

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102338.D
 Acq On : 23 Jan 2018 11:50
 Operator : SJ/JU
 Sample : J1239-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:17:17 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	131429	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	539245	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	244679	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	433672	20.00	ng	0.00
75) Chrysene-d12	13.87	240	371724	20.00	ng	0.00
86) Perylene-d12	15.30	264	280284	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	983828	113.50	ng	0.02
7) Phenol-d6	6.37	99	1036742	99.21	ng	0.02
23) Nitrobenzene-d5	7.29	82	808631	86.18	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	307208	126.71	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1420239	85.35	ng	0.00
78) Terphenyl-d14	12.83	244	1415257	85.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	147	0.036	ng	# 20
3) Pyridine	3.10	79	804	0.075	ng	# 1
4) n-Nitrosodimethylamine	3.02	42	505	0.120	ng	# 1
6) Aniline	6.39	93	35256	2.551	ng	# 1
8) 2-Chlorophenol	6.50	128	631	0.069	ng	# 1
9) Benzaldehyde	6.27	77	826	0.277	ng	# 1
10) Phenol	6.39	94	1546941	135.595	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	1501	0.173	ng	# 1
12) 1,3-Dichlorobenzene	6.87	146	116	0.011	ng	# 1
13) 1,4-Dichlorobenzene	6.87	146	116	0.011	ng	# 1
14) 1,2-Dichlorobenzene	6.87	146	116	0.012	ng	# 1
15) Benzyl Alcohol	6.87	79	14401	1.953	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	6.83	45	972	0.067	ng	70
17) 2-Methylphenol	6.99	107	629858	79.816	ng	99
18) Hexachloroethane	7.15	117	27521	7.296	ng	# 2
19) n-Nitroso-di-n-propylamine	7.29	70	104776	16.384	ng	# 81
20) 3+4-Methylphenols	7.15	107	1653003	178.105	ng	87
22) Acetophenone	7.14	105	45880	3.569	ng	# 1
24) Nitrobenzene	7.41	77	20236	2.107	ng	# 58
25) Isophorone	7.29	82	802914	47.996	ng	# 64
27) 2,4-Dimethylphenol	7.66	122	427822	58.296	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	23661	2.290	ng	# 1
31) Naphthalene	8.03	128	4023968	149.458	ng	98
32) Benzoic acid	7.80	122	576757	93.803	ng	# 13
33) 4-Chloroaniline	8.03	127	561891	49.629	ng	# 36
35) Caprolactam	8.71	113	9812	3.974	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	1383	0.176	ng	# 42
37) 2-Methylnaphthalene	8.71	142	435135	24.268	ng	98
45) 1,1'-Biphenyl	9.17	154	65380	2.988	ng	95
46) 2-Chloronaphthalene	9.25	162	6085	0.358	ng	# 48
47) 2-Nitroaniline	9.29	65	683	0.129	ng	# 39
48) Acenaphthylene	9.61	152	160973	6.076	ng	98
49) Dimethylphthalate	9.33	163	2357	0.117	ng	# 7
50) 2,6-Dinitrotoluene	9.45	165	1091	0.250	ng	# 46

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.78	154	24268	1.568	nq	97
52) 3-Nitroaniline	9.69	138	2535	0.491	nq #	8
53) 2,4-Dinitrophenol	9.90	184	272	3.828	nq #	1
54) Dibenzofuran	9.96	168	76774	3.666	nq	99
55) 4-Nitrophenol	10.06	139	1418	0.416	nq	92
56) 2,4-Dinitrotoluene	9.75	165	32181	6.002	nq #	27
57) Fluorene	10.30	166	129652	7.813	nq	99
59) Diethylphthalate	10.17	149	9535	0.485	nq	96
60) 4-Chlorophenyl-phenylether	10.32	204	400	0.056	nq #	1
61) 4-Nitroaniline	10.35	138	569	0.111	nq #	22
62) Azobenzene	10.46	77	3141	0.175	nq #	29
64) 4,6-Dinitro-2-methylphenol	10.55	198	583	0.202	nq #	1
65) n-Nitrosodiphenylamine	10.20	169	3325	0.209	nq	94
66) 4-Bromophenyl-phenylether	10.55	248	19406	4.157	nq #	1
68) Atrazine	10.96	200	117	0.025	nq #	1
69) Pentachlorophenol	11.06	266	505	0.184	nq #	85
70) Phenanthrene	11.26	178	273363	10.817	nq	98
71) Anthracene	11.26	178	273363	10.598	nq	99
72) Carbazole	11.47	167	520276	20.675	nq	99
73) Di-n-butylphthalate	11.80	149	5881	0.187	nq #	32
74) Fluoranthene	12.45	202	42707	1.657	nq	98
76) Benzidine	12.83	184	18739	1.501	nq	96
77) Pyrene	12.67	202	33106	1.152	nq	97
79) Butylbenzylphthalate	13.30	149	1241	0.087	nq #	1
80) Benzo(a)anthracene	13.90	228	10265	0.449	nq	94
81) 3,3'-Dichlorobenzidine	13.59	252	118	0.014	nq #	1
82) Chrysene	13.90	228	10265	0.442	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	5937	0.309	nq #	90
84) Di-n-octyl phthalate	14.46	149	8260	0.264	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.69	276	1646	0.086	nq #	59
87) Benzo(b)fluoranthene	14.89	252	9097	0.501	nq #	93
88) Benzo(k)fluoranthene	14.92	252	8634	0.503	nq #	91
89) Benzo(a)pyrene	15.24	252	6237	0.381	nq #	78
90) Dibenzo(a,h)anthracene	16.69	278	1030	0.078	nq #	36
91) Benzo(a,h,i)perylene	17.09	276	811	0.062	nq #	50

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

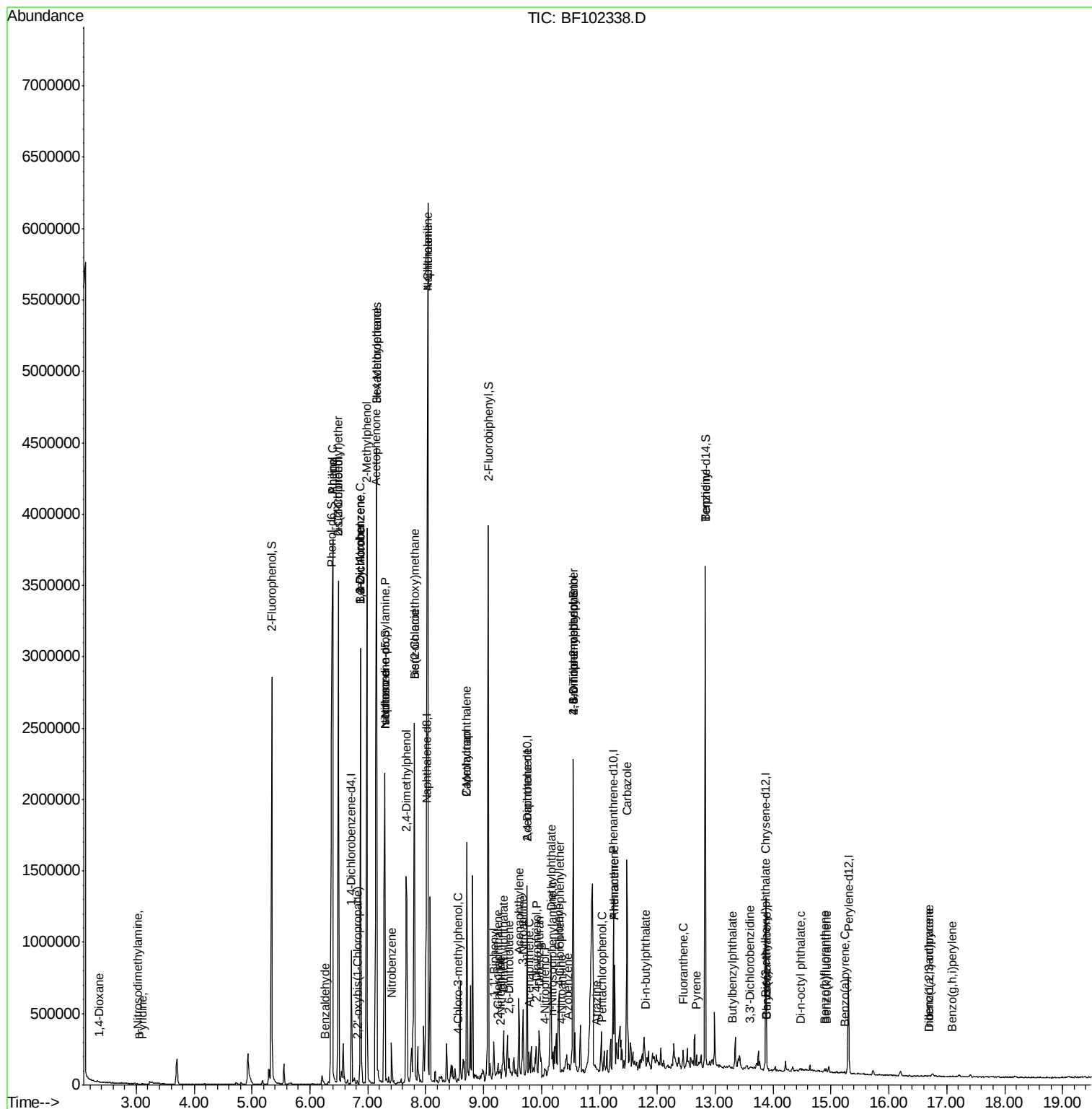
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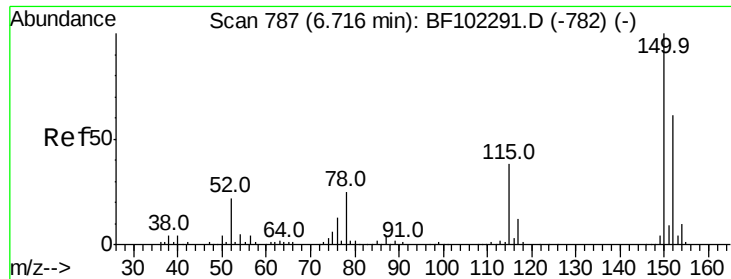
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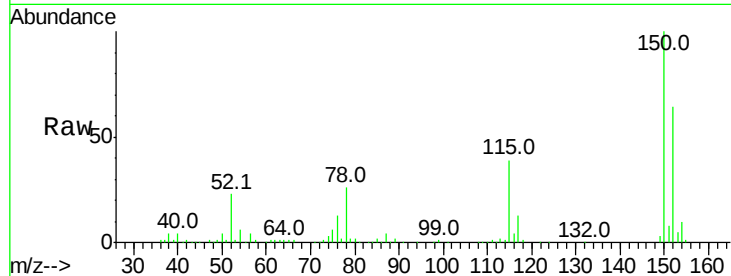


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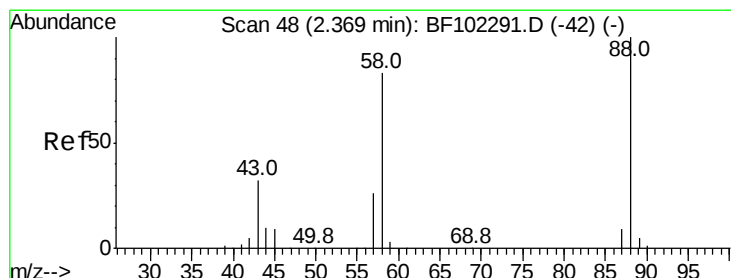
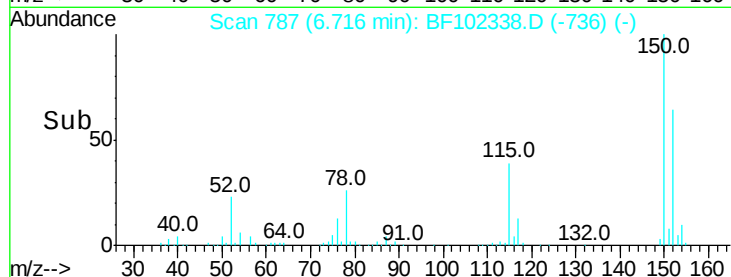
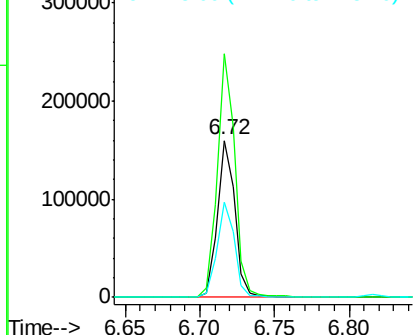
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131429
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.9 50.1 75.1



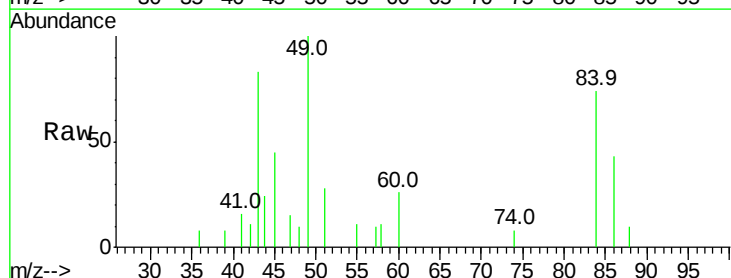
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



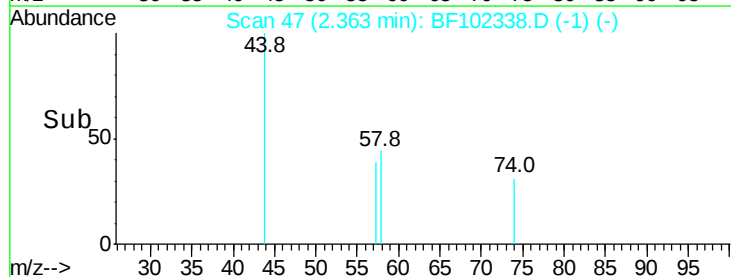
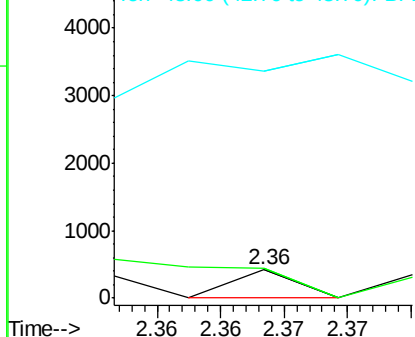
#2

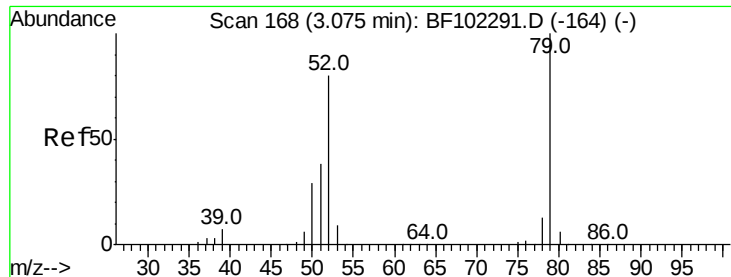
1,4-Dioxane
Concen: 0.036 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#



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





#3

Pvridine

Concen: 0.075 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

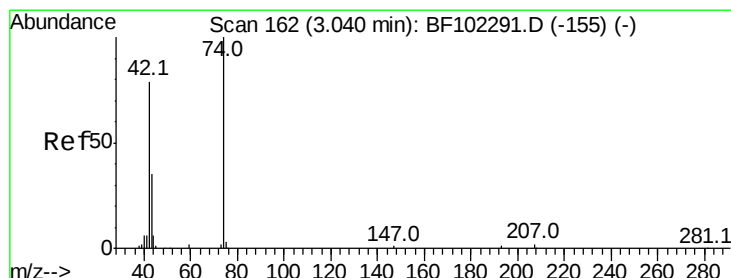
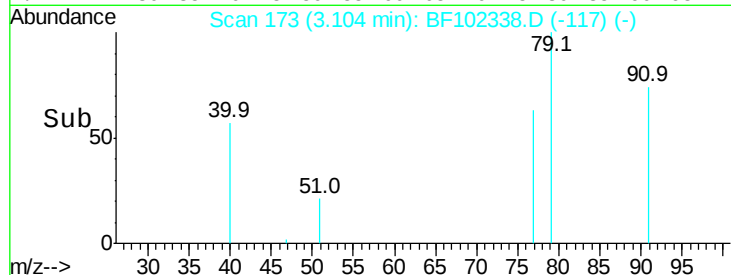
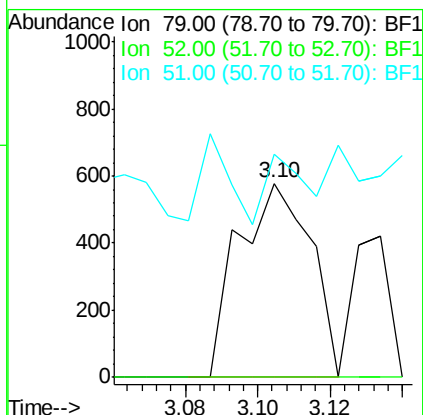
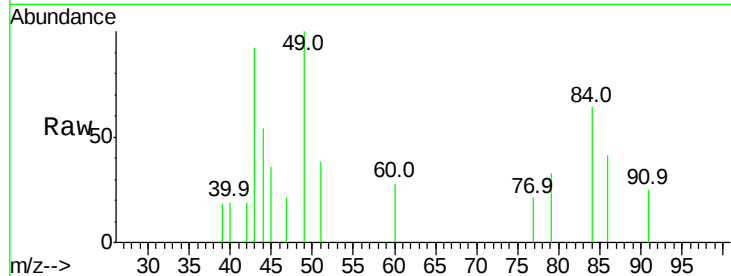
Tot Ion: 79 Resp: 804

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 115.1 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.120 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.02 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

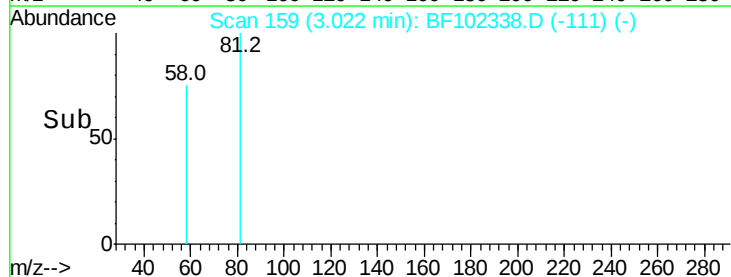
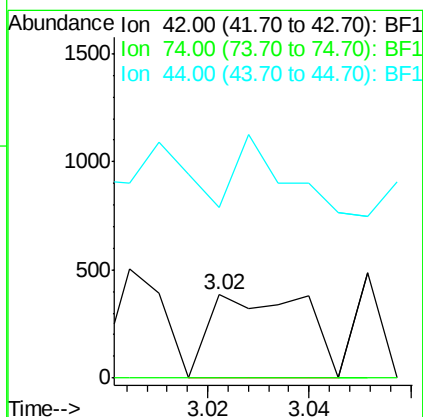
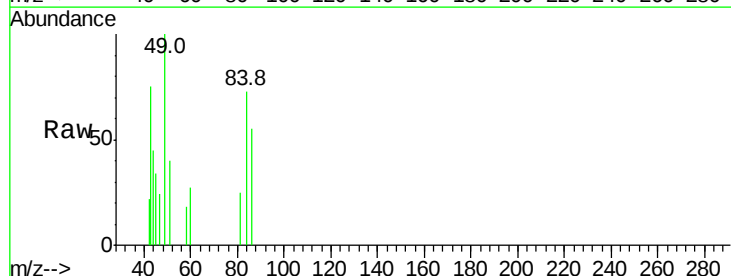
Tgt Ion: 42 Resp: 505

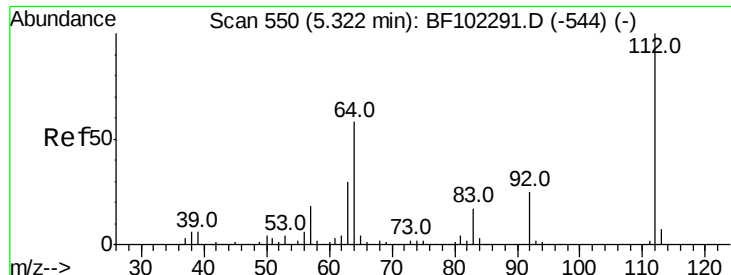
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 204.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 113.502 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

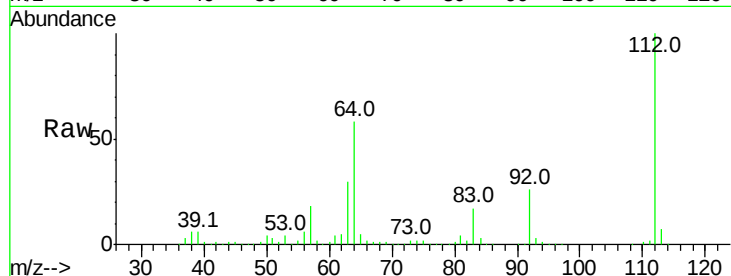
Tot Ion:112 Resp: 983828

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

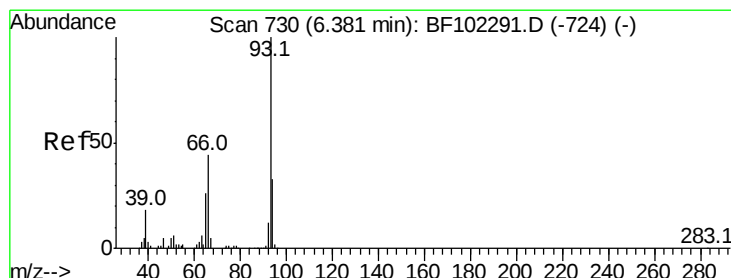
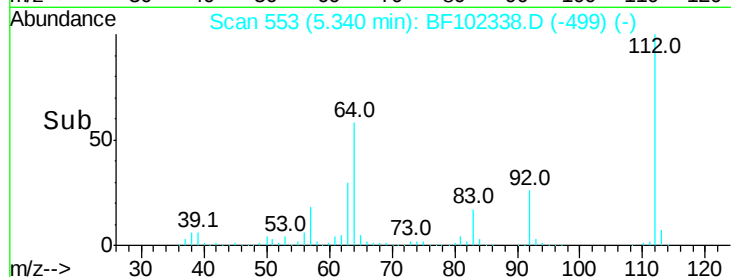
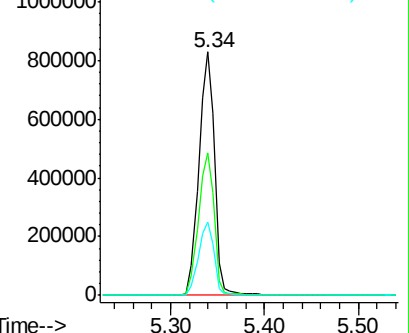
63 30.0 23.7 35.5



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: 2.551 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

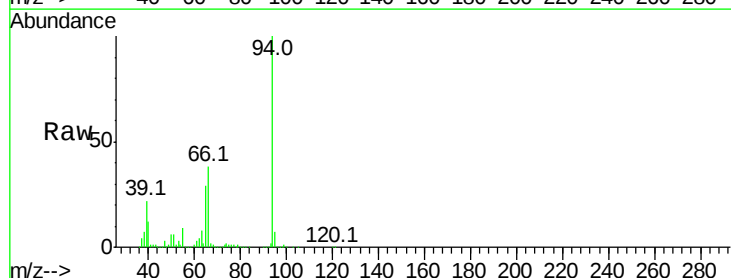
Tgt Ion: 93 Resp: 35256

Ion Ratio Lower Upper

93 100

66 1640.3 32.2 48.2#

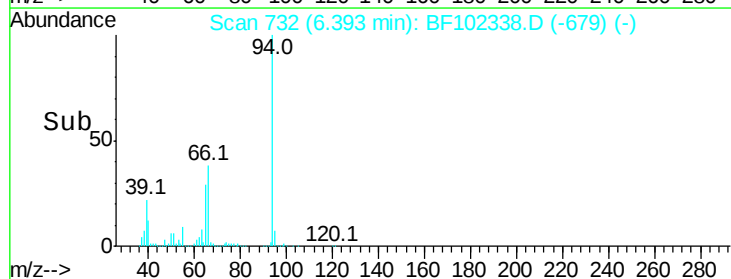
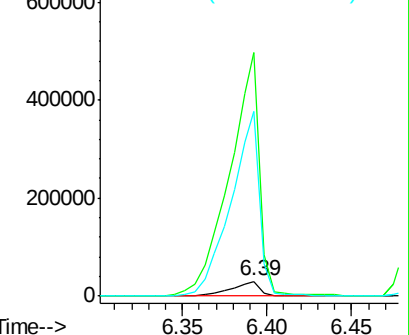
65 1247.5 16.4 24.6#

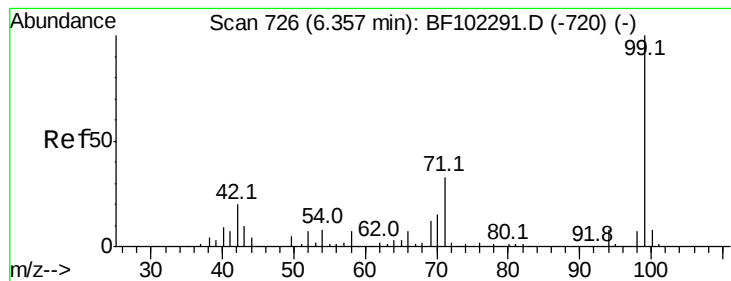


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.210 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

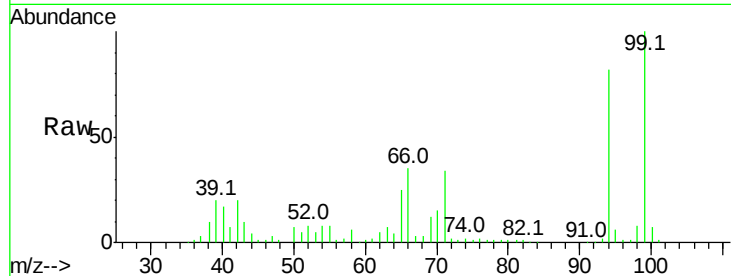
Tot Ion: 99 Resp: 1036742

Ion Ratio Lower Upper

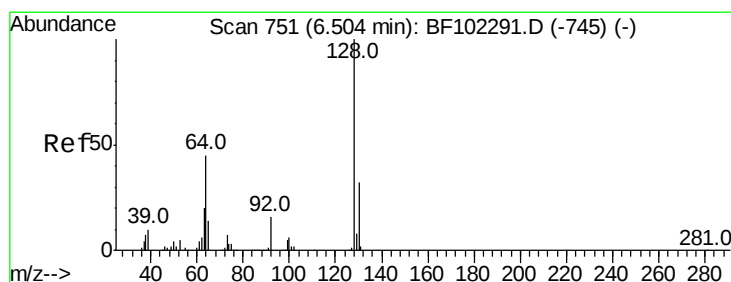
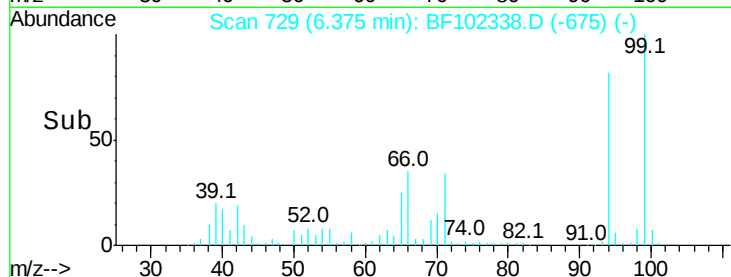
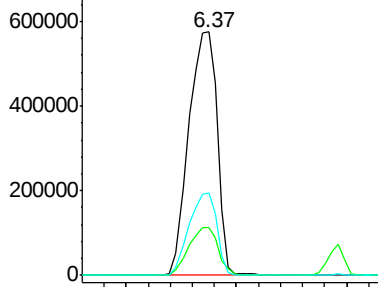
99 100

42 19.5 14.5 21.7

71 33.7 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: 0.069 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

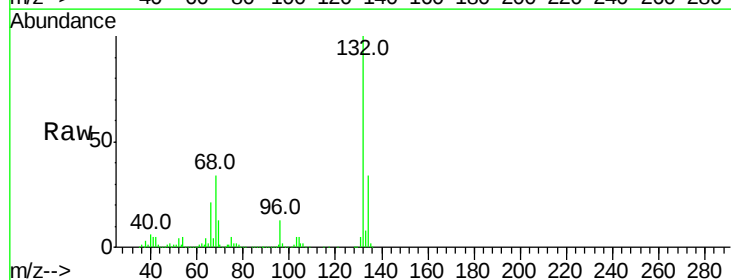
Tgt Ion:128 Resp: 631

Ion Ratio Lower Upper

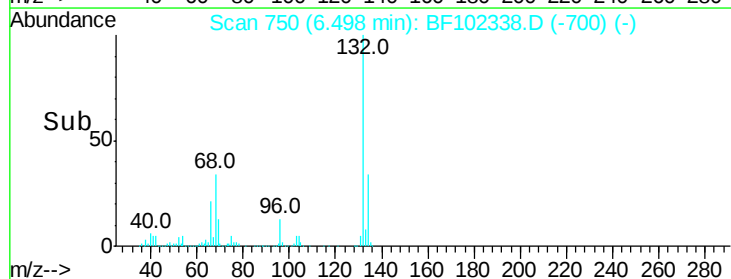
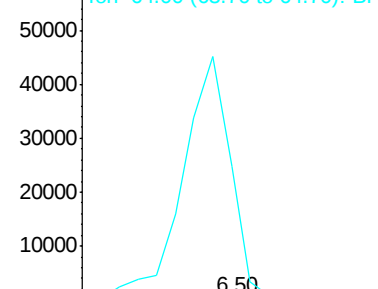
128 100

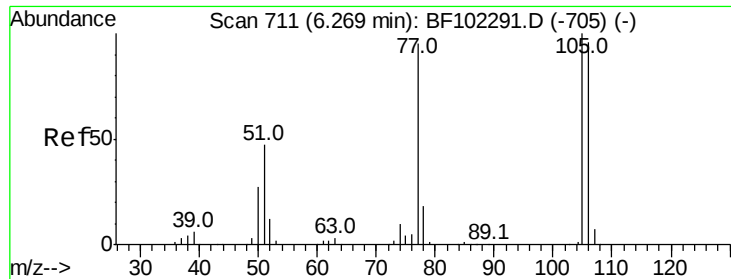
130 0.0 13.0 53.0#

64 6040.1 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

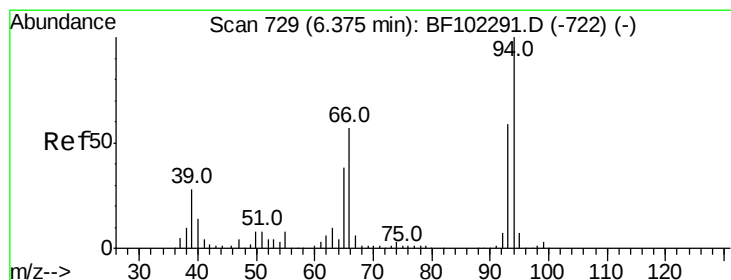
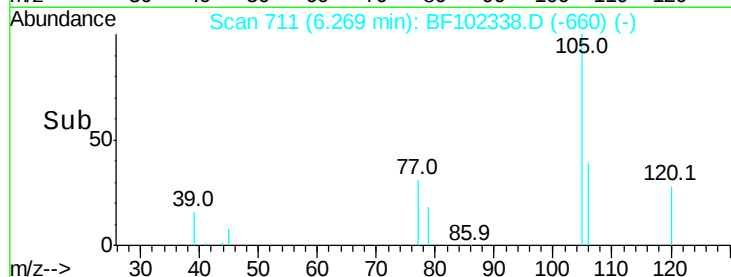
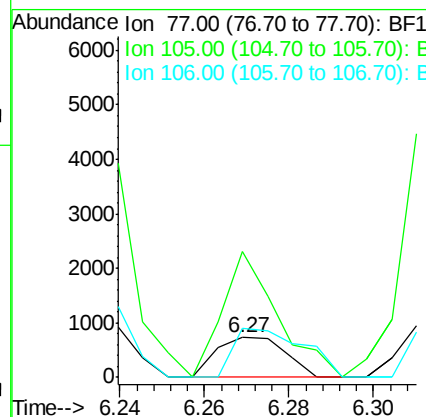
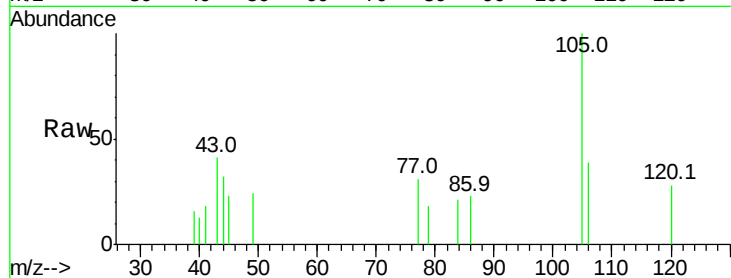




#9
Benzaldehydve
Concen: 0.277 ng
RT: 6.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

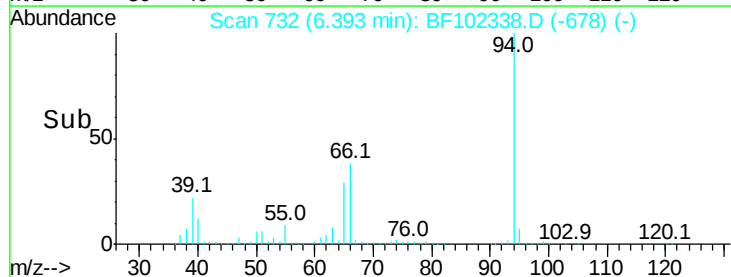
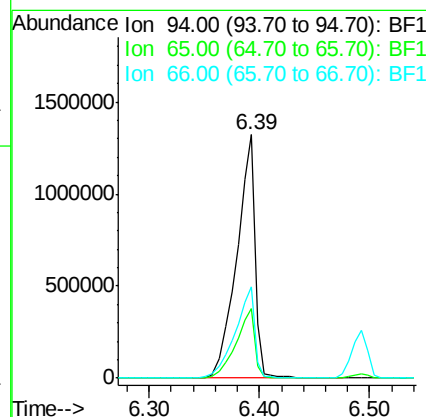
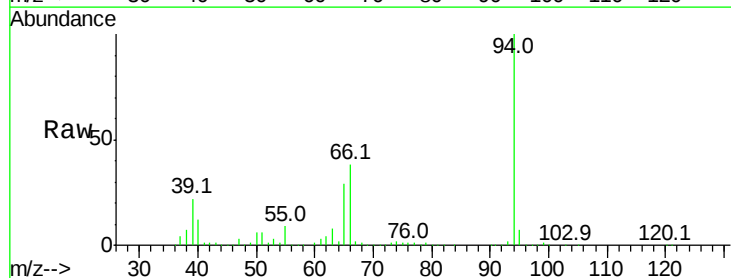
Instrument :
BNA_F
ClientSampled :

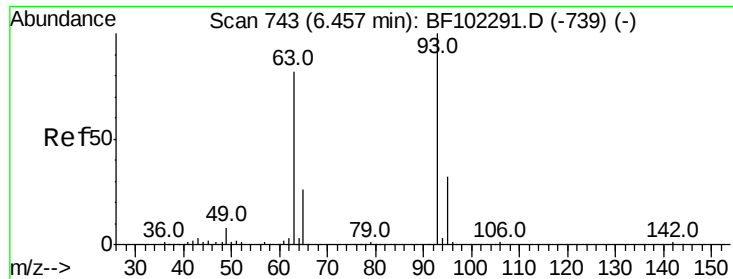
Tot Ion: 77 Resp: 826
Ion Ratio Lower Upper
77 100
105 319.7 81.1 121.1#
106 123.4 74.5 114.5#



#10
Phenol
Concen: 135.595 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.02 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion: 94 Resp: 1546941
Ion Ratio Lower Upper
94 100
65 28.6 7.9 47.9
66 37.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 0.173 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.04 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

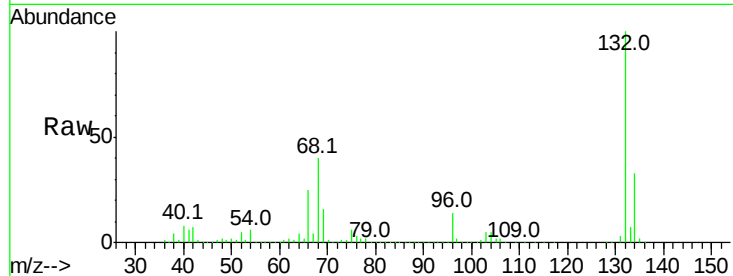
Tot Ion: 93 Resp: 1501

Ion Ratio Lower Upper

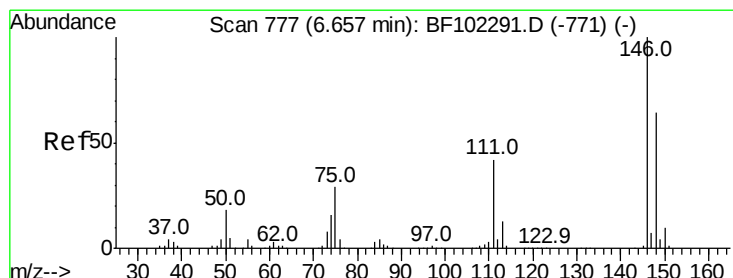
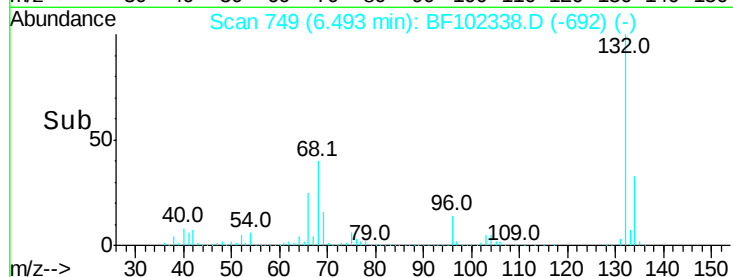
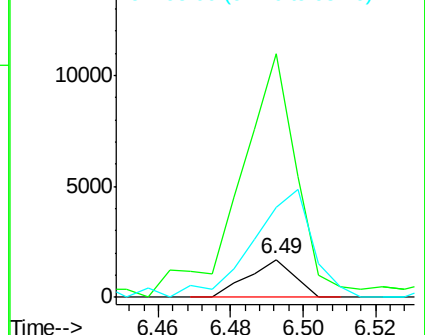
93 100

63 638.8 58.6 98.6#

95 236.3 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: 0.011 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.21 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

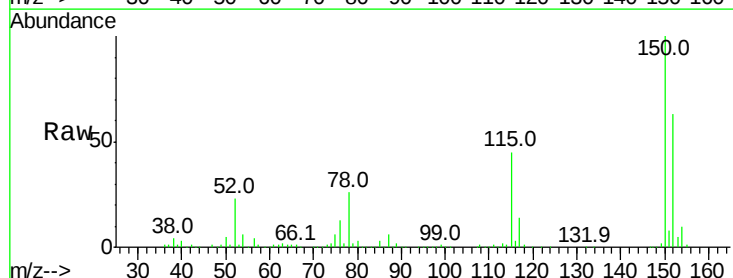
Tgt Ion:146 Resp: 116

Ion Ratio Lower Upper

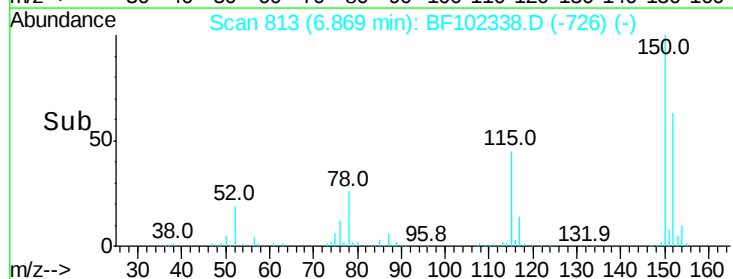
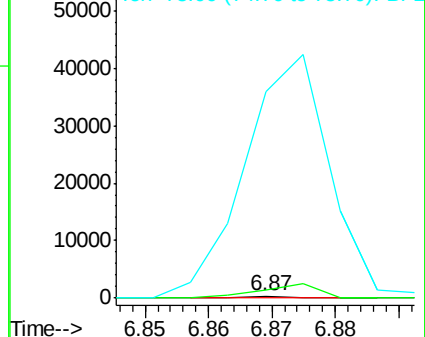
146 100

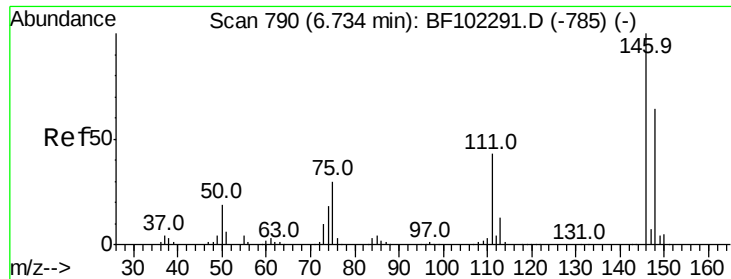
148 444.2 51.8 77.8#

75 10982.9 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: 0.011 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.14 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

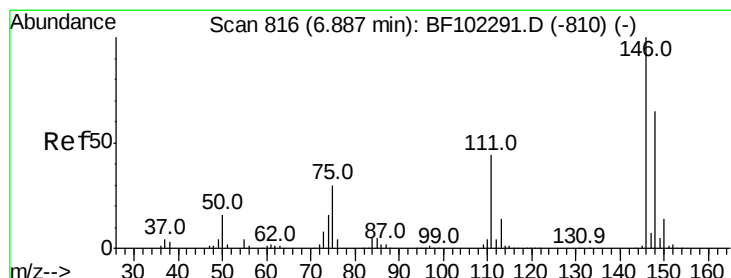
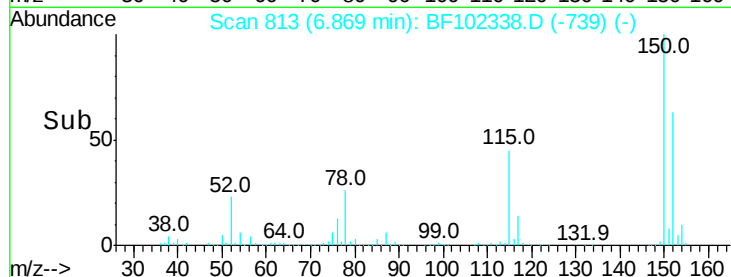
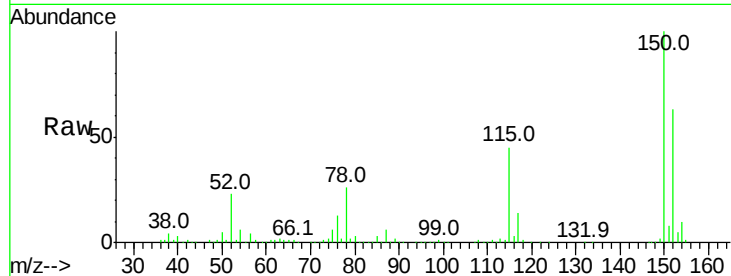
Tot Ion:146 Resp: 116

Ion Ratio Lower Upper

146 100

148 444.2 50.8 76.2#

111 1747.9 34.2 51.2#



#14

1,2-Dichlorobenzene

Concen: 0.012 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

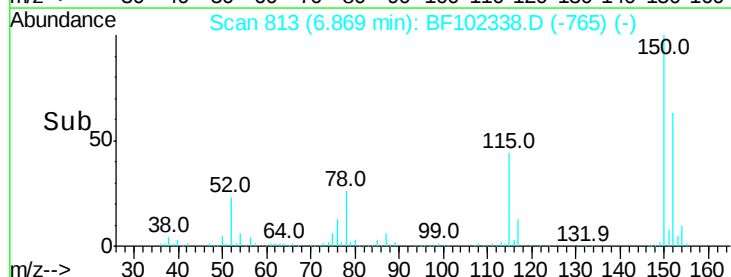
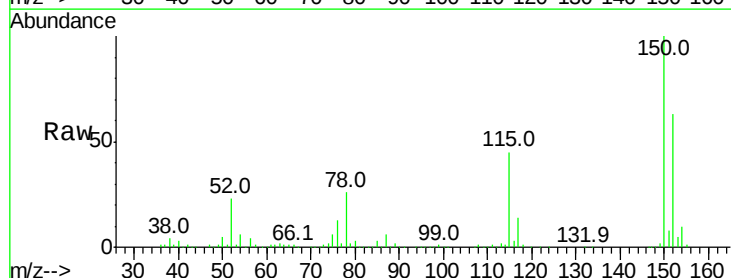
Tgt Ion:146 Resp: 116

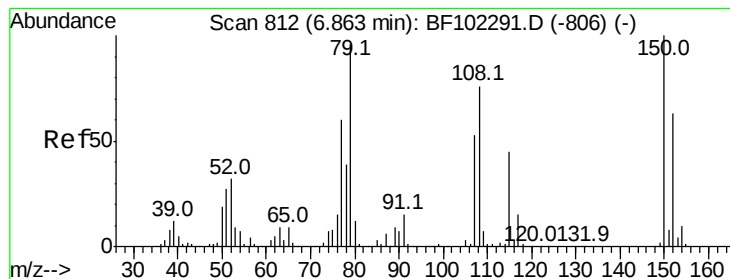
Ion Ratio Lower Upper

146 100

148 444.2 50.6 75.8#

111 1747.9 36.0 54.0#





#15

Benzyl Alcohol

Concen: 1.953 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

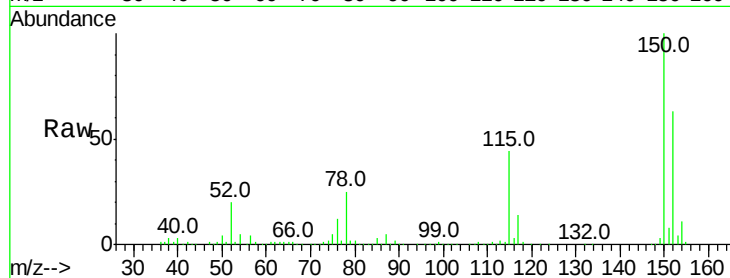
Tot Ion: 79 Resp: 14401

Ion Ratio Lower Upper

79 100

108 34.6 65.1 97.7#

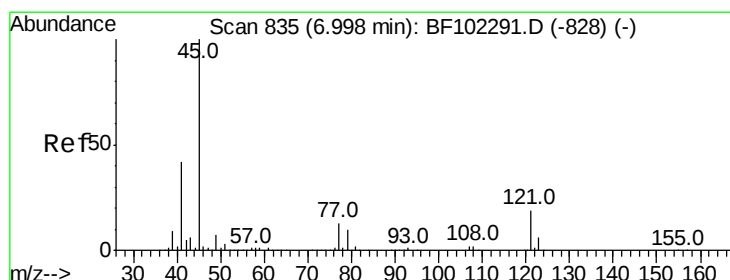
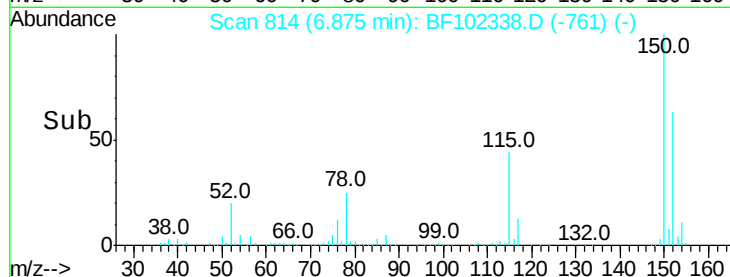
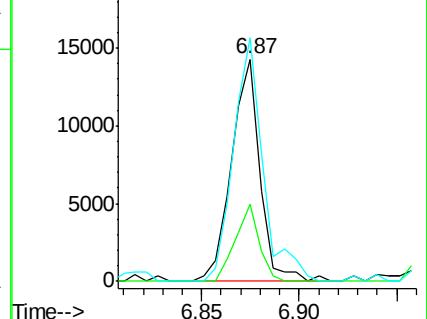
77 109.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.067 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.16 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

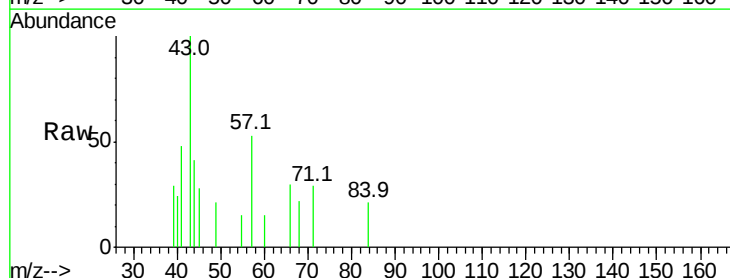
Tgt Ion: 45 Resp: 972

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

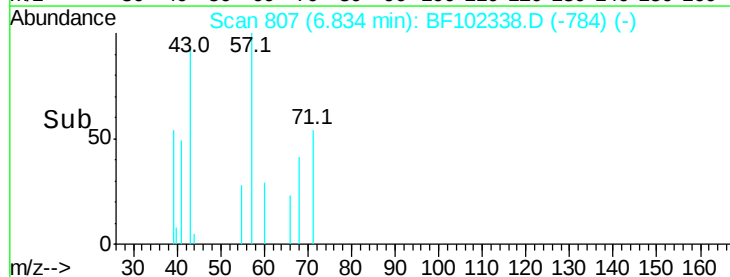
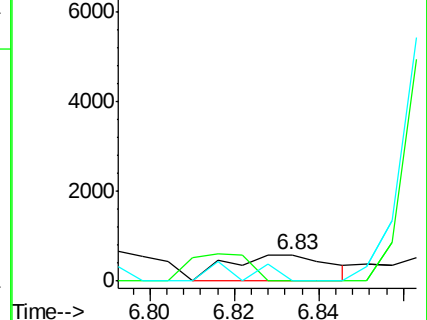
79 0.0 0.0 29.6

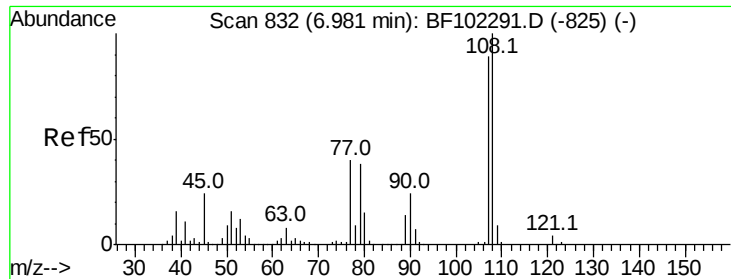


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

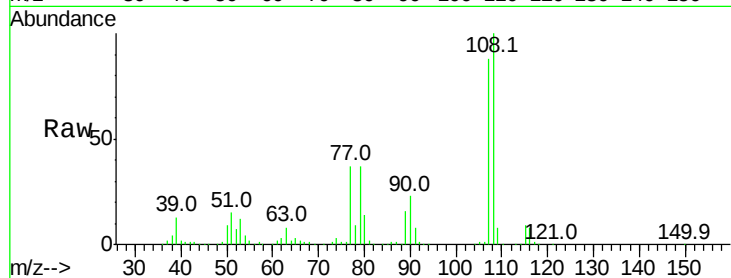




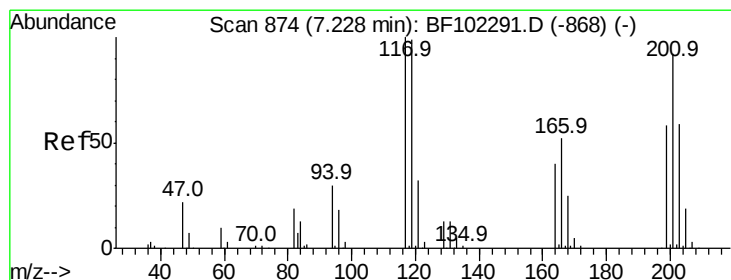
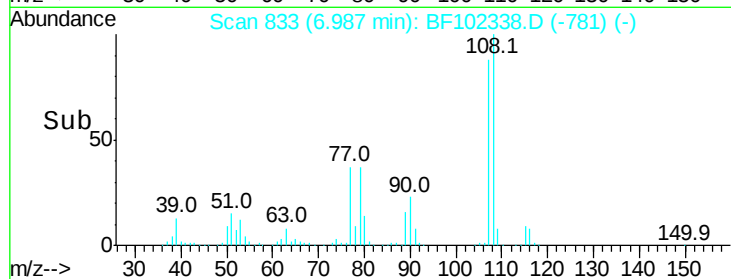
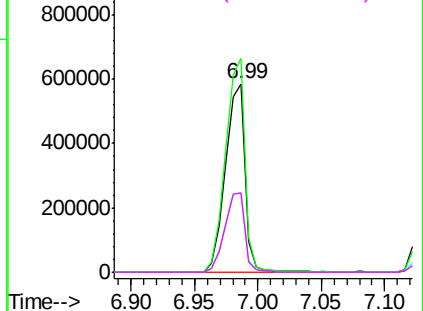
#17
2-Methylphenol
Concen: 79.816 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 629858
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 42.0 33.8 50.8
79 42.1 33.8 50.8

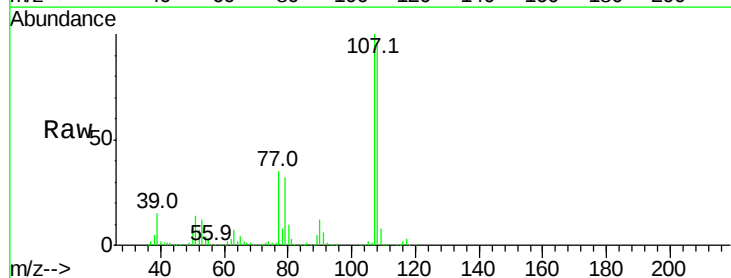


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

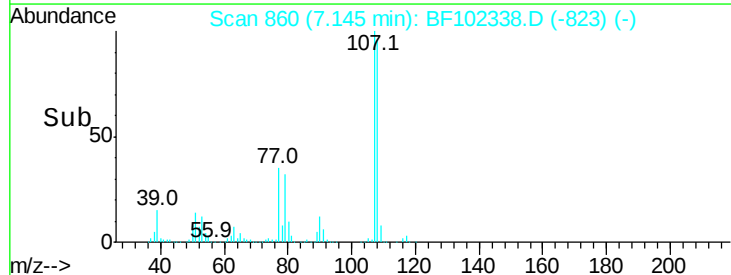
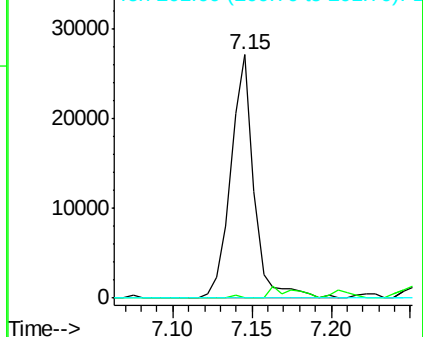


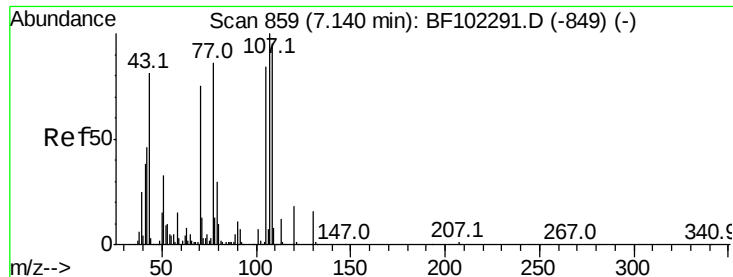
#18
Hexachloroethane
Concen: 7.296 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.08 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion:117 Resp: 27521
Ion Ratio Lower Upper
117 100
119 0.0 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

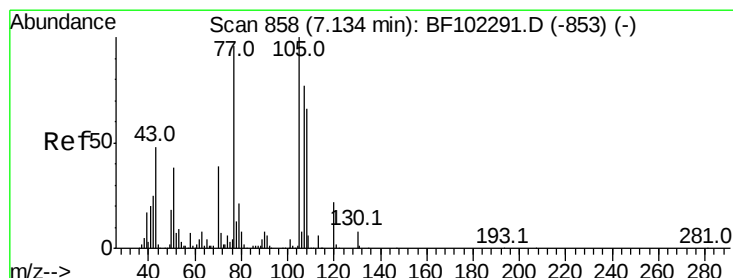
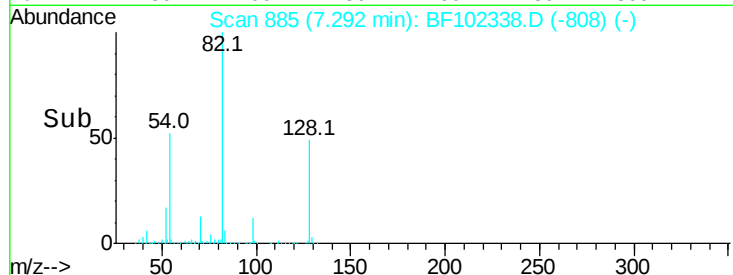
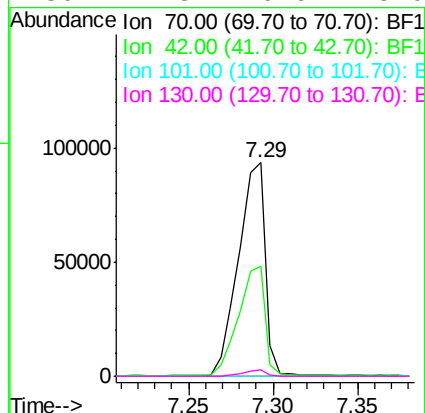
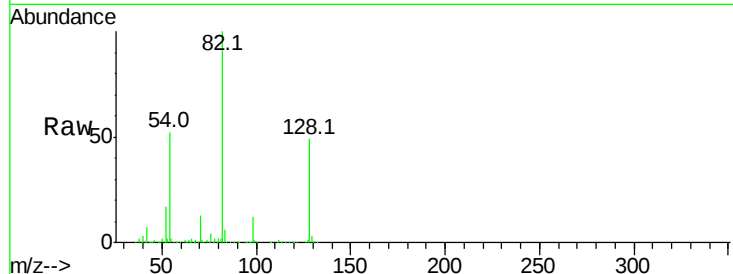




#19
n-Nitroso-di-n-propylamine
Concen: 16.384 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

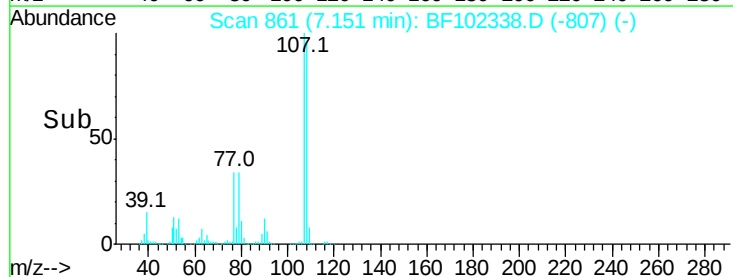
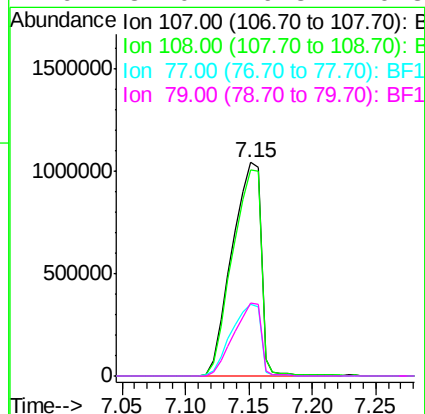
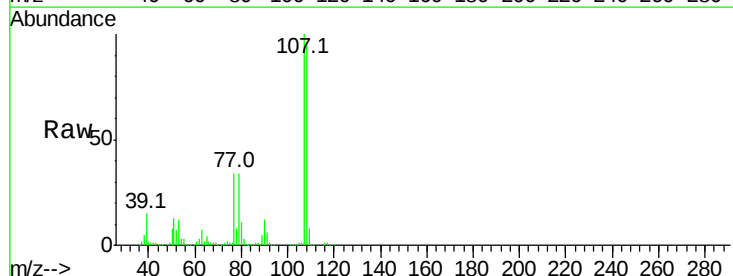
Instrument :
BNA_F
ClientSampled :

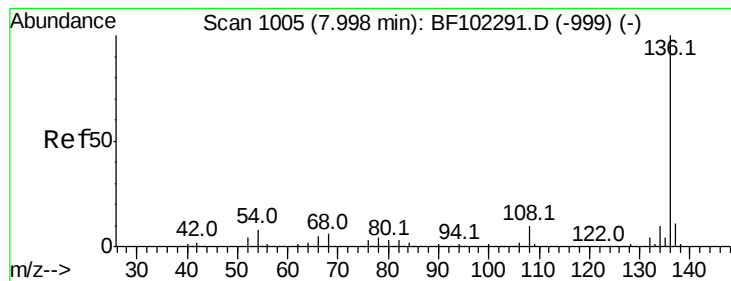
Tot Ion: 70 Resp: 104776
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#20
3+4-Methylphenols
Concen: 178.105 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion:107 Resp: 1653003
Ion Ratio Lower Upper
107 100
108 96.3 68.2 108.2
77 33.6 26.7 66.7
79 34.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 539245

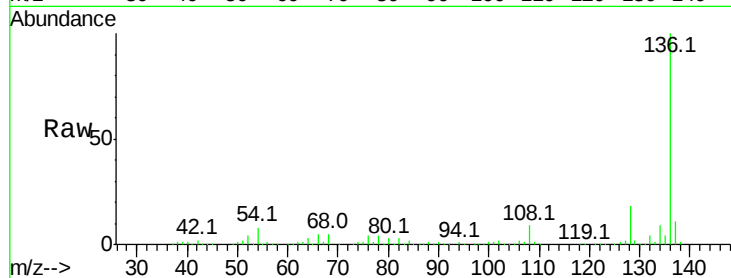
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.0 5.0 7.4#

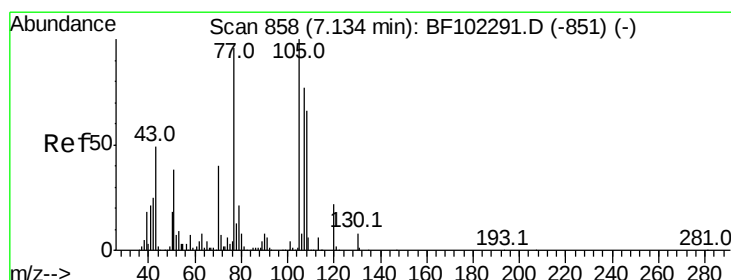
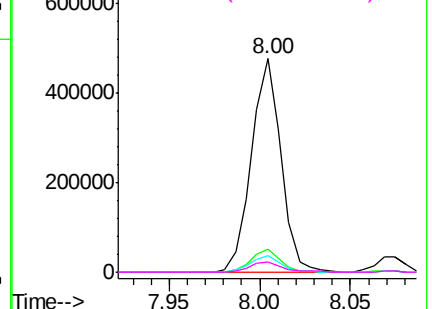
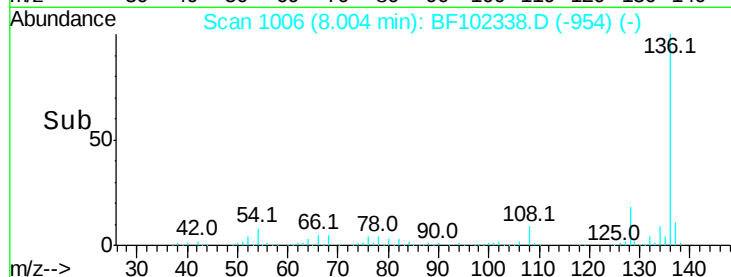


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.569 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Tgt Ion:105 Resp: 45880

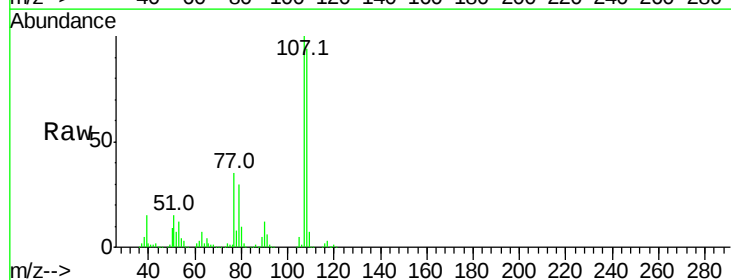
Ion Ratio Lower Upper

105 100

71 1.4 4.4 6.6#

51 305.7 22.3 33.5#

120 16.6 16.9 25.3#

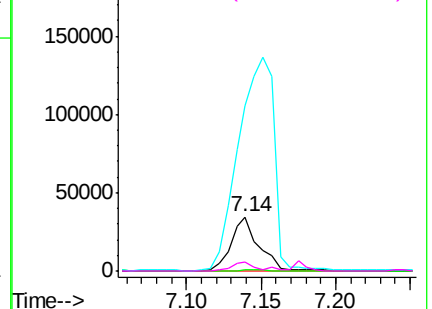
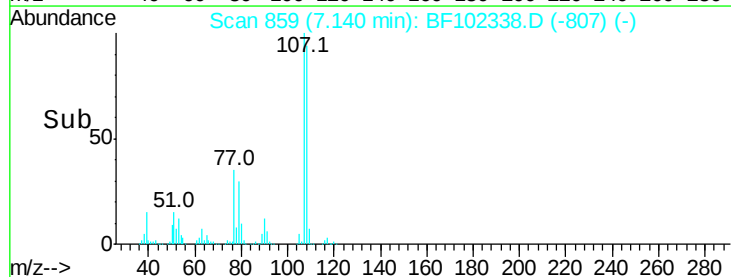


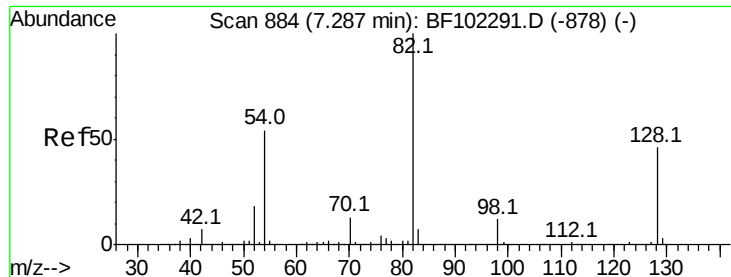
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.175 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

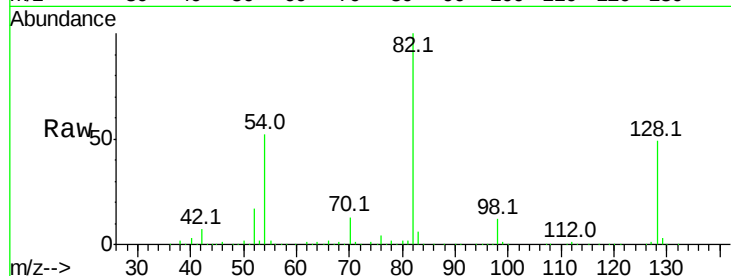
Tot Ion: 82 Resp: 808631

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

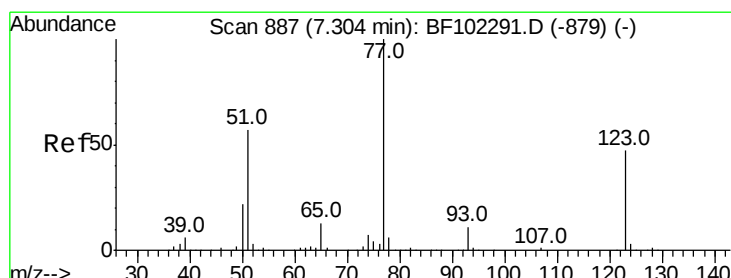
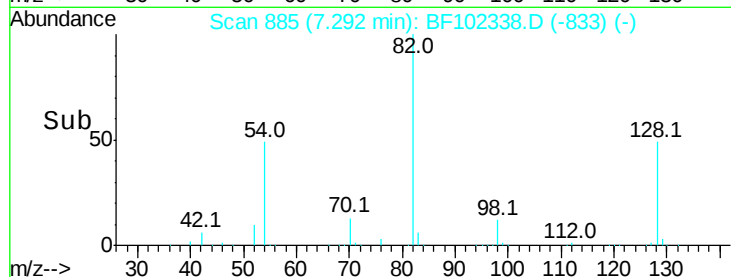
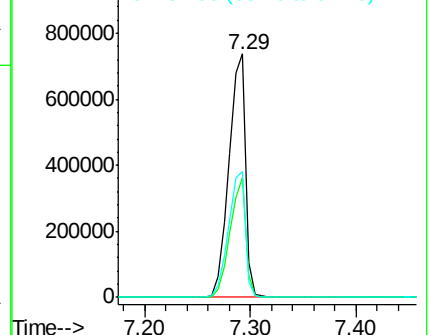
54 51.8 41.4 62.2



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: 2.107 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.11 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

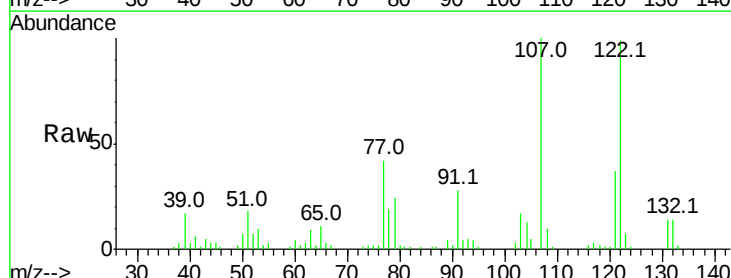
Tgt Ion: 77 Resp: 20236

Ion Ratio Lower Upper

77 100

123 17.1 37.9 56.9#

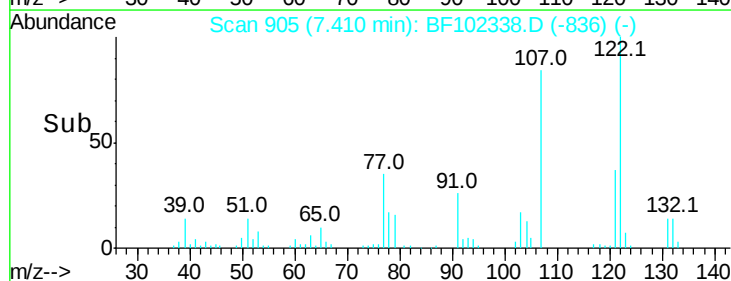
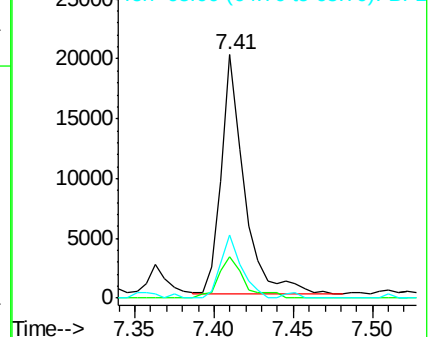
65 26.0 11.0 16.4#

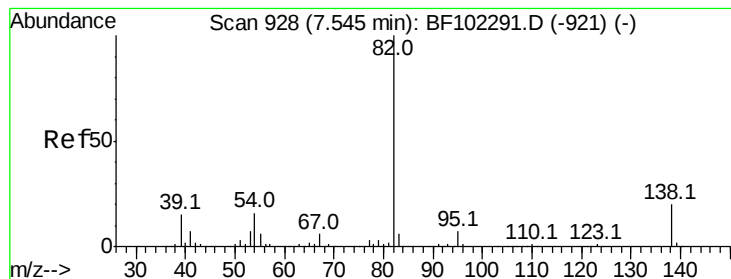


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.996 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

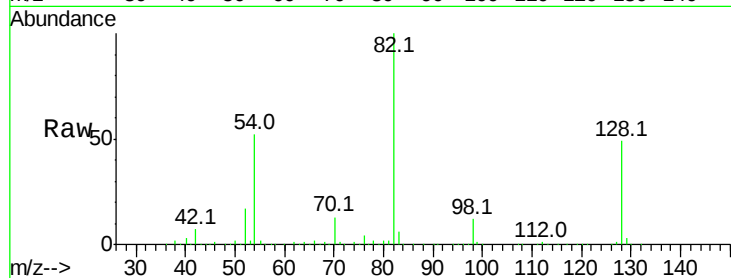
Tot Ion: 82 Resp: 802914

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

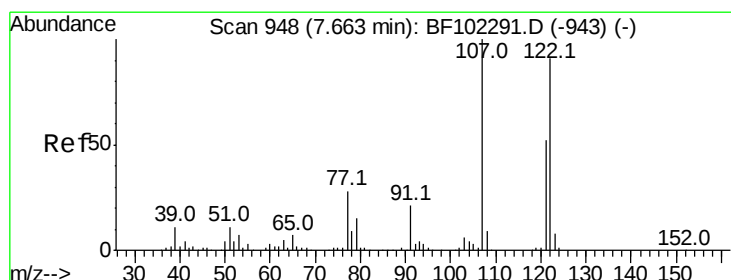
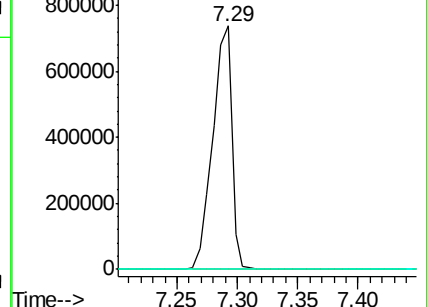
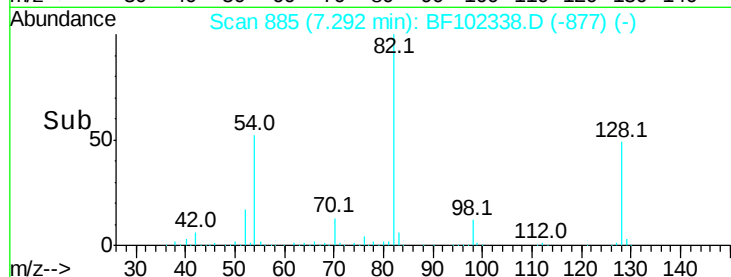
138 0.0 14.9 22.3#



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: 58.296 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

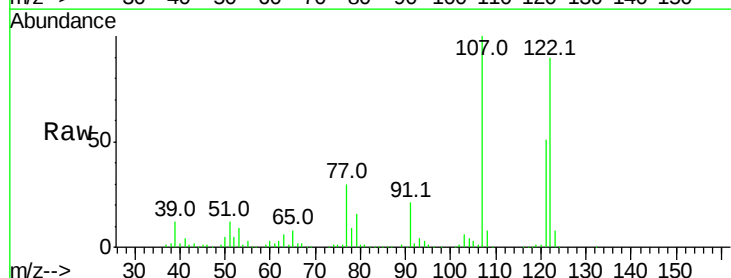
Tgt Ion:122 Resp: 427822

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

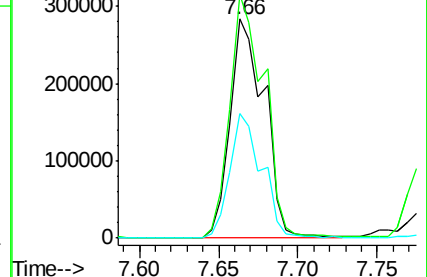
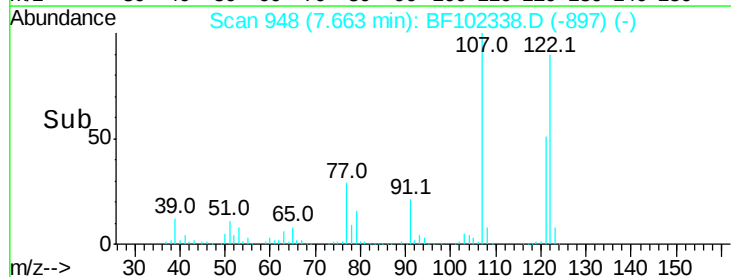
121 56.9 47.2 70.8

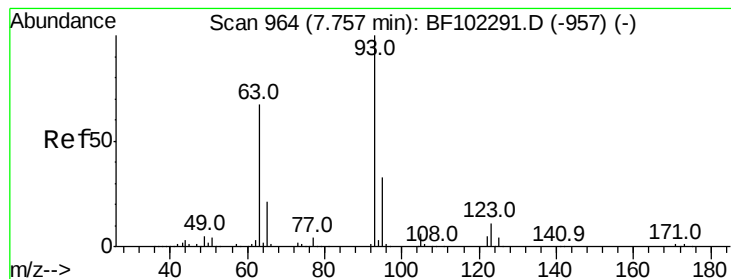


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 2.290 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.05 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

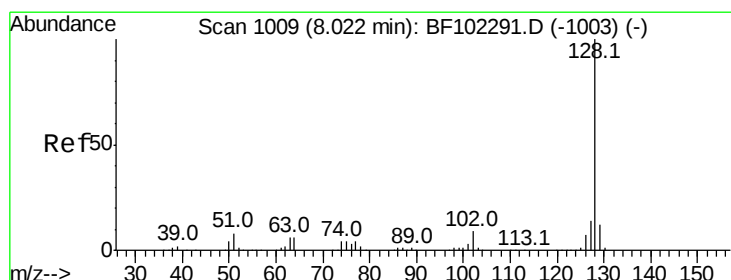
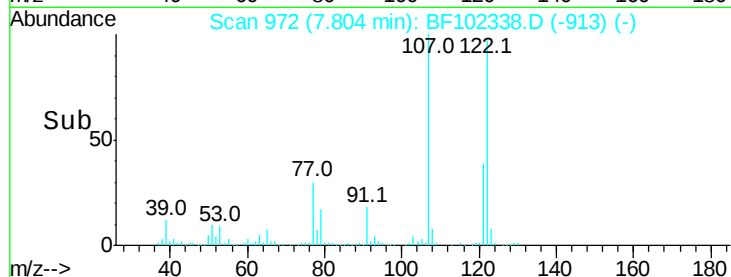
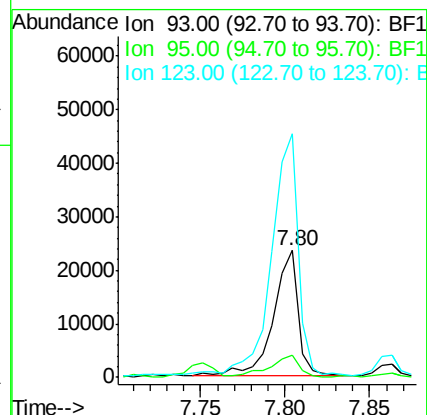
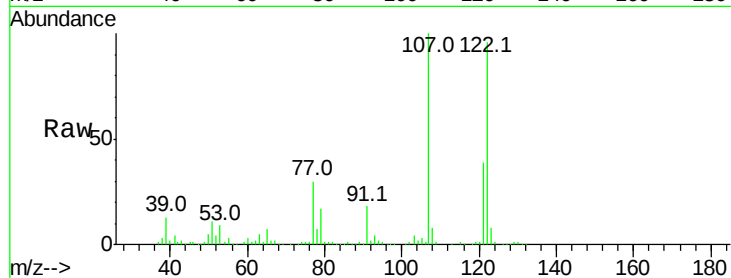
Tot Ion: 93 Resp: 23661

Ion Ratio Lower Upper

93 100

95 17.1 26.3 39.5#

123 192.3 9.8 14.6#



#31

Naphthalene

Concen: 149.458 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

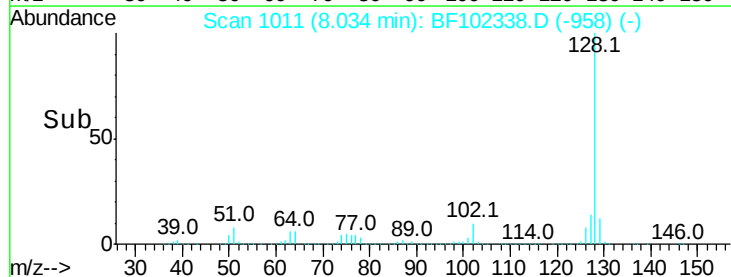
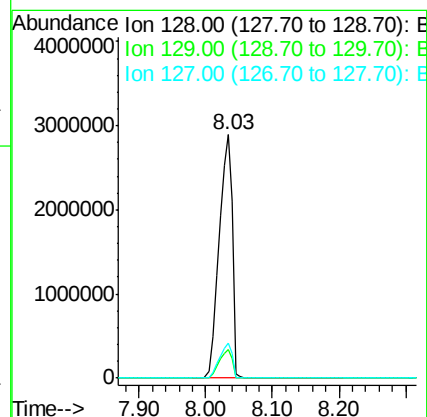
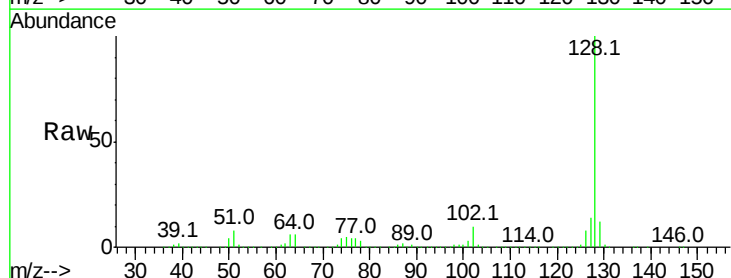
Tgt Ion:128 Resp: 4023968

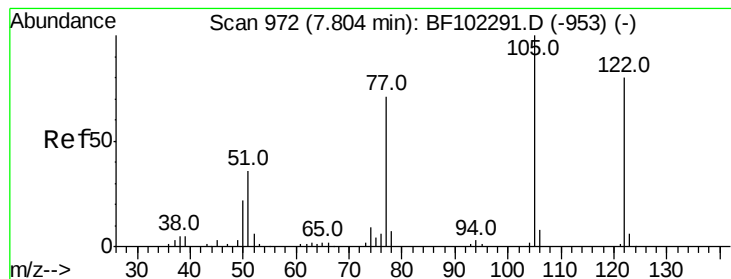
Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 14.4 10.9 16.3





#32

Benzoic acid

Concen: 93.803 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

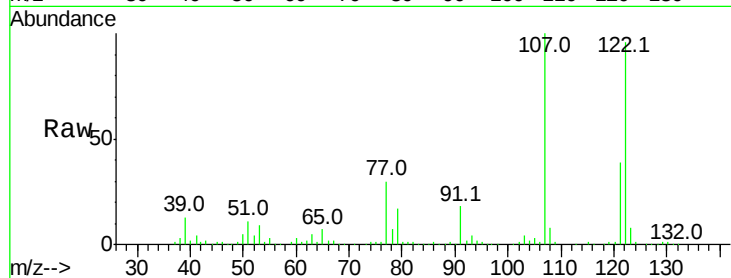
Tot Ion:122 Resp: 576757

Ion Ratio Lower Upper

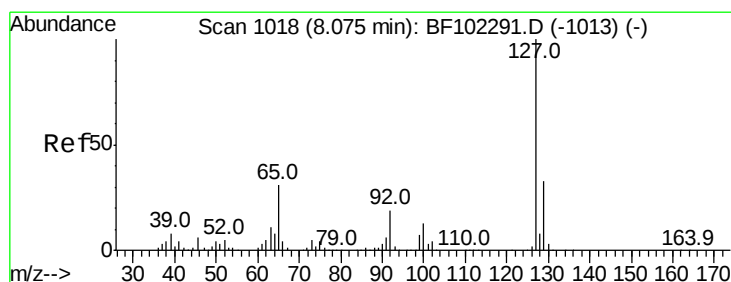
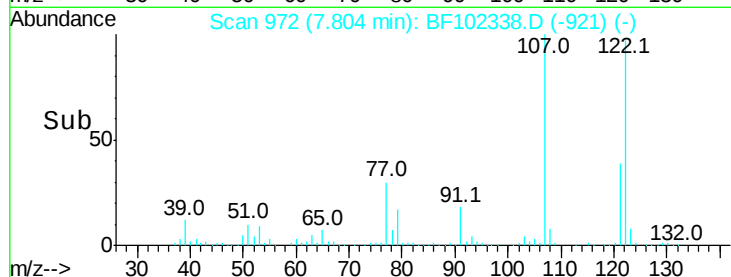
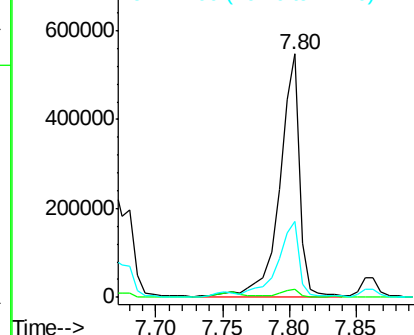
122 100

105 3.3 101.1 141.1#

77 31.0 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: 49.629 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.04 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Tgt Ion:127 Resp: 561891

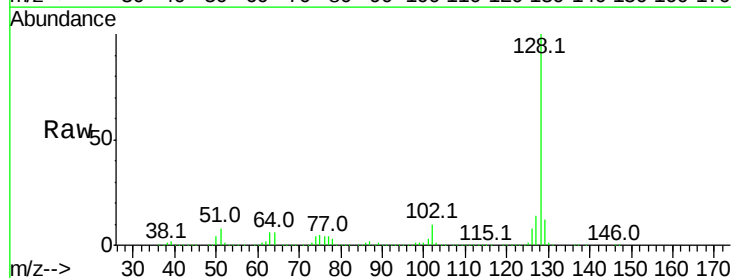
Ion Ratio Lower Upper

127 100

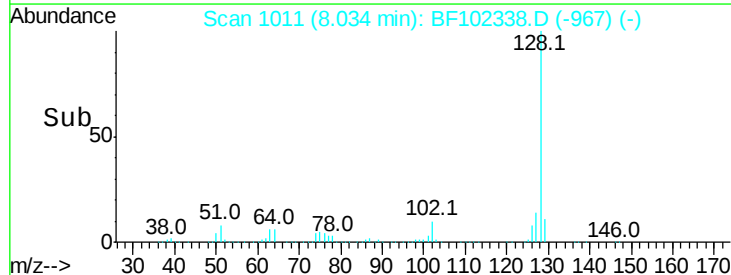
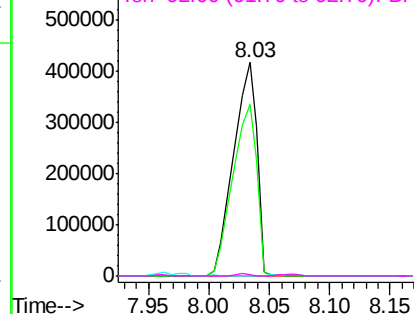
129 80.4 25.9 38.9#

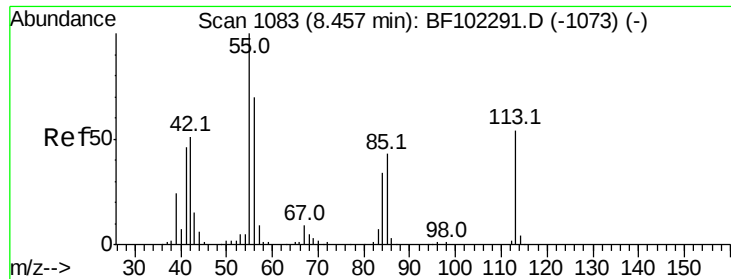
65 0.0 25.0 37.4#

92 0.6 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

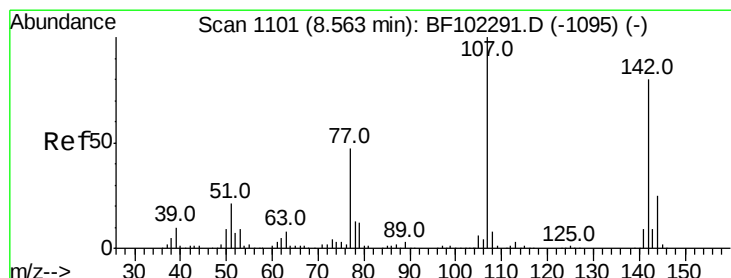
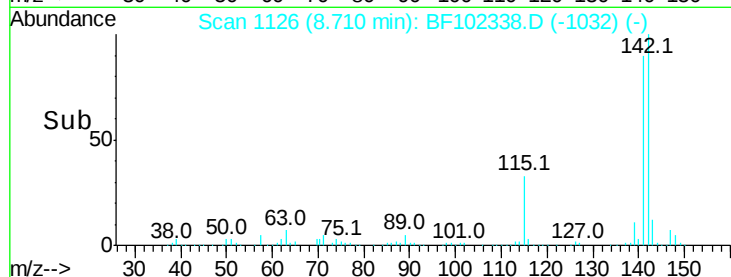
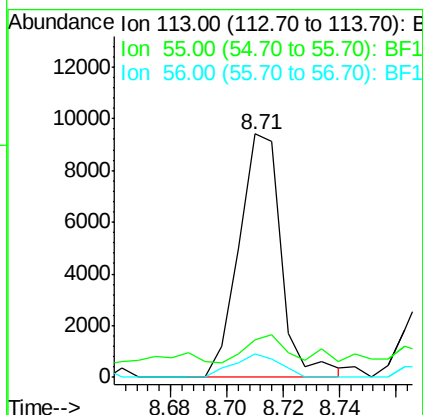
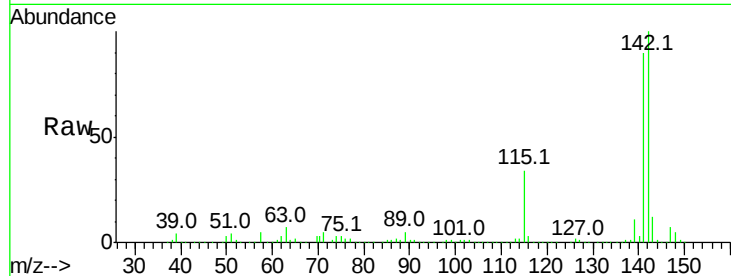




#35
 Caprolactam
 Concen: 3.974 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.25 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

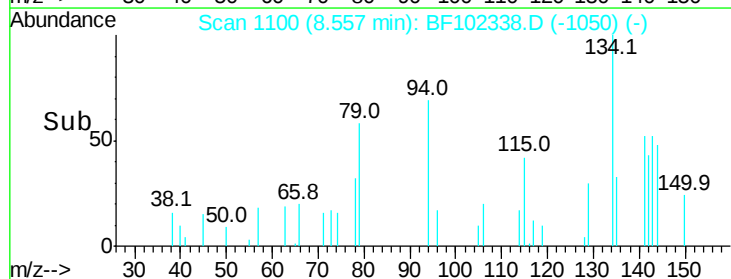
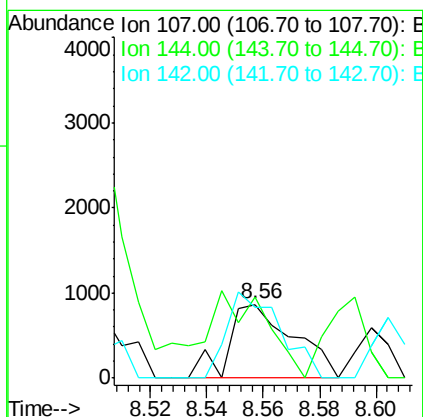
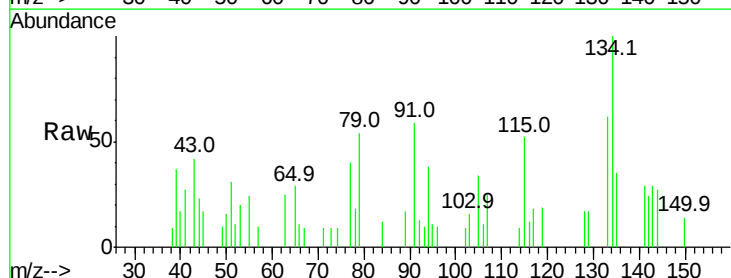
Instrument :
 BNA_F
 ClientSampleId :

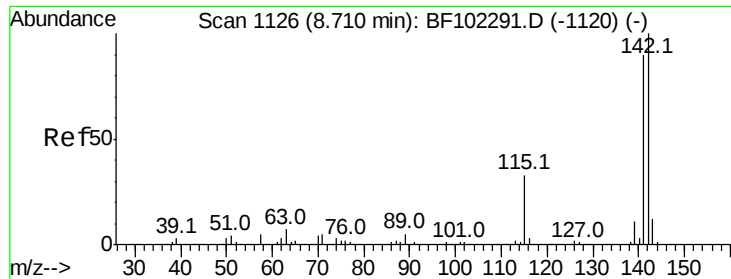
Tot Ion:113 Resp: 9812
 Ion Ratio Lower Upper
 113 100
 55 15.6 163.3 203.3#
 56 9.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 0.176 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:107 Resp: 1383
 Ion Ratio Lower Upper
 107 100
 144 109.5 20.5 30.7#
 142 96.4 62.0 93.0#

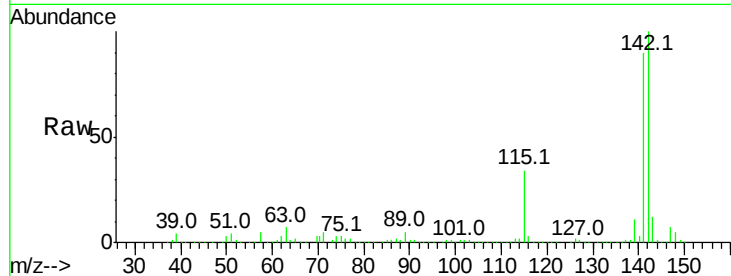




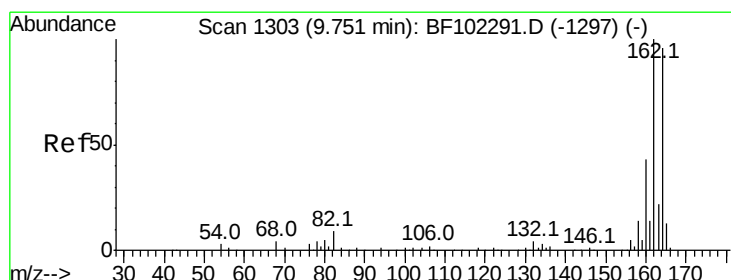
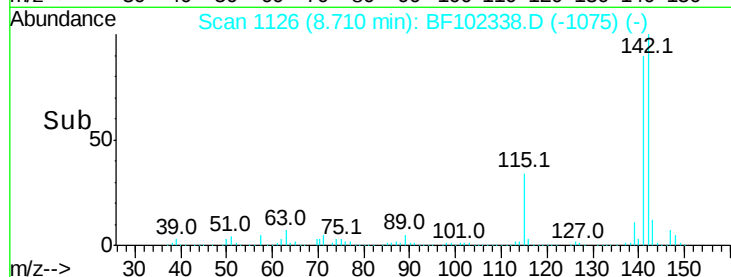
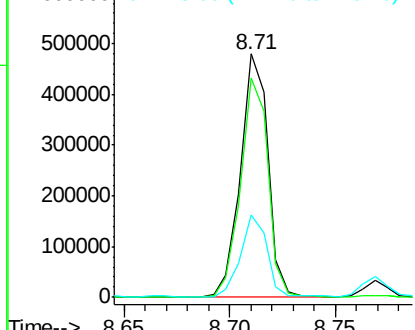
#37
2-Methylnaphthalene
Concen: 24.268 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.0	26.1	39.1

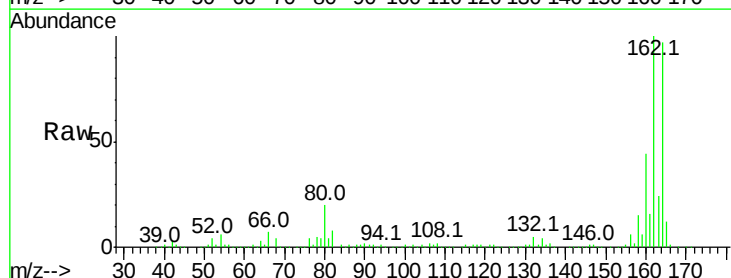


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

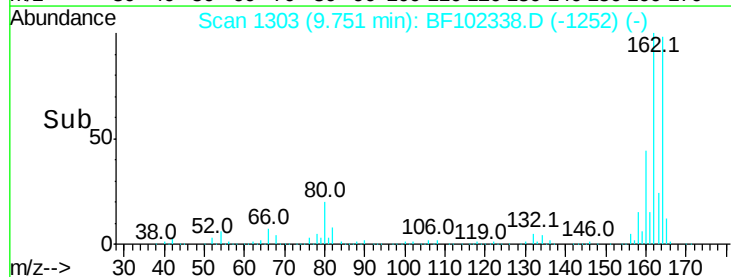
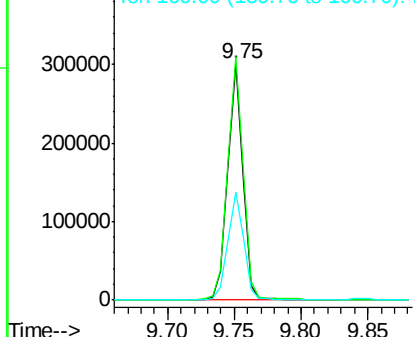


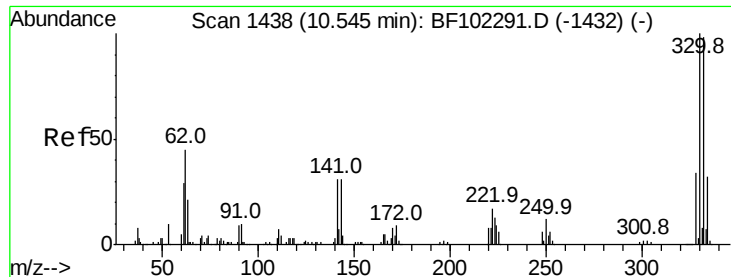
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

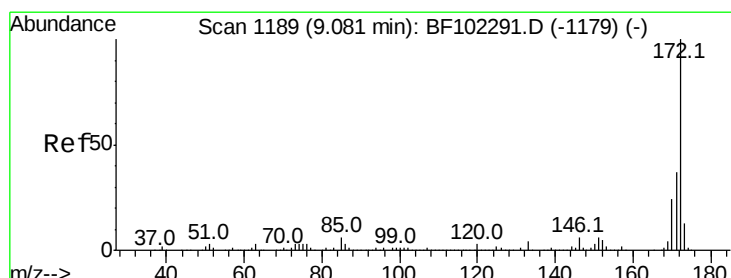
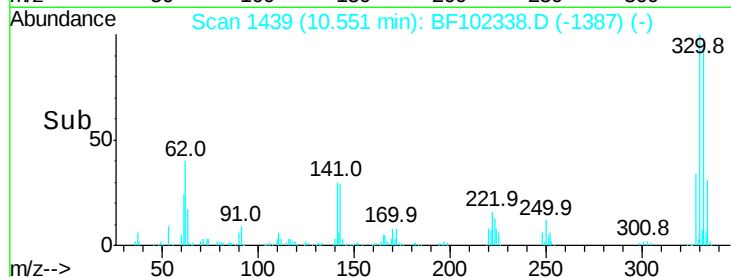
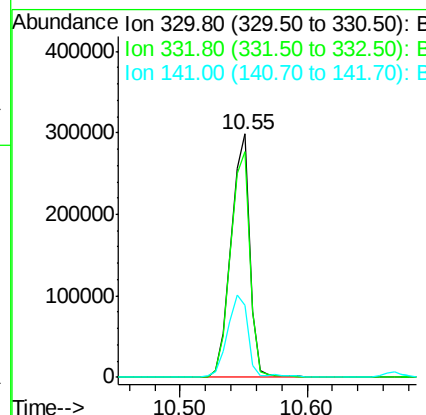
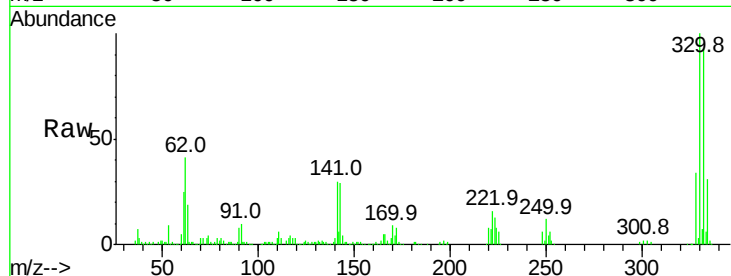




#41
 2,4,6-Tribromophenol
 Concen: 126.714 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

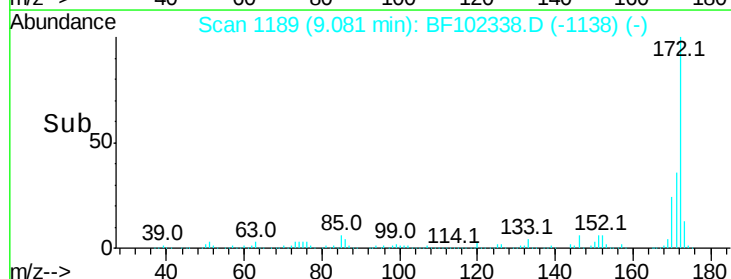
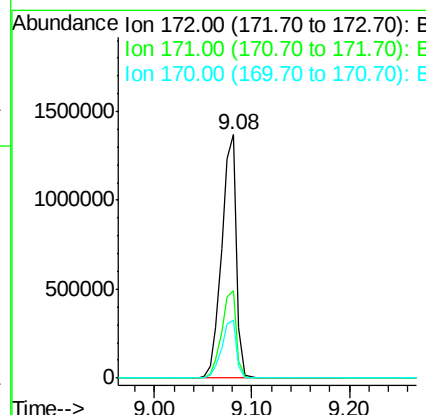
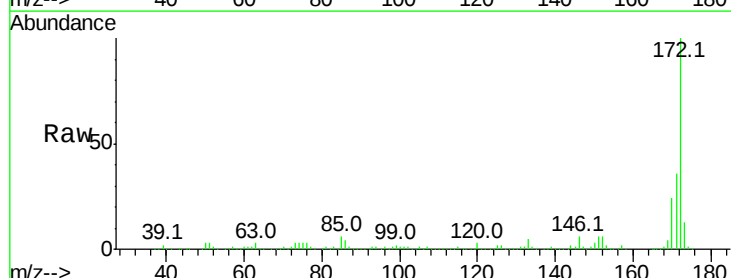
Instrument :
 BNA_F
 ClientSampleId :

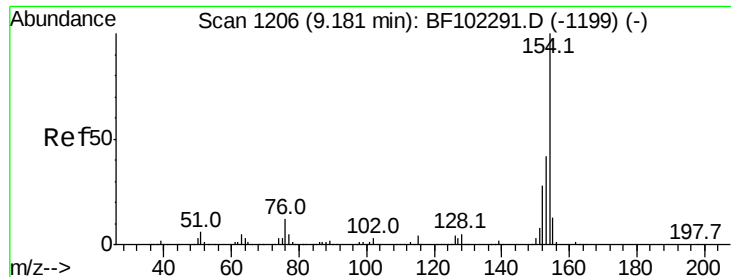
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.347 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

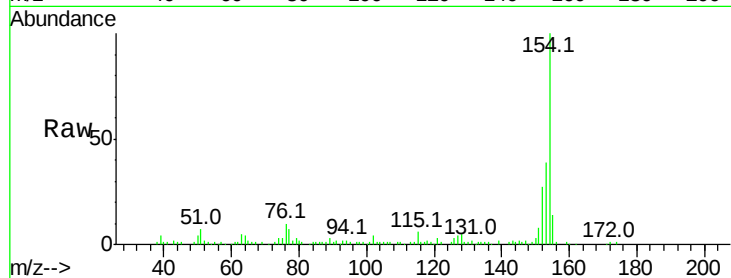




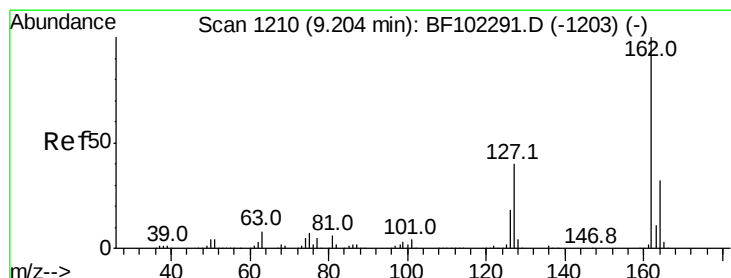
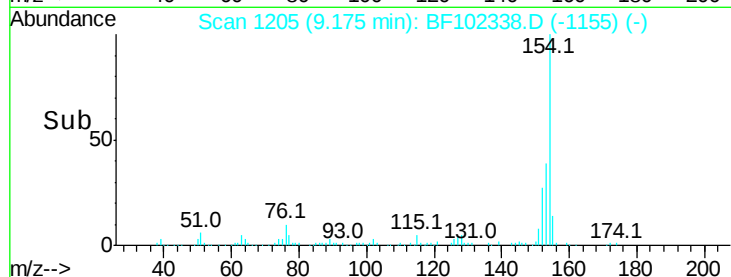
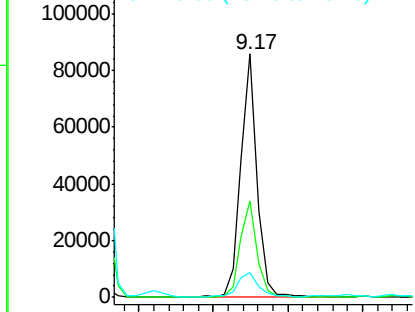
#45
 1,1'-Biphenyl
 Concen: 2.988 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	154	Resp:	65380
Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.3	61.3
76	10.3	0.0	34.0

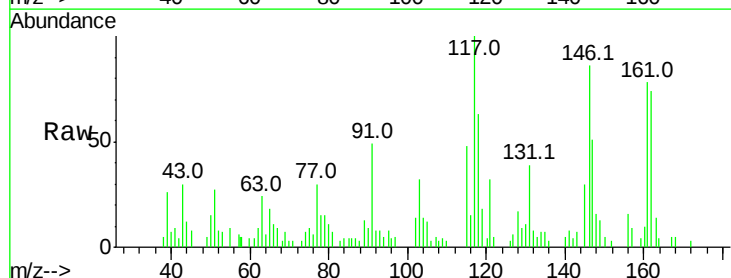


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

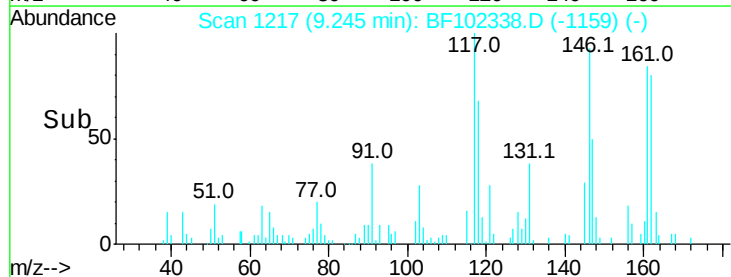
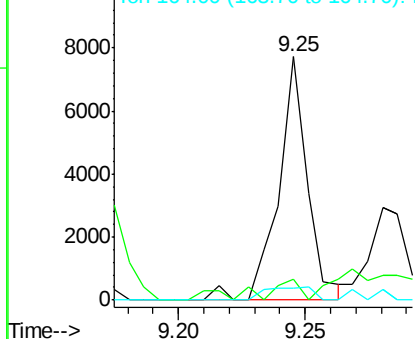


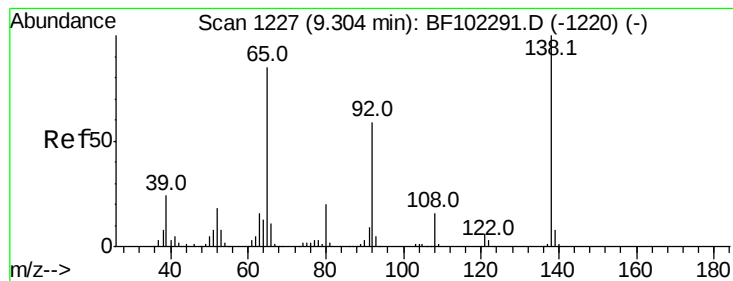
#46
 2-Chloronaphthalene
 Concen: 0.358 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.04 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:	162	Resp:	6085
Ion	Ratio	Lower	Upper
162	100		
127	8.5	33.9	50.9#
164	5.1	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: 0.129 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

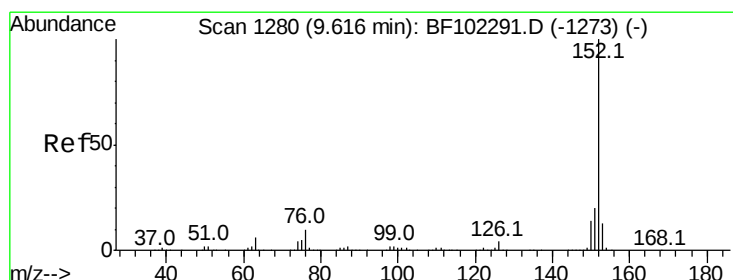
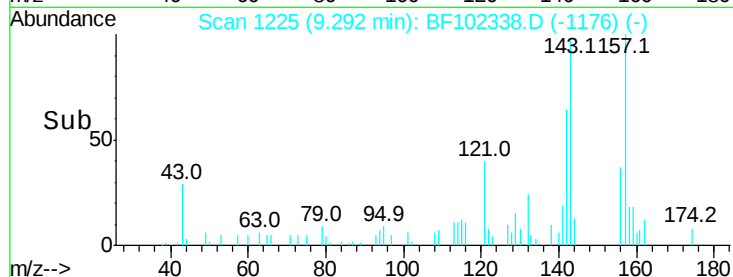
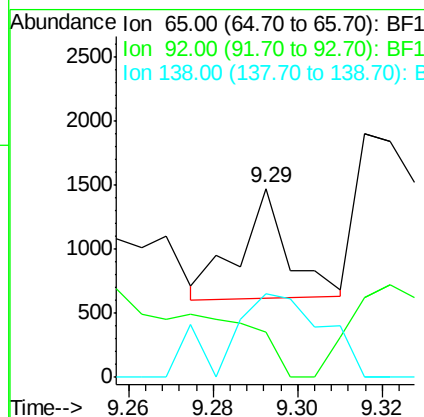
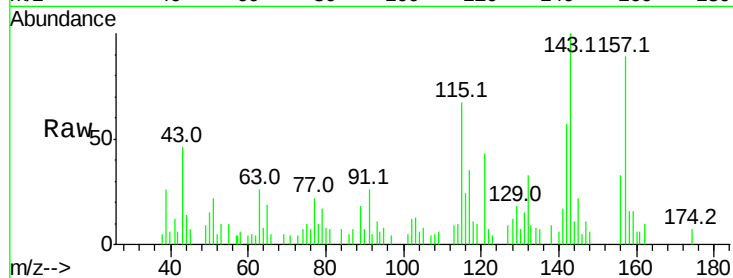
Tot Ion: 65 Resp: 683

Ion Ratio Lower Upper

65 100

92 23.7 55.8 83.6#

138 44.6 91.2 136.8#



#48

Acenaphthylene

Concen: 6.076 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

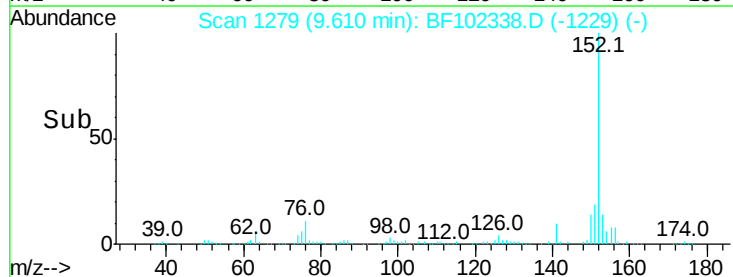
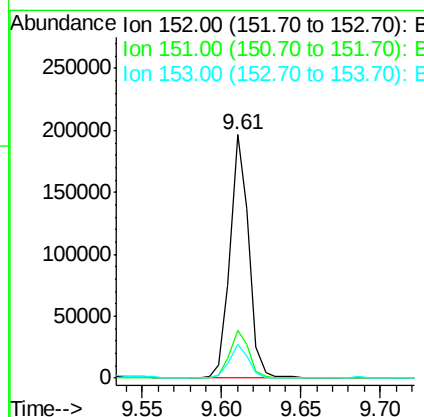
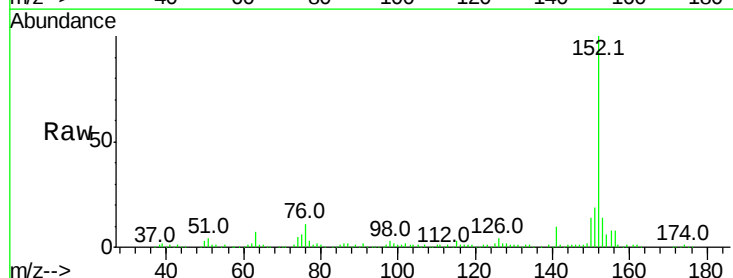
Tgt Ion: 152 Resp: 160973

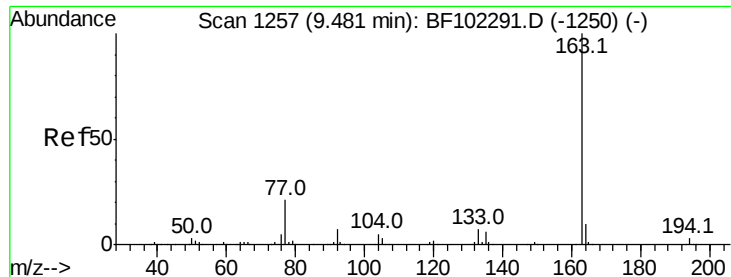
Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 0.117 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.15 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :
BNA_F
ClientSampleId :

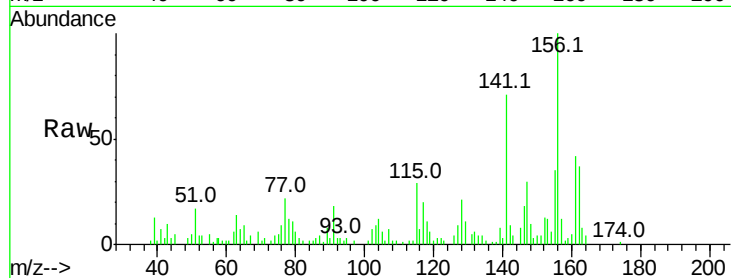
Tot Ion:163 Resp: 2357

Ion Ratio Lower Upper

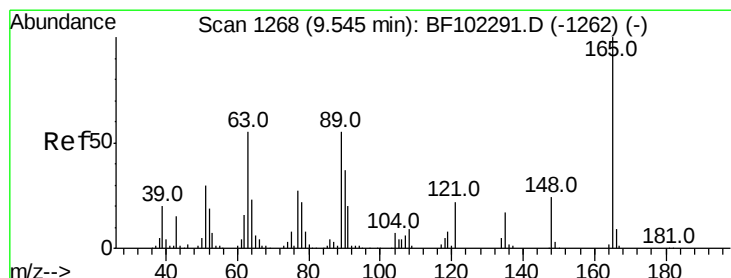
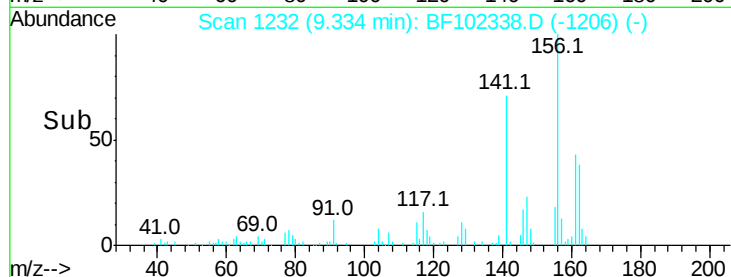
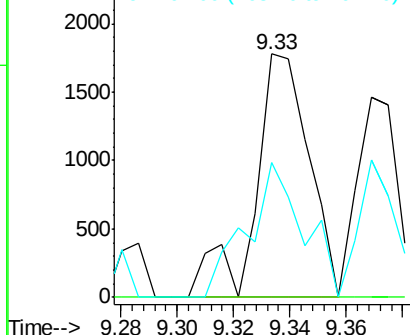
163 100

194 0.0 2.7 4.1#

164 55.3 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: 0.250 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.10 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

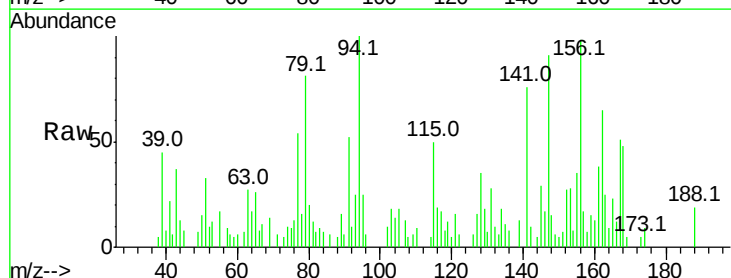
Tgt Ion:165 Resp: 1091

Ion Ratio Lower Upper

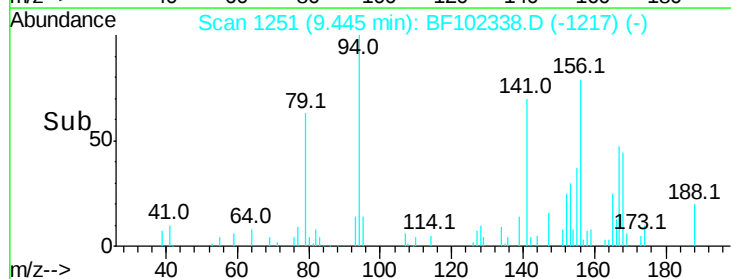
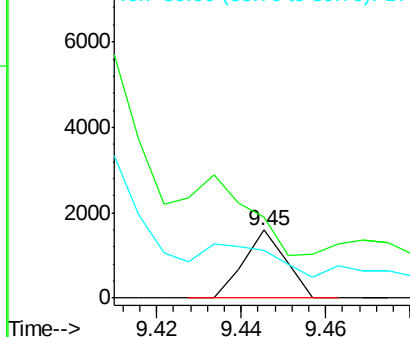
165 100

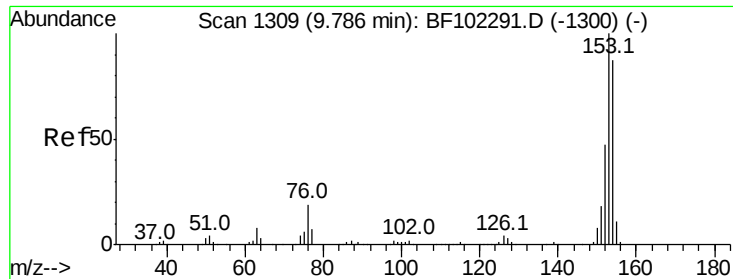
63 119.5 44.7 67.1#

89 70.3 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: 1.568 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

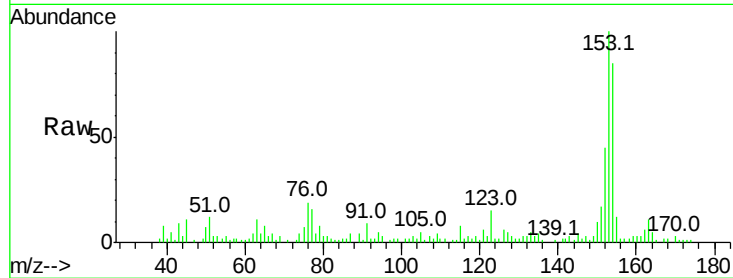
Tot Ion:154 Resp: 24268

Ion Ratio Lower Upper

154 100

153 117.6 91.2 136.8

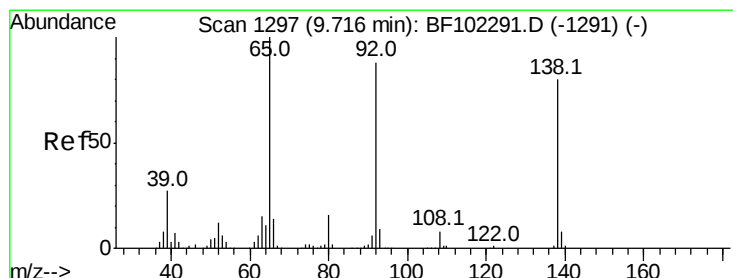
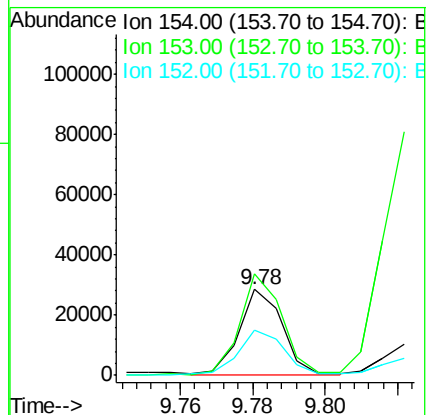
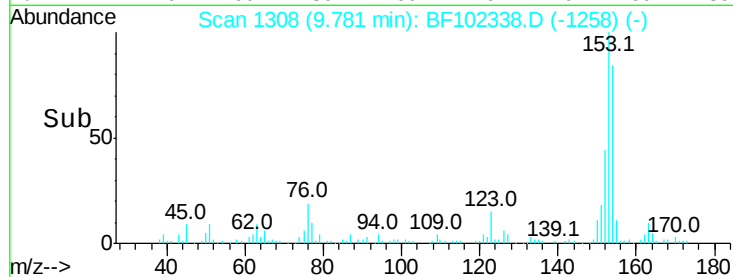
152 53.2 43.8 65.8



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: 0.491 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.03 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

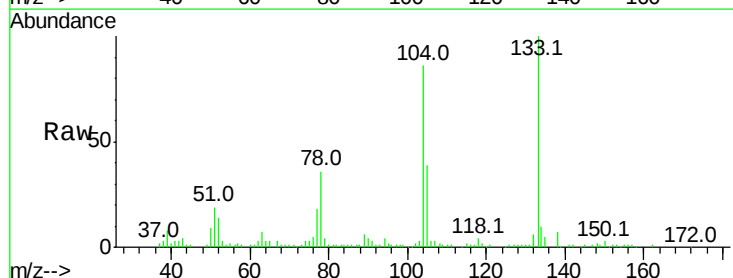
Tgt Ion:138 Resp: 2535

Ion Ratio Lower Upper

138 100

108 31.9 9.4 14.0#

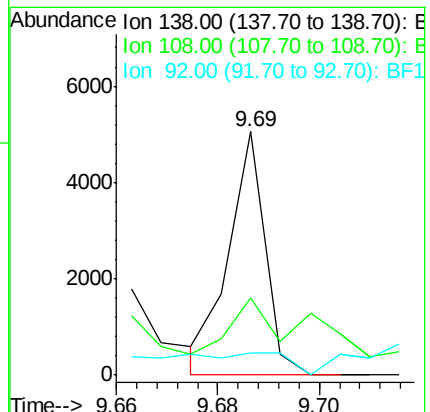
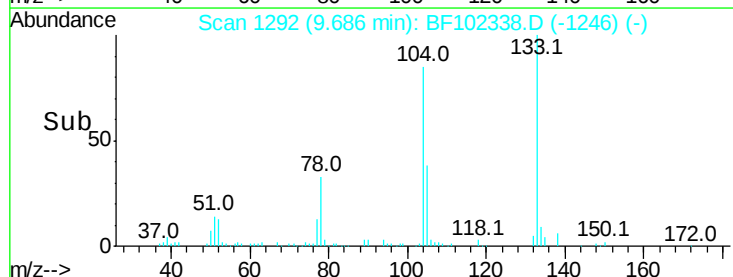
92 9.2 89.4 134.2#

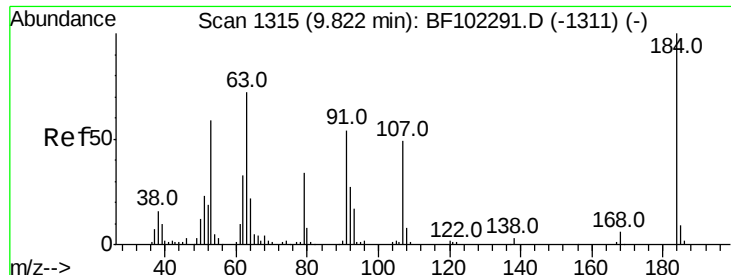


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

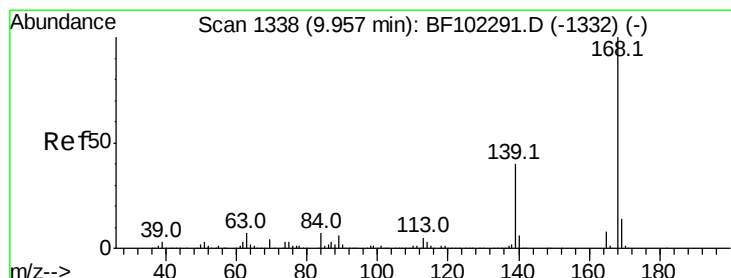
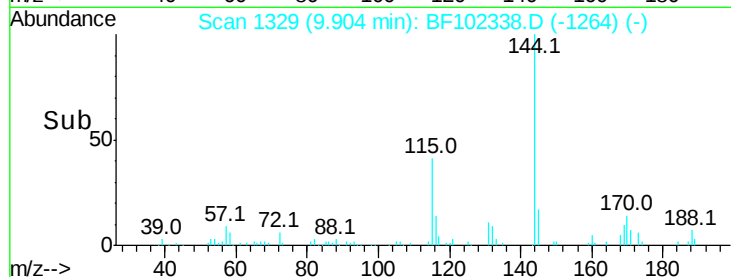
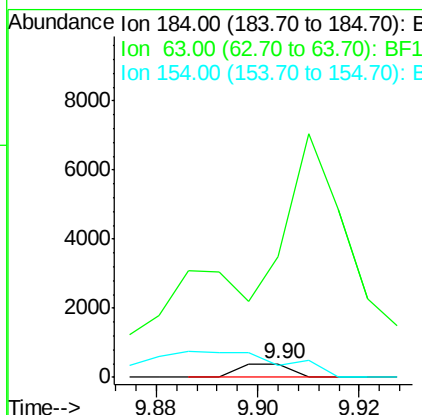
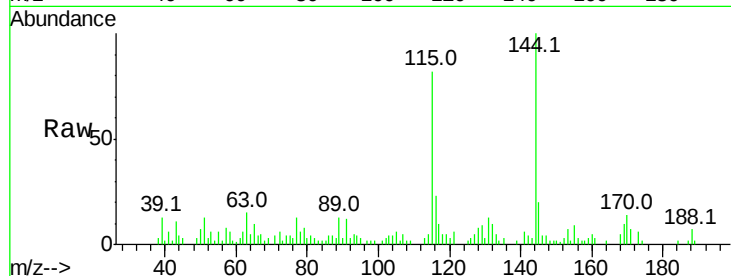




#53
 2,4-Dinitrophenol
 Concen: 3.828 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.08 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

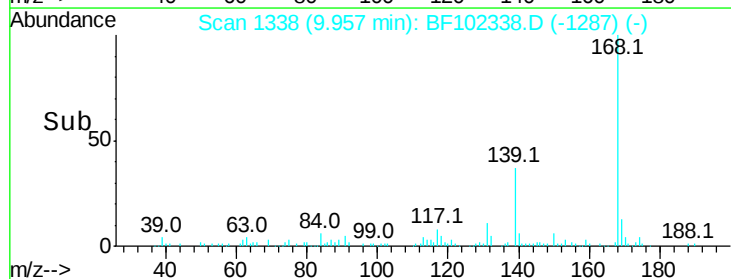
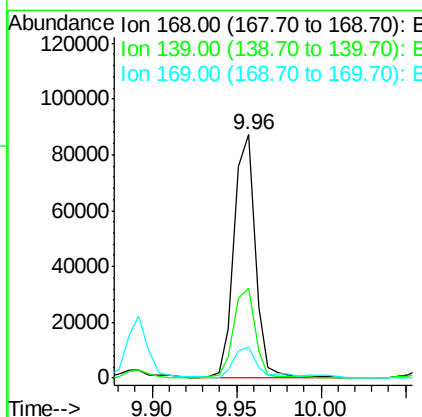
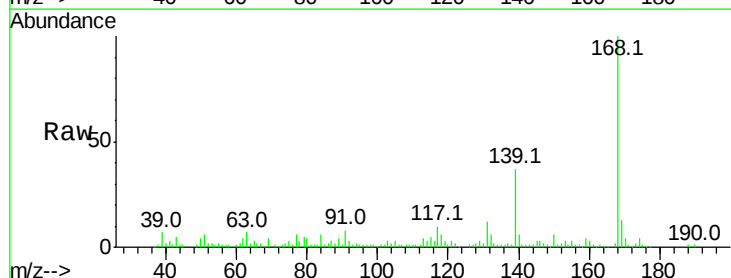
Instrument :
 BNA_F
 ClientSampleId :

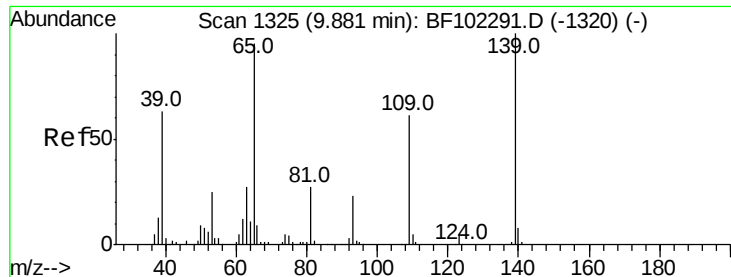
Tot Ion:184 Resp: 272
 Ion Ratio Lower Upper
 184 100
 63 882.4 54.2 81.2#
 154 88.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 3.666 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:168 Resp: 76774
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.1 45.1
 169 13.0 10.9 16.3





#55

4-Nitrophenol

Concen: 0.416 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.18 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

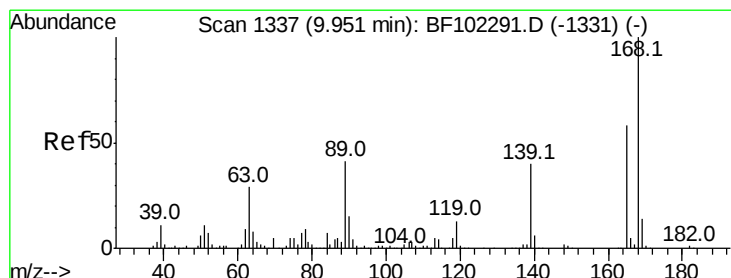
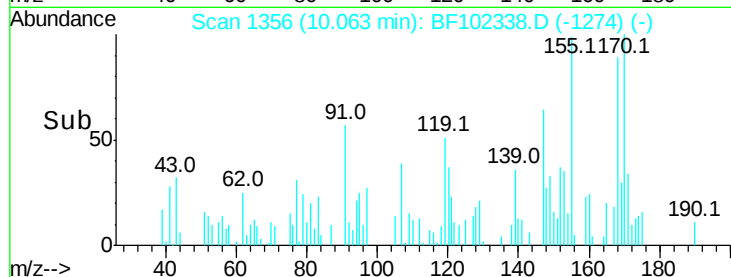
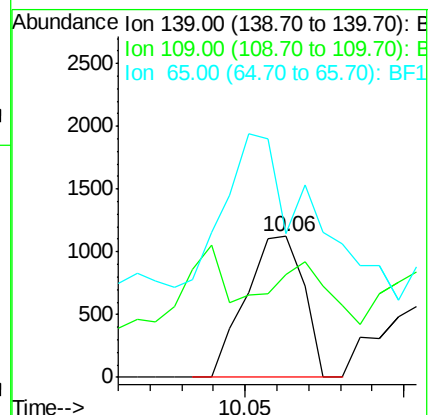
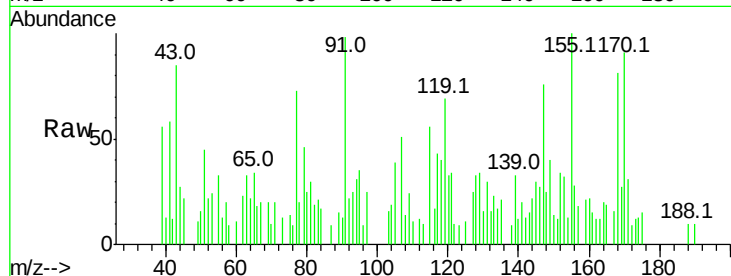
Tot Ion:139 Resp: 1418

Ion Ratio Lower Upper

139 100

109 72.5 48.4 88.4

65 101.9 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 6.002 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Tgt Ion:165 Resp: 32181

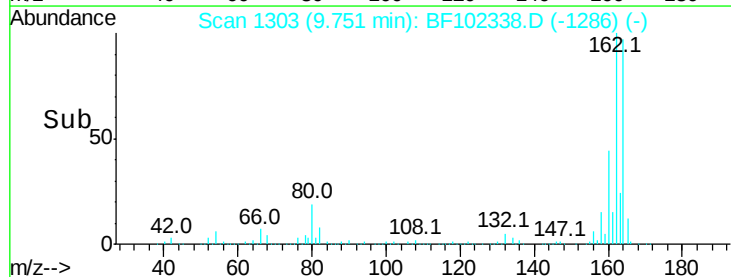
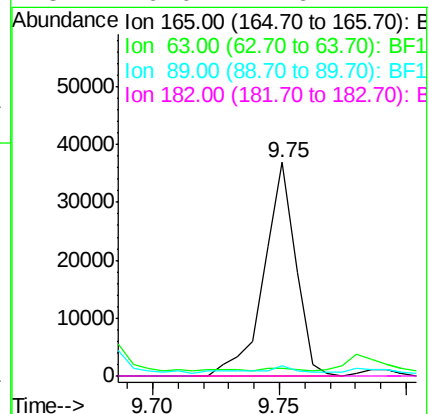
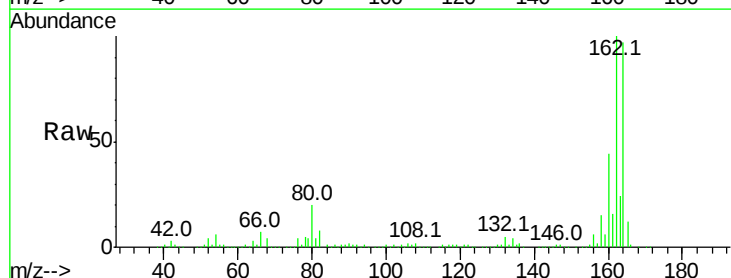
Ion Ratio Lower Upper

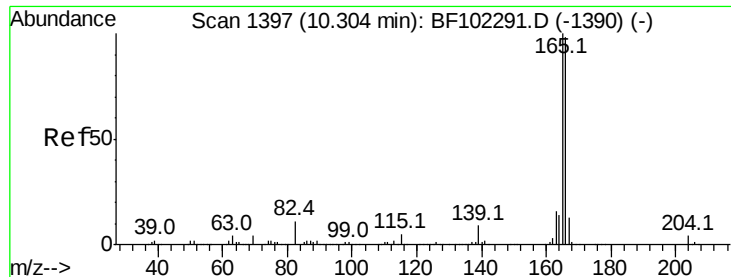
165 100

63 3.5 36.4 54.6#

89 4.6 57.8 86.6#

182 0.0 1.6 2.4#





#57

Fluorene

Concen: 7.813 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

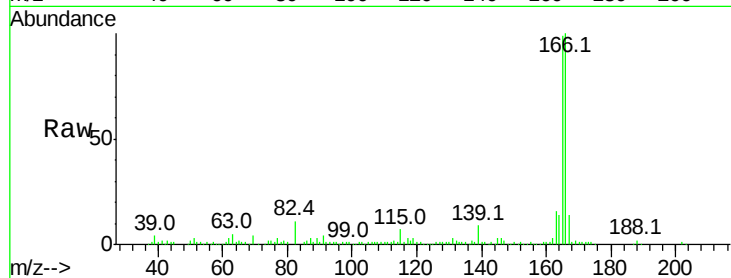
Tot Ion:166 Resp: 129652

Ion Ratio Lower Upper

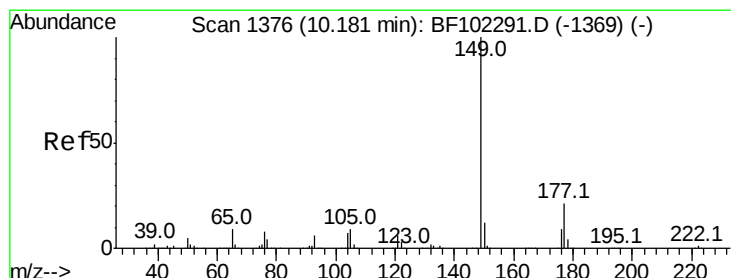
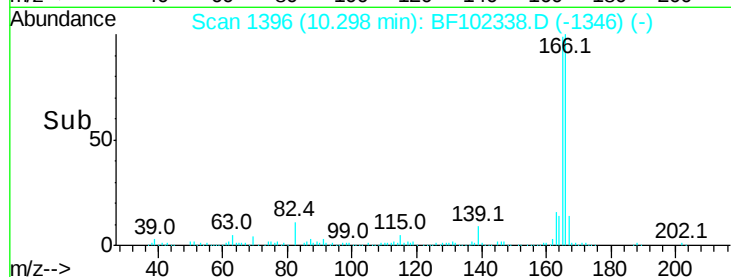
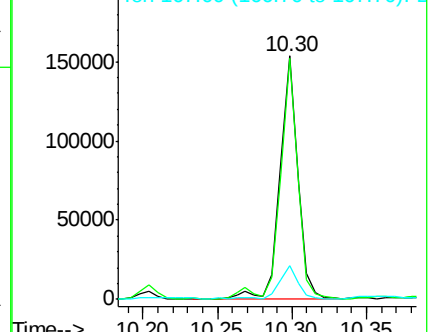
166 100

165 99.3 79.8 119.8

167 14.1 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: 0.485 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

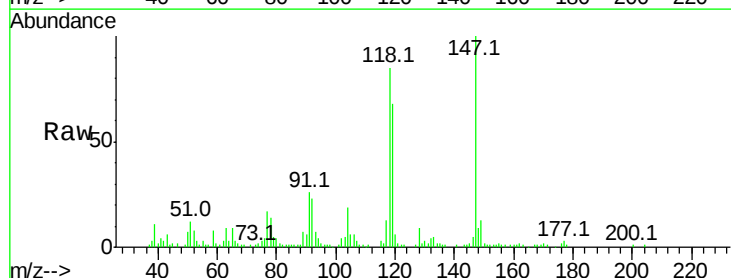
Tgt Ion:149 Resp: 9535

Ion Ratio Lower Upper

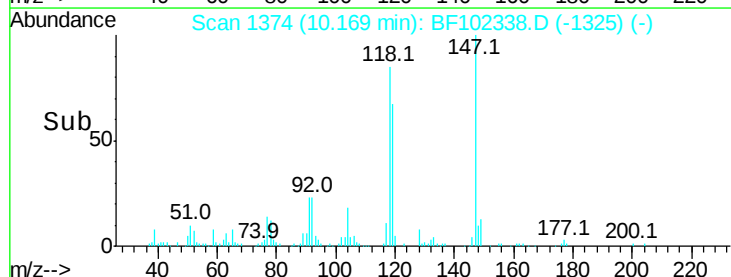
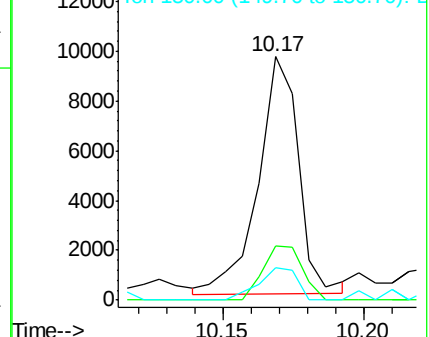
149 100

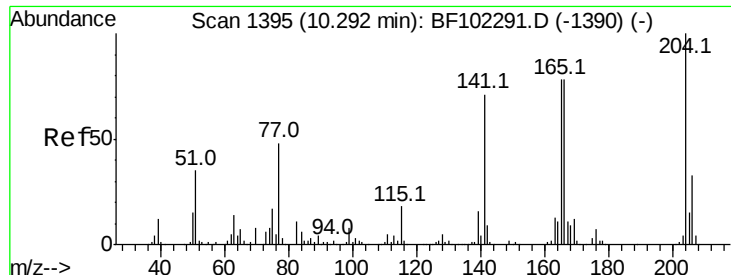
177 22.4 16.1 24.1

150 13.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

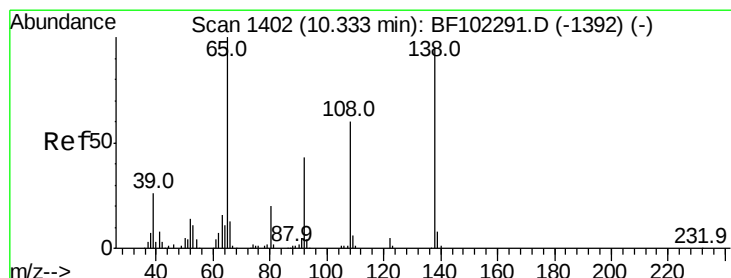
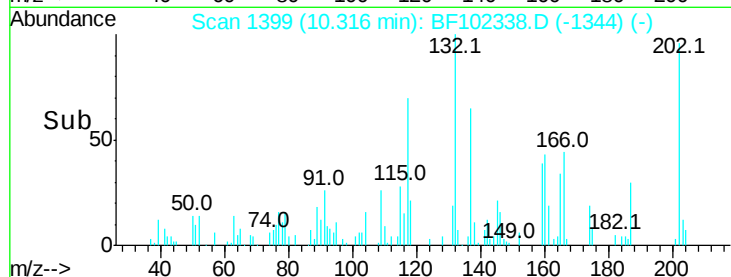
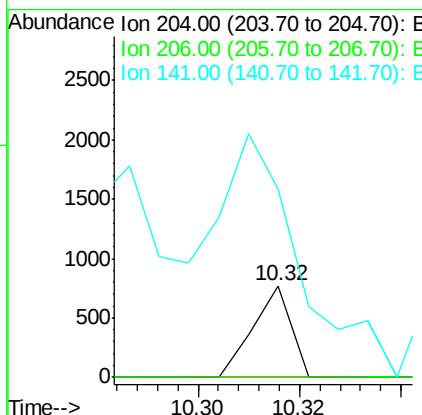
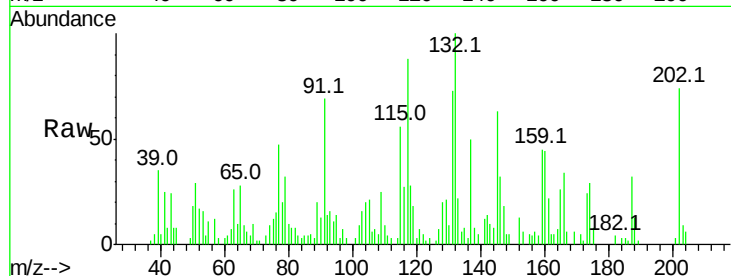




#60
 4-Chlorophenyl-phenylether
 Concen: 0.056 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.02 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

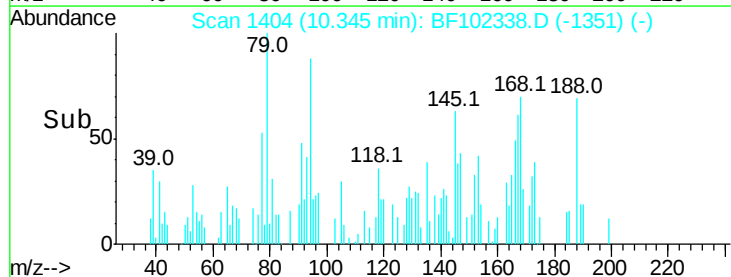
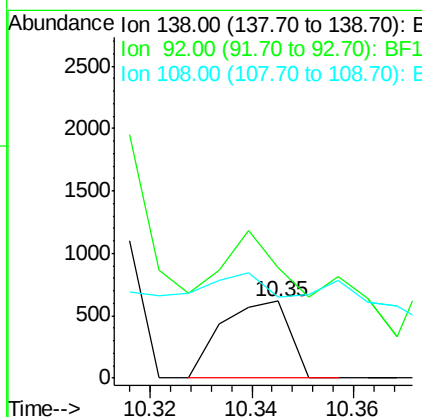
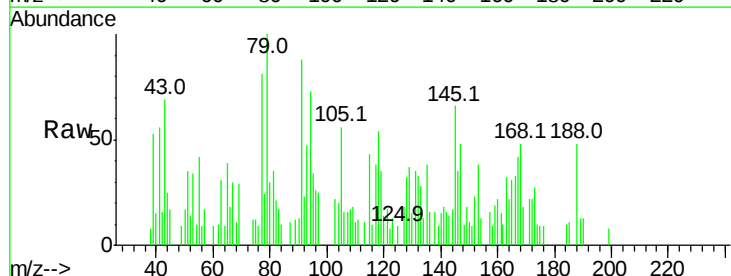
Instrument :
 BNA_F
 ClientSampleId :

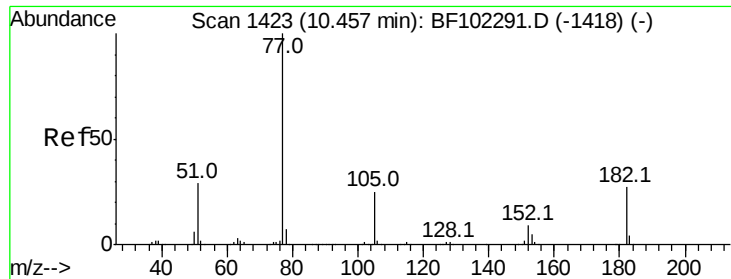
Tot Ion:204 Resp: 400
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 205.7 54.6 81.8#



#61
 4-Nitroaniline
 Concen: 0.111 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:138 Resp: 569
 Ion Ratio Lower Upper
 138 100
 92 143.7 30.2 70.2#
 108 104.7 52.5 92.5#





#62

Azobenzene

Concen: 0.175 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 3141

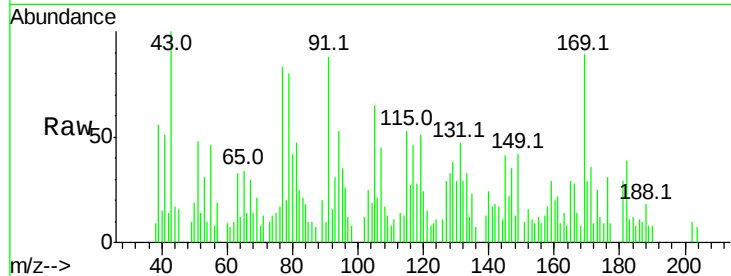
Ion Ratio Lower Upper

77 100

182 46.8 1.7 41.7#

105 78.3 3.0 43.0#

51 57.3 9.9 49.9#

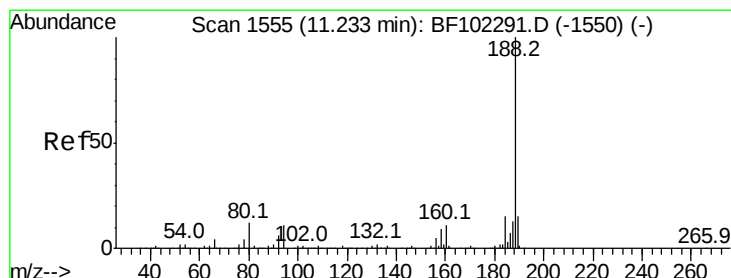
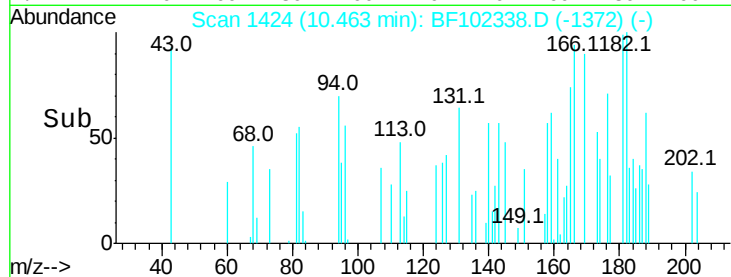
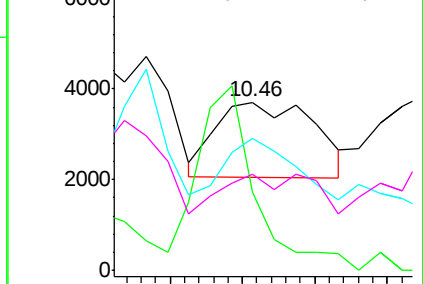


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF102338.D

Acq: 23 Jan 2018 11:50

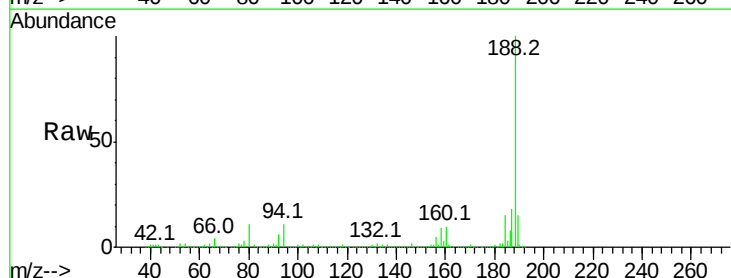
Tgt Ion: 188 Resp: 433672

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

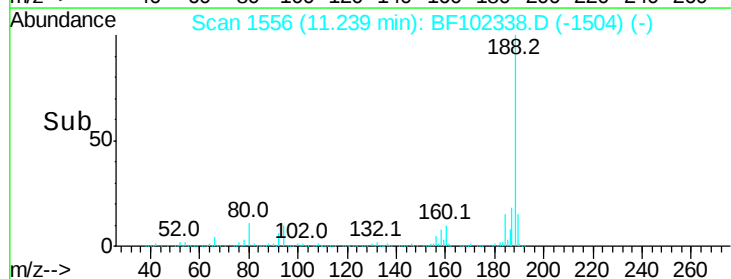
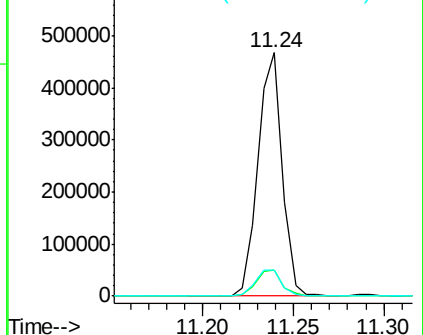
80 10.8 9.2 13.8

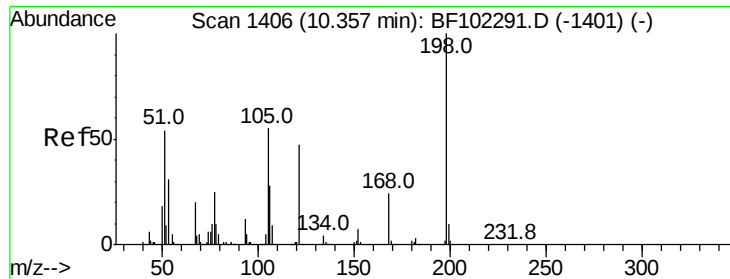


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 0.202 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

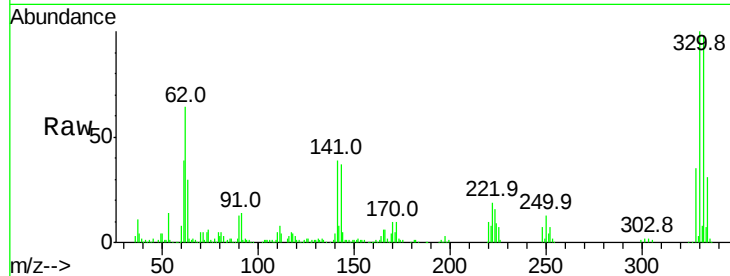
Tot Ion:198 Resp: 583

Ion Ratio Lower Upper

198 100

51 418.7 37.7 77.7#

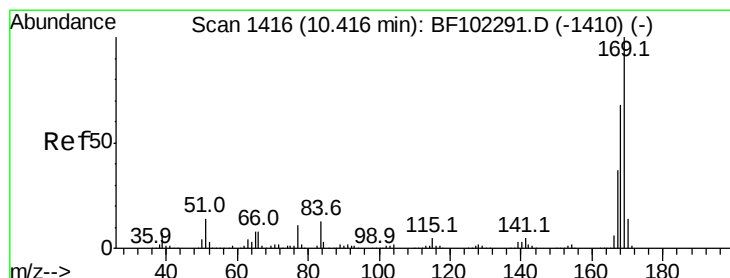
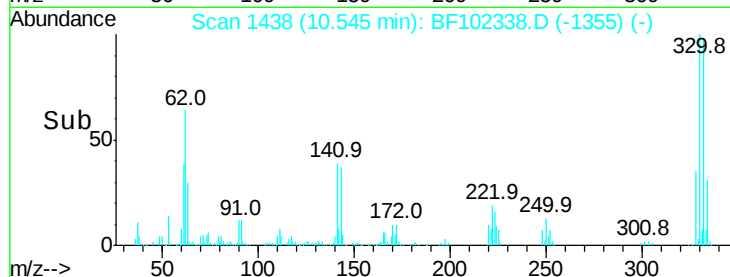
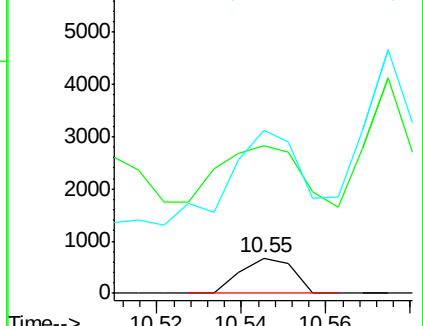
105 460.7 36.3 76.3#



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: 0.209 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.22 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

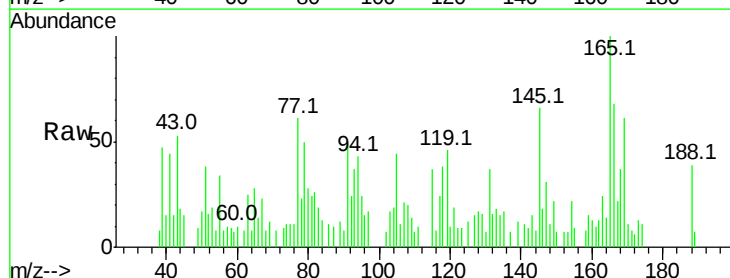
Tgt Ion:169 Resp: 3325

Ion Ratio Lower Upper

169 100

168 60.9 54.4 81.6

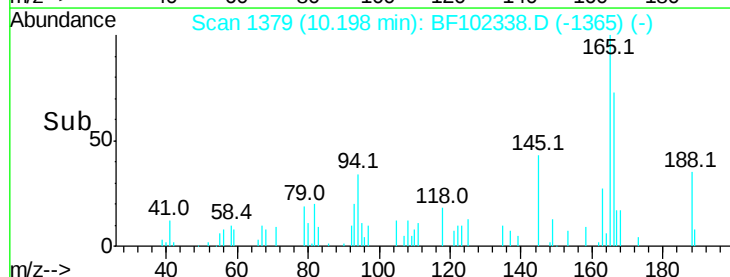
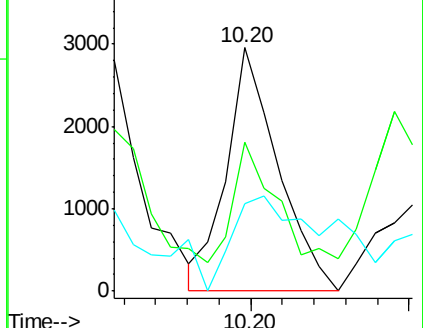
167 36.0 29.8 44.6

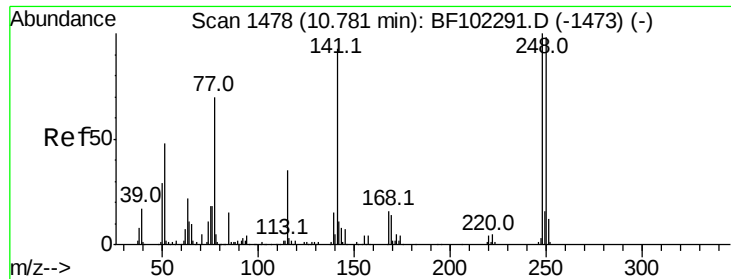


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

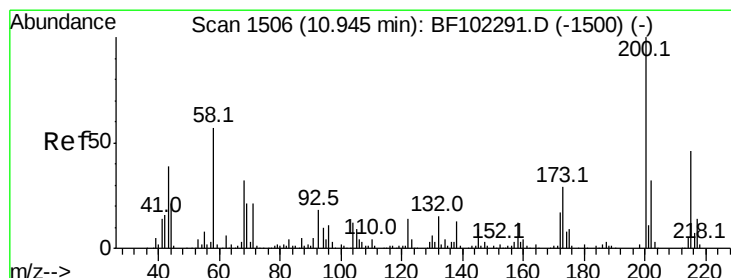
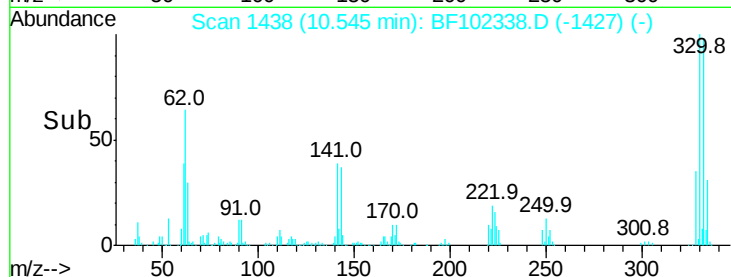
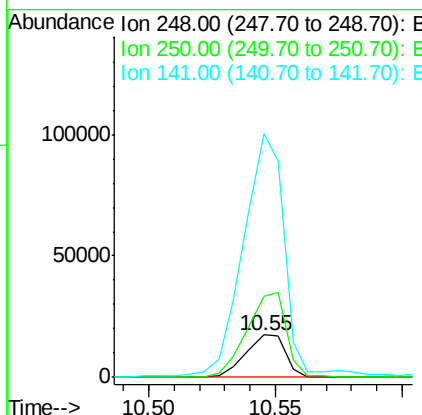
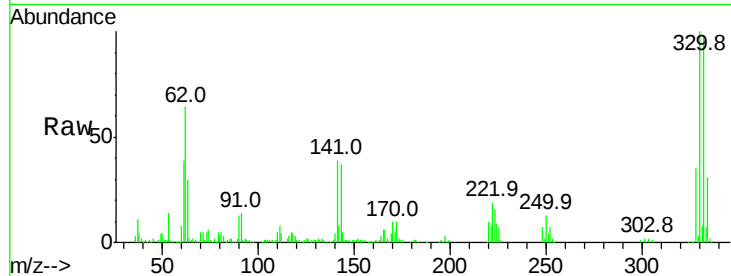




#66
 4-Bromophenyl-phenylether
 Concen: 4.157 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

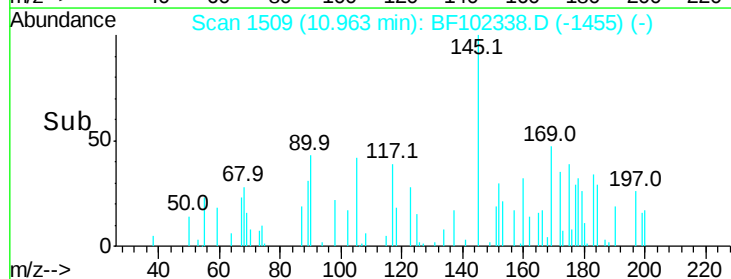
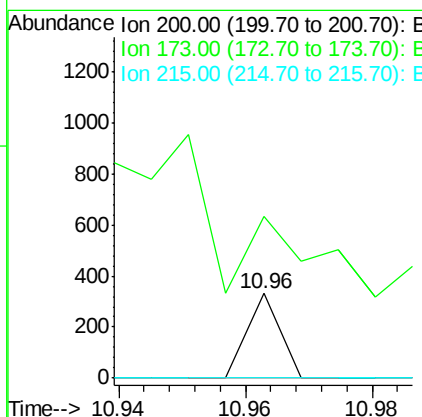
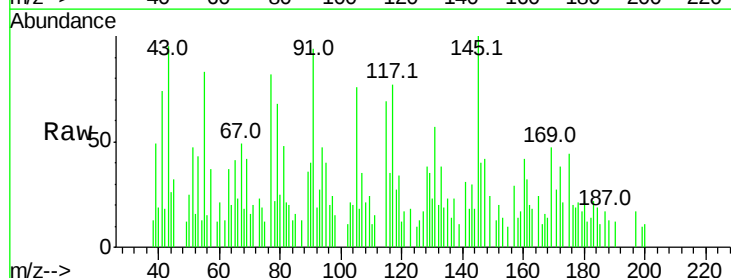
Instrument :
 BNA_F
 ClientSampleId :

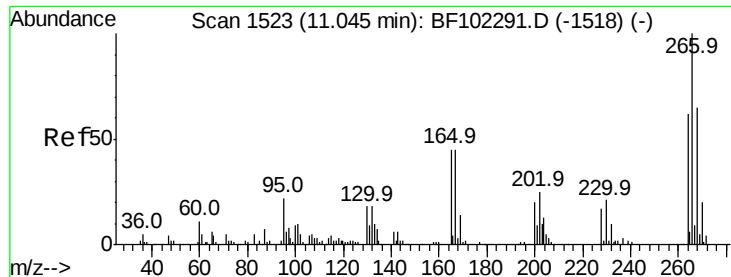
Tot Ion:248 Resp: 19406
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 573.5 74.4 111.6#



#68
 Atrazine
 Concen: 0.025 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.02 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:200 Resp: 117
 Ion Ratio Lower Upper
 200 100
 173 191.8 8.6 48.6#
 215 0.0 25.1 65.1#

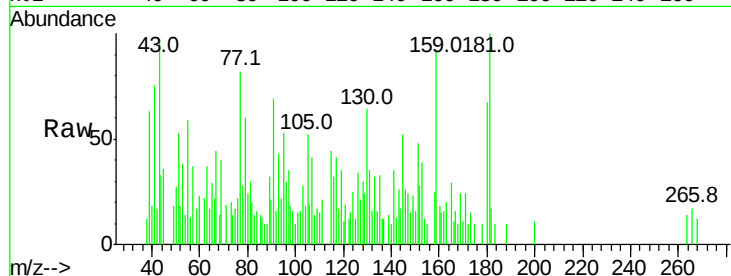




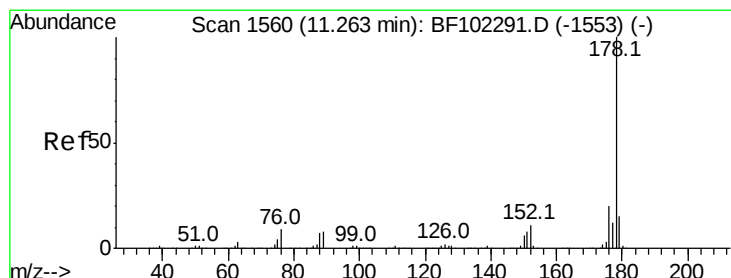
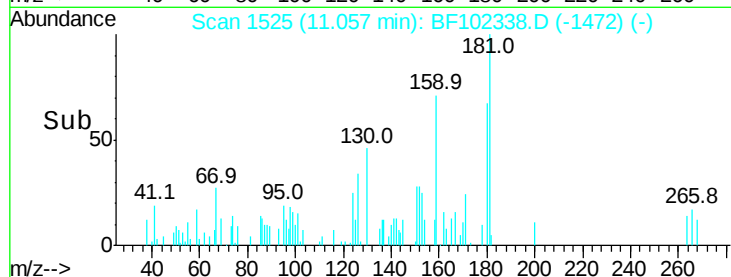
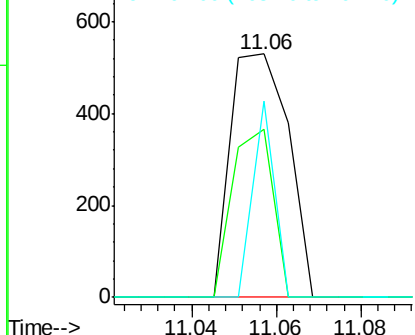
#69
 Pentachlorophenol
 Concen: 0.184 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 505
 Ion Ratio Lower Upper
 266 100
 268 69.1 51.1 76.7
 264 80.8 49.5 74.3#

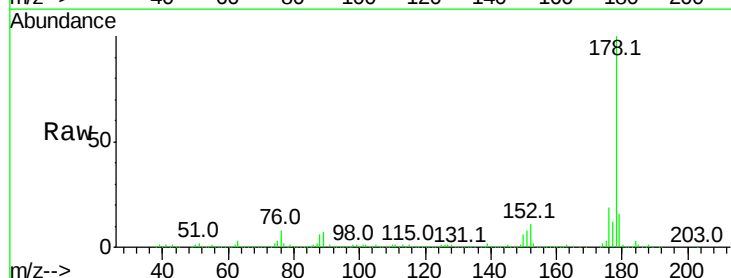


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

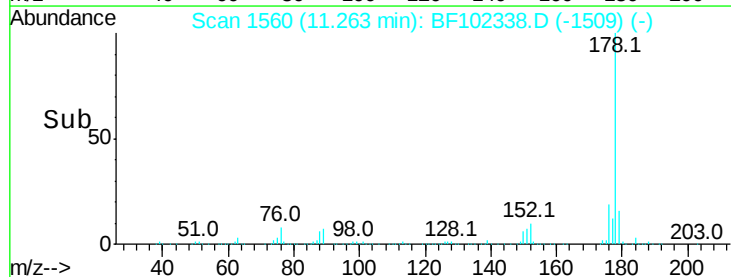
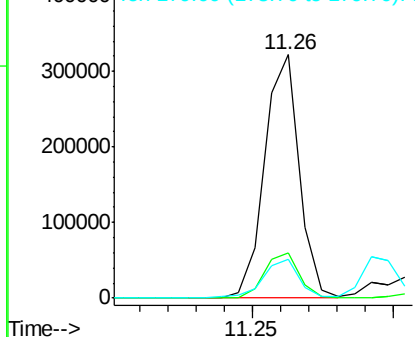


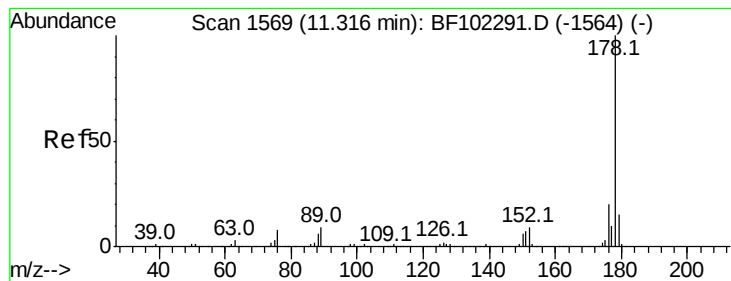
#70
 Phenanthrene
 Concen: 10.817 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:178 Resp: 273363
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.8 13.0 19.6



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





#71

Anthracene

Concen: 10.598 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.05 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

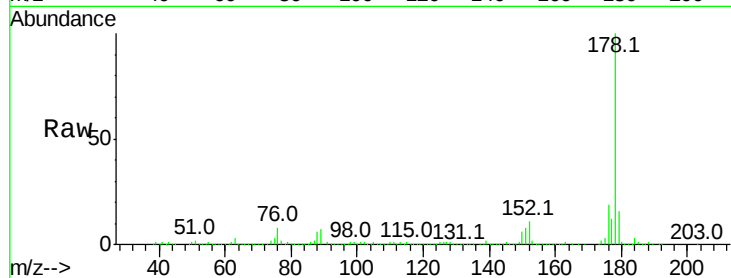
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 273363

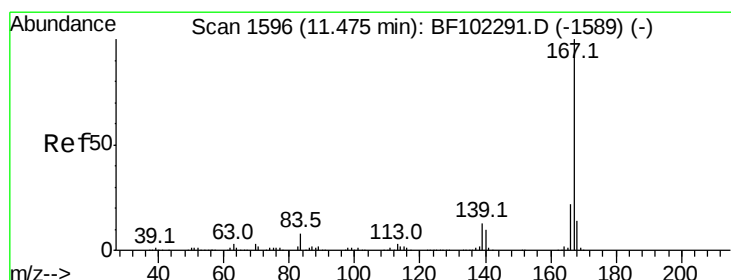
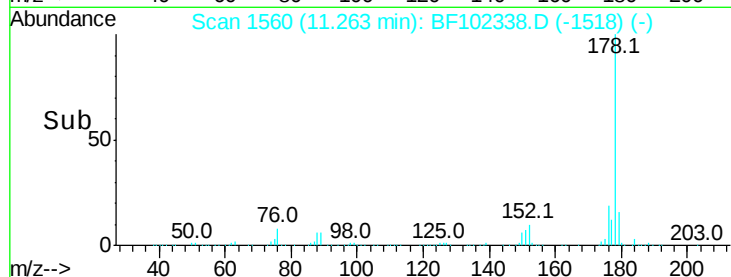
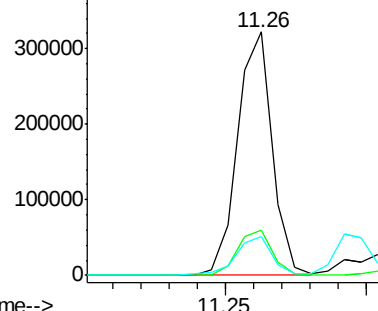
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 20.675 ng

RT: 11.47 min Scan# 1596

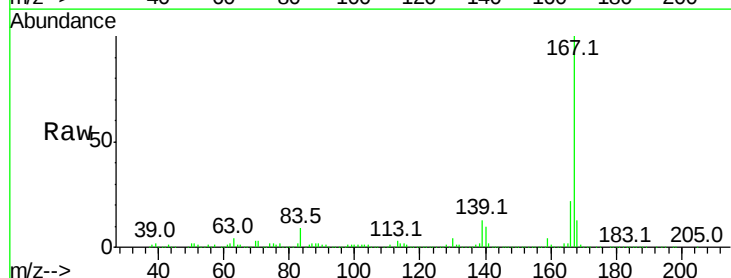
Delta R.T. -0.00 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Tgt Ion:167 Resp: 520276

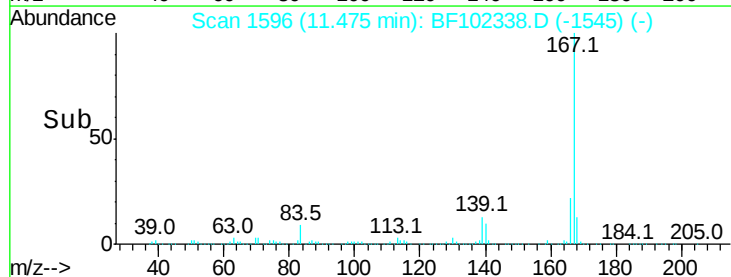
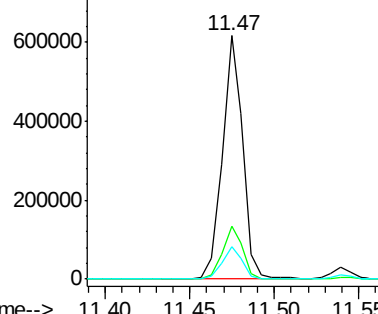
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.1	10.9	16.3

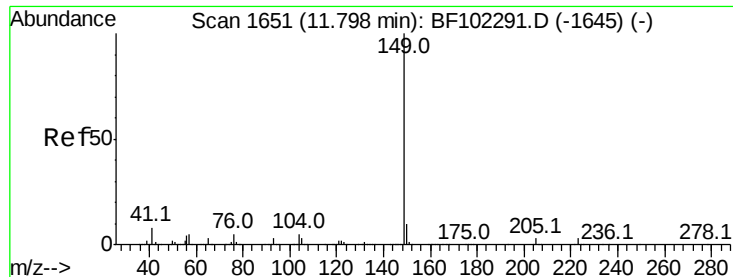


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

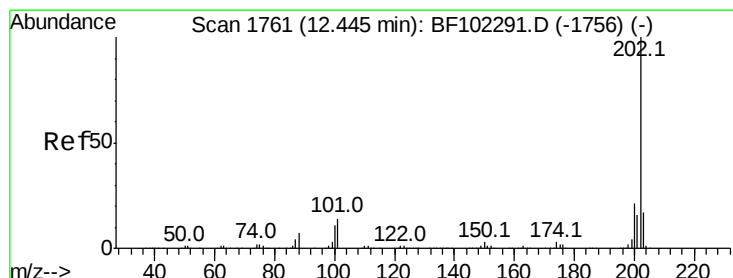
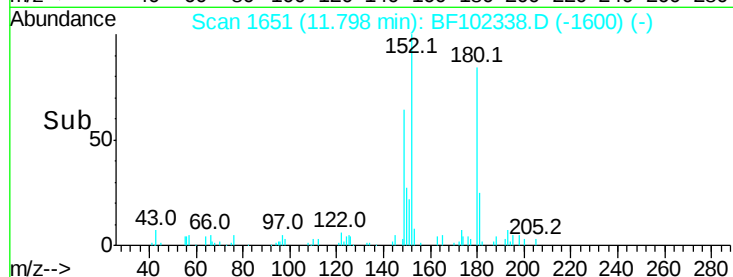
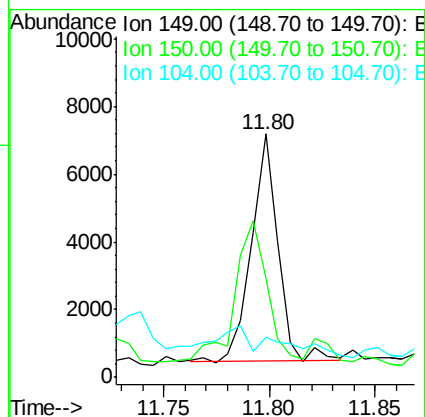
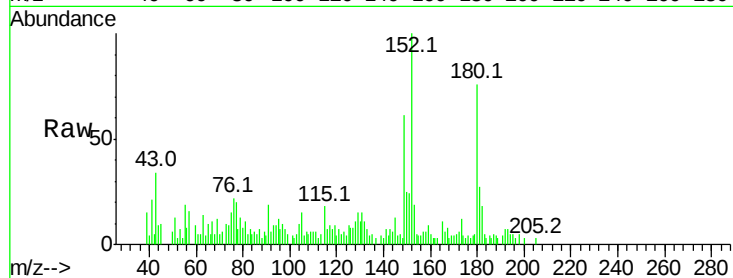




#73
Di-n-butylphthalate
Concen: 0.187 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

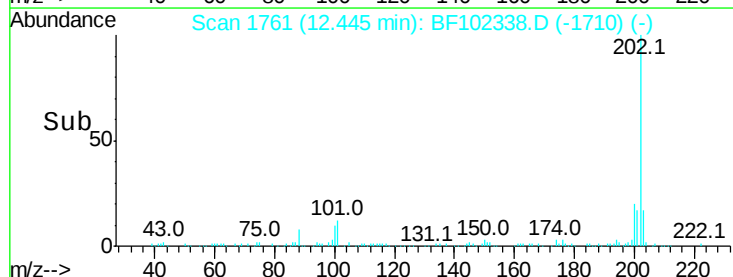
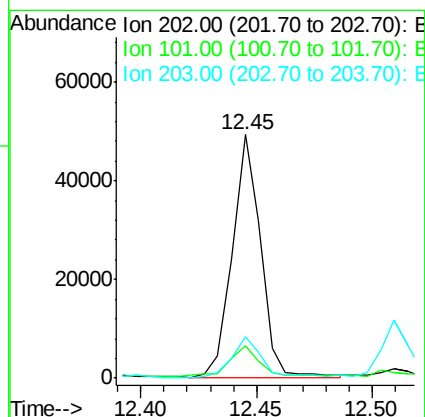
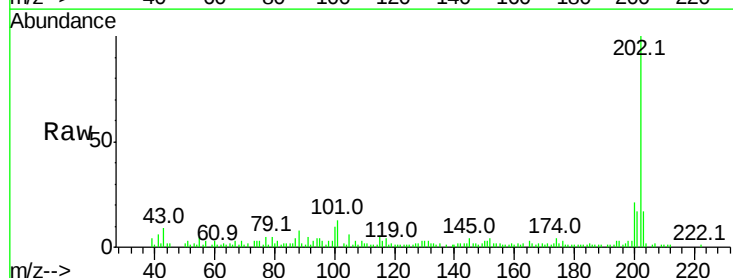
Instrument :
BNA_F
ClientSampleId :

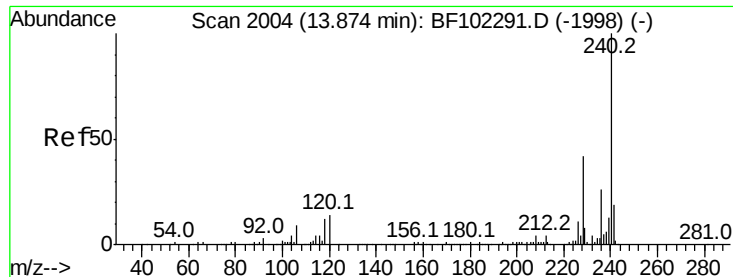
Tot Ion:149 Resp: 5881
Ion Ratio Lower Upper
149 100
150 40.7 7.8 11.6#
104 16.4 3.8 5.8#



#74
Fluoranthene
Concen: 1.657 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion:202 Resp: 42707
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 17.2 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: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

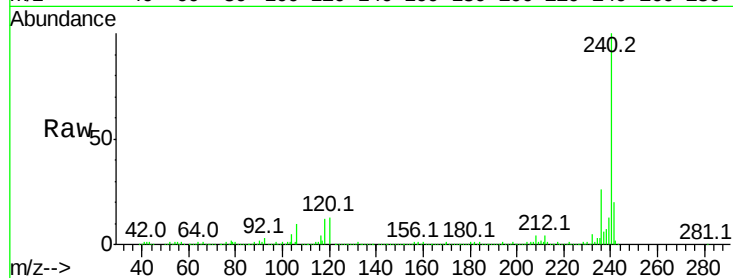
Tot Ion:240 Resp: 371724

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

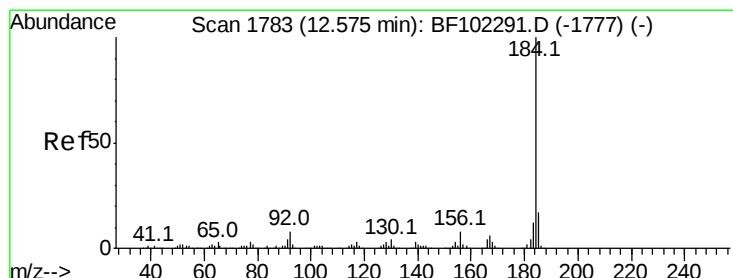
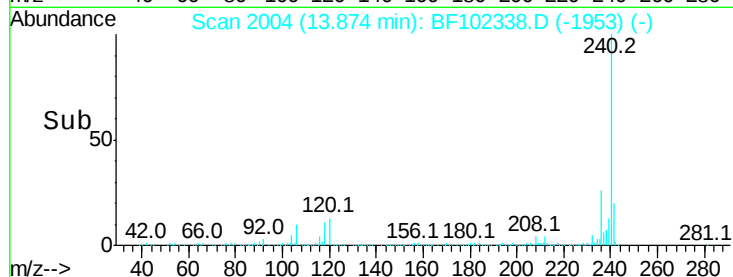
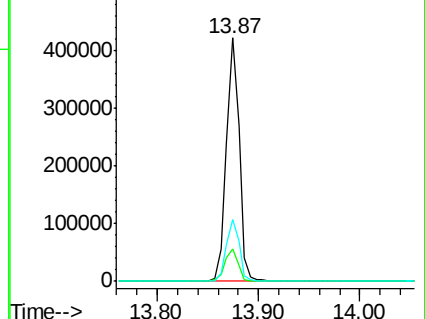
236 25.5 20.7 31.1



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: 1.501 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.25 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

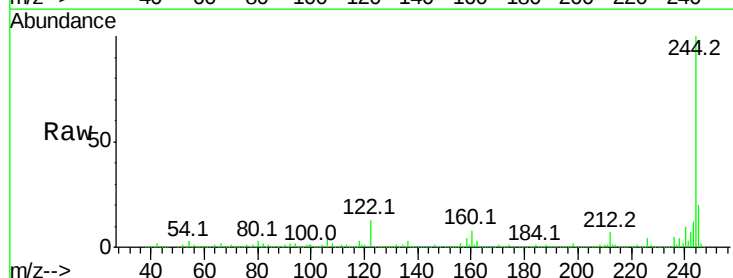
Tgt Ion:184 Resp: 18739

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

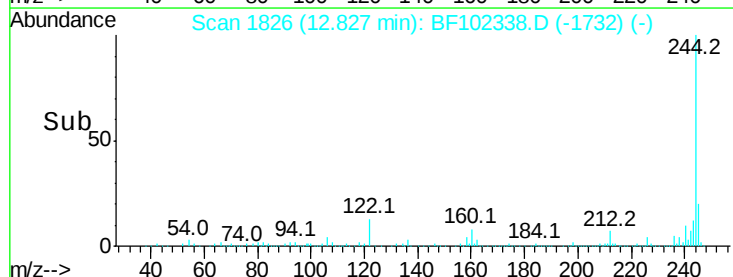
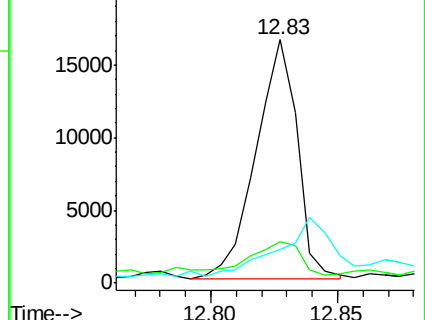
183 13.7 9.3 13.9

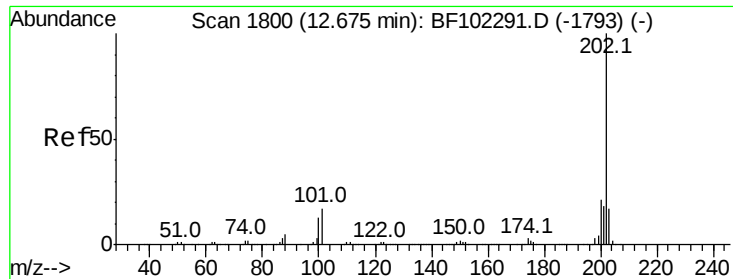


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 1.152 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

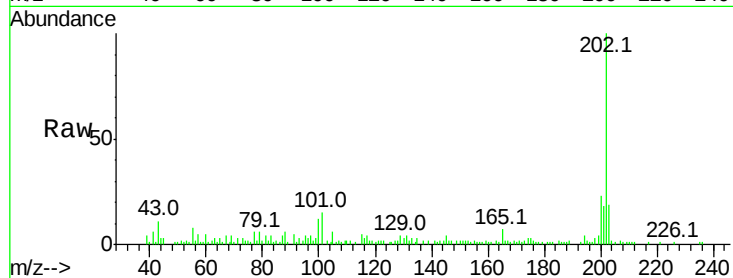
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 33106

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.4	26.2
203	19.3	14.3	21.5

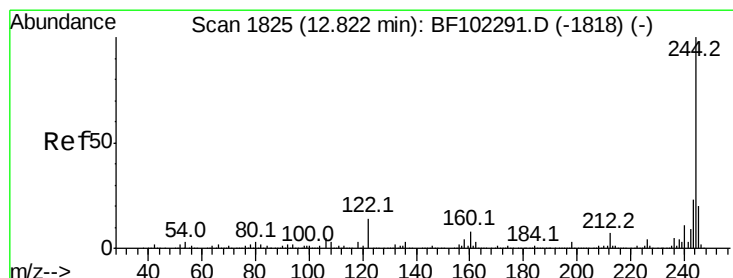
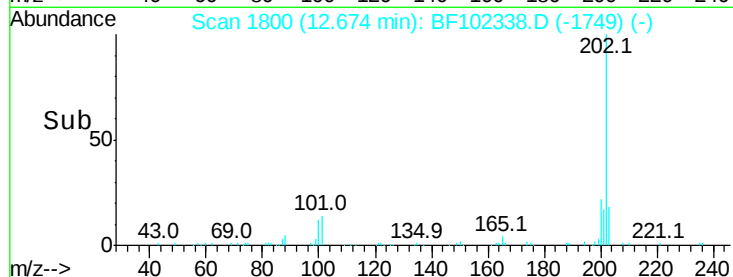
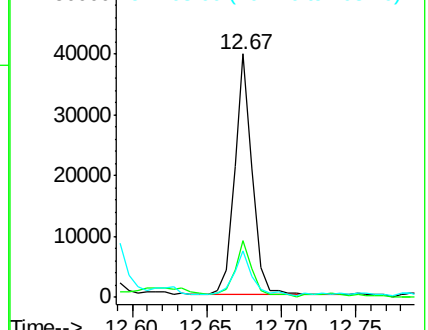


Abundance

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: 85.830 ng

RT: 12.83 min Scan# 1826

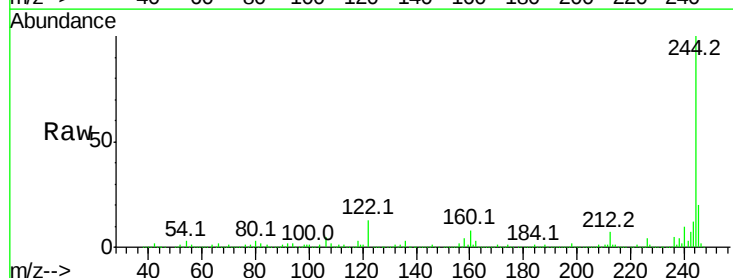
Delta R.T. 0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Tgt Ion:244 Resp: 1415257

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.2	11.0	16.4

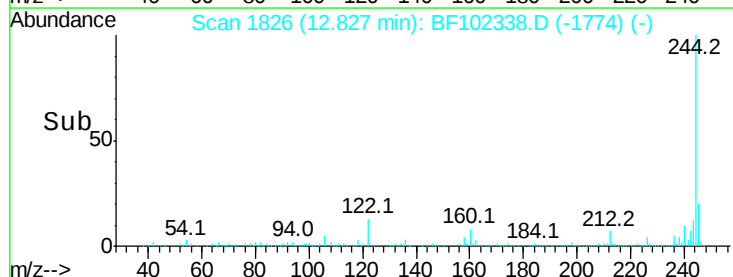
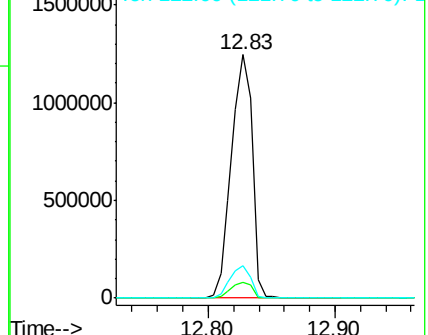


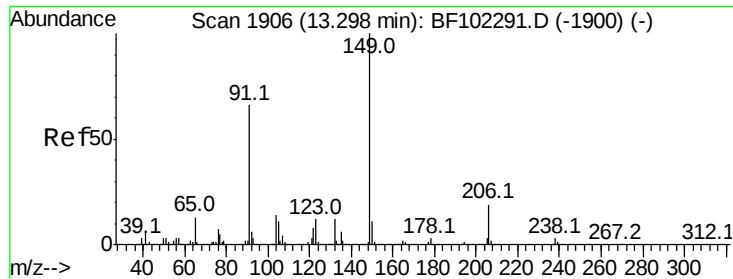
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

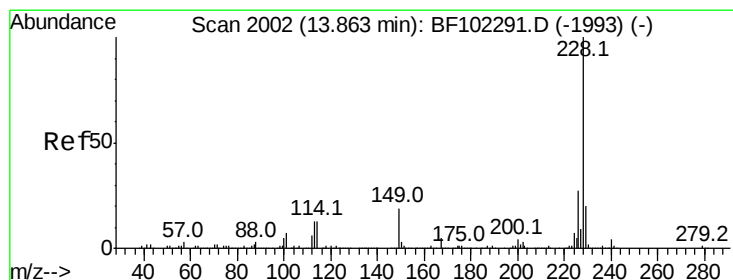
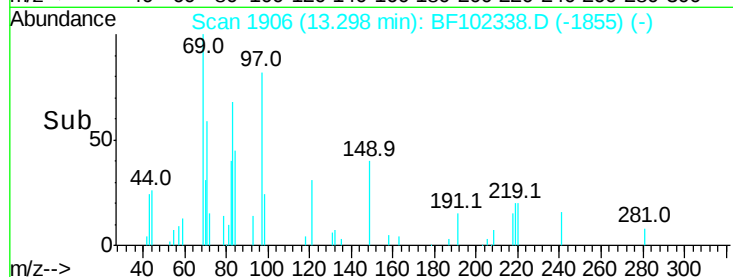
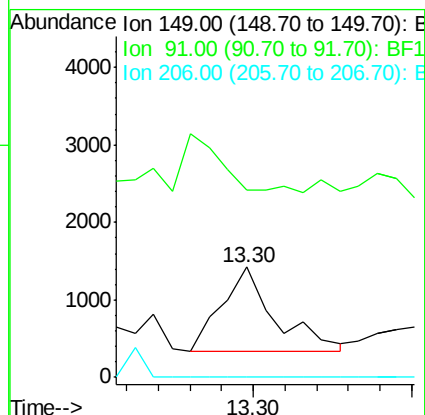
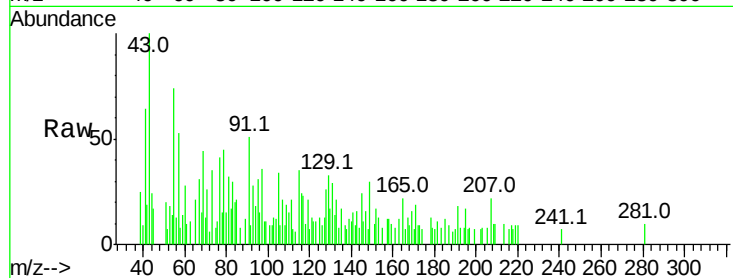




#79
Butylbenzylphthalate
Concen: 0.087 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

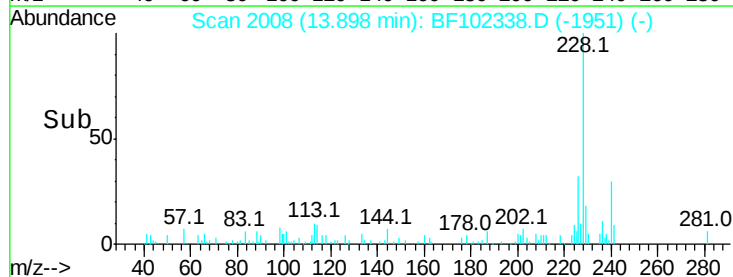
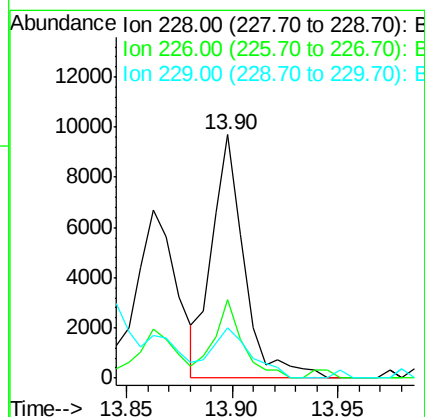
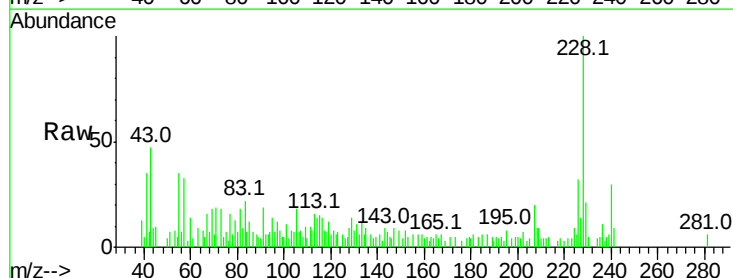
Instrument :
BNA_F
ClientSampleId :

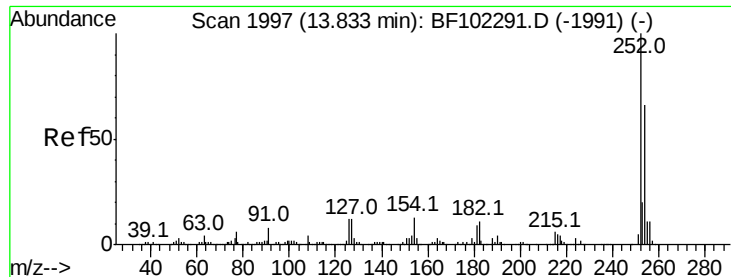
Tot Ion	Ratio	Lower	Upper
149	100		
91	169.5	56.8	85.2#
206	0.0	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 0.449 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	20.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 0.014 ng

RT: 13.59 min Scan# 1955

Delta R.T. -0.25 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampled :

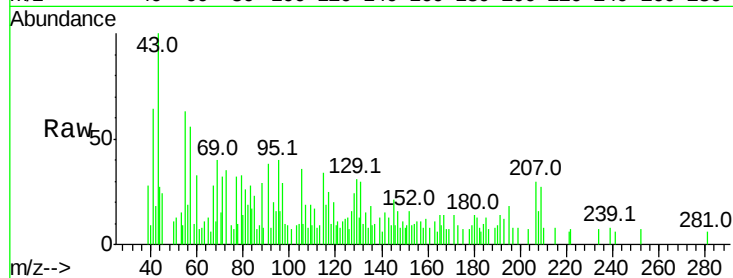
Tot Ion:252 Resp: 118

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

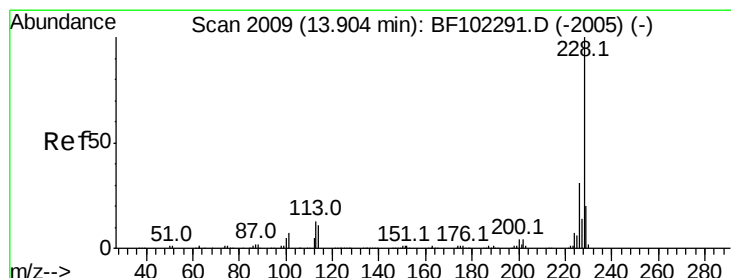
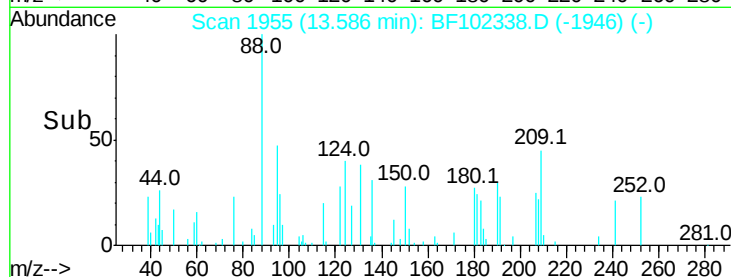
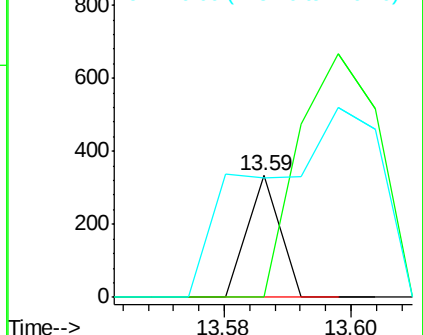
126 98.5 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.442 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

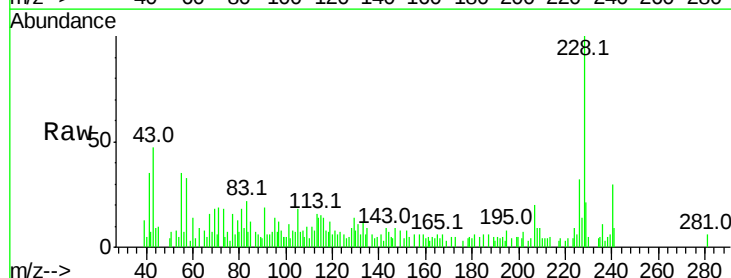
Tgt Ion:228 Resp: 10265

Ion Ratio Lower Upper

228 100

226 32.5 25.0 37.6

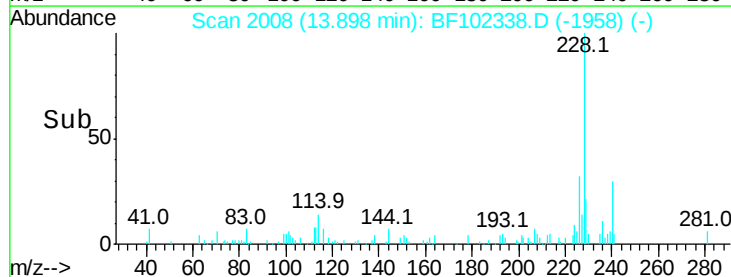
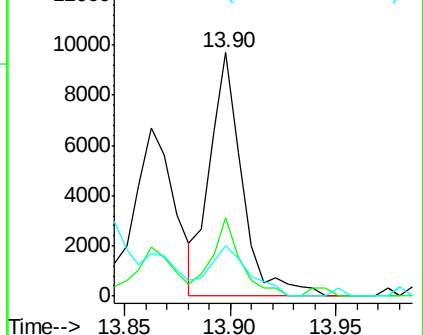
229 20.7 16.2 24.4

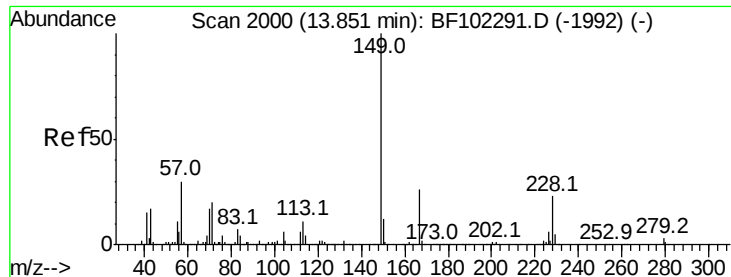


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

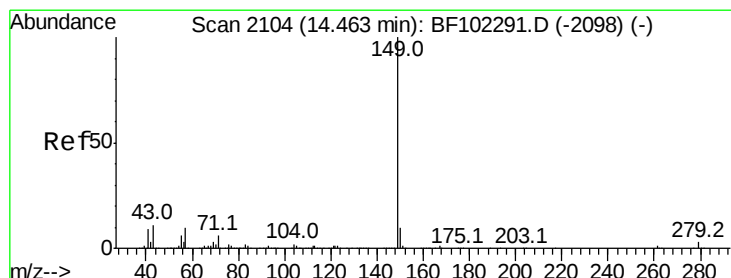
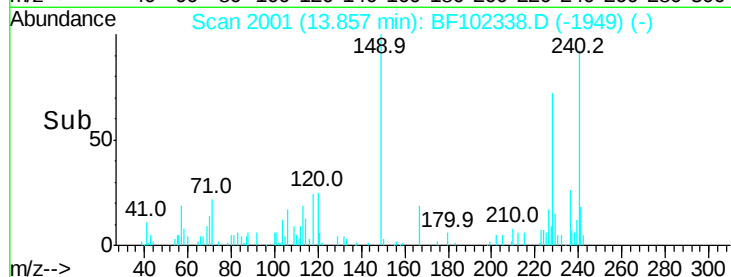
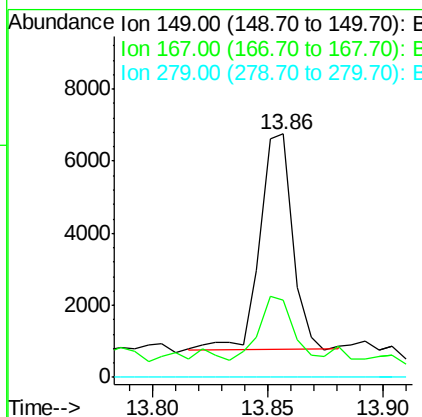
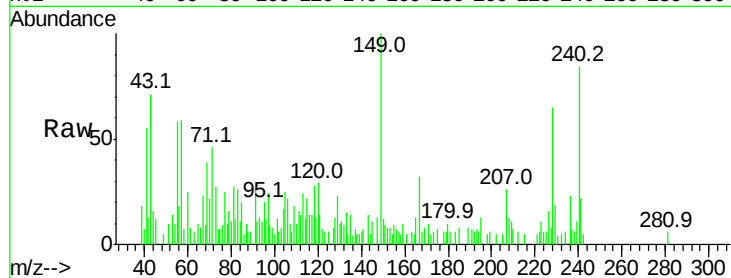




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.309 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

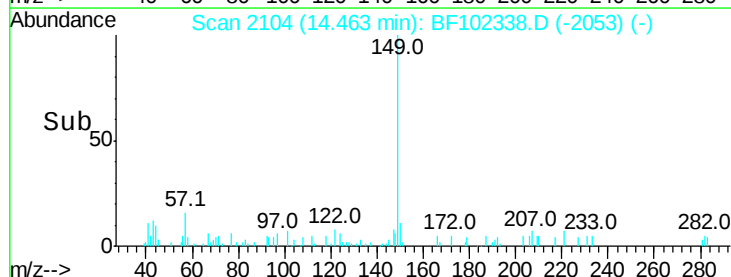
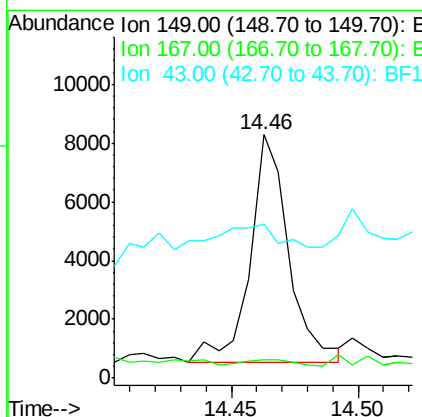
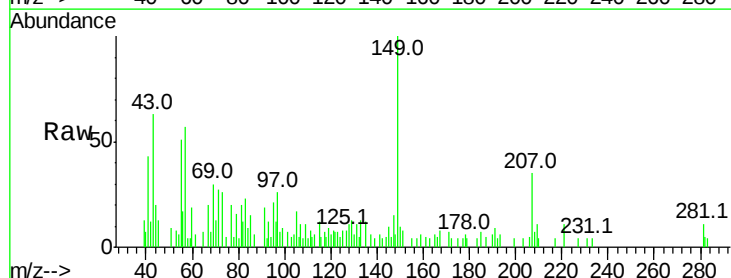
Instrument :
 BNA_F
 ClientSampleId :

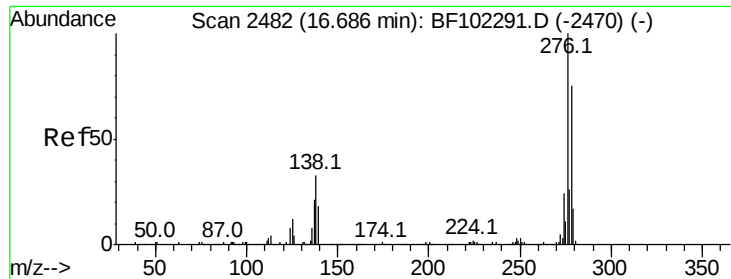
Tot Ion:149 Resp: 5937
 Ion Ratio Lower Upper
 149 100
 167 31.8 21.3 31.9
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.264 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:149 Resp: 8260
 Ion Ratio Lower Upper
 149 100
 167 7.4 1.2 1.8#
 43 15.7 8.4 12.6#

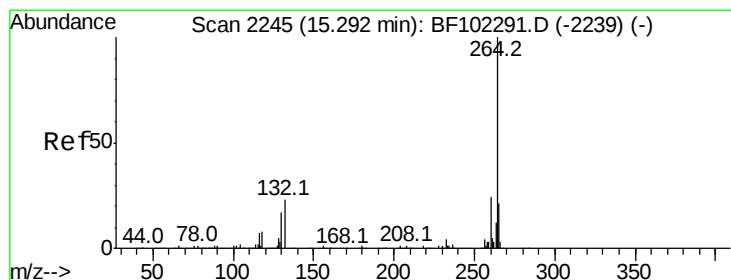
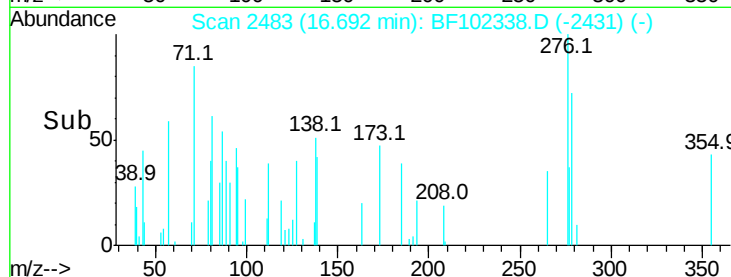
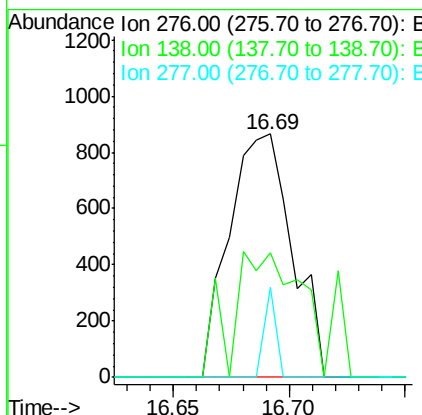
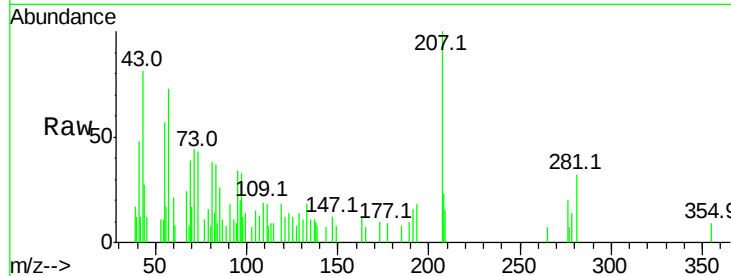




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.086 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

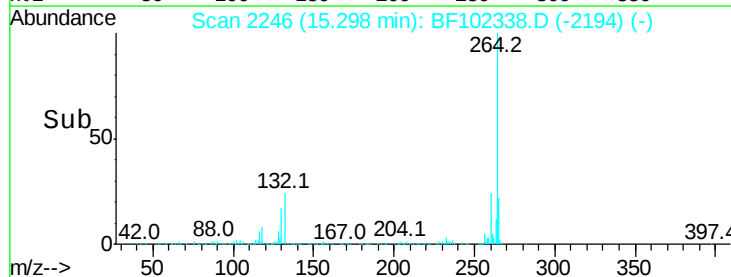
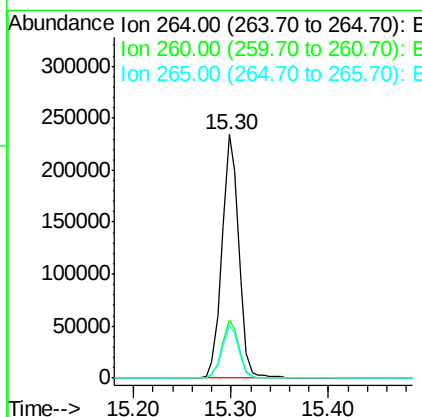
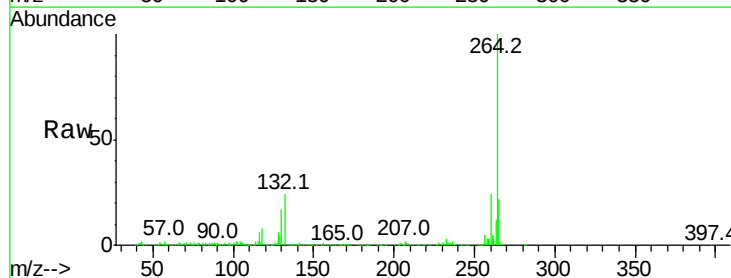
Instrument :
 BNA_F
 ClientSampled :

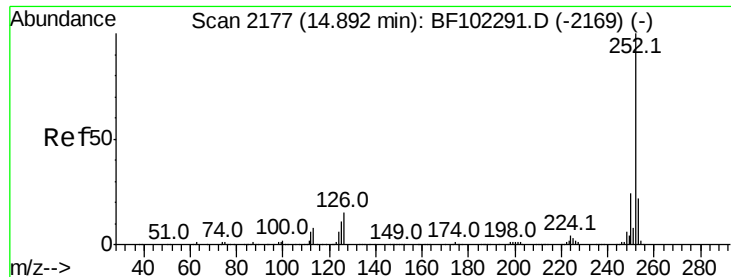
Tot Ion:276 Resp: 1646
 Ion Ratio Lower Upper
 276 100
 138 55.9 25.0 37.6#
 277 6.9 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102338.D
 Acq: 23 Jan 2018 11:50

Tgt Ion:264 Resp: 280284
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.0 17.5 26.3

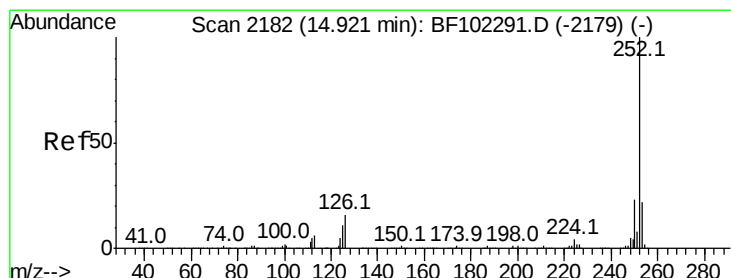
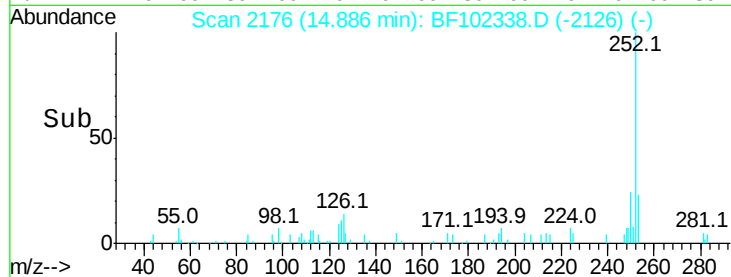
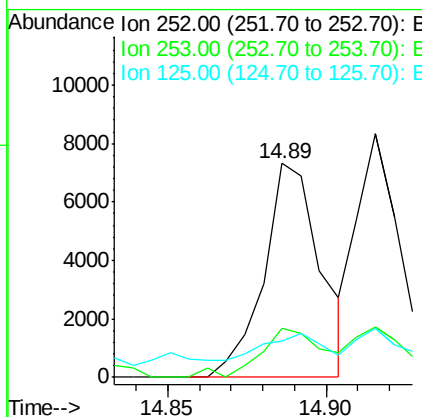
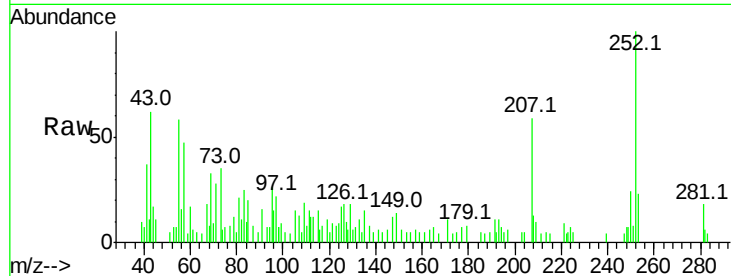




#87
Benzo(b)fluoranthene
Concen: 0.501 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

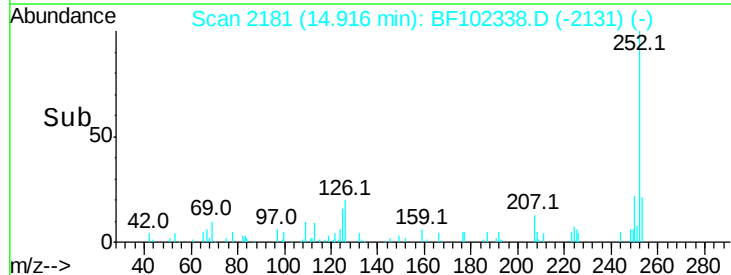
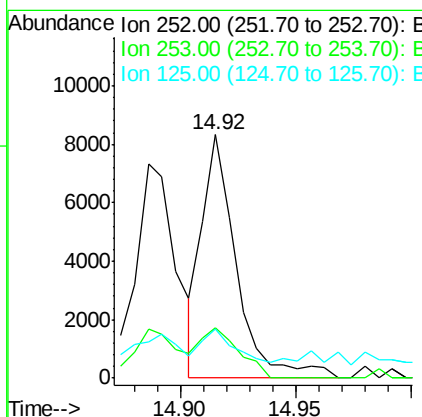
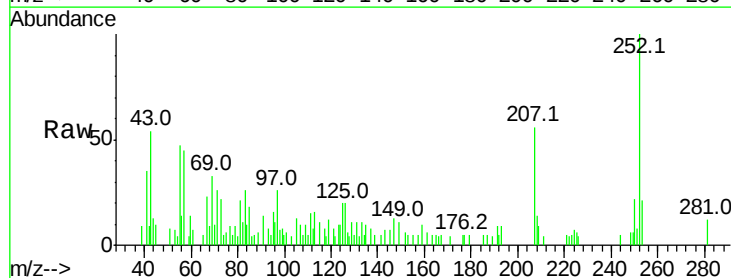
Instrument :
BNA_F
ClientSampleId :

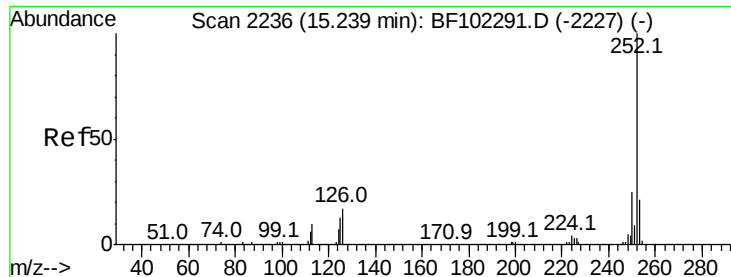
Tot Ion:252 Resp: 9097
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 16.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.503 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102338.D
Acq: 23 Jan 2018 11:50

Tgt Ion:252 Resp: 8634
Ion Ratio Lower Upper
252 100
253 20.6 17.9 26.9
125 20.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.381 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

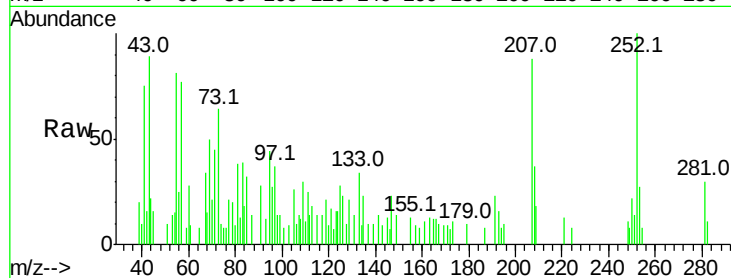
Tot Ion:252 Resp: 6237

Ion Ratio Lower Upper

252 100

253 27.3 17.1 25.7#

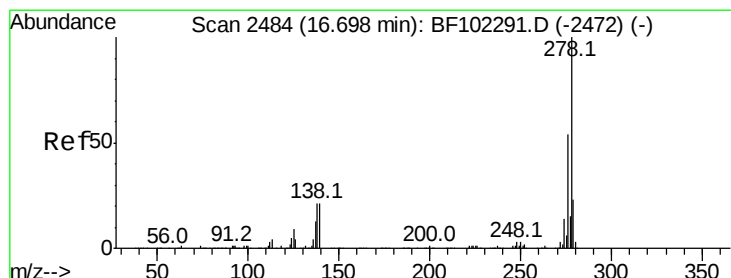
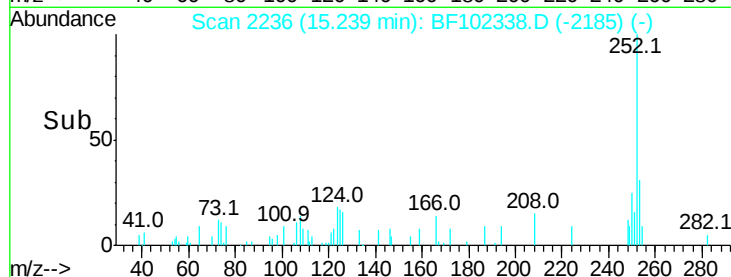
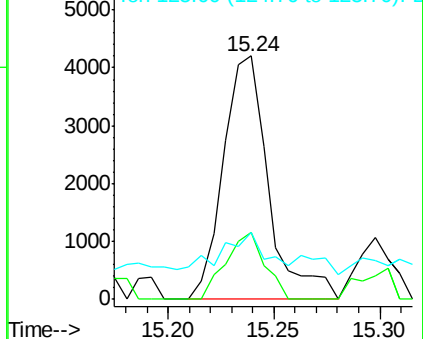
125 27.6 9.8 14.6#



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: 0.078 ng

RT: 16.69 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

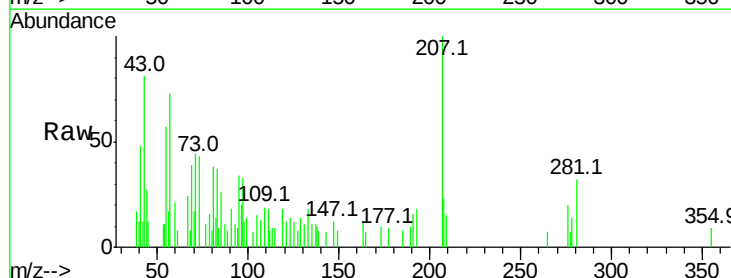
Tgt Ion:278 Resp: 1030

Ion Ratio Lower Upper

278 100

139 58.2 15.9 23.9#

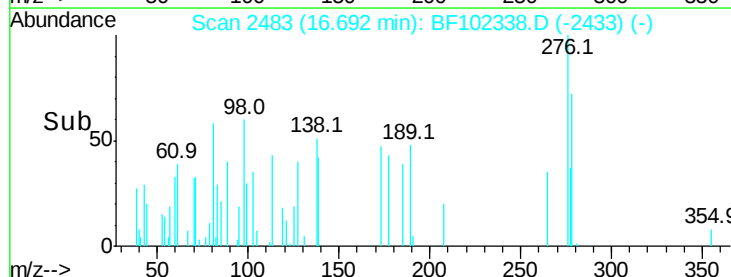
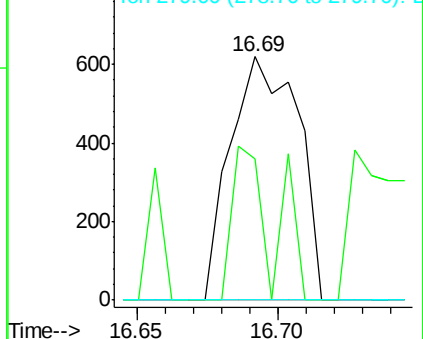
279 0.0 19.0 28.4#

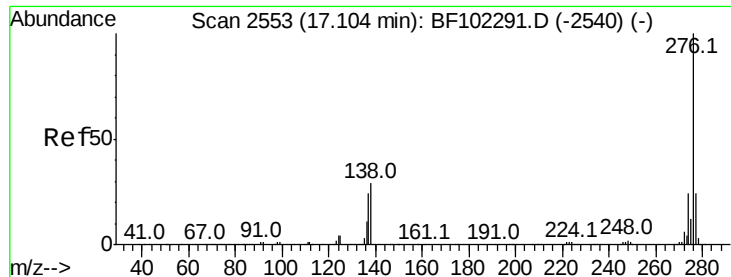


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.062 ng

RT: 17.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BF102338.D

Acq: 23 Jan 2018 11:50

Instrument :

BNA_F

ClientSampleId :

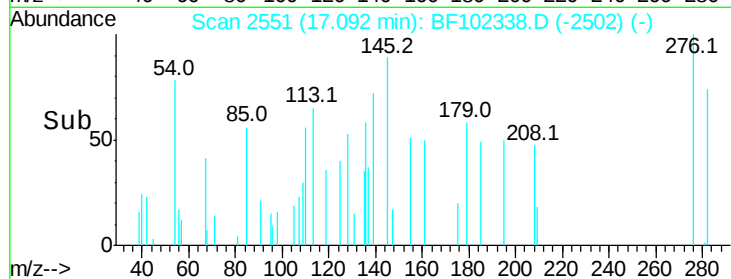
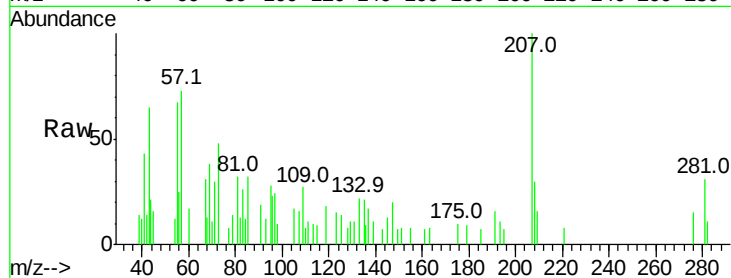
Tot Ion: 276 Resp: 811

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 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

17.09

400

200

0

Time-->

17.10