

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102336.D
 Acq On : 23 Jan 2018 10:55
 Operator : SJ/JU
 Sample : J1239-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:16:05 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	149883	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	539958	20.00	ng	0.01
38) Acenaphthene-d10	9.75	164	286300	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	493552	20.00	ng	0.00
75) Chrysene-d12	13.87	240	389183	20.00	ng	0.00
86) Perylene-d12	15.30	264	271341	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1167573	118.12	ng	0.04
7) Phenol-d6	6.41	99	1085097	91.05	ng	0.05
23) Nitrobenzene-d5	7.30	82	933988	99.40	ng	0.01
41) 2,4,6-Tribromophenol	10.55	330	345509	121.79	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1631356	83.78	ng	0.00
78) Terphenyl-d14	12.83	244	1565730	90.70	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	114	0.024	ng	# 1
3) Pyridine	3.20	79	123911	10.096	ng	# 96
4) n-Nitrosodimethylamine	3.02	42	731	0.152	ng	# 1
6) Aniline	6.43	93	106408	6.751	ng	# 1
8) 2-Chlorophenol	6.50	128	576	0.056	ng	# 1
9) Benzaldehyde	6.21	77	76942	9.302	ng	# 1
10) Phenol	6.43	94	4242502	326.084	ng	# 97
11) bis(2-Chloroethyl)ether	6.62	93	8496	0.859	ng	# 82
12) 1,3-Dichlorobenzene	6.73	146	946	0.077	ng	# 61
13) 1,4-Dichlorobenzene	6.73	146	946	0.077	ng	# 90
14) 1,2-Dichlorobenzene	6.87	146	167	0.015	ng	# 1
15) Benzyl Alcohol	6.87	79	28326	3.369	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	6.99	45	3681	0.222	ng	# 1
17) 2-Methylphenol	7.00	107	1065096	118.352	ng	# 98
18) Hexachloroethane	7.15	117	133366	31.003	ng	# 3
19) n-Nitroso-di-n-propylamine	7.30	70	126319	17.320	ng	# 78
20) 3+4-Methylphenols	7.17	107	3098646	292.760	ng	# 87
22) Acetophenone	7.15	105	50979	3.961	ng	# 1
24) Nitrobenzene	7.42	77	96756	10.062	ng	# 54
25) Isophorone	7.30	82	915440	54.651	ng	# 64
27) 2,4-Dimethylphenol	7.67	122	480217	65.349	ng	# 96
28) bis(2-Chloroethoxy)methane	7.80	93	8811	0.852	ng	# 1
31) Naphthalene	8.05	128	7410646	274.883	ng	# 98
32) Benzoic acid	7.80	122	223911	36.368	ng	# 12
33) 4-Chloroaniline	8.05	127	1066260	94.054	ng	# 38
35) Caprolactam	8.66	113	352	0.142	ng	# 41
36) 4-Chloro-3-methylphenol	8.57	107	2523	0.320	ng	# 46
37) 2-Methylnaphthalene	8.72	142	427537	23.813	ng	# 99
45) 1,1'-Biphenyl	9.17	154	103300	4.035	ng	# 99
46) 2-Chloronaphthalene	9.24	162	1732	0.087	ng	# 60
47) 2-Nitroaniline	9.30	65	699	0.113	ng	# 24
48) Acenaphthylene	9.62	152	970564	31.308	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	38464	7.539	ng	# 28
51) Acenaphthene	9.79	154	57702	3.187	ng	# 98

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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

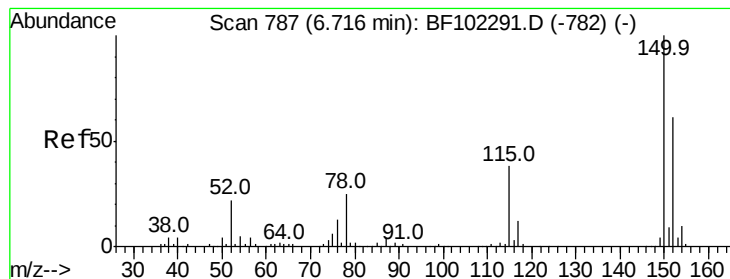
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:16:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) 3-Nitroaniline	9.89	138	308	0.051	nq	# 92
54) Dibenzofuran	9.96	168	315613	12.881	nq	98
55) 4-Nitrophenol	9.89	139	5194	1.304	nq	# 34
56) 2,4-Dinitrotoluene	9.75	165	38464	6.130	nq	# 25
57) Fluorene	10.30	166	269341	13.872	nq	98
59) Diethylphthalate	10.17	149	9296	0.404	nq	97
61) 4-Nitroaniline	10.30	138	3390	0.563	nq	# 35
62) Azobenzene	10.43	77	2733	0.130	nq	# 3
64) 4,6-Dinitro-2-methylphenol	10.55	198	675	0.205	nq	# 1
65) n-Nitrosodiphenylamine	10.26	169	5707	0.315	nq	94
66) 4-Bromophenyl-phenylether	10.55	248	21698	4.084	nq	# 1
70) Phenanthrene	11.26	178	383201	13.324	nq	99
71) Anthracene	11.26	178	383201	13.054	nq	100
72) Carbazole	11.48	167	1083042	37.818	nq	99
73) Di-n-butylphthalate	11.80	149	9605	0.268	nq	# 1
74) Fluoranthene	12.44	202	53630	1.829	nq	98
76) Benzidine	12.83	184	21536	1.647	nq	96
77) Pyrene	12.67	202	37915	1.260	nq	99
79) Butylbenzylphthalate	13.30	149	3673	0.245	nq	99
80) Benzo(a)anthracene	13.90	228	15100	0.630	nq	97
82) Chrysene	13.90	228	15100	0.621	nq	94
83) Bis(2-ethylhexyl)phthalate	13.86	149	16156	0.803	nq	# 95
84) Di-n-octyl phthalate	14.47	149	19703	0.602	nq	# 58
85) Indeno(1,2,3-cd)pyrene	16.69	276	2615	0.130	nq	# 54
87) Benzo(b)fluoranthene	14.89	252	17909	1.018	nq	# 89
88) Benzo(k)fluoranthene	14.92	252	15300	0.921	nq	# 86
89) Benzo(a)pyrene	15.24	252	12562	0.792	nq	# 81
90) Dibenzo(a,h)anthracene	16.71	278	1564	0.122	nq	# 15
91) Benzo(a,h,i)perylene	17.10	276	1401	0.110	nq	# 53

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

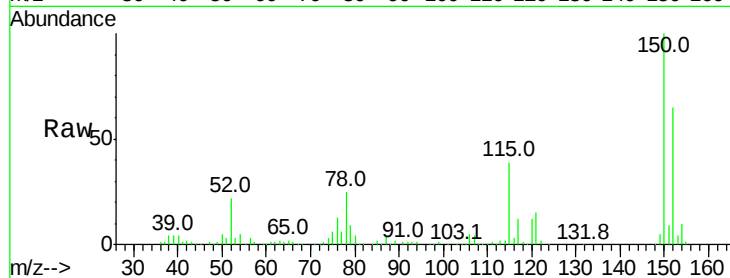


#1

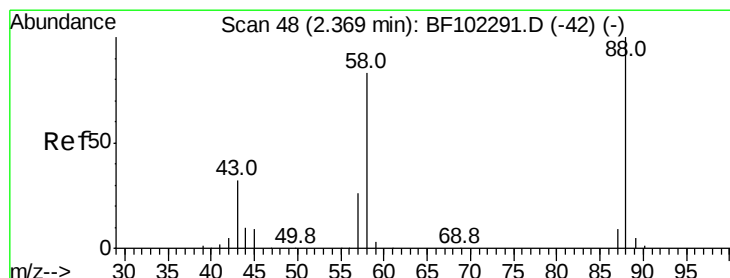
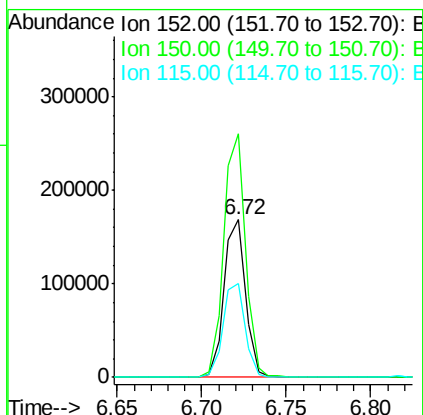
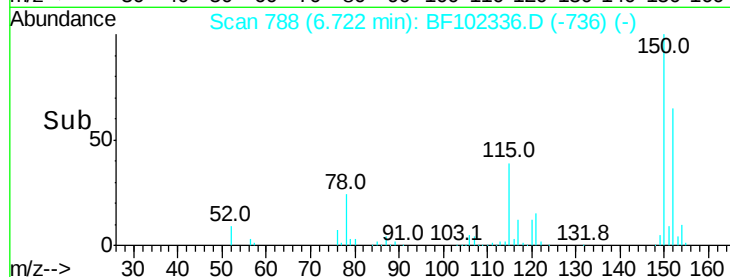
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 149883
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 60.0 50.1 75.1



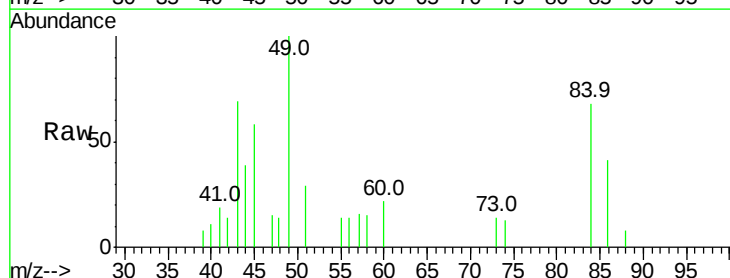
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



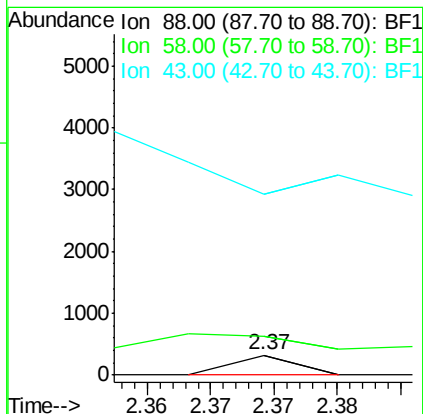
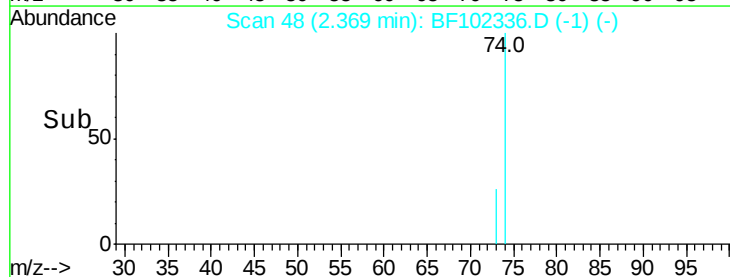
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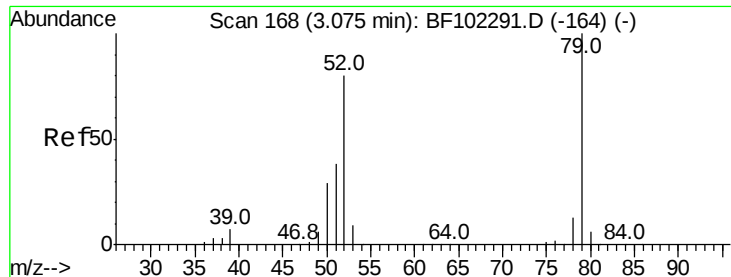
1,4-Dioxane
 Concen: 0.024 ng
 RT: 2.37 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion: 88 Resp: 114
 Ion Ratio Lower Upper
 88 100
 58 238.6 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: 10.096 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.13 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

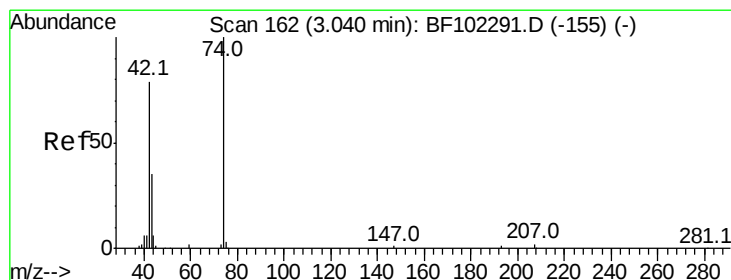
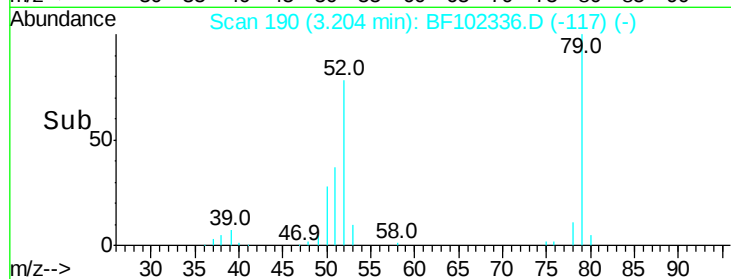
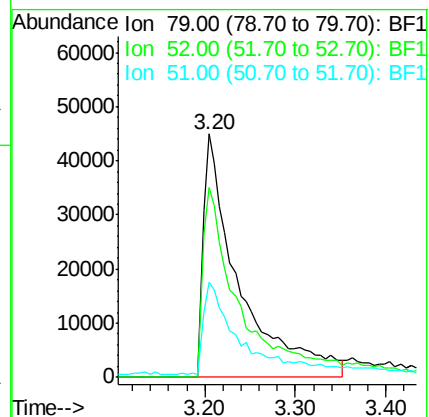
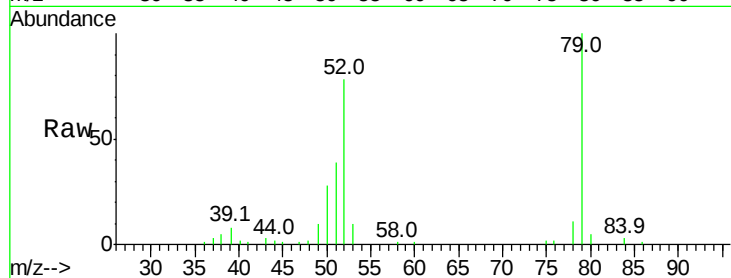
Tot Ion: 79 Resp: 123911

Ion Ratio Lower Upper

79 100

52 78.2 59.8 89.6

51 39.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 0.152 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.02 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

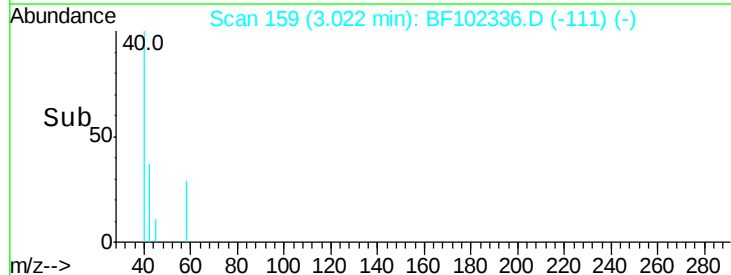
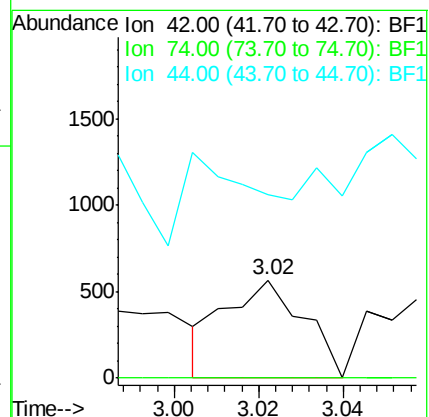
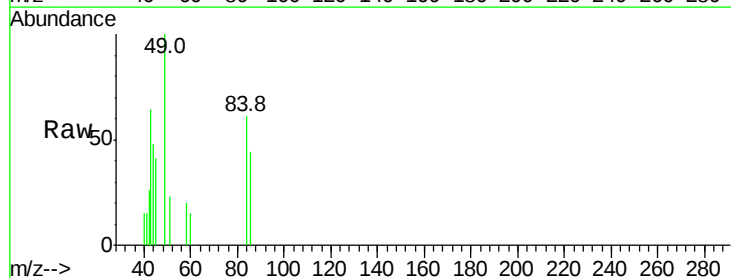
Tgt Ion: 42 Resp: 731

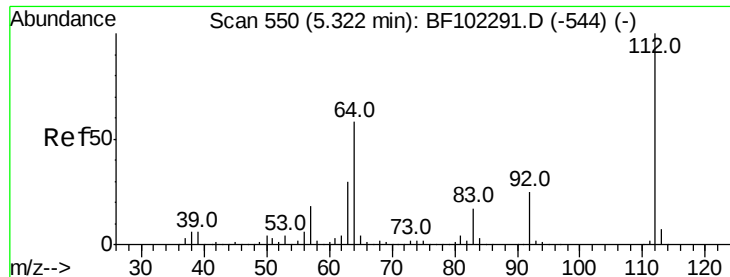
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 186.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 118.115 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.04 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampled :

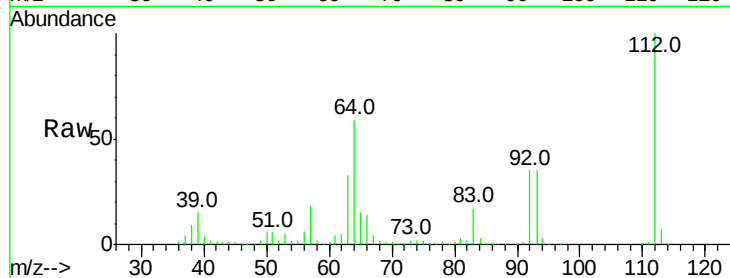
Tot Ion:112 Resp: 1167573

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

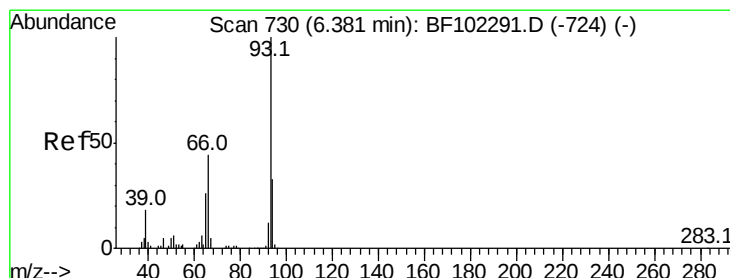
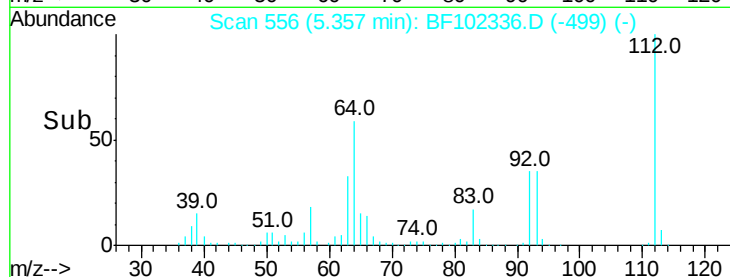
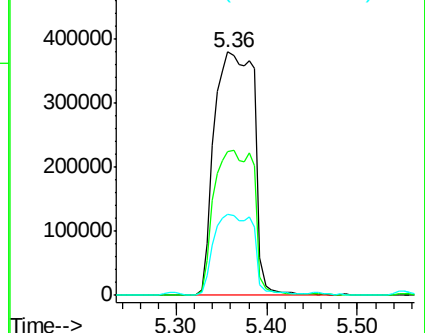
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.751 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.05 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

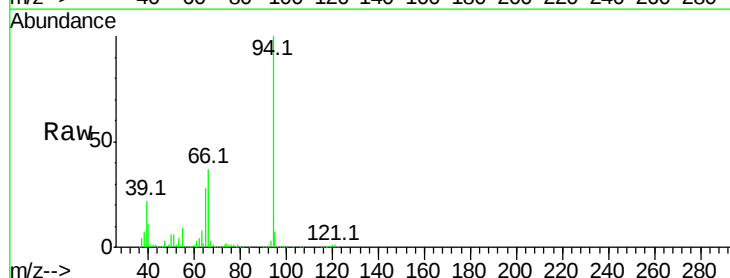
Tgt Ion: 93 Resp: 106408

Ion Ratio Lower Upper

93 100

66 1367.7 32.2 48.2#

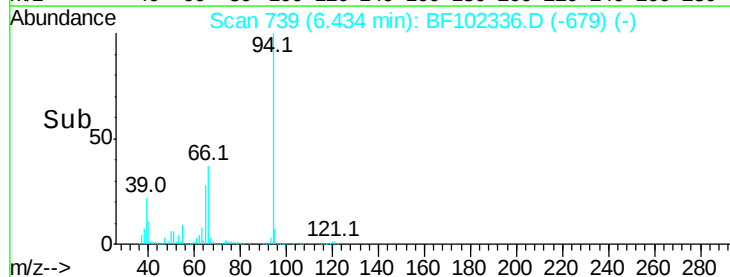
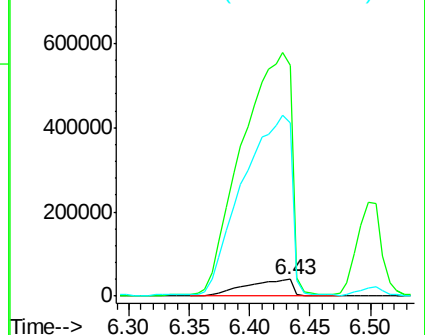
65 1028.5 16.4 24.6#

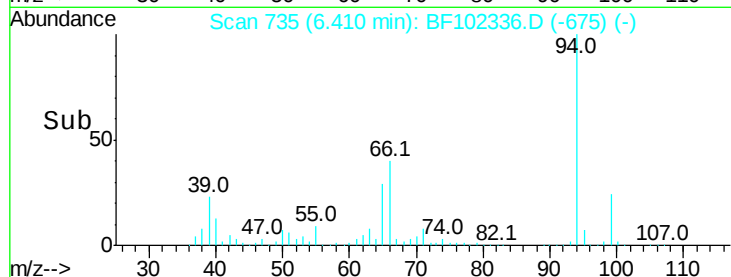
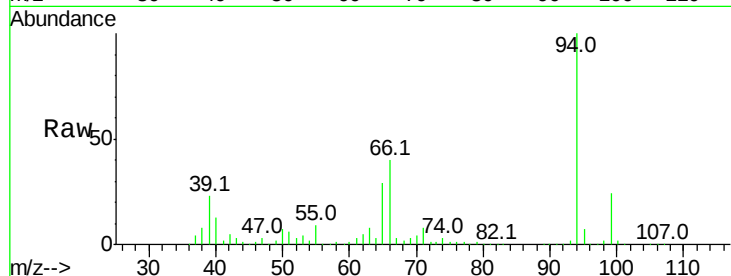
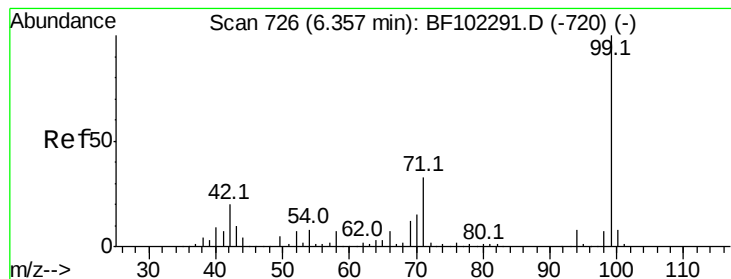


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.052 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampled :

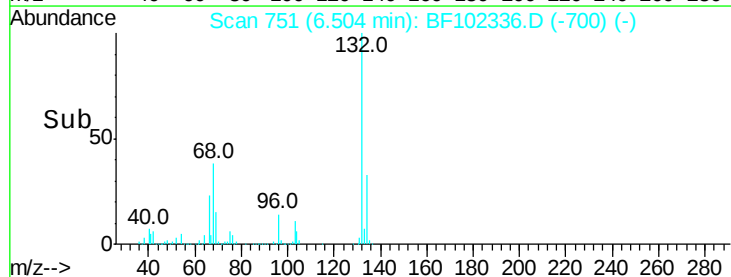
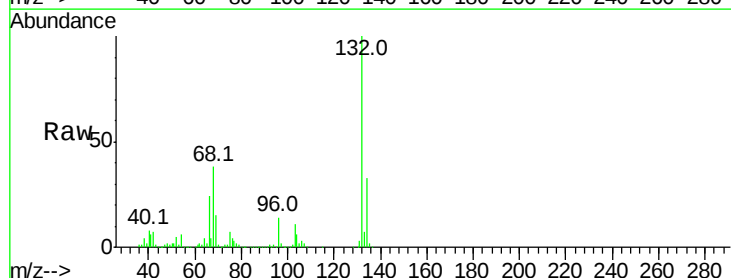
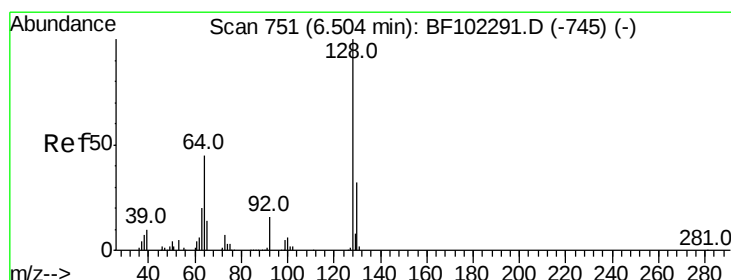
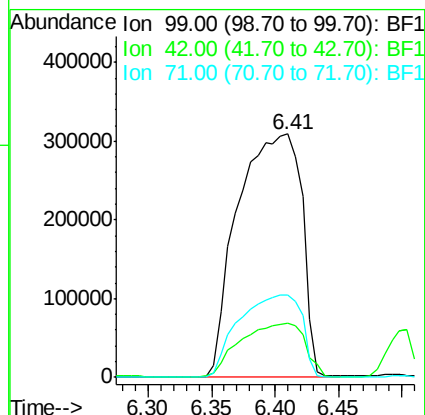
Tot Ion: 99 Resp: 1085097

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 33.7 25.4 38.0



#8

2-Chlorophenol

Concen: 0.056 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

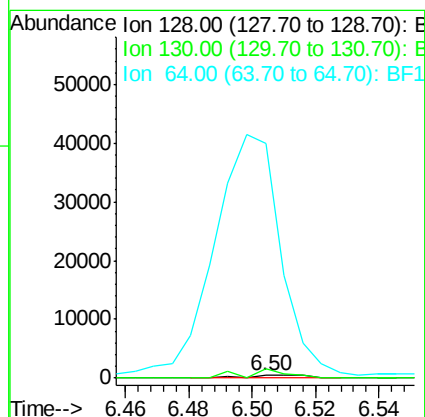
Tgt Ion:128 Resp: 576

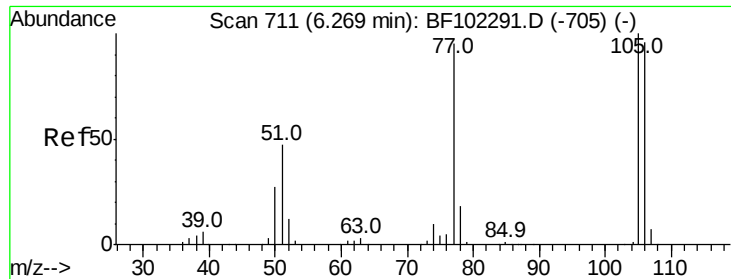
Ion Ratio Lower Upper

128 100

130 330.9 13.0 53.0#

64 8217.3 29.4 69.4#

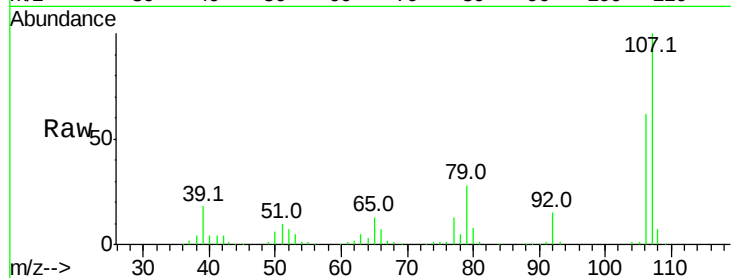




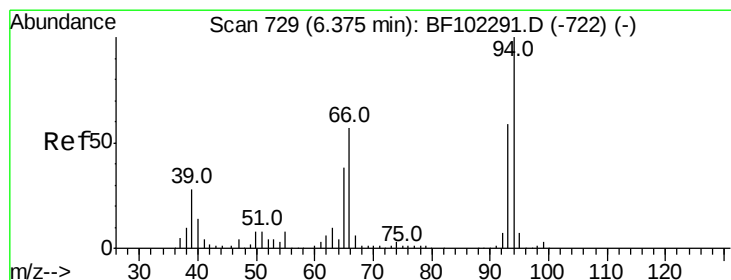
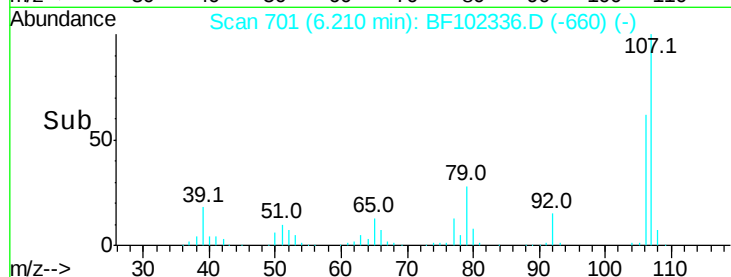
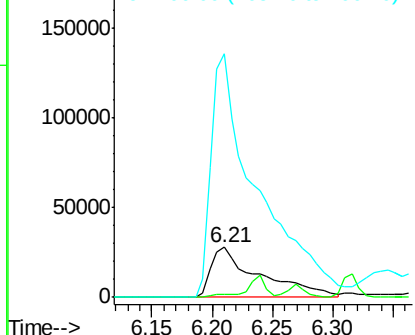
#9
Benzaldehyde
Concen: 9.302 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 76942
Ion Ratio Lower Upper
77 100
105 7.1 81.1 121.1#
106 485.6 74.5 114.5#

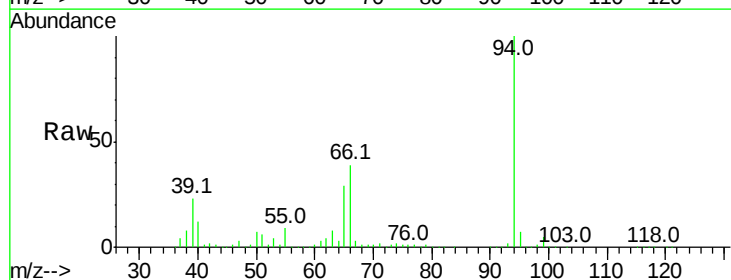


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

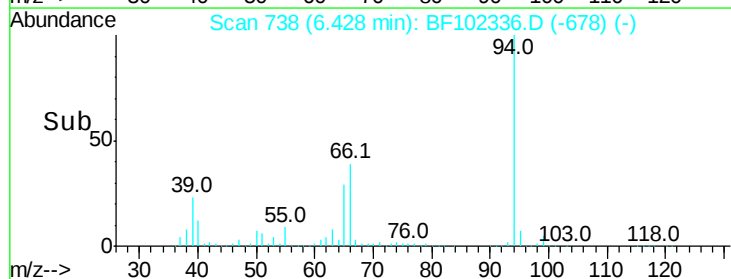
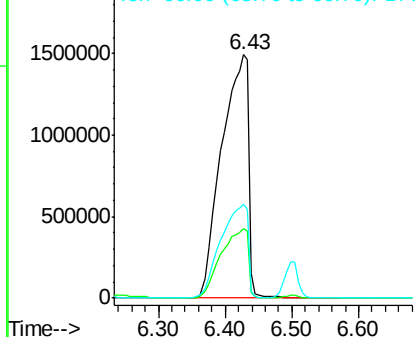


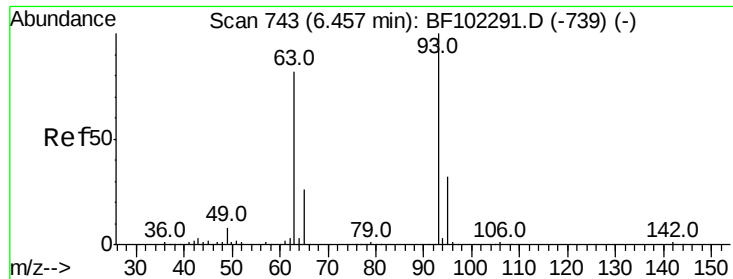
#10
Phenol
Concen: 326.084 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.05 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion: 94 Resp: 4242502
Ion Ratio Lower Upper
94 100
65 28.7 7.9 47.9
66 38.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

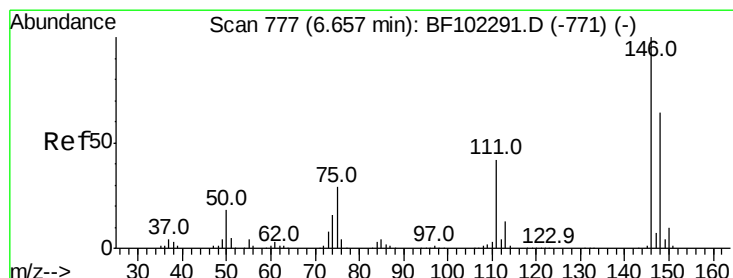
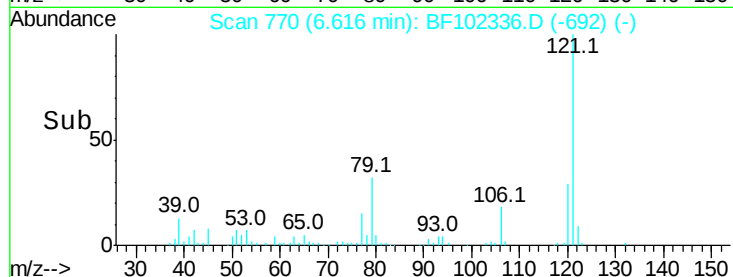
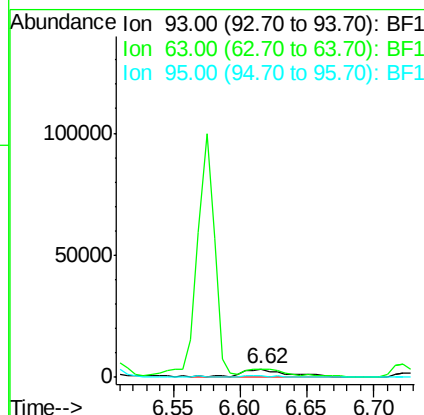
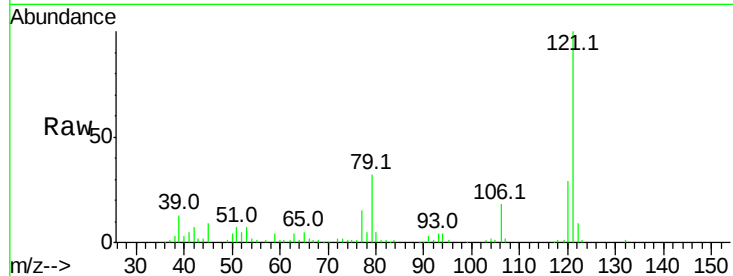




#11
 bis(2-Chloroethyl)ether
 Concen: 0.859 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.16 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

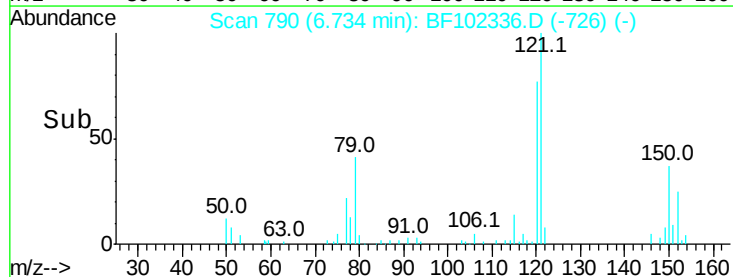
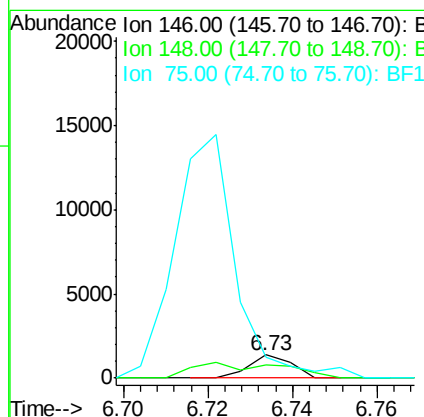
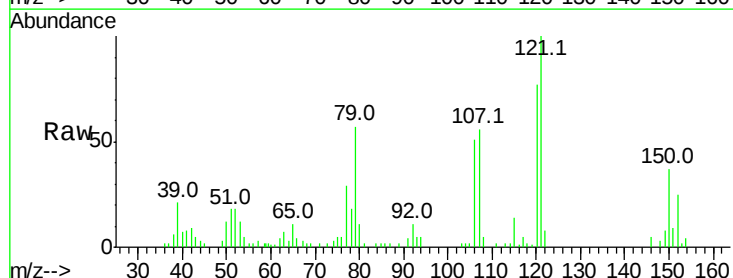
Instrument :
 BNA_F
 ClientSampleId :

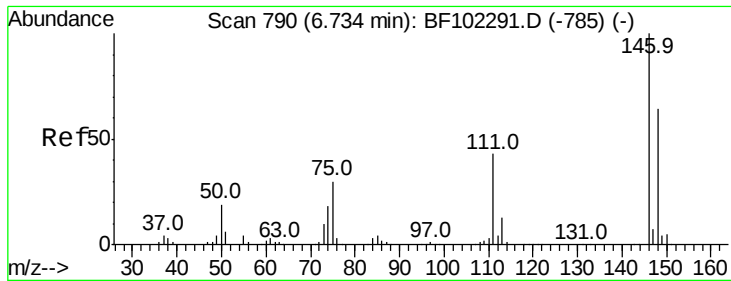
Tot Ion: 93 Resp: 8496
 Ion Ratio Lower Upper
 93 100
 63 92.9 58.6 98.6
 95 19.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 0.077 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.08 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion: 146 Resp: 946
 Ion Ratio Lower Upper
 146 100
 148 59.1 51.8 77.8
 75 88.6 24.2 36.4#

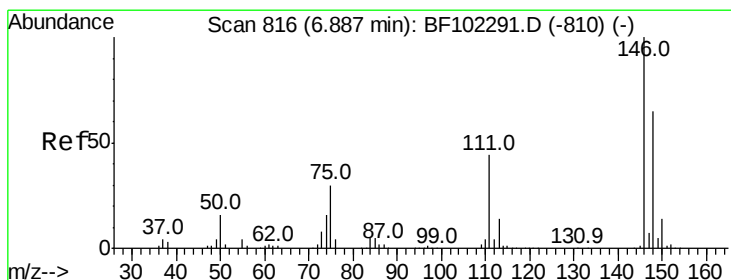
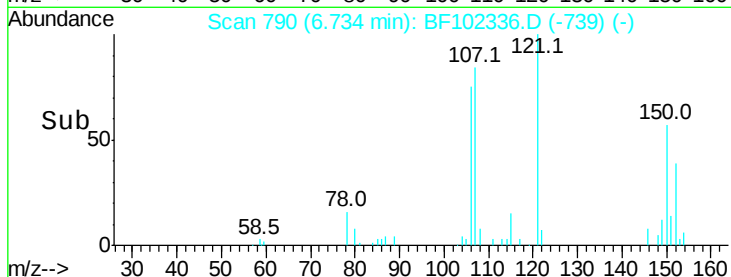
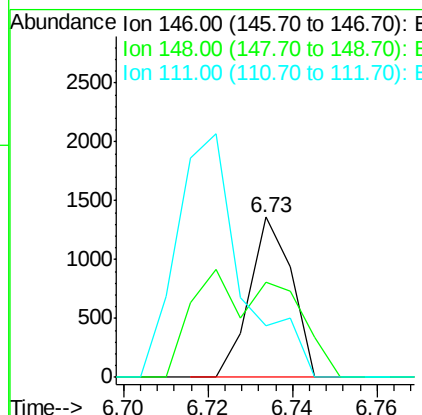
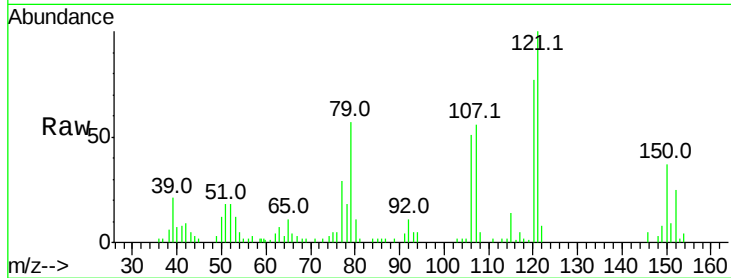




#13
 1,4-Dichlorobenzene
 Concen: 0.077 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

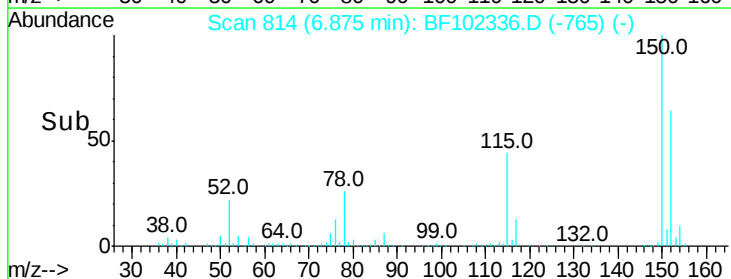
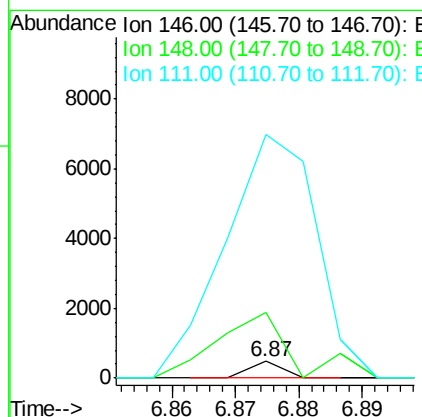
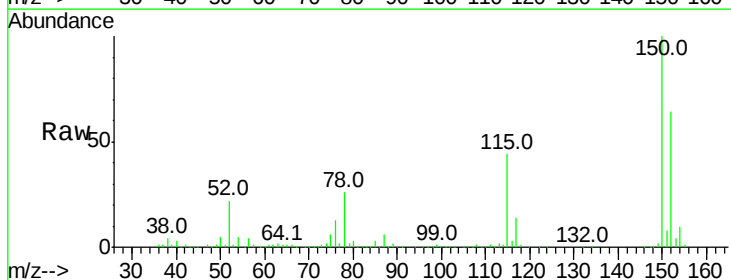
Instrument :
 BNA_F
 ClientSampleId :

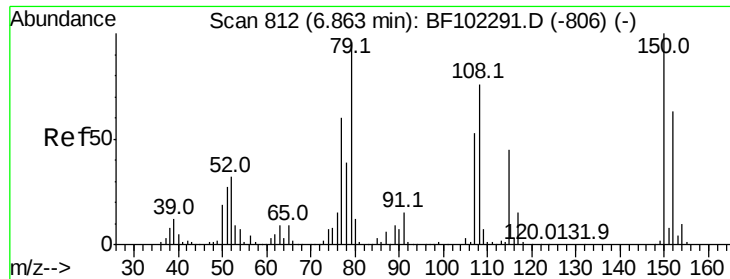
Tot Ion:146 Resp: 946
 Ion Ratio Lower Upper
 146 100
 148 59.1 50.8 76.2
 111 32.5 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.015 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion:146 Resp: 167
 Ion Ratio Lower Upper
 146 100
 148 399.6 50.6 75.8#
 111 1472.6 36.0 54.0#





#15

Benzyl Alcohol

Concen: 3.369 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampled :

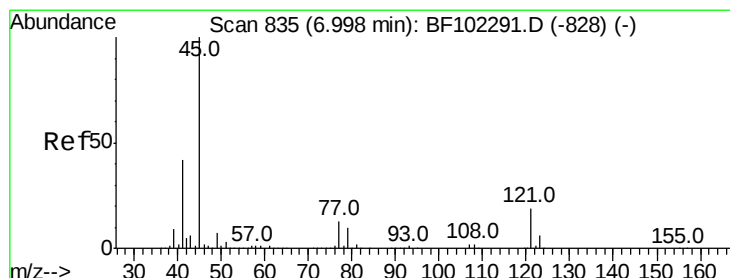
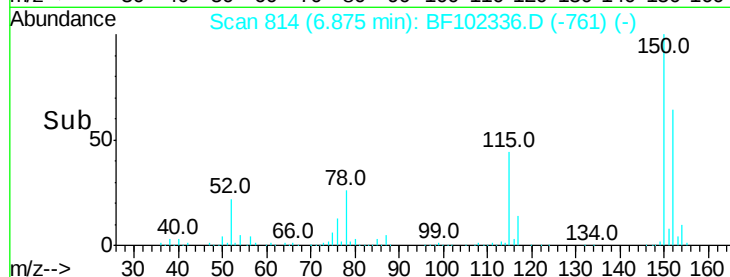
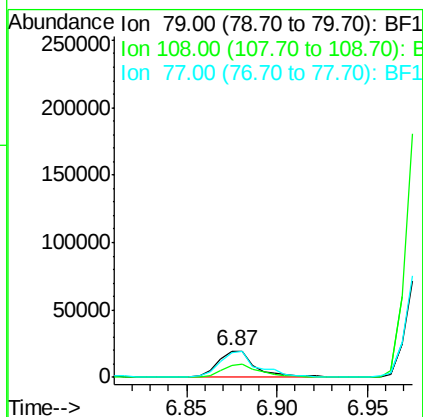
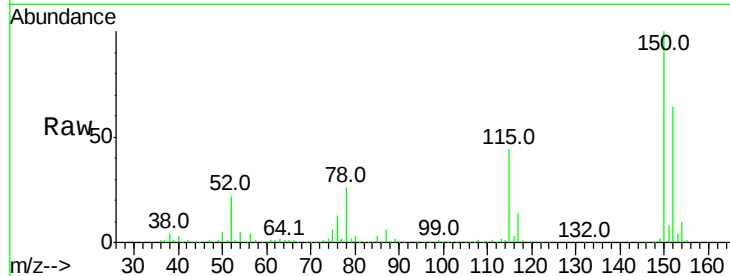
Tot Ion: 79 Resp: 28326

Ion Ratio Lower Upper

79 100

108 45.6 65.1 97.7#

77 96.0 50.6 75.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.222 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

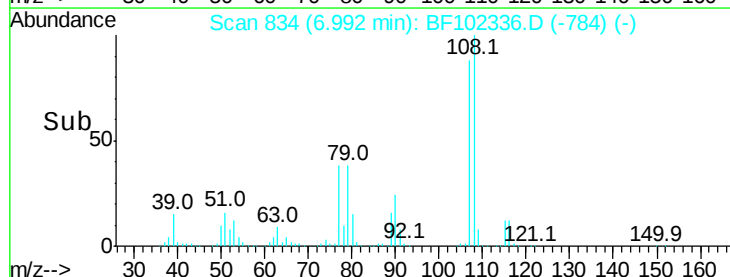
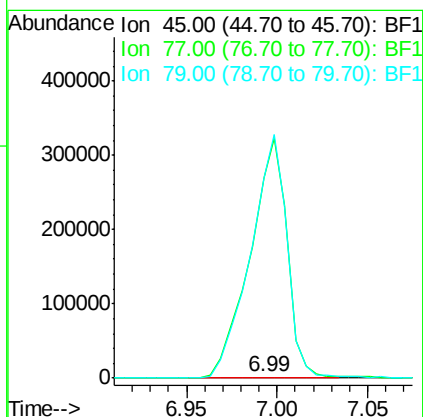
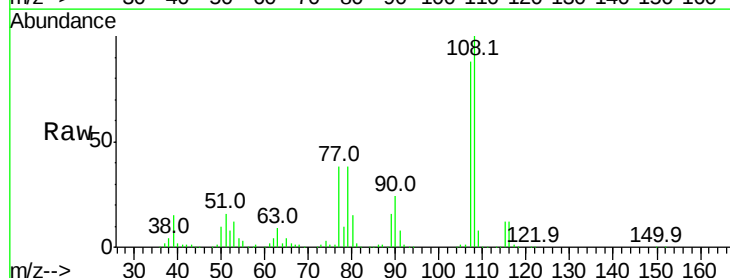
Tgt Ion: 45 Resp: 3681

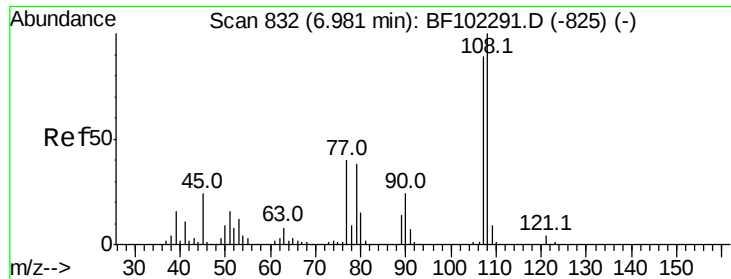
Ion Ratio Lower Upper

45 100

77 20082.3 0.0 32.9#

79 20130.0 0.0 29.6#





#17

2-Methylphenol

Concen: 118.352 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.02 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1065096

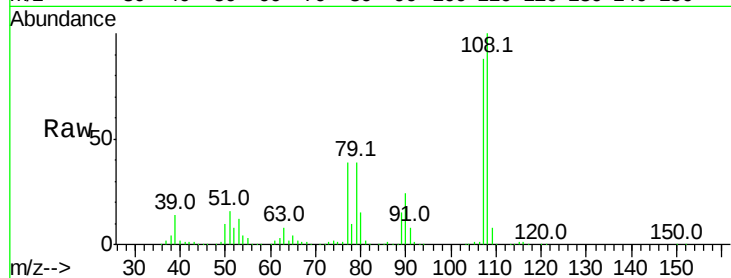
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 43.6 33.8 50.8

79 44.2 33.8 50.8

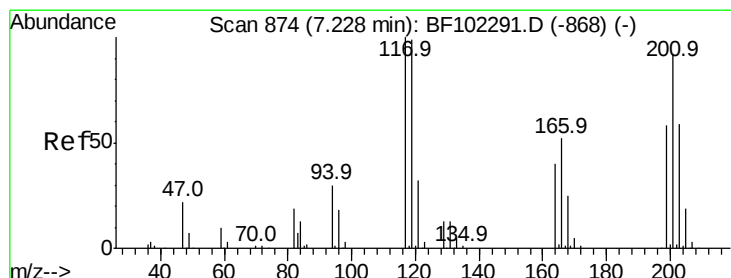
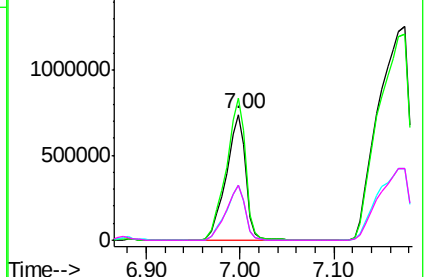
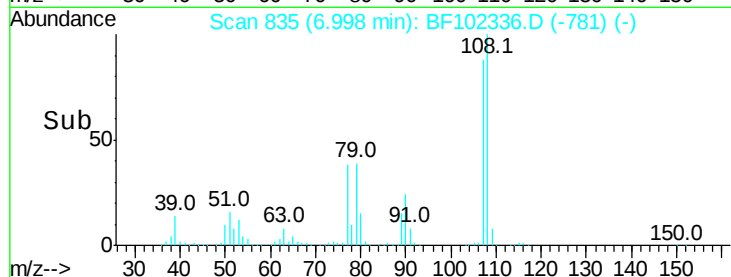


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.003 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.08 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

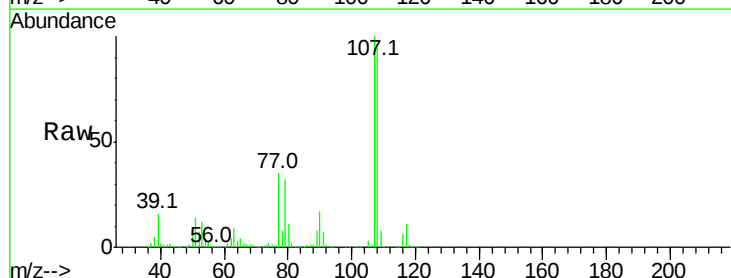
Tgt Ion:117 Resp: 133366

Ion Ratio Lower Upper

117 100

119 0.8 75.8 113.8#

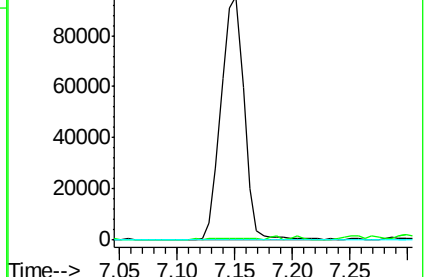
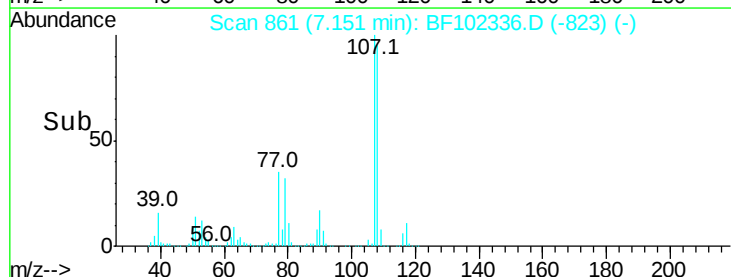
201 0.0 75.7 113.5#

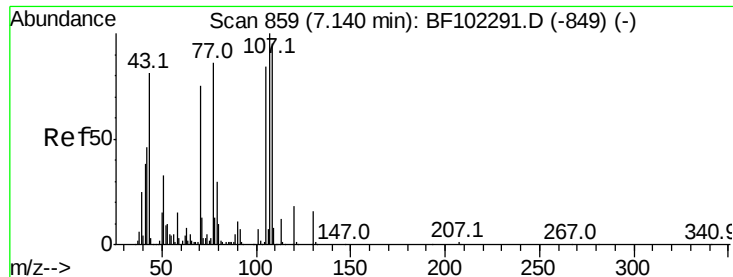


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

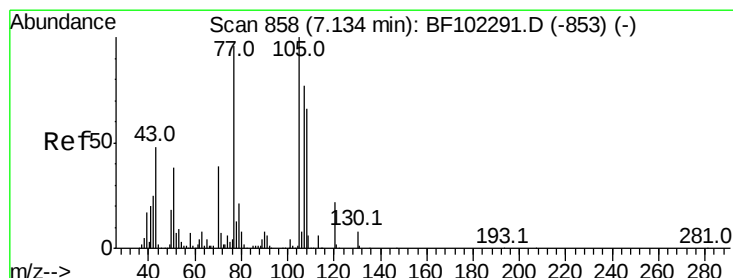
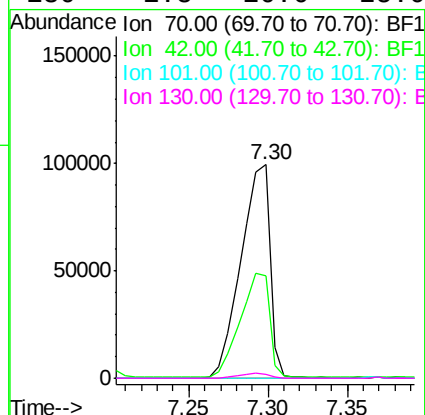
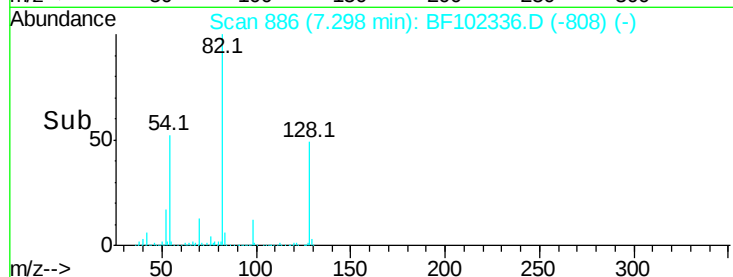
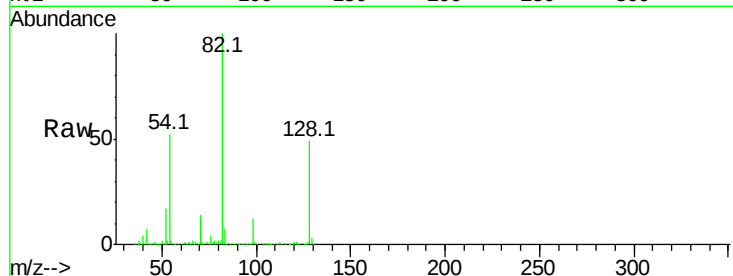




#19
n-Nitroso-di-n-propylamine
Concen: 17.320 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.16 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

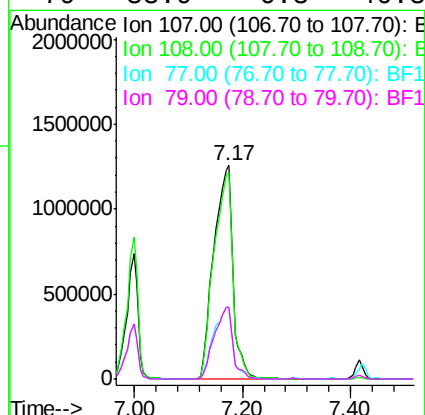
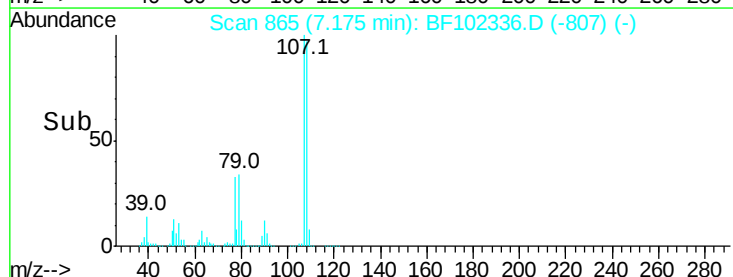
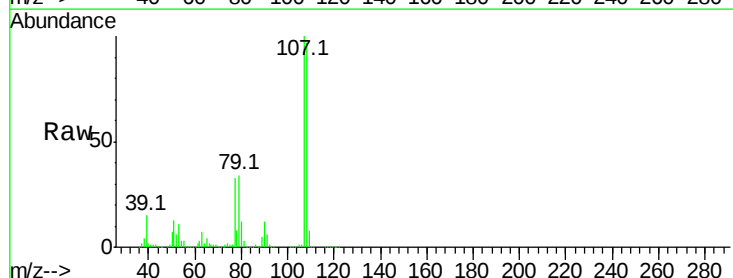
Instrument :
BNA_F
ClientSampleId :

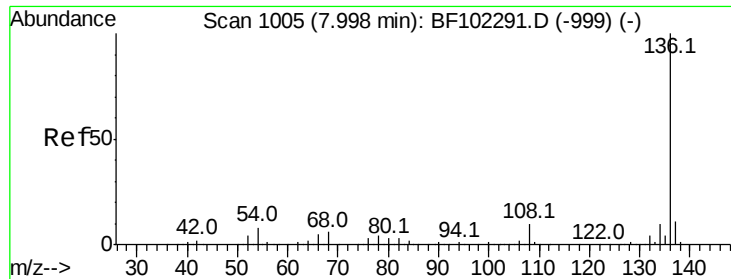
Tot Ion: 70 Resp: 126319
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#20
3+4-Methylphenols
Concen: 292.760 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.04 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:107 Resp: 3098646
Ion Ratio Lower Upper
107 100
108 96.8 68.2 108.2
77 33.5 26.7 66.7
79 33.9 6.3 46.3

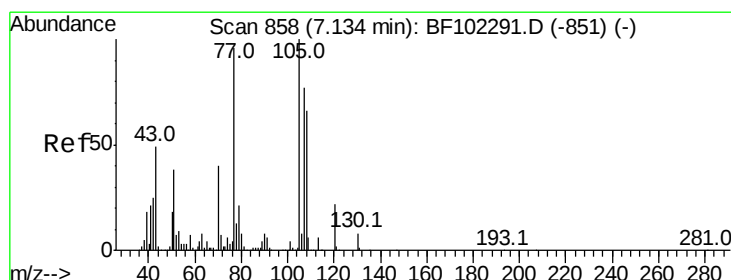
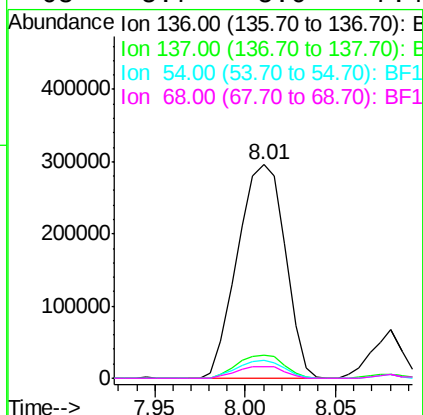
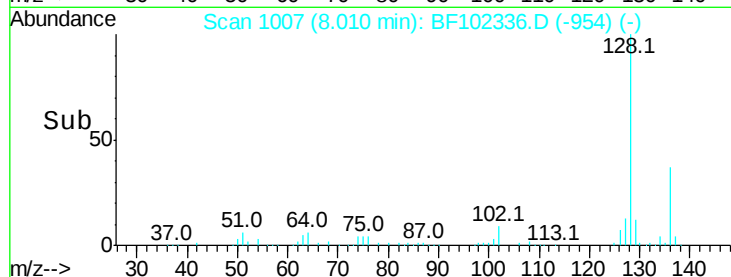
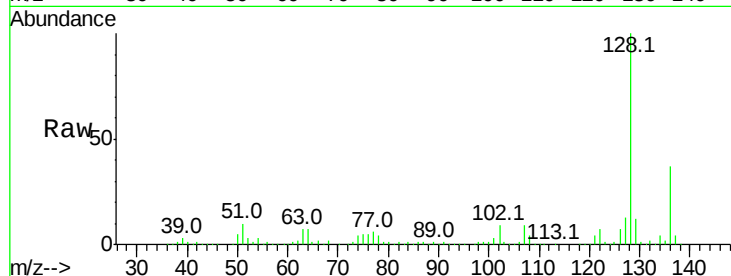




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

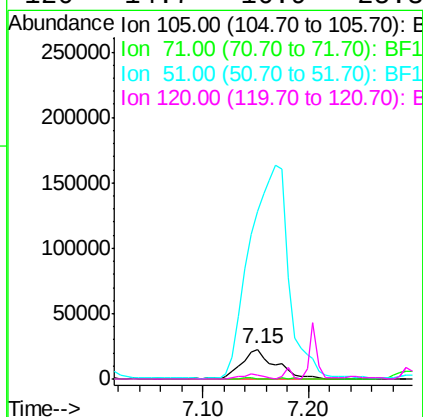
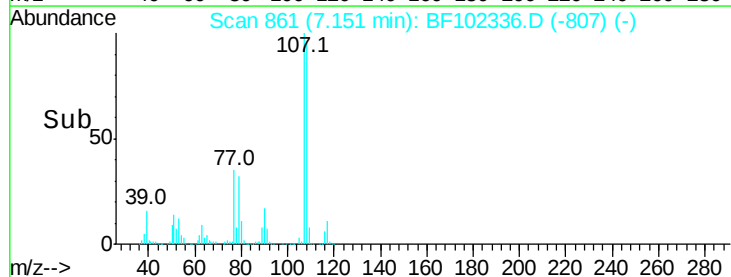
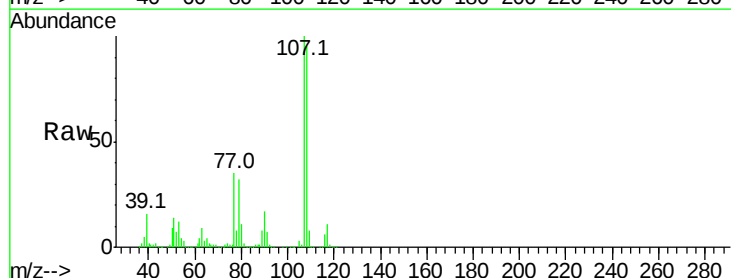
Instrument :
BNA_F
ClientSampleId :

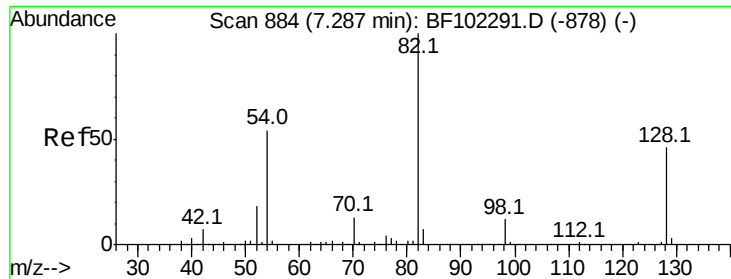
Tot Ion:	136	Resp:	539958
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	5.7	5.0	7.4



#22
Acetophenone
Concen: 3.961 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:	105	Resp:	50979
Ion	Ratio	Lower	Upper
105	100		
71	1.8	4.4	6.6#
51	557.6	22.3	33.5#
120	14.7	16.9	25.3#

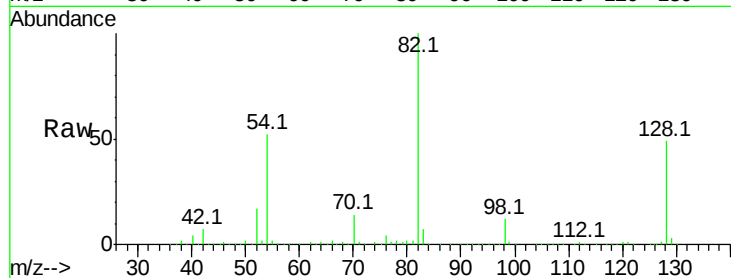




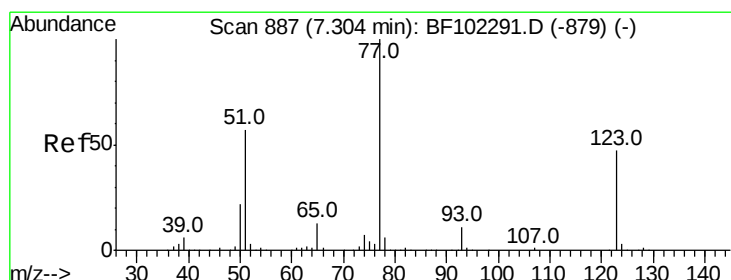
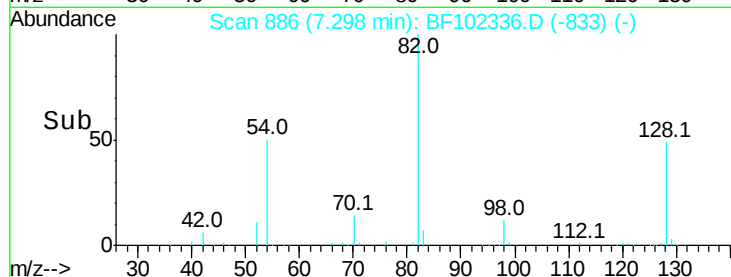
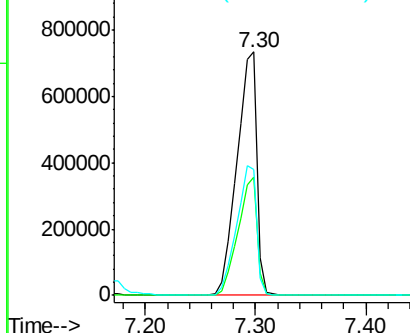
#23
Nitrobenzene-d5
Concen: 99.403 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	933988
Ion Ratio	100	Lower	Upper
128	48.6	36.1	54.1
54	51.9	41.4	62.2

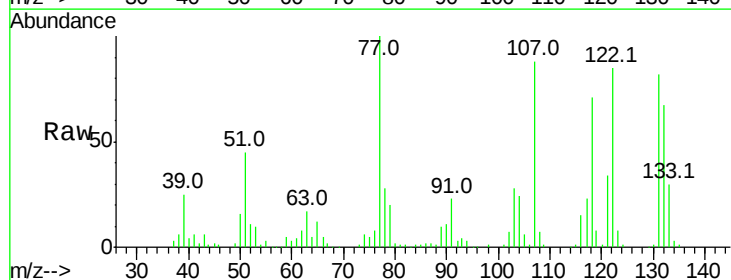


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

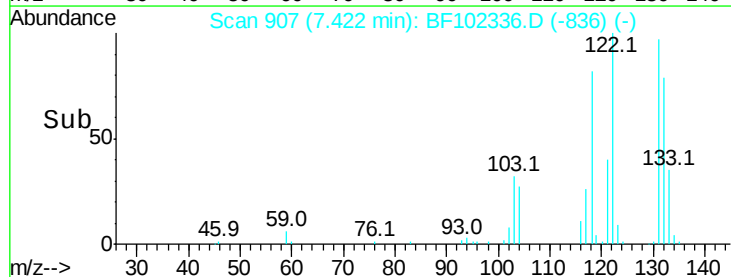
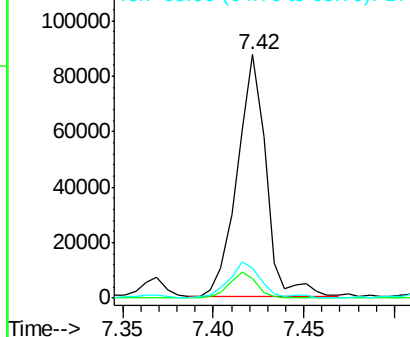


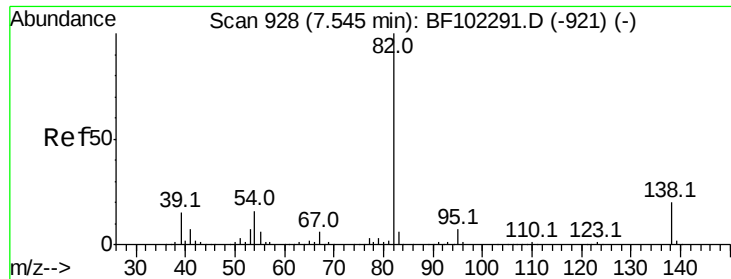
#24
Nitrobenzene
Concen: 10.062 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion	77	Resp	96756
Ion Ratio	100	Lower	Upper
123	7.9	37.9	56.9#
65	12.4	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: 54.651 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampled :

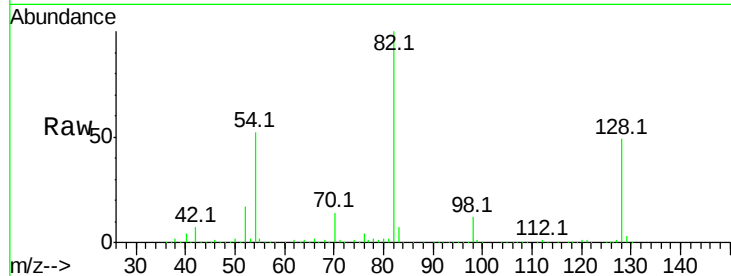
Tot Ion: 82 Resp: 915440

Ion Ratio Lower Upper

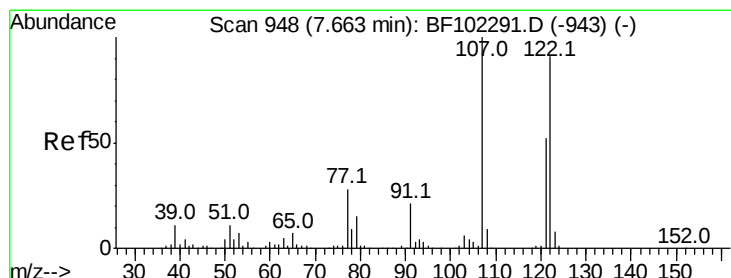
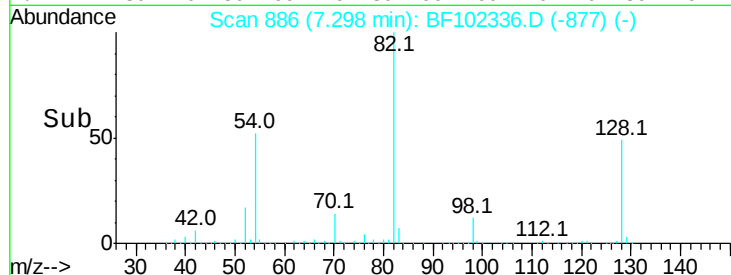
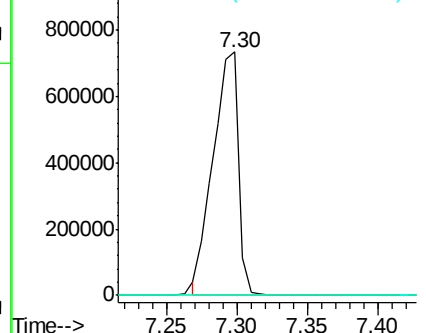
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 65.349 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

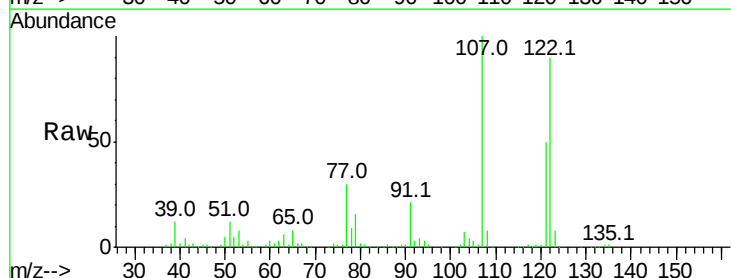
Tgt Ion:122 Resp: 480217

Ion Ratio Lower Upper

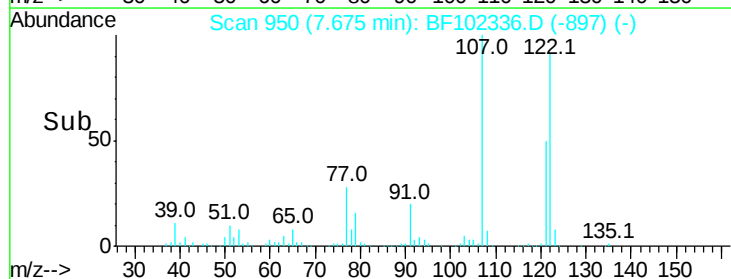
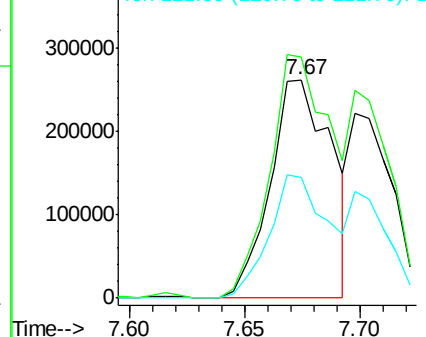
122 100

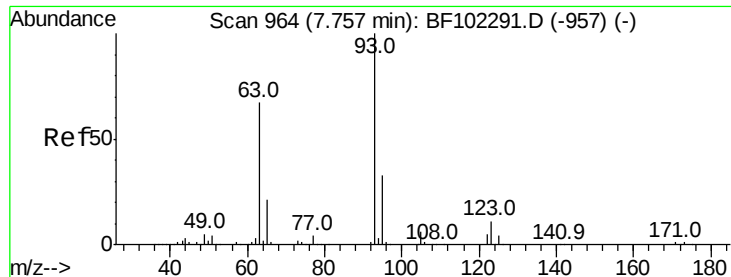
107 110.5 91.2 136.8

121 55.6 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

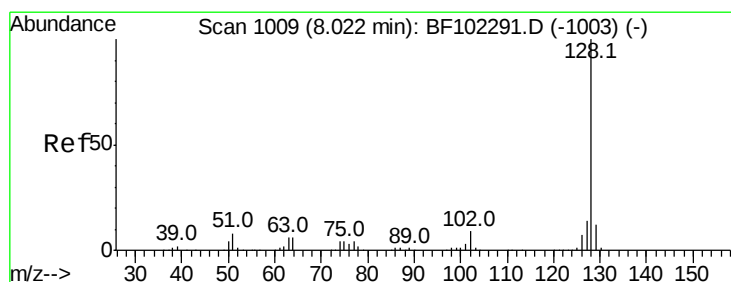
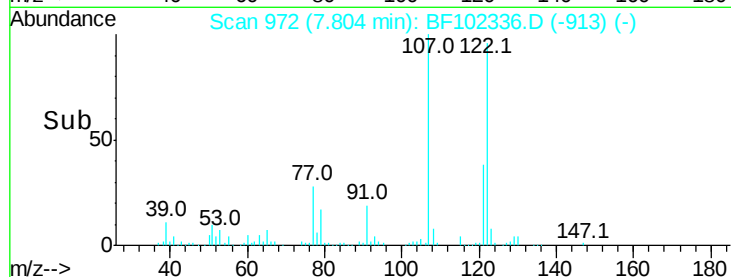
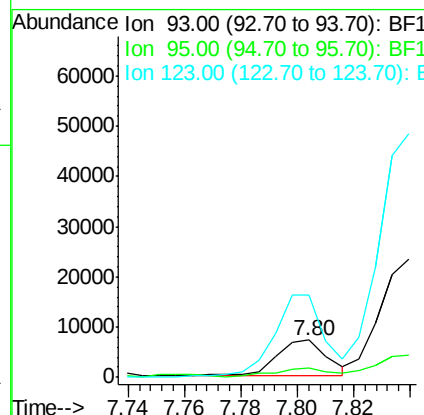
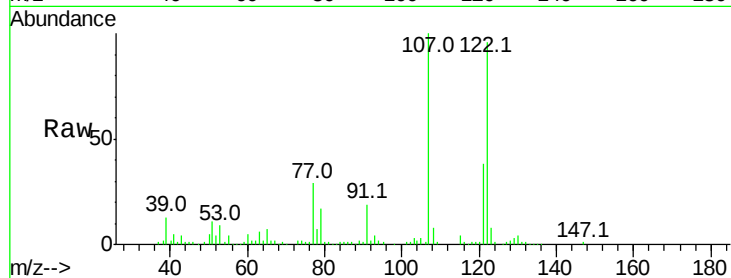




#28
bis(2-Chloroethoxy)methane
Concen: 0.852 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.05 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

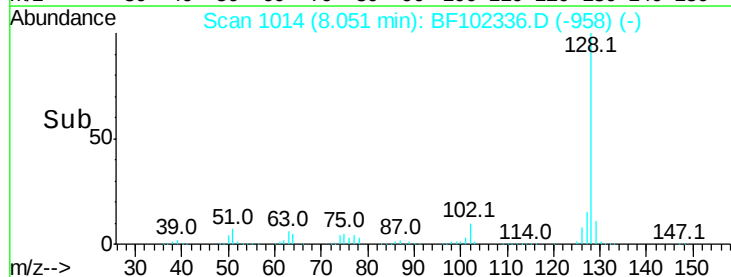
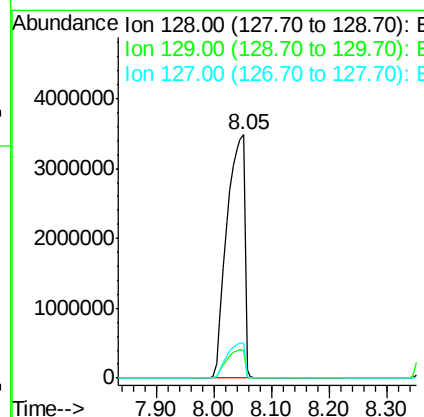
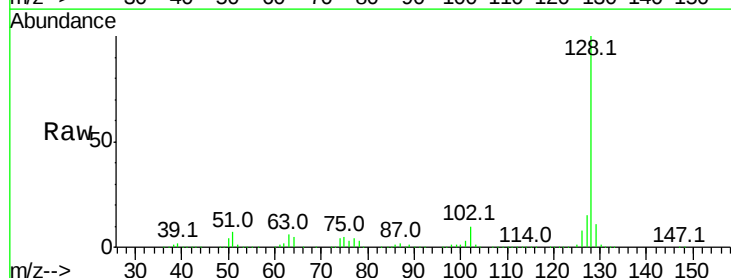
Instrument :
BNA_F
ClientSampleId :

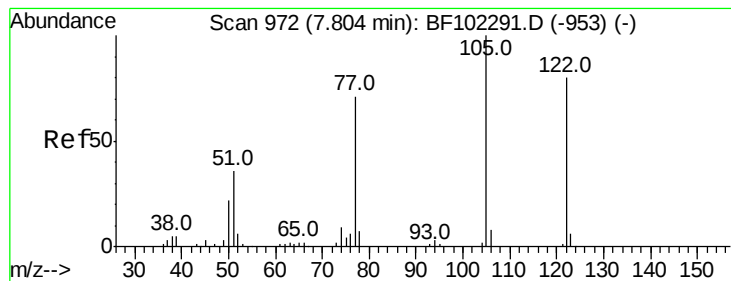
Tot Ion: 93 Resp: 8811
Ion Ratio Lower Upper
93 100
95 25.3 26.3 39.5#
123 218.9 9.8 14.6#



#31
Naphthalene
Concen: 274.883 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.03 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:128 Resp: 7410646
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.6 10.9 16.3





#32

Benzoic acid

Concen: 36.368 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

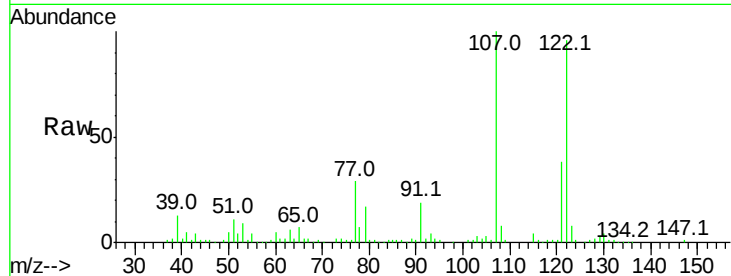
Tot Ion:122 Resp: 223911

Ion Ratio Lower Upper

122 100

105 3.1 101.1 141.1#

77 30.3 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

600000

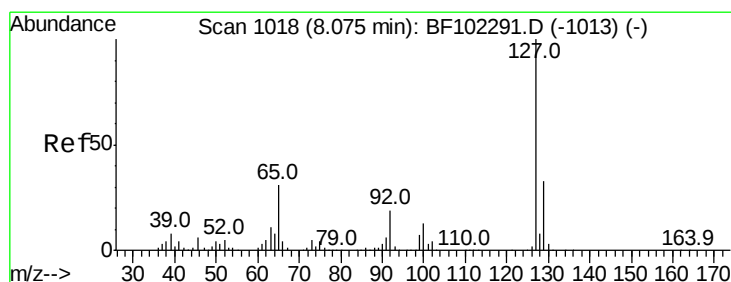
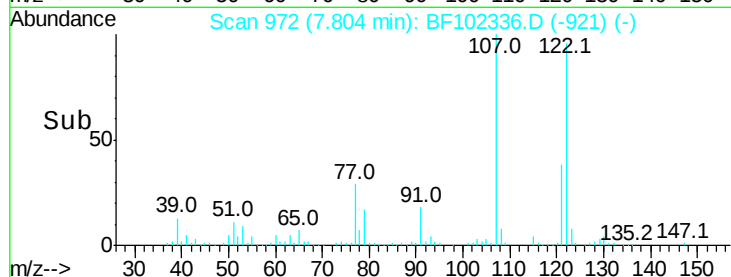
400000

200000

0

7.80

Time-->



#33

4-Chloroaniline

Concen: 94.054 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Tgt Ion:127 Resp: 1066260

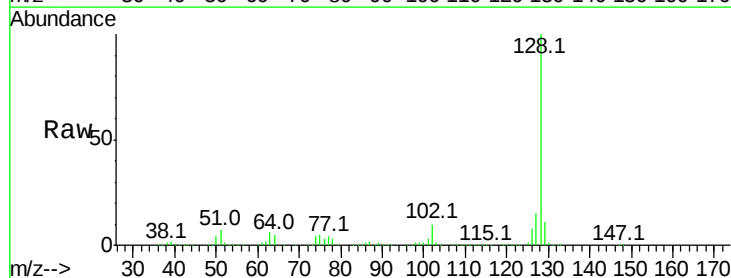
Ion Ratio Lower Upper

127 100

129 77.2 25.9 38.9#

65 0.0 25.0 37.4#

92 0.2 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

800000

600000

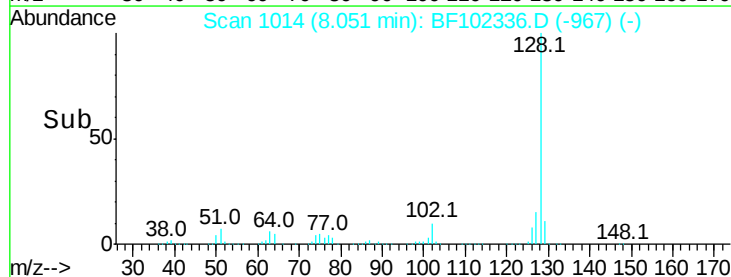
400000

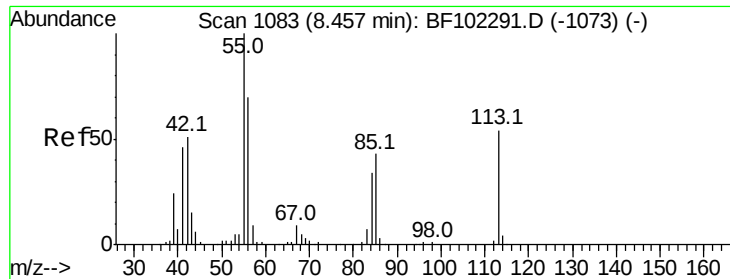
200000

0

8.05

Time-->





#35

Caprolactam

Concen: 0.142 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.21 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

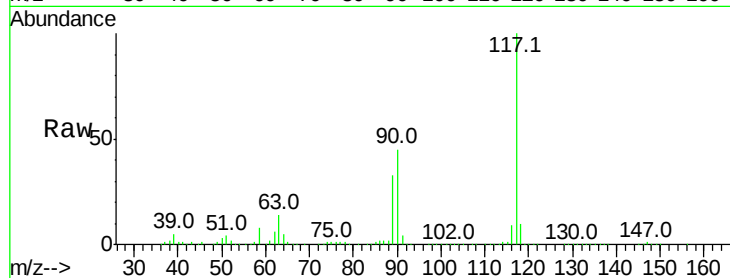
Tot Ion:113 Resp: 352

Ion Ratio Lower Upper

113 100

55 174.6 163.3 203.3

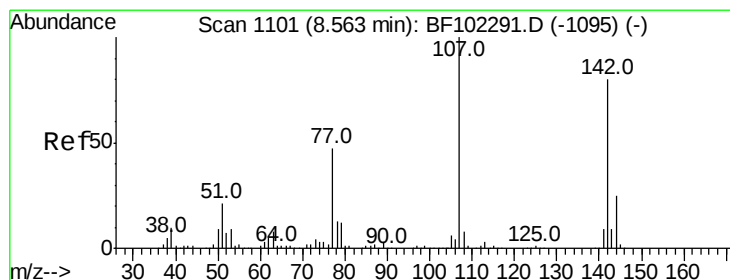
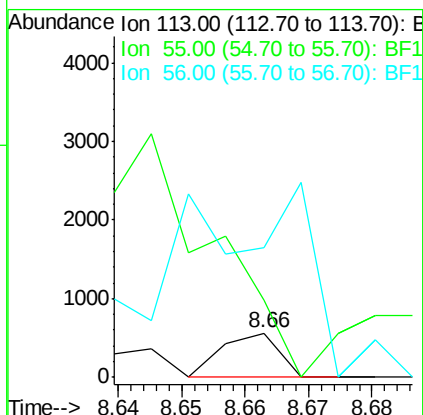
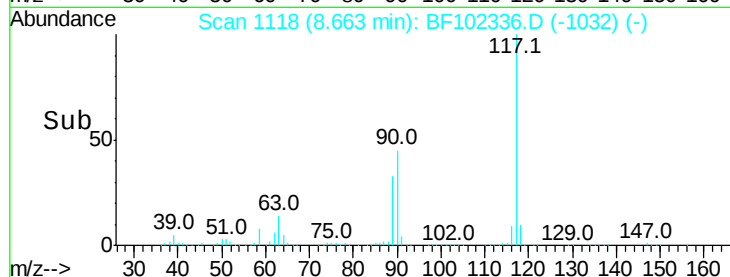
56 290.5 115.7 155.7#



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: 0.320 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

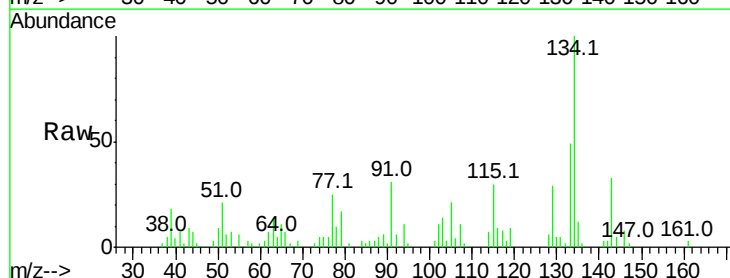
Tgt Ion:107 Resp: 2523

Ion Ratio Lower Upper

107 100

144 48.8 20.5 30.7#

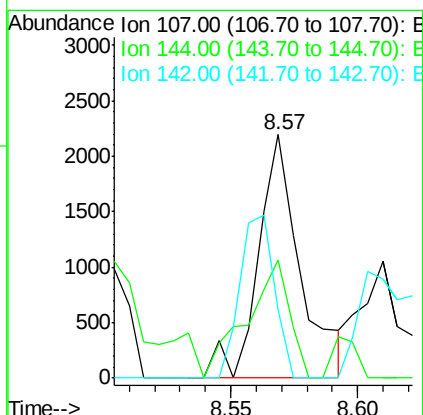
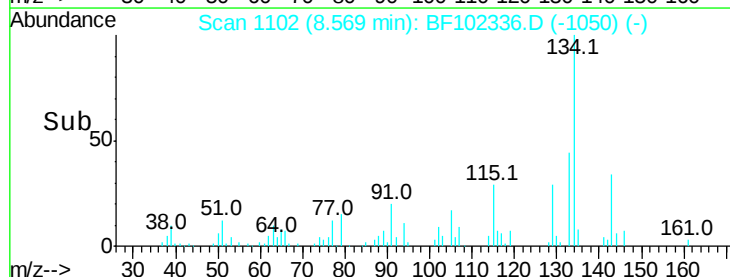
142 28.0 62.0 93.0#

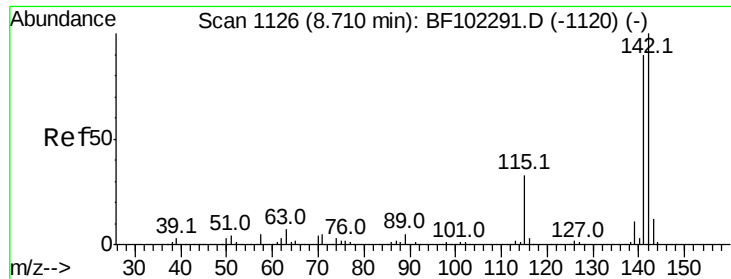


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

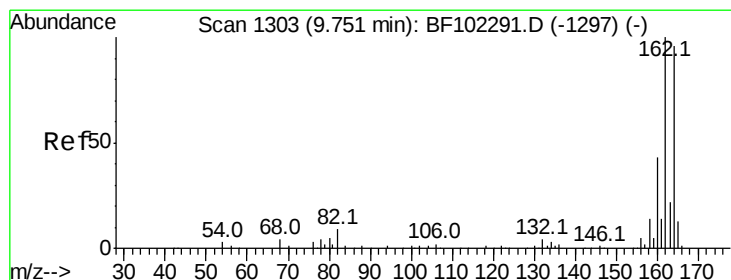
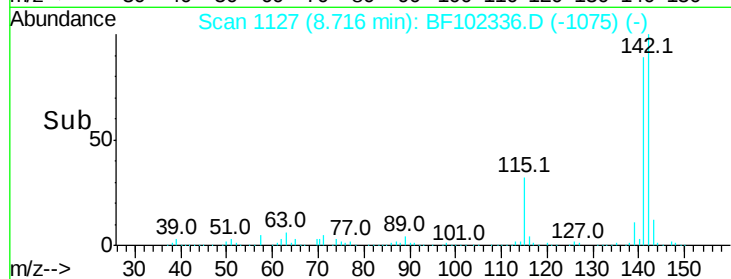
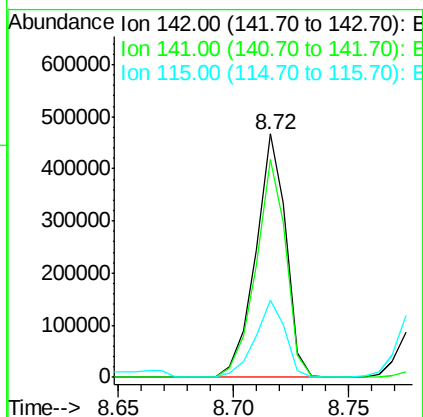
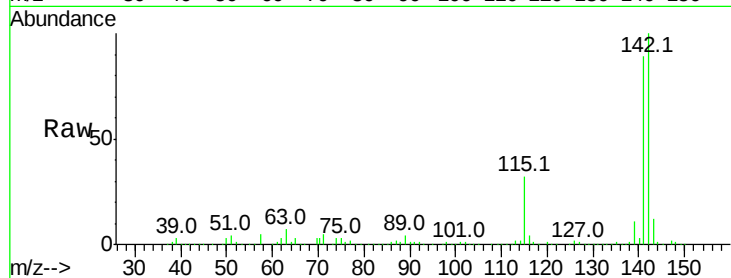




#37
 2-Methylnaphthalene
 Concen: 23.813 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

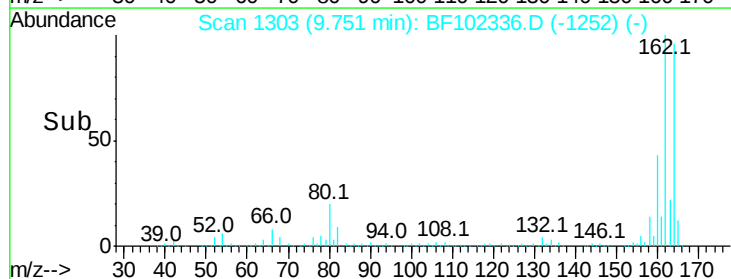
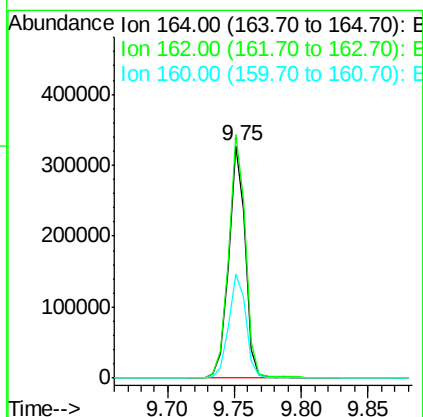
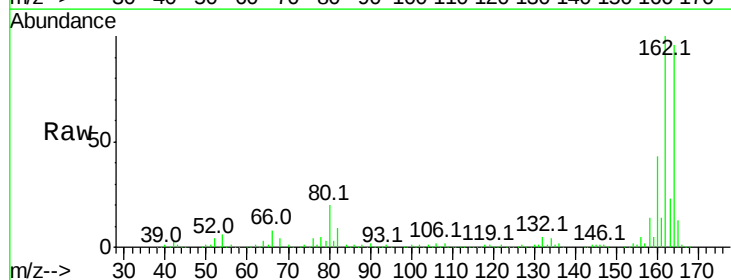
Instrument :
 BNA_F
 ClientSampleId :

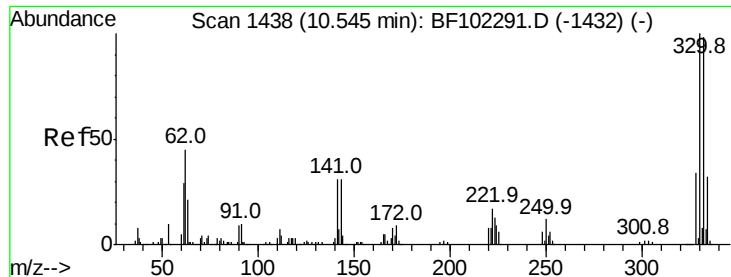
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	31.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.8	38.3	57.5

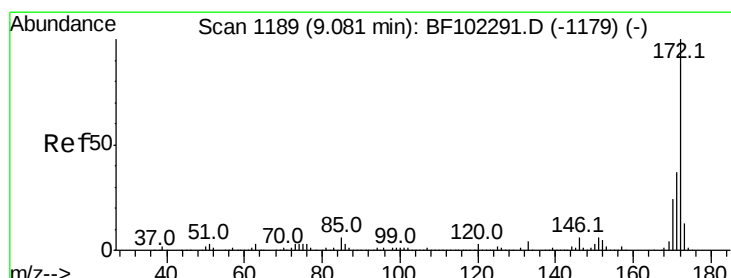
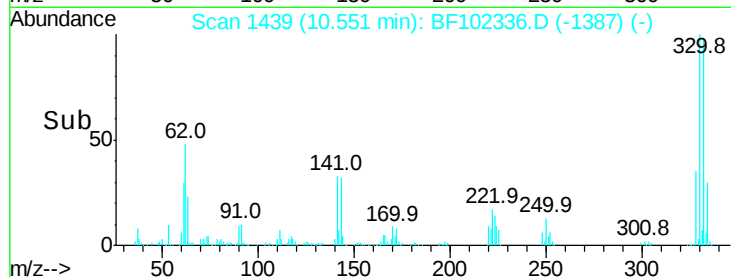
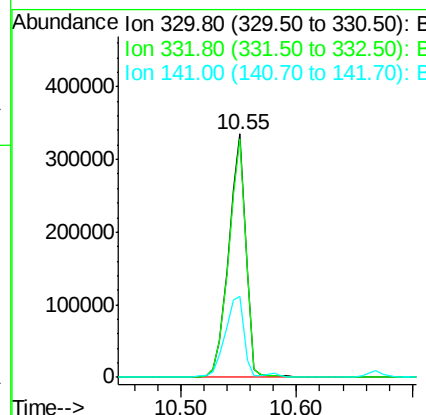
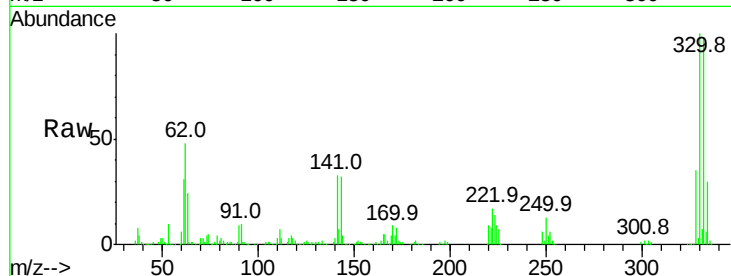




#41
 2,4,6-Tribromophenol
 Concen: 121.794 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

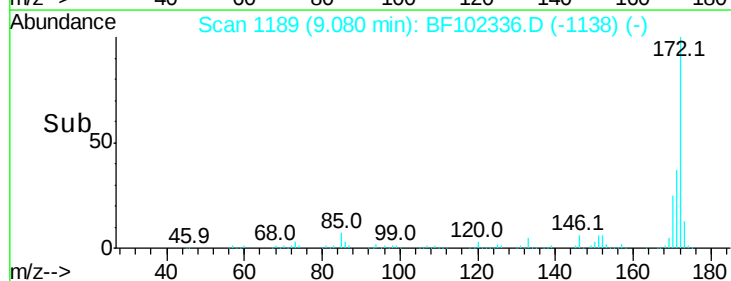
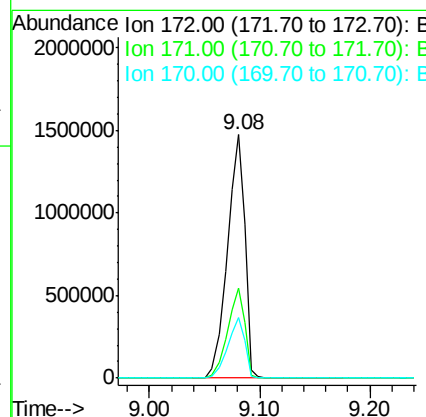
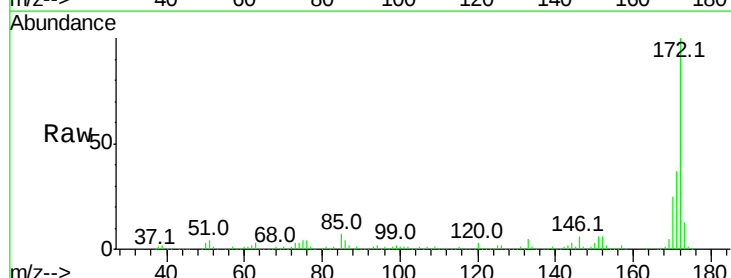
Instrument :
 BNA_F
 ClientSampleId :

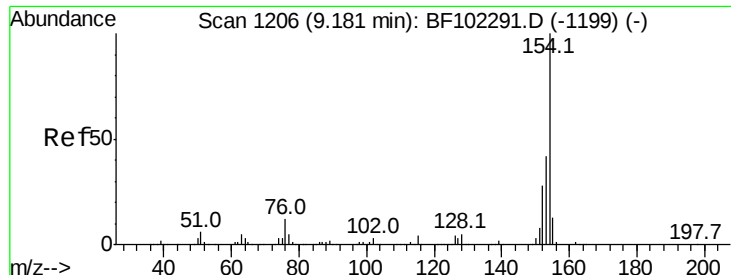
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	36.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 83.782 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 4.035 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

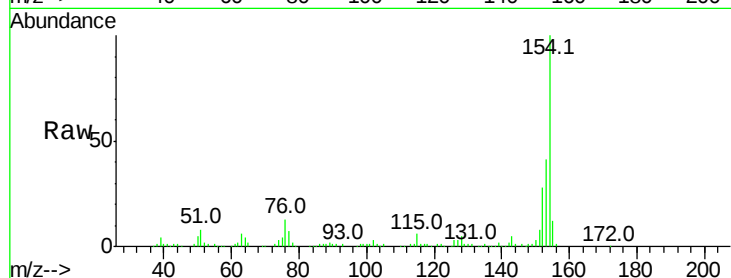
Tot Ion:154 Resp: 103300

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

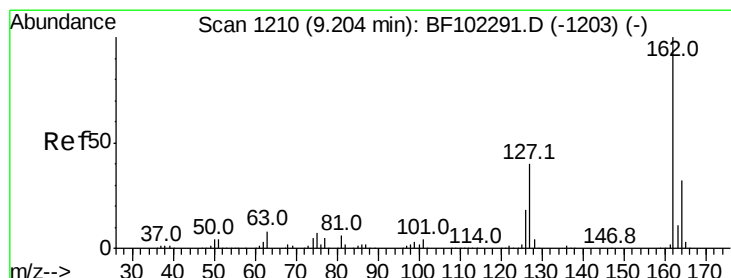
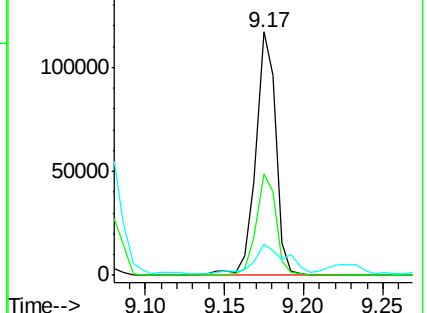
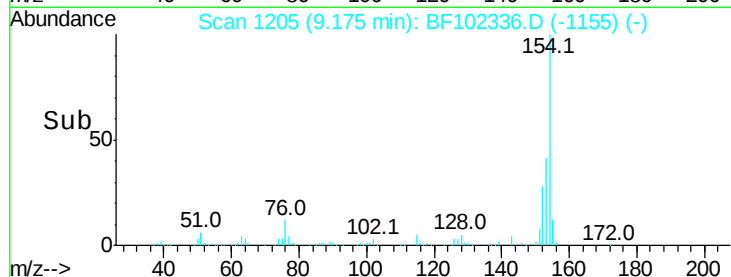
76 12.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 0.087 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.04 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

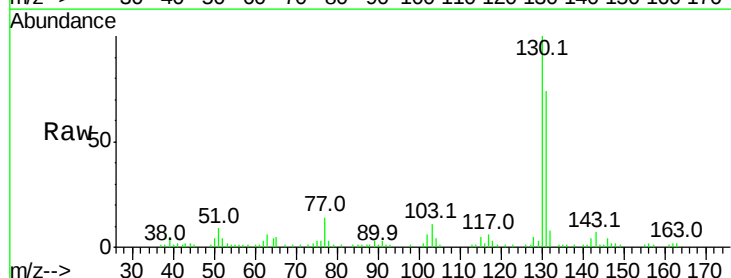
Tgt Ion:162 Resp: 1732

Ion Ratio Lower Upper

162 100

127 25.8 33.9 50.9#

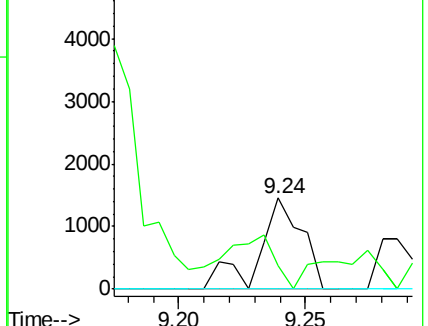
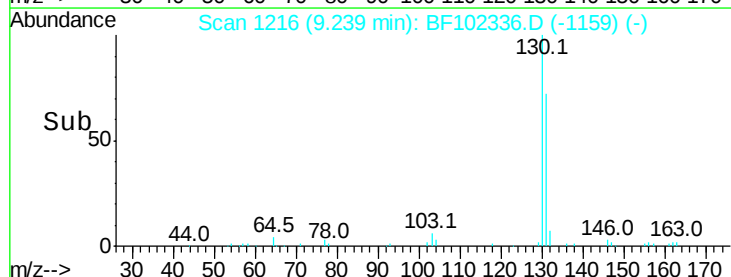
164 0.0 26.5 39.7#

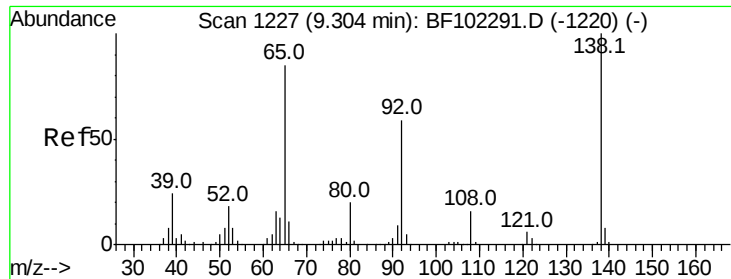


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

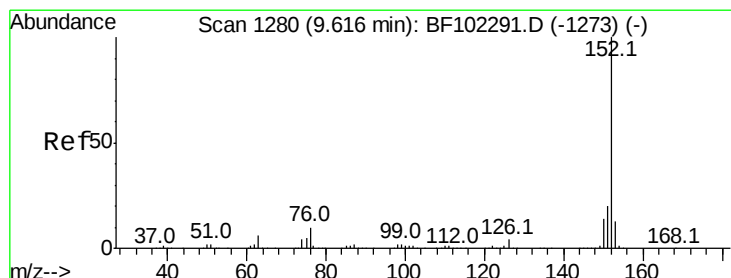
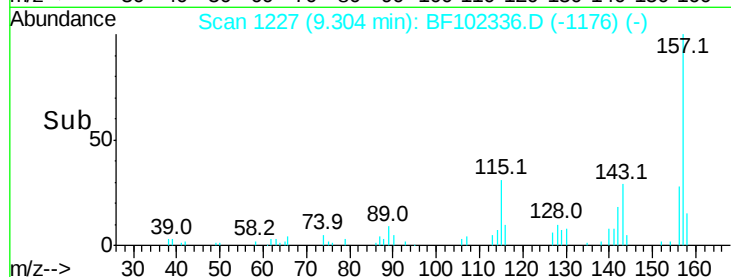
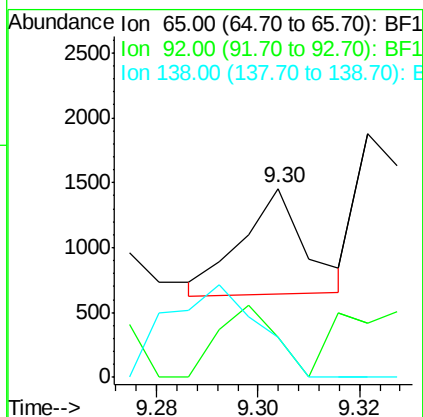
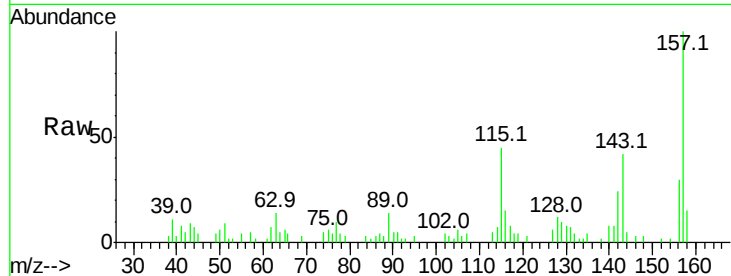




#47
2-Nitroaniline
Concen: 0.113 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

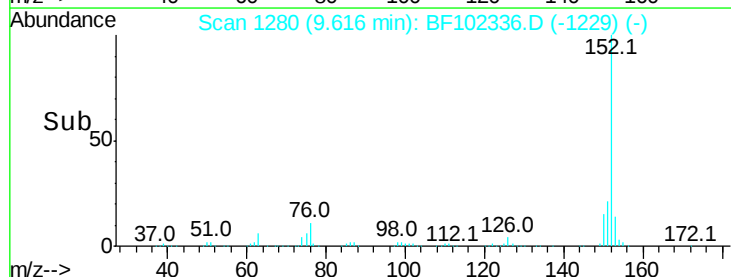
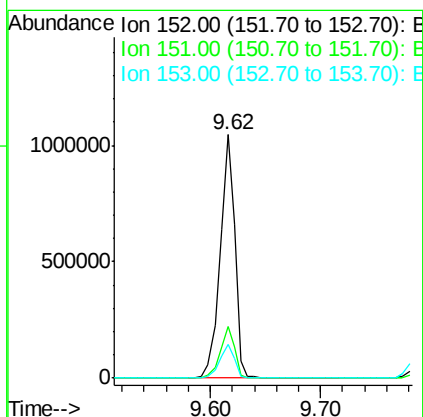
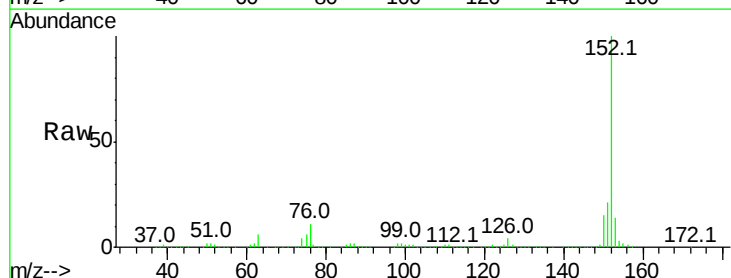
Instrument :
BNA_F
ClientSampled :

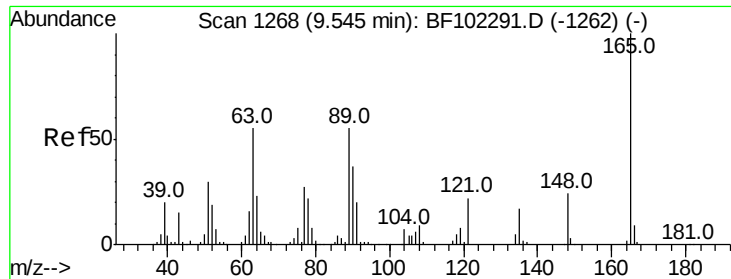
Tot Ion: 65 Resp: 699
Ion Ratio Lower Upper
65 100
92 21.0 55.8 83.6#
138 21.3 91.2 136.8#



#48
Acenaphthylene
Concen: 31.308 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion: 152 Resp: 970564
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.9 10.7 16.1

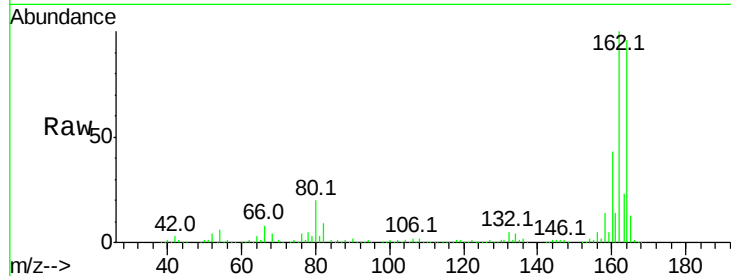




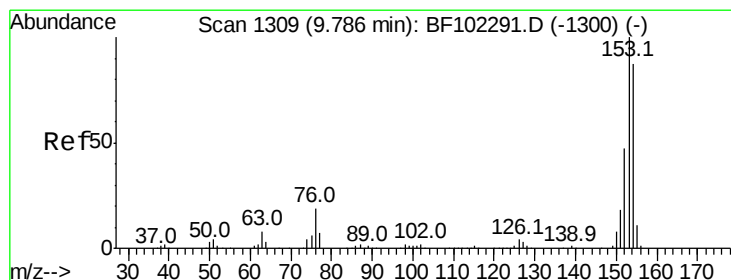
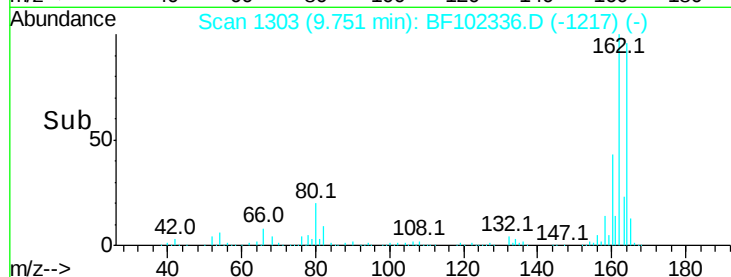
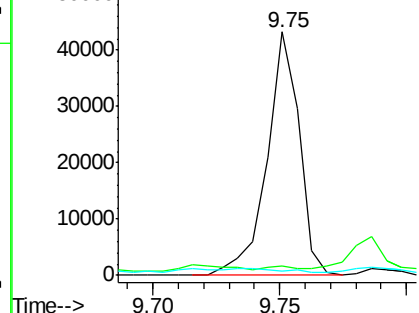
#50
2,6-Dinitrotoluene
Concen: 7.539 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 38464
Ion Ratio Lower Upper
165 100
63 3.8 44.7 67.1#
89 1.9 44.0 66.0#

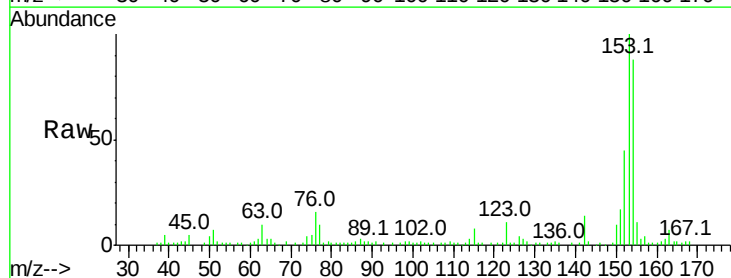


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

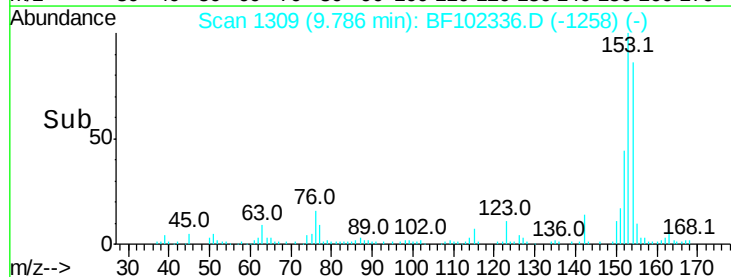
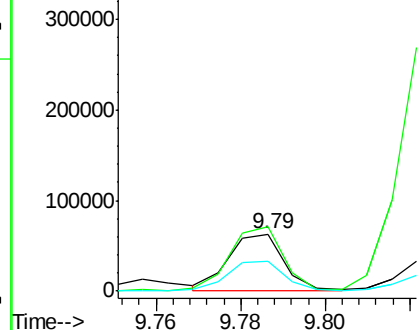


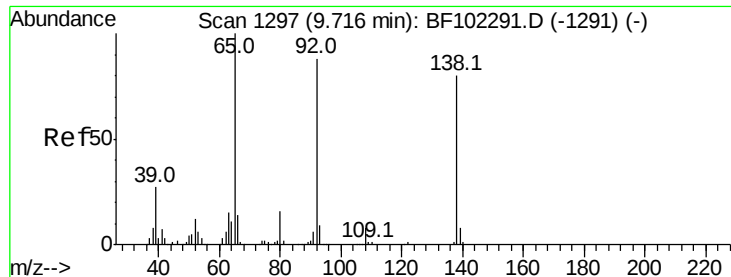
#51
Acenaphthene
Concen: 3.187 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:154 Resp: 57702
Ion Ratio Lower Upper
154 100
153 113.5 91.2 136.8
152 51.6 43.8 65.8



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

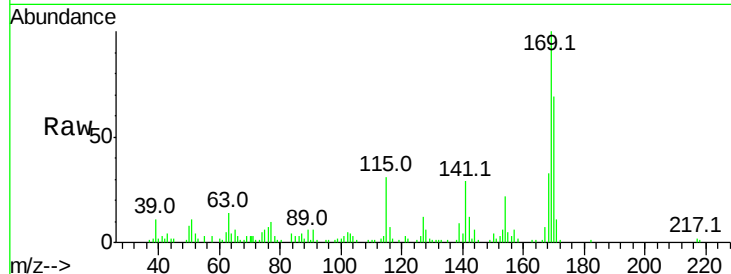




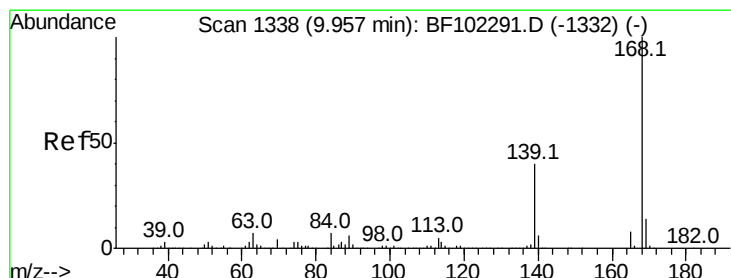
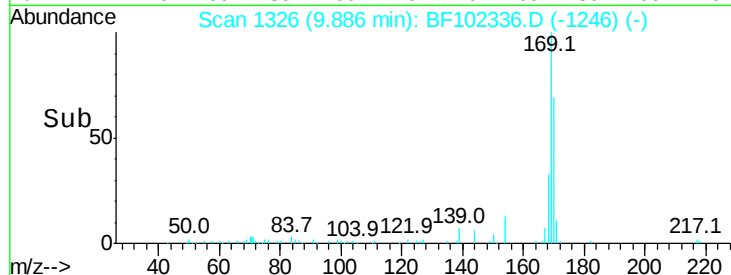
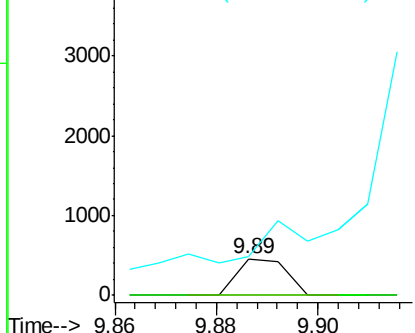
#52
3-Nitroaniline
Concen: 0.051 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.17 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 308
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 105.7 89.4 134.2

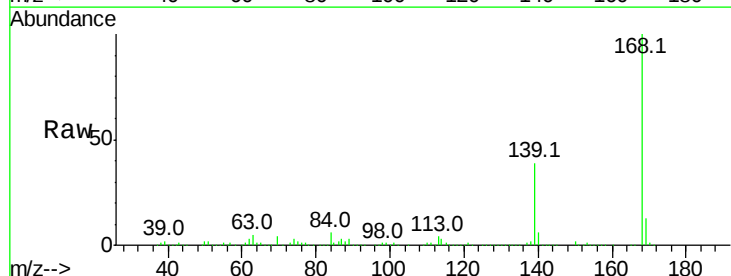


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

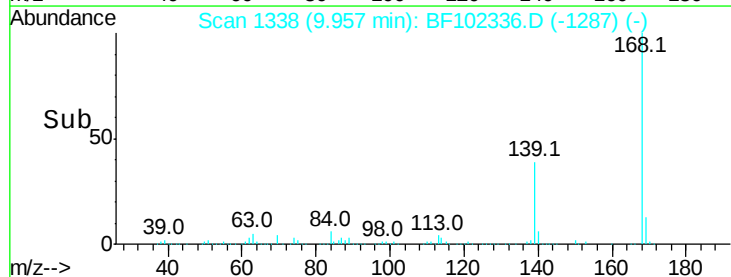
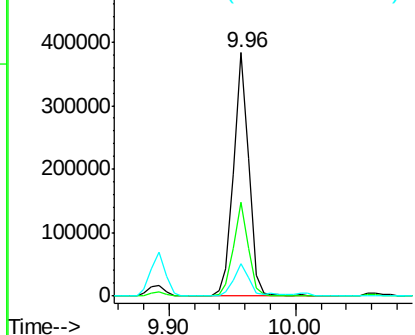


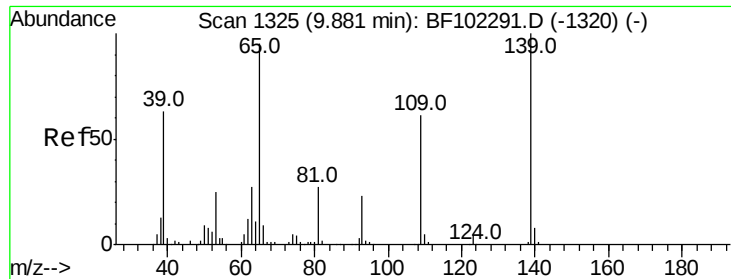
#54
Dibenzofuran
Concen: 12.881 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:168 Resp: 315613
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.2 10.9 16.3



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





#55

4-Nitrophenol

Concen: 1.304 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampled :

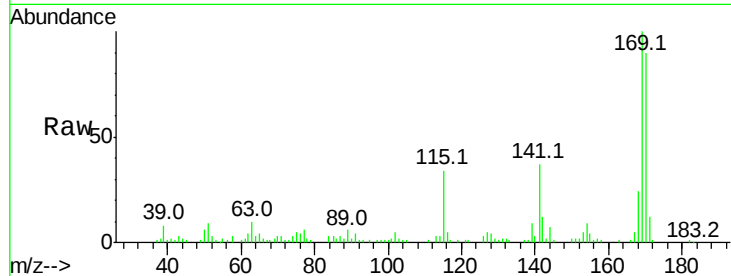
Tot Ion:139 Resp: 5194

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

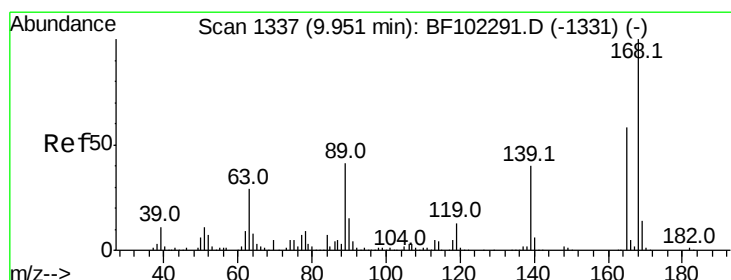
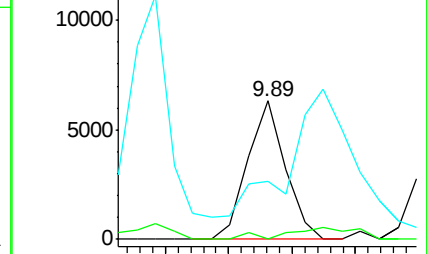
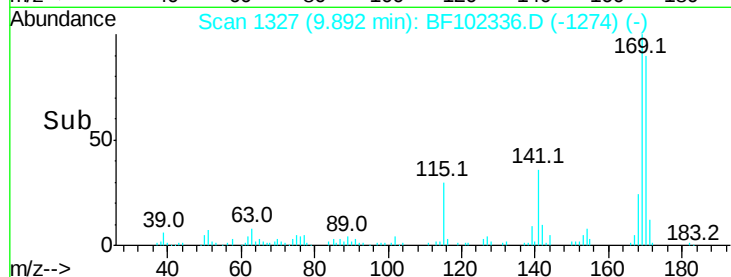
65 42.2 72.6 112.6#



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: 6.130 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Tgt Ion:165 Resp: 38464

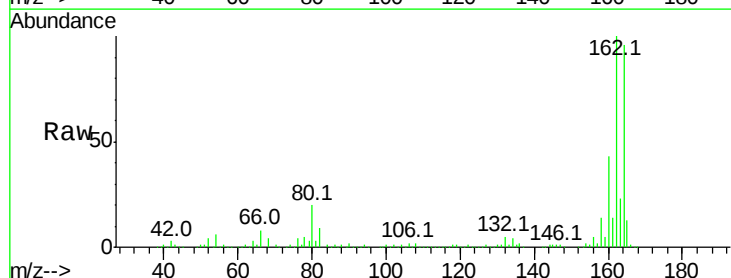
Ion Ratio Lower Upper

165 100

63 3.8 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

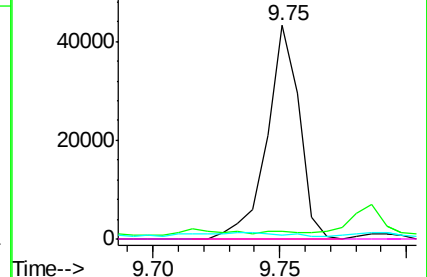
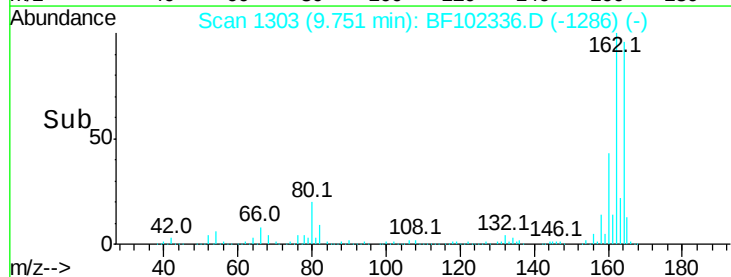


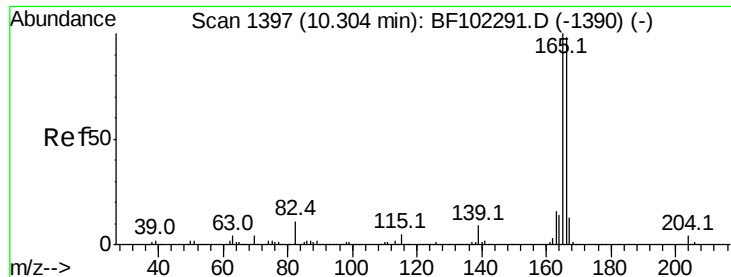
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 13.872 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

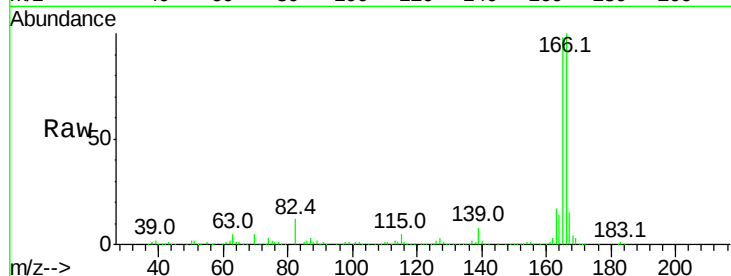
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 269341

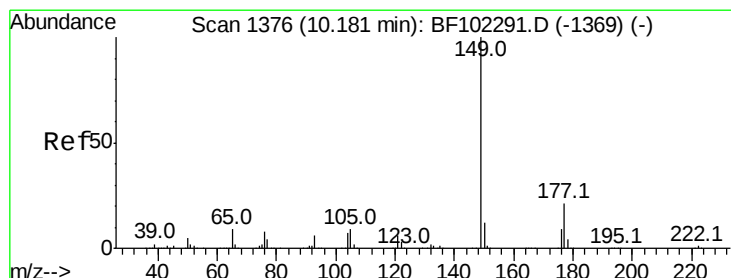
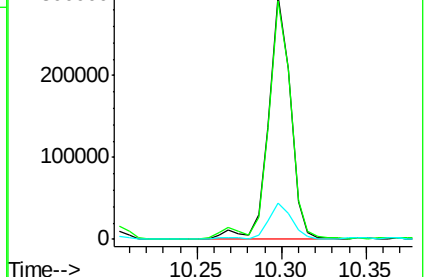
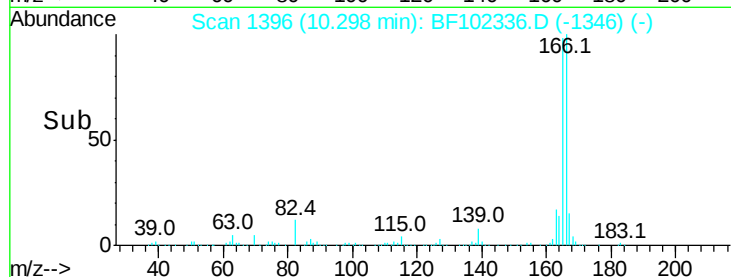
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	15.2	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.404 ng

RT: 10.17 min Scan# 1375

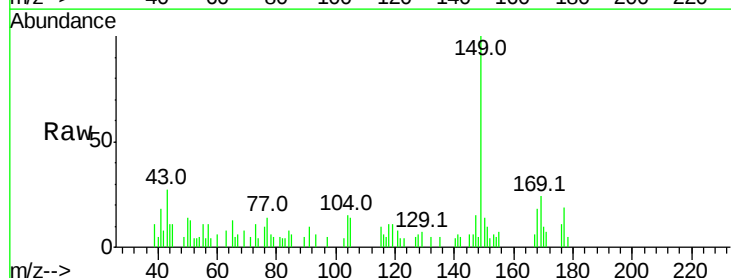
Delta R.T. -0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Tgt Ion:149 Resp: 9296

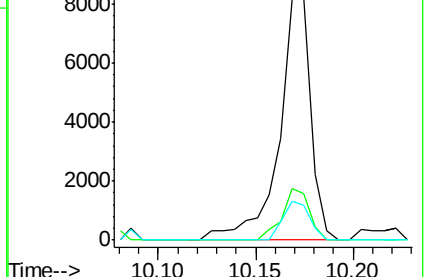
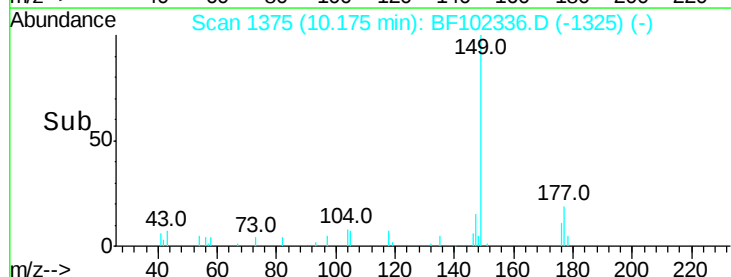
Ion	Ratio	Lower	Upper
149	100		
177	19.3	16.1	24.1
150	14.5	10.1	15.1

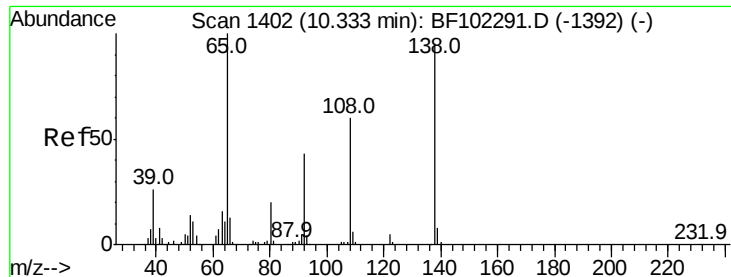


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Nitroaniline

Concen: 0.563 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.04 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

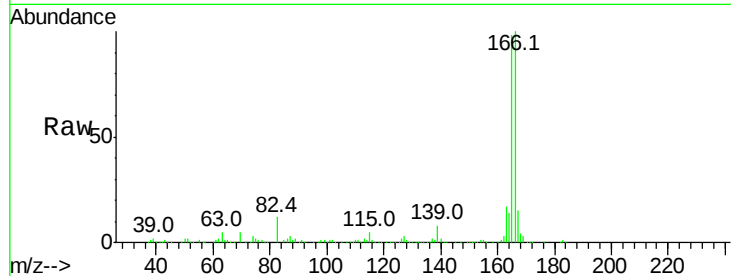
Tot Ion:138 Resp: 3390

Ion Ratio Lower Upper

138 100

92 14.9 30.2 70.2#

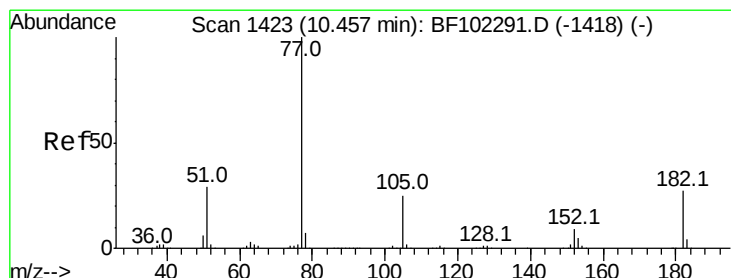
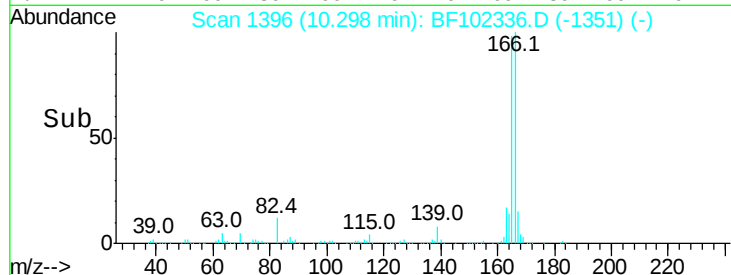
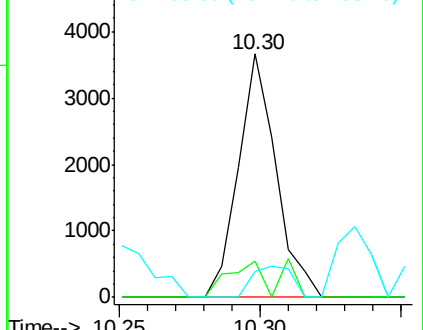
108 10.7 52.5 92.5#



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: 0.130 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.03 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Tgt Ion: 77 Resp: 2733

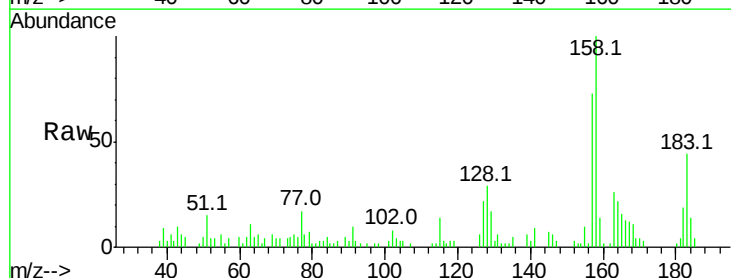
Ion Ratio Lower Upper

77 100

182 110.3 1.7 41.7#

105 20.1 3.0 43.0

51 84.8 9.9 49.9#

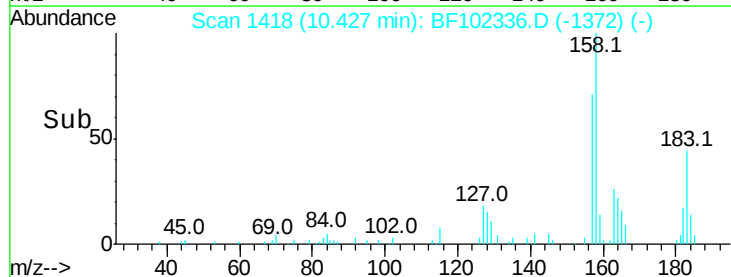
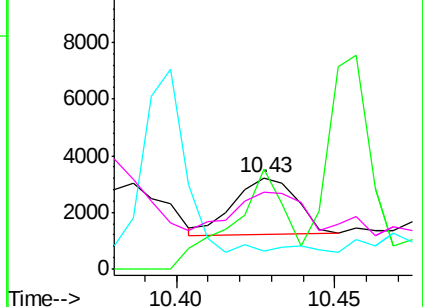


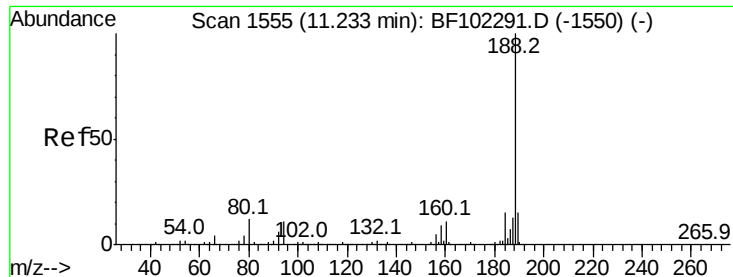
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

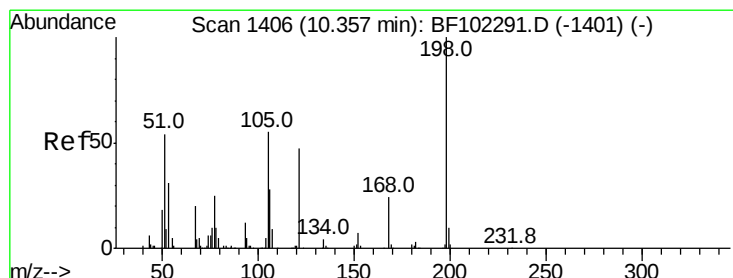
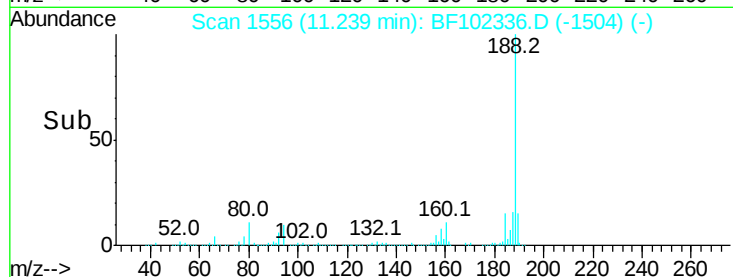
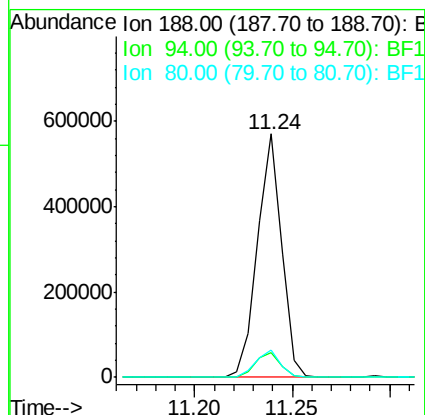
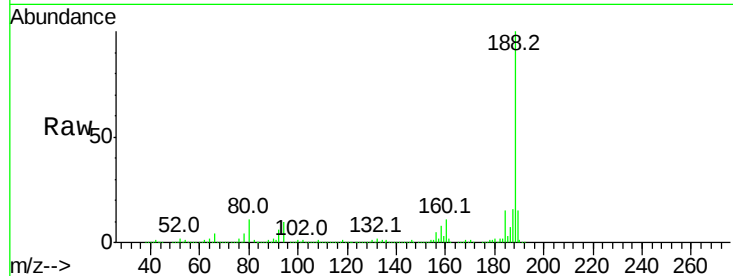




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

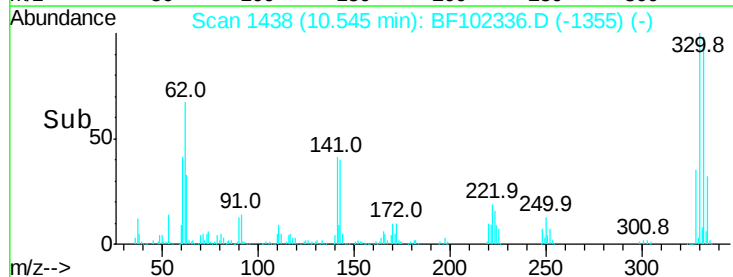
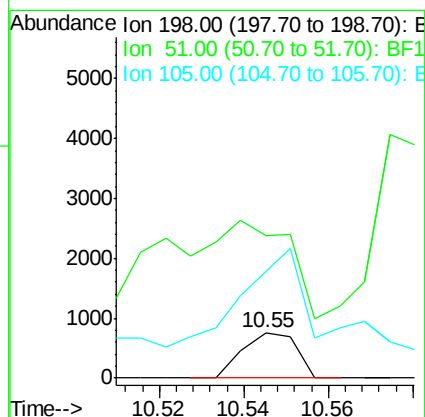
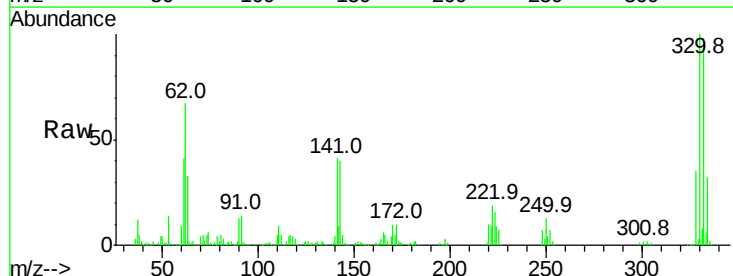
Instrument :
BNA_F
ClientSampleId :

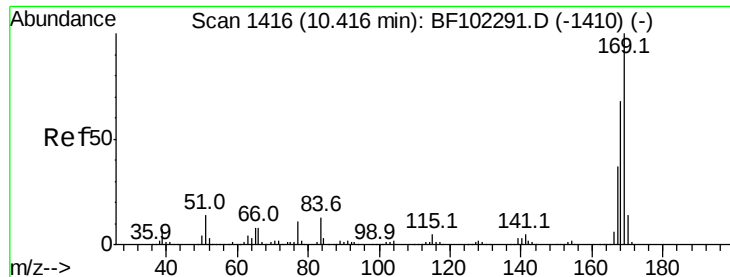
Tot Ion:188 Resp: 493552
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 0.205 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:198 Resp: 675
Ion Ratio Lower Upper
198 100
51 314.5 37.7 77.7#
105 236.3 36.3 76.3#

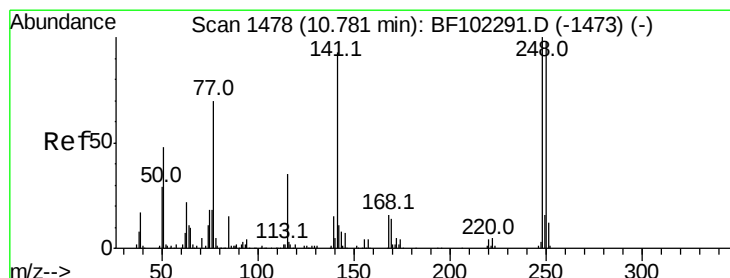
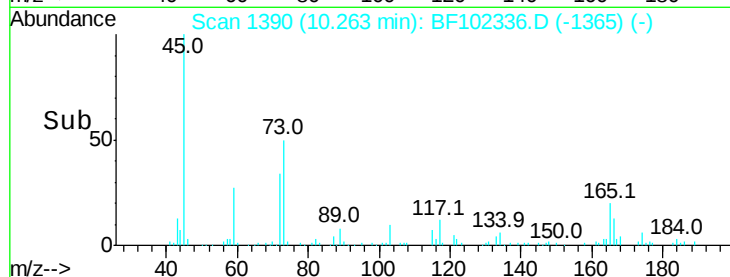
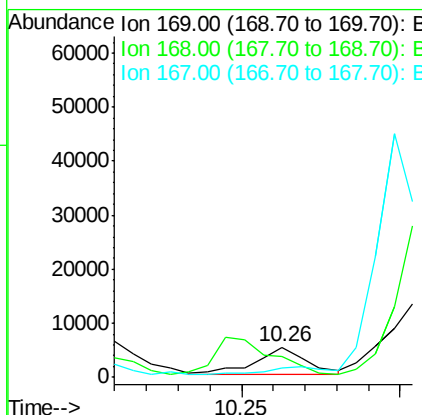
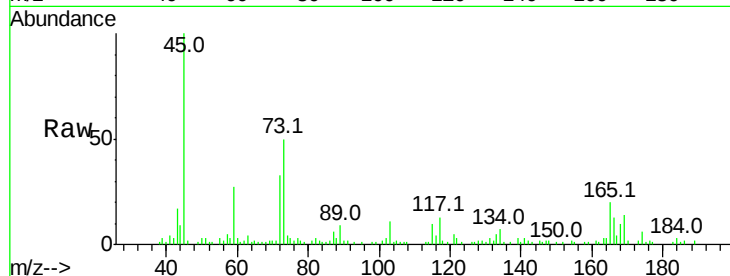




#65
 n-Nitrosodiphenylamine
 Concen: 0.315 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.15 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

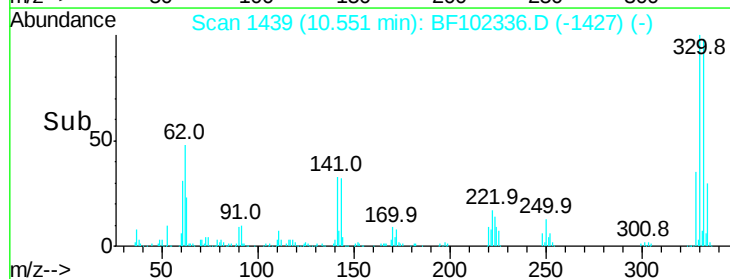
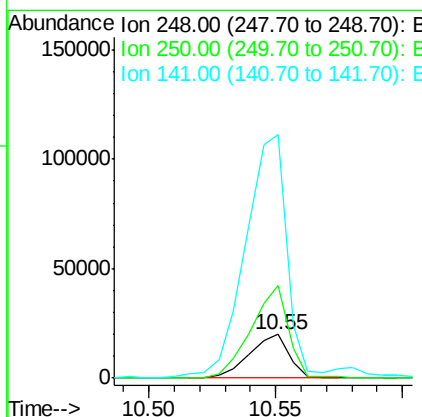
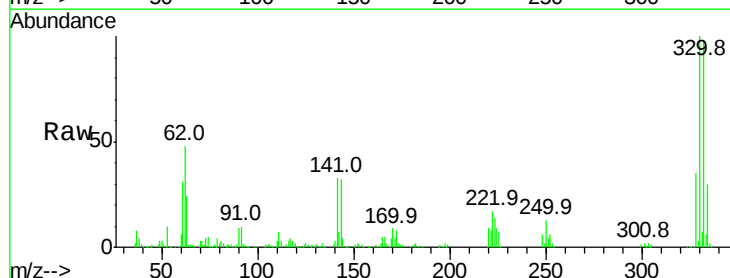
Instrument :
 BNA_F
 ClientSampleId :

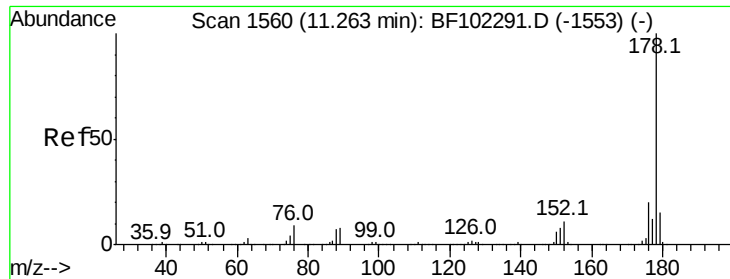
Tot Ion:169 Resp: 5707
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.4 81.6
 167 30.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.084 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.23 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion:248 Resp: 21698
 Ion Ratio Lower Upper
 248 100
 250 214.0 76.9 115.3#
 141 559.3 74.4 111.6#

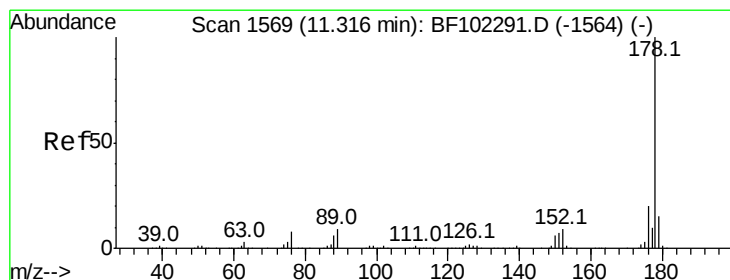
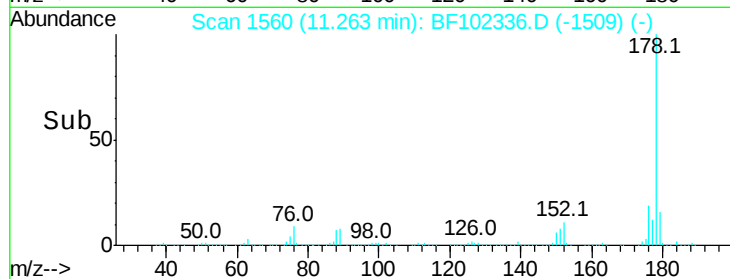
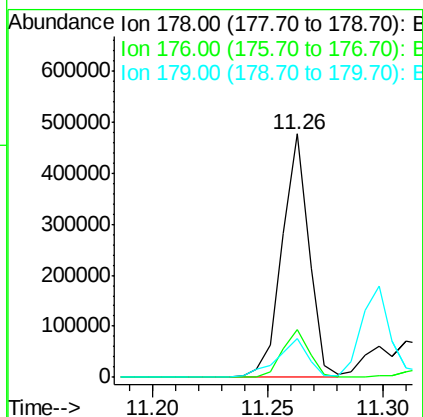
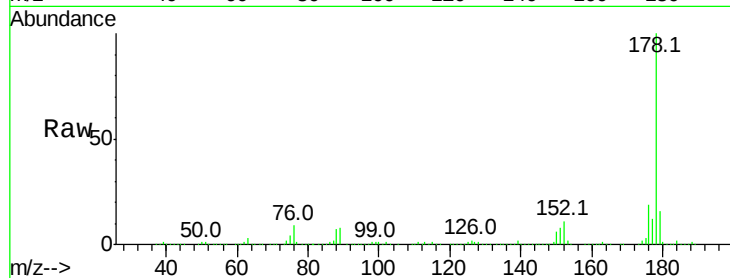




#70
Phenanthrene
Concen: 13.324 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

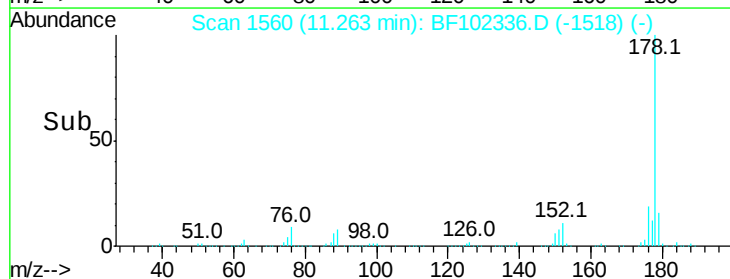
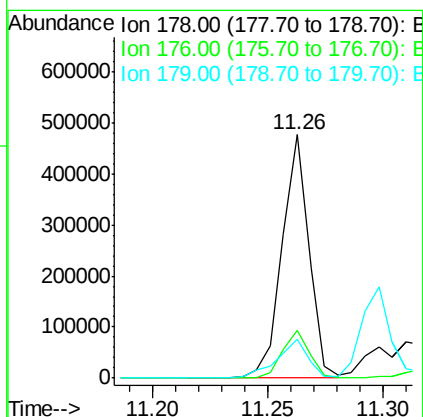
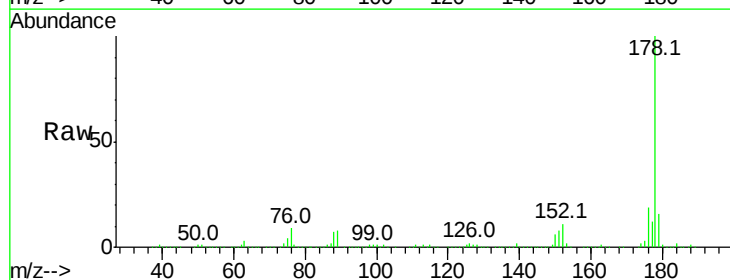
Instrument :
BNA_F
ClientSampleId :

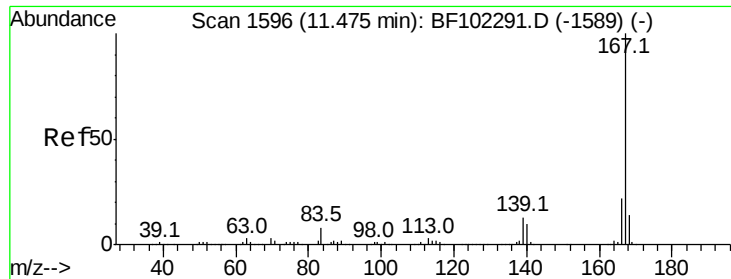
Tot Ion:178 Resp: 383201
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.9 13.0 19.6



#71
Anthracene
Concen: 13.054 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.05 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:178 Resp: 383201
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.6 19.0





#72

Carbazole

Concen: 37.818 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

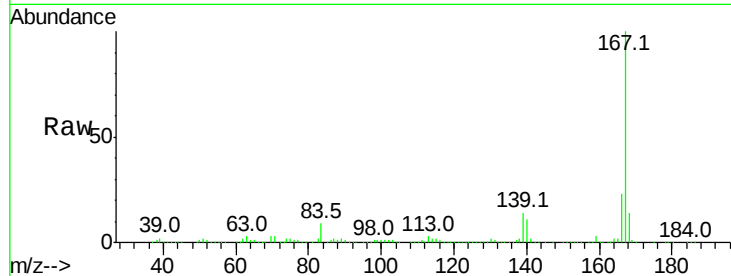
Tot Ion:167 Resp: 1083042

Ion Ratio Lower Upper

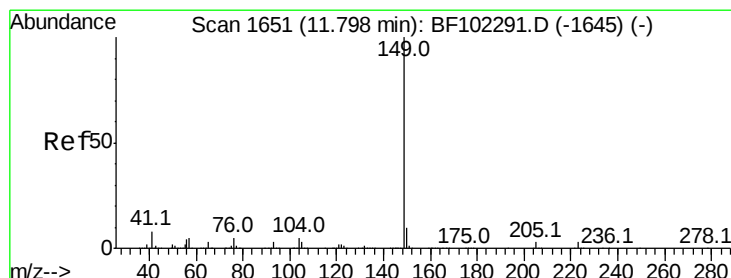
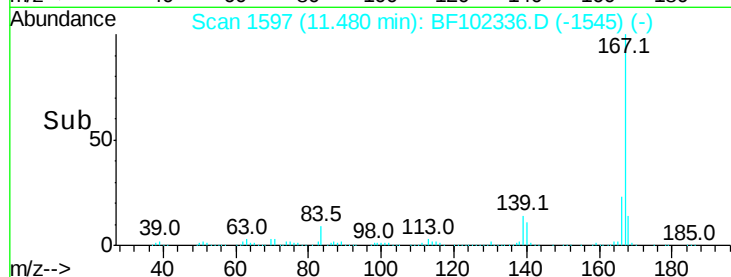
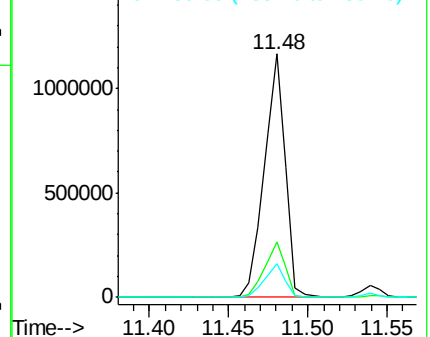
167 100

166 22.6 17.6 26.4

139 13.8 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: 0.268 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

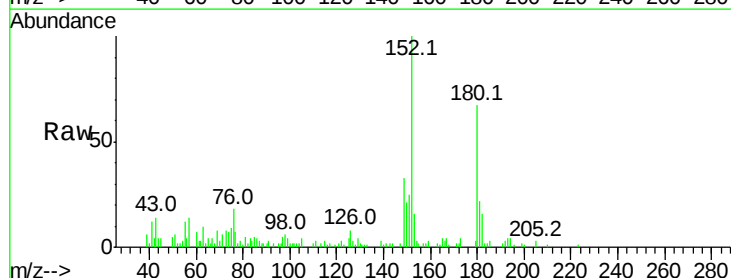
Tgt Ion:149 Resp: 9605

Ion Ratio Lower Upper

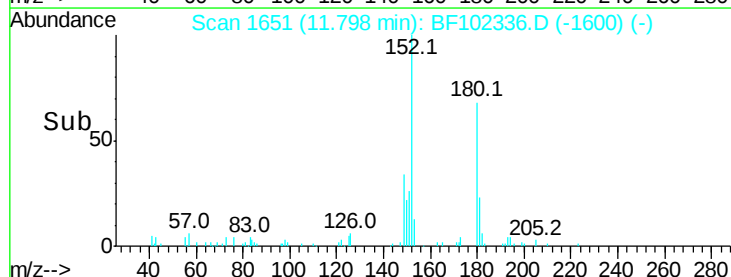
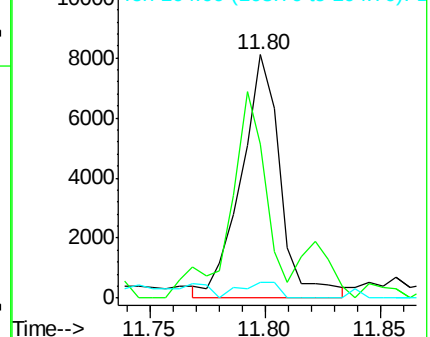
149 100

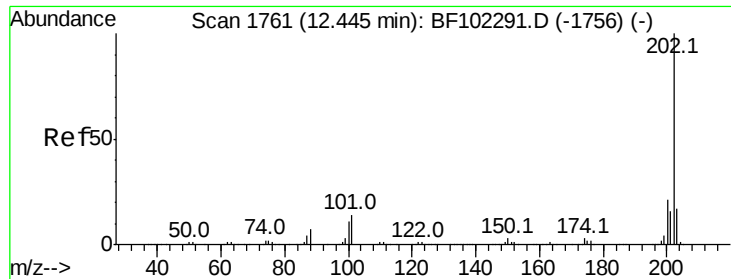
150 63.4 7.8 11.6#

104 6.4 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

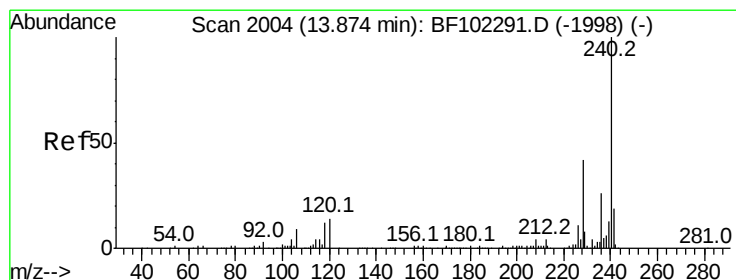
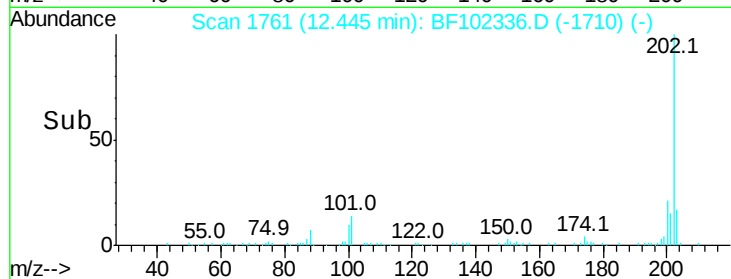
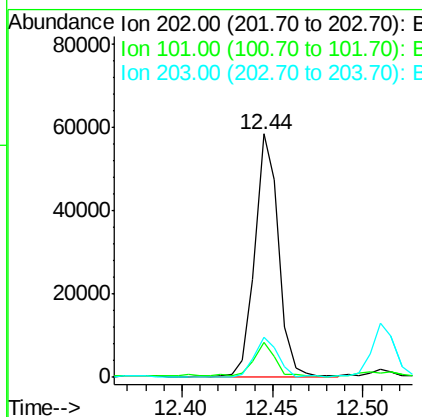
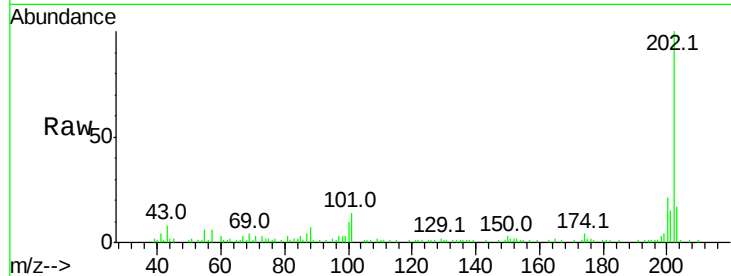




#74
 Fluoranthene
 Concen: 1.829 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

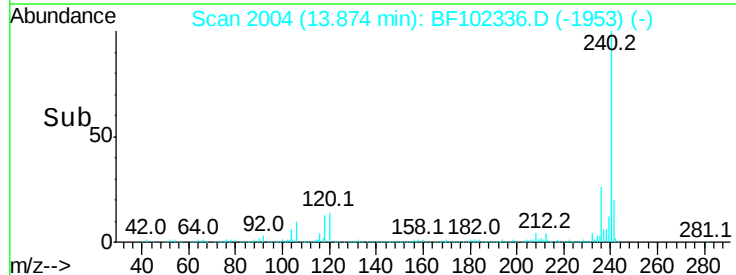
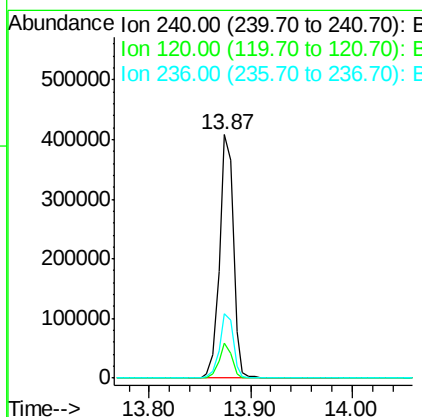
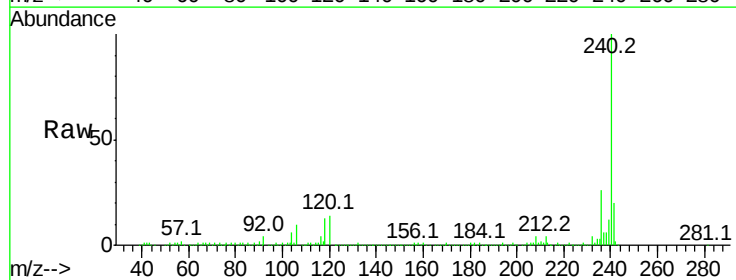
Instrument :
 BNA_F
 ClientSampleId :

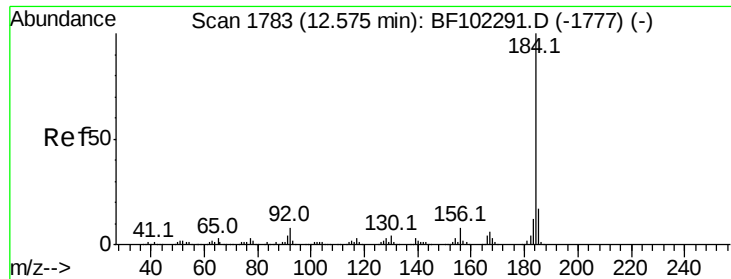
Tot Ion:202 Resp: 53630
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 34.1
 203 16.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF102336.D
 Acq: 23 Jan 2018 10:55

Tgt Ion:240 Resp: 389183
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3
 236 26.2 20.7 31.1





#76

Benzidine

Concen: 1.647 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.26 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

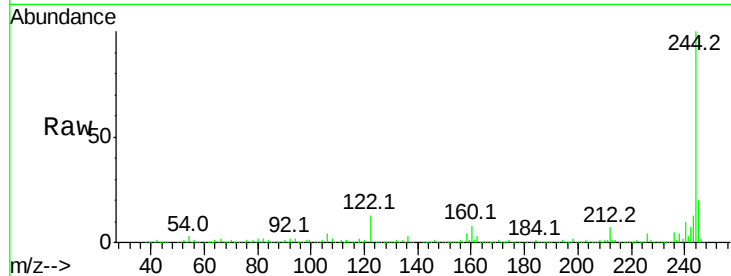
Tot Ion:184 Resp: 21536

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

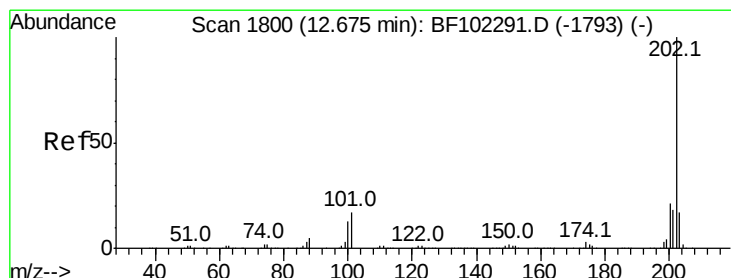
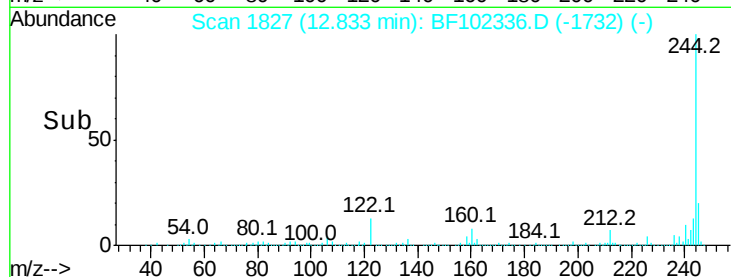
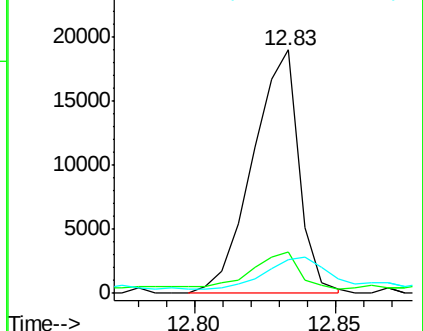
183 13.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.260 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

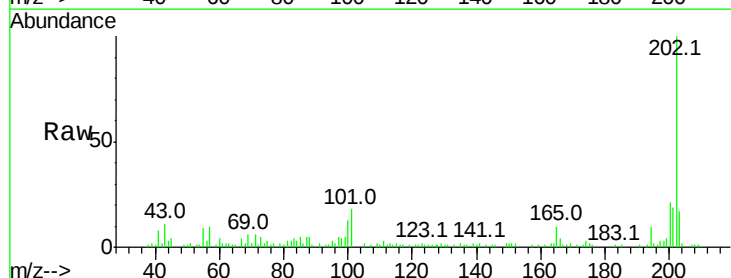
Tgt Ion:202 Resp: 37915

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

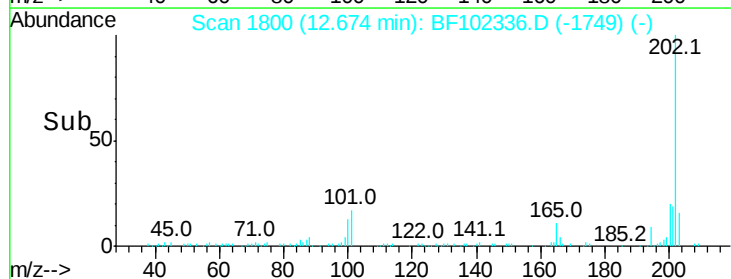
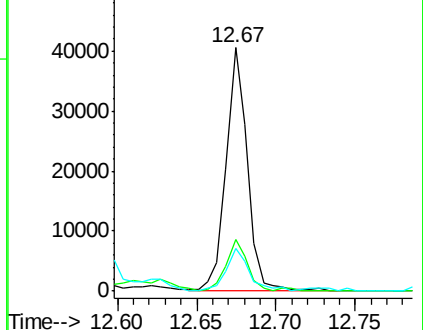
203 17.4 14.3 21.5

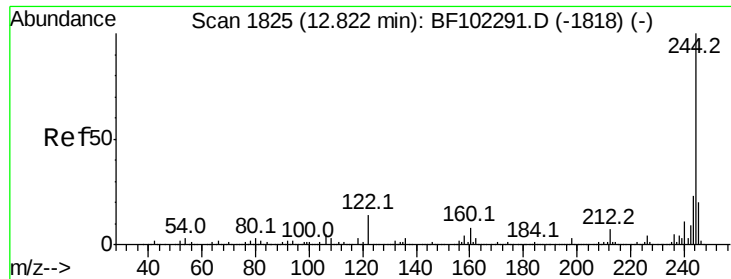


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.696 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

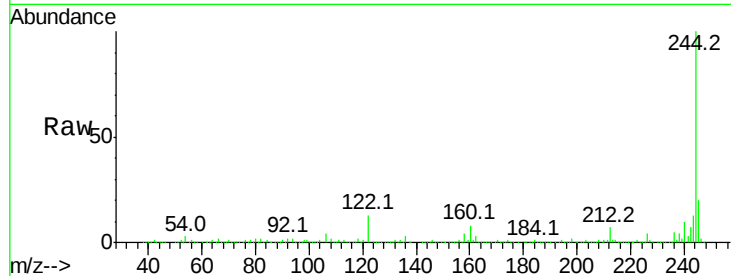
Tot Ion:244 Resp: 1565730

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

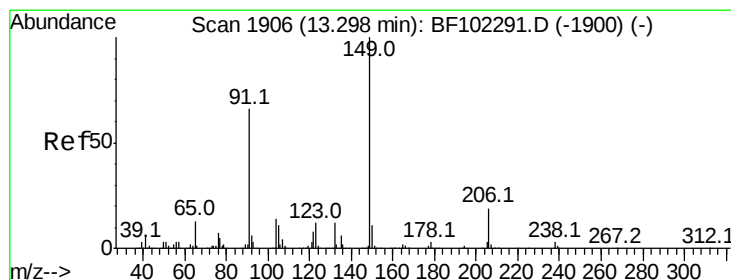
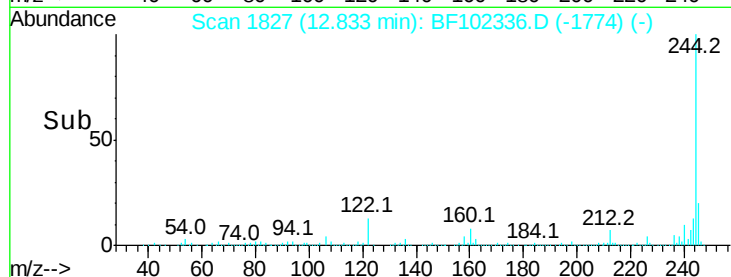
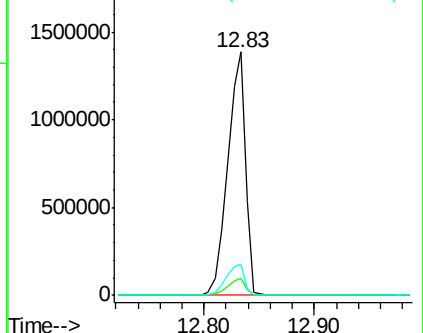
122 12.8 11.0 16.4



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: 0.245 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

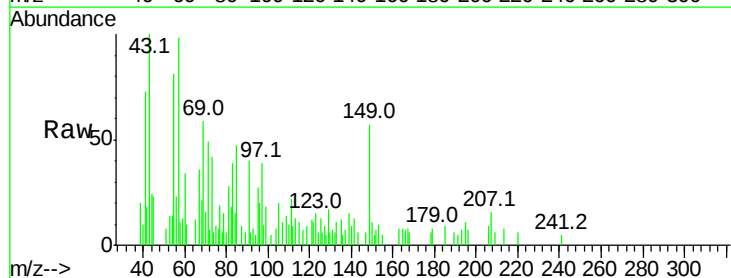
Tgt Ion:149 Resp: 3673

Ion Ratio Lower Upper

149 100

91 70.7 56.8 85.2

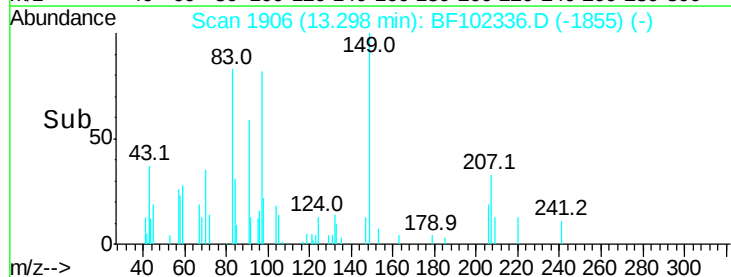
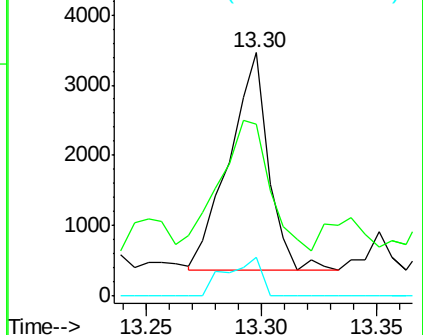
206 16.0 14.1 21.1

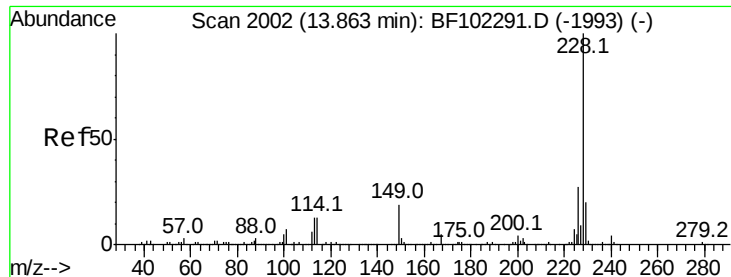


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

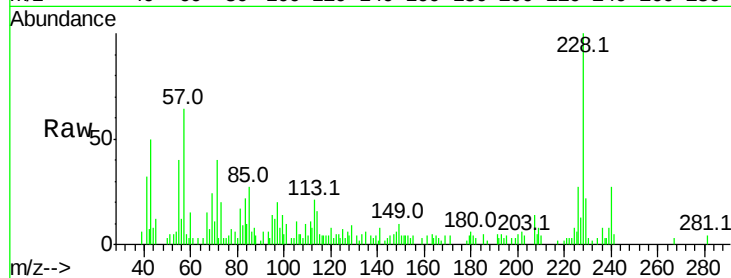




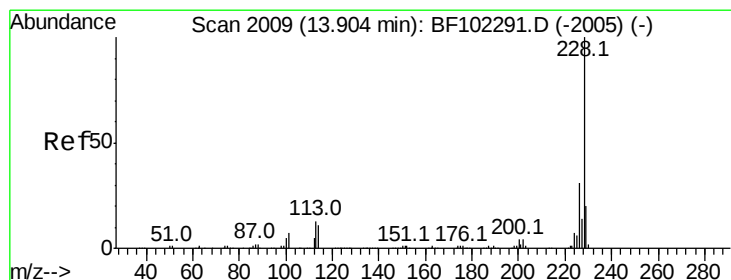
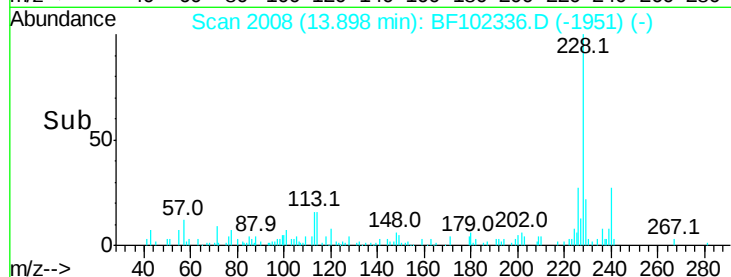
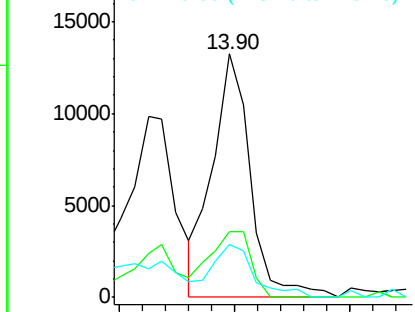
#80
Benzo(a)anthracene
Concen: 0.630 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 15100
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 21.8 15.8 23.6

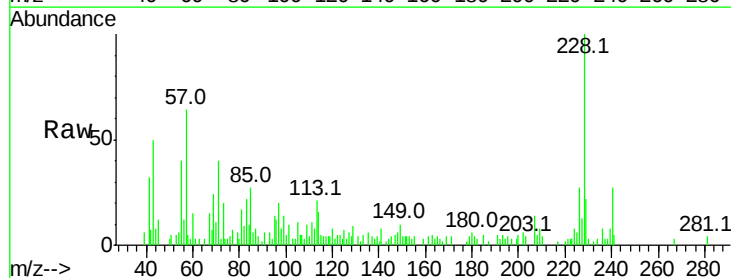


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

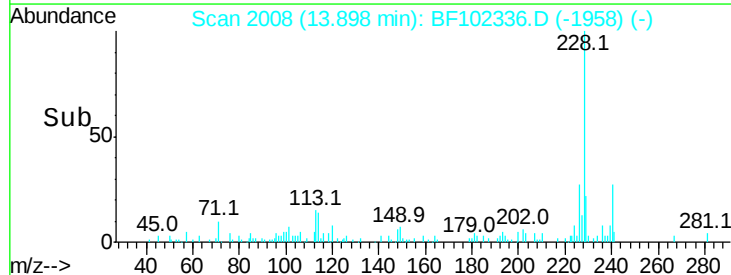
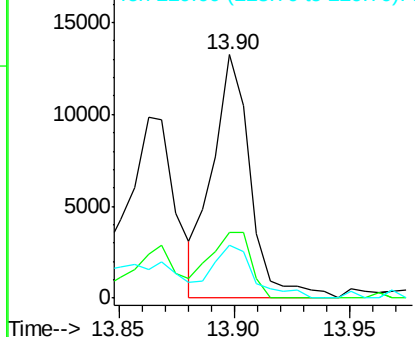


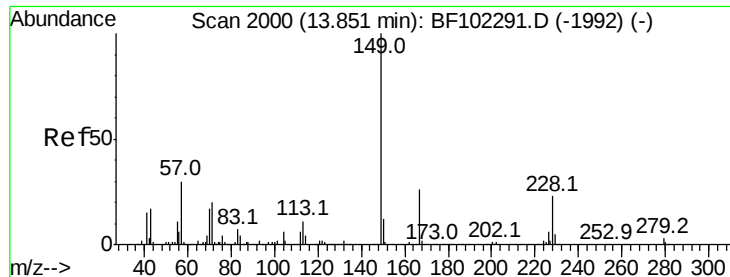
#82
Chrysene
Concen: 0.621 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102336.D
Acq: 23 Jan 2018 10:55

Tgt Ion:228 Resp: 15100
Ion Ratio Lower Upper
228 100
226 27.1 25.0 37.6
229 21.8 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: 0.803 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

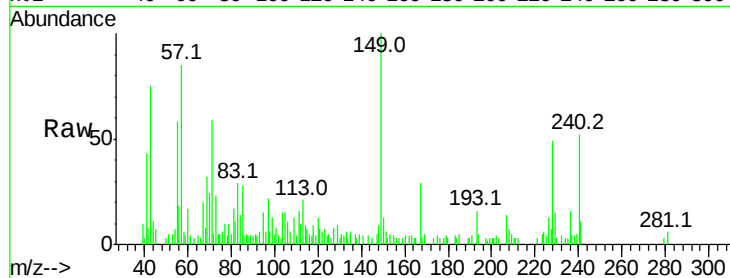
Tot Ion:149 Resp: 16156

Ion Ratio Lower Upper

149 100

167 29.4 21.3 31.9

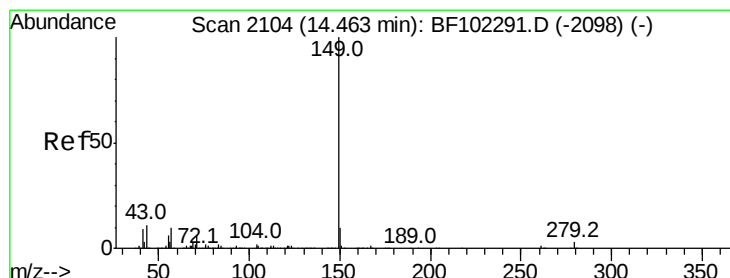
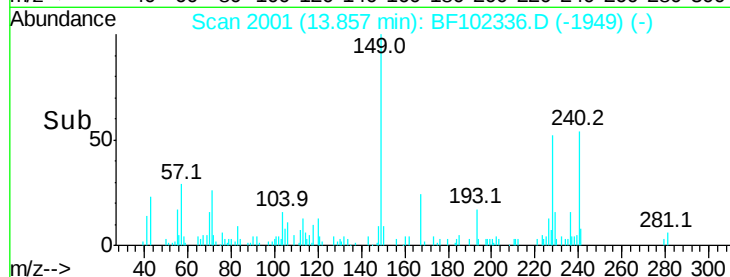
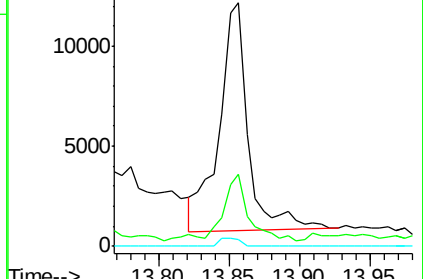
279 2.8 3.0 4.4#



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: 0.602 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

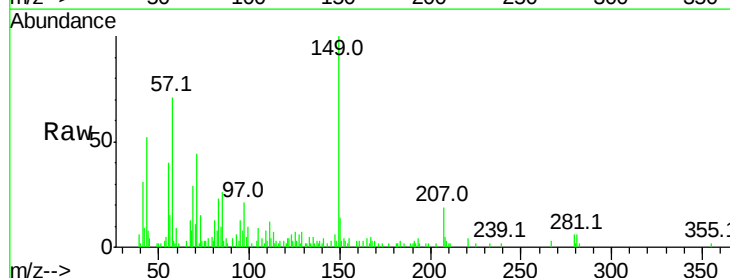
Tgt Ion:149 Resp: 19703

Ion Ratio Lower Upper

149 100

167 2.7 1.2 1.8#

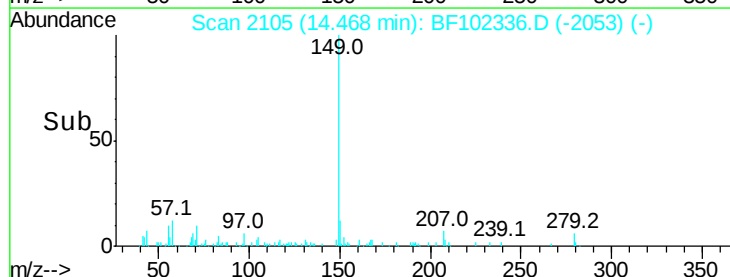
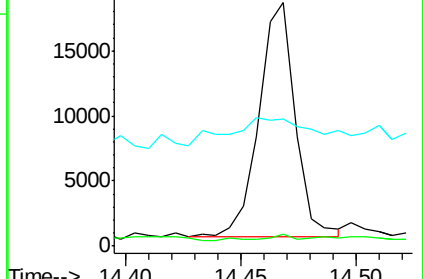
43 28.2 8.4 12.6#

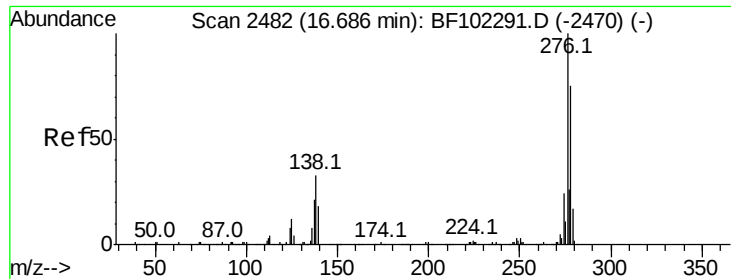


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.130 ng

RT: 16.69 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BF102336.D

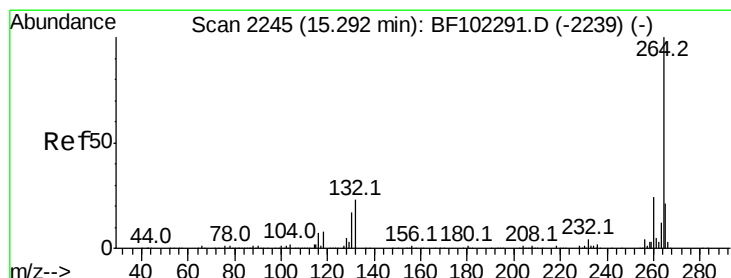
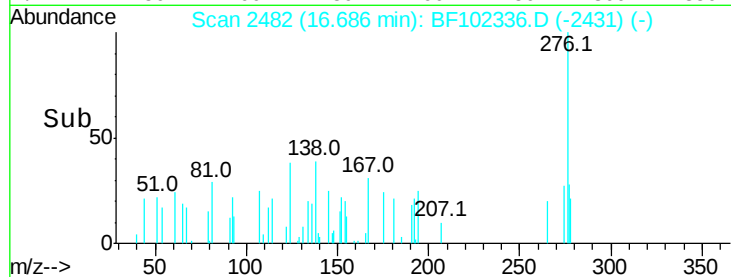
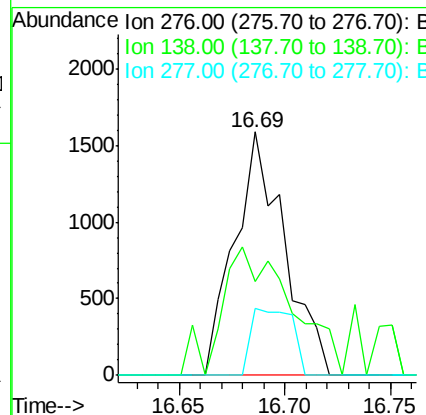
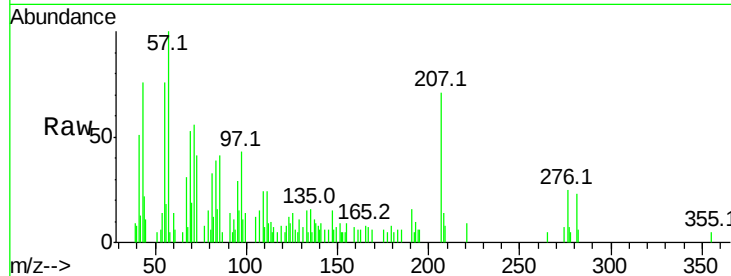
Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	276	Resp:	2615
Ion	Ratio	Lower	Upper
276	100		
138	74.6	25.0	37.6#
277	22.4	20.1	30.1



#86

Perylene-d12

Concen: 20.000 ng

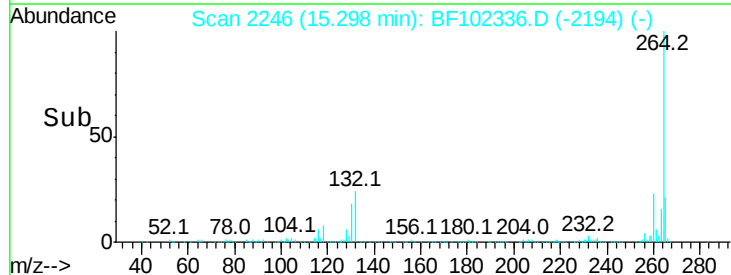
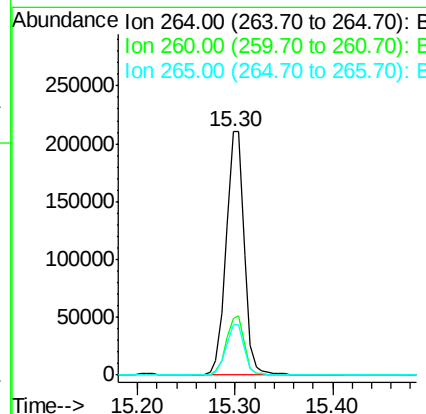
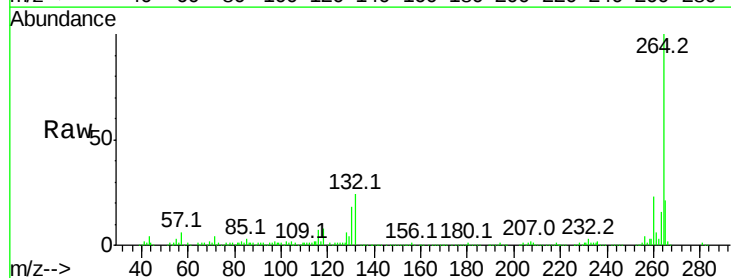
RT: 15.30 min Scan# 2246

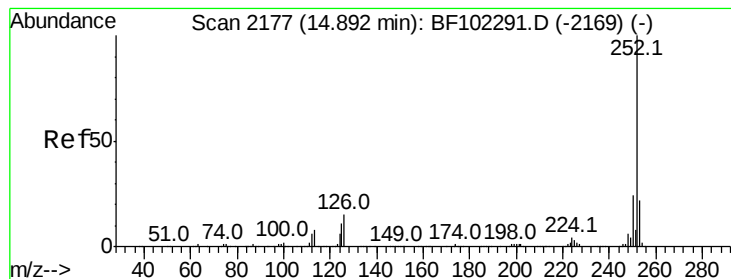
Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Tgt Ion:	264	Resp:	271341
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 1.018 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

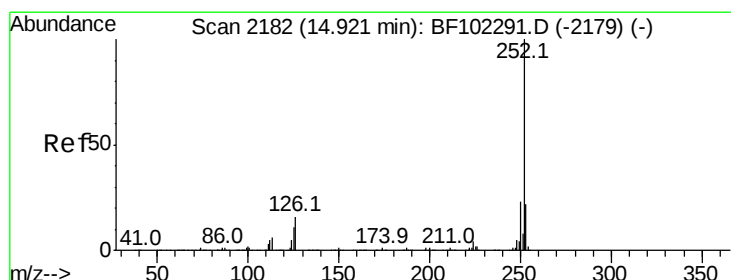
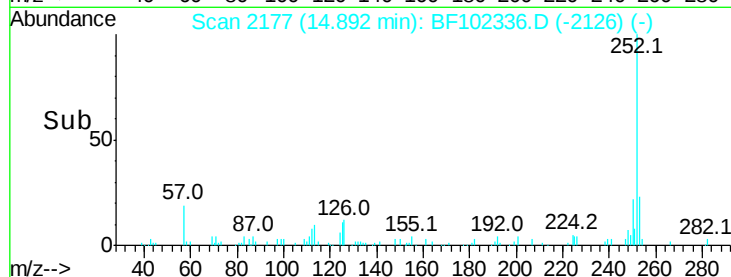
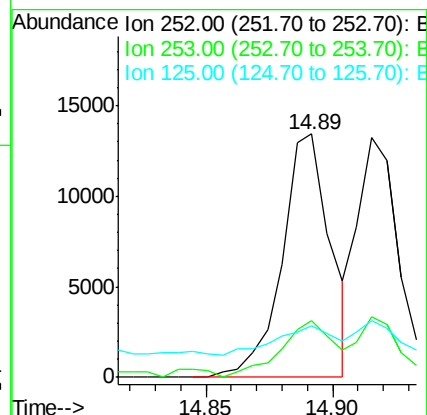
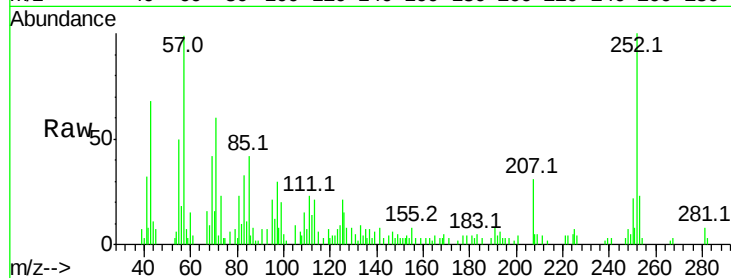
Tot Ion:252 Resp: 17909

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 21.0 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 0.921 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

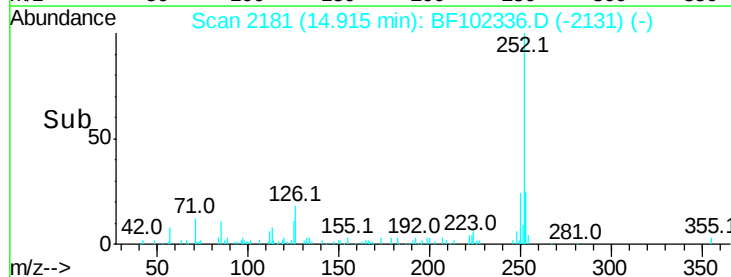
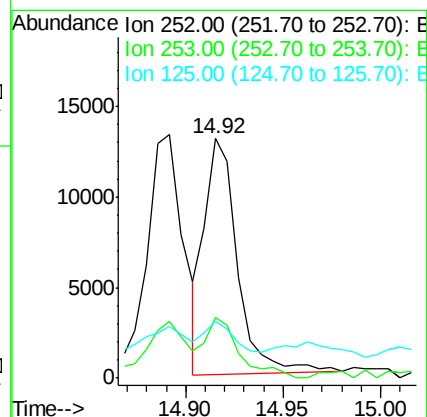
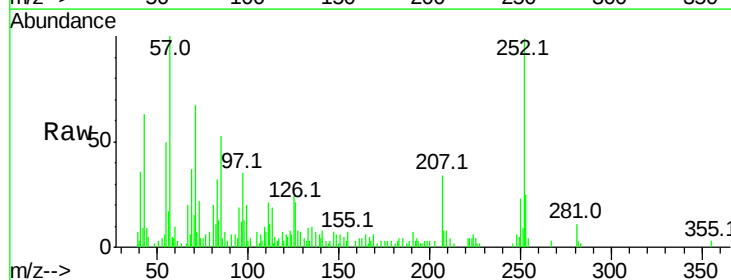
Tgt Ion:252 Resp: 15300

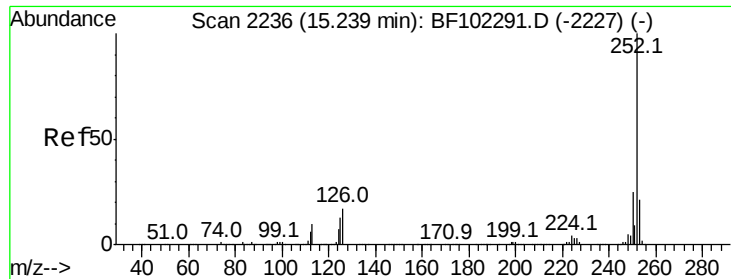
Ion Ratio Lower Upper

252 100

253 25.3 17.9 26.9

125 23.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.792 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

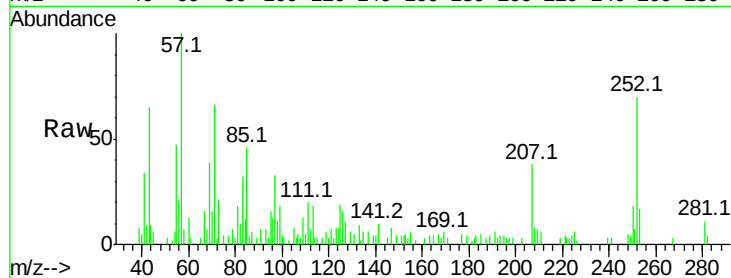
Tot Ion:252 Resp: 12562

Ion Ratio Lower Upper

252 100

253 24.6 17.1 25.7

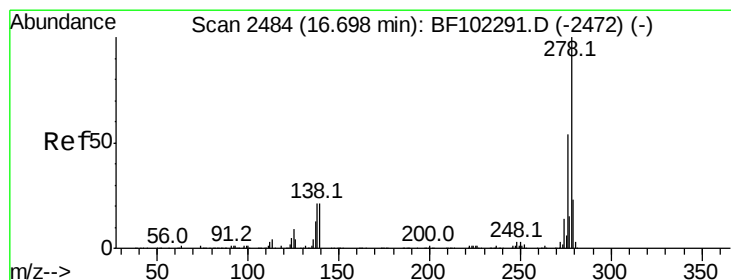
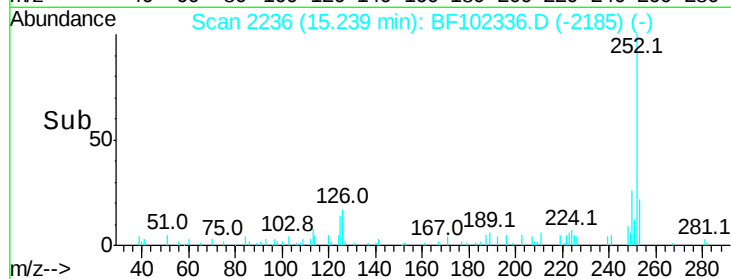
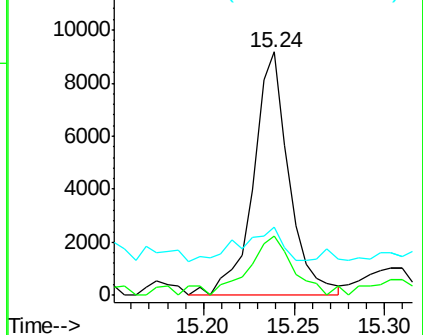
125 27.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.122 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

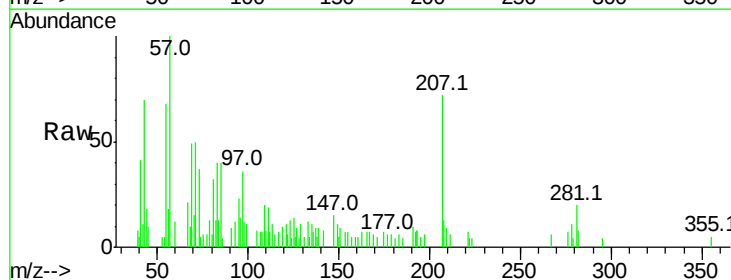
Tgt Ion:278 Resp: 1564

Ion Ratio Lower Upper

278 100

139 87.1 15.9 23.9#

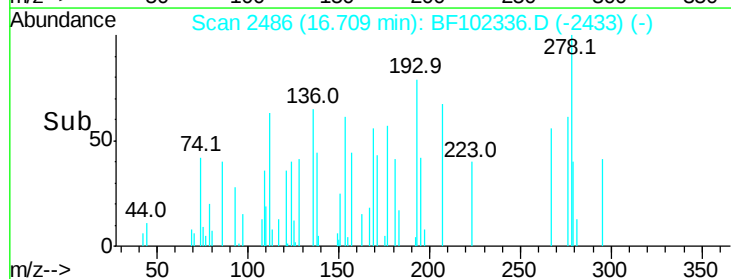
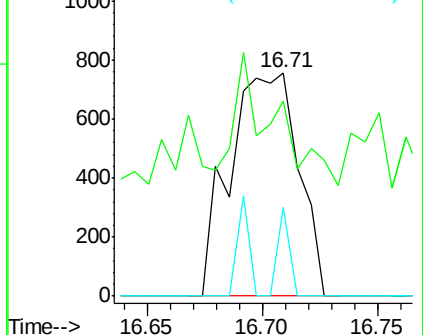
279 39.9 19.0 28.4#

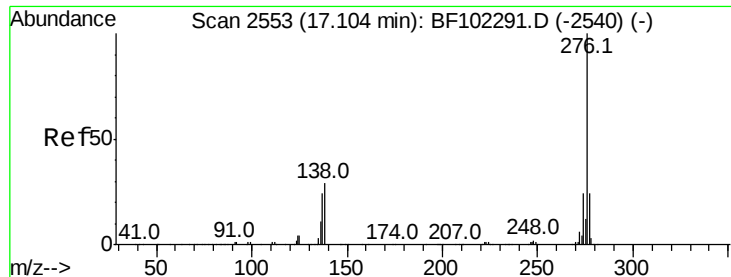


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.110 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BF102336.D

Acq: 23 Jan 2018 10:55

Instrument :

BNA_F

ClientSampleId :

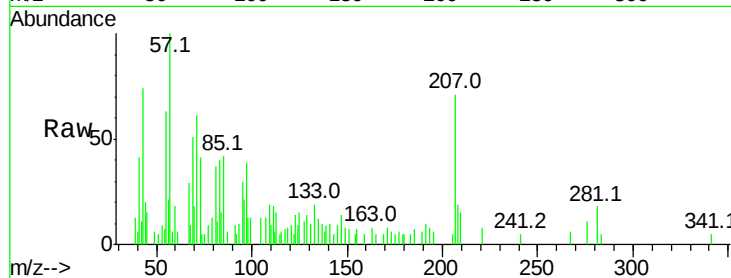
Tot Ion: 276 Resp: 1401

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 52.0 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

