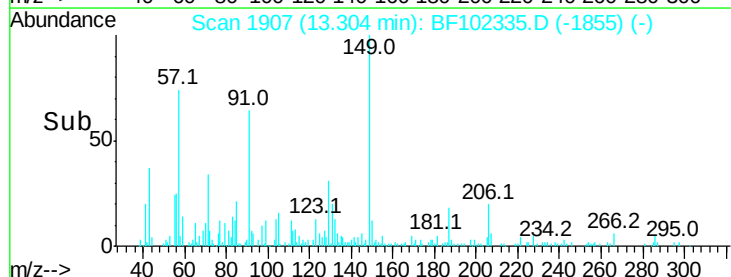
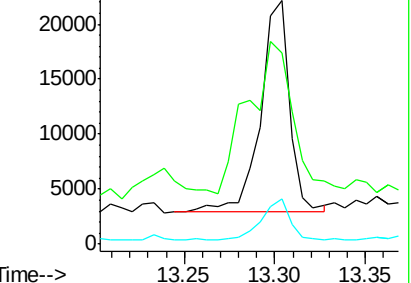
206 18.4 14.1 21.1

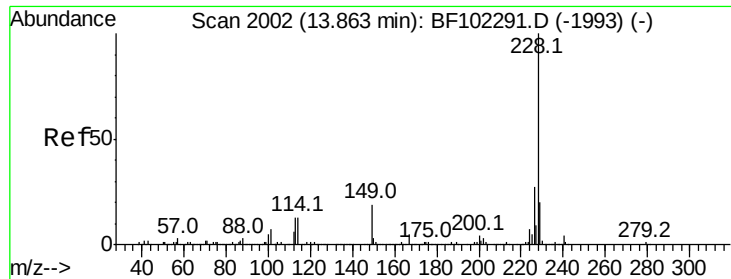


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.258 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

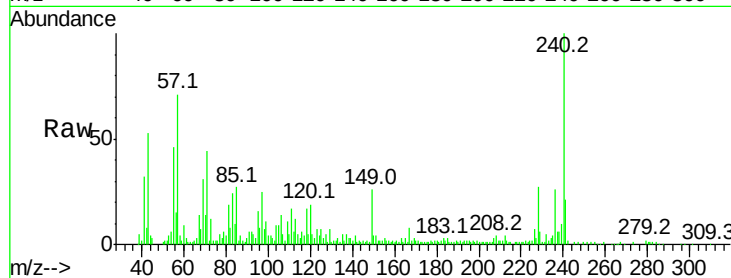
Tot Ion:228 Resp: 28423

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

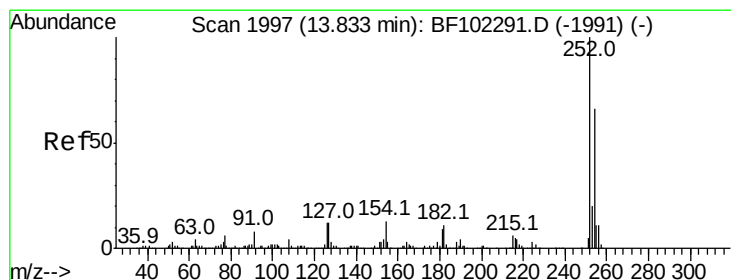
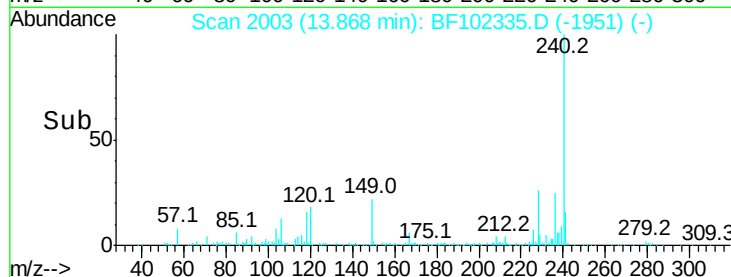
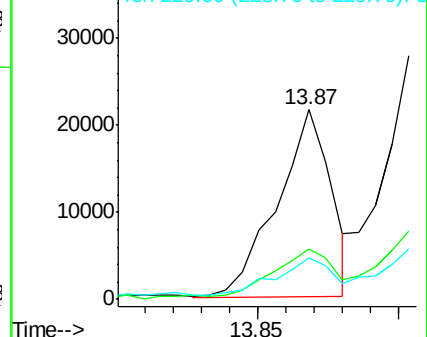
229 21.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.130 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

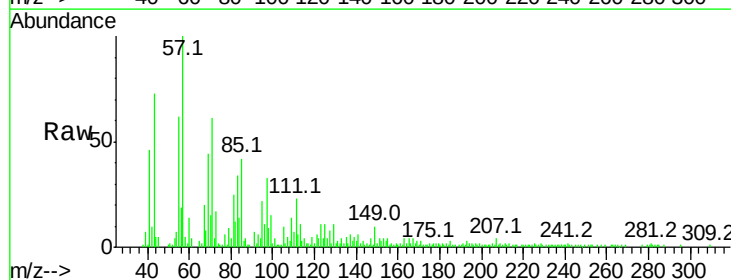
Tgt Ion:252 Resp: 1076

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

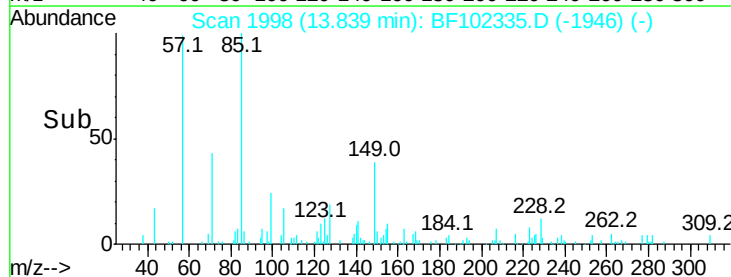
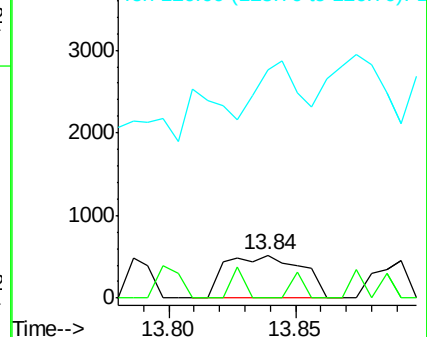
126 534.6 11.3 16.9#

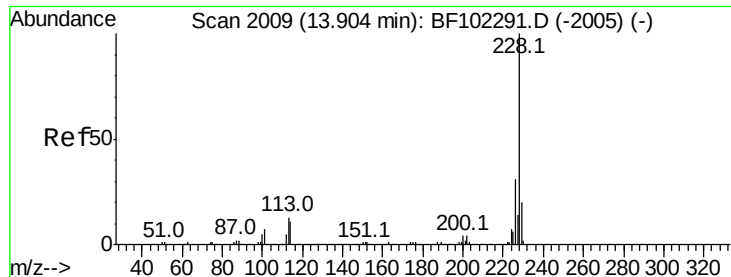


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.191 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampleId :

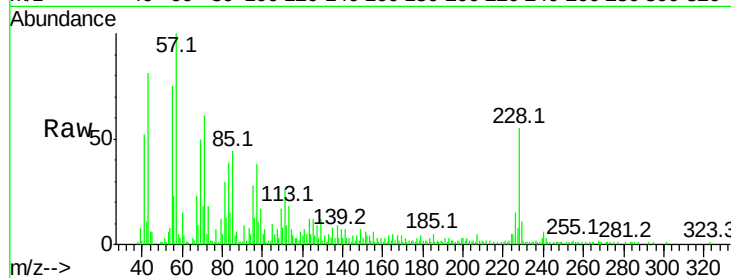
Tot Ion:228 Resp: 27333

Ion Ratio Lower Upper

228 100

226 27.9 25.0 37.6

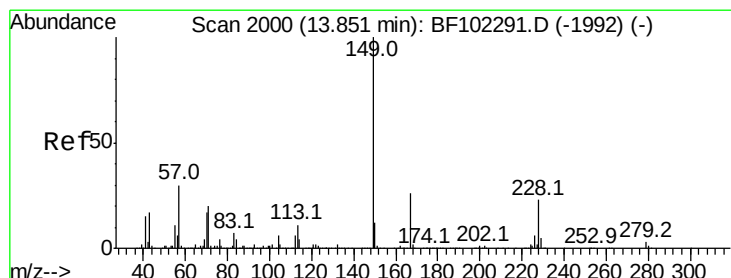
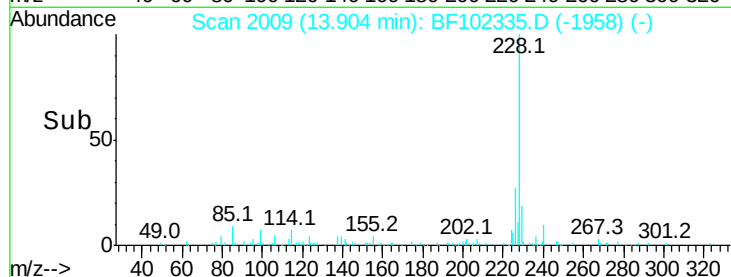
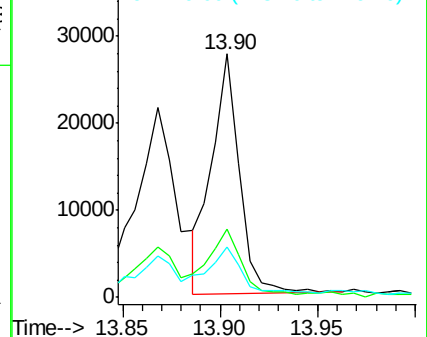
229 20.7 16.2 24.4



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: 3.956 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

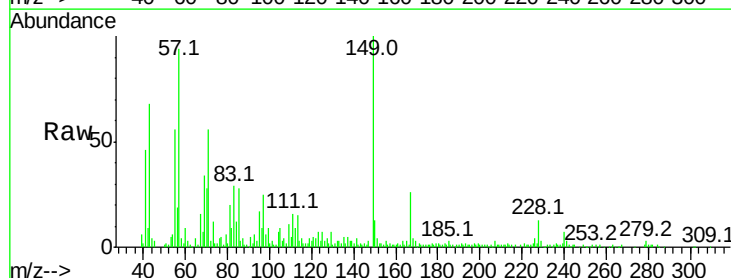
Tgt Ion:149 Resp: 75077

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

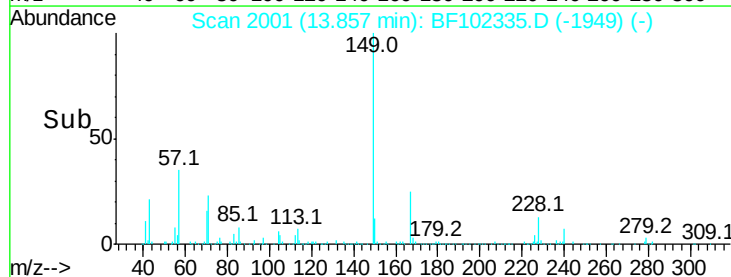
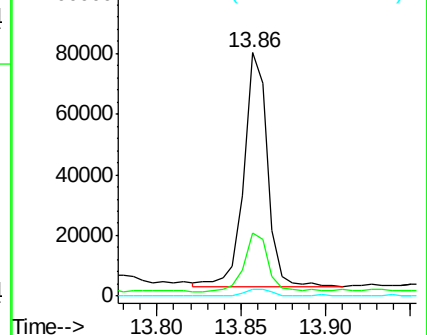
279 2.9 3.0 4.4#

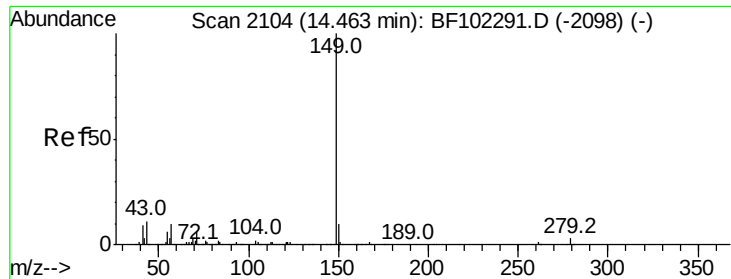


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

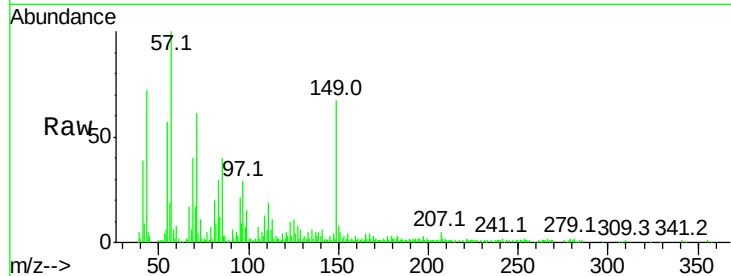




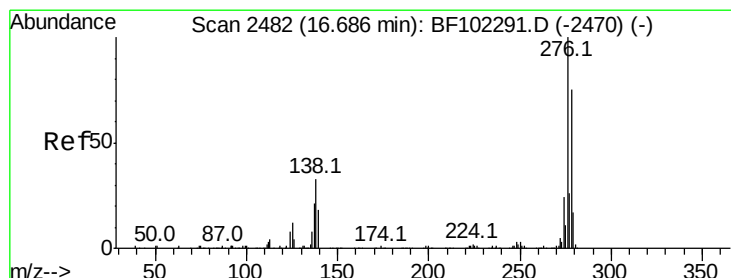
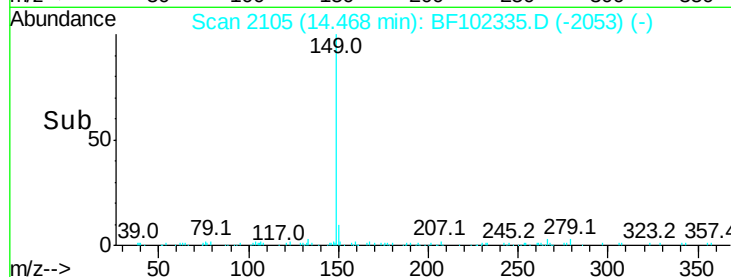
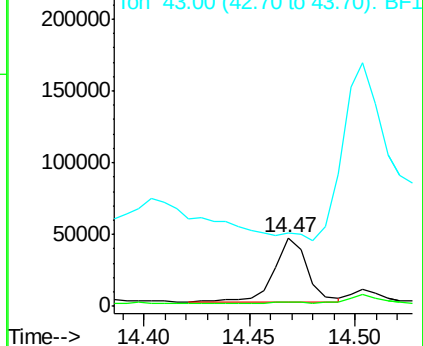
#84
Di-n-octyl phthalate
Concen: 1.548 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 47788
Ion Ratio Lower Upper
149 100
167 2.2 1.2 1.8#
43 0.0 8.4 12.6#

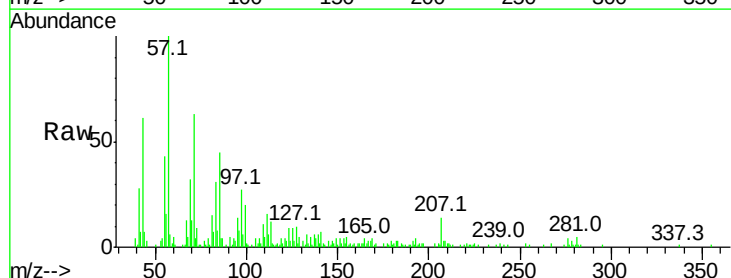


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

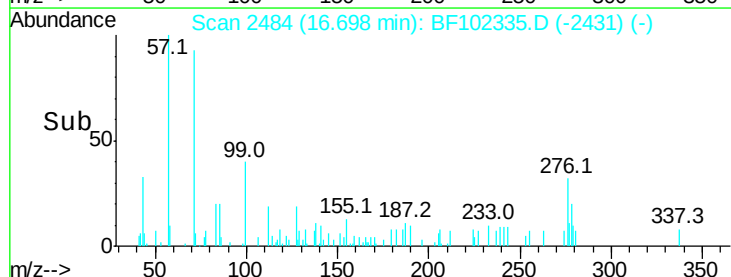
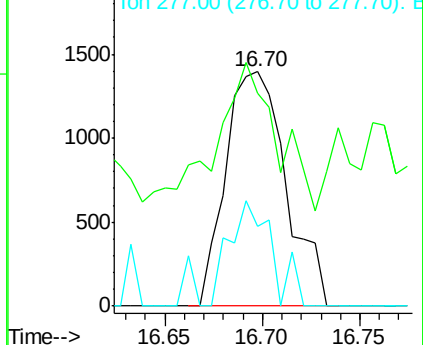


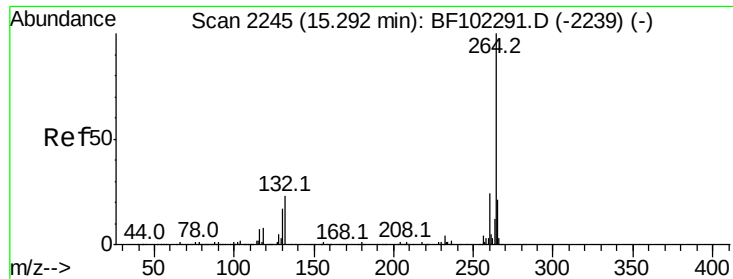
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion:276 Resp: 2987
Ion Ratio Lower Upper
276 100
138 64.5 25.0 37.6#
277 32.1 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



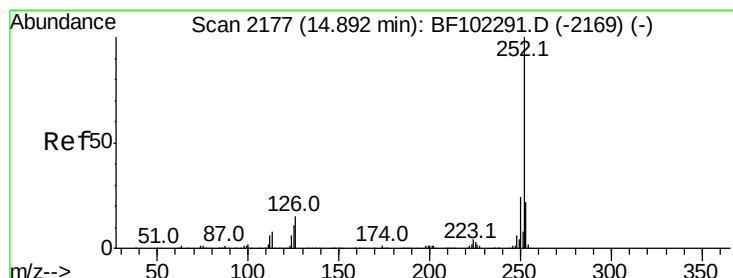
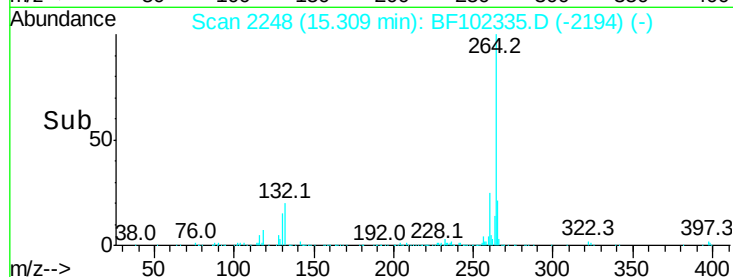
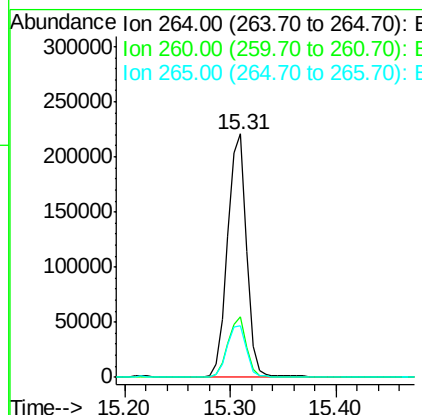
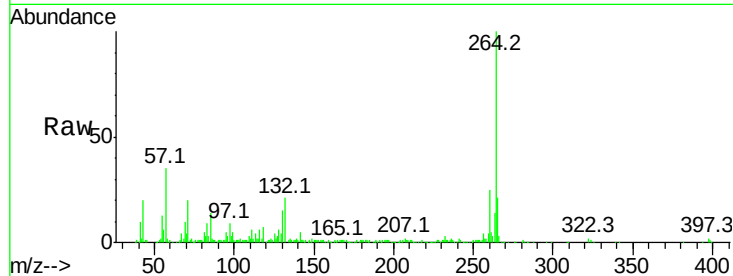


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 273819

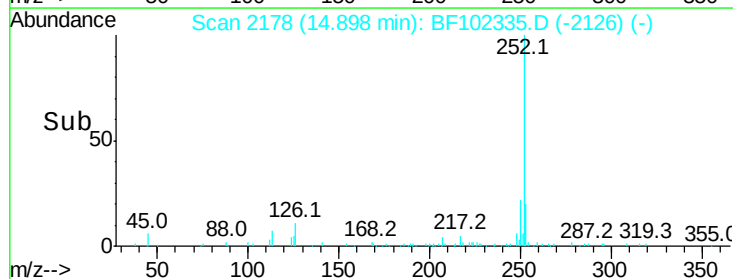
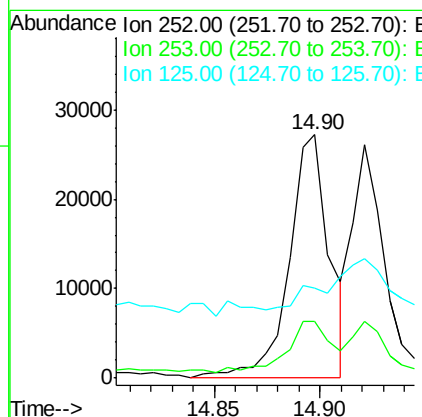
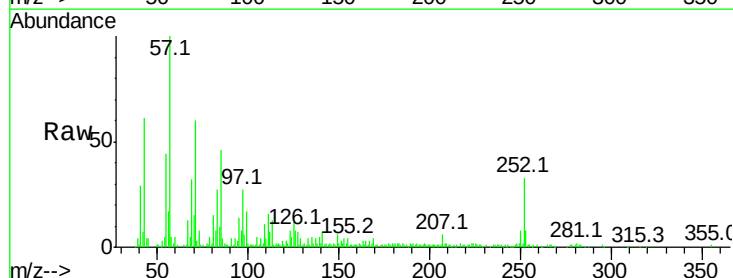
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	17.5	26.3

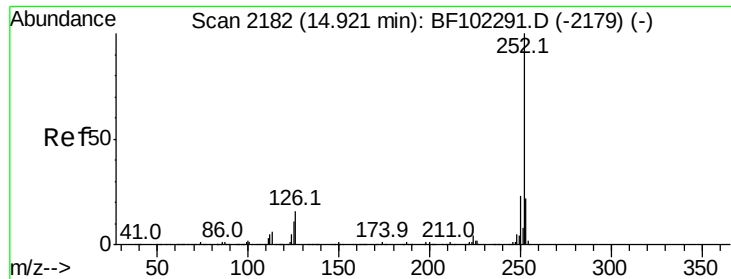


#87
Benzo(b)fluoranthene
Concen: 2.039 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion:252 Resp: 36183

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	36.8	9.0	13.6

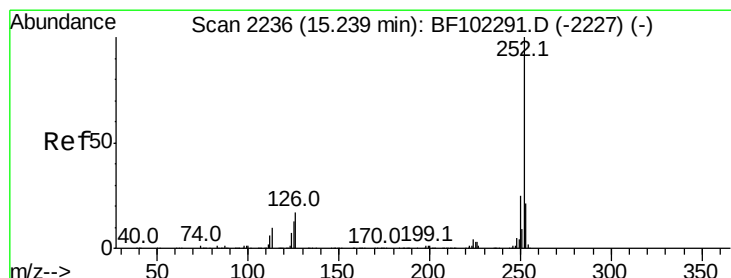
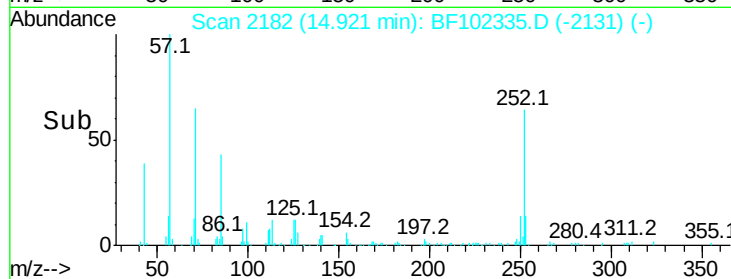
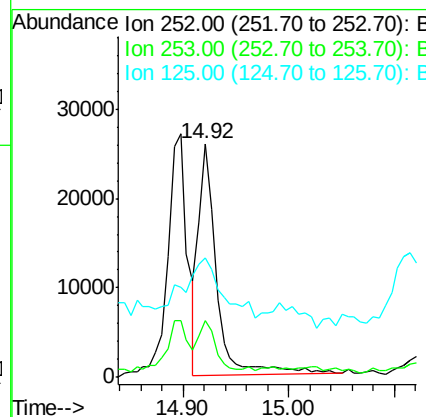
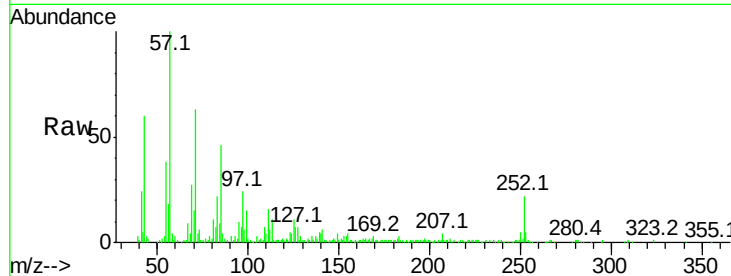




#88
Benzo(k)fluoranthene
Concen: 1.801 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

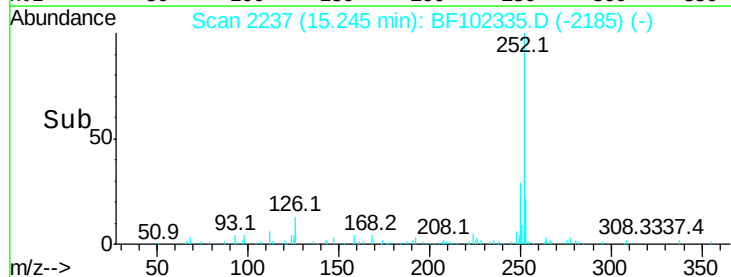
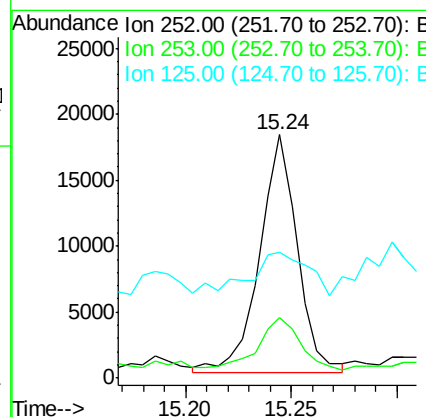
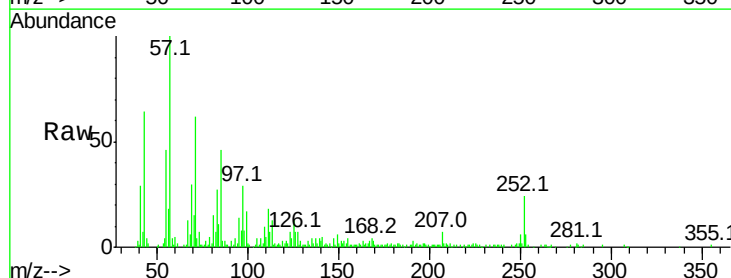
Instrument :
BNA_F
ClientSampleId :

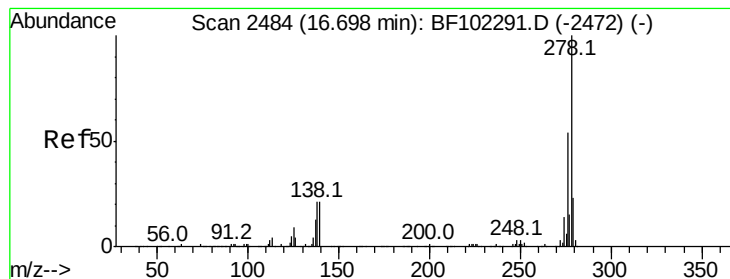
Tot Ion:252 Resp: 30191
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 51.2 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 1.400 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102335.D
Acq: 23 Jan 2018 10:28

Tgt Ion:252 Resp: 22415
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 51.8 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.146 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

Instrument :

BNA_F

ClientSampled :

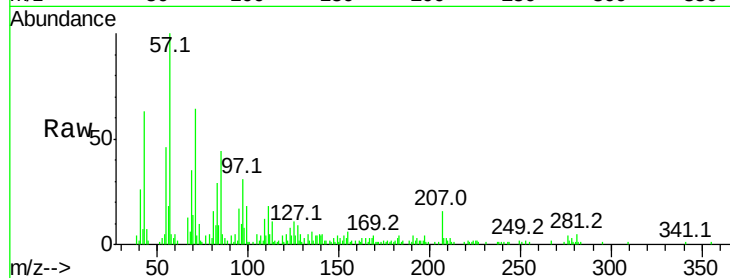
Tot Ion:278 Resp: 1893

Ion Ratio Lower Upper

278 100

139 164.8 15.9 23.9#

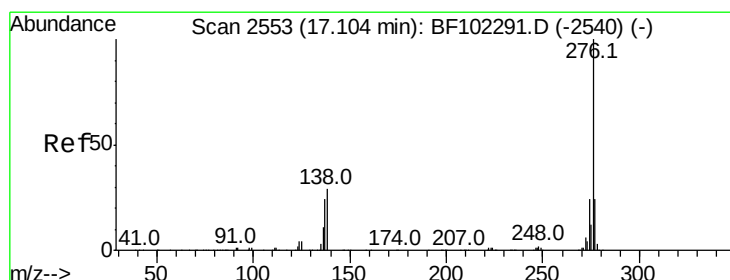
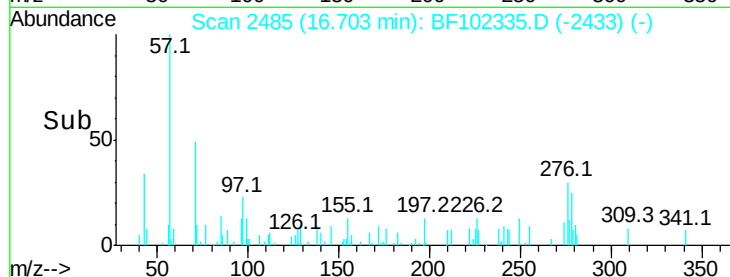
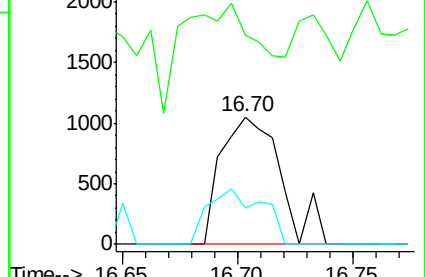
279 28.6 19.0 28.4#



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: 0.141 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF102335.D

Acq: 23 Jan 2018 10:28

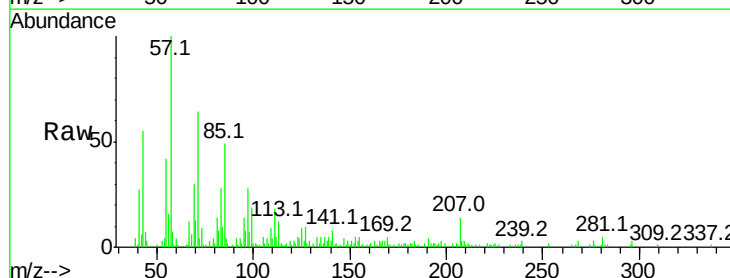
Tgt Ion:276 Resp: 1799

Ion Ratio Lower Upper

276 100

277 28.2 17.9 26.9#

138 110.3 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

