

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102337.D
 Acq On : 23 Jan 2018 11:22
 Operator : SJ/JU
 Sample : J1239-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:16:47 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	139381	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	506047	20.00	ng	0.01
38) Acenaphthene-d10	9.75	164	276376	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	483409	20.00	ng	0.00
75) Chrysene-d12	13.87	240	382932	20.00	ng	0.00
86) Perylene-d12	15.30	264	286588	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1179690	128.33	ng	0.02
7) Phenol-d6	6.38	99	1179636	106.44	ng	0.02
23) Nitrobenzene-d5	7.29	82	968216	109.95	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	359993	131.46	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1664859	88.57	ng	0.00
78) Terphenyl-d14	12.83	244	1625676	95.71	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	109	0.025	ng	# 1
3) Pyridine	3.23	79	99185	8.690	ng	# 97
4) n-Nitrosodimethylamine	3.05	42	741	0.166	ng	# 1
6) Aniline	6.42	93	75689	5.164	ng	# 1
8) 2-Chlorophenol	6.51	128	544	0.056	ng	# 1
9) Benzaldehyde	6.32	77	1966	0.408	ng	# 1
10) Phenol	6.42	94	3053120	252.348	ng	# 98
11) bis(2-Chloroethyl)ether	6.50	93	2651	0.288	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	237	0.021	ng	# 1
13) 1,4-Dichlorobenzene	6.88	146	237	0.021	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	237	0.023	ng	# 1
15) Benzyl Alcohol	6.87	79	15488	1.981	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2596	0.168	ng	# 1
17) 2-Methylphenol	6.99	107	823929	98.452	ng	# 98
18) Hexachloroethane	7.15	117	71252	17.811	ng	# 3
19) n-Nitroso-di-n-propylamine	7.29	70	129723	19.127	ng	# 78
20) 3+4-Methylphenols	7.16	107	2349904	238.748	ng	# 86
22) Acetophenone	7.15	105	33733	2.796	ng	# 1
24) Nitrobenzene	7.42	77	61747	6.852	ng	# 57
25) Isophorone	7.29	82	939269	59.831	ng	# 64
27) 2,4-Dimethylphenol	7.67	122	524341	76.135	ng	# 97
28) bis(2-Chloroethoxy)methane	7.82	93	26961	2.780	ng	# 1
31) Naphthalene	8.05	128	7635616	302.207	ng	# 98
32) Benzoic acid	7.82	122	618445	107.181	ng	# 13
33) 4-Chloroaniline	8.05	127	1098187	103.361	ng	# 37
35) Caprolactam	8.66	113	524	0.226	ng	# 49
36) 4-Chloro-3-methylphenol	8.56	107	1959	0.265	ng	# 76
37) 2-Methylnaphthalene	8.72	142	555374	33.006	ng	# 99
45) 1,1'-Biphenyl	9.17	154	116157	4.700	ng	# 96
46) 2-Chloronaphthalene	9.25	162	2379	0.124	ng	# 51
47) 2-Nitroaniline	9.29	65	605	0.101	ng	# 63
48) Acenaphthylene	9.62	152	576162	19.253	ng	# 100
49) Dimethylphthalate	9.75	163	71990	3.151	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	38289	7.774	ng	# 26

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

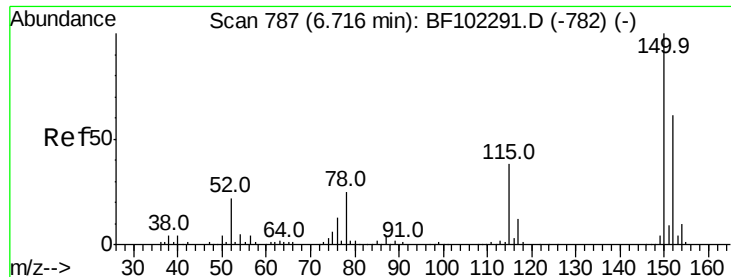
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:16:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) Acenaphthene	9.78	154	108899	6.231	ng	98
52) 3-Nitroaniline	9.96	138	5160	0.886	ng	# 22
54) Dibenzofuran	9.96	168	307988	13.021	ng	100
55) 4-Nitrophenol	9.96	139	116211	30.216	ng	# 10
56) 2,4-Dinitrotoluene	9.75	165	38289	6.322	ng	# 24
57) Fluorene	10.30	166	308683	16.469	ng	99
59) Diethylphthalate	10.17	149	7077	0.319	ng	94
61) 4-Nitroaniline	10.30	138	3501	0.602	ng	# 25
62) Azobenzene	10.43	77	2189	0.108	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	763	0.237	ng	# 1
65) n-Nitrosodiphenylamine	10.20	169	7697	0.434	ng	90
66) 4-Bromophenyl-phenylether	10.55	248	22325	4.290	ng	# 1
70) Phenanthrene	11.26	178	414852	14.727	ng	98
71) Anthracene	11.26	178	414852	14.429	ng	99
72) Carbazole	11.47	167	630692	22.485	ng	99
73) Di-n-butylphthalate	11.80	149	9202	0.262	ng	# 76
74) Fluoranthene	12.45	202	61055	2.125	ng	99
76) Benzidine	12.83	184	20875	1.623	ng	96
77) Pyrene	12.67	202	42852	1.447	ng	99
79) Butylbenzylphthalate	13.30	149	1598	0.108	ng	# 85
80) Benzo(a)anthracene	13.86	228	11529	0.489	ng	# 85
82) Chrysene	13.90	228	11299	0.472	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.86	149	7899	0.399	ng	# 94
84) Di-n-octyl phthalate	14.47	149	10436	0.324	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.69	276	2117	0.107	ng	# 73
87) Benzo(b)fluoranthene	14.89	252	12077	0.650	ng	# 95
88) Benzo(k)fluoranthene	14.92	252	10431	0.594	ng	# 91
89) Benzo(a)pyrene	15.24	252	8162	0.487	ng	# 85
90) Dibenzo(a,h)anthracene	16.70	278	1046	0.077	ng	# 32
91) Benzo(g,h,i)perylene	17.11	276	618	0.046	ng	# 25

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

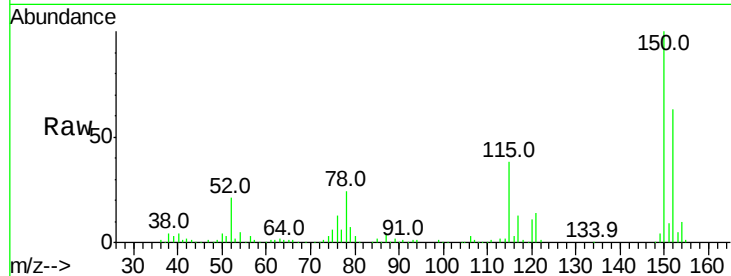


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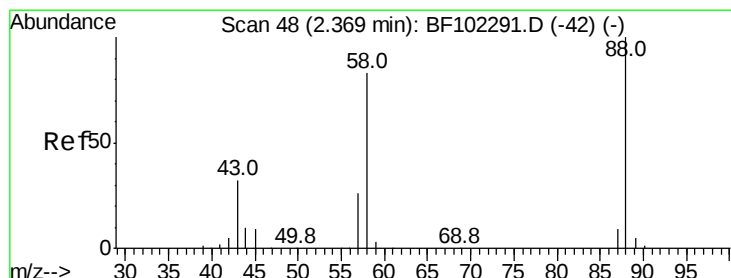
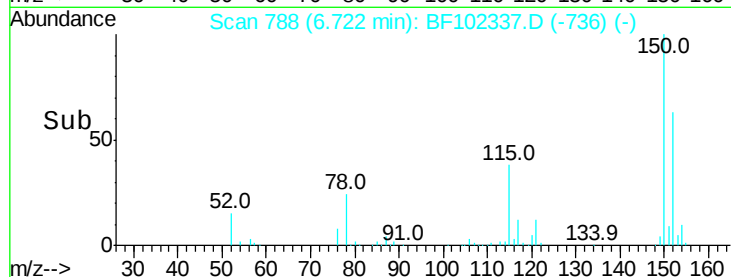
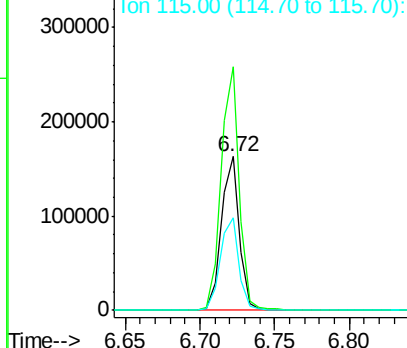
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139381
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.4 50.1 75.1



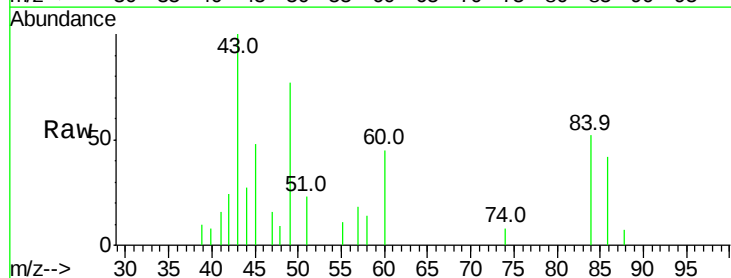
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



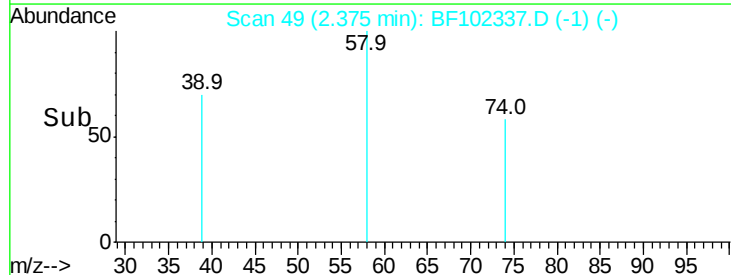
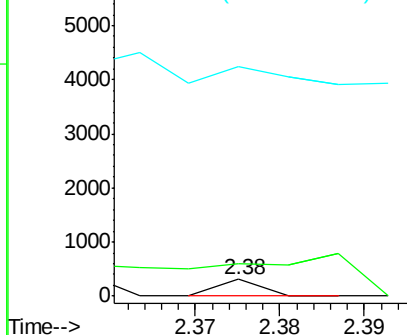
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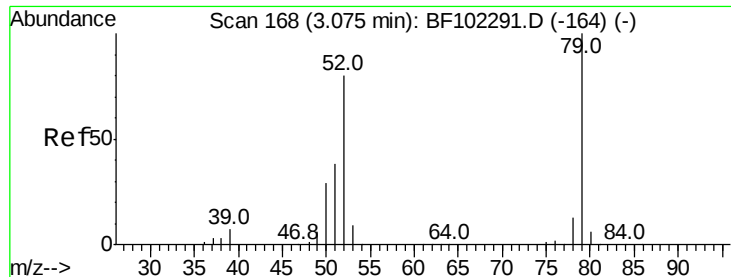
1,4-Dioxane
Concen: 0.025 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
58 759.6 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: 8.690 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.16 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

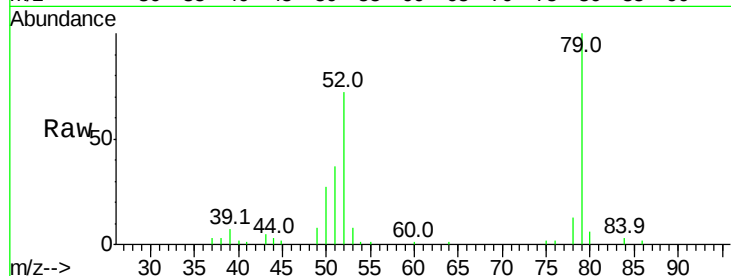
Tot Ion: 79 Resp: 99185

Ion Ratio Lower Upper

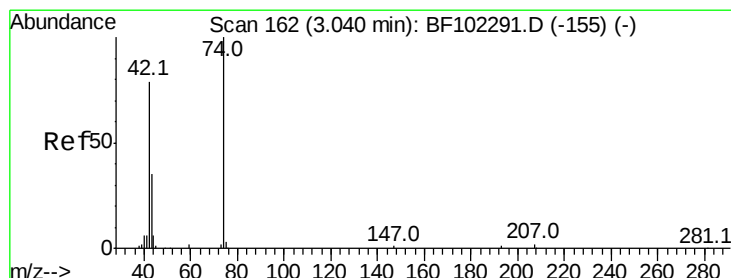
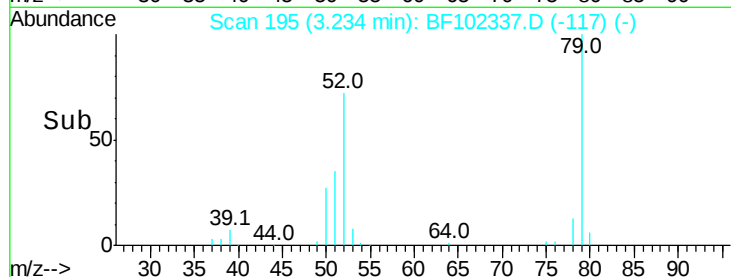
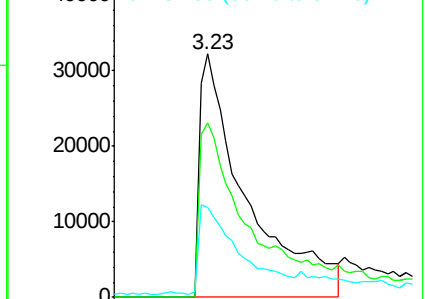
79 100

52 71.7 59.8 89.6

51 36.8 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: 0.166 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

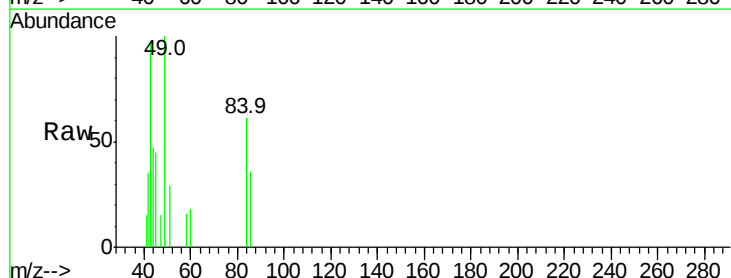
Tgt Ion: 42 Resp: 741

Ion Ratio Lower Upper

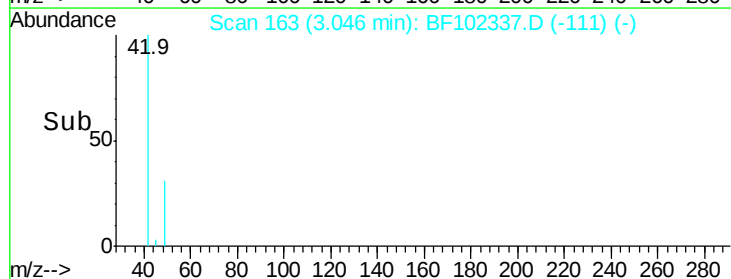
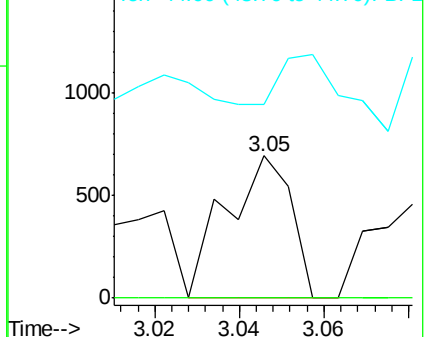
42 100

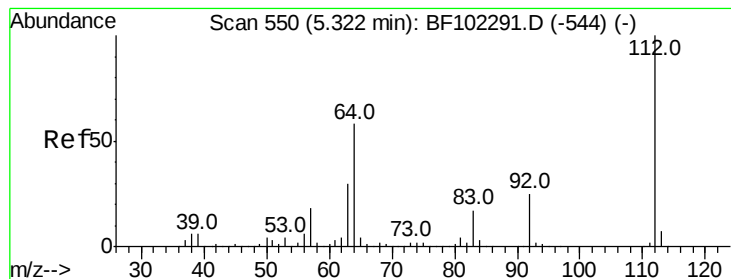
74 0.0 104.9 157.3#

44 136.1 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

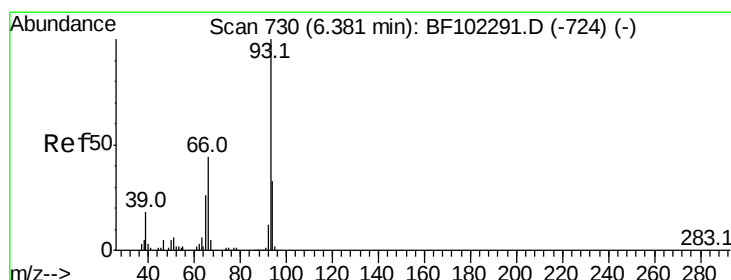
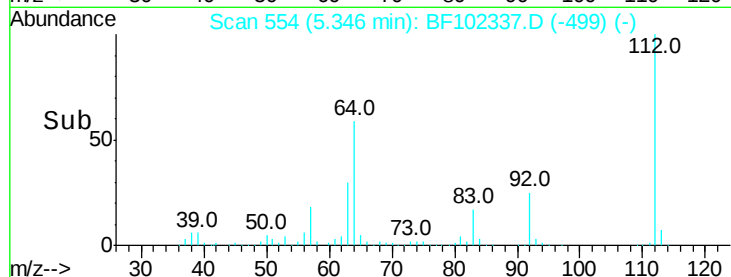
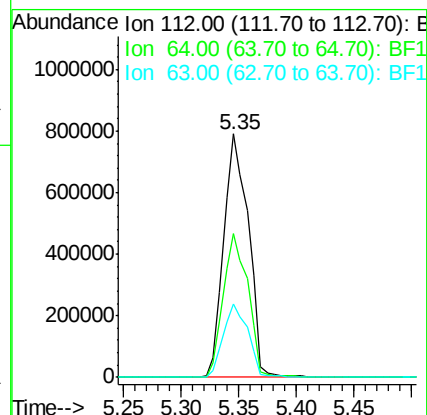
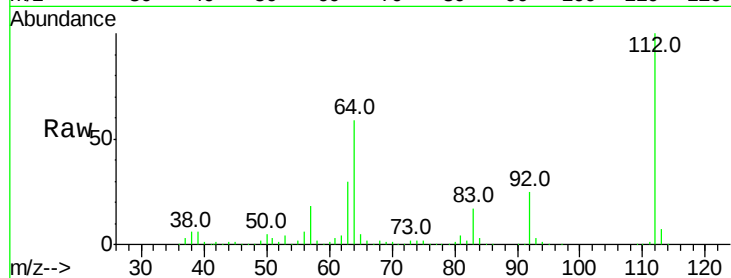




#5
 2-Fluorophenol
 Concen: 128.333 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

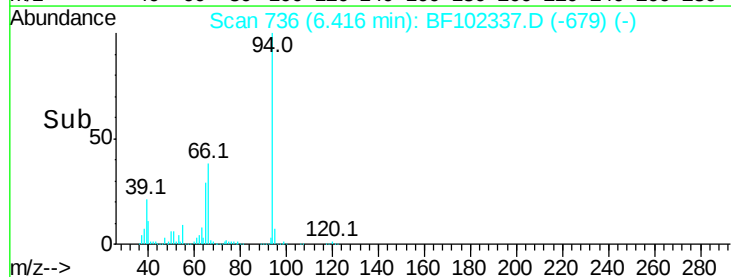
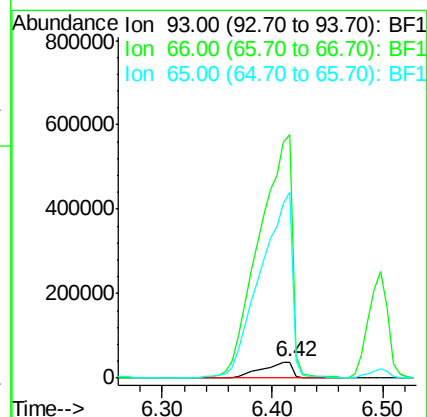
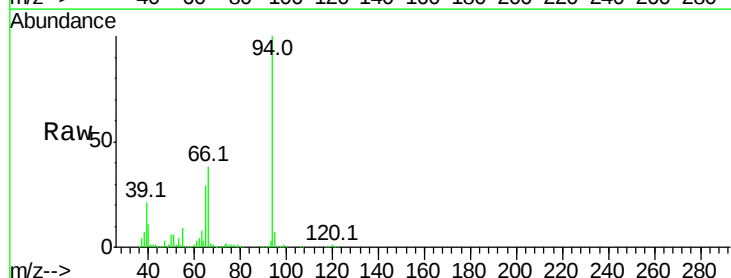
Instrument :
 BNA_F
 ClientSampled :

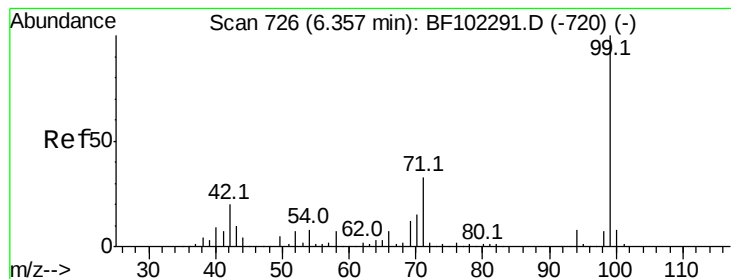
Tot Ion:112 Resp: 1179690
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.1 23.7 35.5



#6
 Aniline
 Concen: 5.164 ng
 RT: 6.42 min Scan# 736
 Delta R.T. 0.04 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion: 93 Resp: 75689
 Ion Ratio Lower Upper
 93 100
 66 1502.2 32.2 48.2#
 65 1144.2 16.4 24.6#





#7

Phenol-d6

Concen: 106.443 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

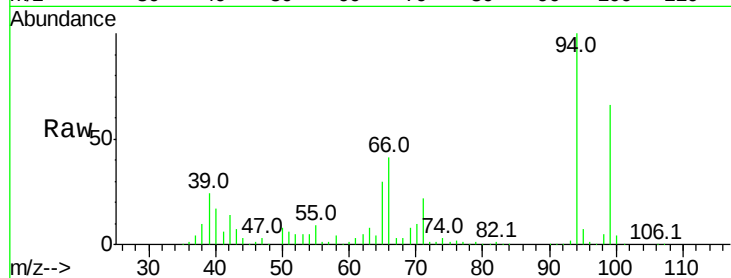
Tot Ion: 99 Resp: 1179636

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

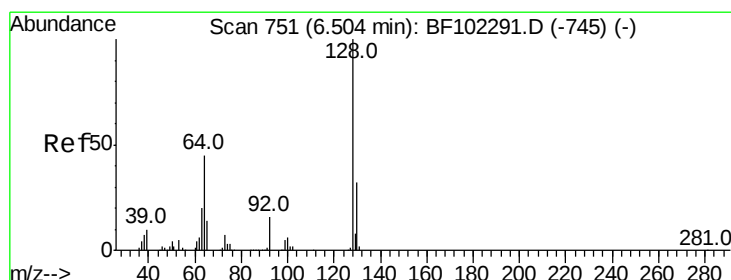
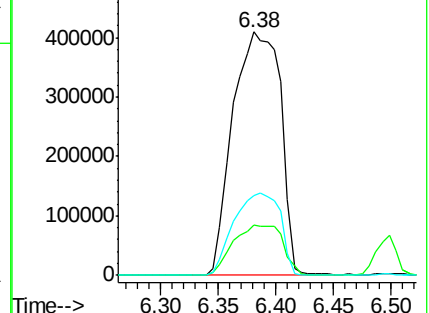
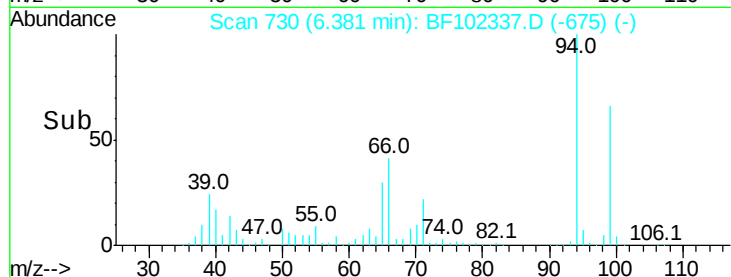
71 32.6 25.4 38.0



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: 0.056 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

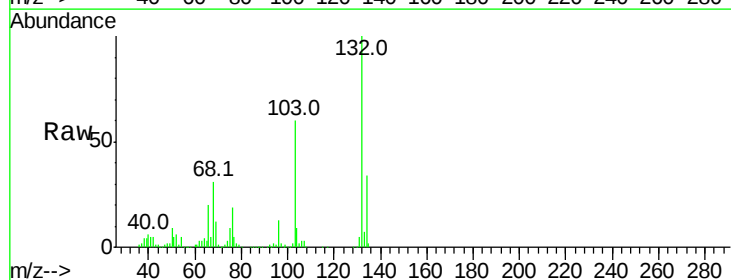
Tgt Ion:128 Resp: 544

Ion Ratio Lower Upper

128 100

130 124.7 13.0 53.0#

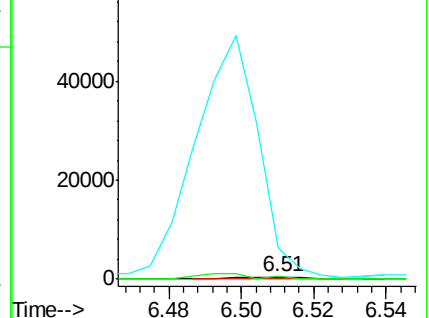
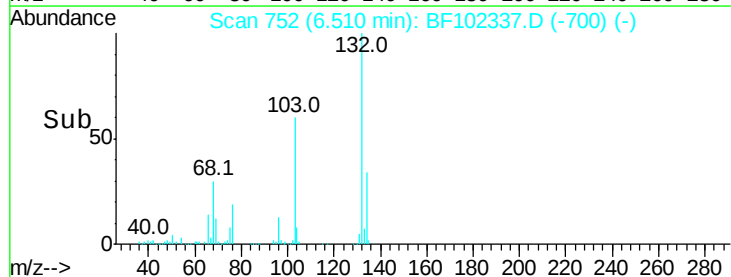
64 1464.9 29.4 69.4#

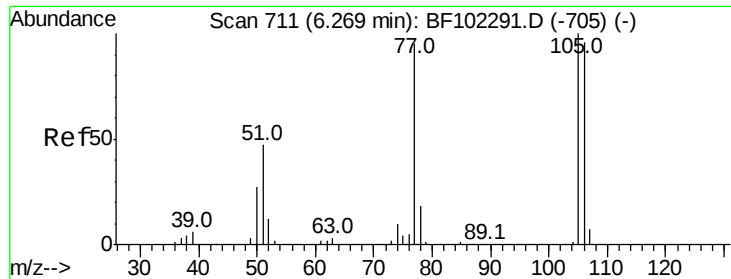


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.408 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.05 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

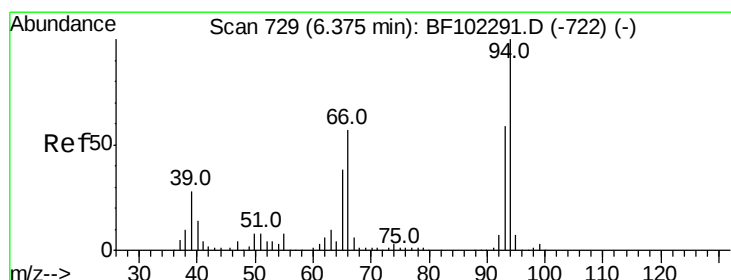
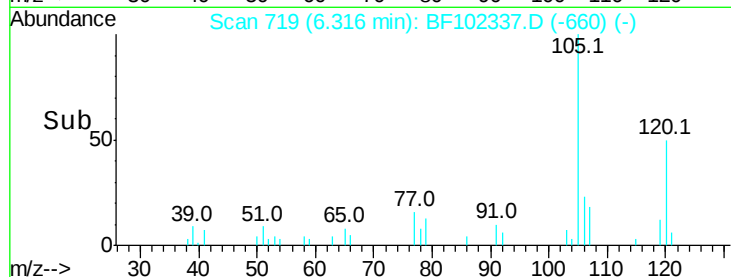
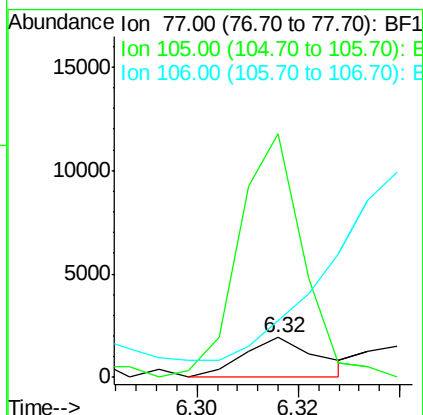
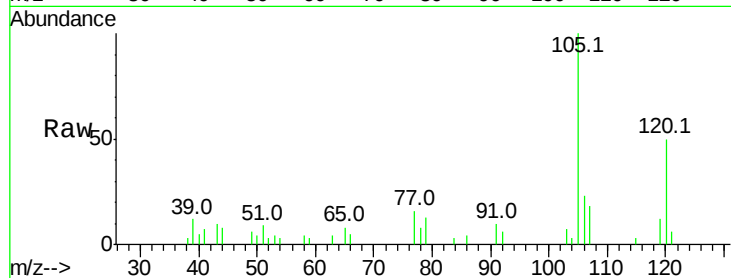
Tot Ion: 77 Resp: 1966

Ion Ratio Lower Upper

77 100

105 616.9 81.1 121.1#

106 144.8 74.5 114.5#



#10

Phenol

Concen: 252.348 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.04 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

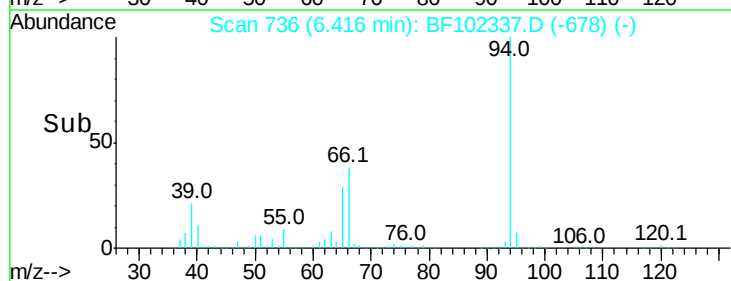
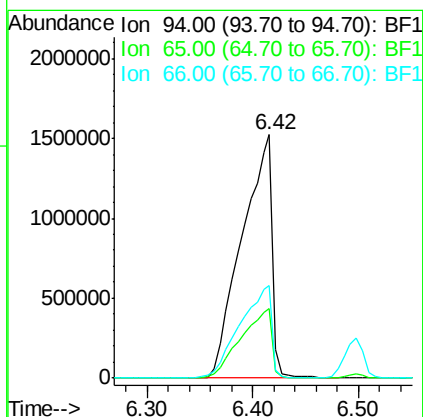
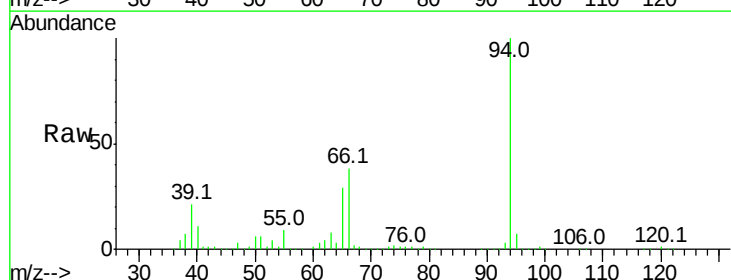
Tgt Ion: 94 Resp: 3053120

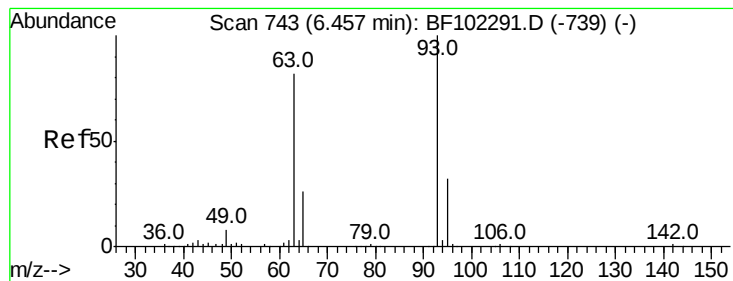
Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

66 37.8 16.2 56.2

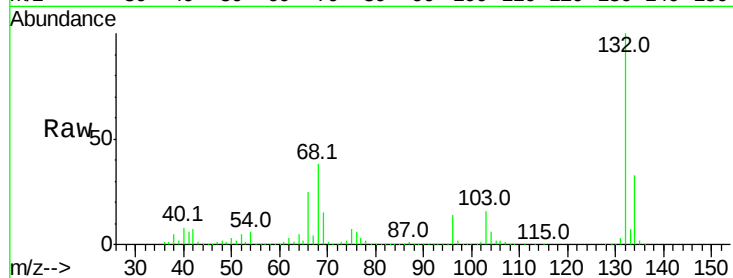




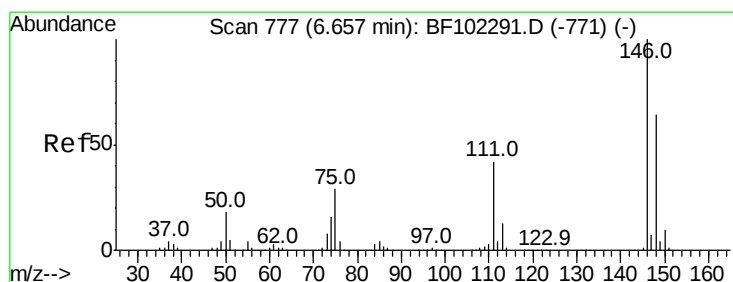
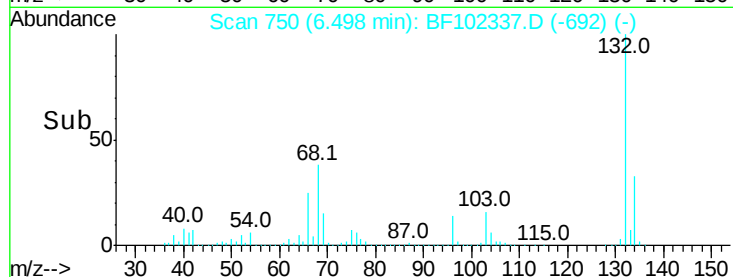
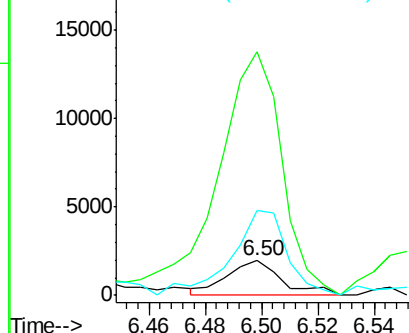
#11
bis(2-Chloroethyl)ether
Concen: 0.288 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.04 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 2651
Ion Ratio Lower Upper
93 100
63 706.9 58.6 98.6#
95 245.0 11.8 51.8#

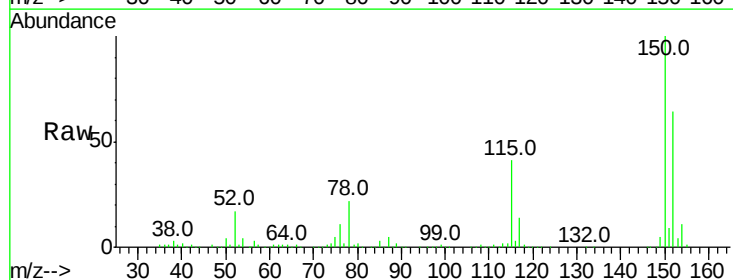


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

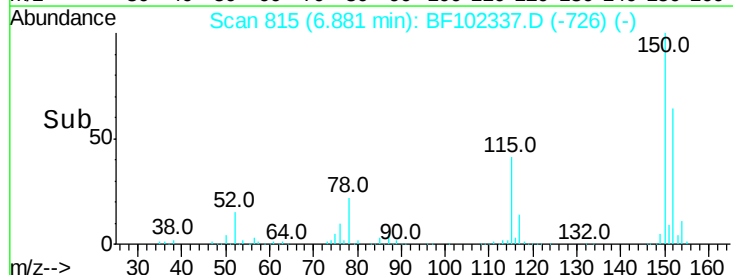
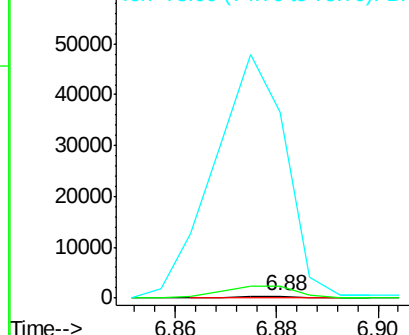


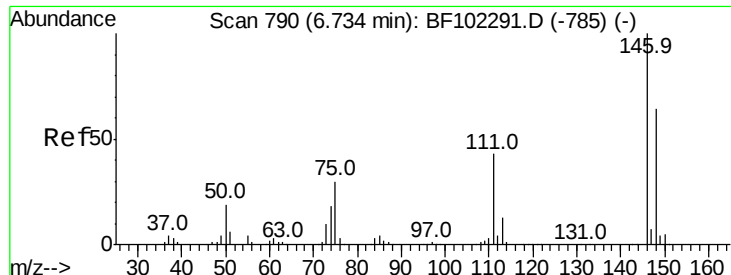
#12
1,3-Dichlorobenzene
Concen: 0.021 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.22 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:146 Resp: 237
Ion Ratio Lower Upper
146 100
148 284.1 51.8 77.8#
75 4638.4 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

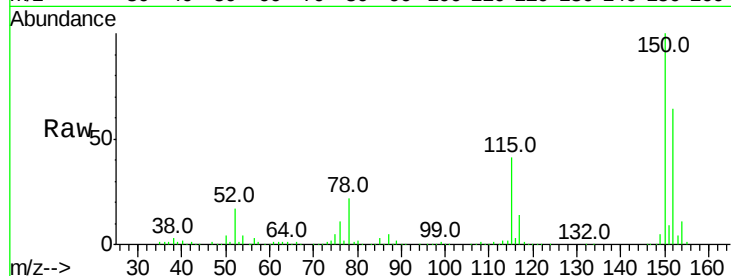




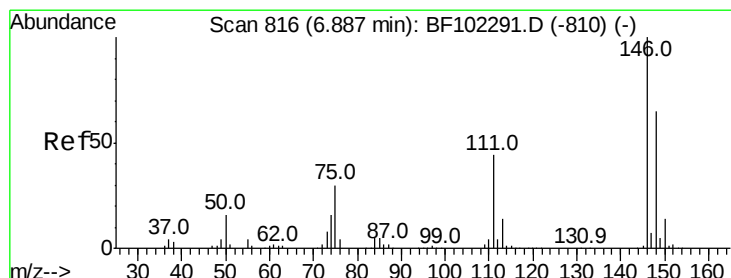
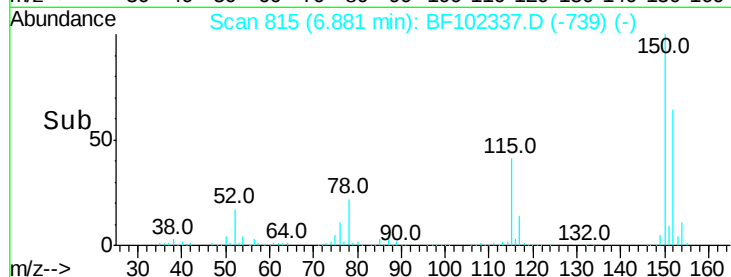
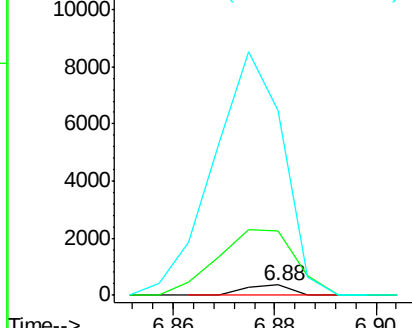
#13
 1,4-Dichlorobenzene
 Concen: 0.021 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.15 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 237
 Ion Ratio Lower Upper
 146 100
 148 284.1 50.8 76.2#
 111 823.3 34.2 51.2#

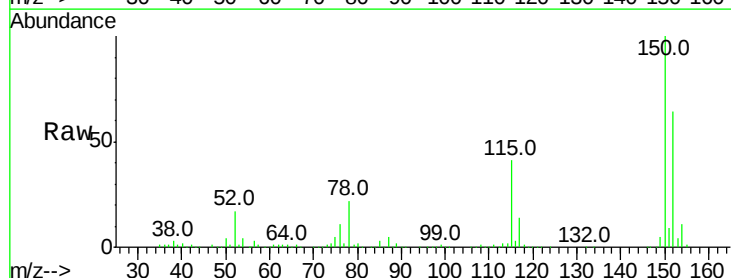


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

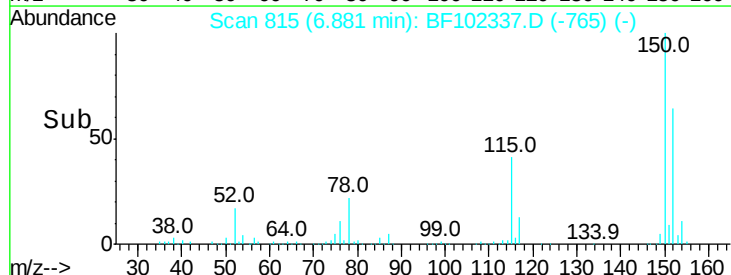
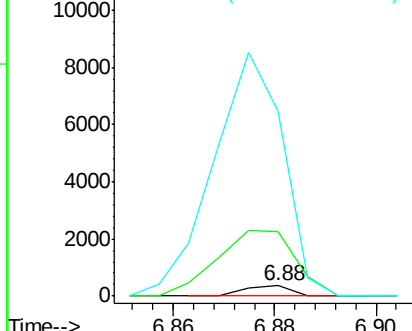


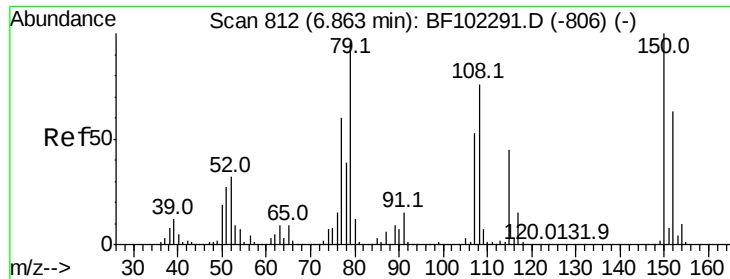
#14
 1,2-Dichlorobenzene
 Concen: 0.023 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion:146 Resp: 237
 Ion Ratio Lower Upper
 146 100
 148 284.1 50.6 75.8#
 111 823.3 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

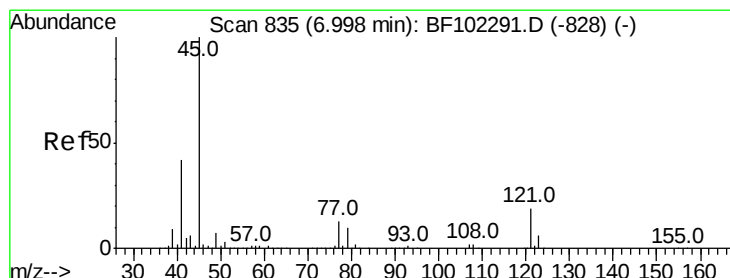
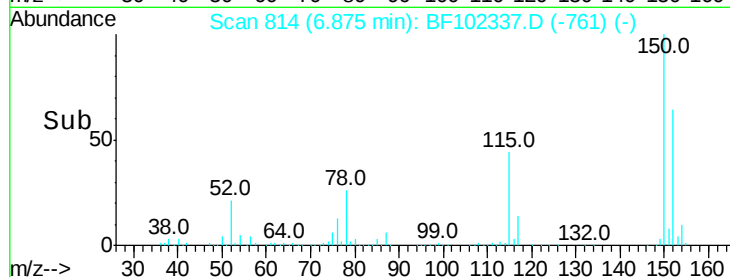
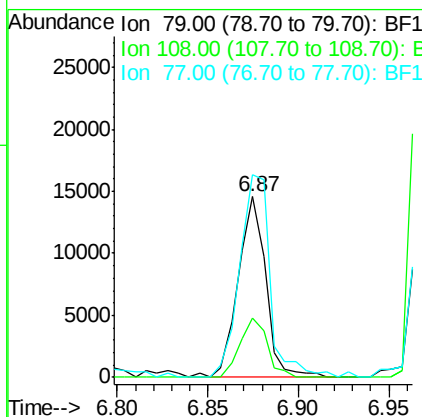
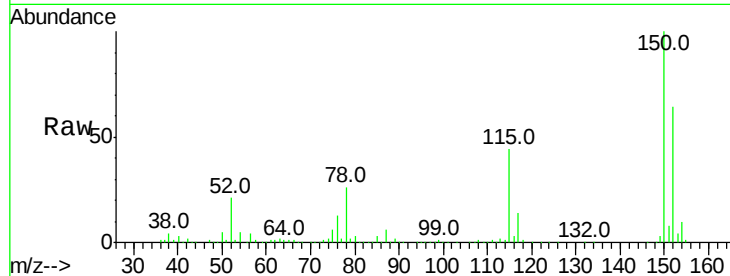




#15
Benzyl Alcohol
Concen: 1.981 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

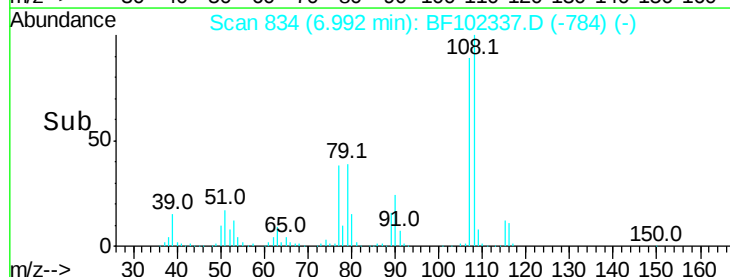
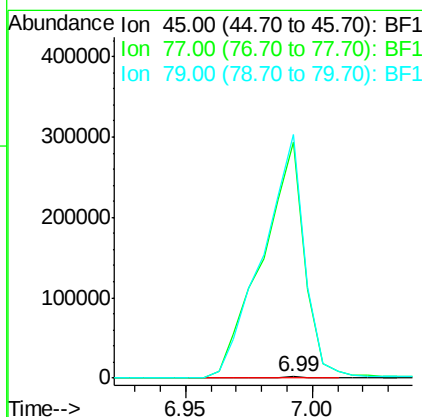
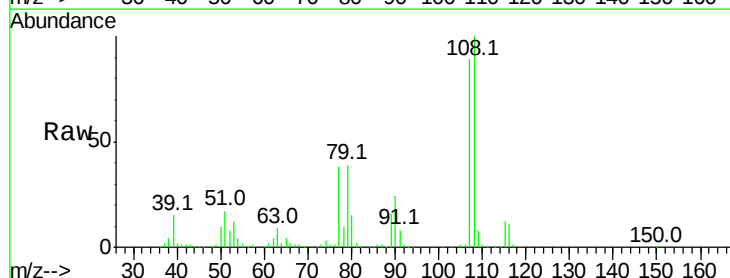
Instrument :
BNA_F
ClientSampleId :

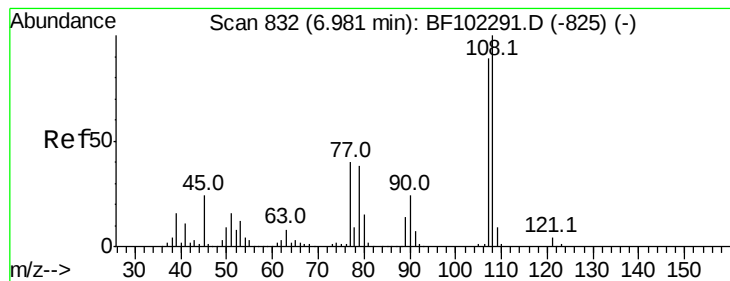
Tot Ion: 79 Resp: 15488
Ion Ratio Lower Upper
79 100
108 32.8 65.1 97.7#
77 112.3 50.6 75.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.168 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion: 45 Resp: 2596
Ion Ratio Lower Upper
45 100
77 22149.0 0.0 32.9#
79 22853.7 0.0 29.6#





#17

2-Methylphenol

Concen: 98.452 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 823929

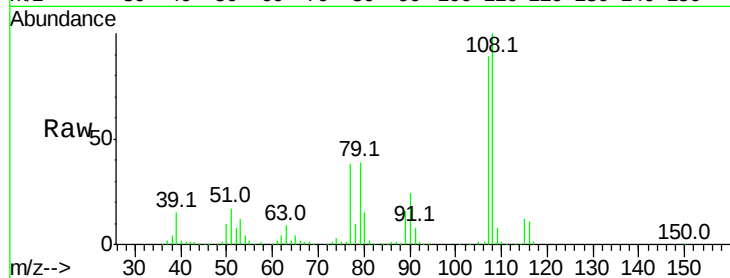
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 42.5 33.8 50.8

79 43.9 33.8 50.8

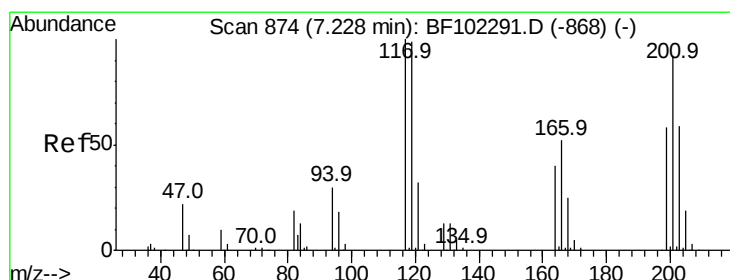
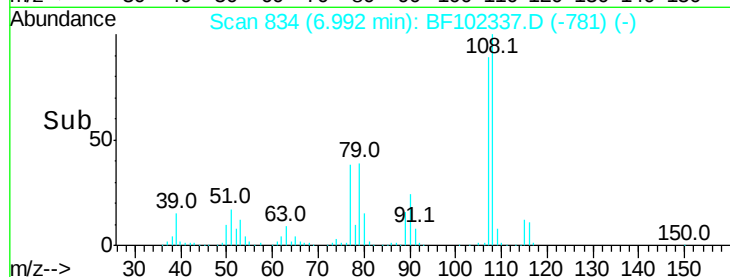
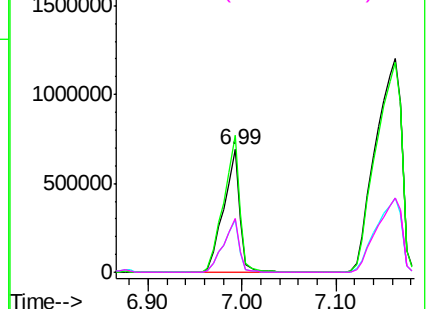


Abundance Ion 107.00 (106.70 to 107.70): E

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: 17.811 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.08 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

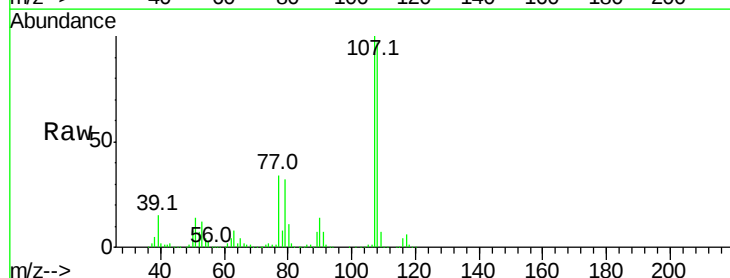
Tgt Ion:117 Resp: 71252

Ion Ratio Lower Upper

117 100

119 0.7 75.8 113.8#

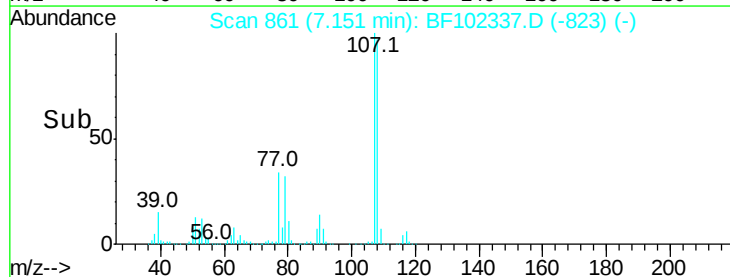
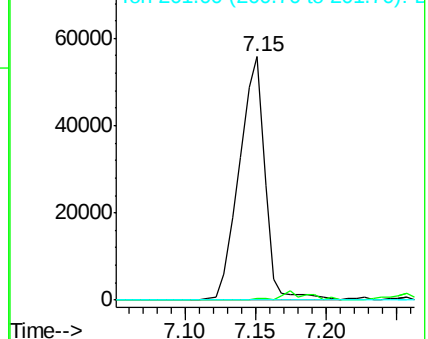
201 0.0 75.7 113.5#

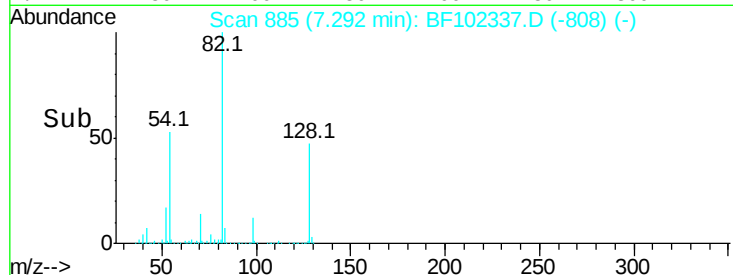
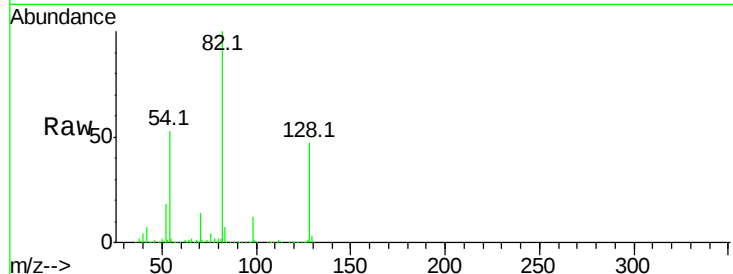
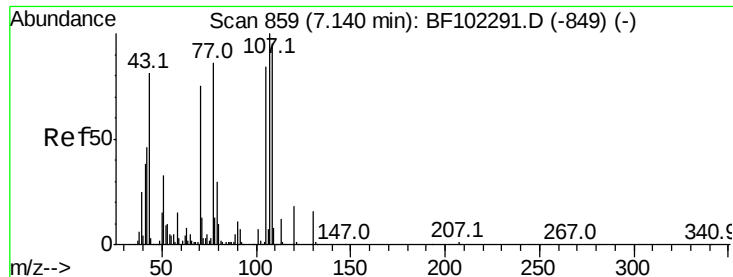


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

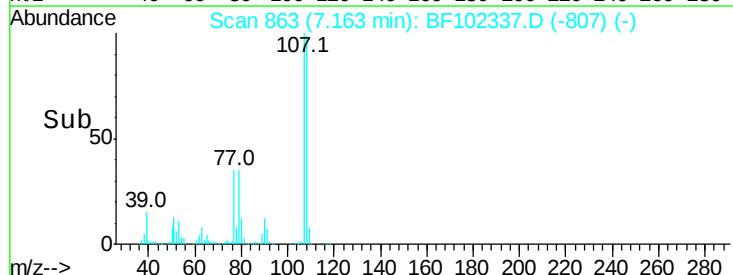
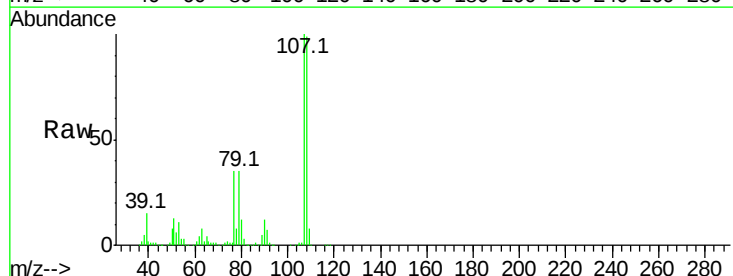
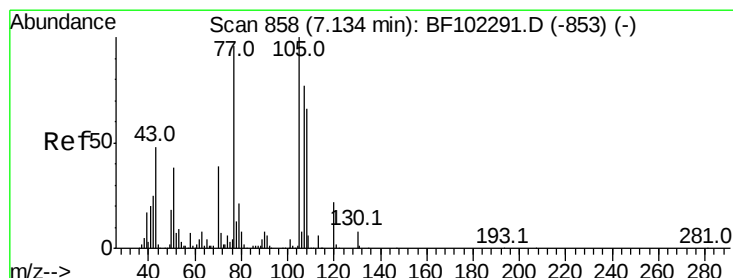
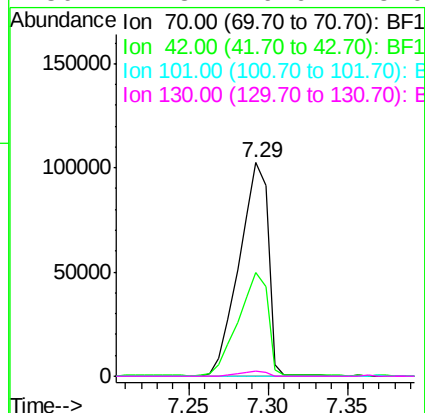




#19
n-Nitroso-di-n-propylamine
Concen: 19.127 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

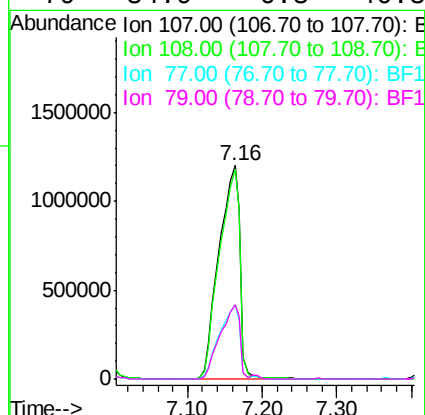
Instrument :
BNA_F
ClientSampleId :

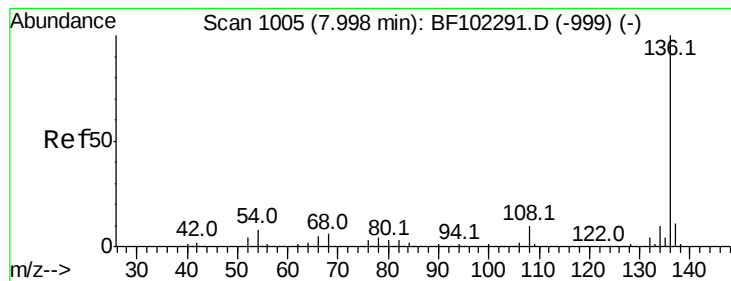
Tot Ion: 70 Resp: 129723
Ion Ratio Lower Upper
70 100
42 48.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#20
3+4-Methylphenols
Concen: 238.748 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.03 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:107 Resp: 2349904
Ion Ratio Lower Upper
107 100
108 98.5 68.2 108.2
77 34.6 26.7 66.7
79 34.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 506047

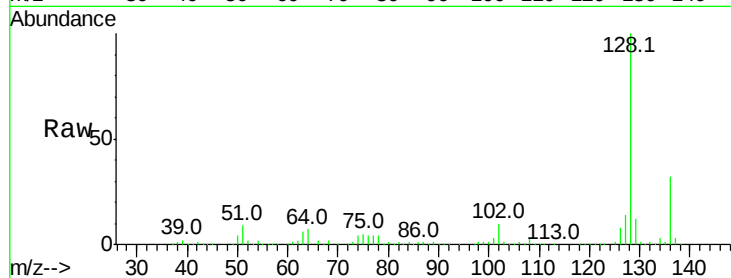
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.6 9.8

68 5.6 5.0 7.4

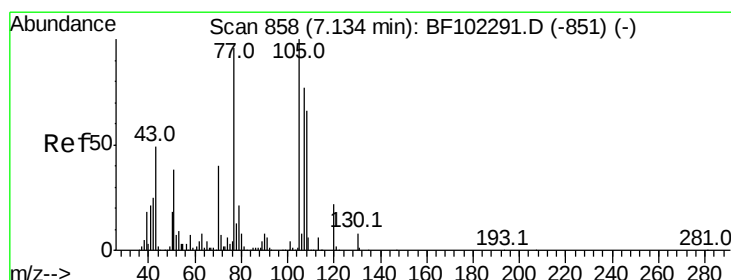
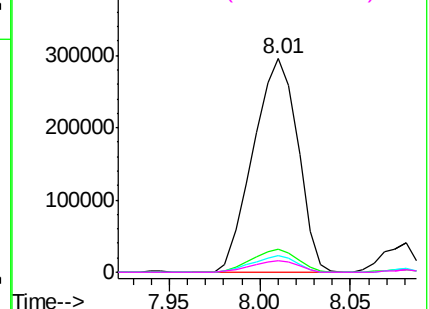
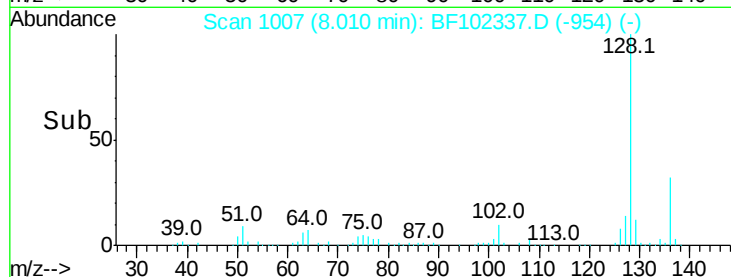


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 2.796 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Tgt Ion:105 Resp: 33733

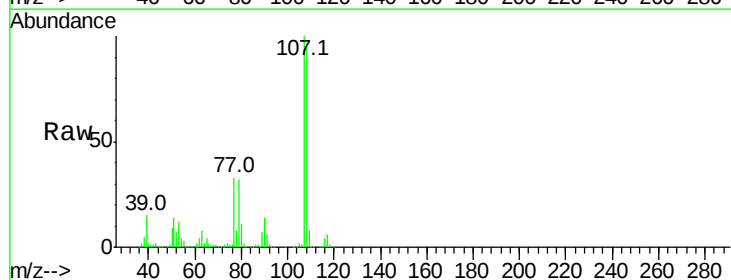
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 706.8 22.3 33.5#

120 10.0 16.9 25.3#

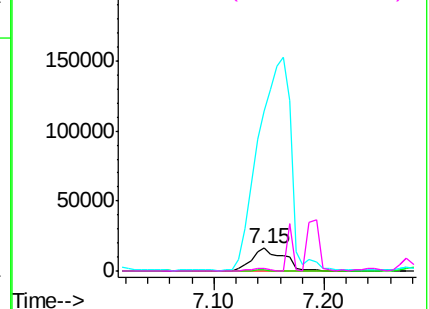
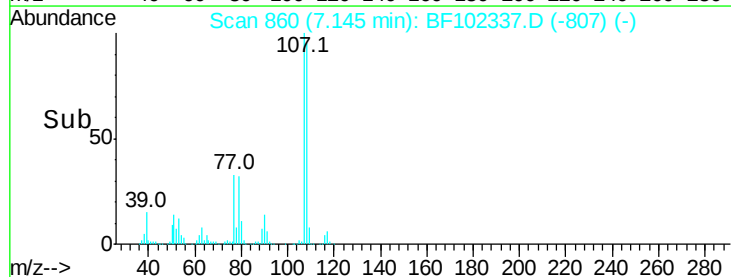


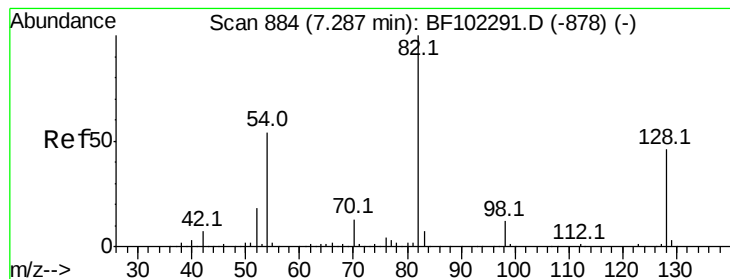
Abundance Ion 105.00 (104.70 to 105.70): E

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: 109.951 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampled :

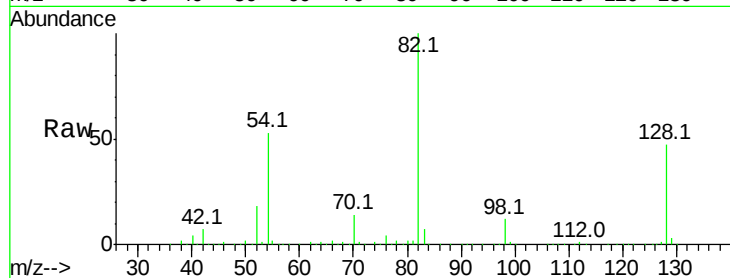
Tot Ion: 82 Resp: 968216

Ion Ratio Lower Upper

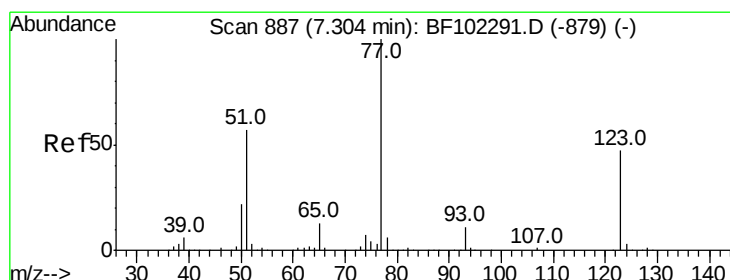
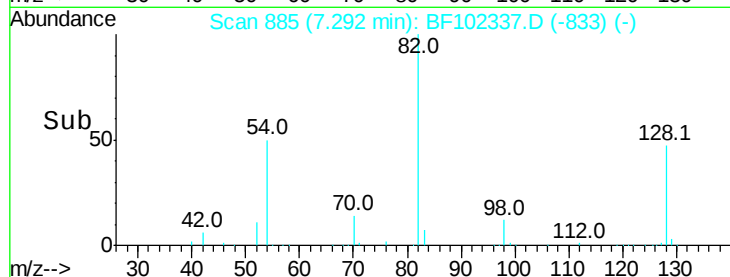
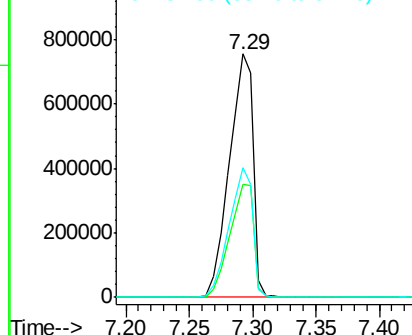
82 100

128 46.5 36.1 54.1

54 53.4 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: 6.852 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.11 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

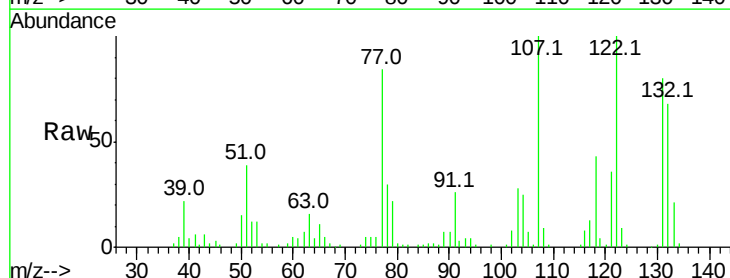
Tgt Ion: 77 Resp: 61747

Ion Ratio Lower Upper

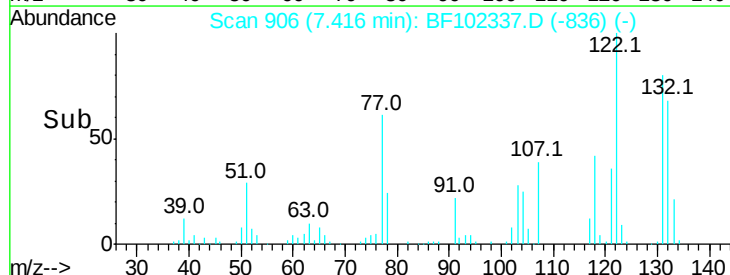
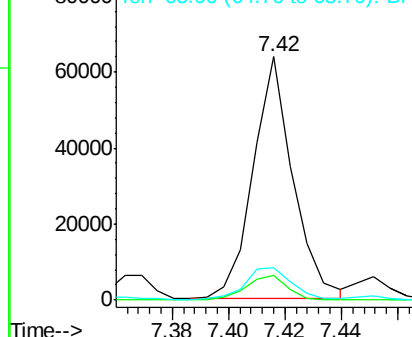
77 100

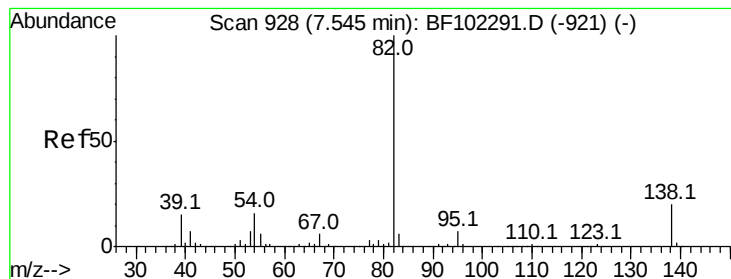
123 10.2 37.9 56.9#

65 13.4 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: 59.831 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

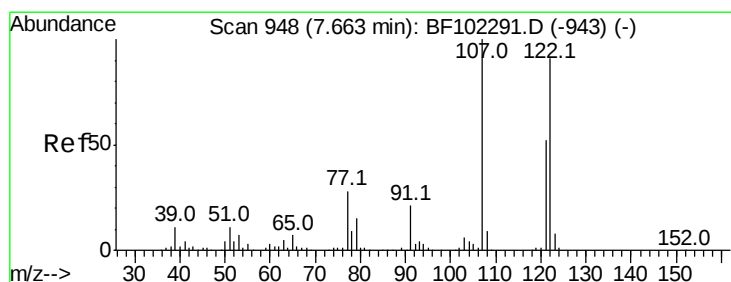
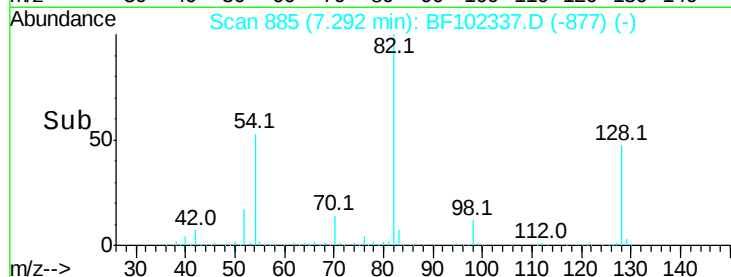
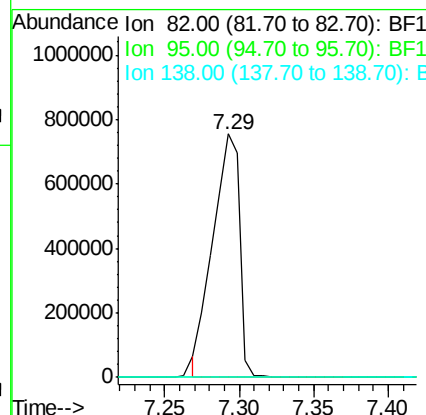
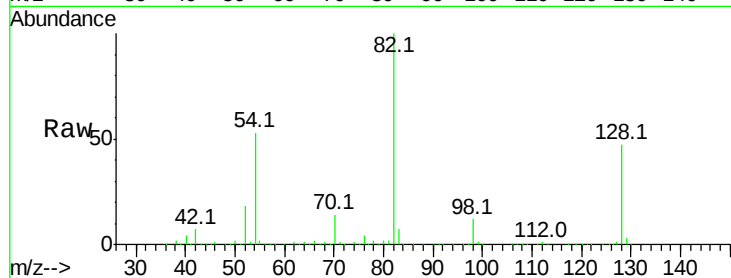
Tot Ion: 82 Resp: 939269

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 76.135 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

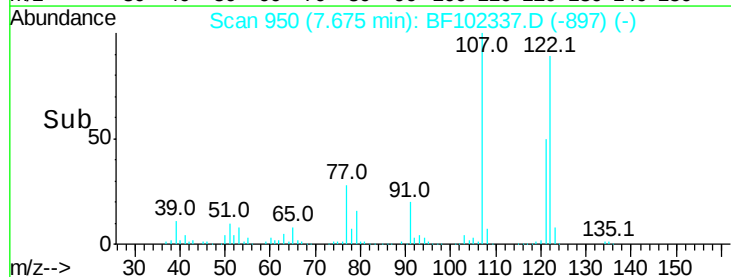
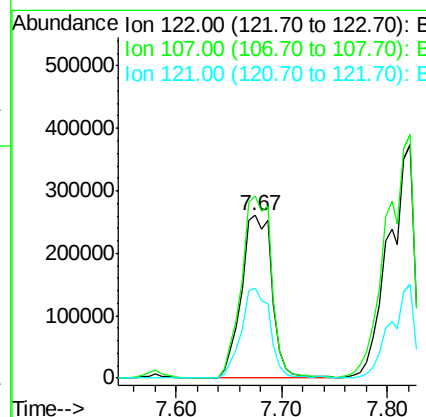
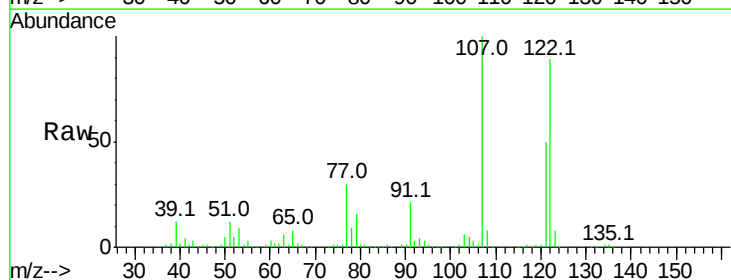
Tgt Ion:122 Resp: 524341

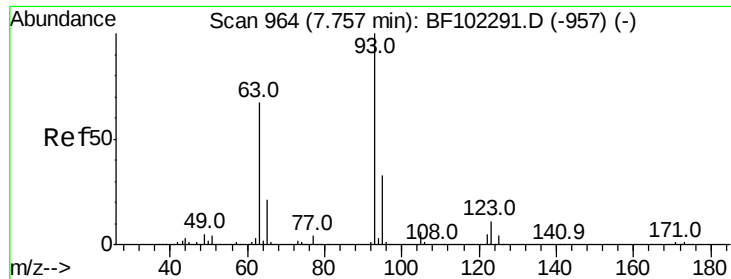
Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

121 55.7 47.2 70.8

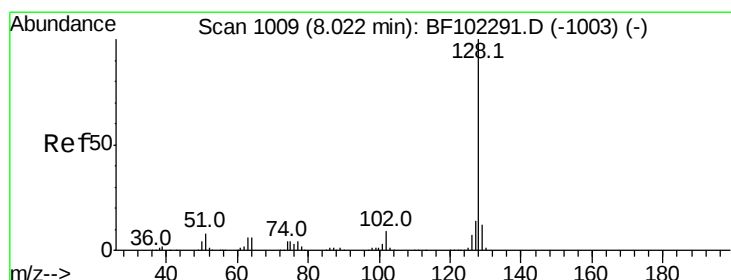
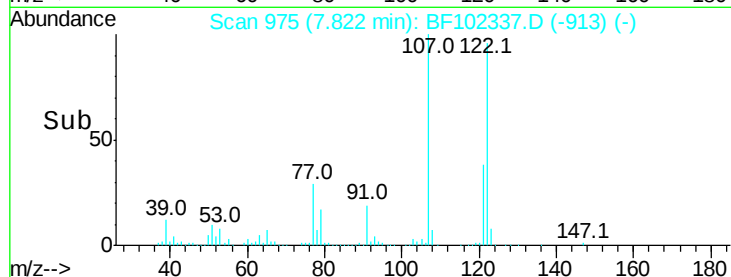
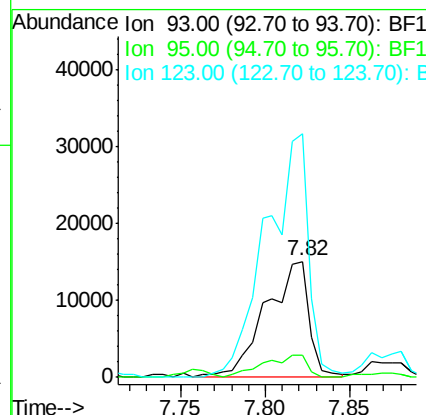
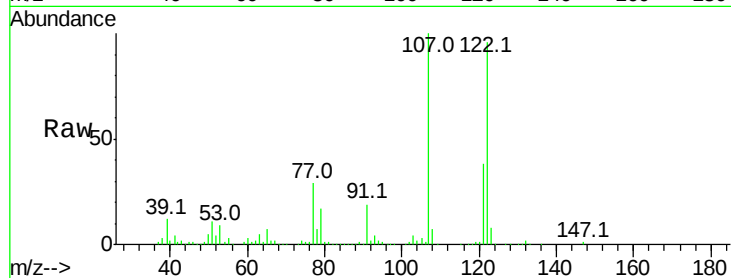




#28
 bis(2-Chloroethoxy)methane
 Concen: 2.780 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.06 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

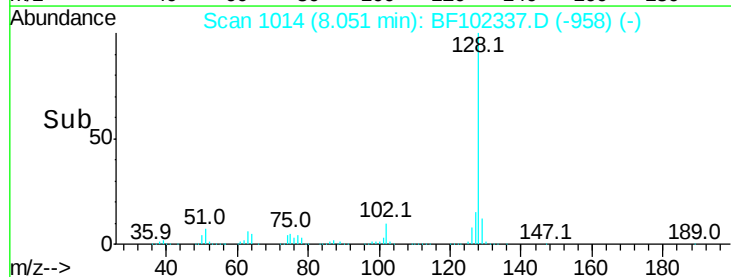
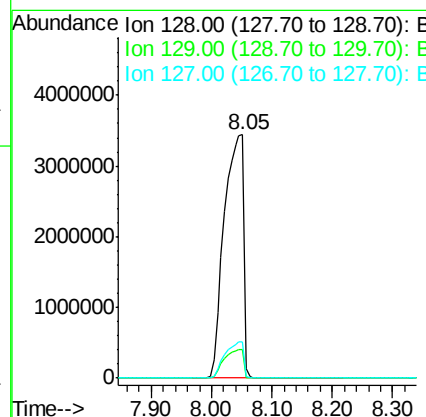
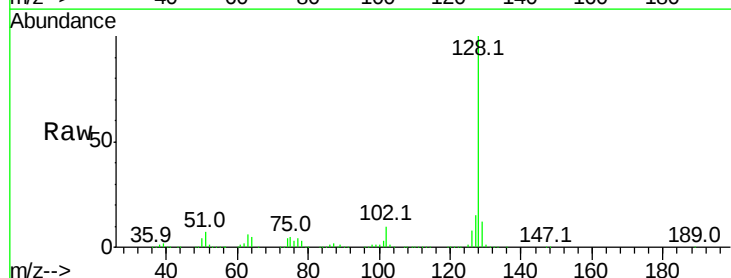
Instrument :
 BNA_F
 ClientSampleId :

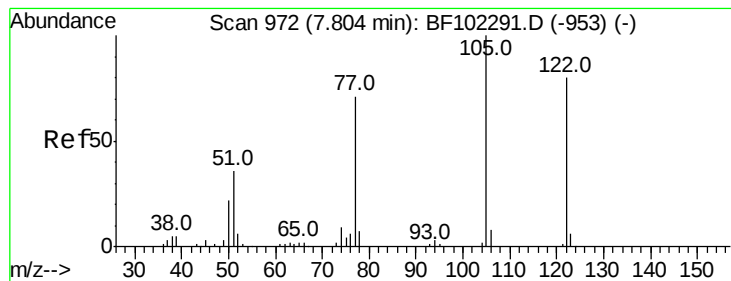
Tot Ion: 93 Resp: 26961
 Ion Ratio Lower Upper
 93 100
 95 19.3 26.3 39.5#
 123 210.0 9.8 14.6#



#31
 Naphthalene
 Concen: 302.207 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.03 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion:128 Resp: 7635616
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 14.7 10.9 16.3





#32

Benzoic acid

Concen: 107.181 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampled :

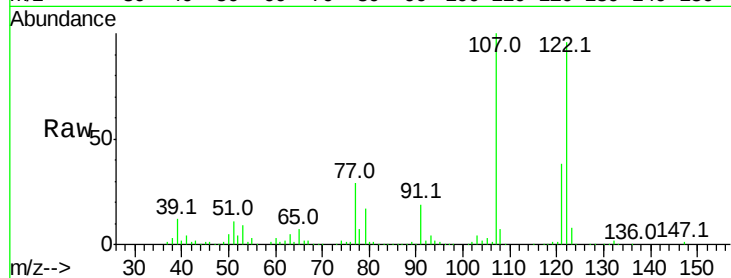
Tot Ion:122 Resp: 618445

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

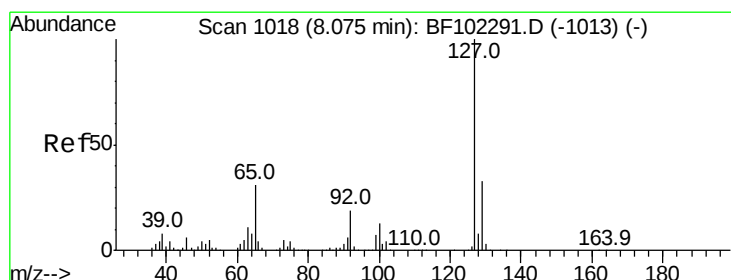
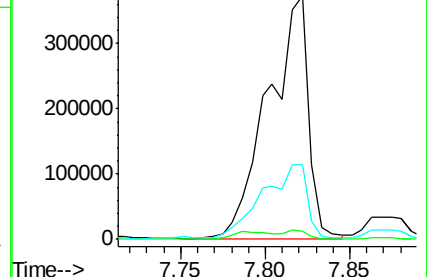
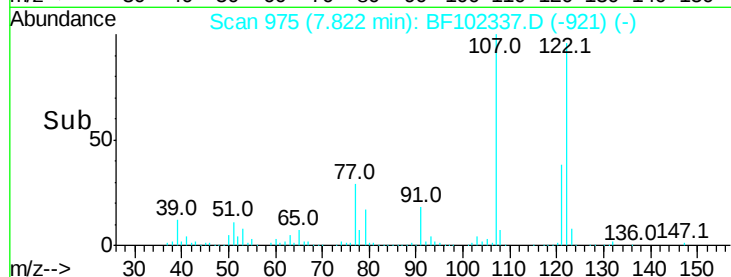
77 30.8 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 103.361 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Tgt Ion:127 Resp: 1098187

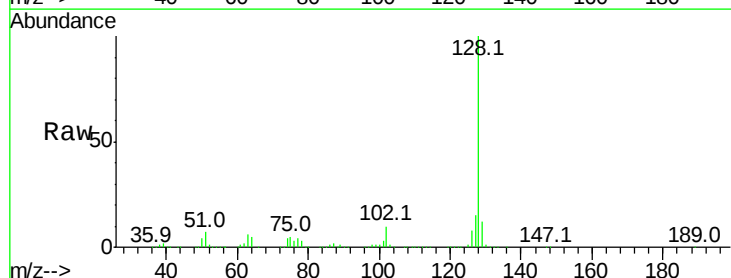
Ion Ratio Lower Upper

127 100

129 78.4 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

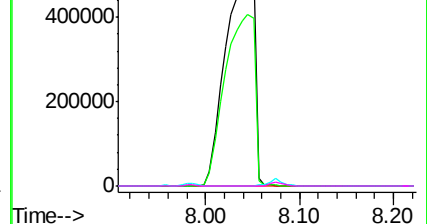
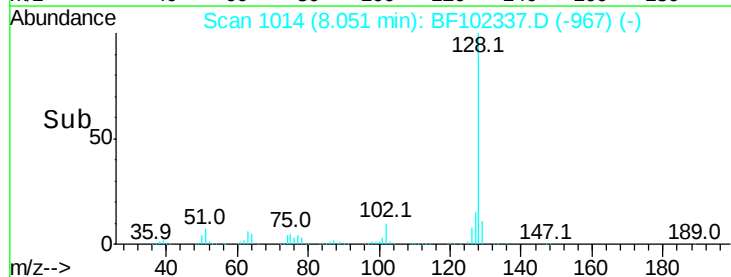


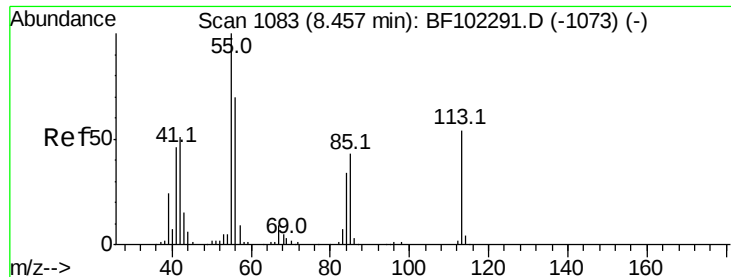
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 0.226 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.20 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

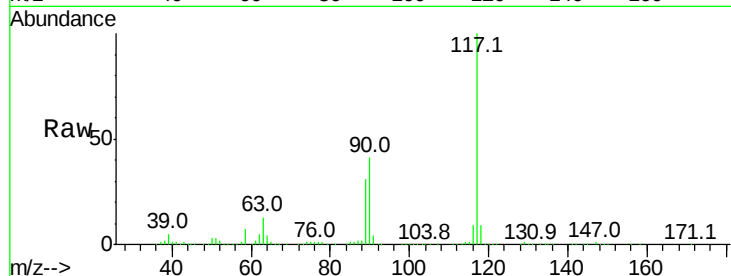
Tot Ion:113 Resp: 524

Ion Ratio Lower Upper

113 100

55 154.7 163.3 203.3#

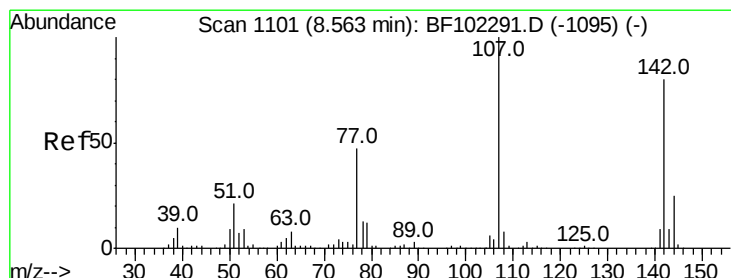
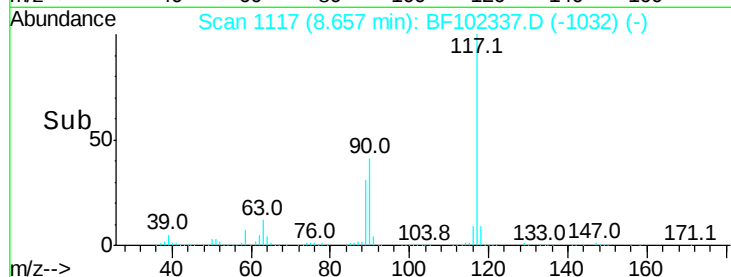
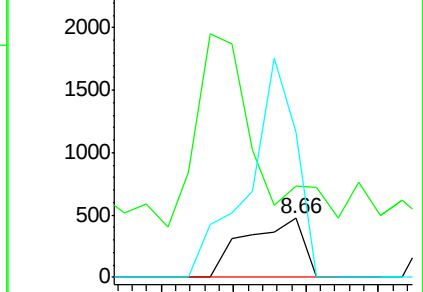
56 246.2 115.7 155.7#



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: 0.265 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

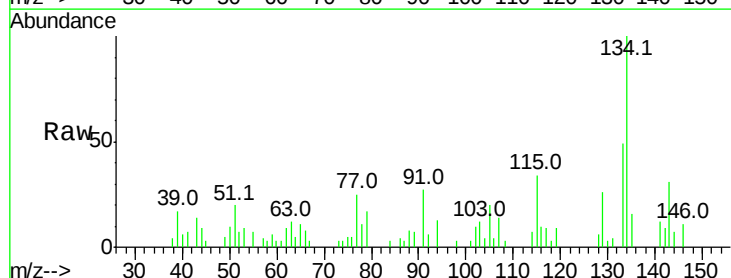
Tgt Ion:107 Resp: 1959

Ion Ratio Lower Upper

107 100

144 48.7 20.5 30.7#

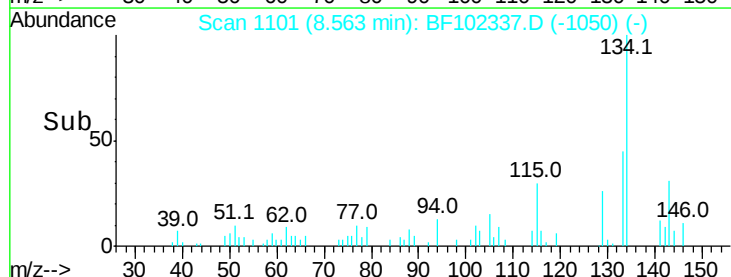
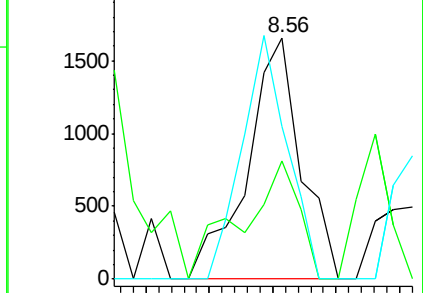
142 63.4 62.0 93.0

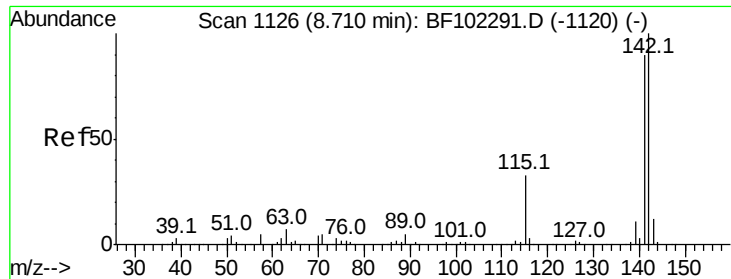


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

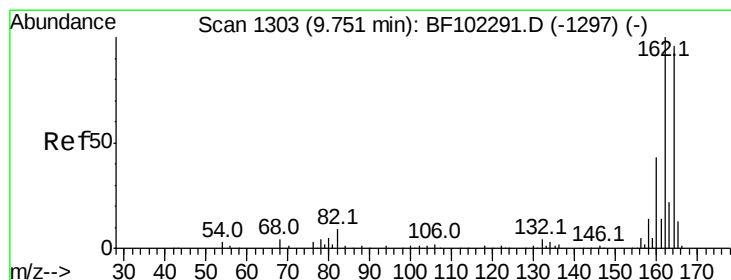
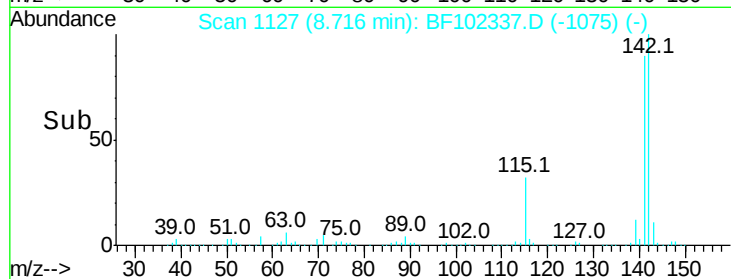
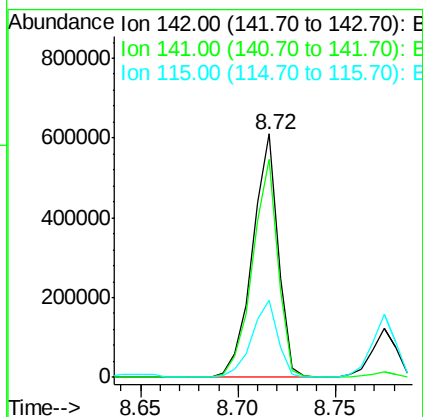
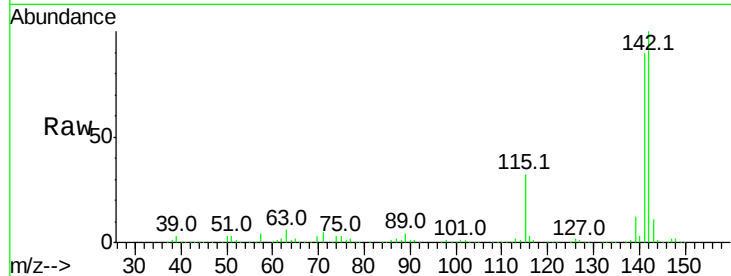




#37
2-Methylnaphthalene
Concen: 33.006 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

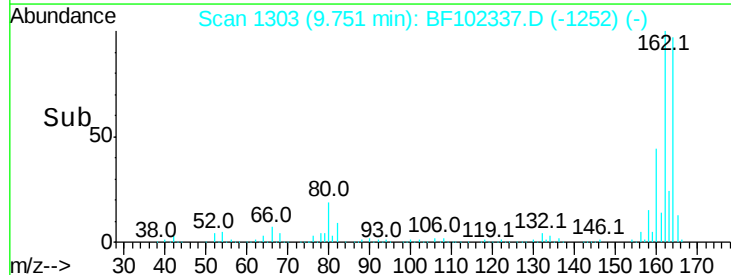
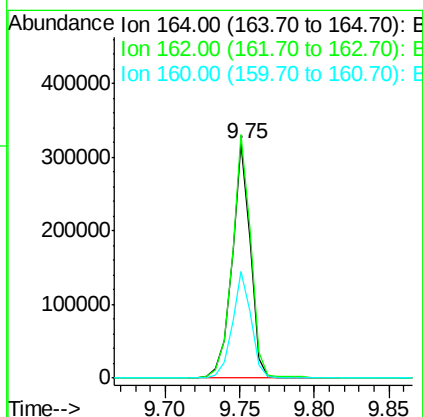
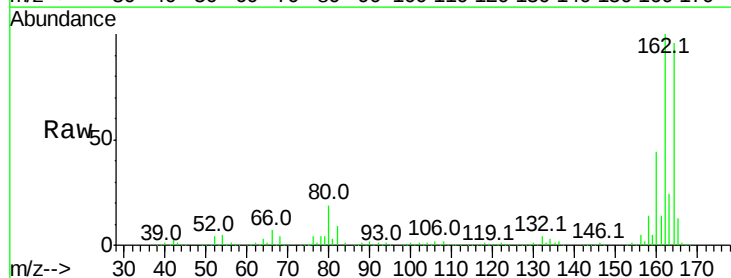
Instrument :
BNA_F
ClientSampleId :

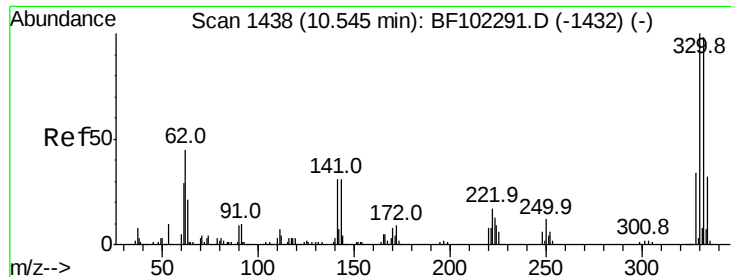
Tot Ion:142 Resp: 555374
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 31.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:164 Resp: 276376
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.6 38.3 57.5

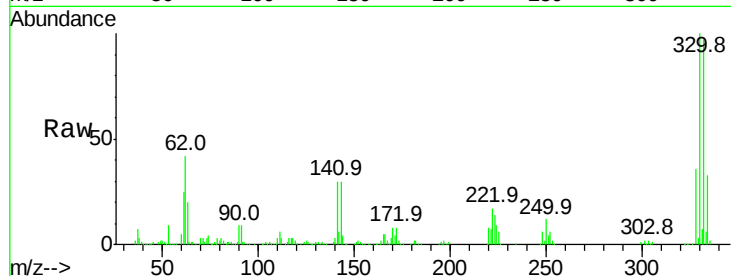




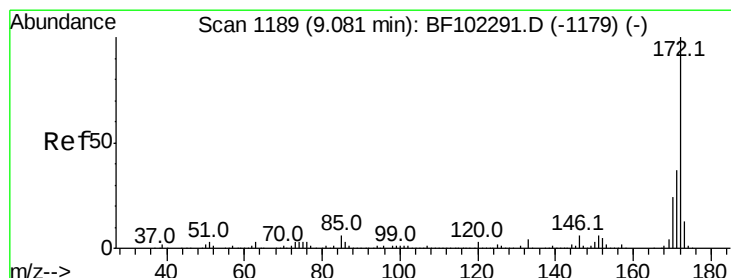
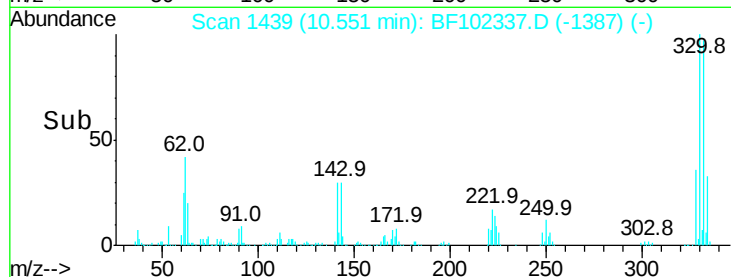
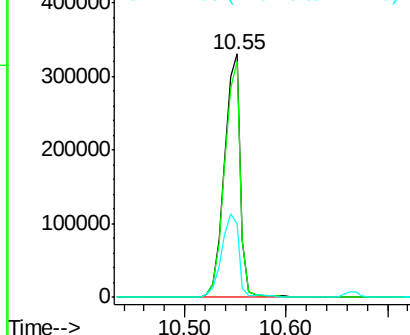
#41
 2,4,6-Tribromophenol
 Concen: 131.457 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.9	29.9	44.9

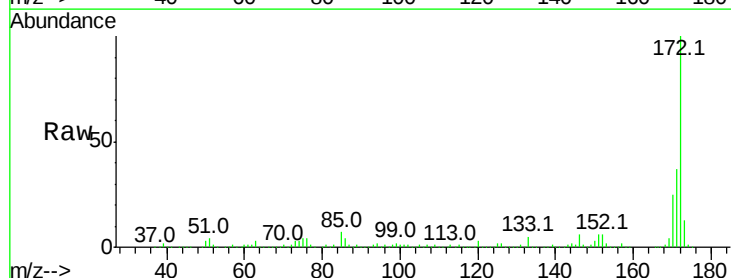


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

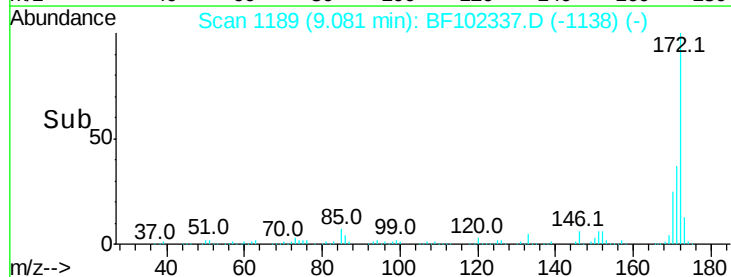
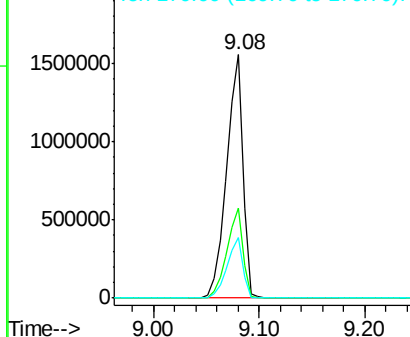


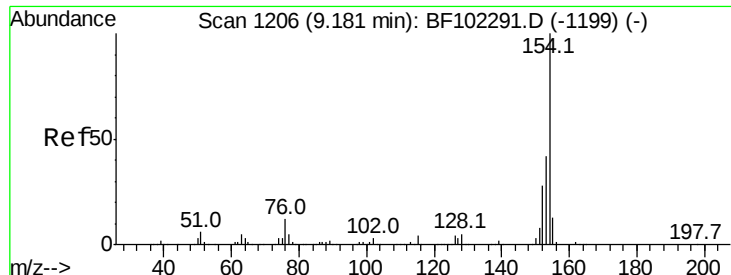
#44
 2-Fluorobiphenyl
 Concen: 88.572 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.8	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

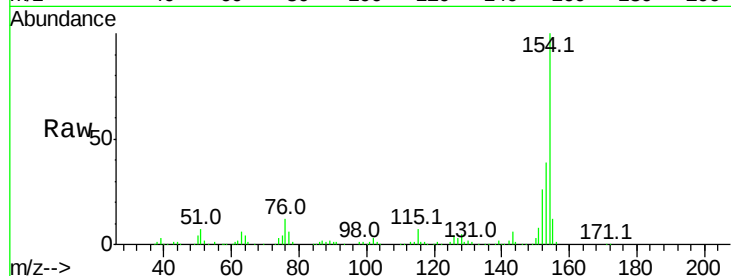




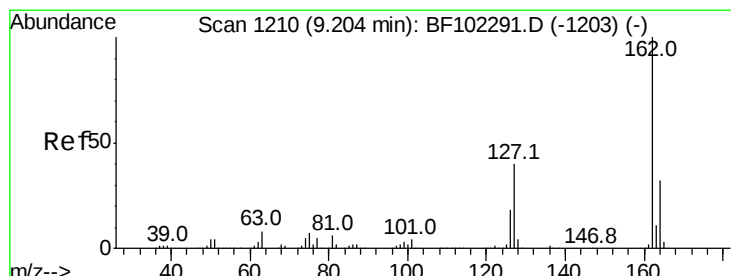
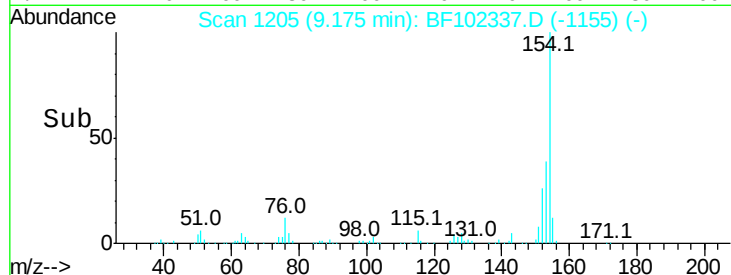
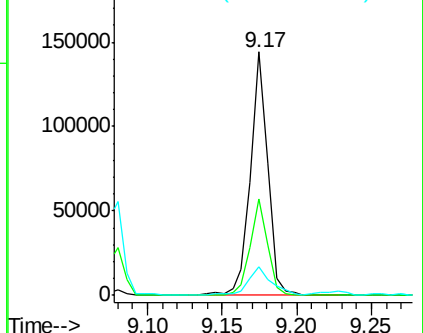
#45
 1,1'-Biphenyl
 Concen: 4.700 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.3	61.3
76	11.9	0.0	34.0

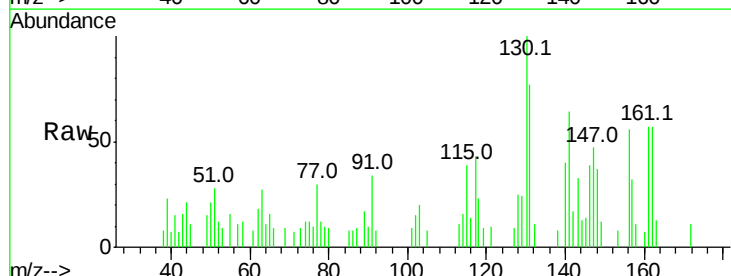


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

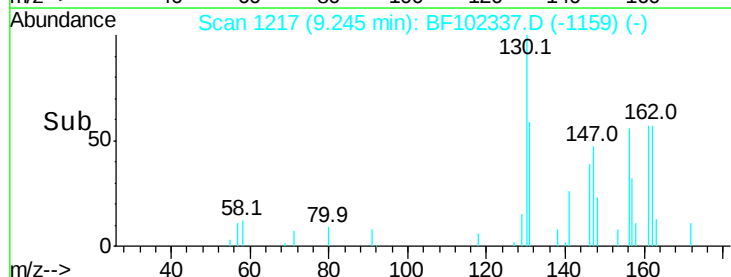
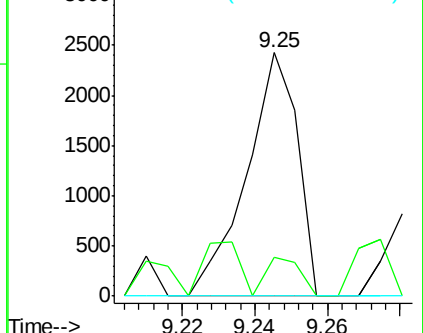


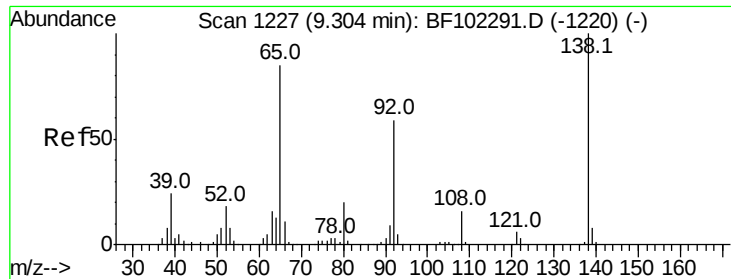
#46
 2-Chloronaphthalene
 Concen: 0.124 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.04 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	16.0	33.9	50.9#
164	0.0	26.5	39.7#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.101 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampled :

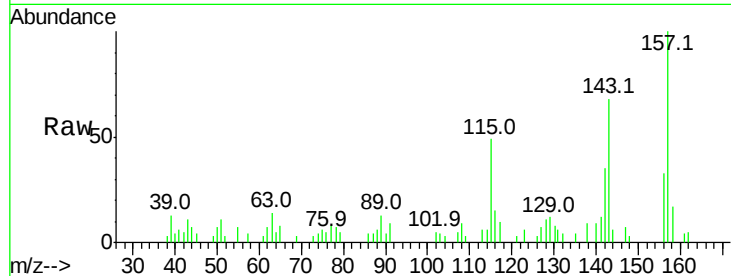
Tot Ion: 65 Resp: 605

Ion Ratio Lower Upper

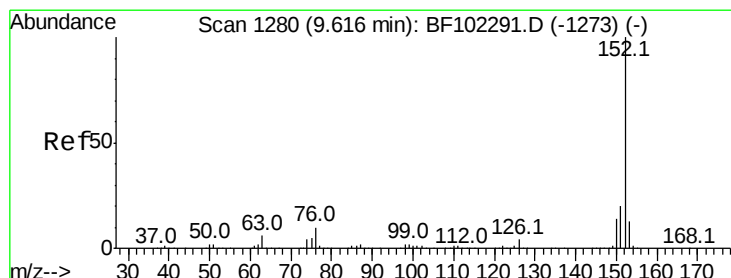
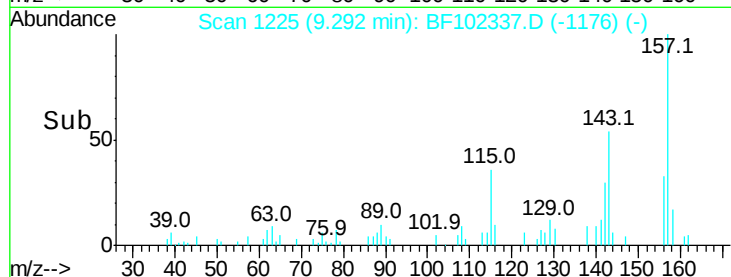
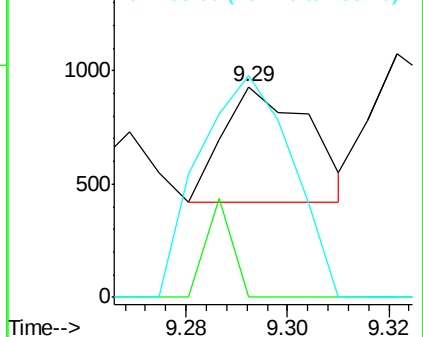
65 100

92 0.0 55.8 83.6#

138 105.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 19.253 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

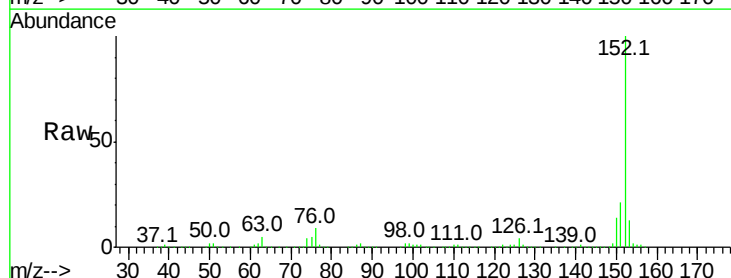
Tgt Ion:152 Resp: 576162

Ion Ratio Lower Upper

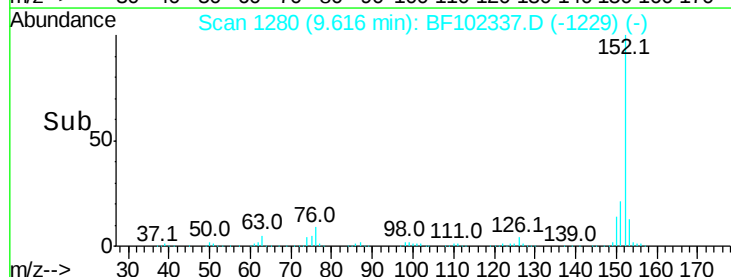
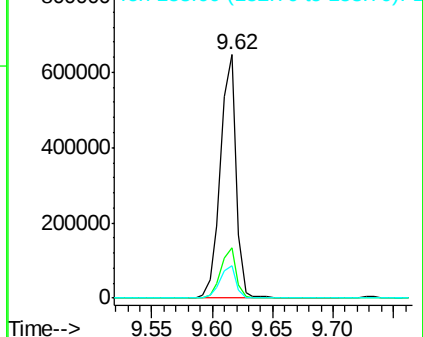
152 100

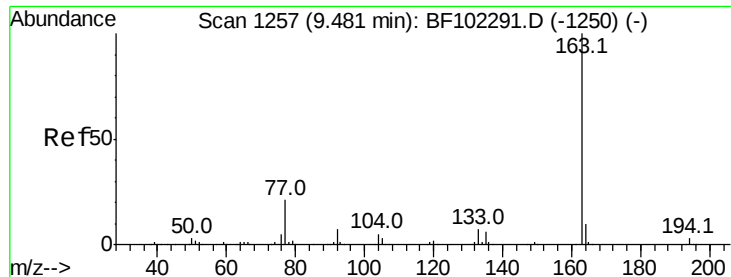
151 20.6 16.3 24.5

153 13.5 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

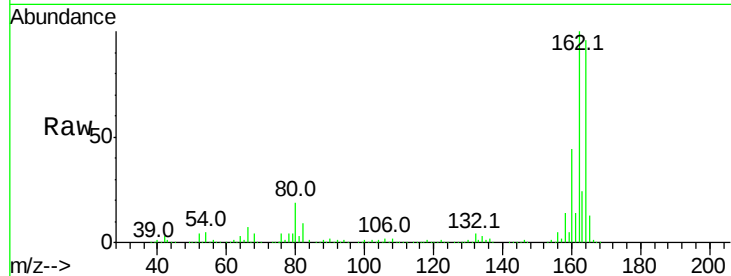




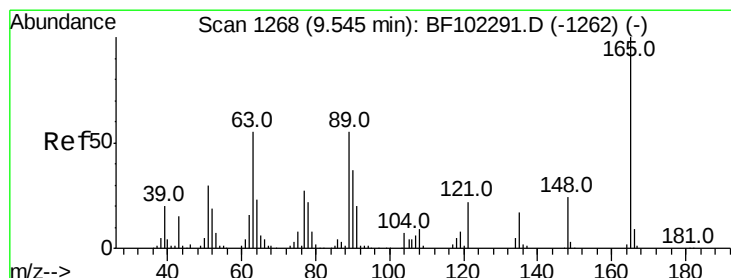
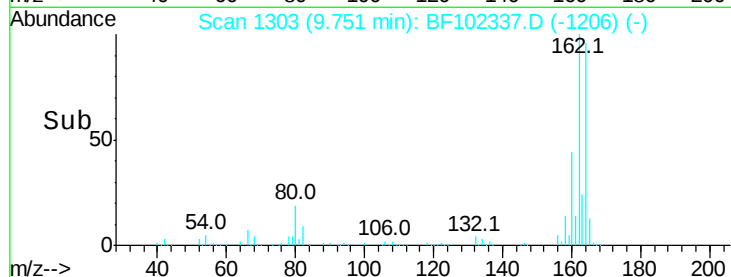
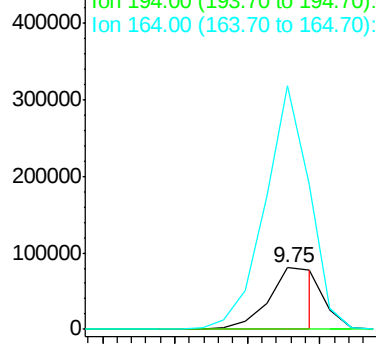
#49
Dimethylphthalate
Concen: 3.151 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.27 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 71990
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 395.8 8.2 12.2#

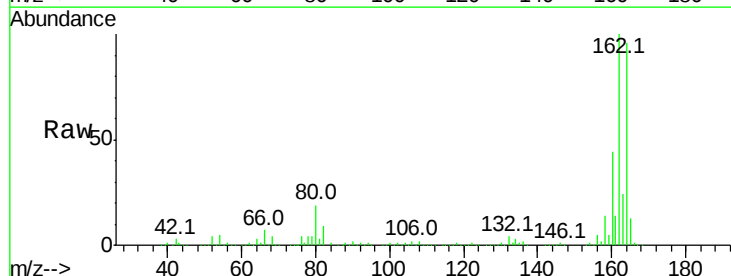


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

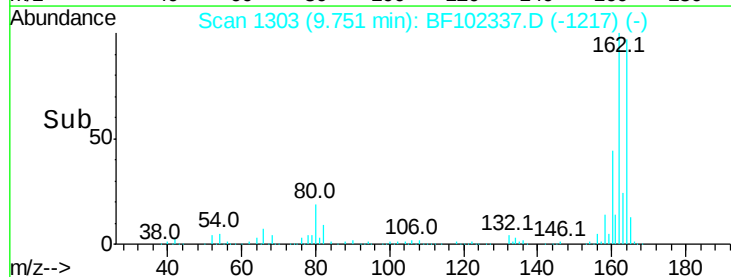
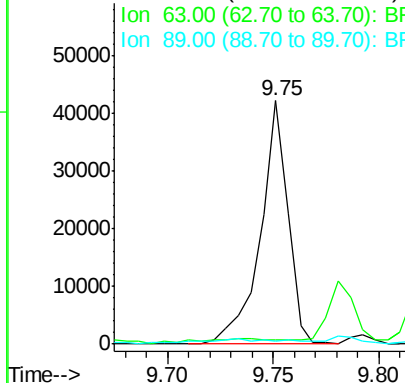


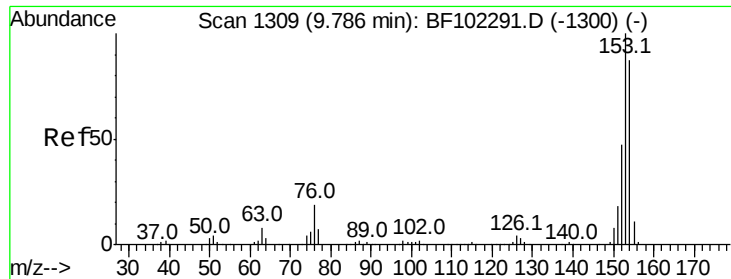
#50
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:165 Resp: 38289
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 1.4 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: 6.231 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

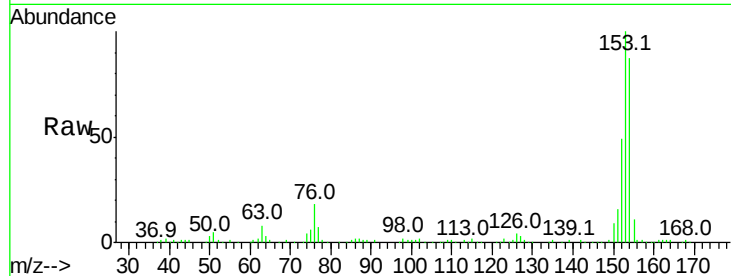
Tot Ion:154 Resp: 108899

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

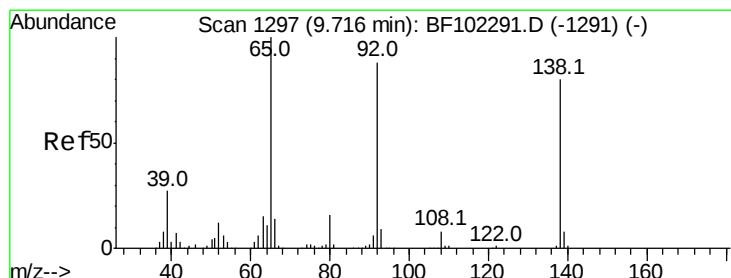
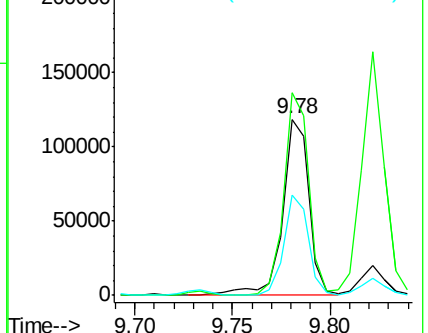
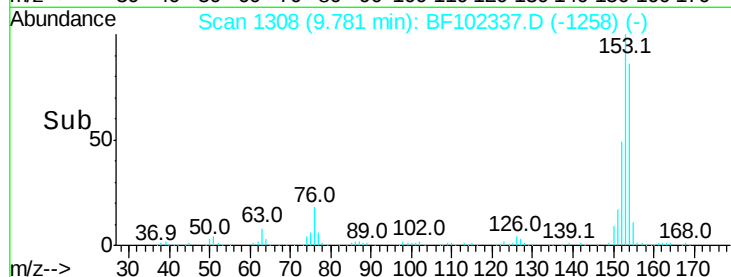
152 56.8 43.8 65.8



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: 0.886 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.24 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

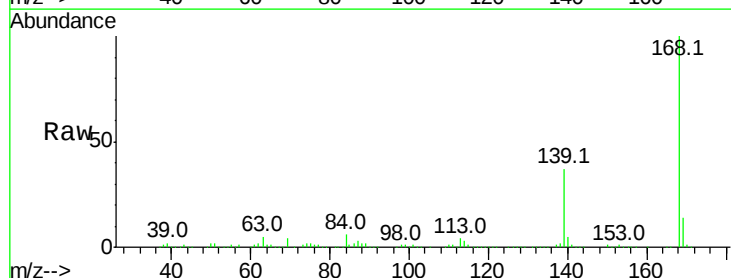
Tgt Ion:138 Resp: 5160

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

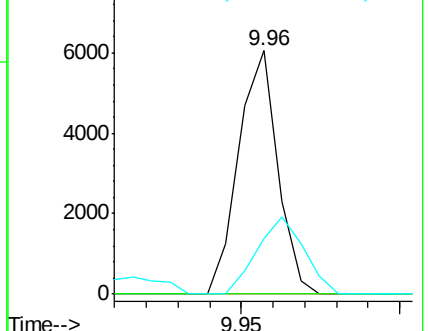
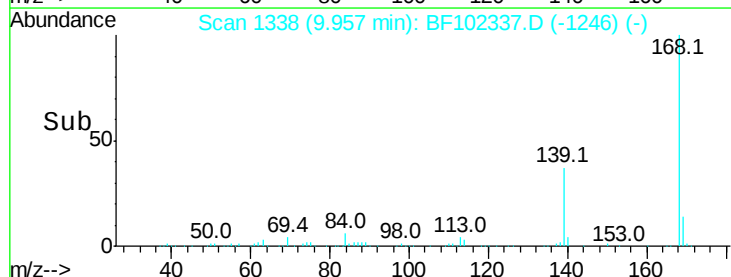
92 22.8 89.4 134.2#

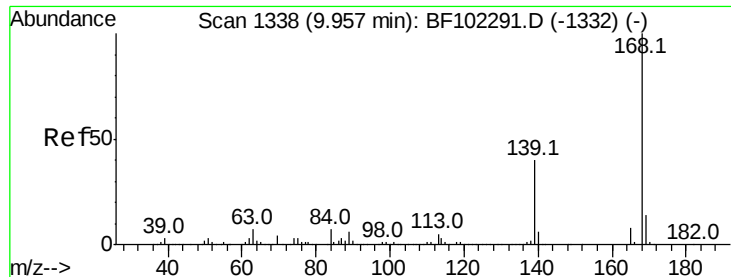


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

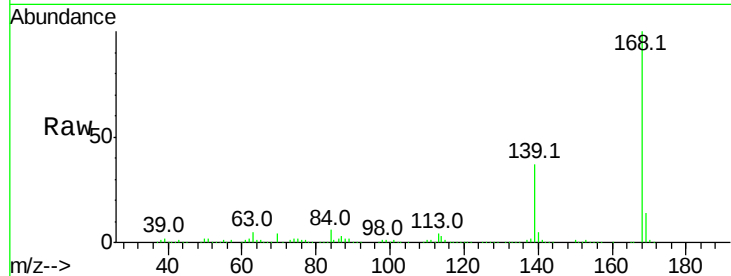




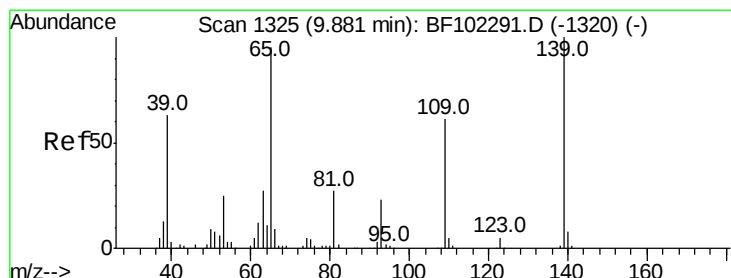
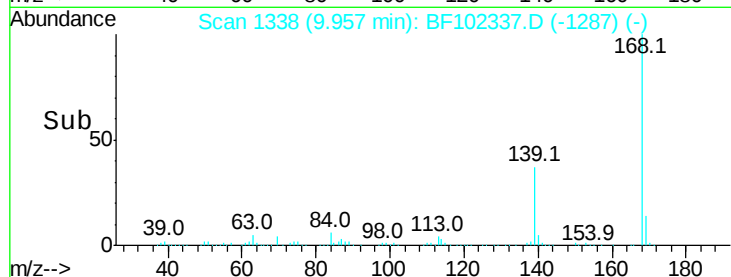
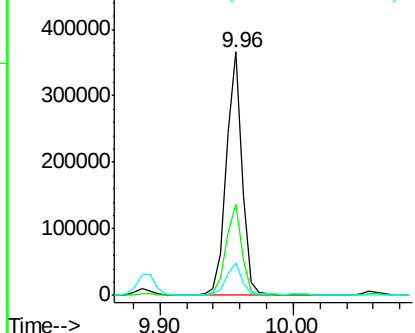
#54
Dibenzofuran
Concen: 13.021 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.5	10.9	16.3

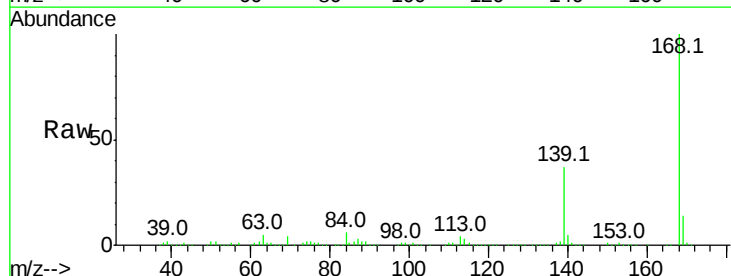


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

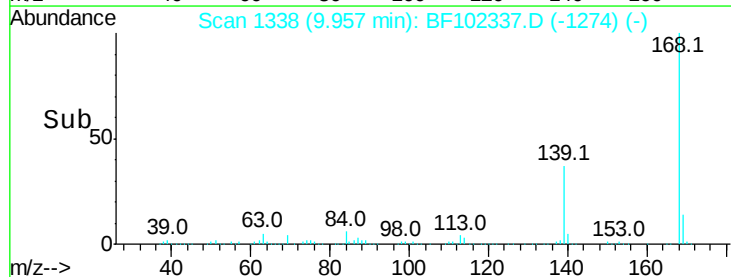
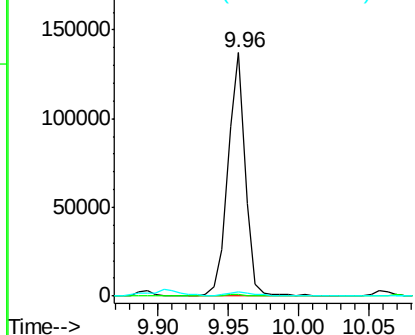


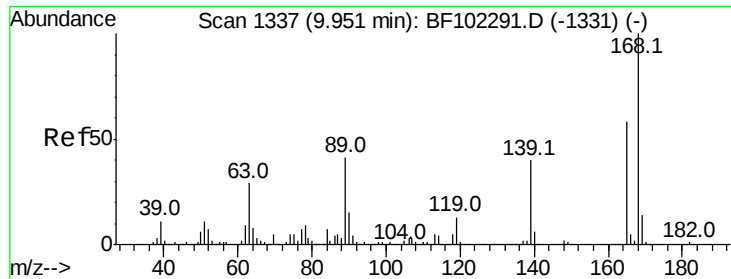
#55
4-Nitrophenol
Concen: 30.216 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	48.4	88.4#
65	1.6	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

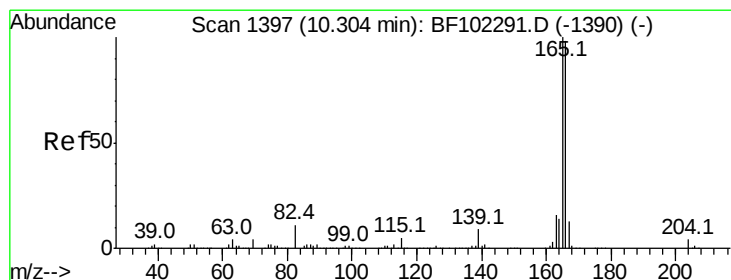
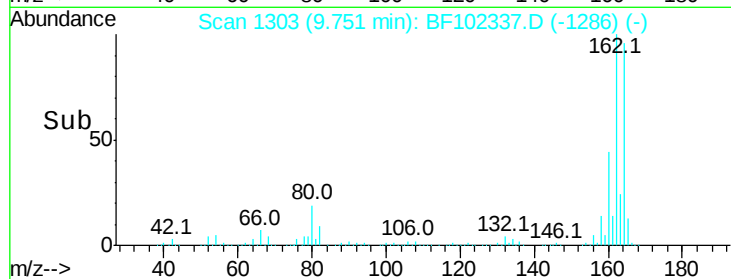
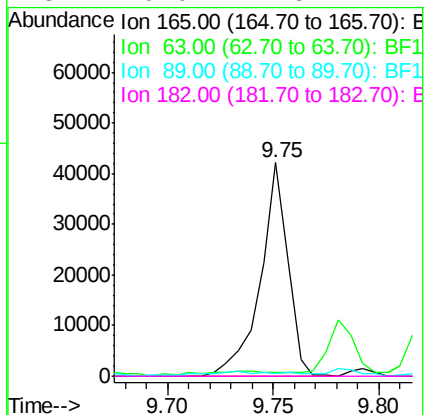
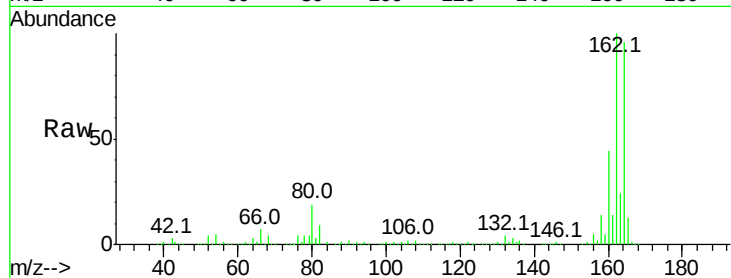




#56
2,4-Dinitrotoluene
Concen: 6.322 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

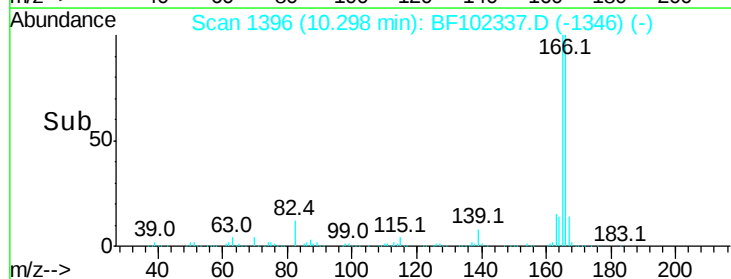
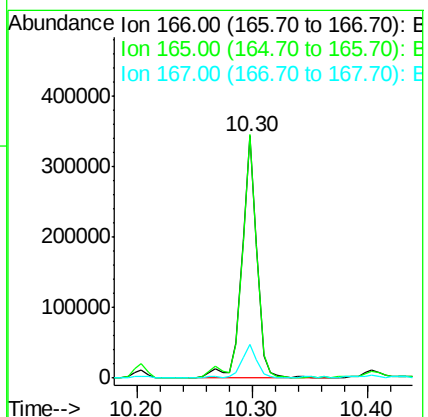
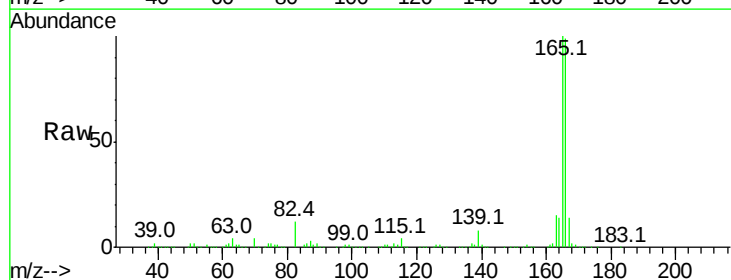
Instrument :
BNA_F
ClientSampleId :

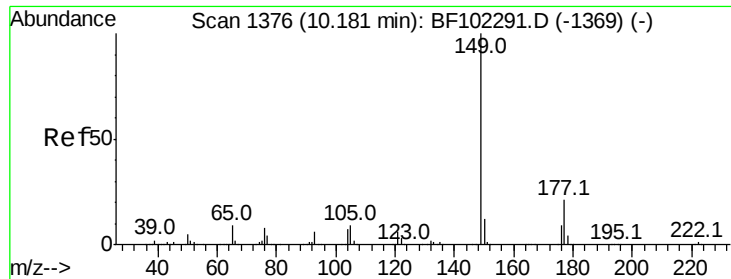
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 16.469 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	14.0	10.6	16.0

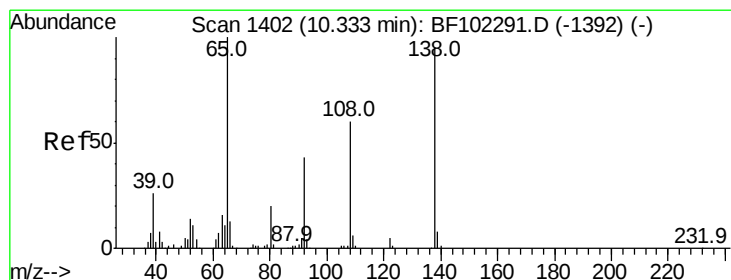
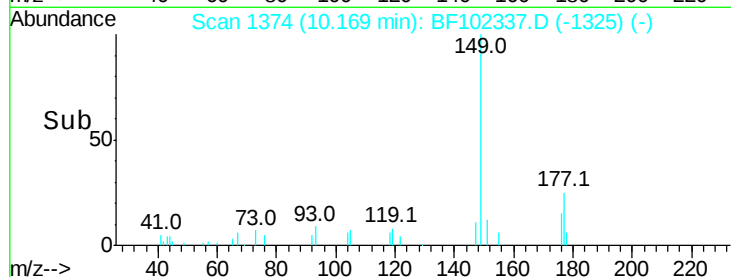
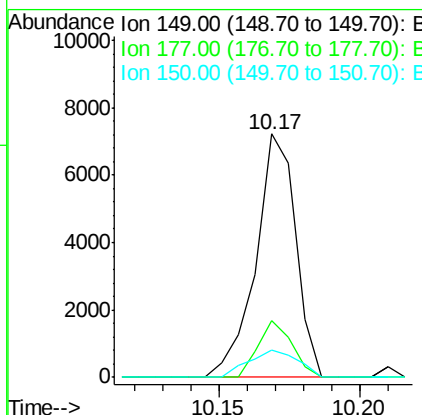
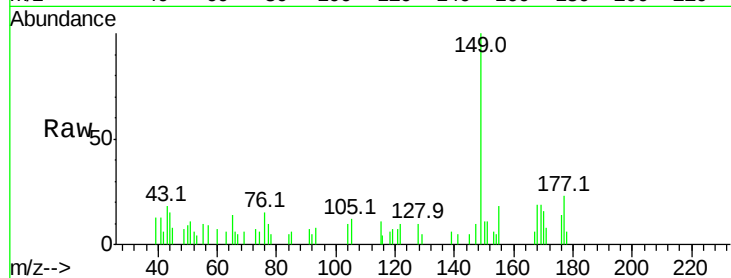




#59
Diethylphthalate
Concen: 0.319 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

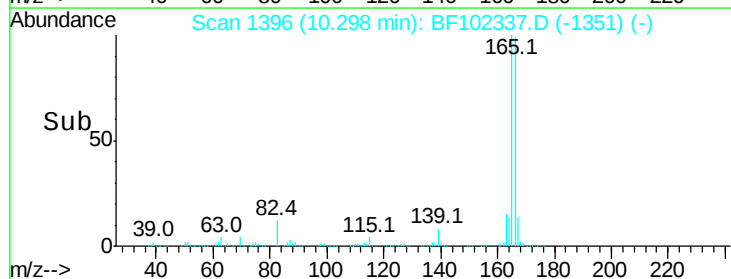
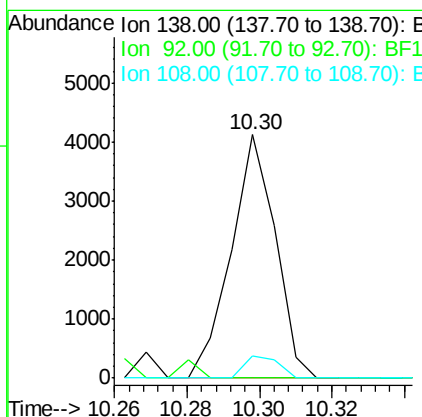
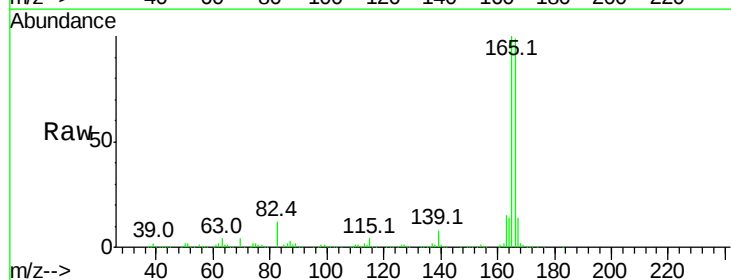
Instrument :
BNA_F
ClientSampled :

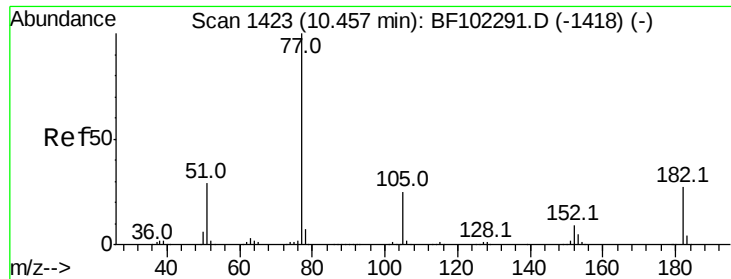
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	11.1	10.1	15.1



#61
4-Nitroaniline
Concen: 0.602 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	9.1	52.5	92.5#

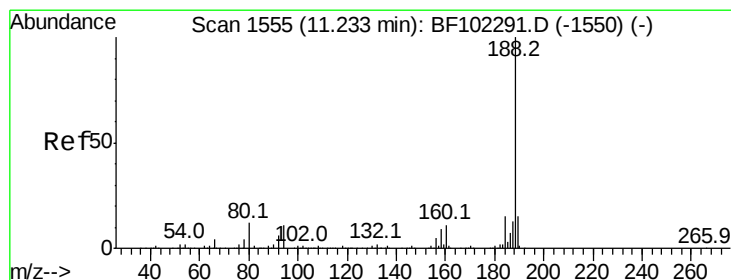
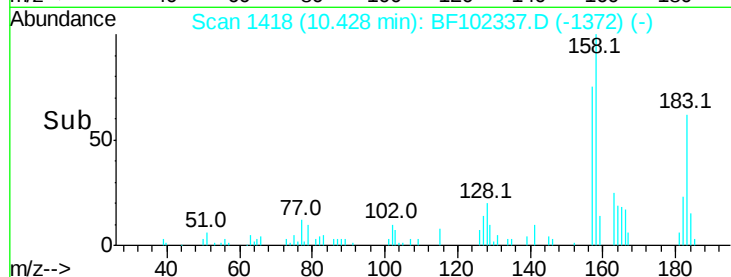
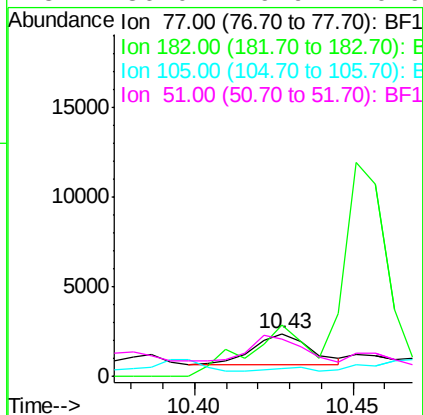
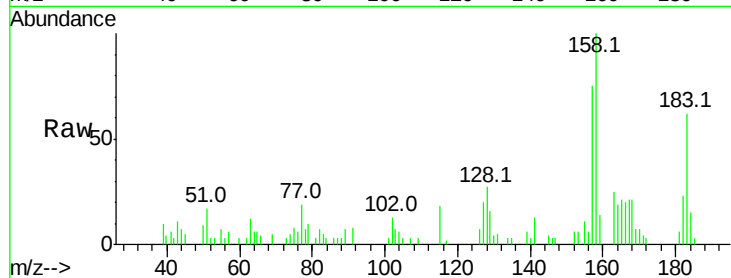




#62
Azobenzene
Concen: 0.108 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.03 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

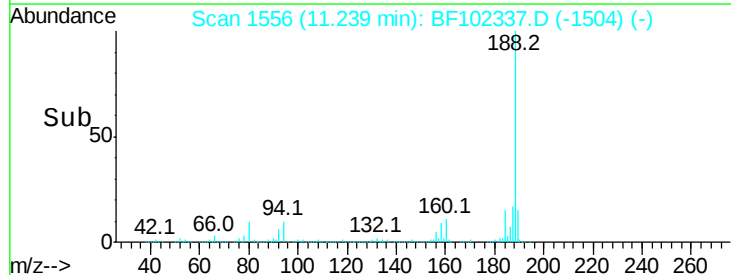
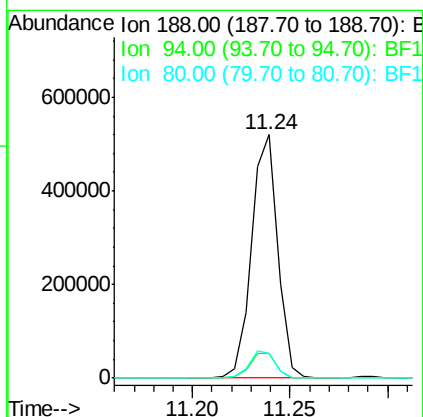
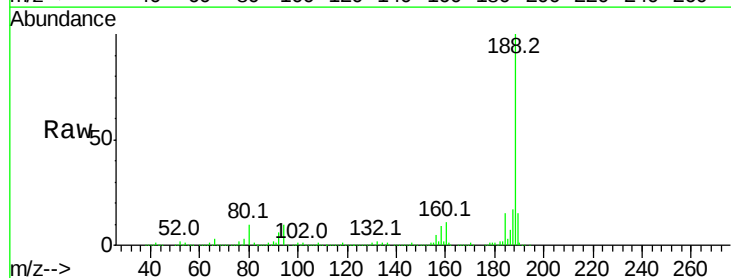
Instrument :
BNA_F
ClientSampleId :

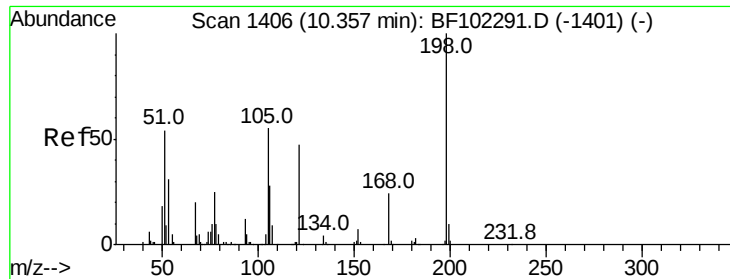
Tot Ion: 77 Resp: 2189
Ion Ratio Lower Upper
77 100
182 119.4 1.7 41.7#
105 17.7 3.0 43.0
51 86.0 9.9 49.9#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion: 188 Resp: 483409
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.3 9.2 13.8

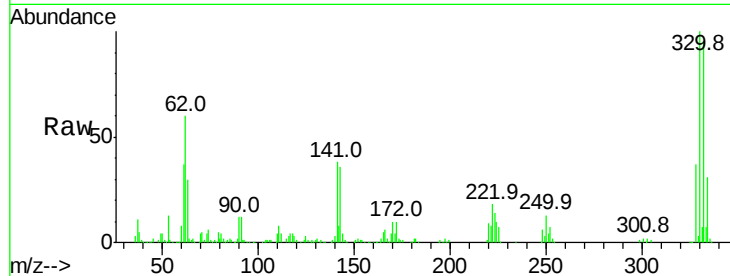




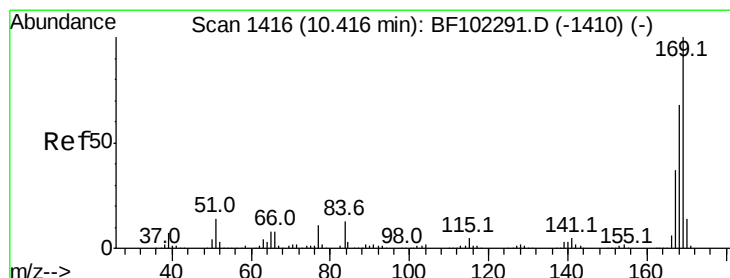
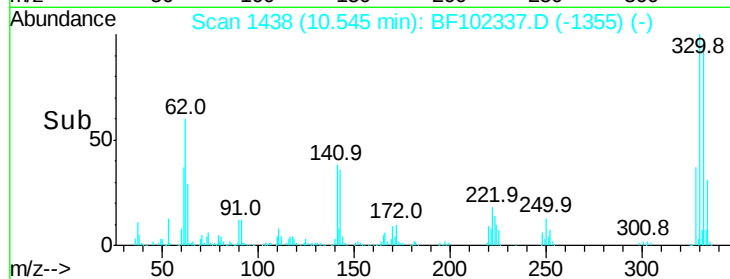
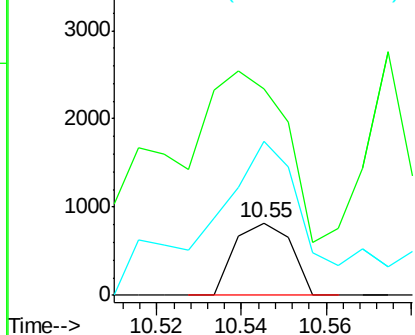
#64
4,6-Dinitro-2-methylphenol
Concen: 0.237 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 763
Ion Ratio Lower Upper
198 100
51 284.0 37.7 77.7#
105 211.7 36.3 76.3#

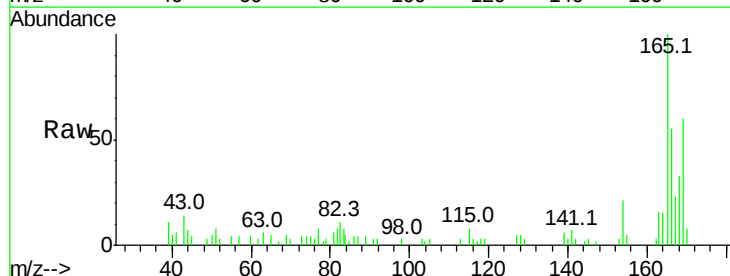


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

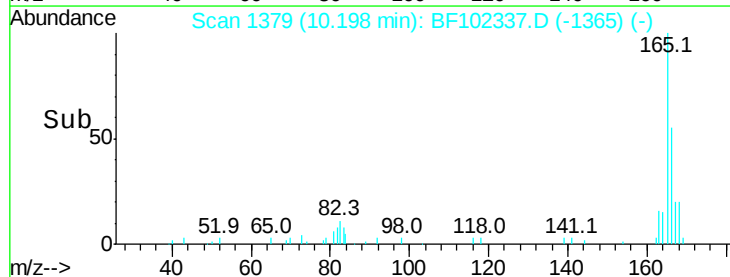
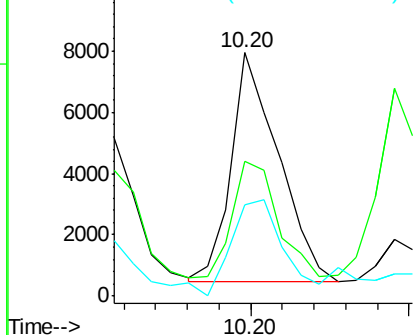


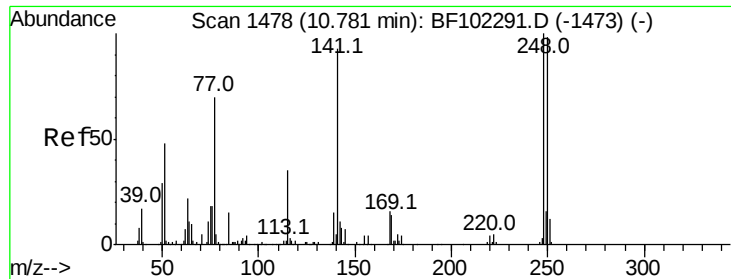
#65
n-Nitrosodiphenylamine
Concen: 0.434 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.22 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:169 Resp: 7697
Ion Ratio Lower Upper
169 100
168 55.3 54.4 81.6
167 37.5 29.8 44.6



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

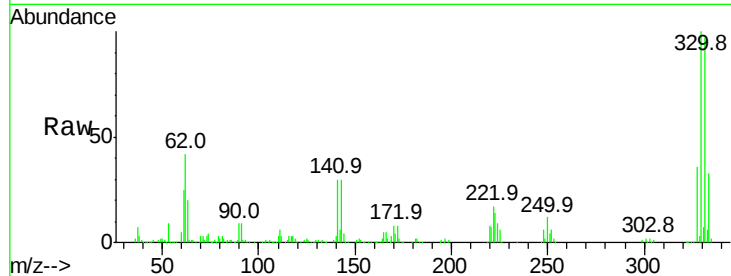




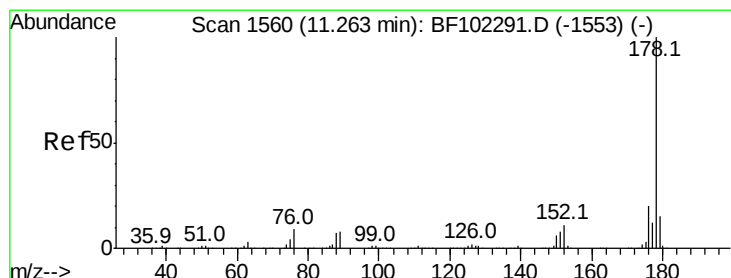
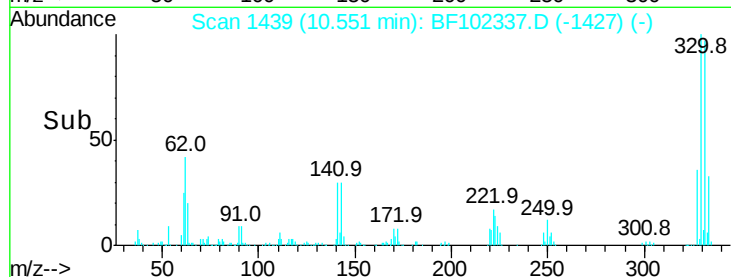
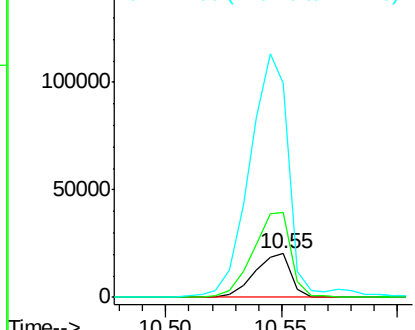
#66
4-Bromophenyl-phenylether
Concen: 4.290 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.23 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22325
Ion Ratio Lower Upper
248 100
250 193.9 76.9 115.3#
141 490.8 74.4 111.6#

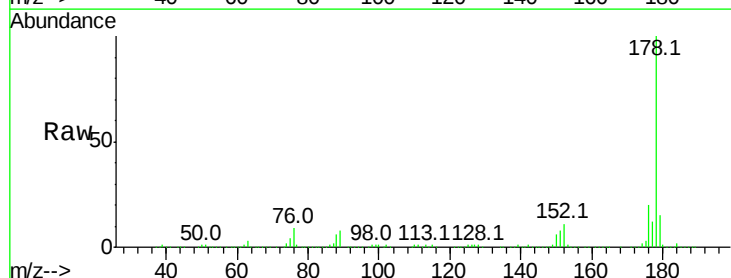


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

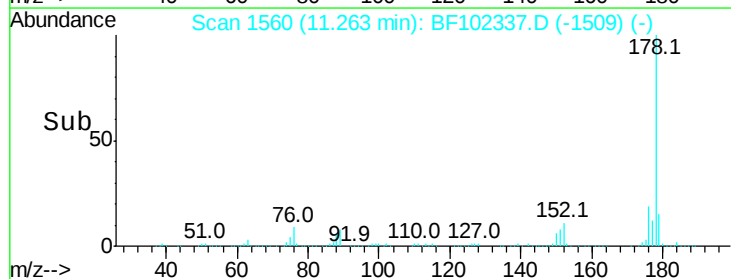
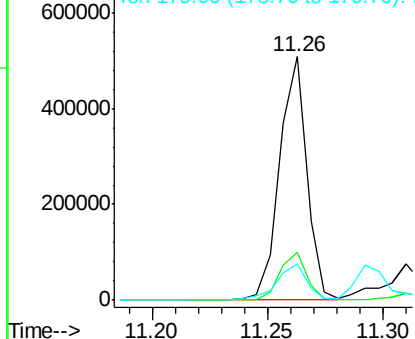


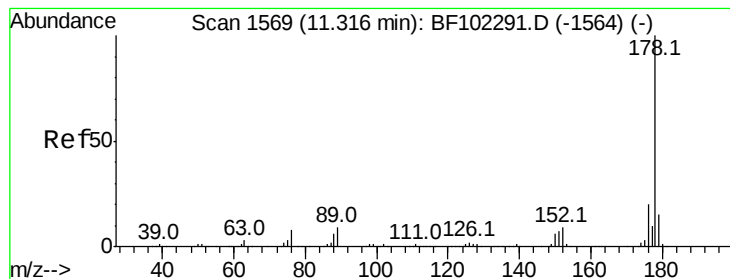
#70
Phenanthrene
Concen: 14.727 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:178 Resp: 414852
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 14.9 13.0 19.6



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





#71

Anthracene

Concen: 14.429 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.05 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

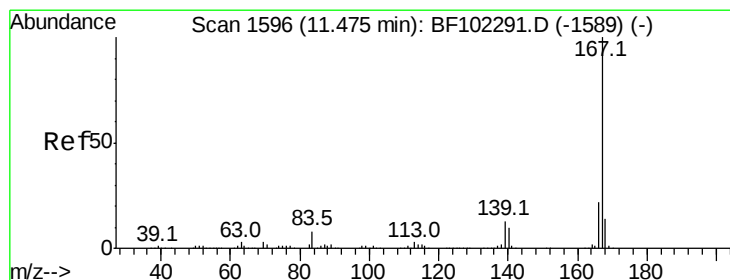
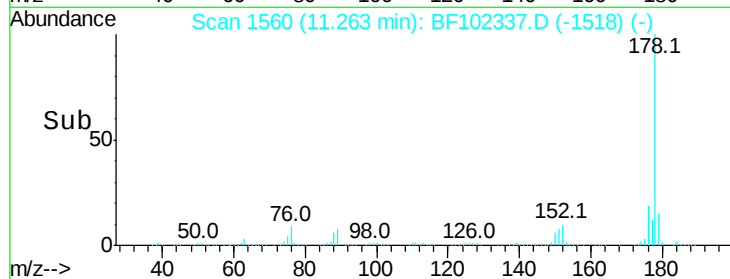
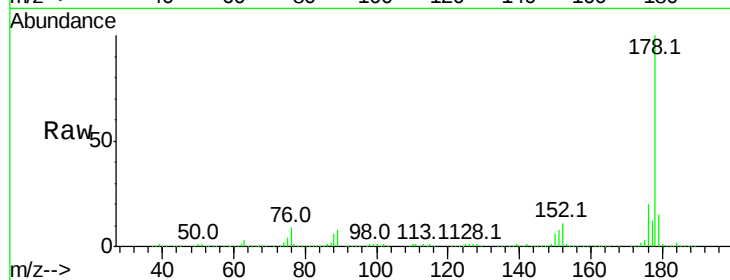
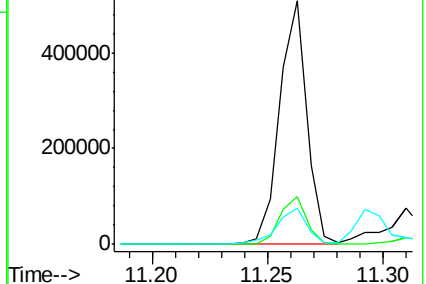
Tot Ion:178 Resp: 414852

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	14.9	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: 22.485 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

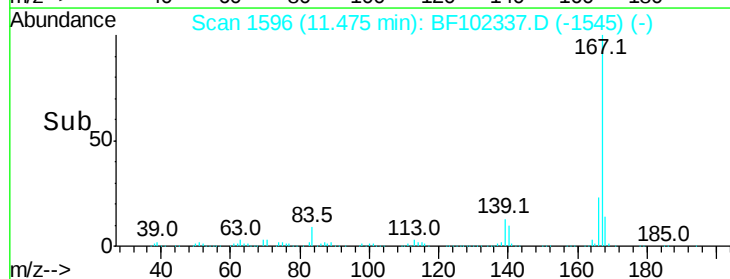
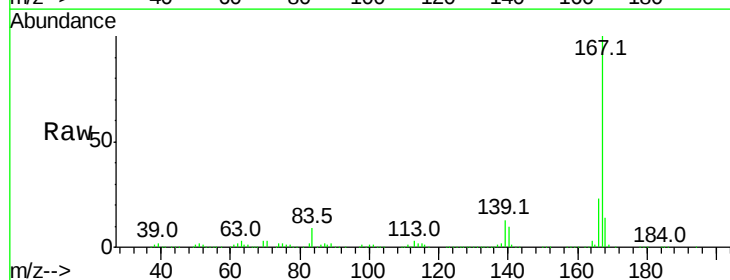
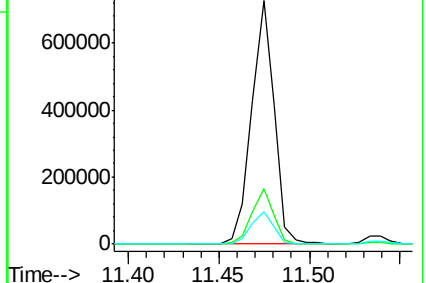
Tgt Ion:167 Resp: 630692

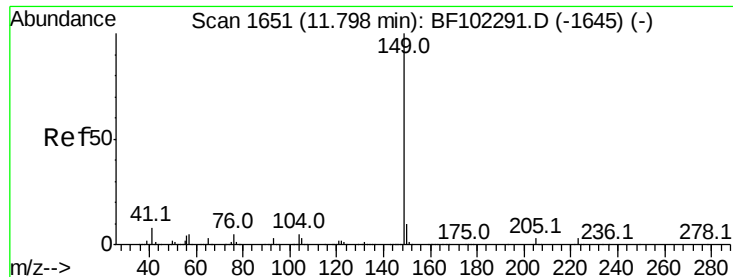
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.5	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

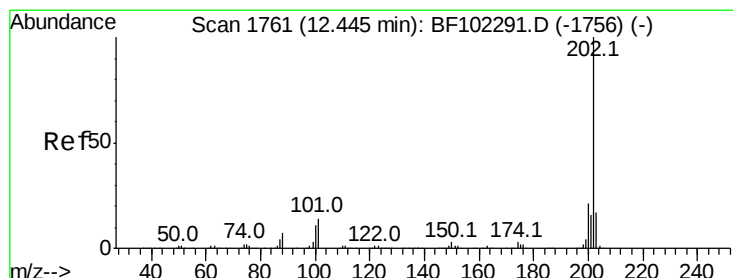
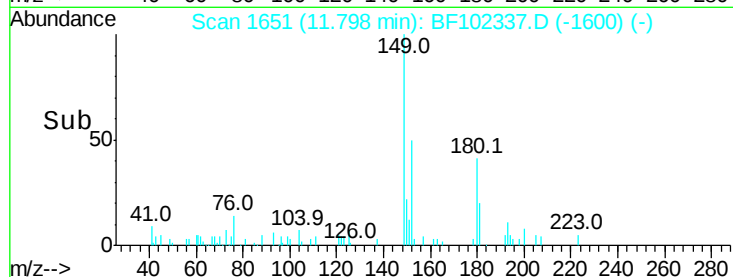
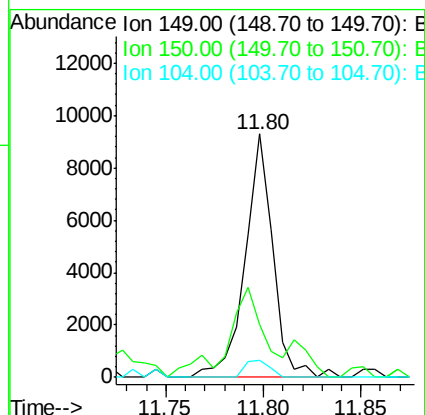
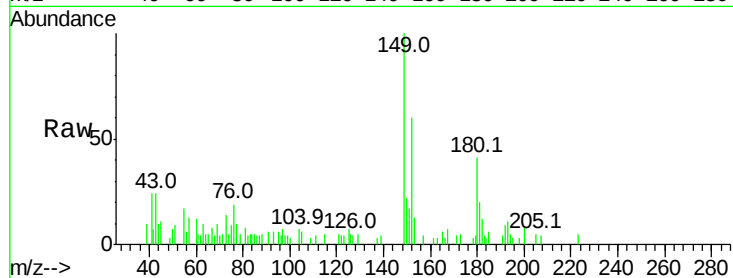




#73
Di-n-butylphthalate
Concen: 0.262 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

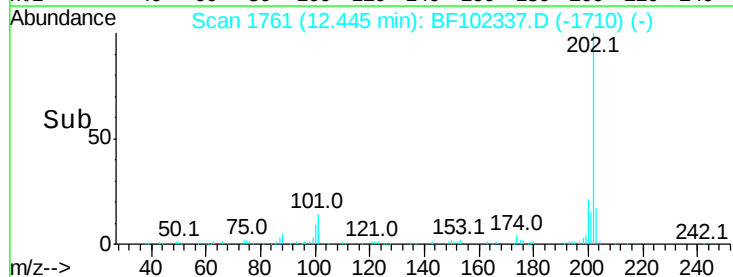
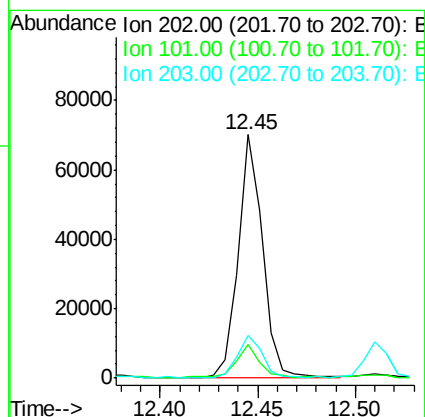
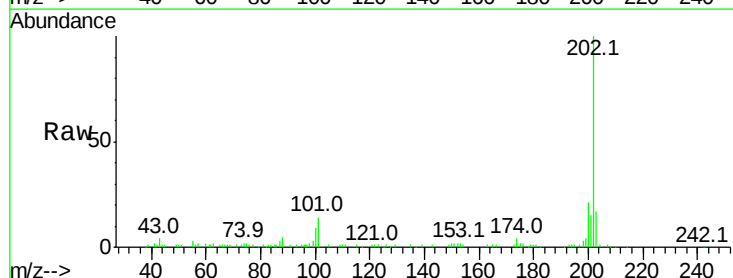
Instrument :
BNA_F
ClientSampleId :

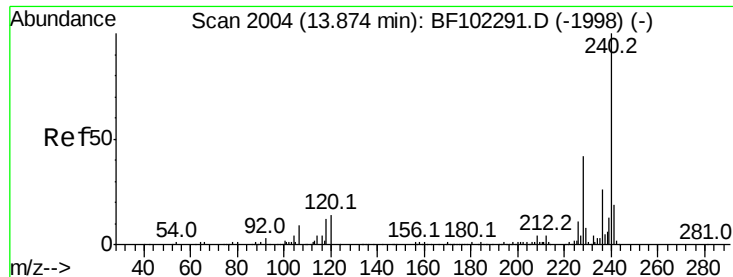
Tot Ion:149 Resp: 9202
Ion Ratio Lower Upper
149 100
150 21.9 7.8 11.6#
104 7.0 3.8 5.8#



#74
Fluoranthene
Concen: 2.125 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:202 Resp: 61055
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

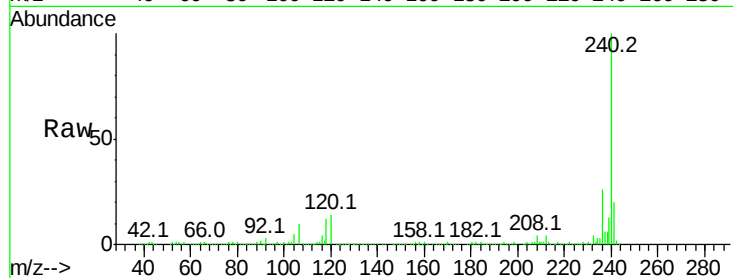
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 382932

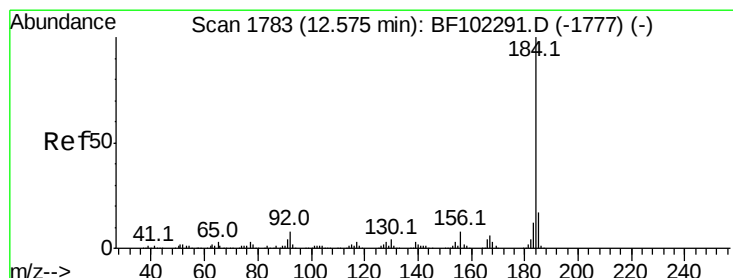
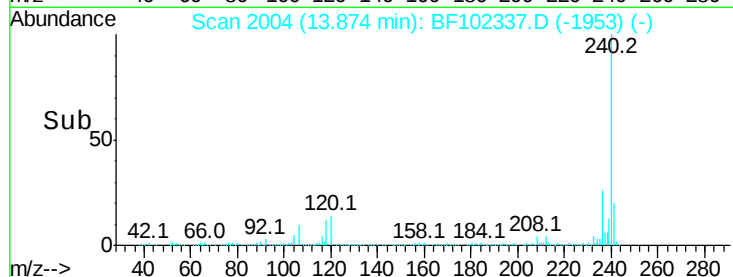
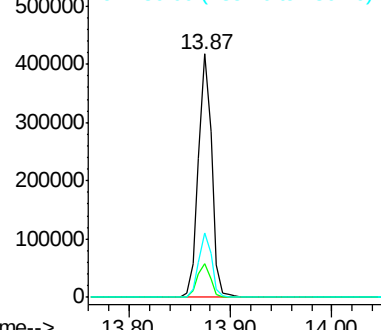
Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.4	20.7	31.1



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: 1.623 ng

RT: 12.83 min Scan# 1827

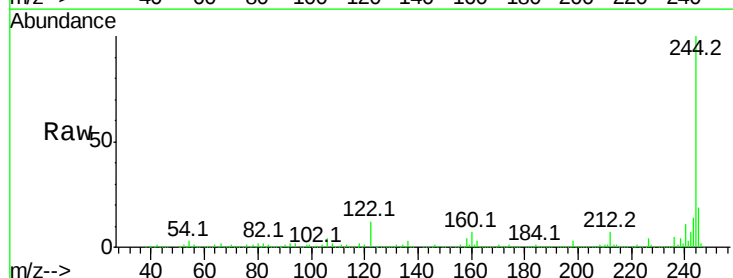
Delta R.T. 0.26 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Tgt Ion:184 Resp: 20875

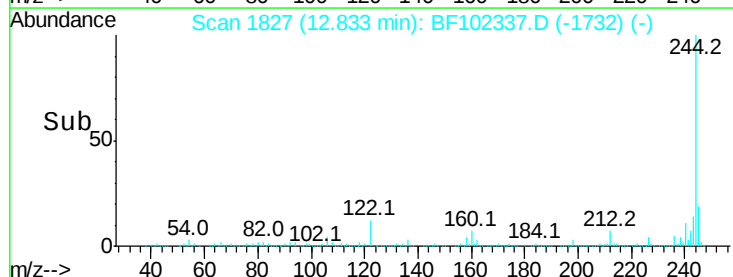
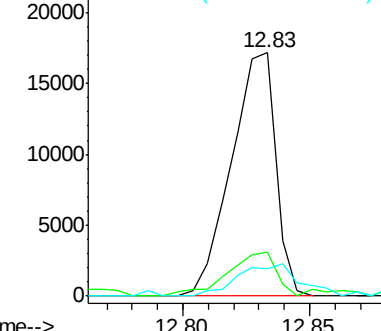
Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.6	18.8
183	11.2	9.3	13.9

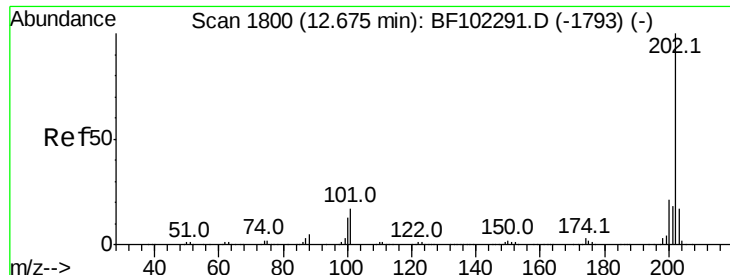


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

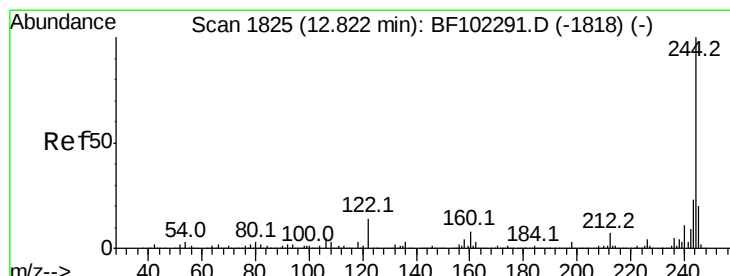
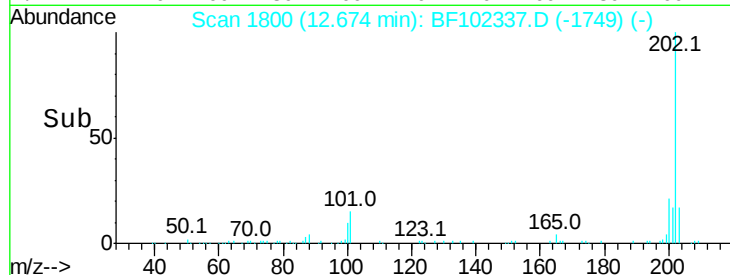
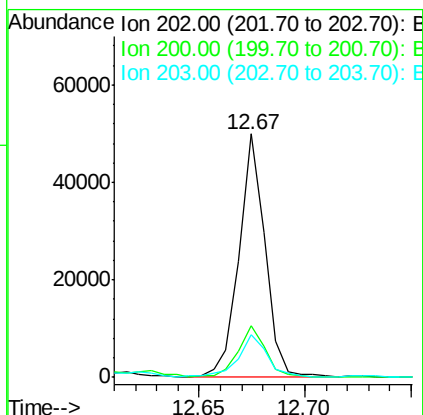
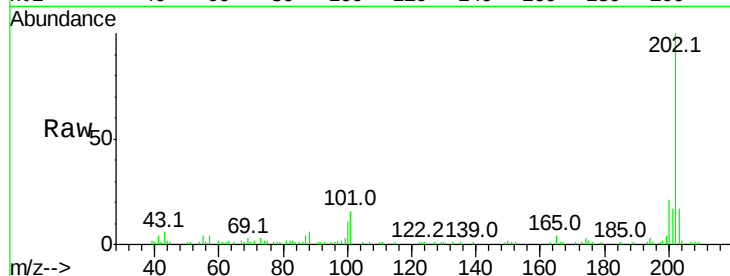




#77
 Pvrene
 Concen: 1.447 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

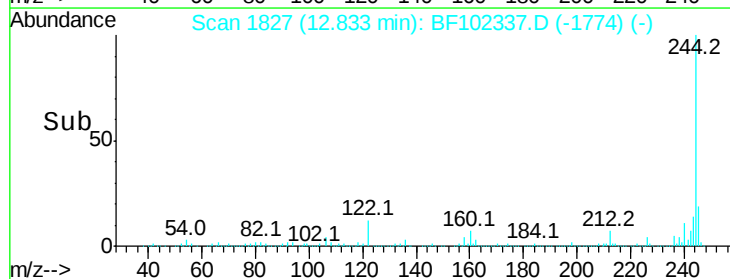
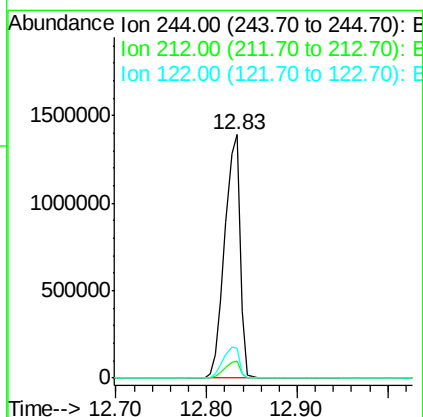
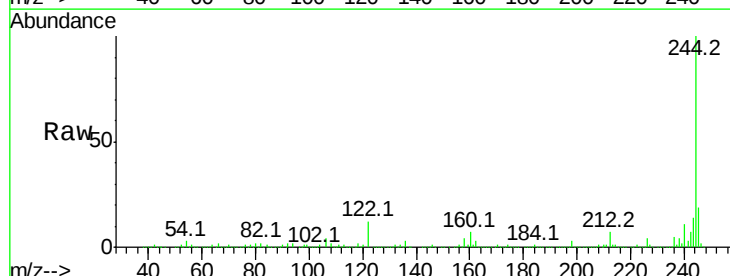
Instrument :
 BNA_F
 ClientSampleId :

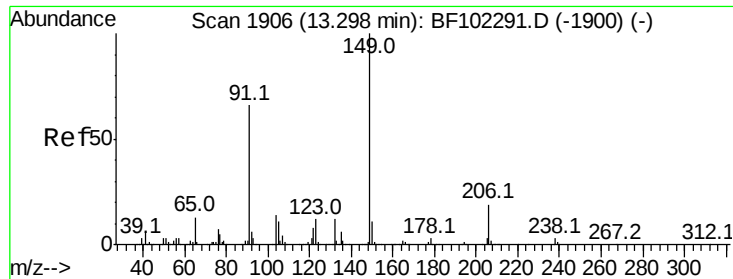
Tot Ion:202 Resp: 42852
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 95.705 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion:244 Resp: 1625676
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.5 11.0 16.4

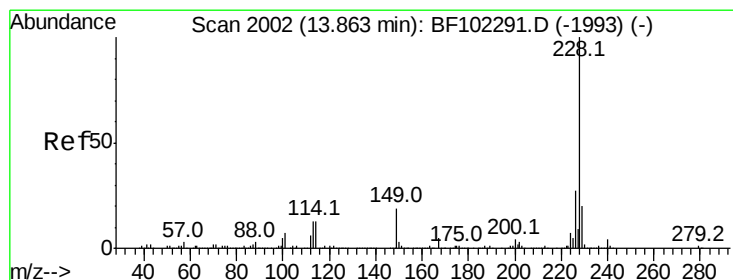
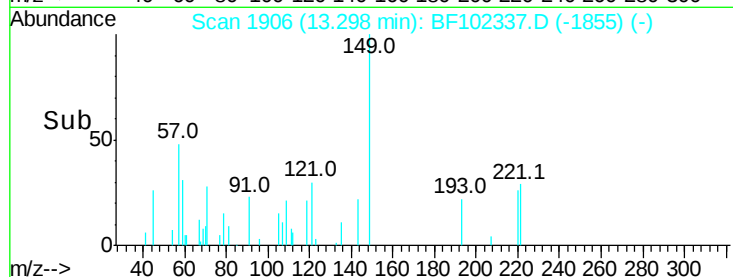
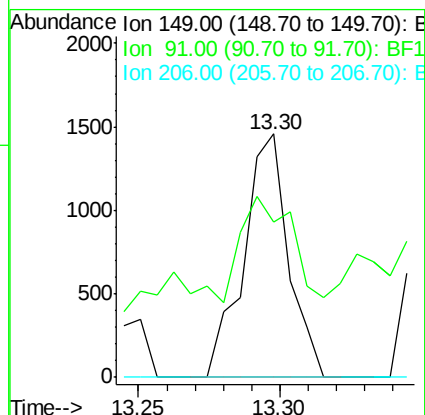
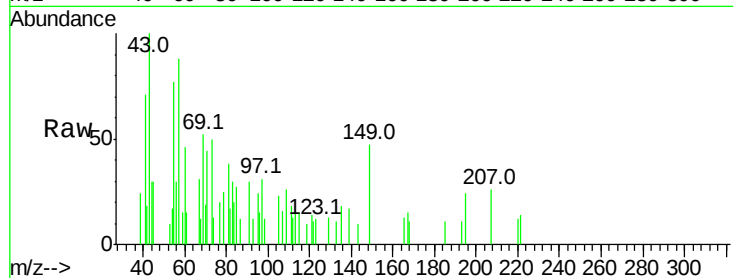




#79
 Butylbenzylphthalate
 Concen: 0.108 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

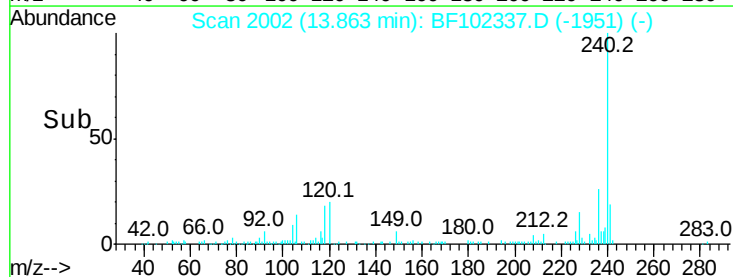
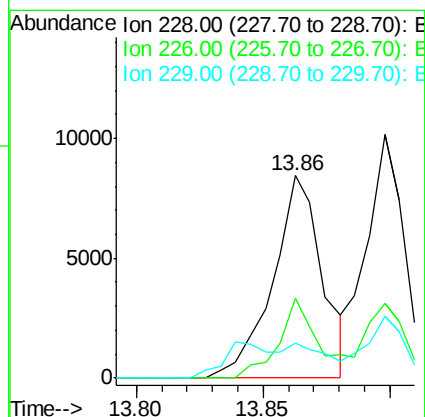
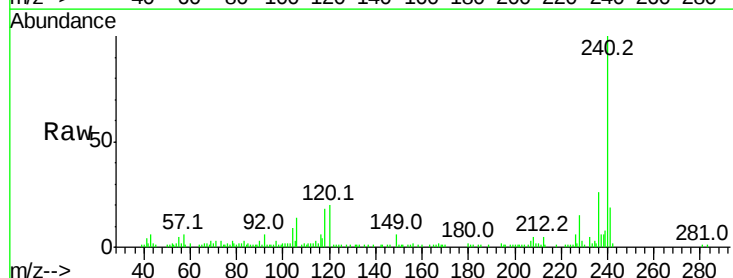
Instrument :
 BNA_F
 ClientSampleId :

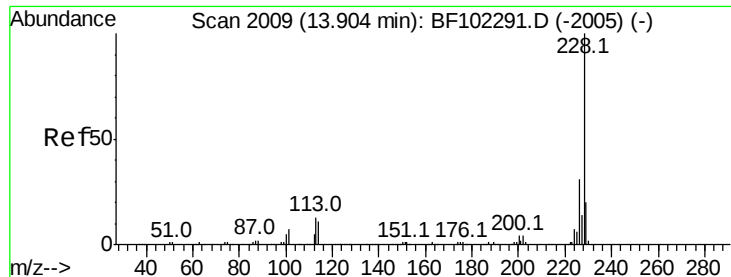
Tot Ion:149 Resp: 1598
 Ion Ratio Lower Upper
 149 100
 91 63.9 56.8 85.2
 206 0.0 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 0.489 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion:228 Resp: 11529
 Ion Ratio Lower Upper
 228 100
 226 39.7 22.6 33.8#
 229 17.5 15.8 23.6





#82

Chrysene

Concen: 0.472 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

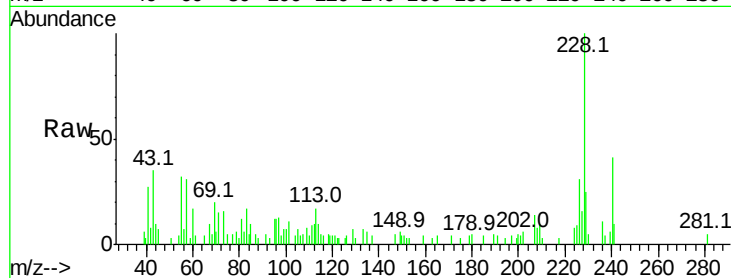
Tot Ion:228 Resp: 11299

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

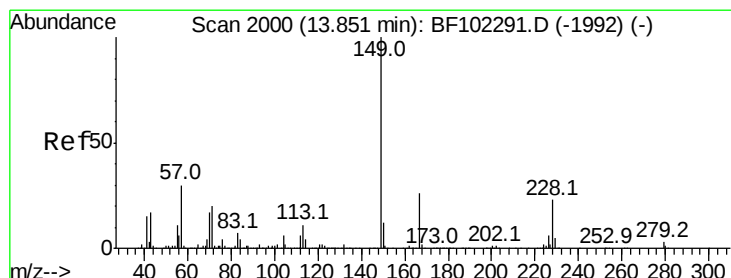
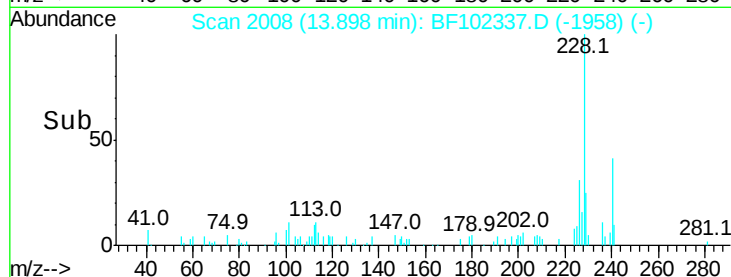
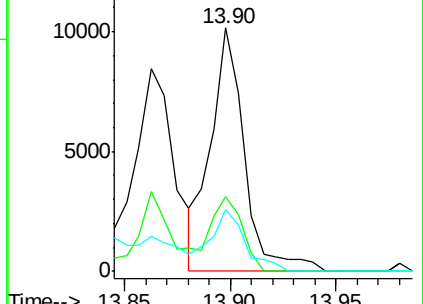
229 25.4 16.2 24.4#



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: 0.399 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

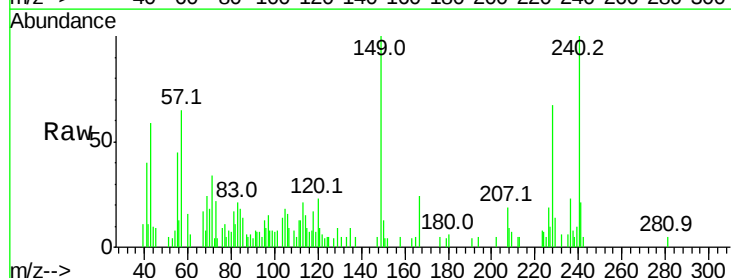
Tgt Ion:149 Resp: 7899

Ion Ratio Lower Upper

149 100

167 23.7 21.3 31.9

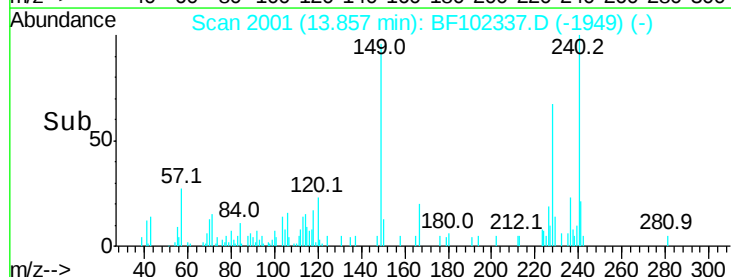
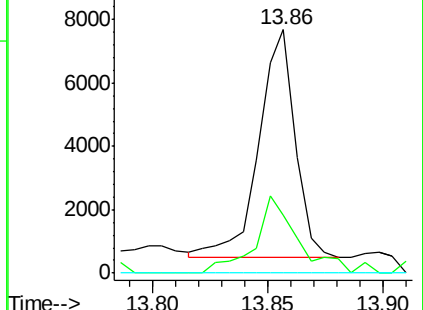
279 0.0 3.0 4.4#

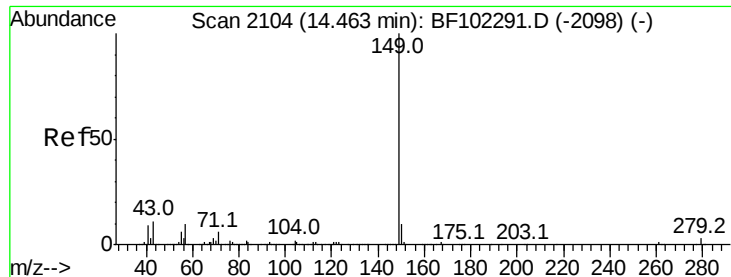


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.324 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

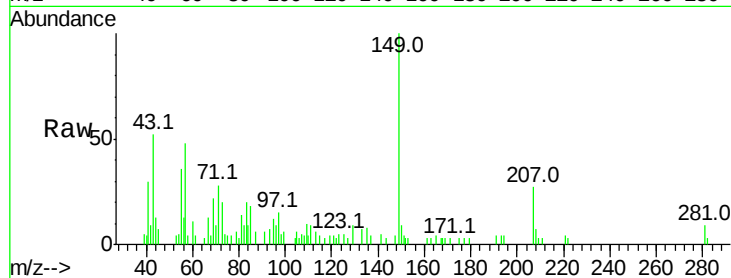
Tot Ion:149 Resp: 10436

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

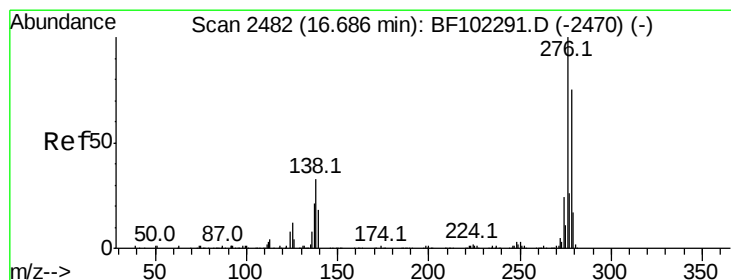
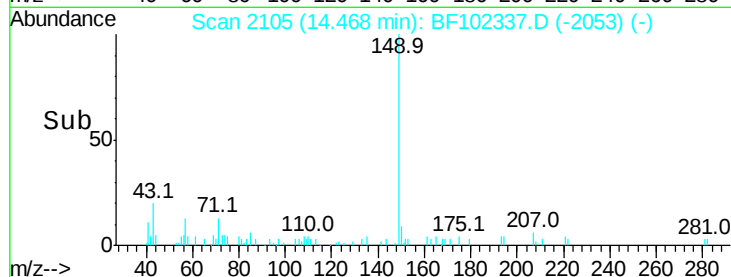
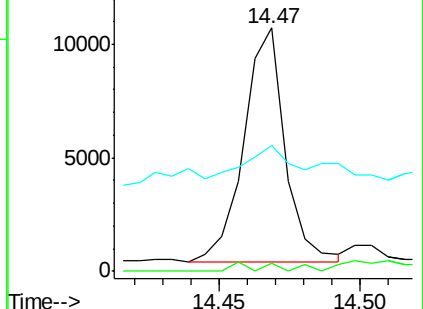
43 14.2 8.4 12.6#



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: 0.107 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

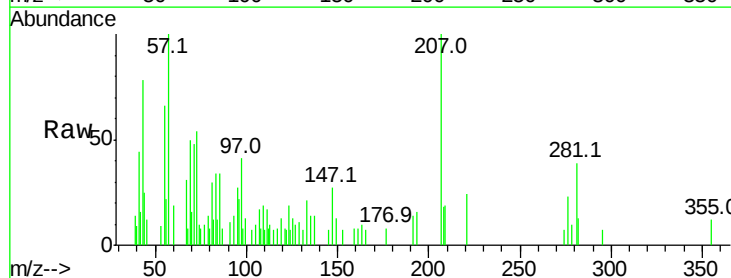
Tgt Ion:276 Resp: 2117

Ion Ratio Lower Upper

276 100

138 26.8 25.0 37.6

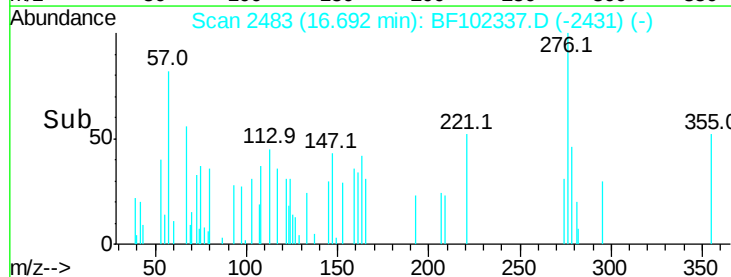
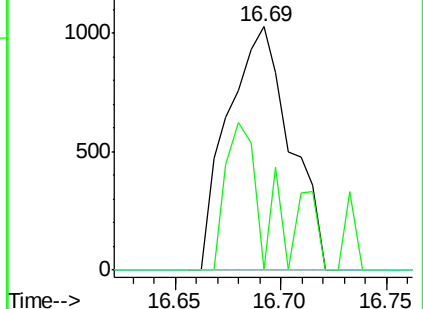
277 0.0 20.1 30.1#

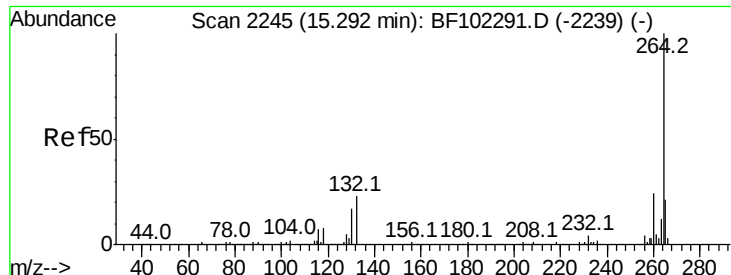


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampled :

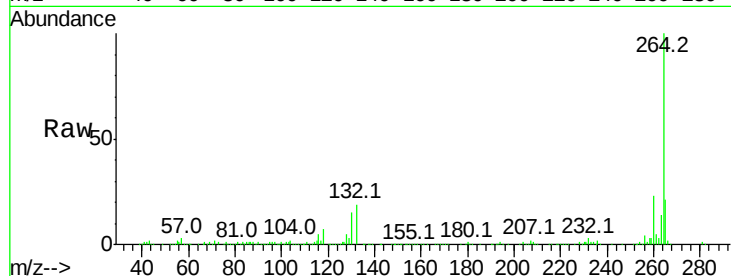
Tot Ion:264 Resp: 286588

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

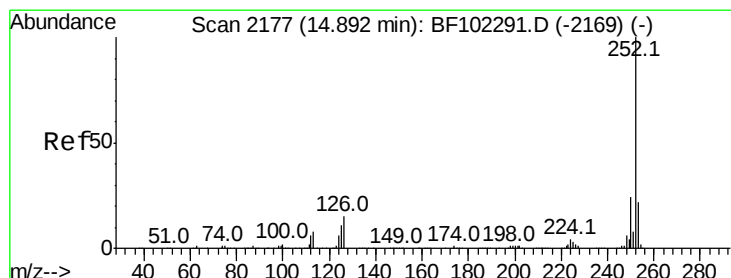
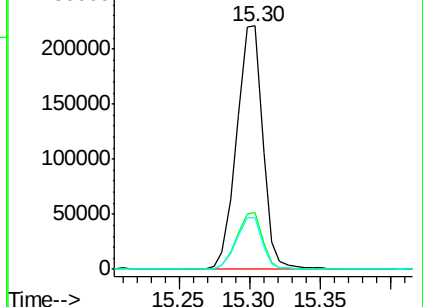
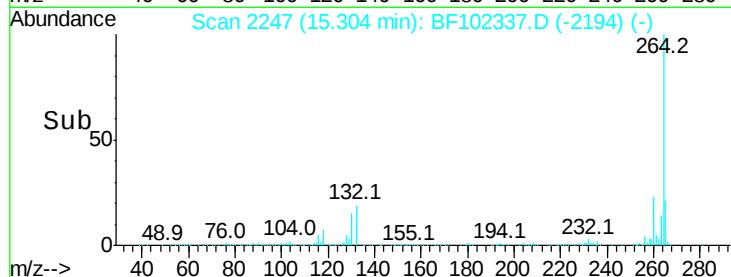
265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.650 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

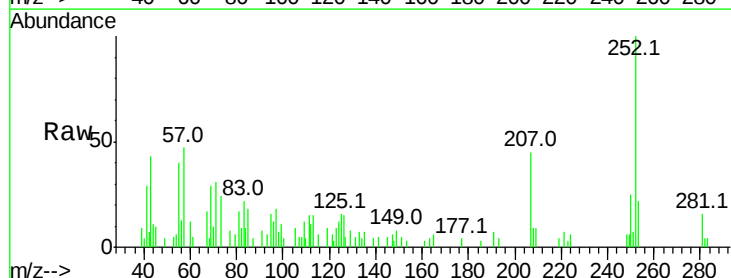
Tgt Ion:252 Resp: 12077

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

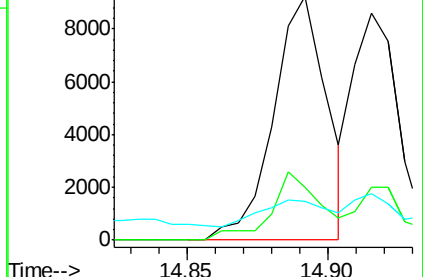
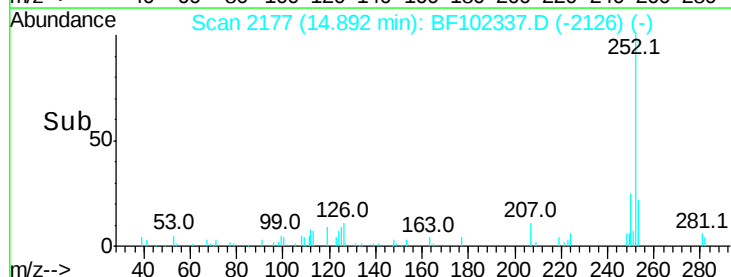
125 16.2 9.0 13.6#

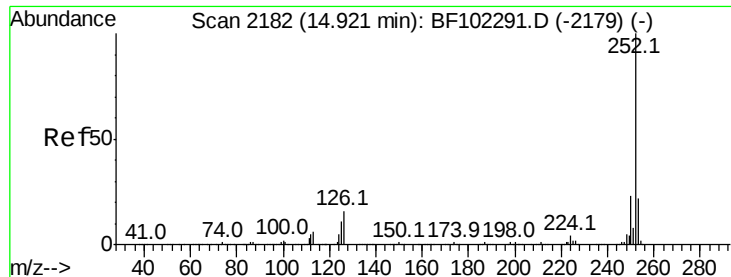


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

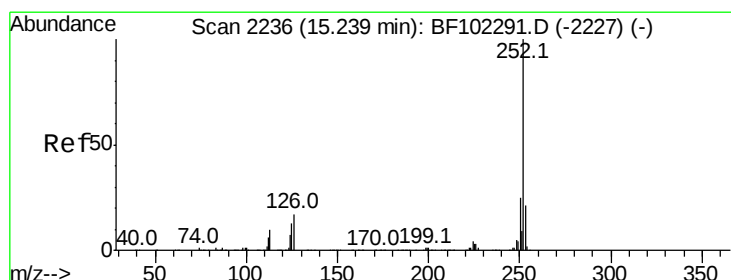
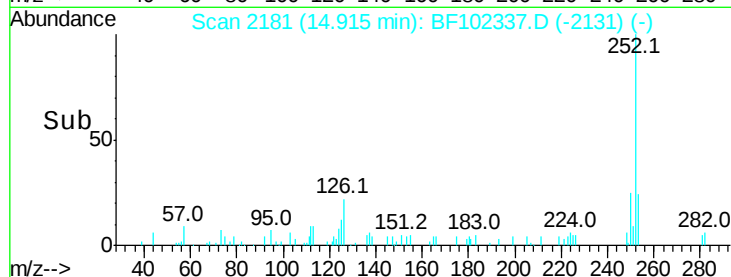
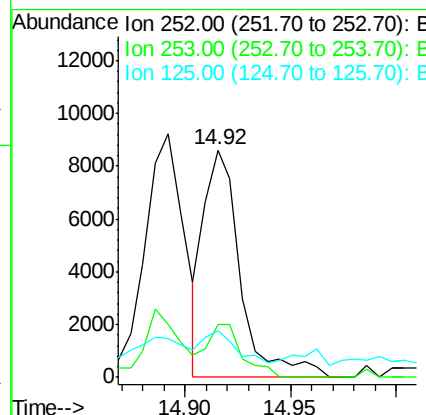
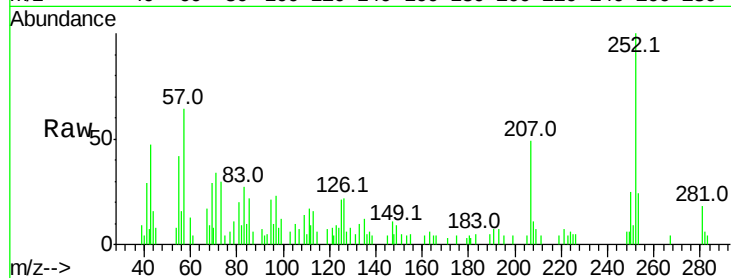




#88
Benzo(k)fluoranthene
Concen: 0.594 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

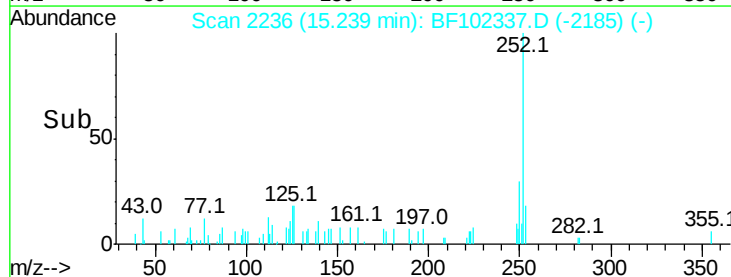
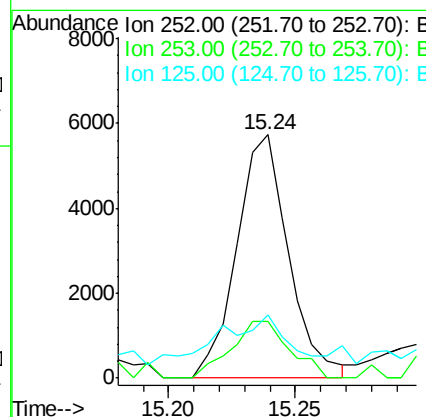
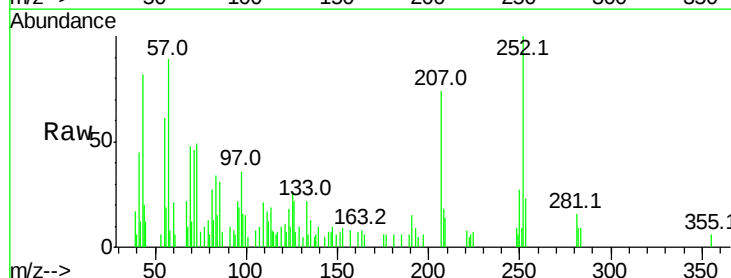
Instrument :
BNA_F
ClientSampleId :

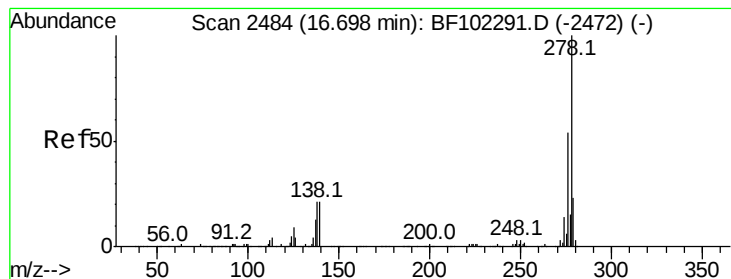
Tot Ion:252 Resp: 10431
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 20.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.487 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion:252 Resp: 8162
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 25.7 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.077 ng

RT: 16.70 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampled :

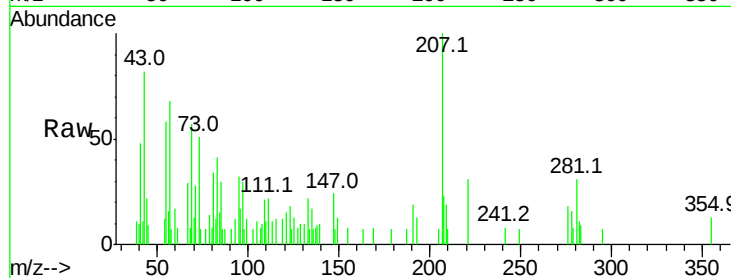
Tot Ion:278 Resp: 1046

Ion Ratio Lower Upper

278 100

139 60.7 15.9 23.9#

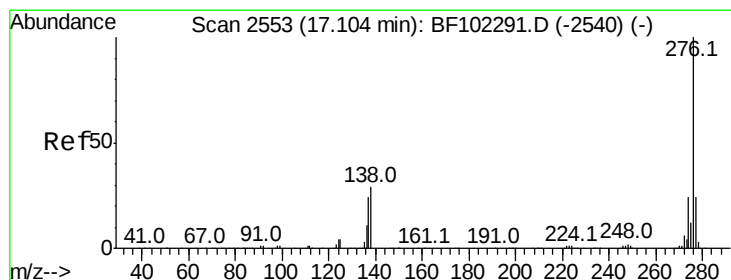
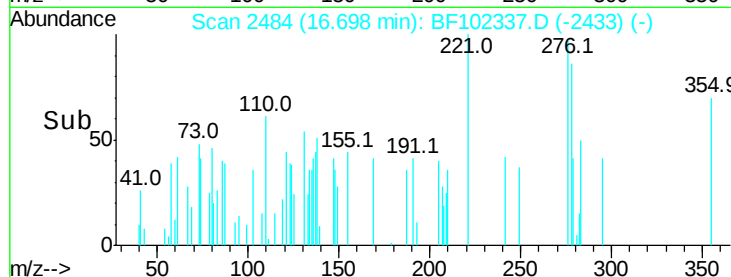
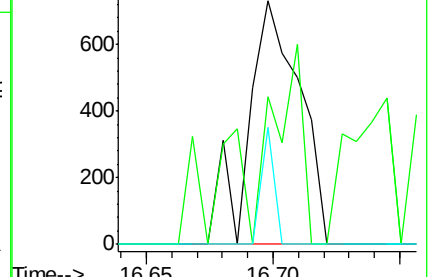
279 48.0 19.0 28.4#



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: 0.046 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

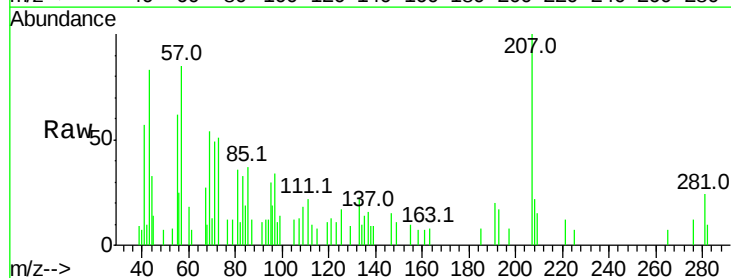
Tgt Ion:276 Resp: 618

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 78.2 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

