

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102366.D
 Acq On : 24 Jan 2018 2:15
 Operator : SJ/JU
 Sample : J1236-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 04:33:18 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	6.90	152	399249	20.00	ng	0.19
21) Naphthalene-d8	8.00	136	515642	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	230829	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	356222	20.00	ng	0.00
75) Chrysene-d12	13.87	240	244505	20.00	ng	0.00
86) Perylene-d12	15.30	264	222658	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	6654	0.25	ng	0.16
7) Phenol-d6	6.44	99	9247	0.29	ng	0.08
23) Nitrobenzene-d5	7.31	82	592742	66.06	ng	0.02
41) 2,4,6-Tribromophenol	10.55	330	241899	105.76	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1337845	85.22	ng	0.00
78) Terphenyl-d14	12.83	244	964151	88.90	ng	0.00

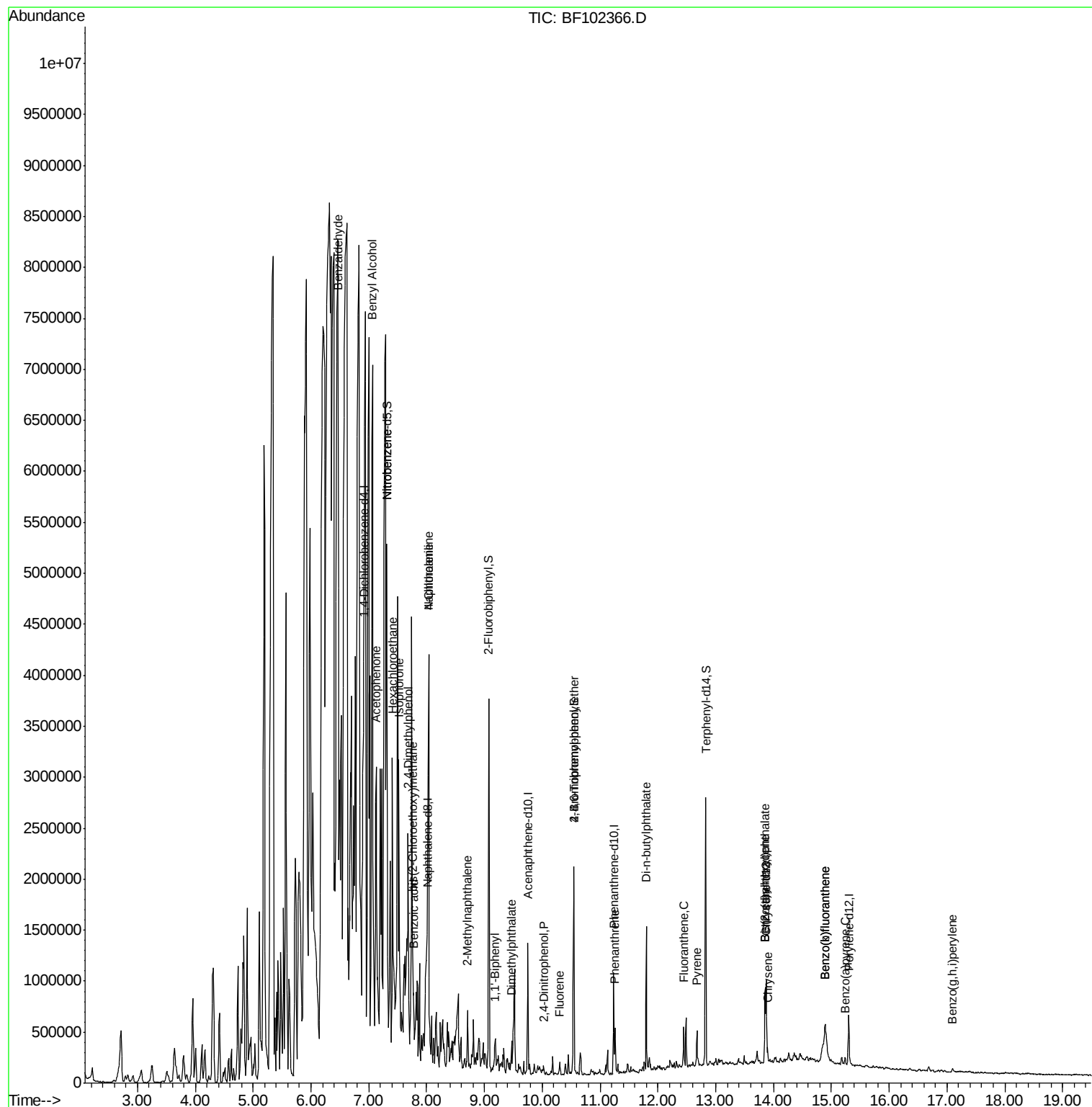
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	736152	42.840	ng	# 1
15) Benzyl Alcohol	7.06	79	209492	9.353	ng	# 1
18) Hexachloroethane	7.41	117	65501	5.716	ng	# 1
22) Acetophenone	7.13	105	770945	62.719	ng	# 59
24) Nitrobenzene	7.31	77	63673	6.934	ng	# 13
25) Isophorone	7.53	82	36826	2.302	ng	# 1
27) 2,4-Dimethylphenol	7.67	122	57043	8.129	ng	# 97
28) bis(2-Chloroethoxy)methane	7.76	93	43508	4.403	ng	# 31
31) Naphthalene	8.03	128	2079854	80.786	ng	# 99
32) Benzoic acid	7.78	122	31732	5.397	ng	# 73
33) 4-Chloroaniline	8.03	127	286351	26.450	ng	# 35
37) 2-Methylnaphthalene	8.71	142	156415	9.123	ng	# 98
45) 1,1'-Biphenyl	9.17	154	51261	2.484	ng	# 96
49) Dimethylphthalate	9.47	163	100063	5.245	ng	# 99
53) 2,4-Dinitrophenol	10.03	184	110	3.752	ng	# 1
57) Fluorene	10.30	166	31671	2.023	ng	# 98
66) 4-Bromophenyl-phenylether	10.55	248	16700	4.355	ng	# 1
70) Phenanthrene	11.26	178	153670	7.403	ng	# 97
73) Di-n-butylphthalate	11.80	149	727433	28.155	ng	# 99
74) Fluoranthene	12.45	202	150880	7.128	ng	# 98
77) Pyrene	12.67	202	133169	7.044	ng	# 99
80) Benzo(a)anthracene	13.86	228	53936	3.583	ng	# 98
82) Chrysene	13.90	228	51019	3.338	ng	# 97
83) Bis(2-ethylhexyl)phthalate	13.86	149	199117	15.749	ng	# 99
87) Benzo(b)fluoranthene	14.89	252	75883	5.258	ng	# 86
88) Benzo(k)fluoranthene	14.89	252	75883	5.565	ng	# 85
89) Benzo(a)pyrene	15.24	252	33023	2.537	ng	# 90
91) Benzo(g,h,i)perylene	17.10	276	20847	2.003	ng	# 98

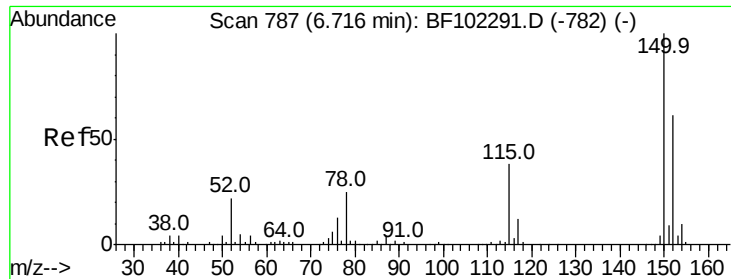
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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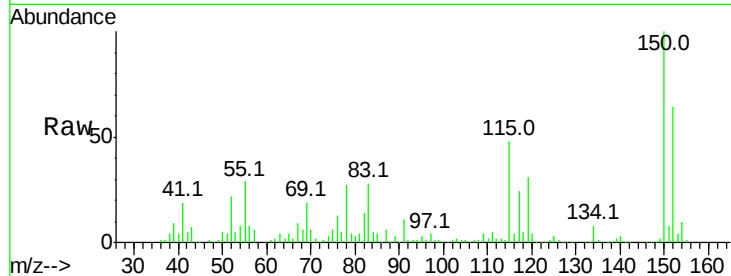


#1

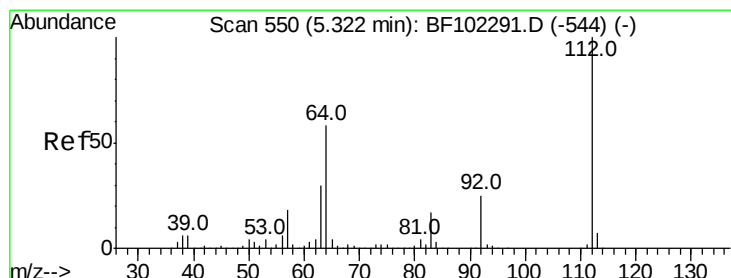
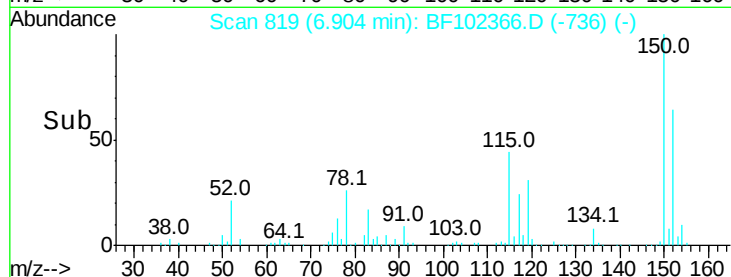
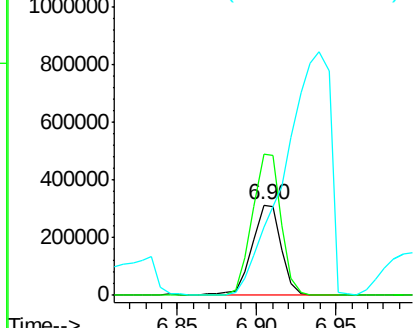
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.19 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 399249
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 75.0 50.1 75.1



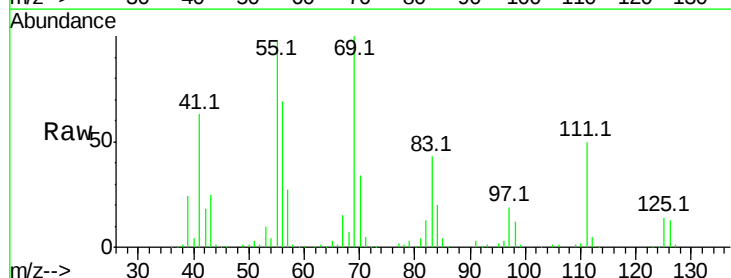
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



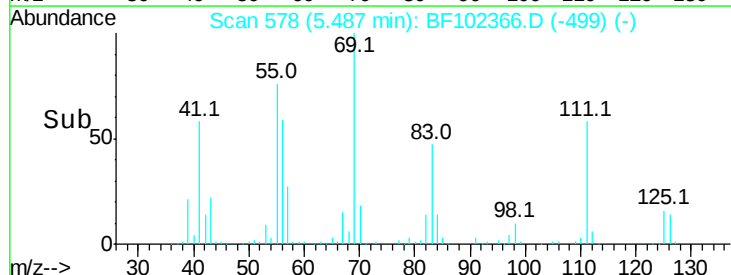
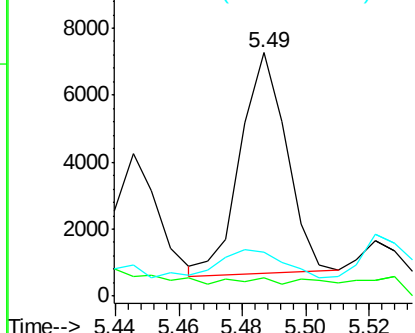
#5

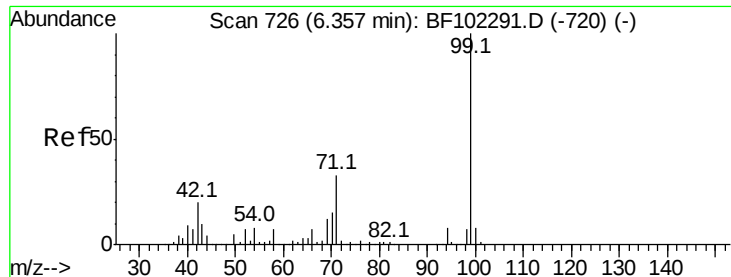
2-Fluorophenol
Concen: 0.253 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.16 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion:112 Resp: 6654
Ion Ratio Lower Upper
112 100
64 7.5 47.9 71.9#
63 18.0 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





#7

Phenol-d6

Concen: 0.291 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.08 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampled :

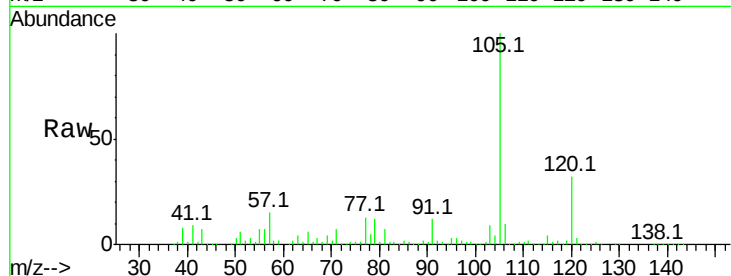
Tot Ion: 99 Resp: 9247

Ion Ratio Lower Upper

99 100

42 168.3 14.5 21.7#

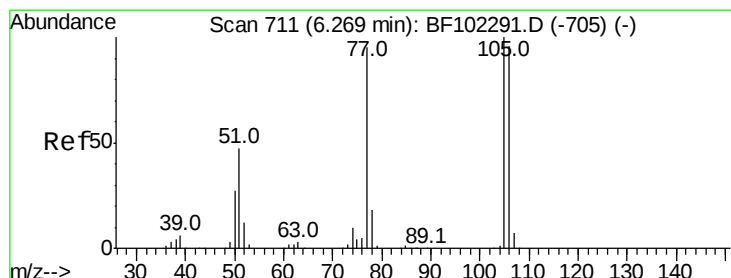
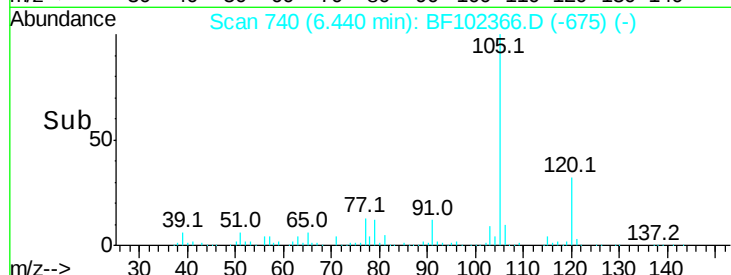
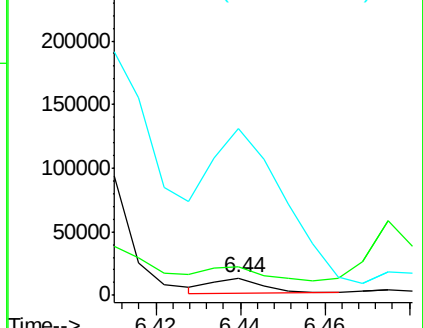
71 967.4 25.4 38.0#



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



#9

Benzaldehyde

Concen: 42.840 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.19 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

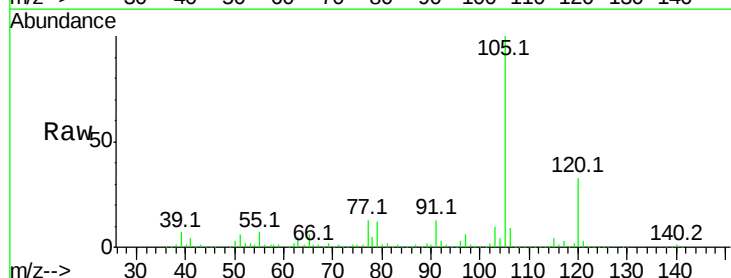
Tgt Ion: 77 Resp: 736152

Ion Ratio Lower Upper

77 100

105 763.8 81.1 121.1#

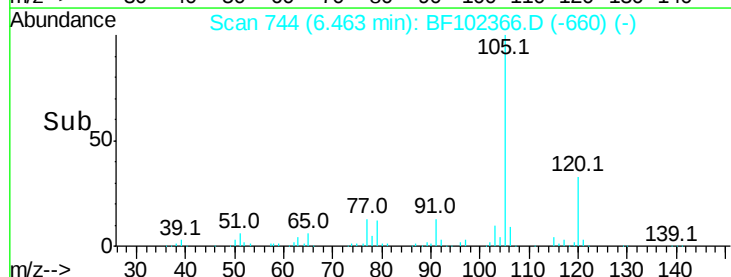
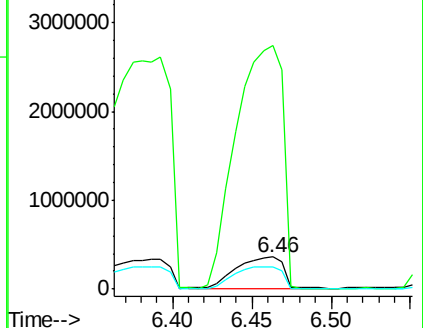
106 71.4 74.5 114.5#

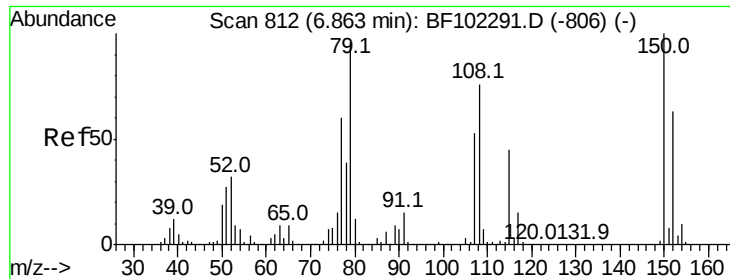


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

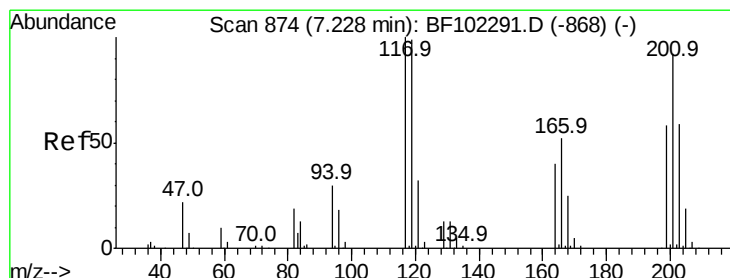
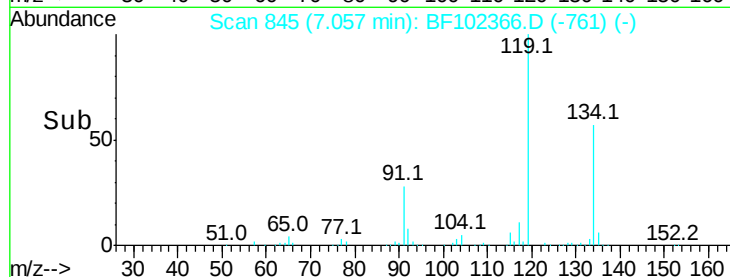
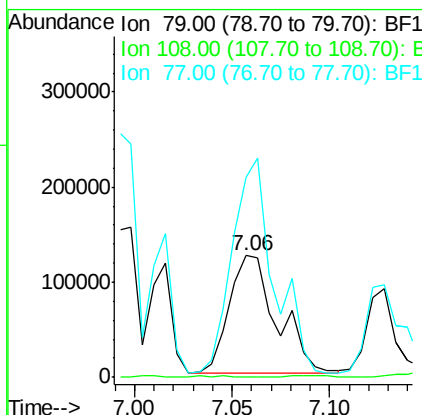
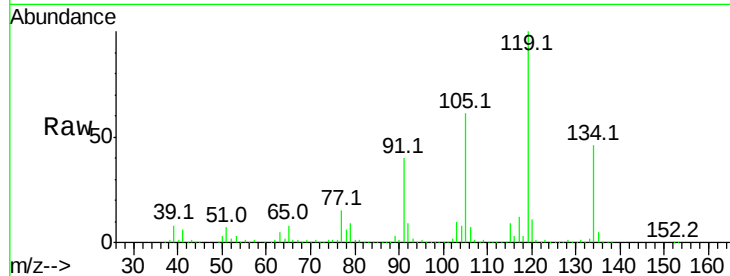




#15
Benzyl Alcohol
Concen: 9.353 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.19 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

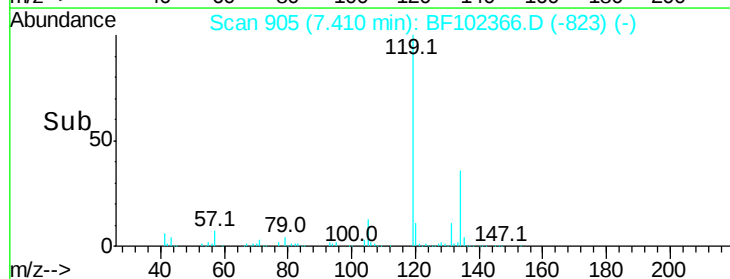
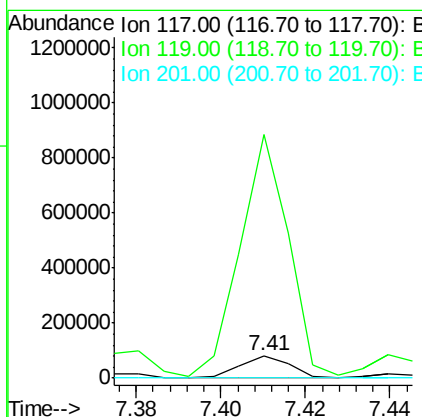
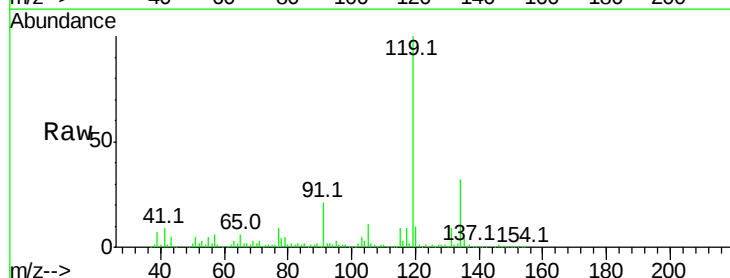
Instrument :
BNA_F
ClientSampled :

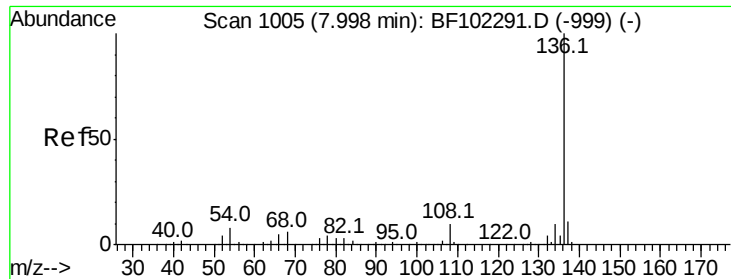
Tot Ion: 79 Resp: 209492
Ion Ratio Lower Upper
79 100
108 0.7 65.1 97.7#
77 164.6 50.6 75.8#



#18
Hexachloroethane
Concen: 5.716 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.18 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion: 117 Resp: 65501
Ion Ratio Lower Upper
117 100
119 1084.0 75.8 113.8#
201 0.0 75.7 113.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 515642

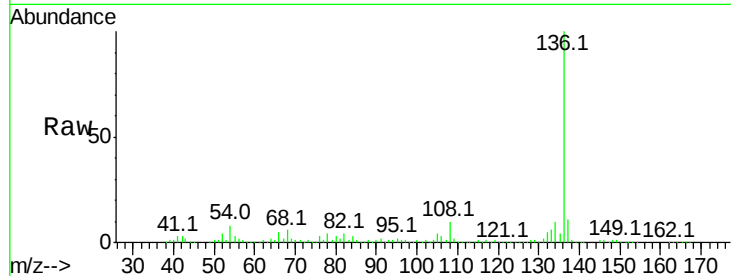
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

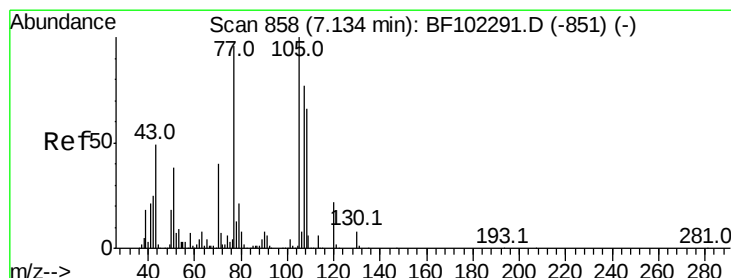
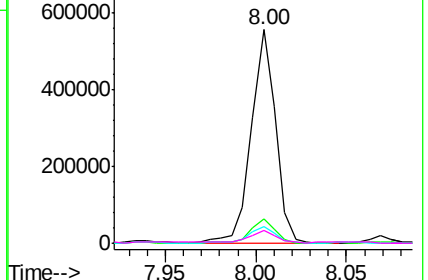
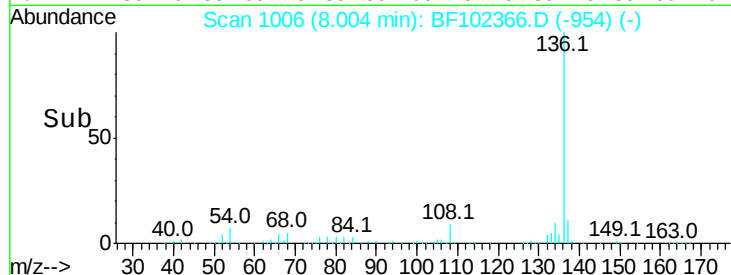


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.719 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Tgt Ion:105 Resp: 770945

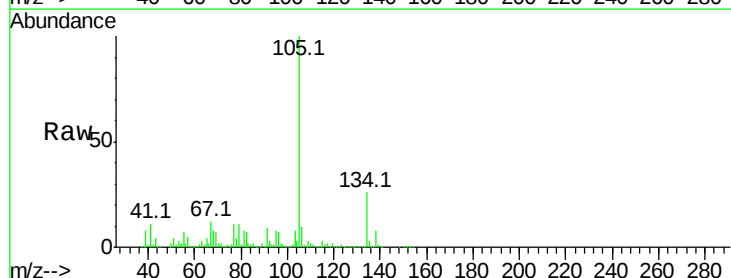
Ion Ratio Lower Upper

105 100

71 2.4 4.4 6.6#

51 4.0 22.3 33.5#

120 0.3 16.9 25.3#

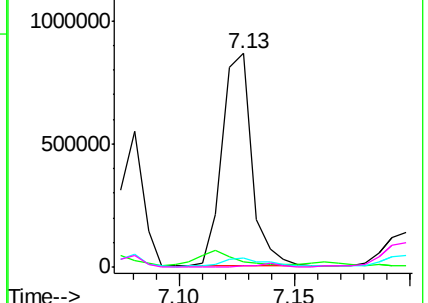
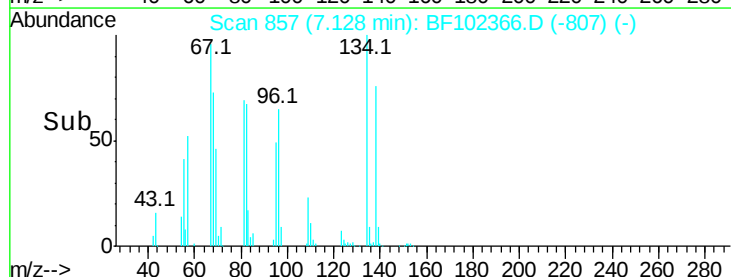


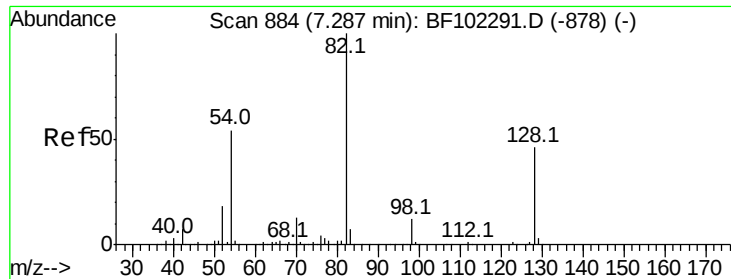
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

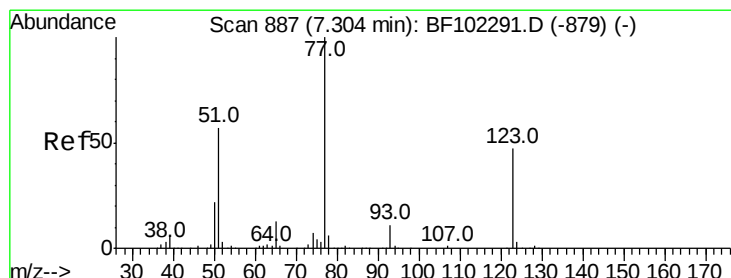
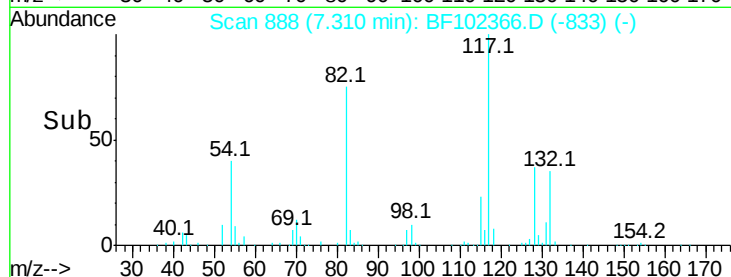
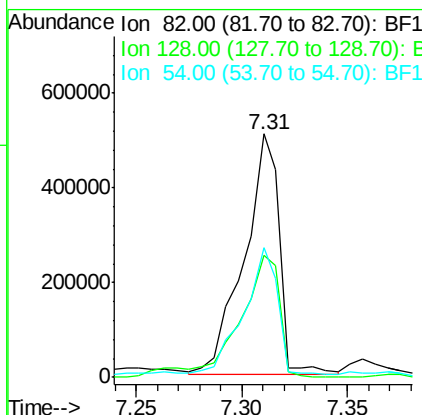
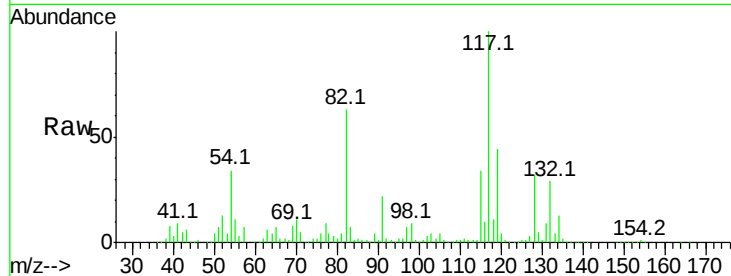




#23
 Nitrobenzene-d5
 Concen: 66.059 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.02 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

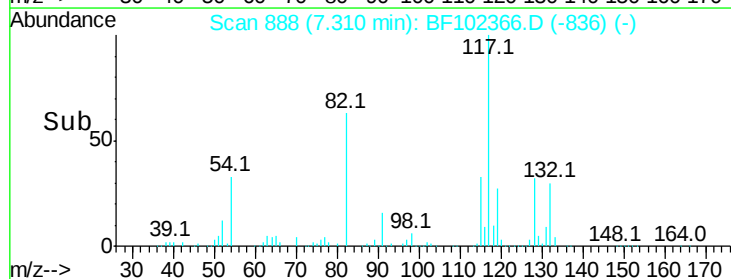
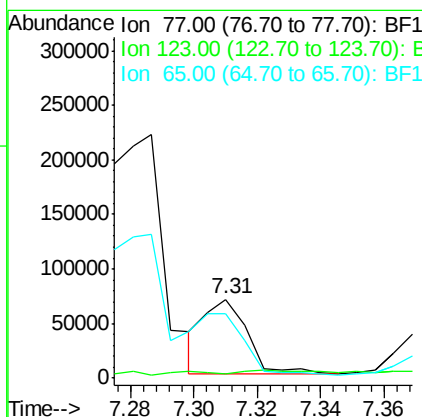
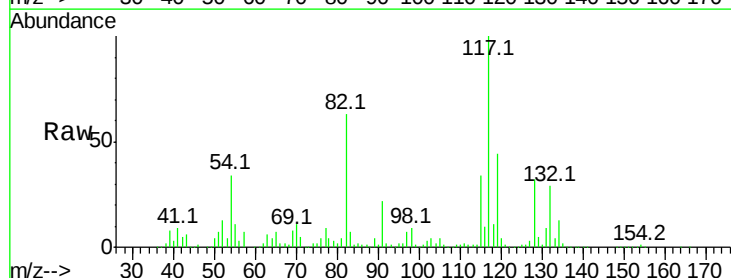
Instrument :
 BNA_F
 ClientSampleId :

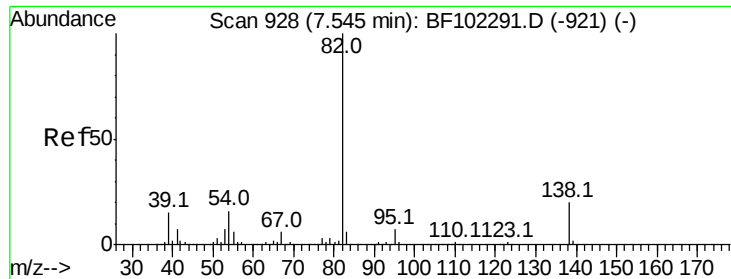
Tot Ion: 82 Resp: 592742
 Ion Ratio Lower Upper
 82 100
 128 50.2 36.1 54.1
 54 53.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 6.934 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion: 77 Resp: 63673
 Ion Ratio Lower Upper
 77 100
 123 5.3 37.9 56.9#
 65 82.5 11.0 16.4#





#25

Isophorone

Concen: 2.302 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampled :

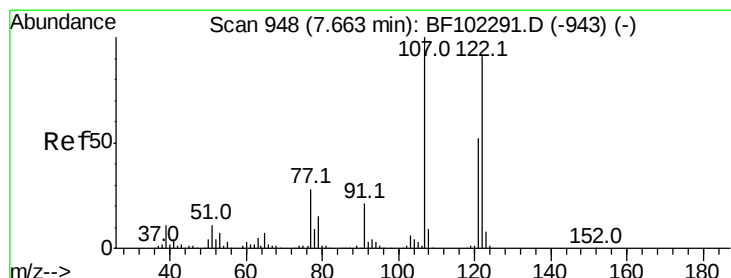
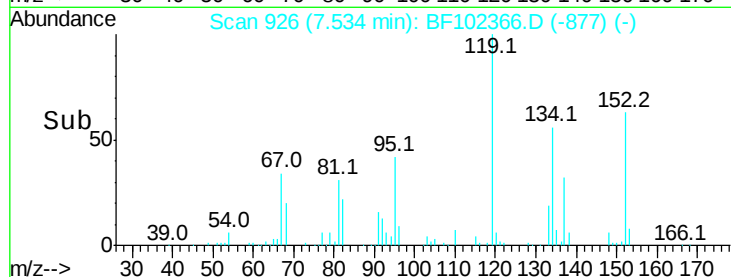
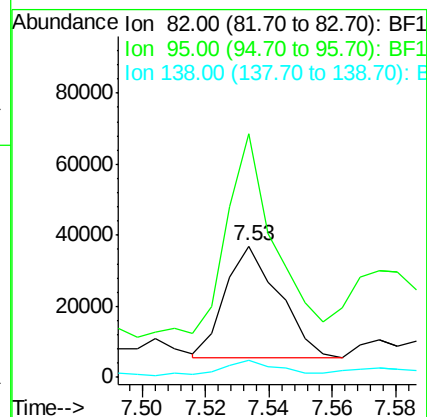
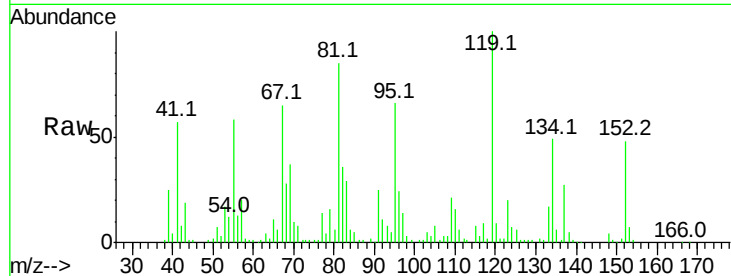
Tot Ion: 82 Resp: 36826

Ion Ratio Lower Upper

82 100

95 185.3 5.2 7.8#

138 13.1 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 8.129 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

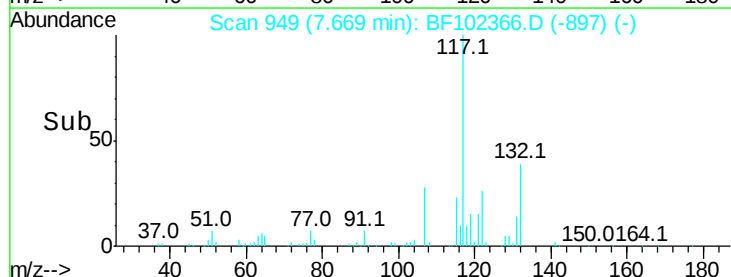
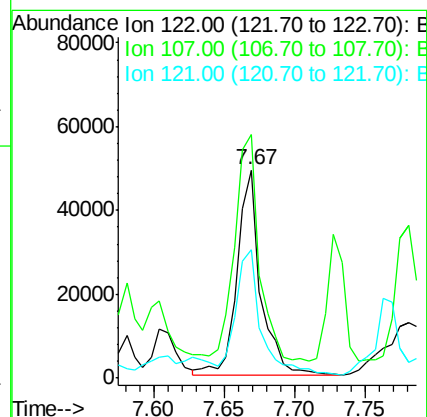
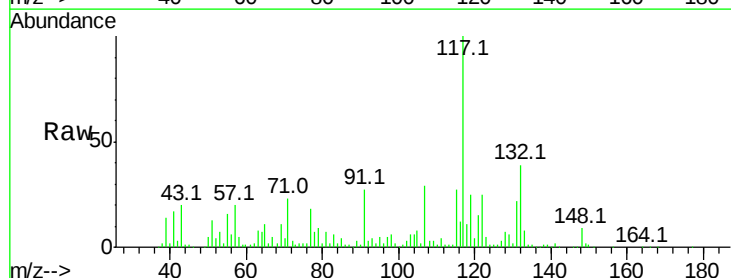
Tgt Ion:122 Resp: 57043

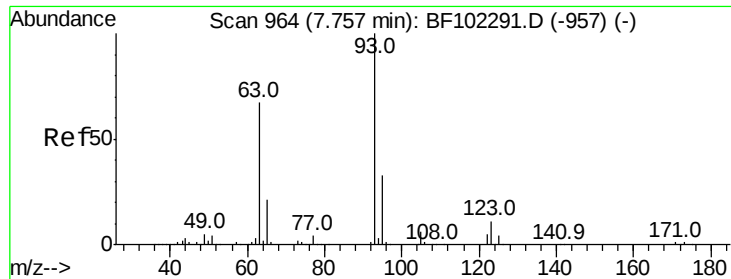
Ion Ratio Lower Upper

122 100

107 117.0 91.2 136.8

121 61.8 47.2 70.8





#28

bis(2-Chloroethoxy)methane

Concen: 4.403 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampled :

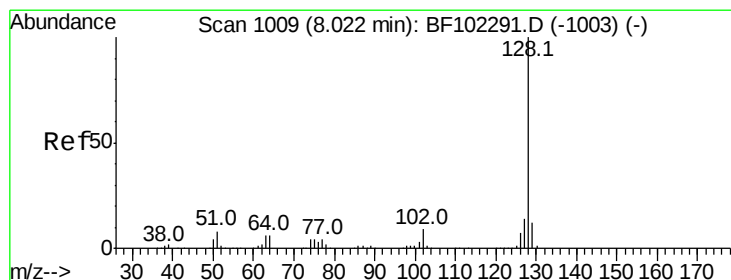
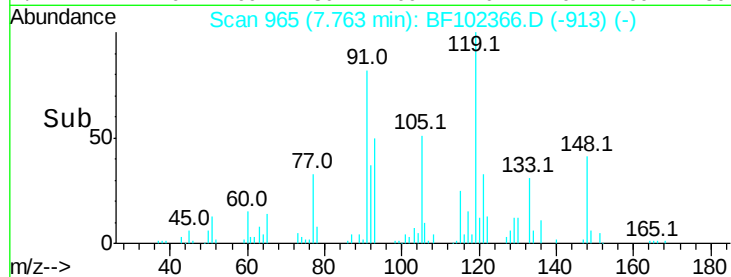
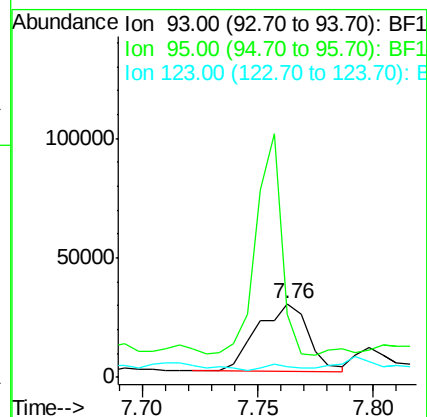
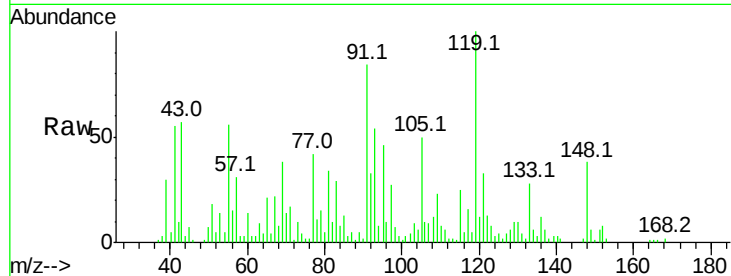
Tot Ion: 93 Resp: 43508

Ion Ratio Lower Upper

93 100

95 84.9 26.3 39.5#

123 14.9 9.8 14.6#



#31

Naphthalene

Concen: 80.786 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

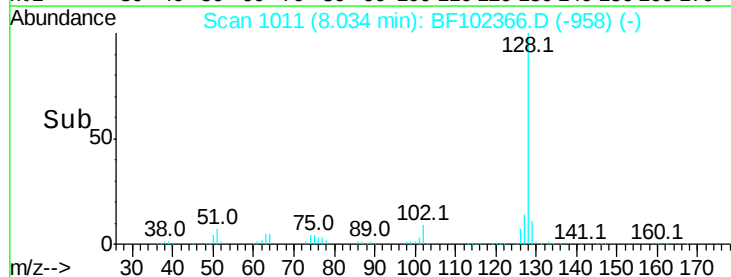
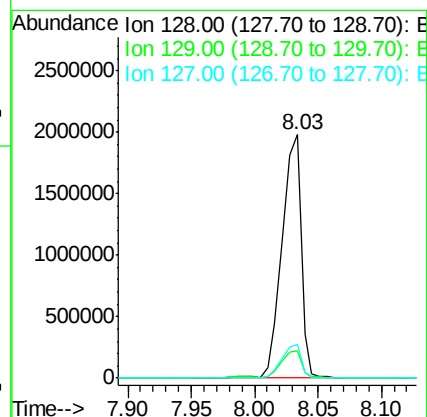
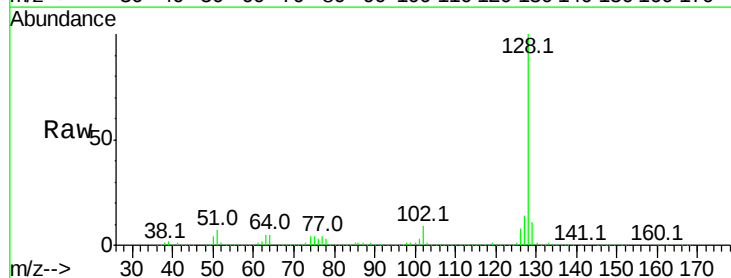
Tgt Ion:128 Resp: 2079854

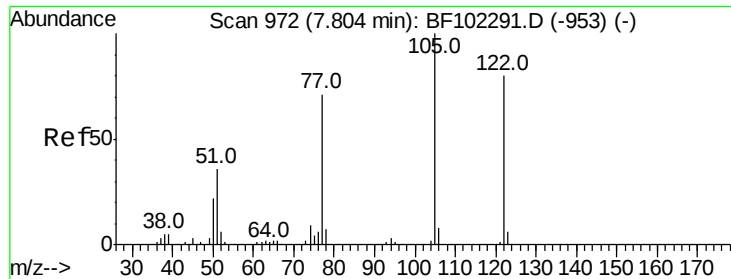
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.9 10.9 16.3

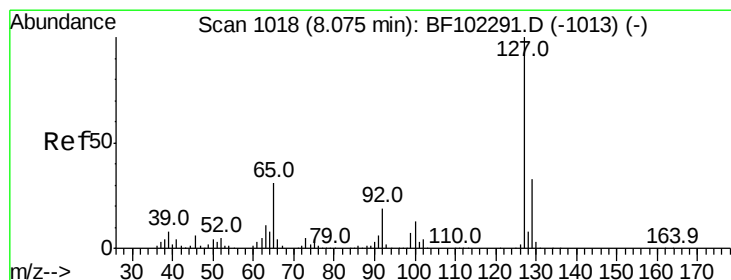
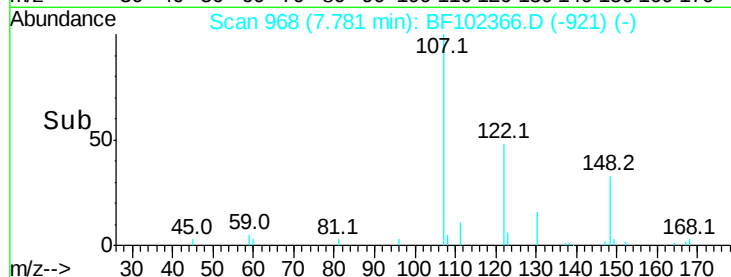
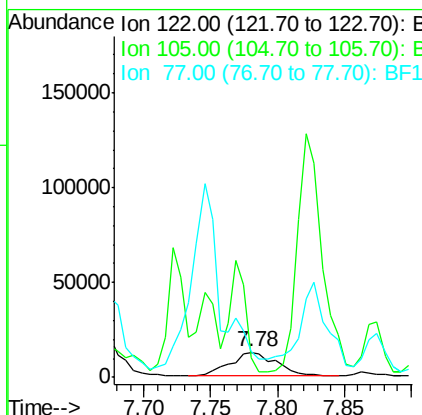
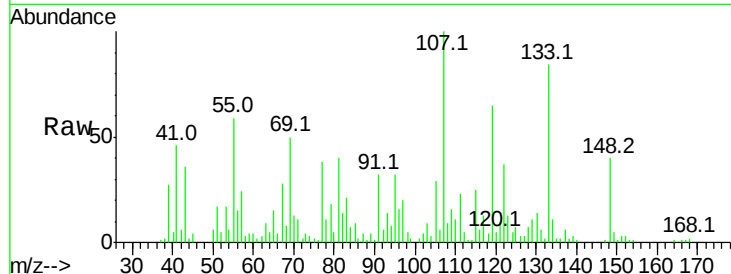




#32
Benzoic acid
Concen: 5.397 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

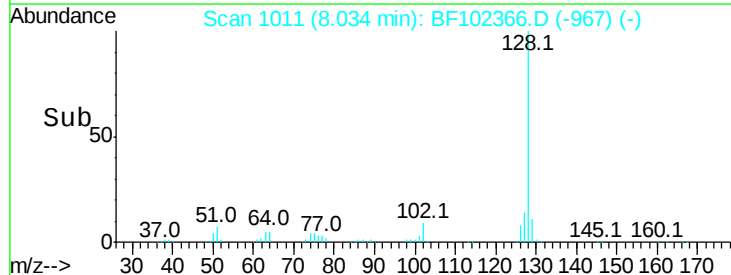
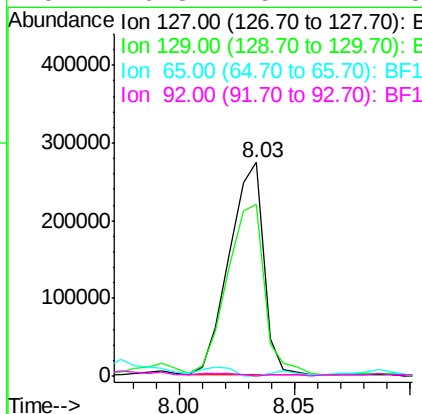
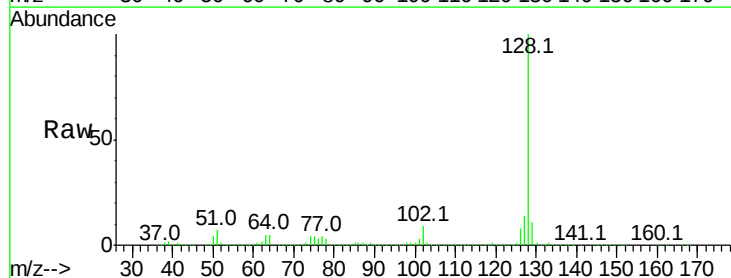
Instrument :
BNA_F
ClientSampleId :

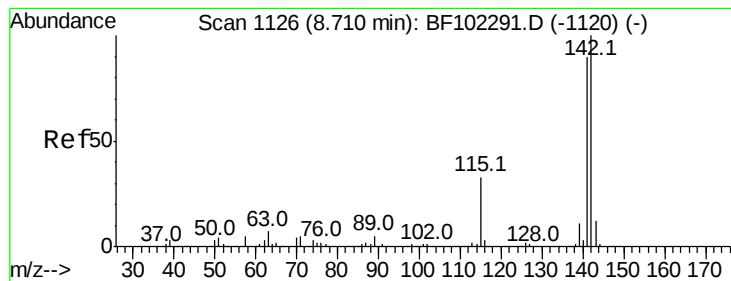
Tot Ion:122 Resp: 31732
Ion Ratio Lower Upper
122 100
105 79.6 101.1 141.1#
77 103.0 70.7 110.7



#33
4-Chloroaniline
Concen: 26.450 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion:127 Resp: 286351
Ion Ratio Lower Upper
127 100
129 80.6 25.9 38.9#
65 0.0 25.0 37.4#
92 0.3 15.2 22.8#

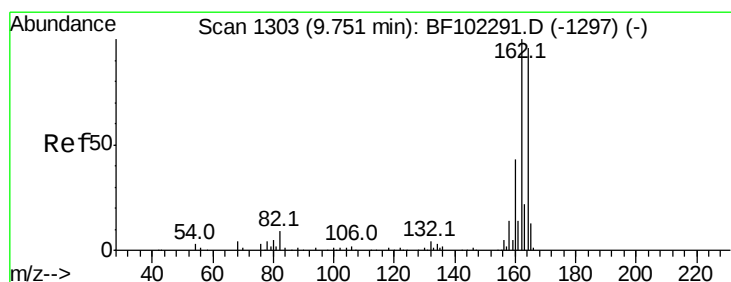
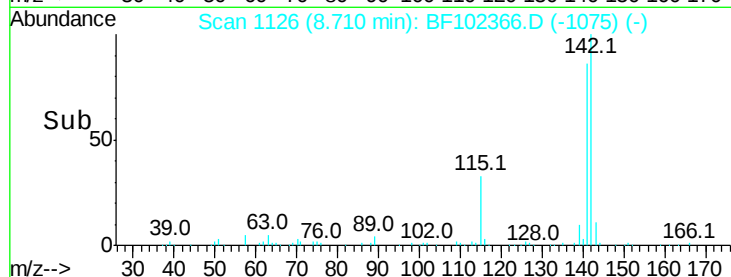
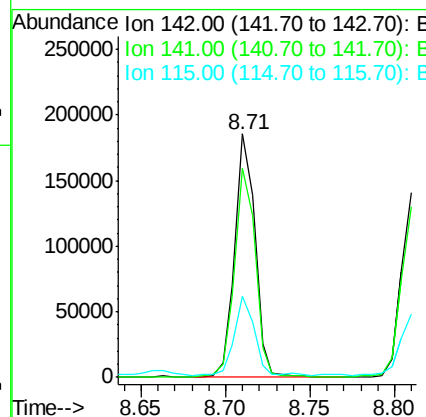
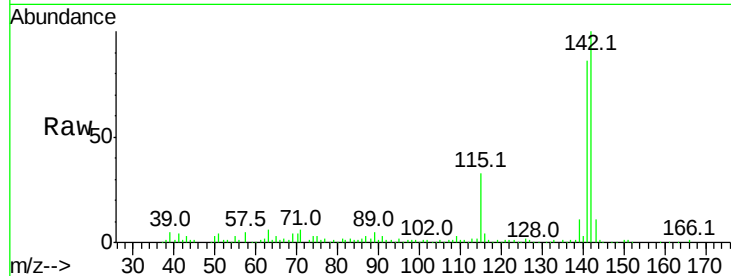




#37
 2-Methylnaphthalene
 Concen: 9.123 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

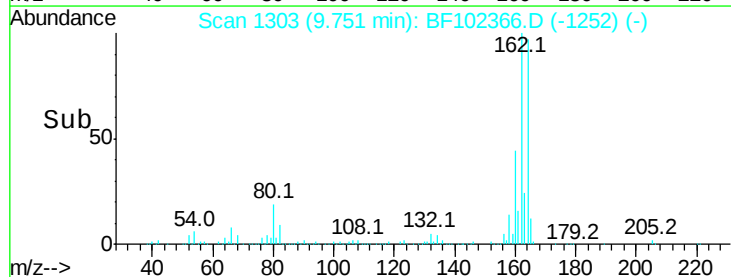
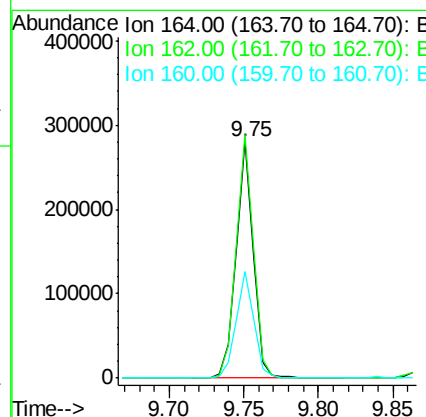
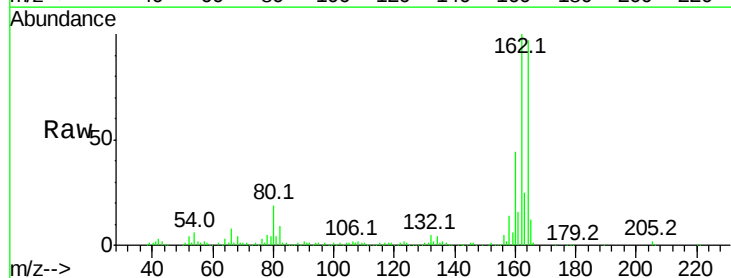
Instrument :
 BNA_F
 ClientSampleId :

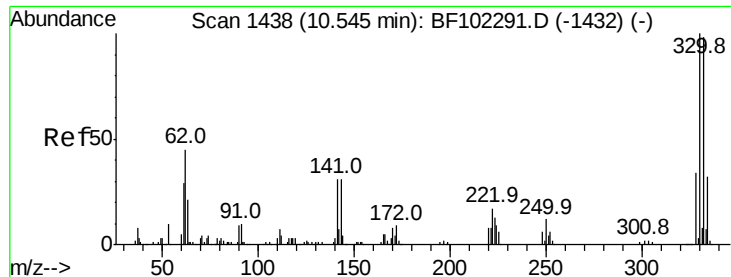
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.8	106.2
115	33.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.1	38.3	57.5

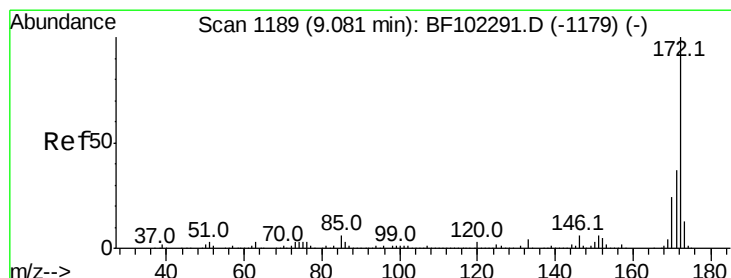
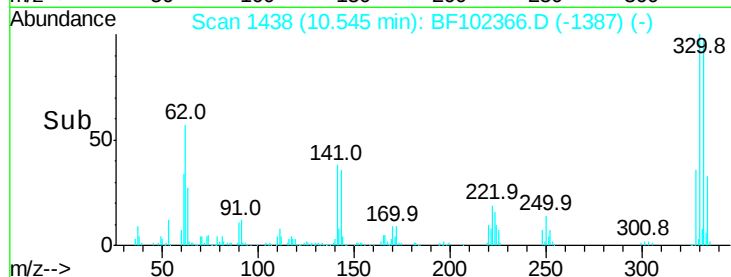
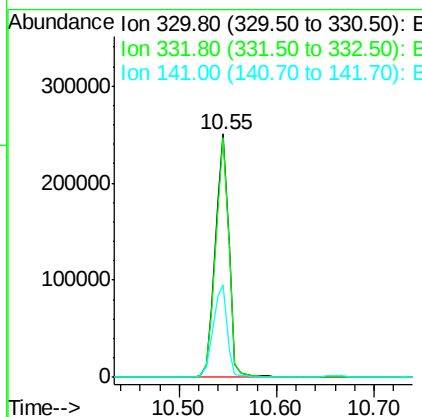
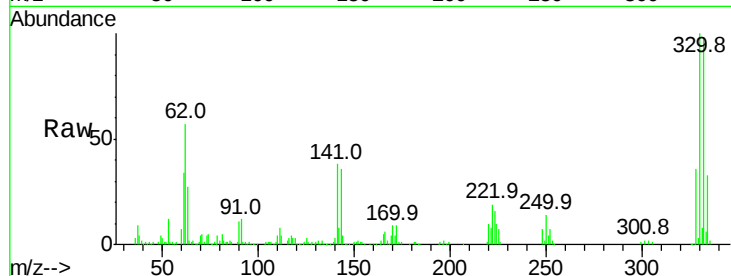




#41
 2,4,6-Tribromophenol
 Concen: 105.763 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

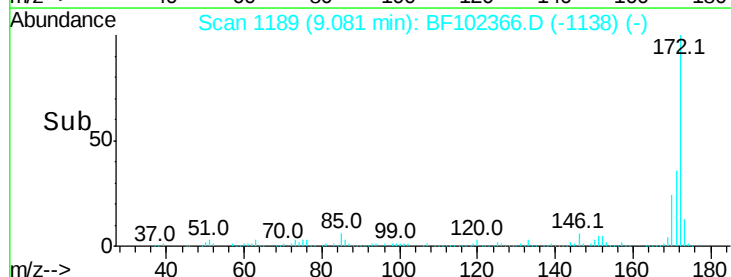
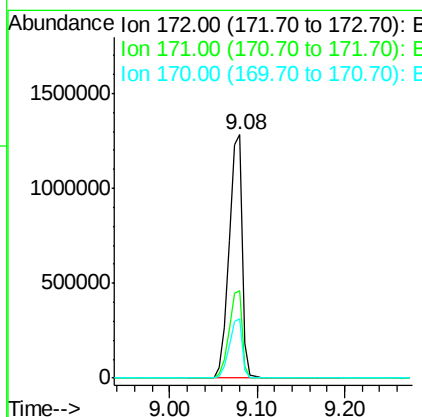
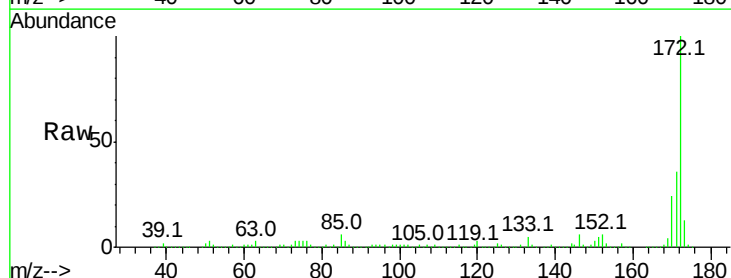
Instrument :
 BNA_F
 ClientSampleId :

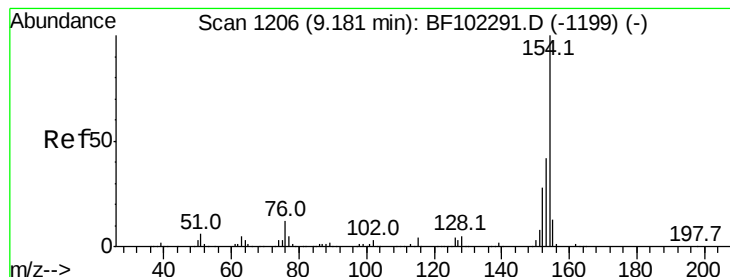
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.219 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 2.484 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampleId :

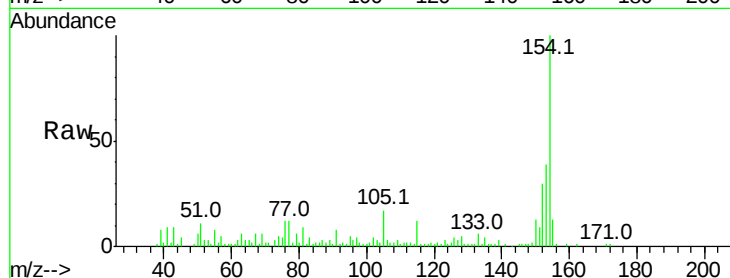
Tot Ion:154 Resp: 51261

Ion Ratio Lower Upper

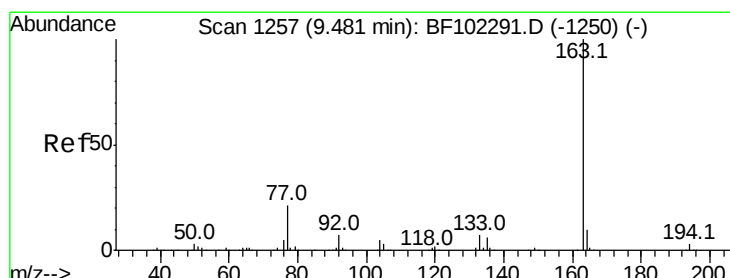
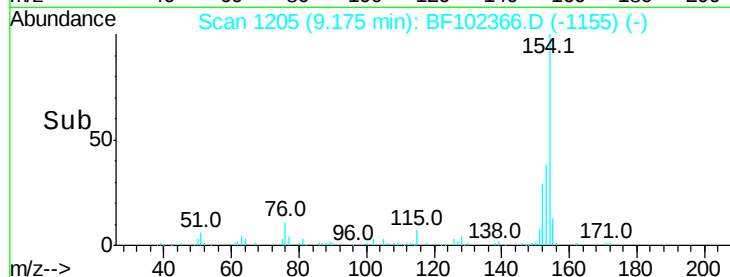
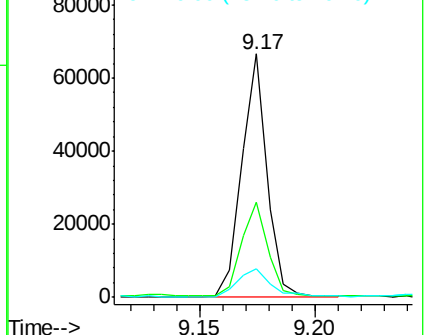
154 100

153 39.0 21.3 61.3

76 11.5 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



#49

Dimethylphthalate

Concen: 5.245 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

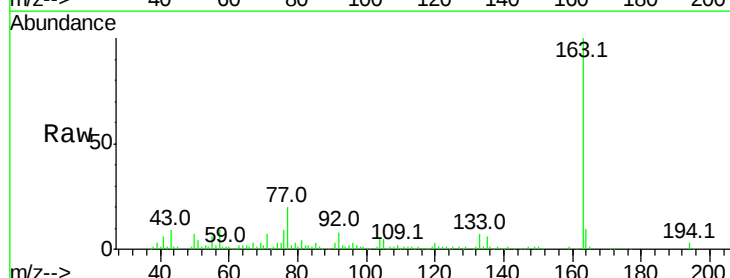
Tgt Ion:163 Resp: 100063

Ion Ratio Lower Upper

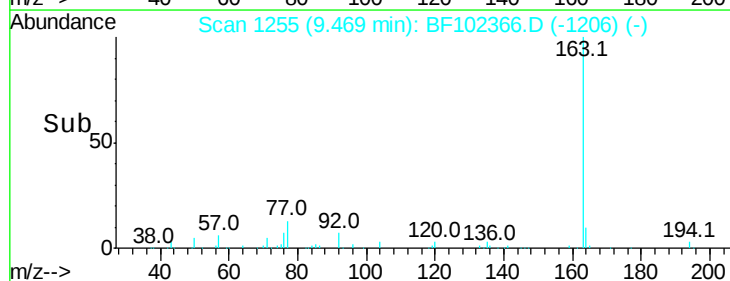
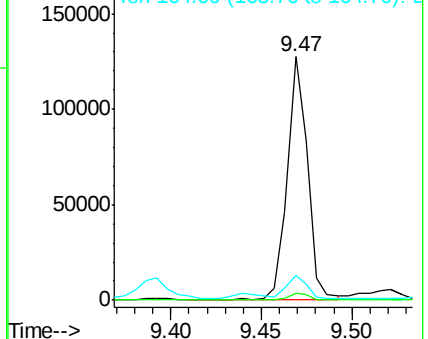
163 100

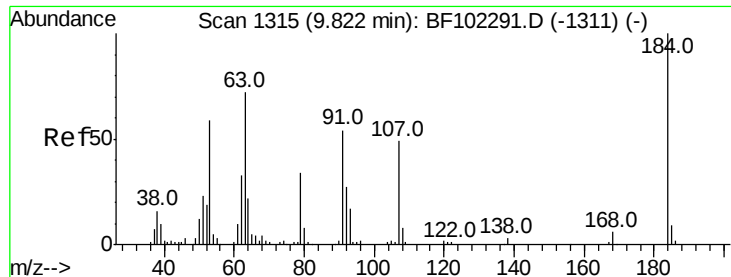
194 3.0 2.7 4.1

164 10.4 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

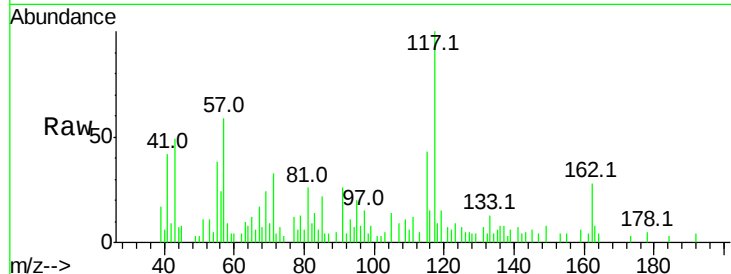




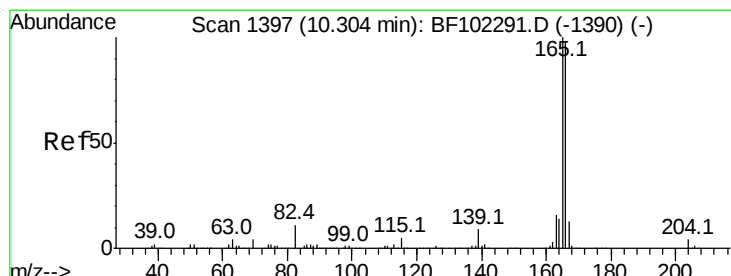
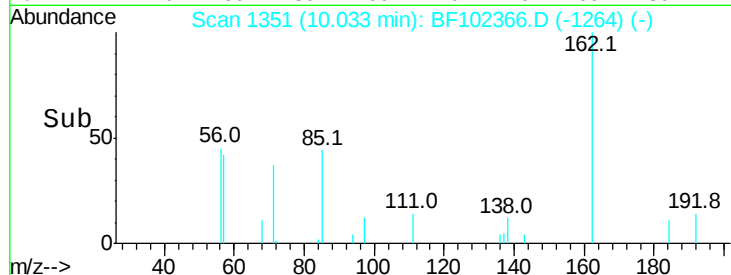
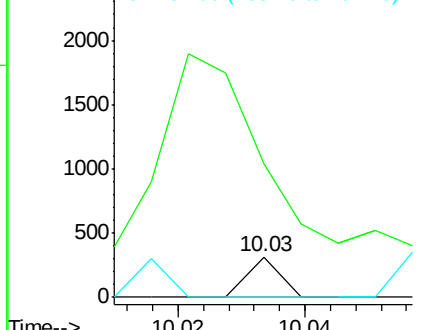
#53
 2,4-Dinitrophenol
 Concen: 3.752 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.21 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 110
 Ion Ratio Lower Upper
 184 100
 63 332.1 54.2 81.2#
 154 0.0 184.0 276.0#

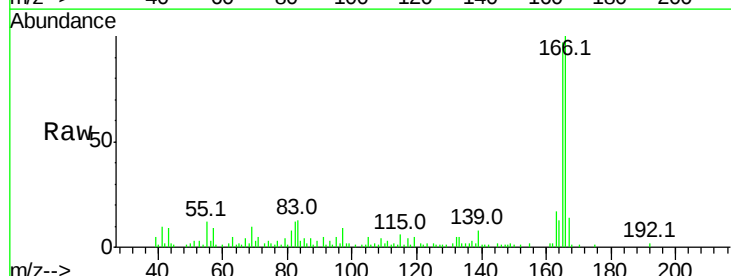


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

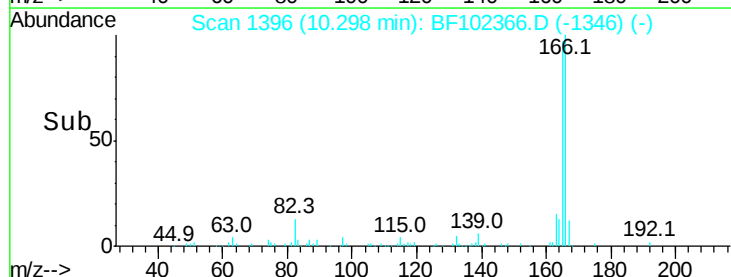
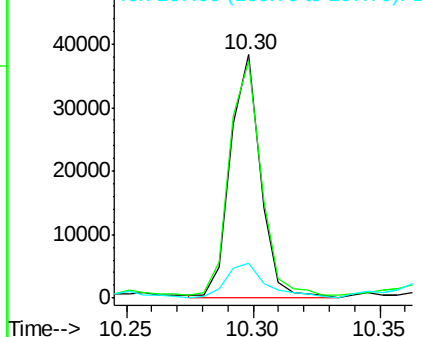


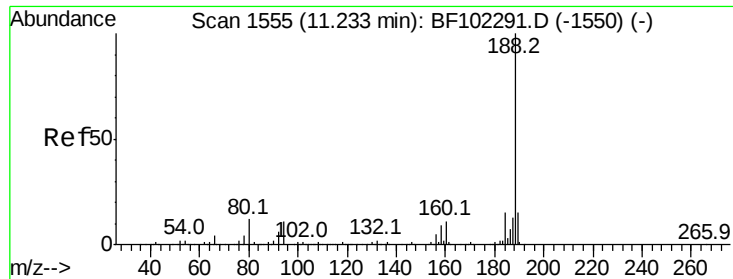
#57
 Fluorene
 Concen: 2.023 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102366.D
 Acq: 24 Jan 2018 2:15

Tgt Ion:166 Resp: 31671
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.8 119.8
 167 14.3 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

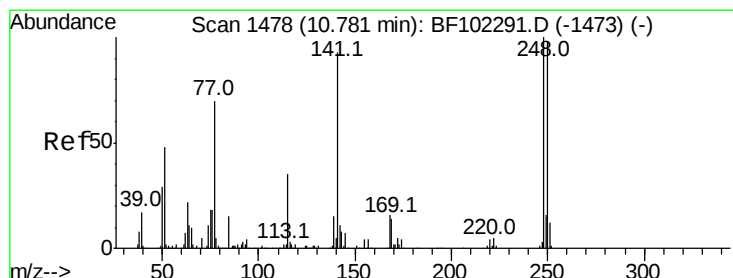
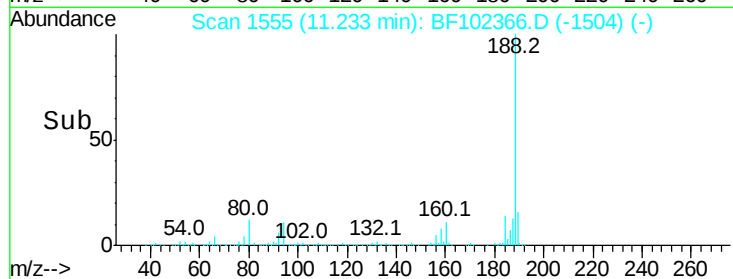
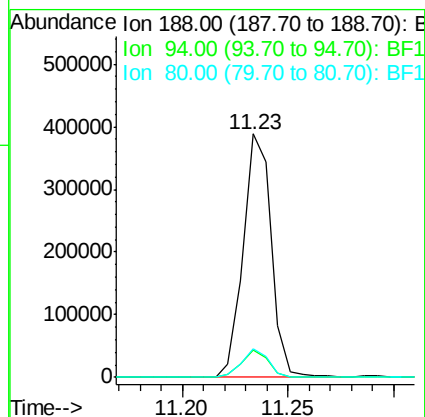
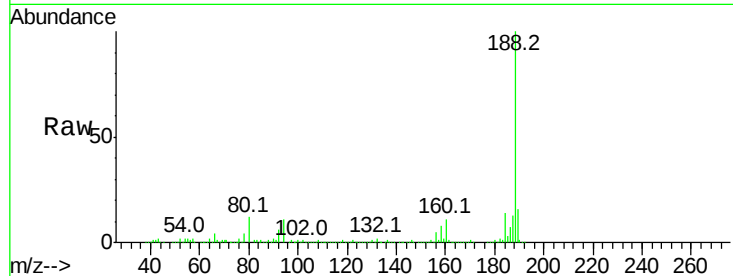




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

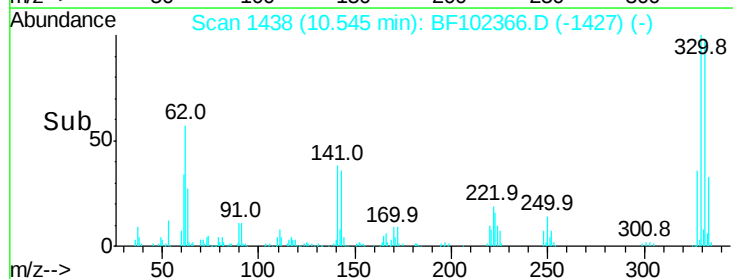
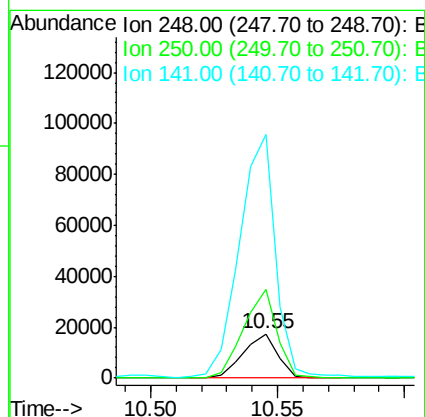
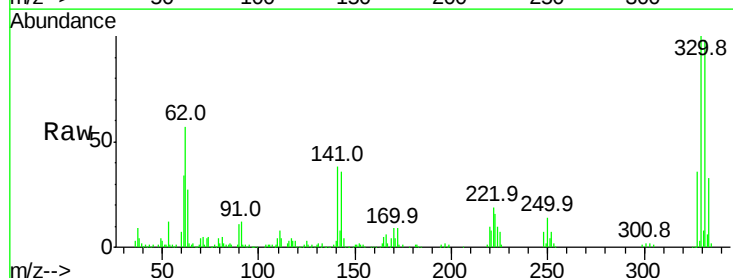
Instrument :
BNA_F
ClientSampled :

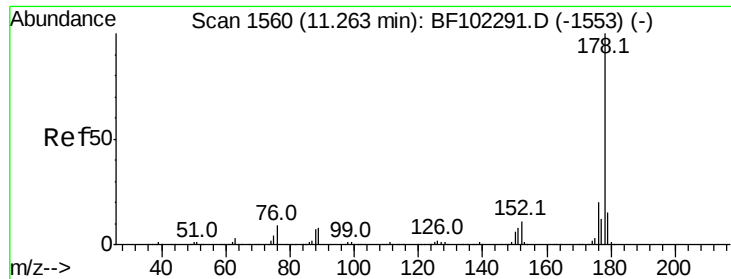
Tot Ion:188 Resp: 356222
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.355 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion:248 Resp: 16700
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 547.2 74.4 111.6#





#70

Phenanthrene

Concen: 7.403 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampled :

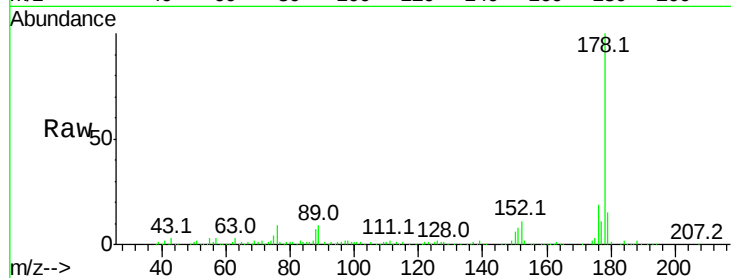
Tot Ion:178 Resp: 153670

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

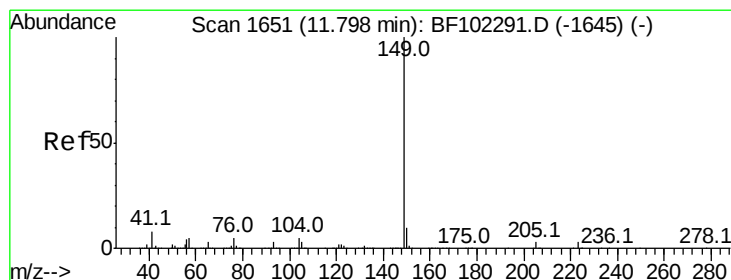
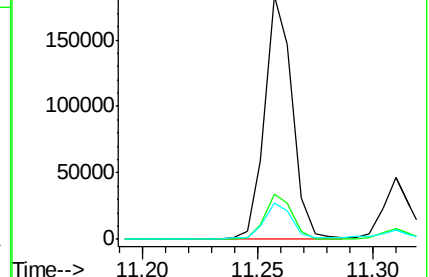
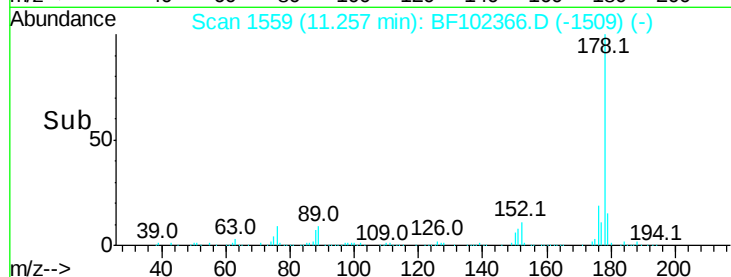
179 15.1 13.0 19.6



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



#73

Di-n-butylphthalate

Concen: 28.155 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

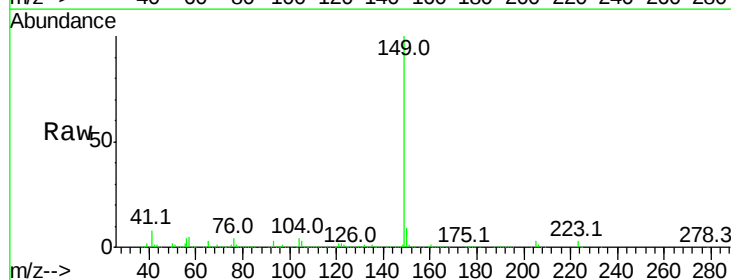
Tgt Ion:149 Resp: 727433

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

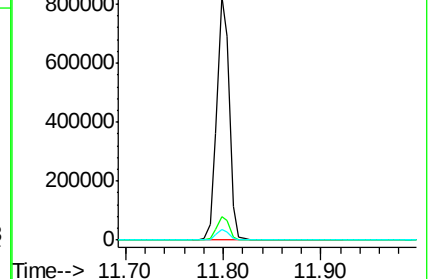
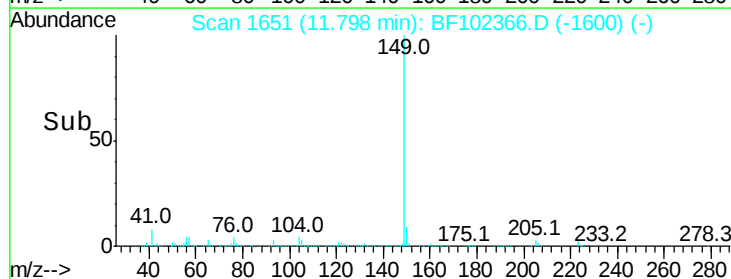
104 4.5 3.8 5.8

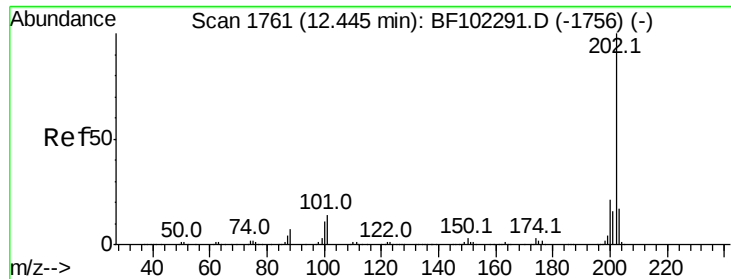


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 7.128 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampleId :

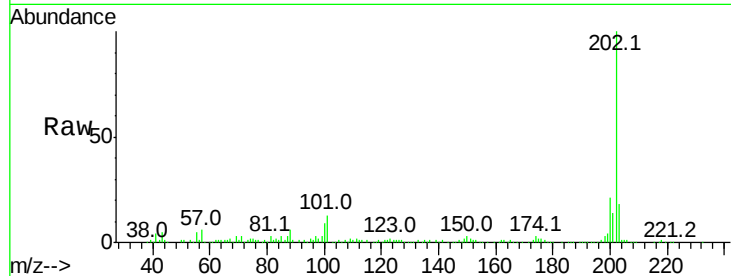
Tot Ion:202 Resp: 150880

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

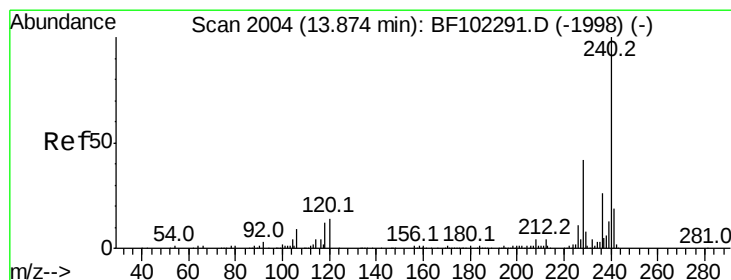
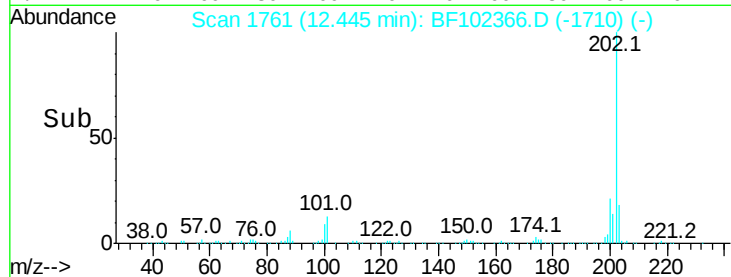
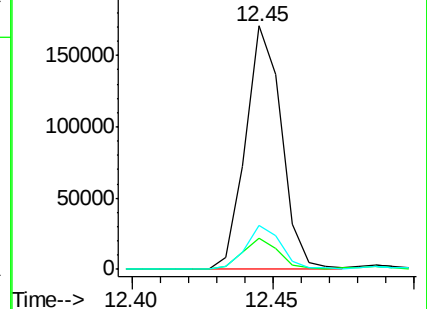
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

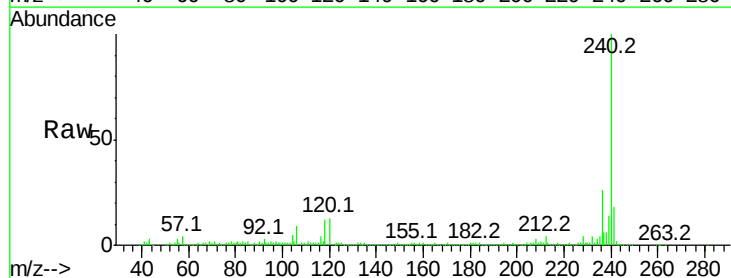
Tgt Ion:240 Resp: 244505

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

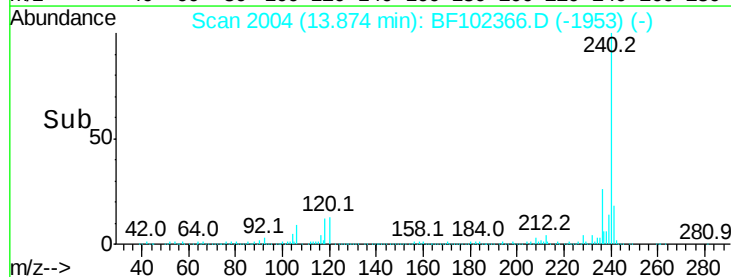
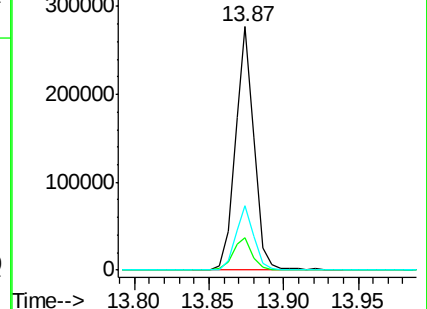
236 26.4 20.7 31.1

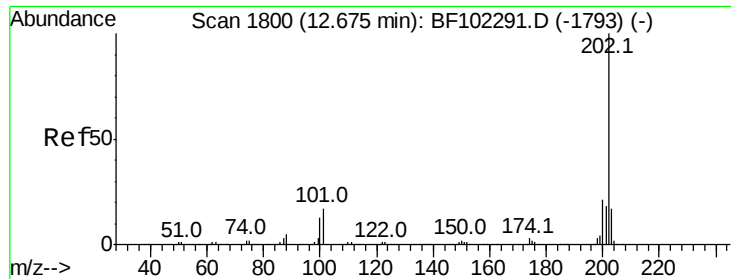


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 7.044 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

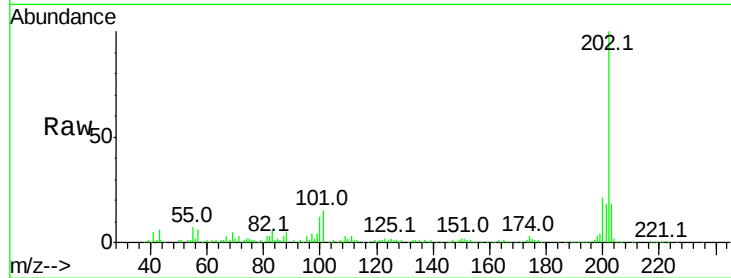
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 133169

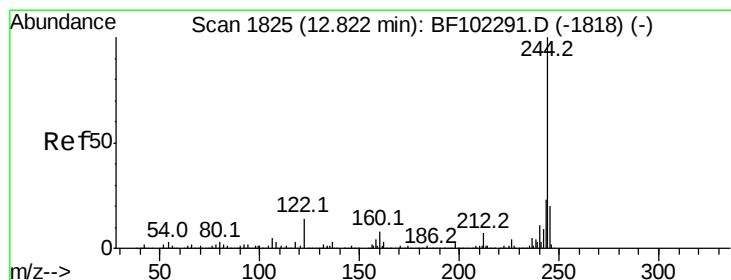
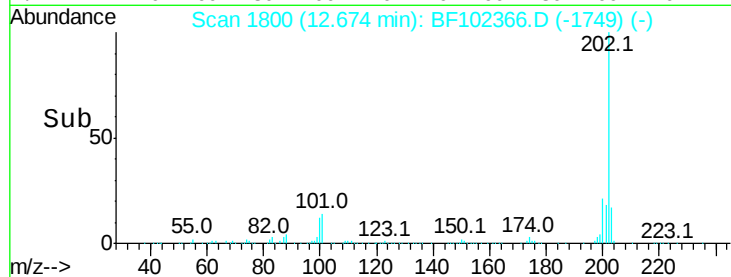
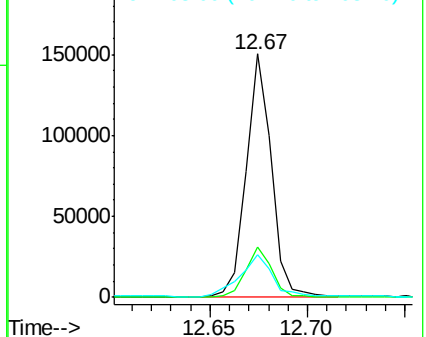
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.7	14.3	21.5



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: 88.896 ng

RT: 12.83 min Scan# 1826

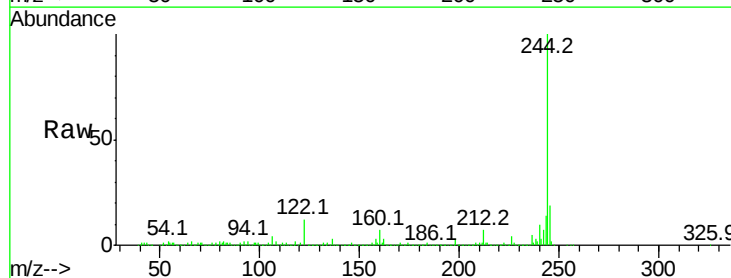
Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Tgt Ion:244 Resp: 964151

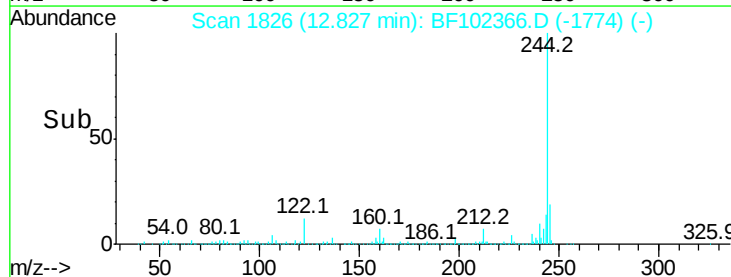
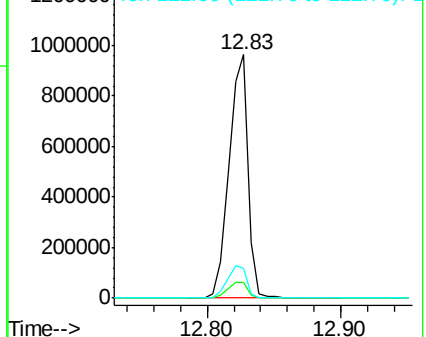
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.3	11.0	16.4

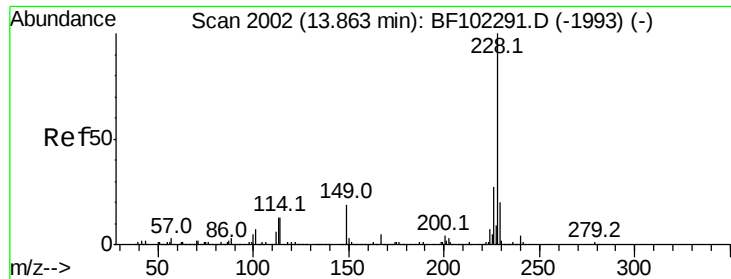


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

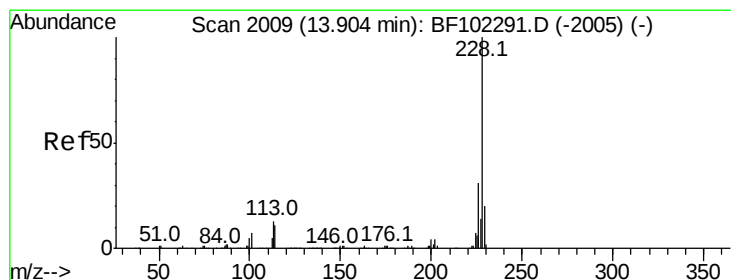
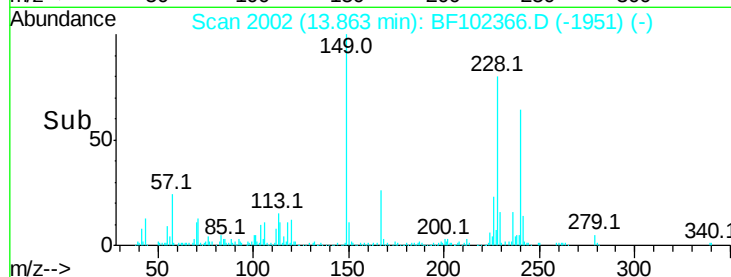
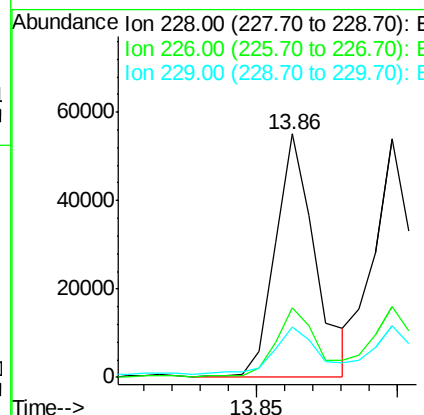
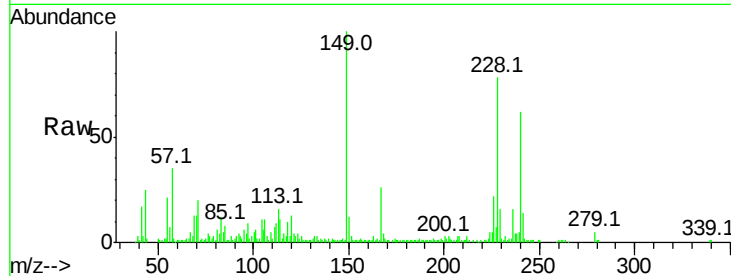




#80
Benzo(a)anthracene
Concen: 3.583 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

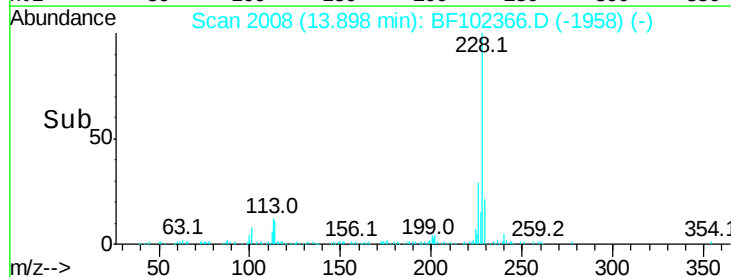
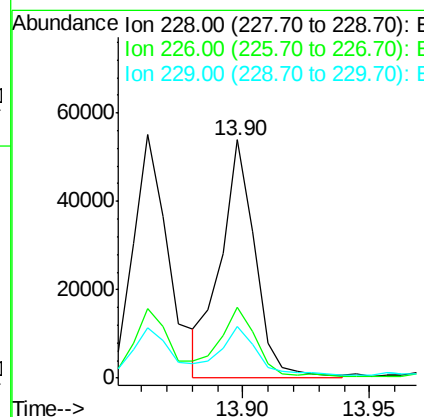
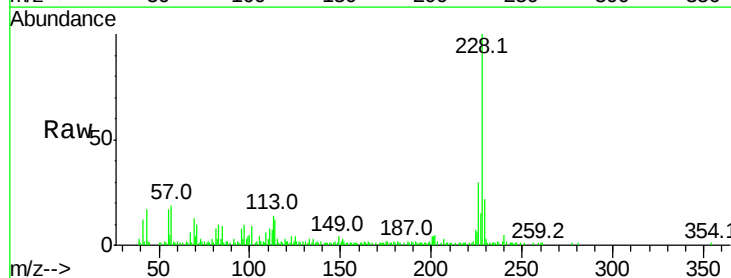
Instrument :
BNA_F
ClientSampleId :

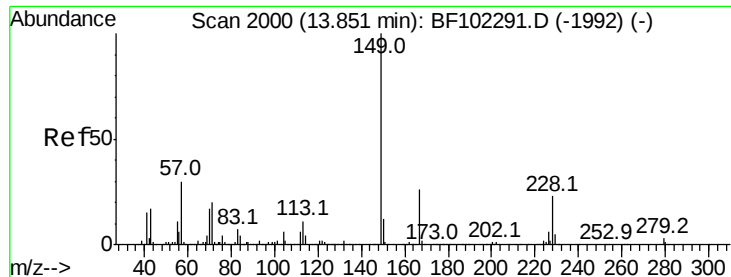
Tot Ion:228 Resp: 53936
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.9 15.8 23.6



#82
Chrysene
Concen: 3.338 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion:228 Resp: 51019
Ion Ratio Lower Upper
228 100
226 29.7 25.0 37.6
229 21.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 15.749 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampled :

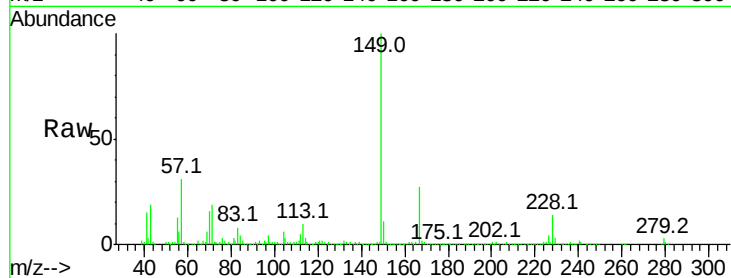
Tot Ion:149 Resp: 199117

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

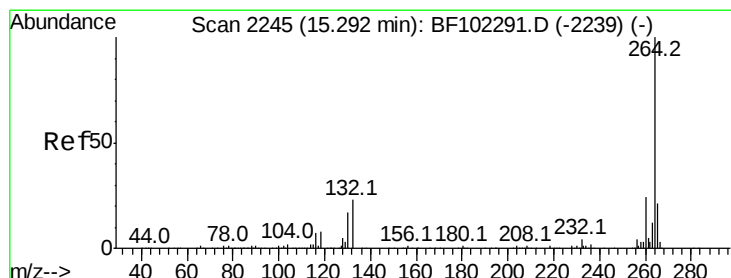
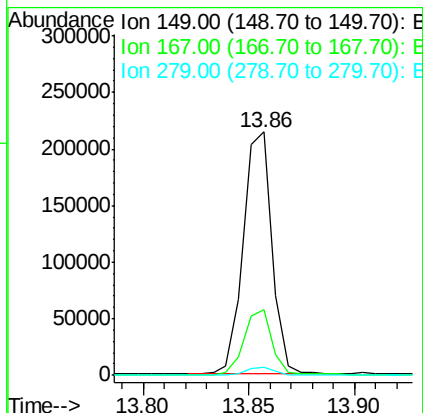
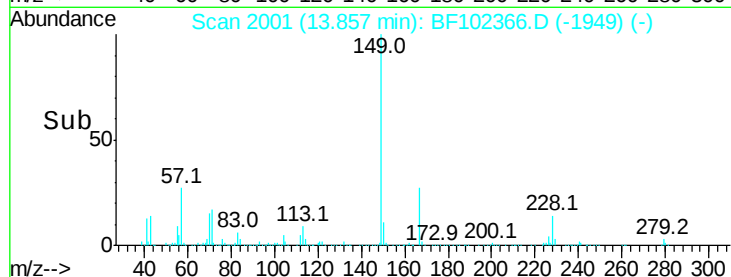
279 3.3 3.0 4.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

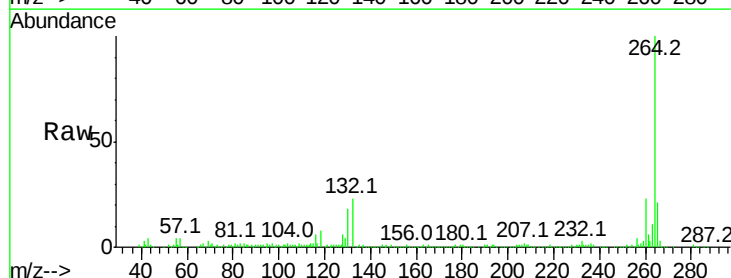
Tgt Ion:264 Resp: 222658

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

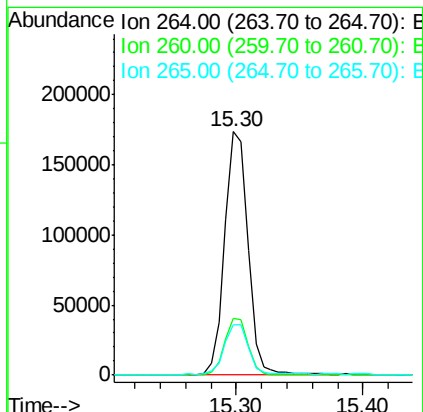
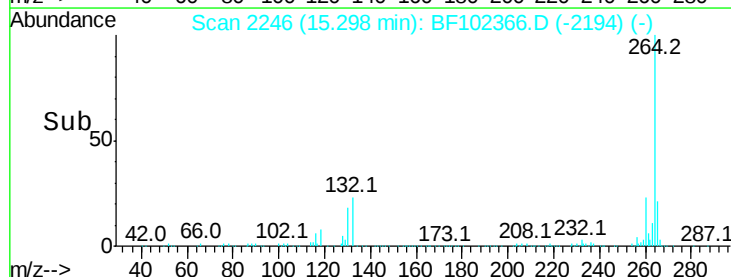
265 20.9 17.5 26.3

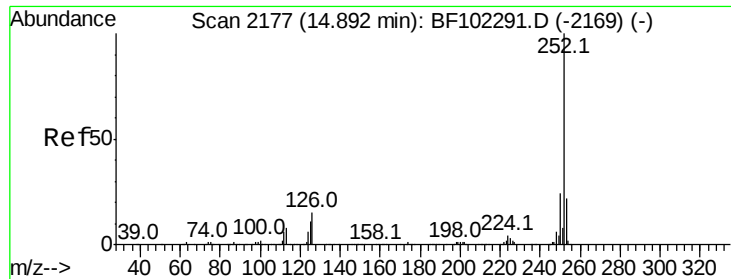


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

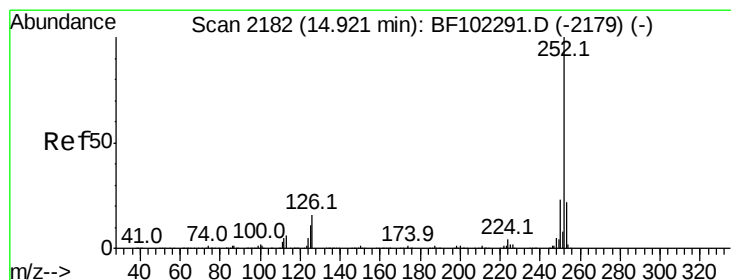
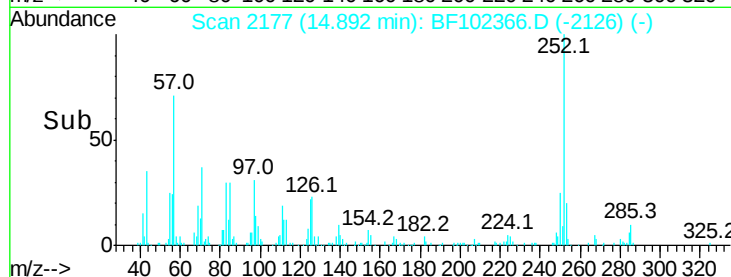
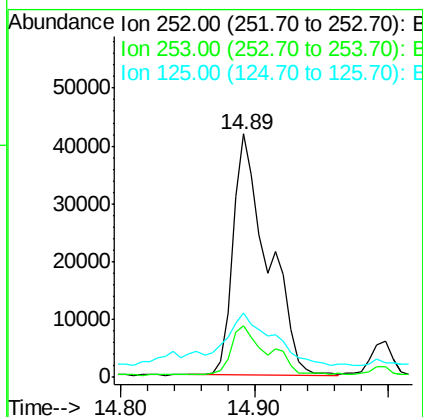
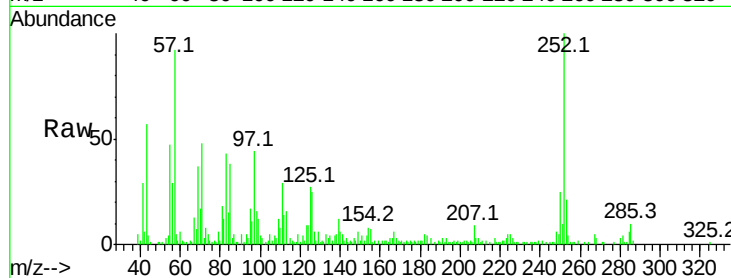




#87
Benzo(b)fluoranthene
Concen: 5.258 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

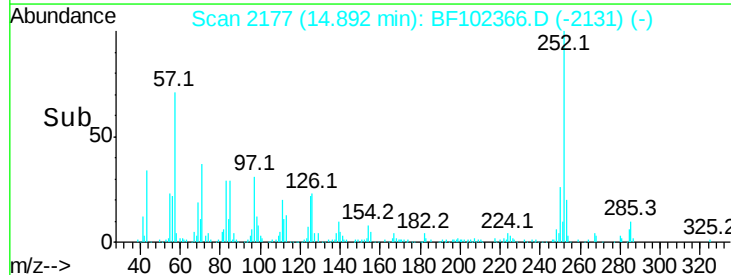
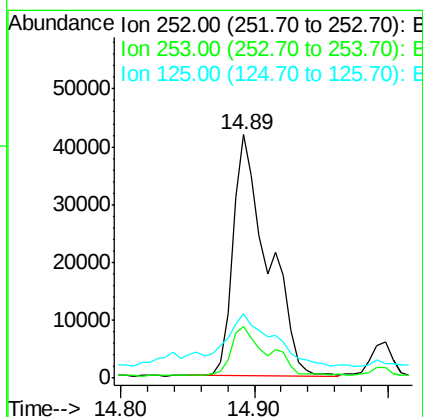
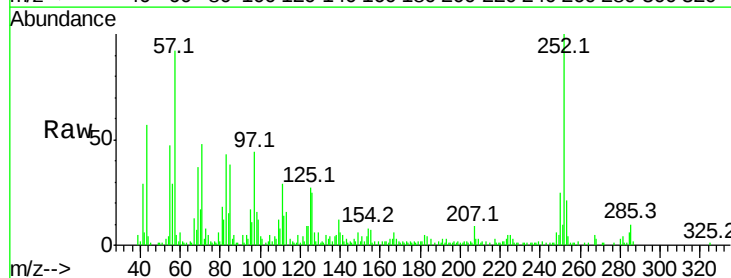
Instrument :
BNA_F
ClientSampleId :

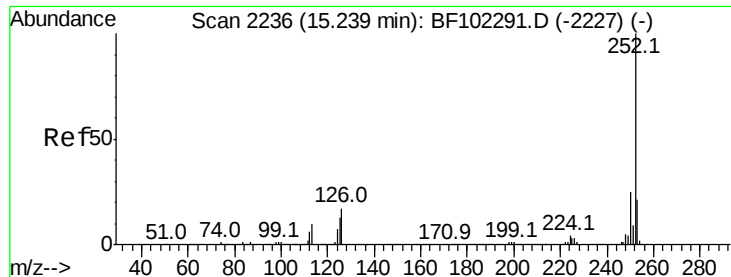
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	26.7	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 5.565 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BF102366.D
Acq: 24 Jan 2018 2:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	26.7	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 2.537 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

Instrument :

BNA_F

ClientSampleId :

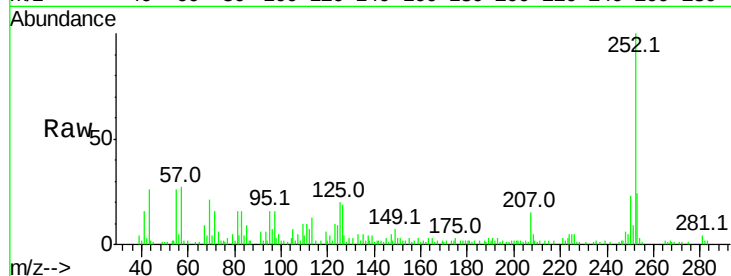
Tot Ion:252 Resp: 33023

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

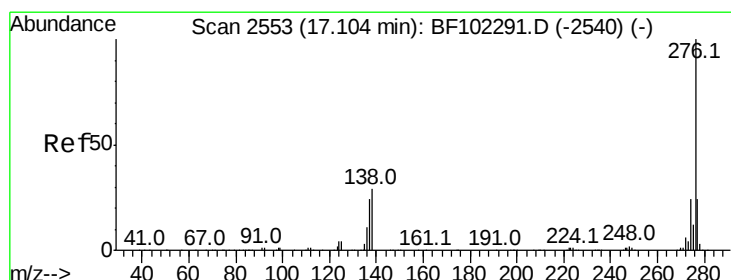
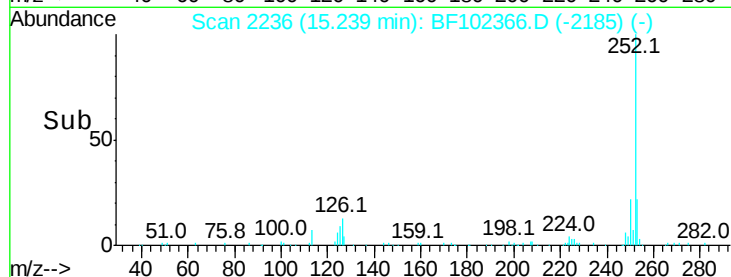
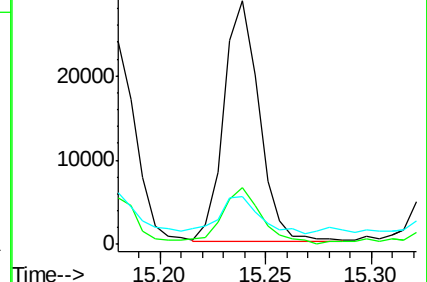
125 19.6 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 2.003 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BF102366.D

Acq: 24 Jan 2018 2:15

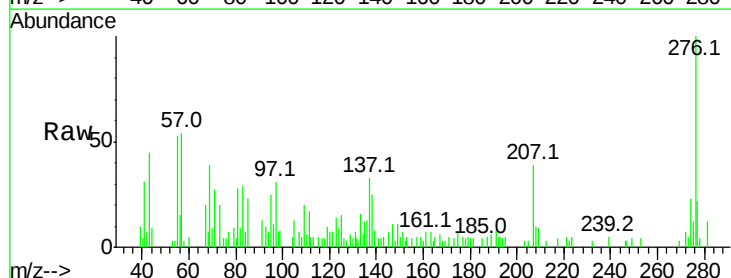
Tgt Ion:276 Resp: 20847

Ion Ratio Lower Upper

276 100

277 22.0 17.9 26.9

138 25.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

