

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102201.D
 Acq On : 18 Jan 2018 19:40
 Operator : SJ/JU
 Sample : J1187-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:15:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157808	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	619617	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	250725	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	369247	20.00	ng	0.00
75) Chrysene-d12	13.89	240	224043	20.00	ng	0.02
86) Perylene-d12	15.31	264	219183	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	550764	49.28	ng	0.00
7) Phenol-d6	6.35	99	645371	48.40	ng	0.00
23) Nitrobenzene-d5	7.28	82	388731	36.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	109620	50.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	657741	40.98	ng	0.00
78) Terphenyl-d14	12.83	244	416350	38.58	ng	0.00

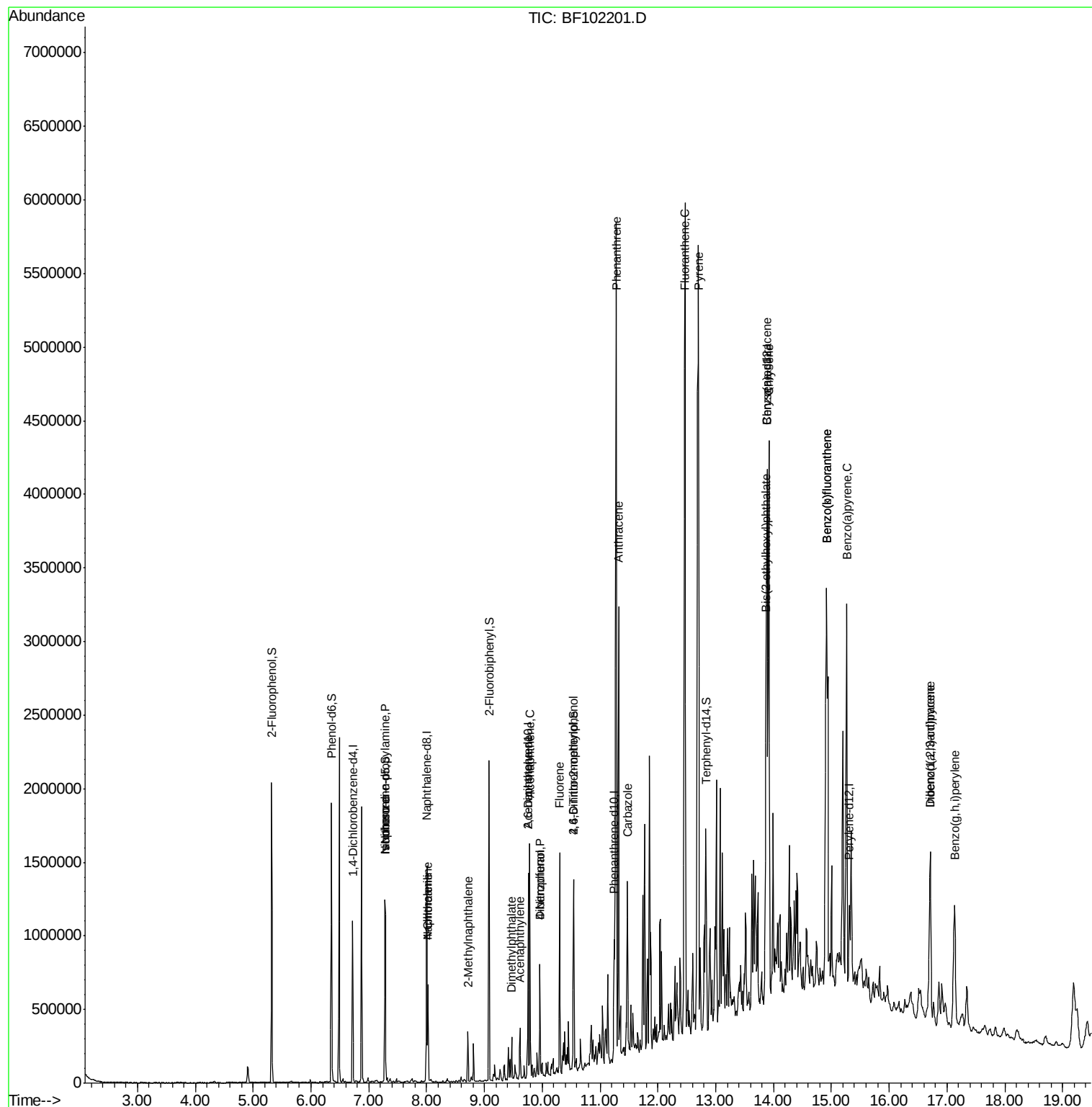
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.28	70	52892	6.053	ng	# 79
25) Isophorone	7.28	82	383759	18.420	ng	# 64
31) Naphthalene	8.02	128	249495	8.058	ng	99
33) 4-Chloroaniline	8.02	127	32307	2.445	ng	# 33
37) 2-Methylnaphthalene	8.72	142	83946	4.119	ng	99
48) Acenaphthylene	9.62	152	112062	4.109	ng	99
49) Dimethylphthalate	9.47	163	91997	4.574	ng	98
50) 2,6-Dinitrotoluene	9.76	165	38801	9.658	ng	# 26
51) Acenaphthene	9.79	154	339474	20.508	ng	99
54) Dibenzofuran	9.96	168	262030	11.534	ng	96
55) 4-Nitrophenol	9.96	139	101028	26.736	ng	# 11
57) Fluorene	10.30	166	393050	25.027	ng	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	129	5.719	ng	# 1
70) Phenanthrene	11.28	178	2923176	135.527	ng	99
71) Anthracene	11.32	178	1127981	51.565	ng	100
72) Carbazole	11.47	167	427463	19.881	ng	99
74) Fluoranthene	12.47	202	3798044	178.976	ng	99
77) Pyrene	12.70	202	3379169	170.631	ng	98
80) Benzo(a)anthracene	13.88	228	2062093	144.257	ng	99
82) Chrysene	13.92	228	1629115	109.297	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	85951	8.244	ng	99
85) Indeno(1,2,3-cd)pyrene	16.71	276	790612	72.877	ng	95
87) Benzo(b)fluoranthene	14.92	252	2688994	188.154	ng	# 95
88) Benzo(k)fluoranthene	14.92	252	2688994	195.044	ng	98
89) Benzo(a)pyrene	15.27	252	1424702	110.783	ng	97
90) Dibenzo(a,h)anthracene	16.72	278	199726	19.461	ng	93
91) Benzo(g,h,i)perylene	17.13	276	728500	70.468	ng	97

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

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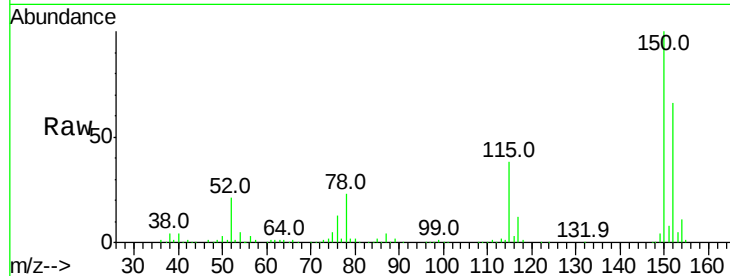


#1

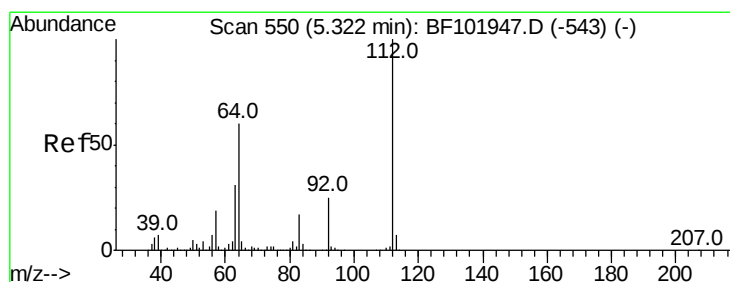
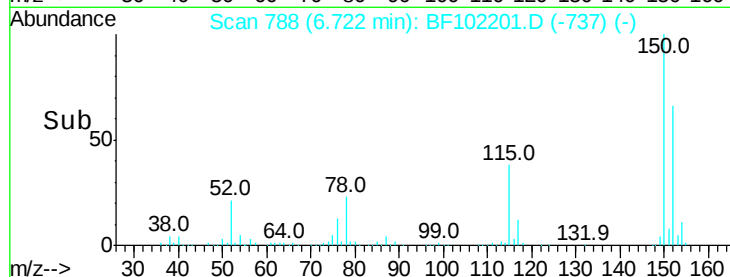
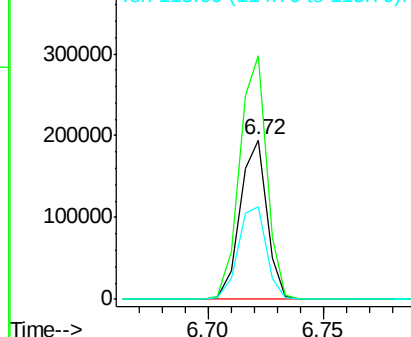
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	57.7	50.1	75.1



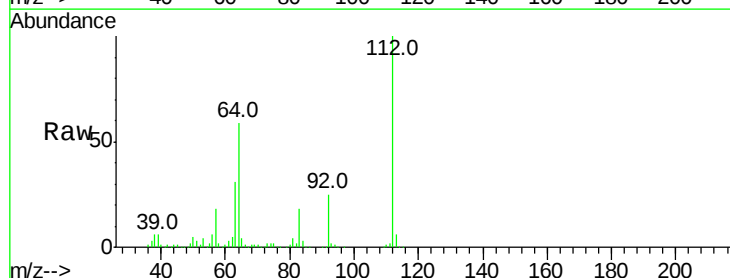
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



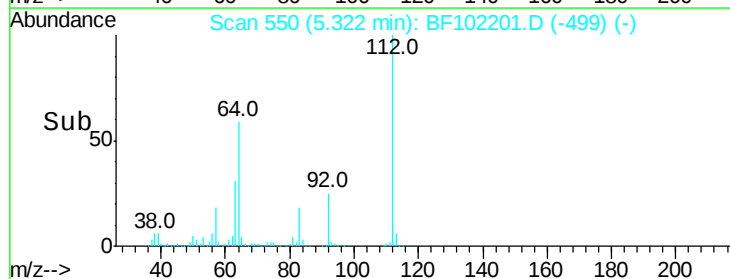
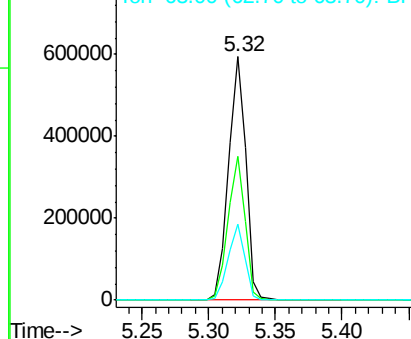
#5

2-Fluorophenol
Concen: 49.283 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.2	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: 48.402 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

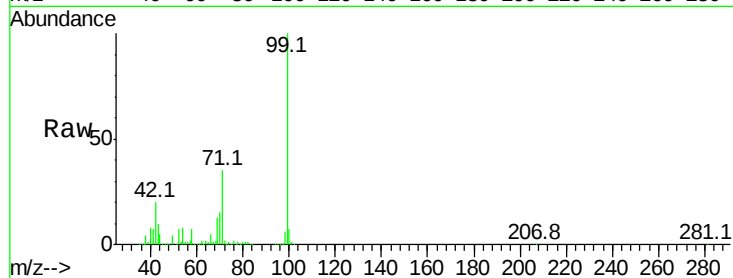
Tot Ion: 99 Resp: 645371

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

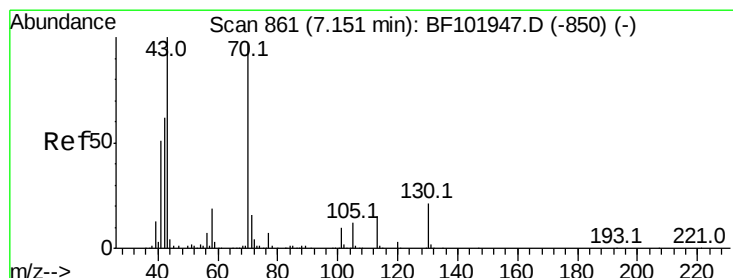
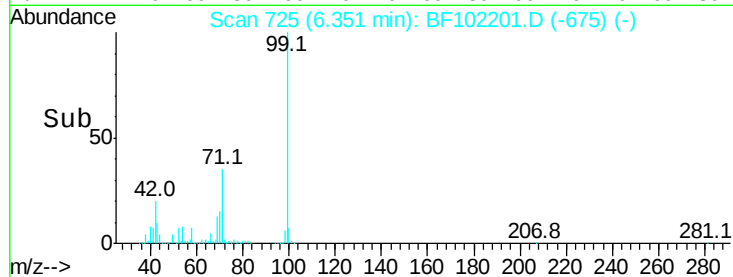
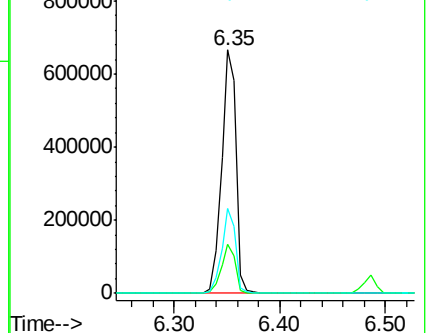
71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 6.053 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Tgt Ion: 70 Resp: 52892

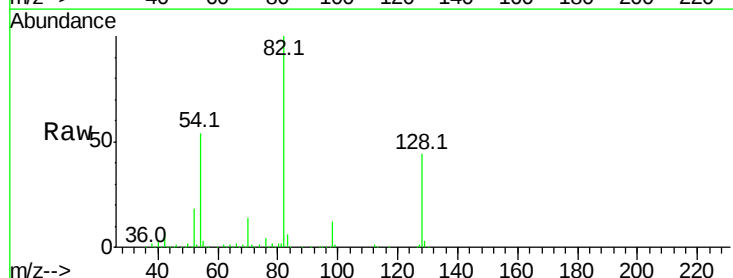
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

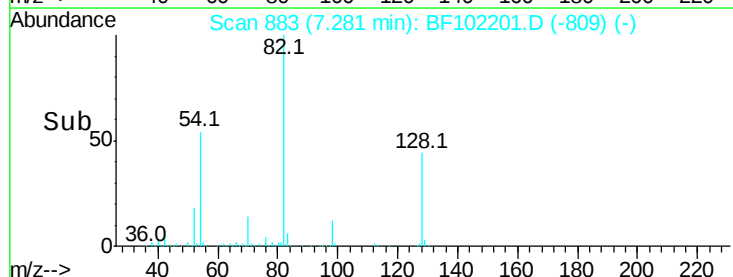
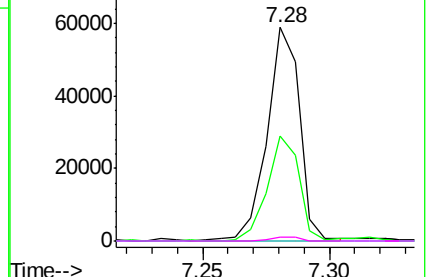


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

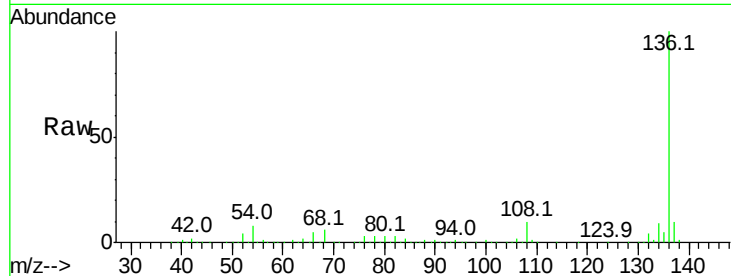




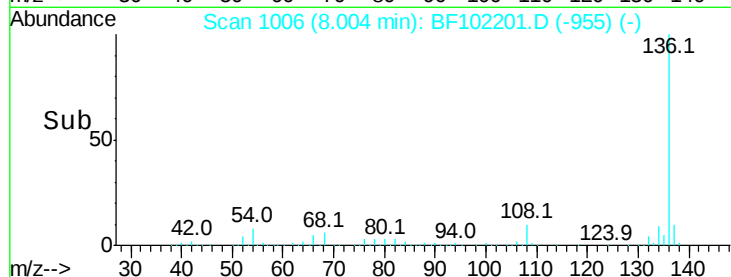
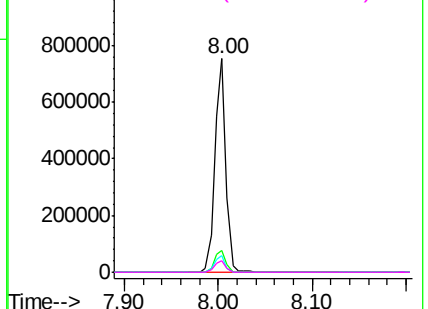
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	619617
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.8	6.6	9.8
68	5.5	5.0	7.4

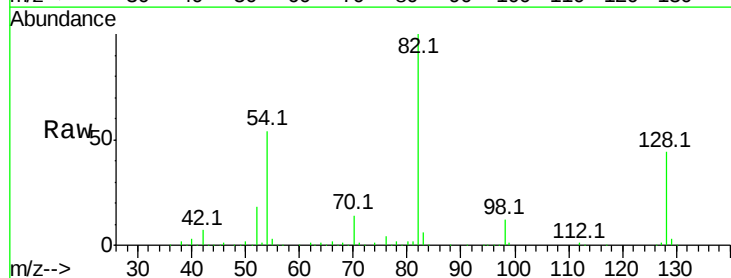


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

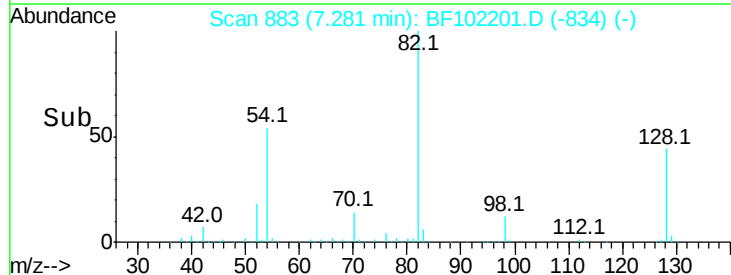
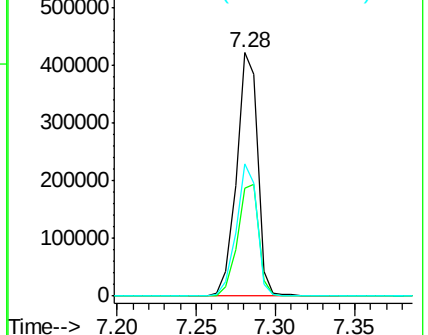


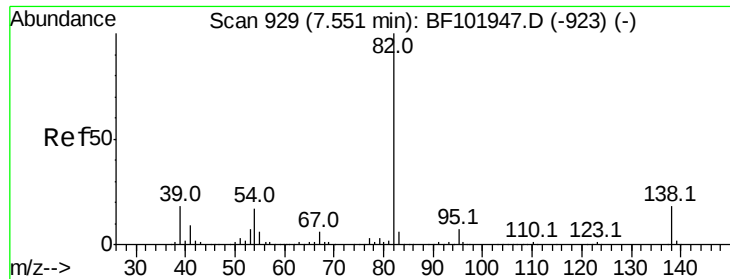
#23
Nitrobenzene-d5
Concen: 36.867 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion:	82	Resp:	388731
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	54.3	41.4	62.2



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





#25

Isophorone

Concen: 18.420 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

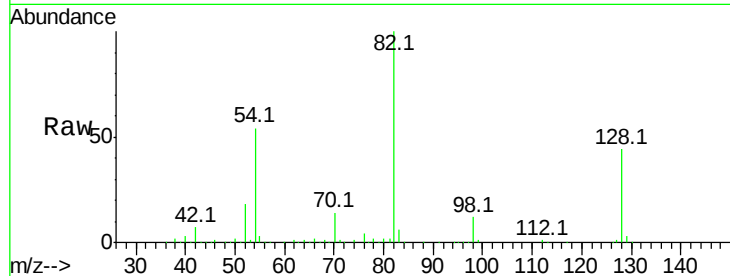
Tot Ion: 82 Resp: 383759

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

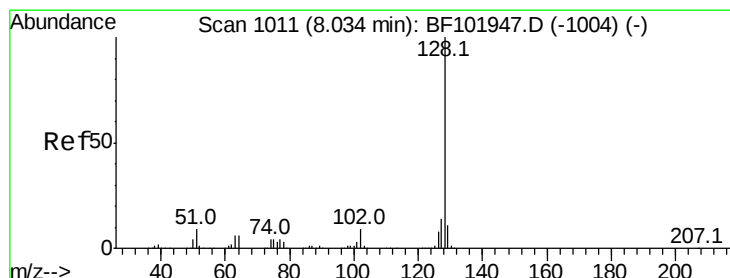
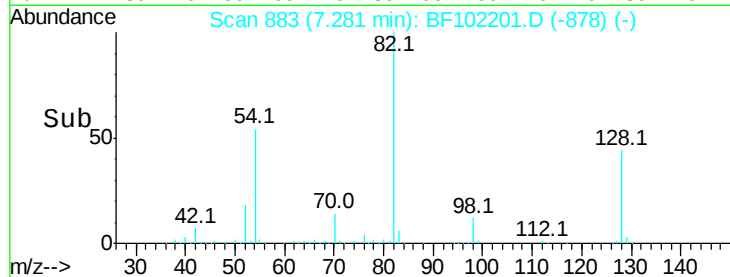
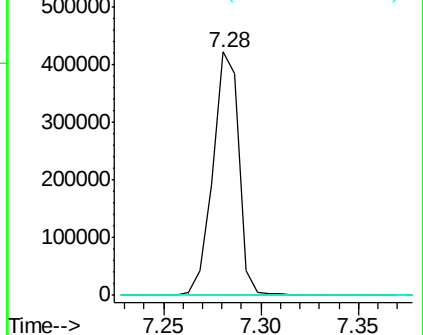
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 8.058 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

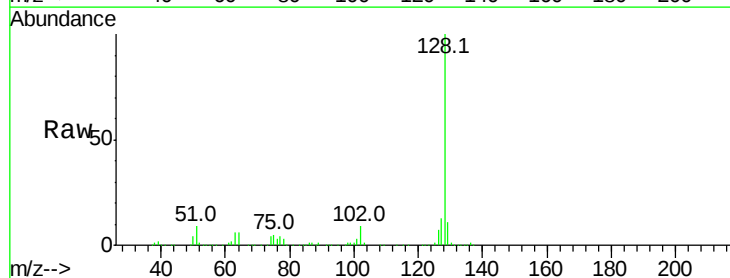
Tgt Ion: 128 Resp: 249495

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

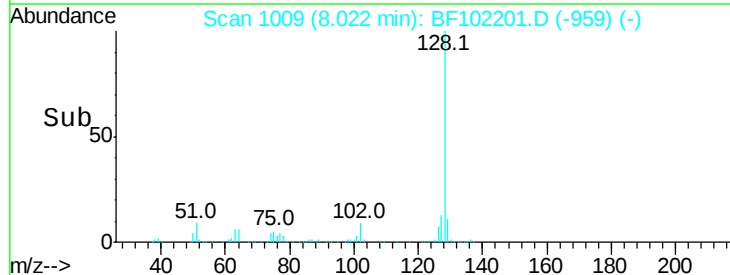
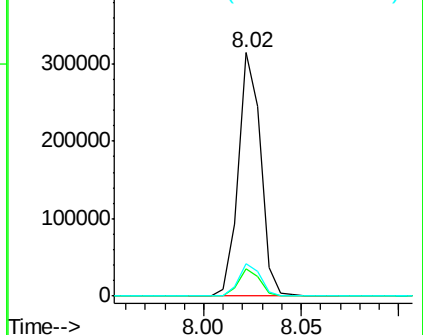
127 13.4 10.9 16.3

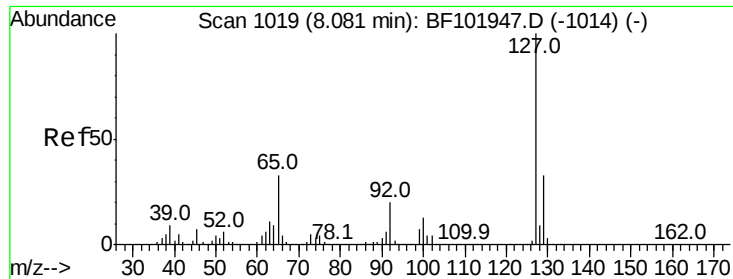


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

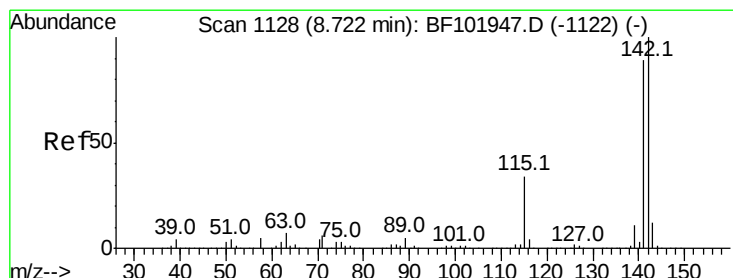
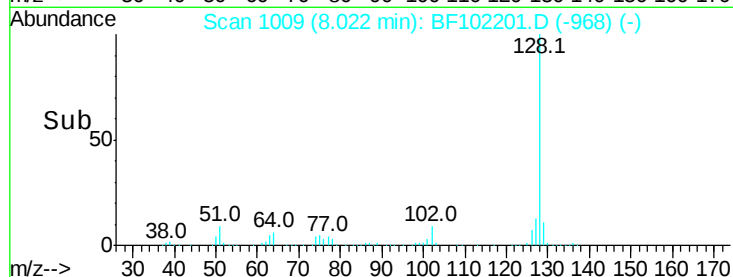
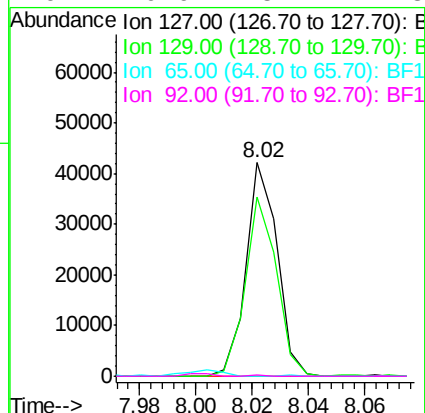
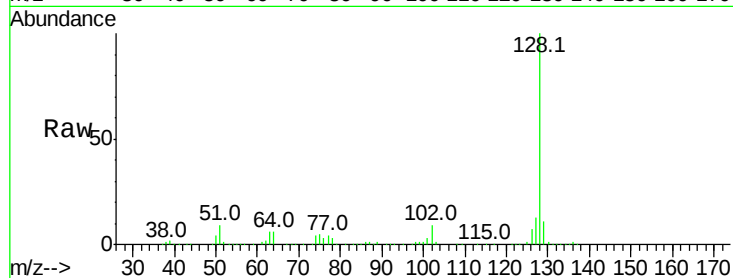




#33
4-Chloroaniline
Concen: 2.445 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

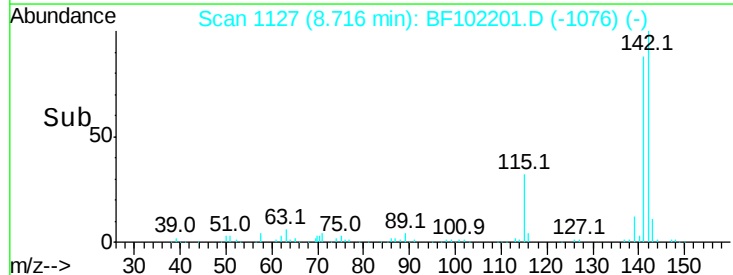
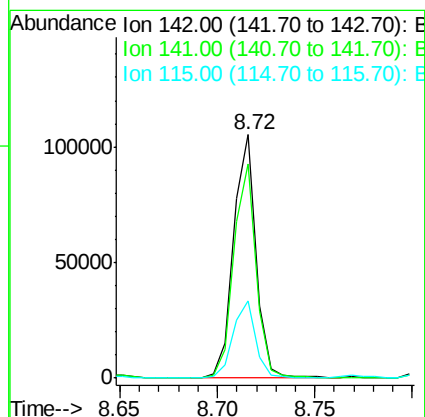
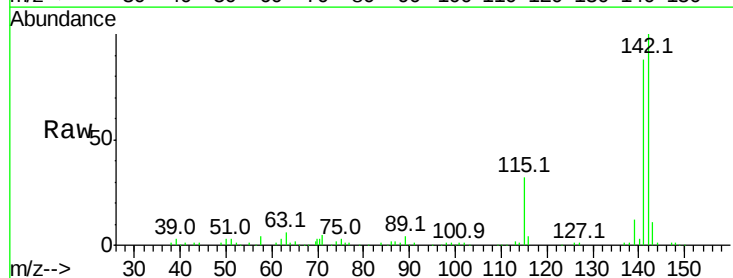
Instrument :
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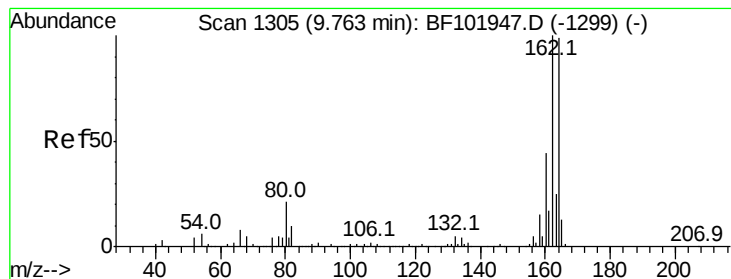
Tot Ion:	127	Resp:	32307
Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.9	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 4.119 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion:	142	Resp:	83946
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	31.5	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

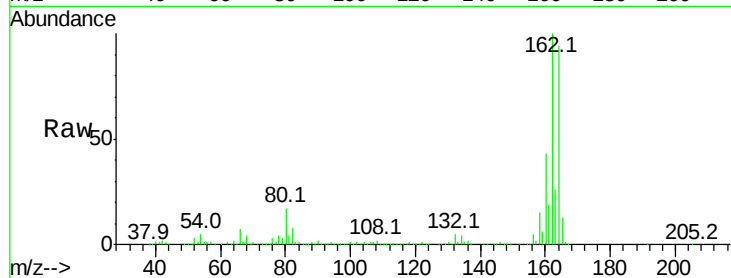
Tot Ion:164 Resp: 250725

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

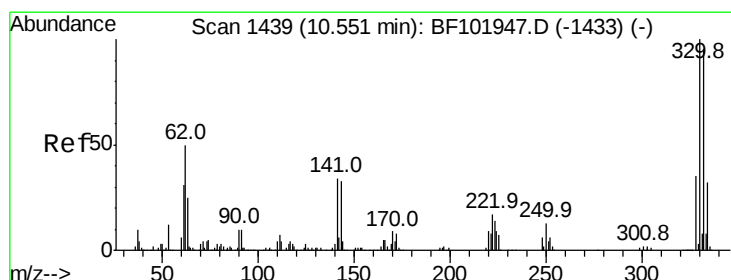
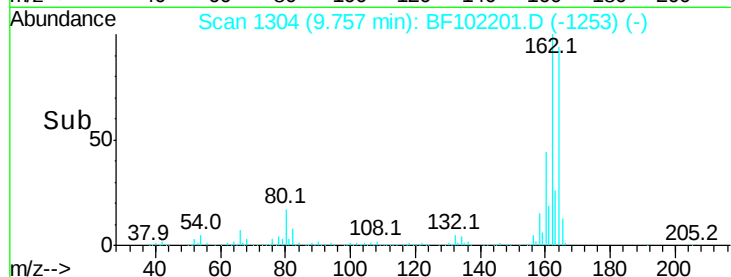
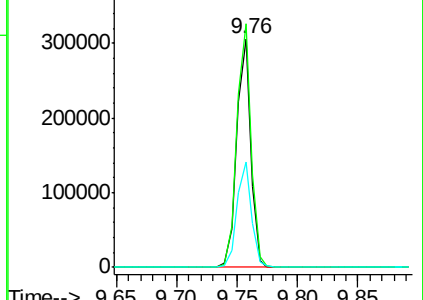
160 46.3 38.3 57.5



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: 50.100 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

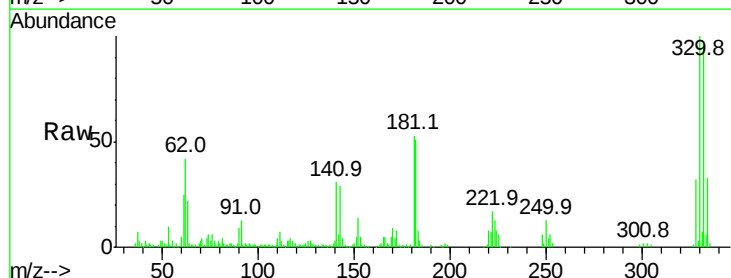
Tgt Ion:330 Resp: 109620

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

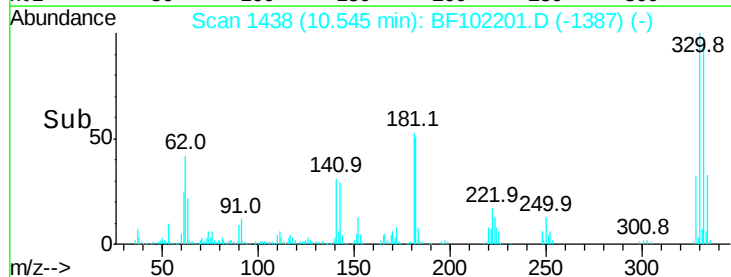
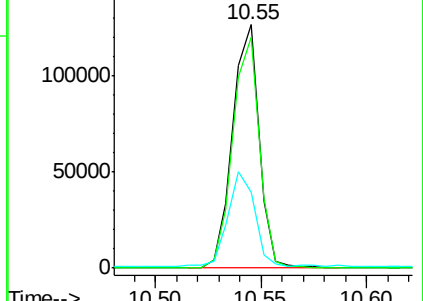
141 40.7 29.9 44.9

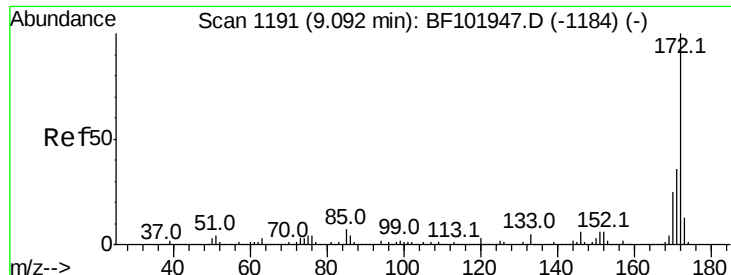


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



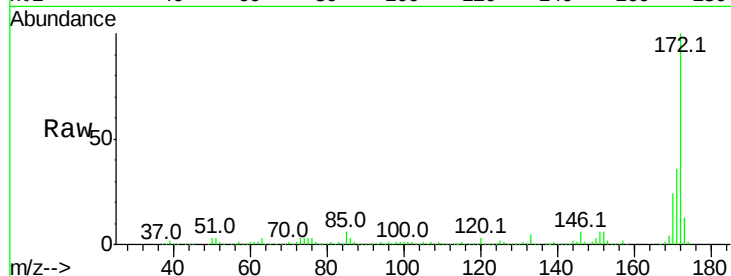


#44
 2-Fluorobiphenyl
 Concen: 40.984 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102201.D
 Acq: 18 Jan 2018 19:40

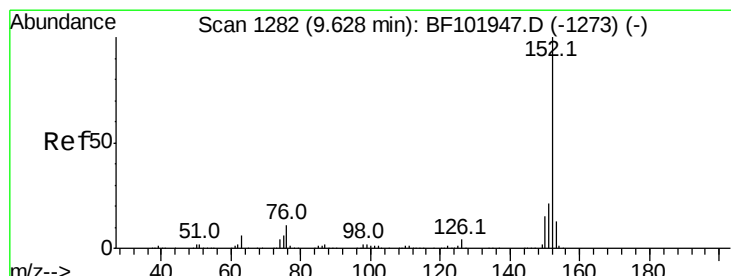
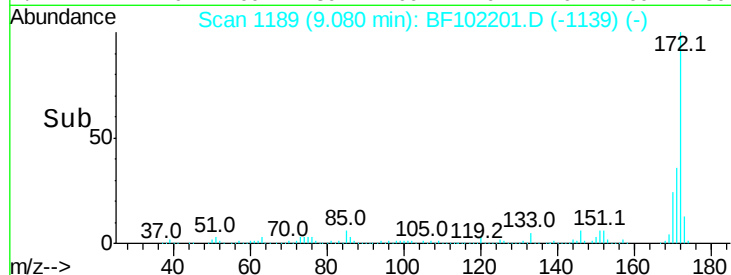
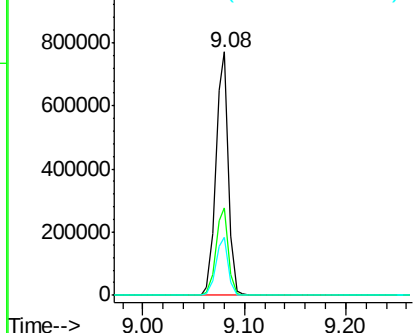
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 657741

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



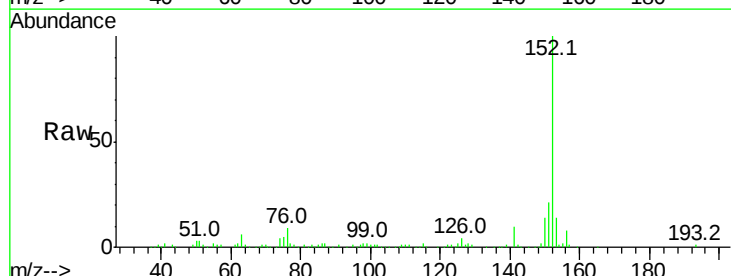
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



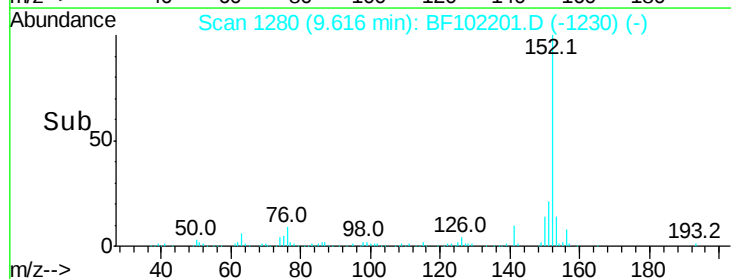
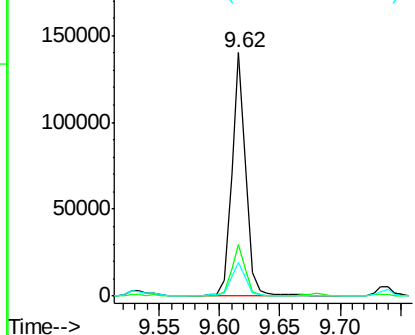
#48
 Acenaphthylene
 Concen: 4.109 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF102201.D
 Acq: 18 Jan 2018 19:40

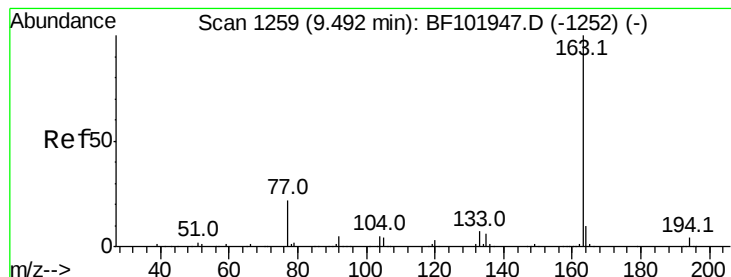
Tgt Ion:152 Resp: 112062

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.0	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.574 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

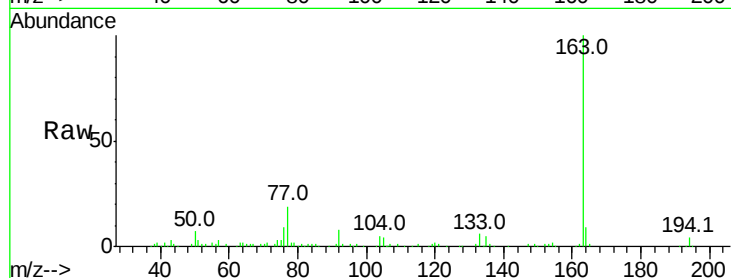
Tot Ion:163 Resp: 91997

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

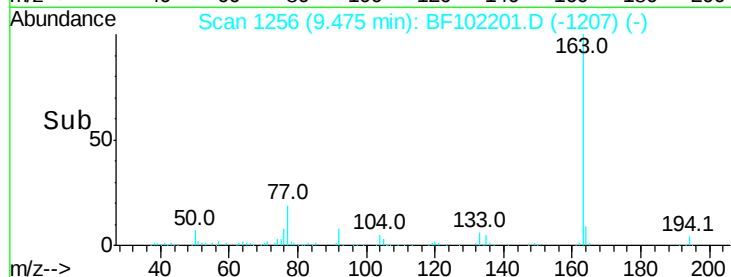
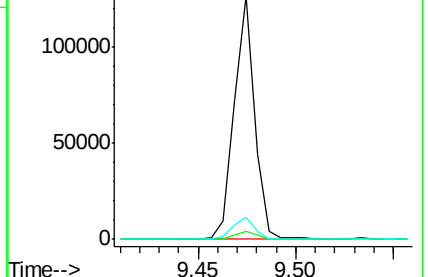
164 9.2 8.2 12.2



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: 9.658 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

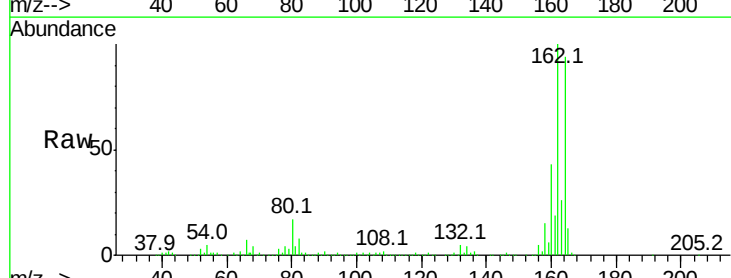
Tgt Ion:165 Resp: 38801

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

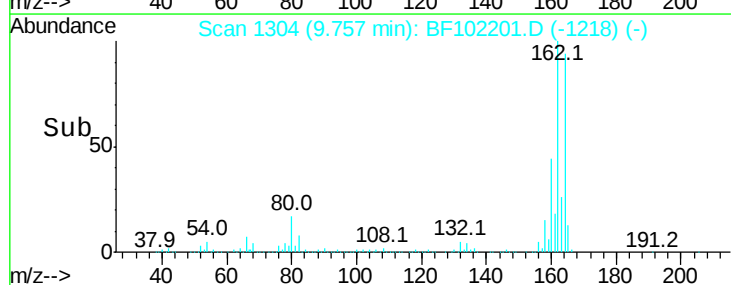
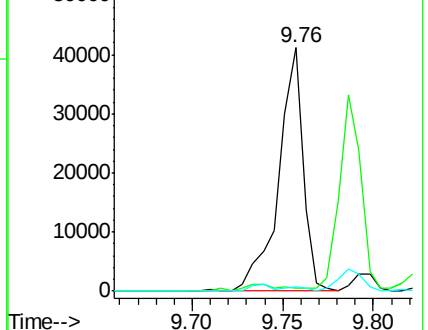
89 1.9 44.0 66.0#

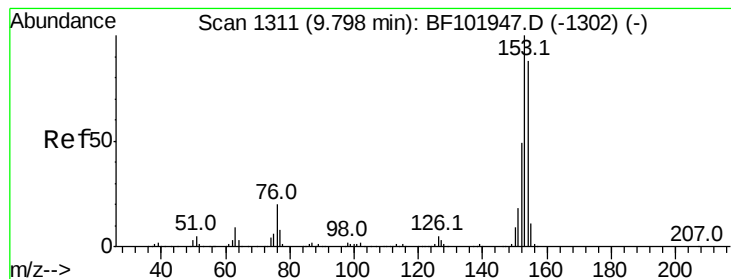


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 20.508 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampled :

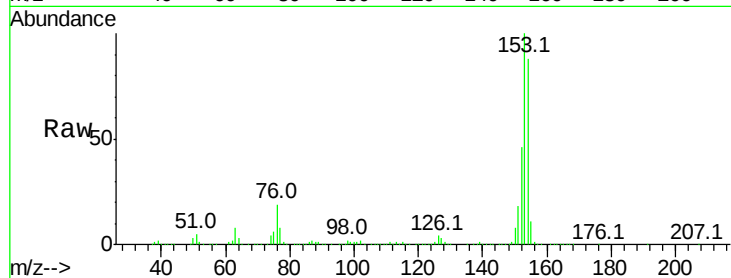
Tot Ion:154 Resp: 339474

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

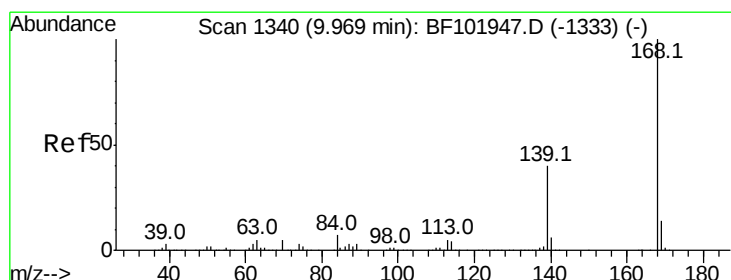
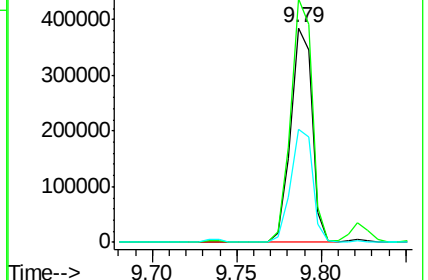
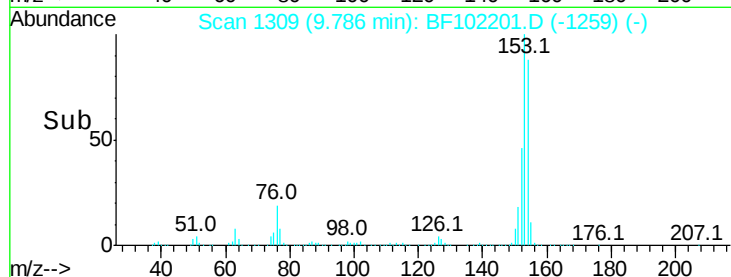
152 52.5 43.8 65.8



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



#54

Dibenzofuran

Concen: 11.534 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

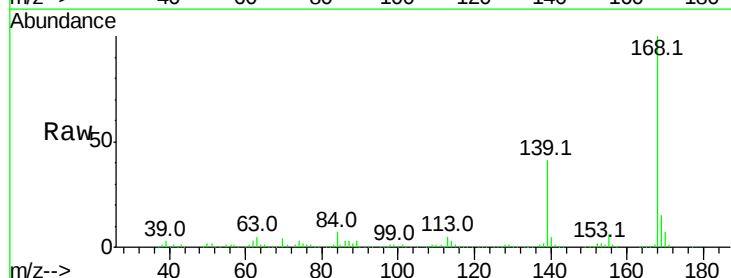
Tgt Ion:168 Resp: 262030

Ion Ratio Lower Upper

168 100

139 40.6 30.1 45.1

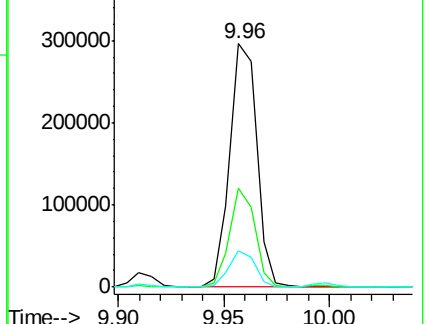
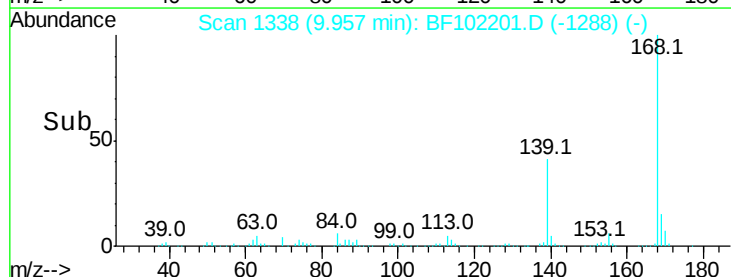
169 14.7 10.9 16.3

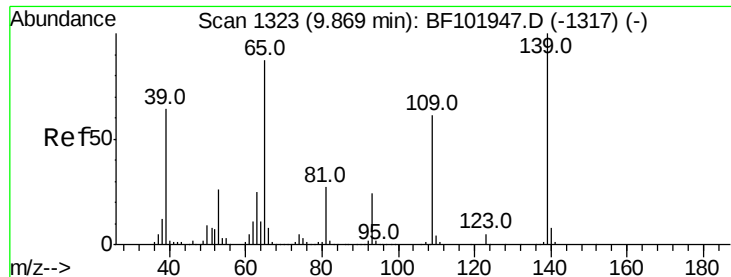


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

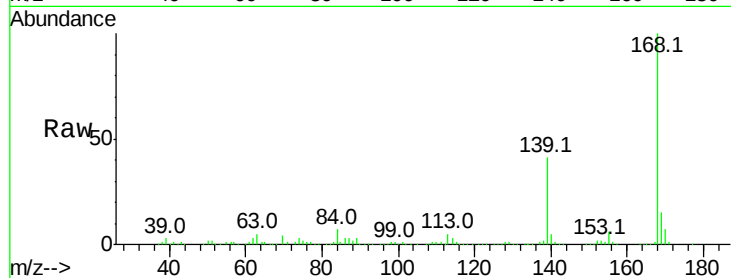




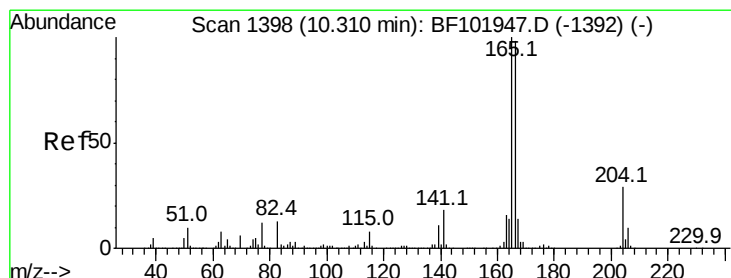
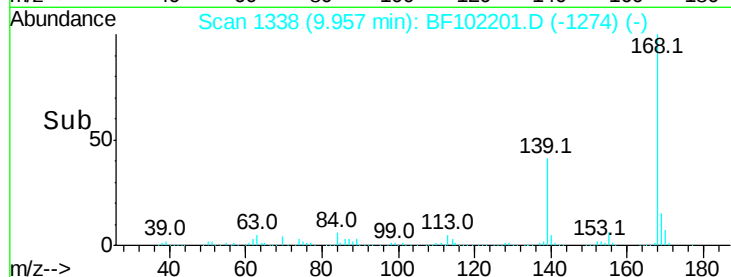
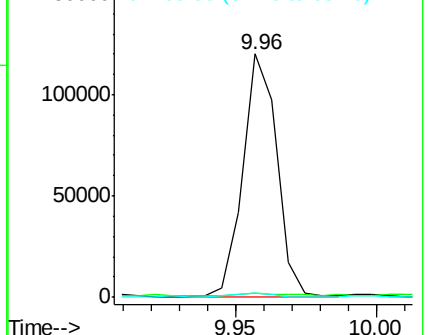
#55
4-Nitrophenol
Concen: 26.736 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 101028
Ion Ratio Lower Upper
139 100
109 1.7 48.4 88.4#
65 2.0 72.6 112.6#

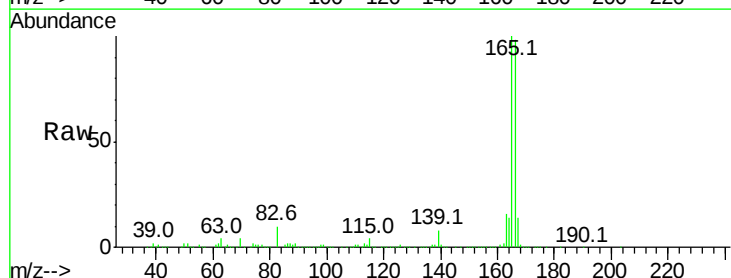


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

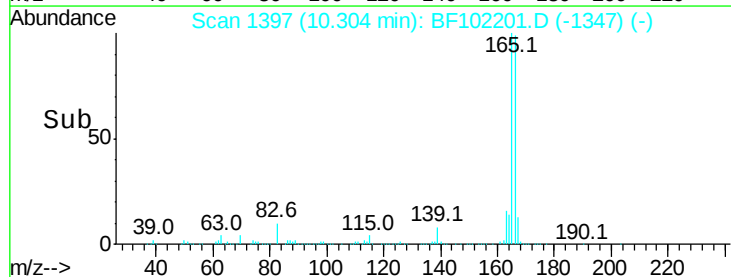
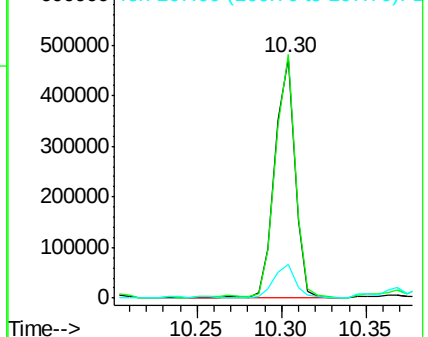


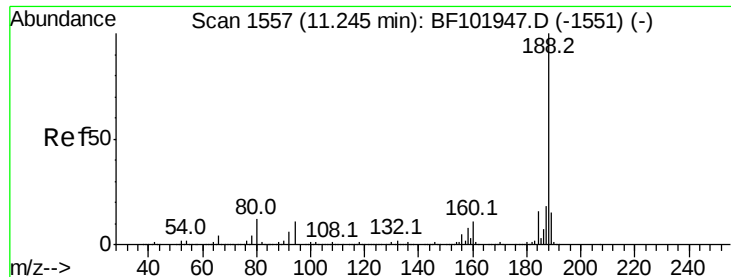
#57
Fluorene
Concen: 25.027 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion:166 Resp: 393050
Ion Ratio Lower Upper
166 100
165 101.5 79.8 119.8
167 13.8 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

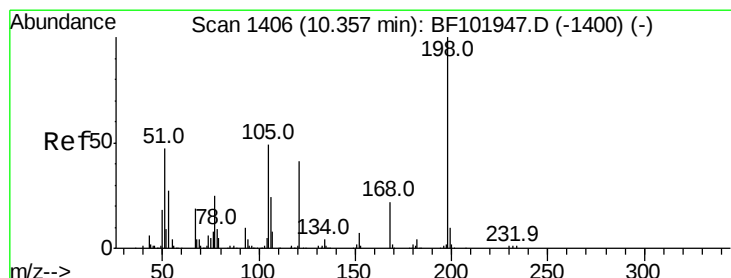
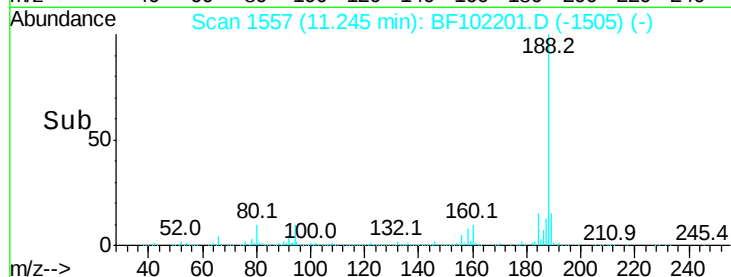
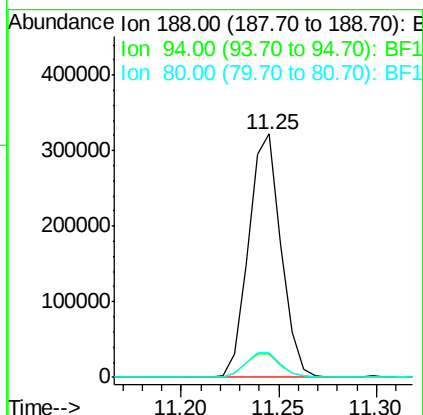
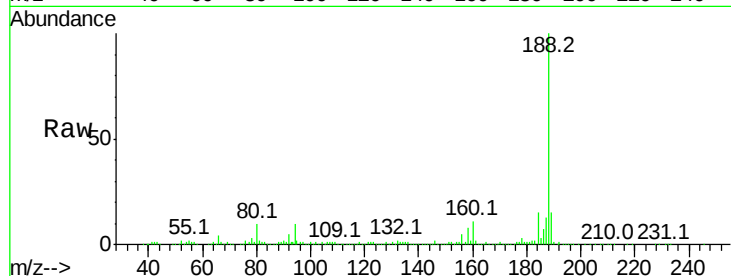




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

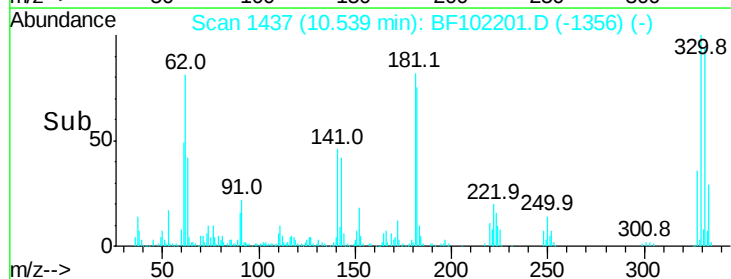
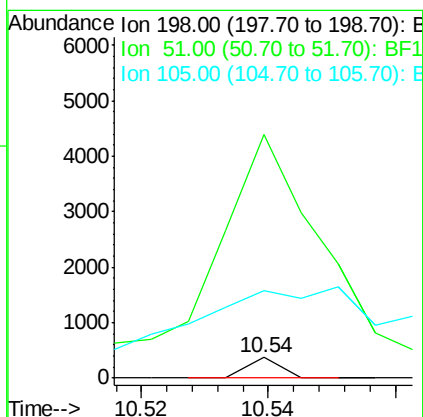
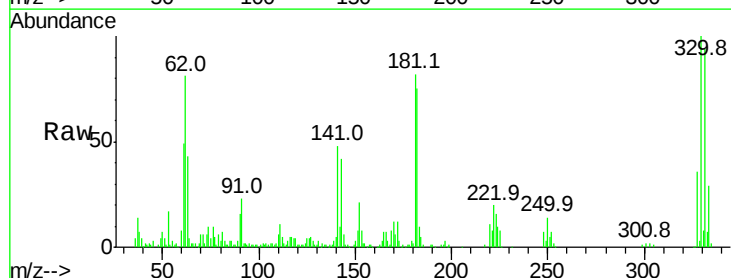
Instrument :
BNA_F
ClientSampleId :

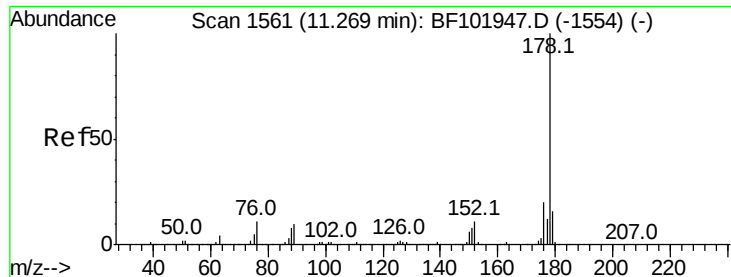
Tot Ion:188 Resp: 369247
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.719 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion:198 Resp: 129
Ion Ratio Lower Upper
198 100
51 1200.0 37.7 77.7#
105 430.3 36.3 76.3#





#70

Phenanthrene

Concen: 135.527 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

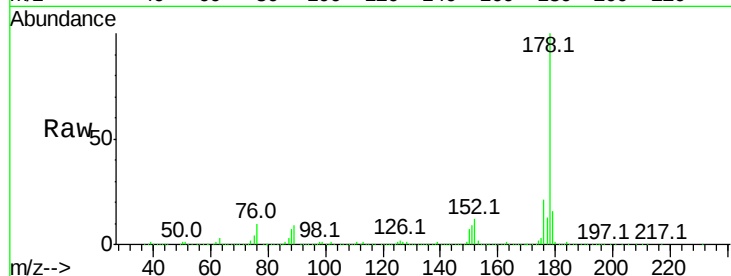
Tot Ion:178 Resp: 2923176

Ion Ratio Lower Upper

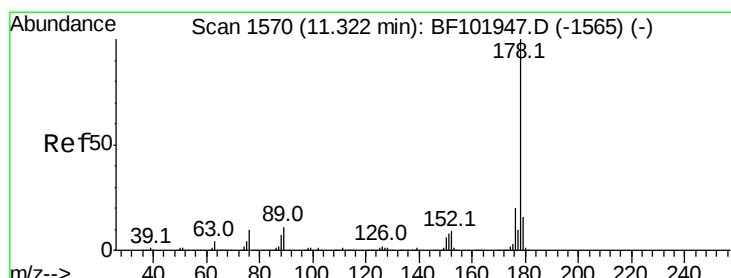
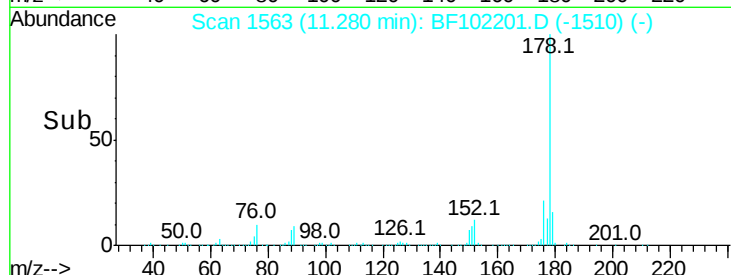
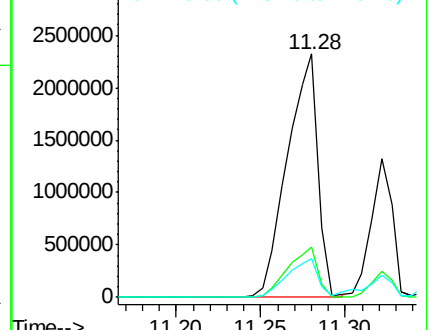
178 100

176 20.6 15.8 23.8

179 15.9 13.0 19.6



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



#71

Anthracene

Concen: 51.565 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

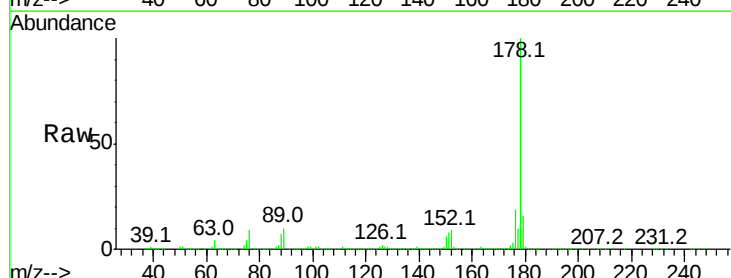
Tgt Ion:178 Resp: 1127981

Ion Ratio Lower Upper

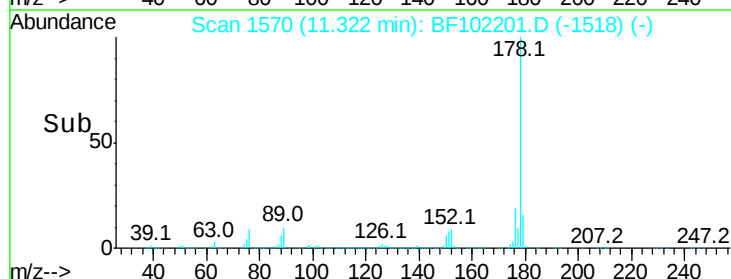
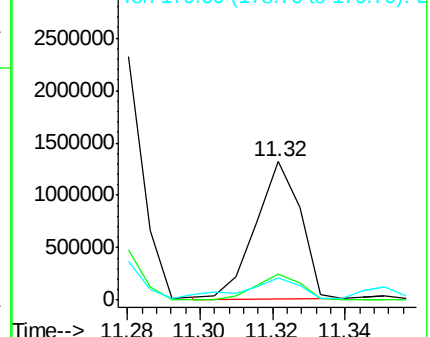
178 100

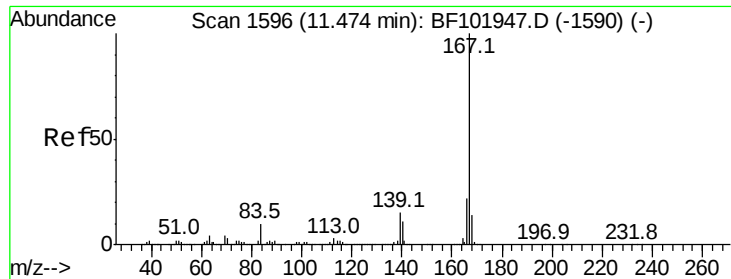
176 19.1 15.4 23.2

179 15.6 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: 19.881 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

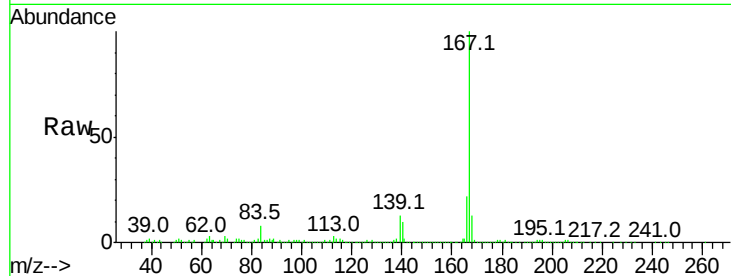
Tot Ion:167 Resp: 427463

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

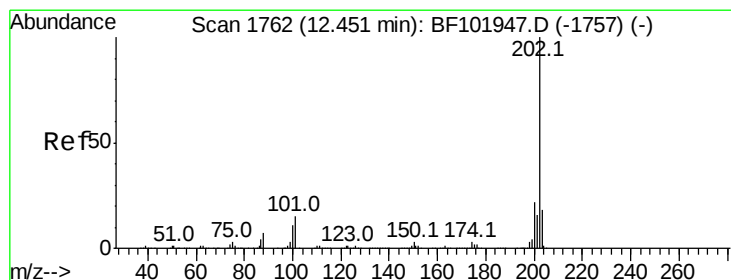
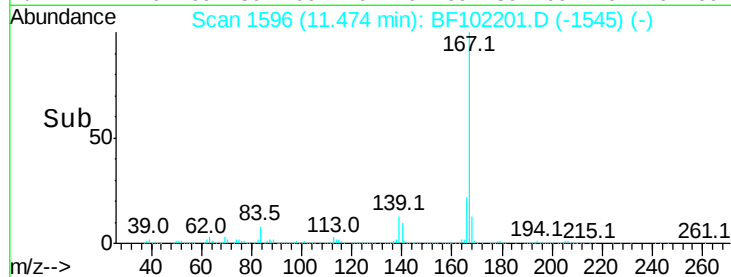
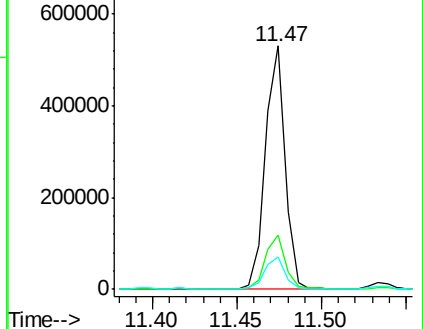
139 13.4 10.9 16.3



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



#74

Fluoranthene

Concen: 178.976 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.02 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

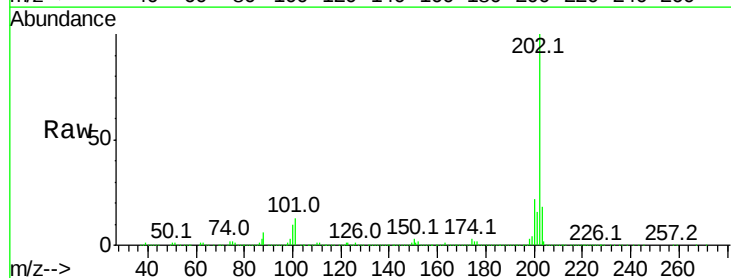
Tgt Ion:202 Resp: 3798044

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

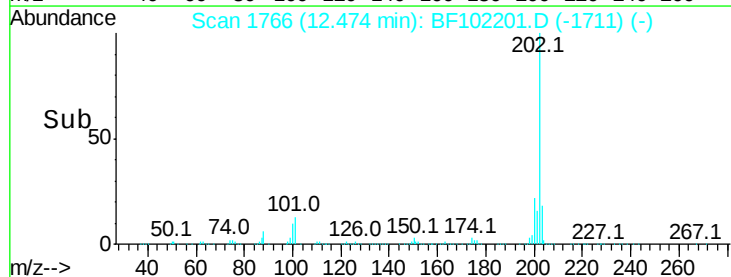
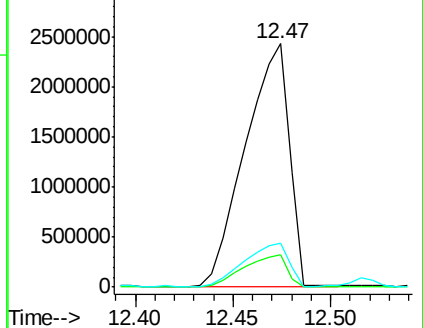
203 18.2 0.0 38.1

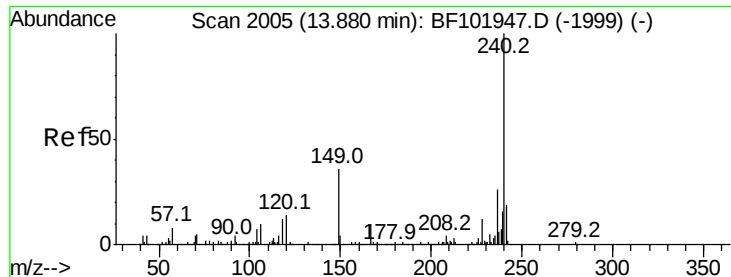


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2007

Delta R.T. 0.02 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

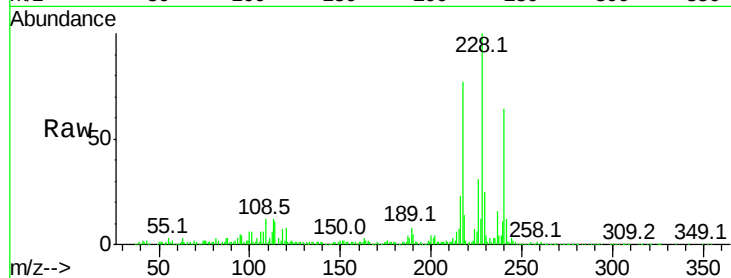
Tot Ion:240 Resp: 224043

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

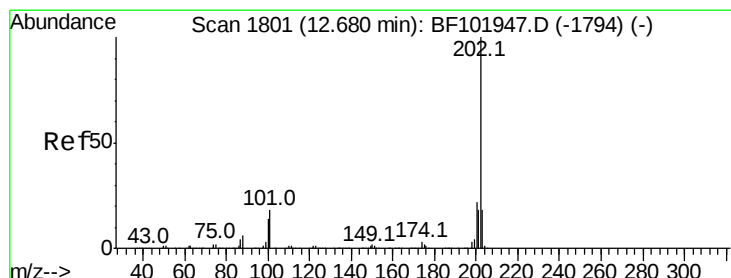
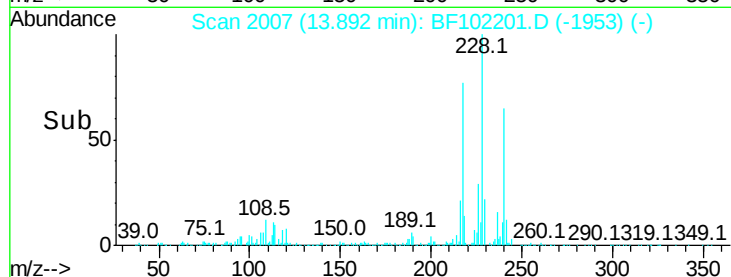
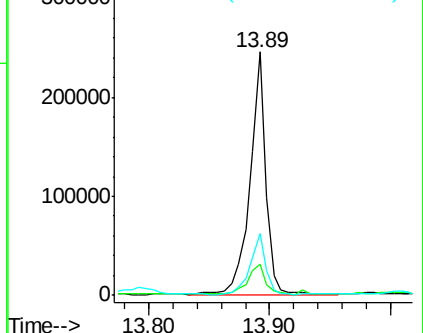
236 25.5 20.7 31.1



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



#77

Pyrene

Concen: 170.631 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.02 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

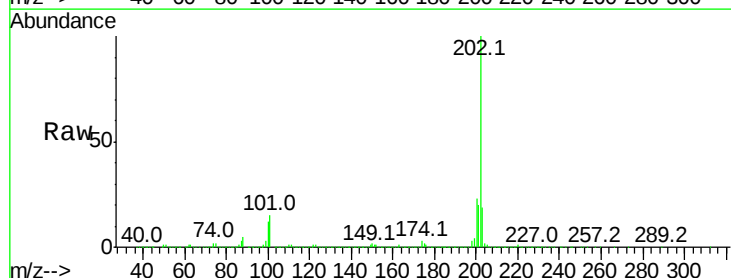
Tgt Ion:202 Resp: 3379169

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

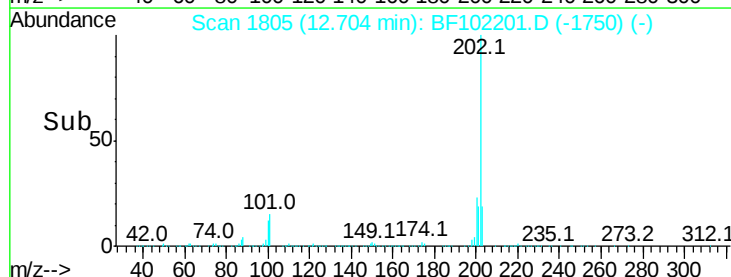
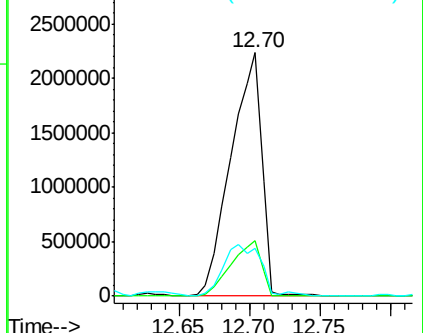
203 19.4 14.3 21.5

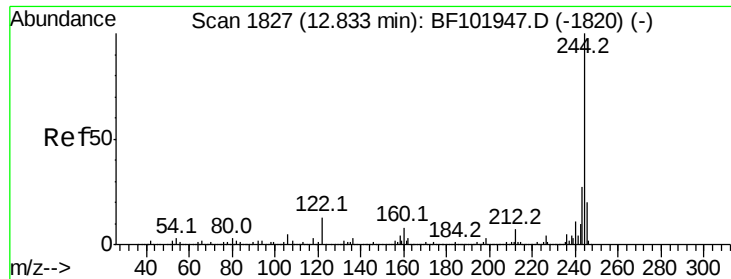


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.584 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

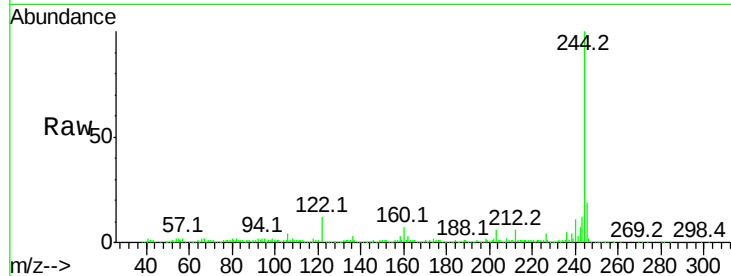
Tot Ion:244 Resp: 416350

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

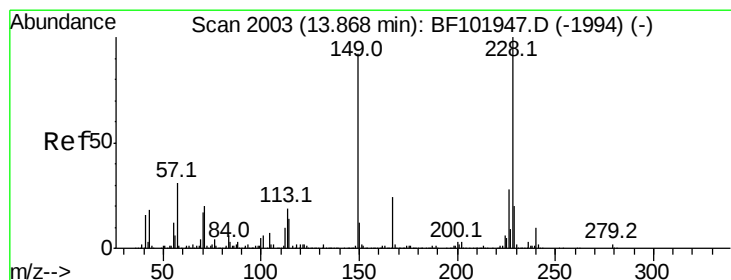
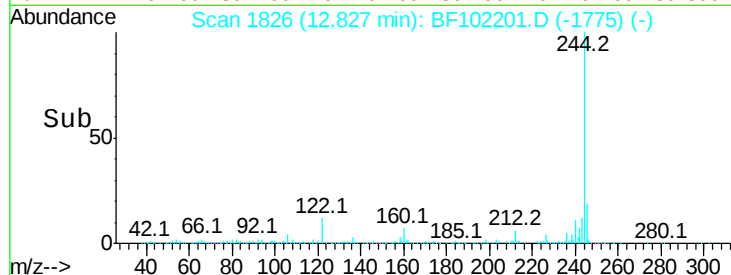
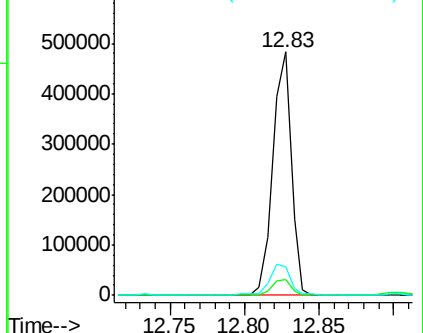
122 12.0 11.0 16.4



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: 144.257 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

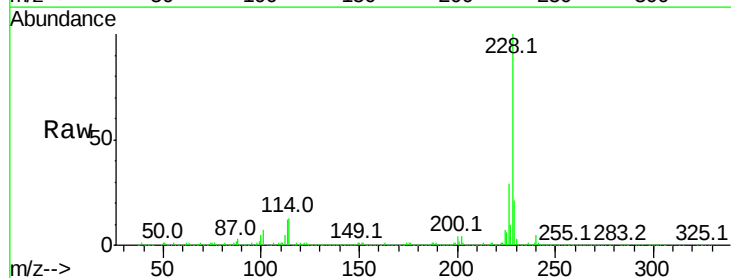
Tgt Ion:228 Resp: 2062093

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

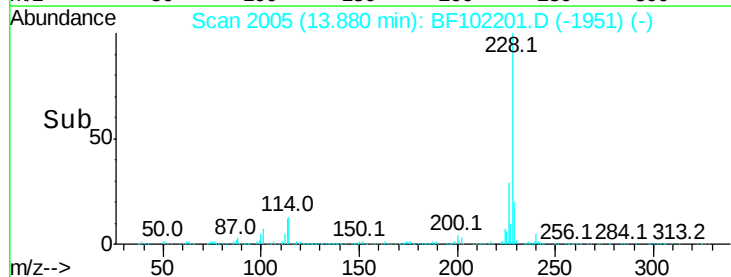
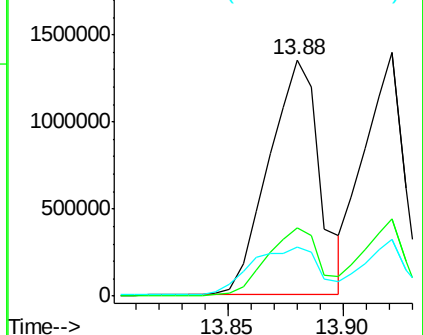
229 20.5 15.8 23.6

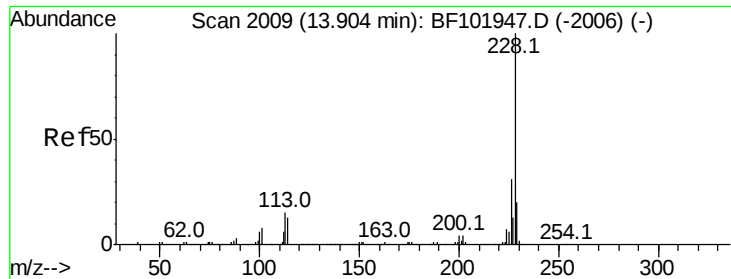


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

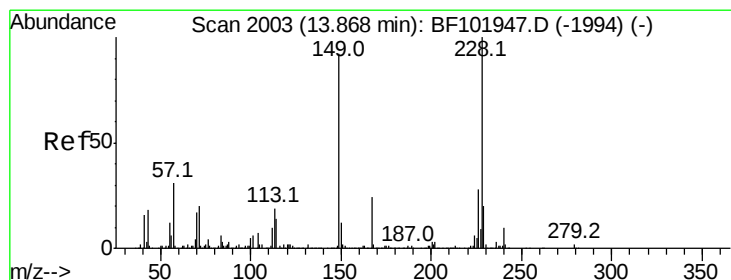
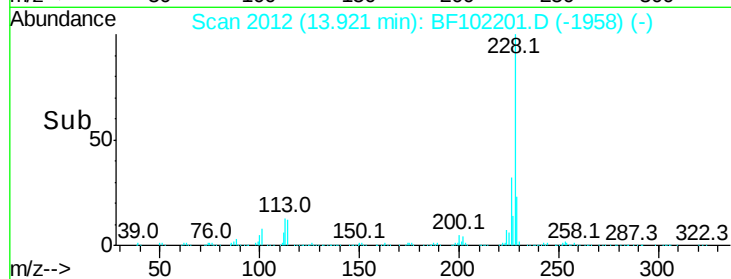
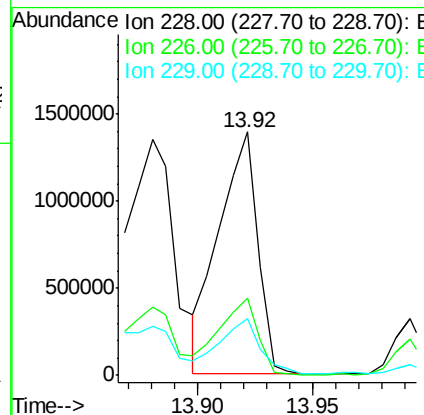
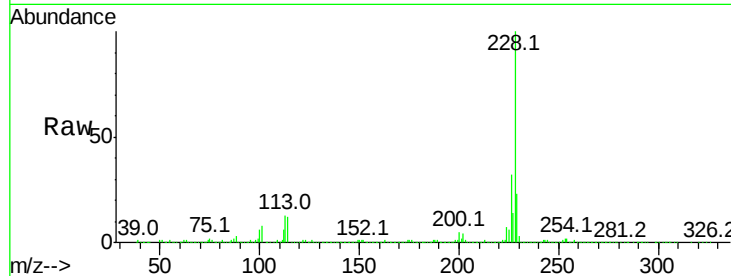




#82
Chrysene
Concen: 109.297 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

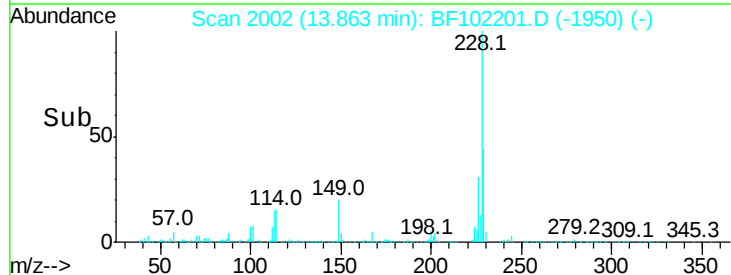
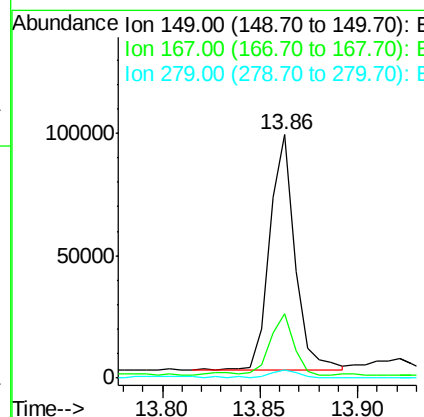
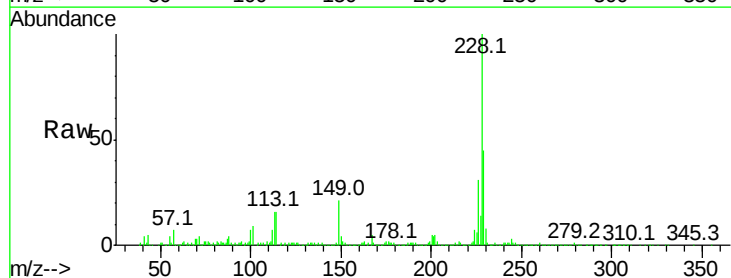
Instrument :
BNA_F
ClientSampleId :

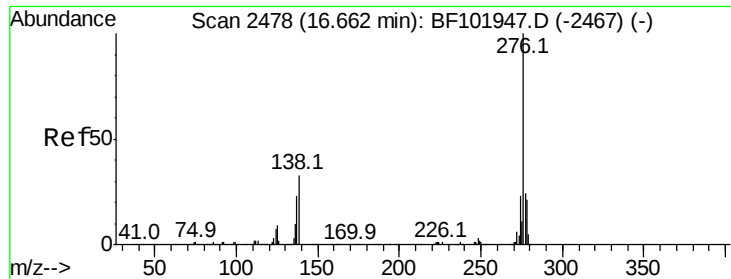
Tot Ion:228 Resp: 1629115
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.6
229 23.3 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 8.244 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion:149 Resp: 85951
Ion Ratio Lower Upper
149 100
167 26.3 21.3 31.9
279 3.2 3.0 4.4

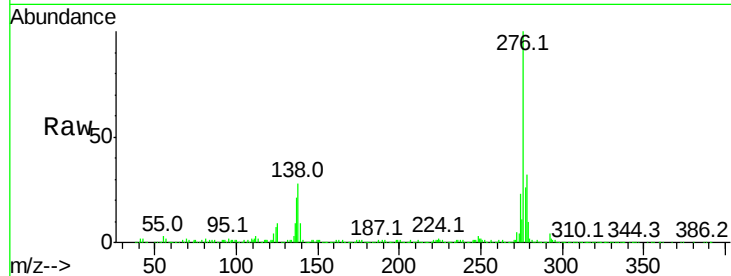




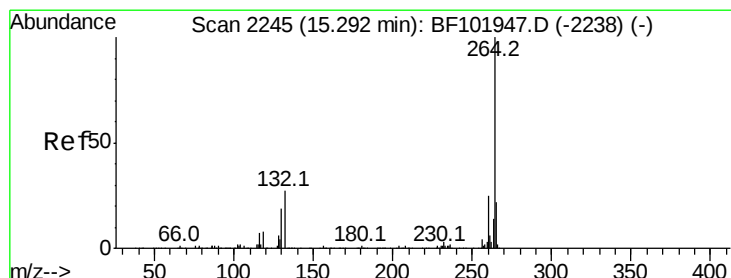
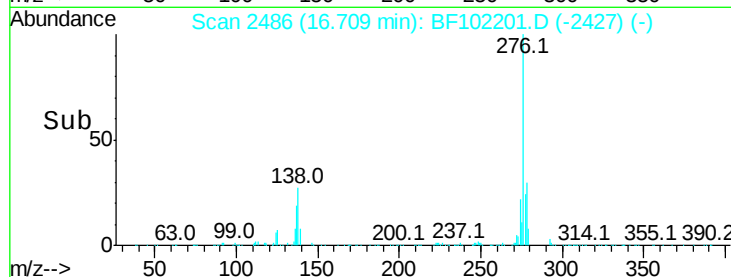
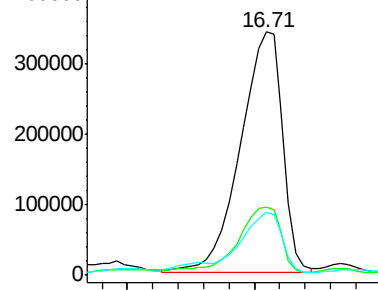
#85
Indeno(1,2,3-cd)pyrene
Concen: 72.877 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.05 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	27.3	20.1	30.1

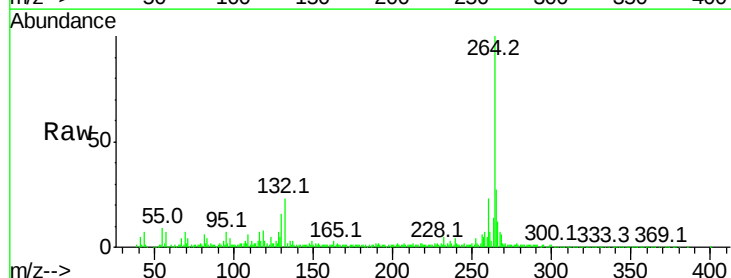


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

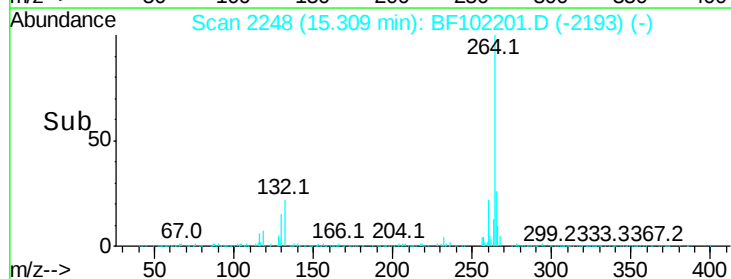
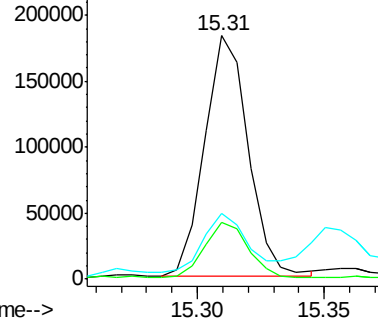


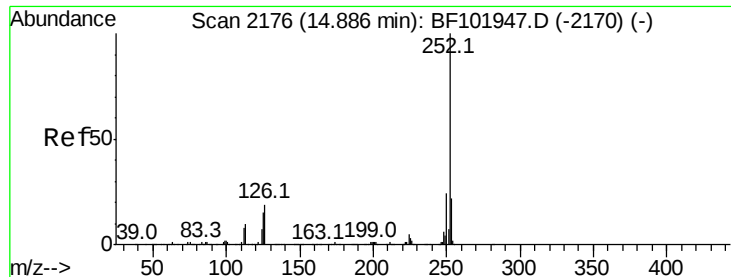
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	27.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 188.154 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.03 min

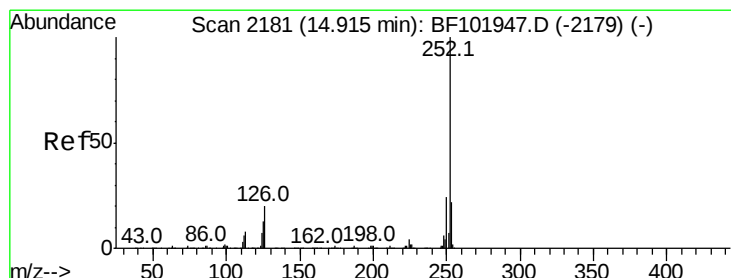
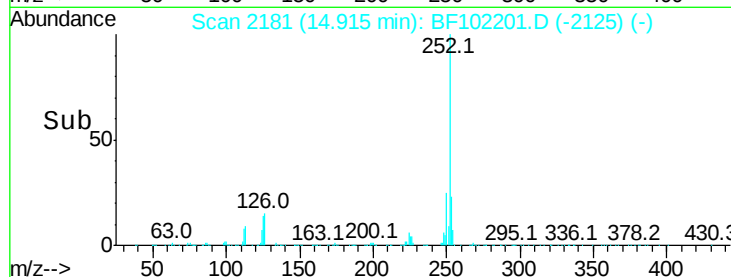
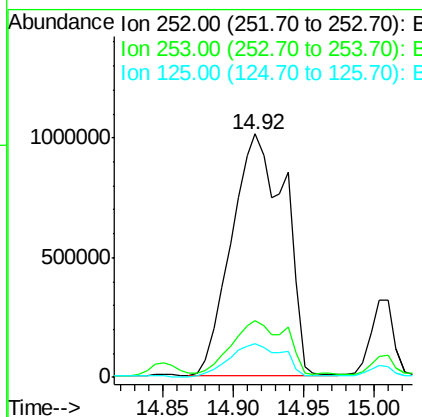
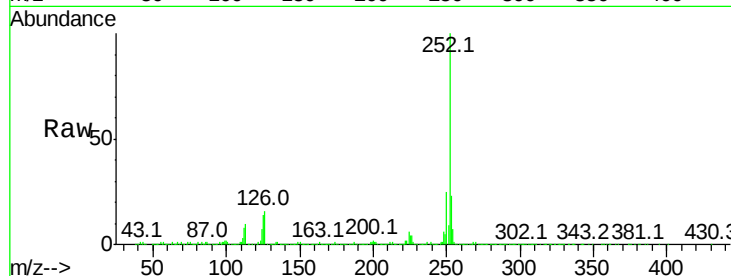
Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2688994

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.9	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 195.044 ng

RT: 14.92 min Scan# 2181

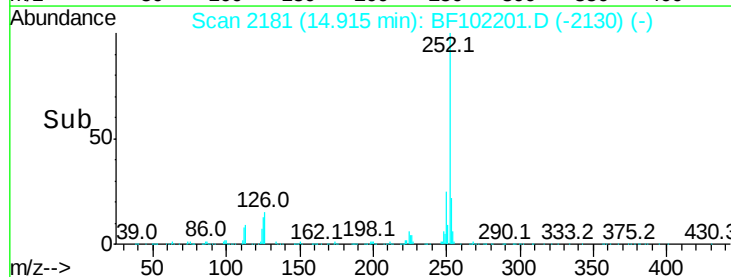
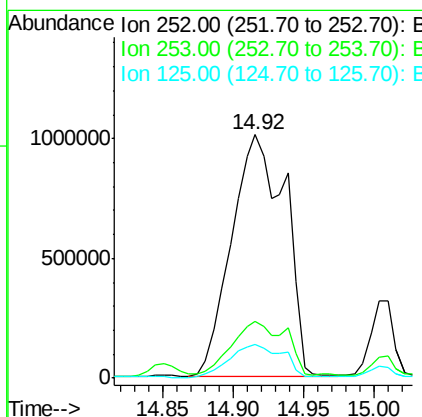
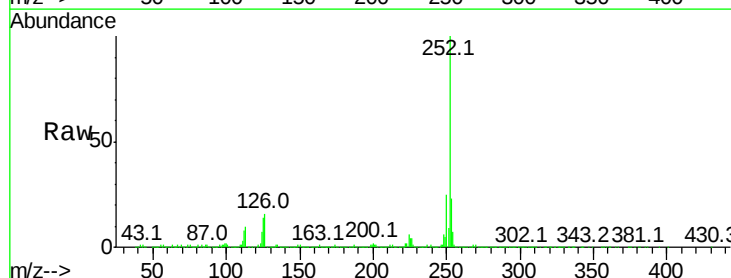
Delta R.T. -0.00 min

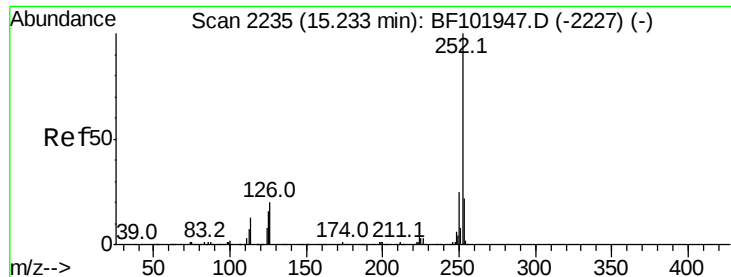
Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Tgt Ion:252 Resp: 2688994

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.9	10.2	15.2

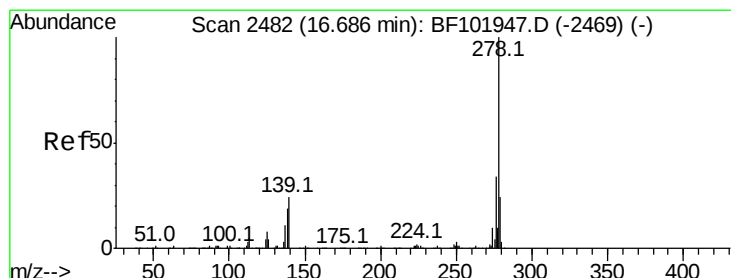
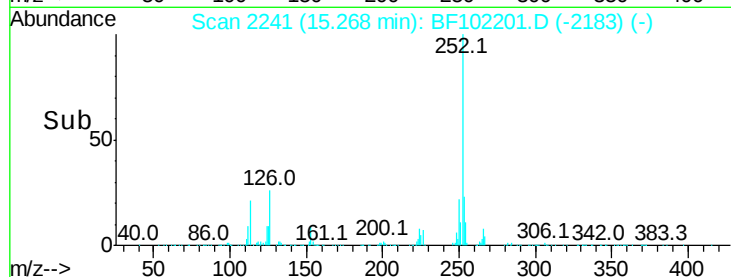
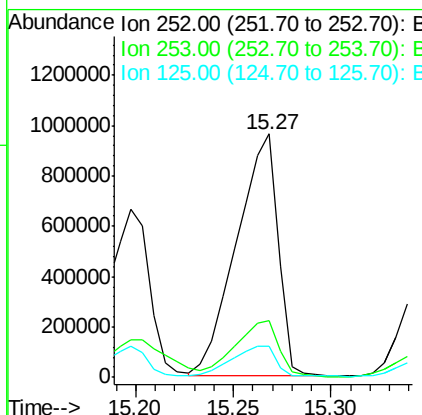
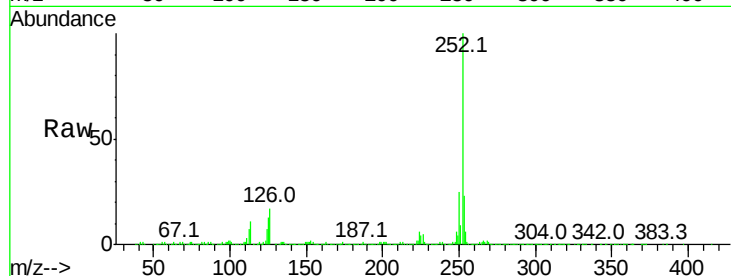




#89
Benzo(a)pyrene
Concen: 110.783 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.04 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

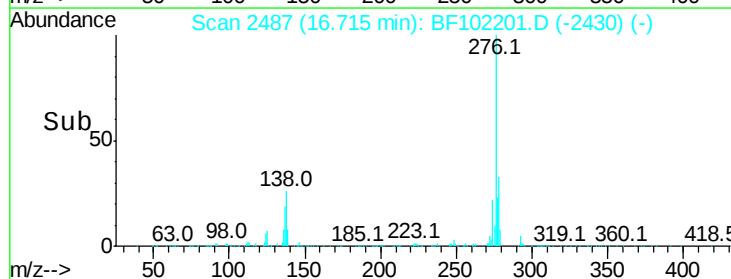
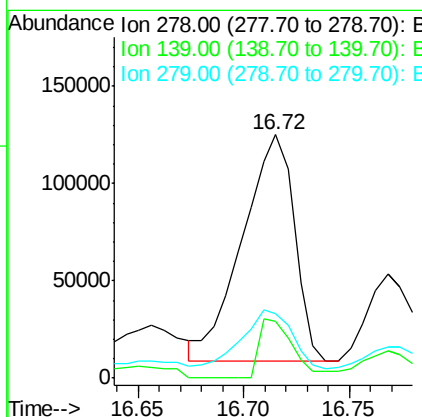
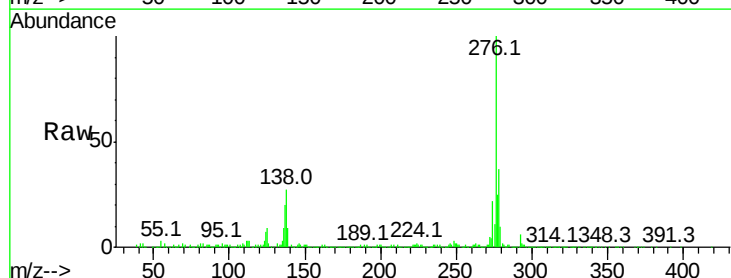
Instrument :
BNA_F
ClientSampleId :

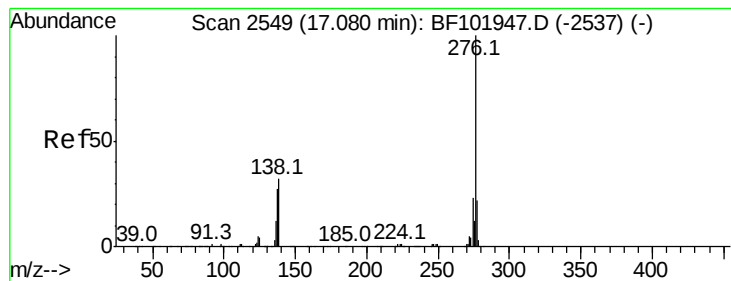
Tot Ion:252 Resp: 1424702
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 12.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 19.461 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.04 min
Lab File: BF102201.D
Acq: 18 Jan 2018 19:40

Tgt Ion:278 Resp: 199726
Ion Ratio Lower Upper
278 100
139 23.4 15.9 23.9
279 26.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 70.468 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.05 min

Lab File: BF102201.D

Acq: 18 Jan 2018 19:40

Instrument :

BNA_F

ClientSampleId :

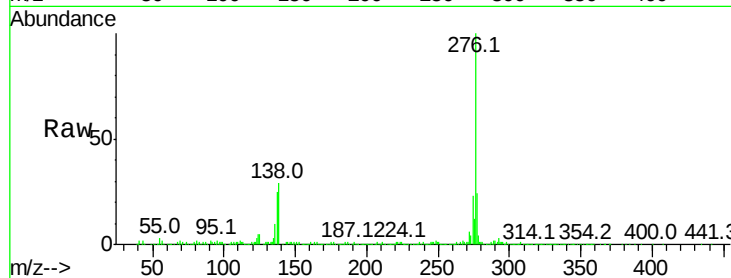
Tot Ion:276 Resp: 728500

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 29.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

