

Data File : BF100516.D
Acq On : 13 Nov 2017 21:21
Operator : SJ/JU
Sample : I6301-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-1

Quant Time: Nov 14 00:55:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	76626	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	282131	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	111439	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	172535	20.00	ng	0.00
75) Chrysene-d12	14.06	240	150906	20.00	ng	0.00
86) Perylene-d12	15.54	264	110495	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	56043	11.72	ng	0.00
7) Phenol-d6	6.50	99	68256	11.58	ng	-0.01
23) Nitrobenzene-d5	7.45	82	37265	8.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	12551	11.05	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	79030	10.80	ng	0.00
78) Terphenyl-d14	13.00	244	53559	8.15	ng	0.00

Target Compounds						Qvalue
25) Isophorone	7.45	82	37277	4.16	ng	# 64
31) Naphthalene	8.20	128	385607	28.38	ng	99
32) Benzoic acid	7.95	122	641	9.54	ng	# 18
33) 4-Chloroaniline	8.20	127	49862	8.82	ng	# 34
37) 2-Methylnaphthalene	8.89	142	125659	13.93	ng	99
45) 1,1'-Biphenyl	9.35	154	26124	2.71	ng	95
47) 2-Nitroaniline	9.51	65	461	2.99	ng	# 2
48) Acenaphthylene	9.79	152	26182	2.26	ng	99
50) 2,6-Dinitrotoluene	9.93	165	17597	10.45	ng	# 24
51) Acenaphthene	9.96	154	109933	15.60	ng	97
54) Dibenzofuran	10.13	168	164062	16.61	ng	98
55) 4-Nitrophenol	10.13	139	59989	37.15	ng	# 10
57) Fluorene	10.47	166	207507	28.68	ng	99
70) Phenanthrene	11.45	178	922505	101.55	ng	99
71) Anthracene	11.49	178	289782	31.44	ng	98
72) Carbazole	11.64	167	77166	9.07	ng	97
74) Fluoranthene	12.63	202	827786	85.98	ng	96
77) Pyrene	12.86	202	688842	64.04	ng	99
80) Benzo(a)anthracene	14.04	228	336191	36.99	ng	98
82) Chrysene	14.09	228	265186	30.13	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	78835	11.08	ng	# 87
87) Benzo(b)fluoranthene	15.10	252	318287	48.62	ng	97
88) Benzo(k)fluoranthene	15.41	252	90001	14.55	ng	97
89) Benzo(a)pyrene	15.47	252	164605	28.36	ng	97
90) Dibenzo(a,h)anthracene	17.03	278	19942	4.20	ng	# 70
91) Benzo(g,h,i)perylene	17.72	276	23707	5.10	ng	94

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

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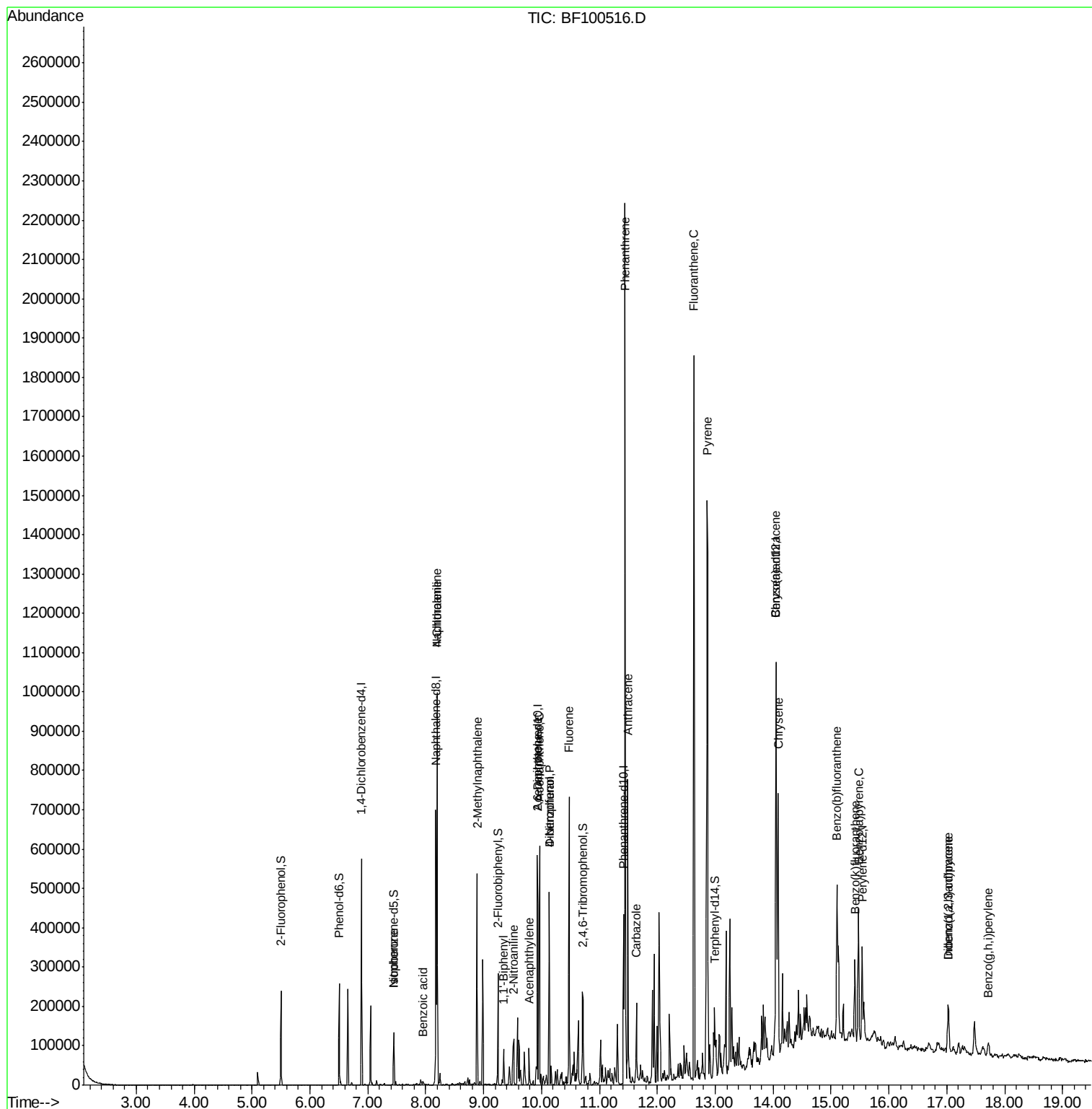
Quant Time: Nov 14 00:55:38 2017

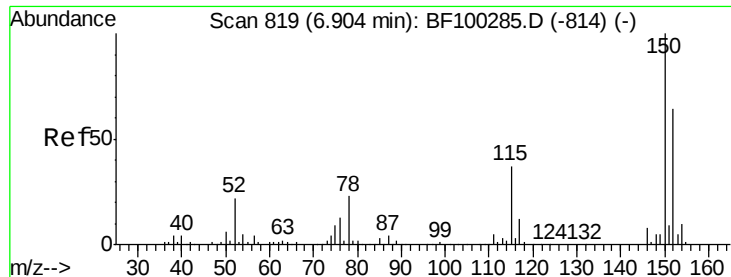
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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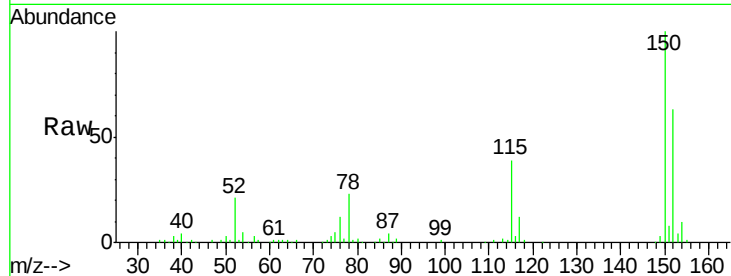


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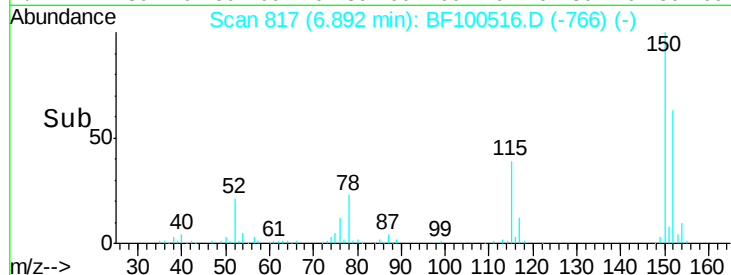
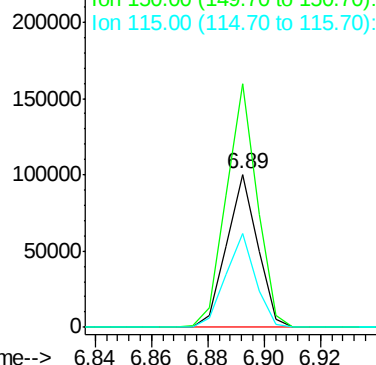
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:152 Resp: 76626
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.3 50.1 75.1



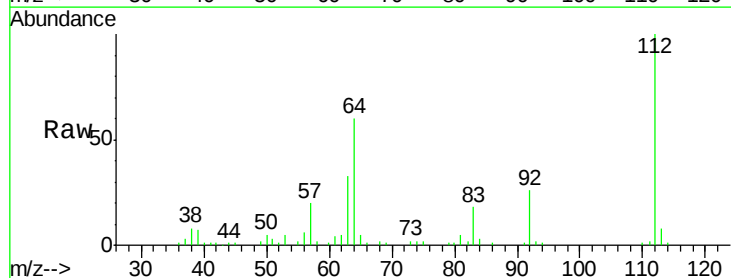
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



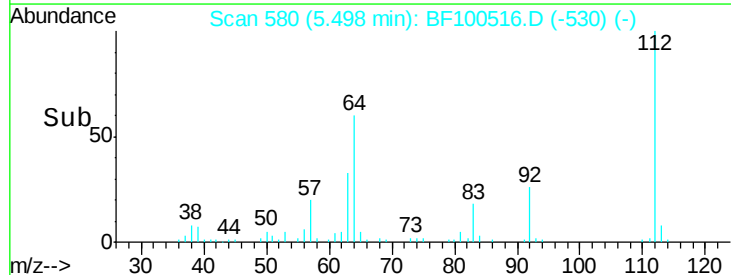
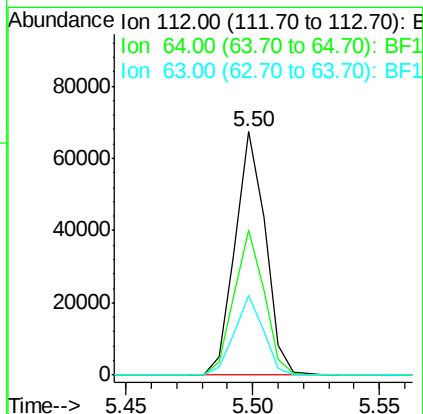
#5

2-Fluorophenol
Concen: 11.72 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:112 Resp: 56043
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 32.8 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: 11.58 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

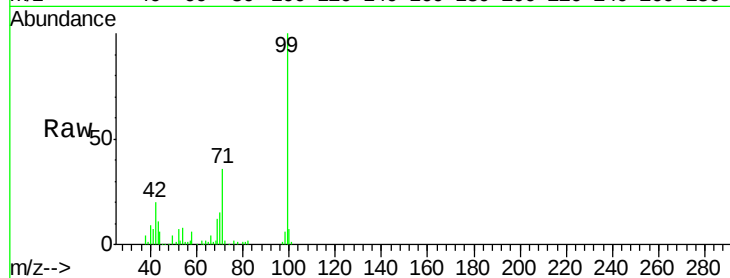
Tgt Ion: 99 Resp: 68256

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

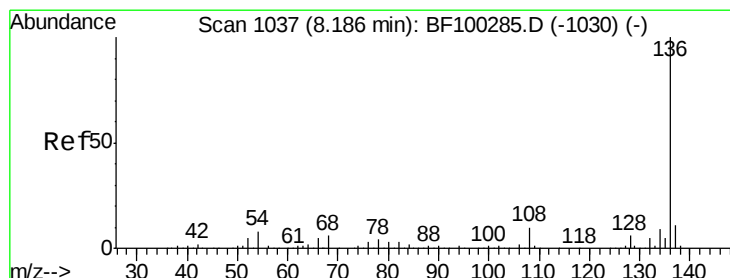
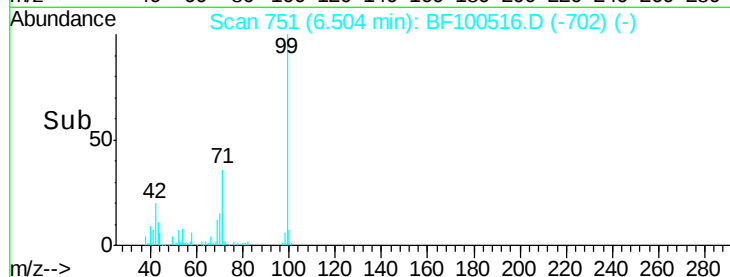
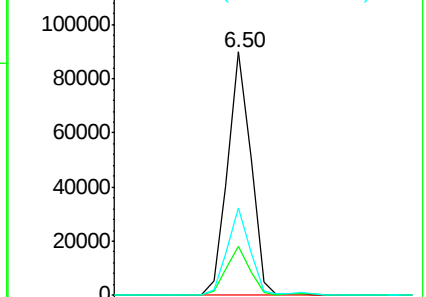
71 36.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Tgt Ion: 136 Resp: 282131

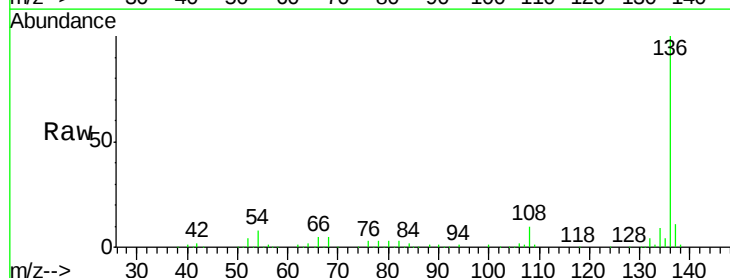
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 4.7 5.0 7.4#

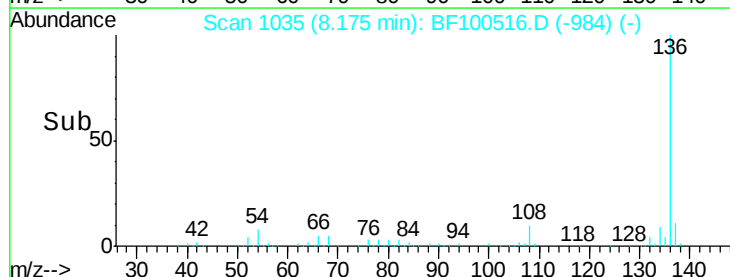
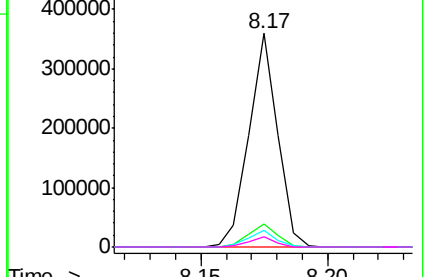


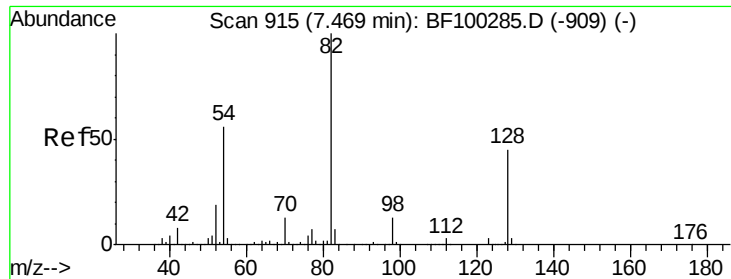
Abundance Ion 136.00 (135.70 to 136.70): E

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

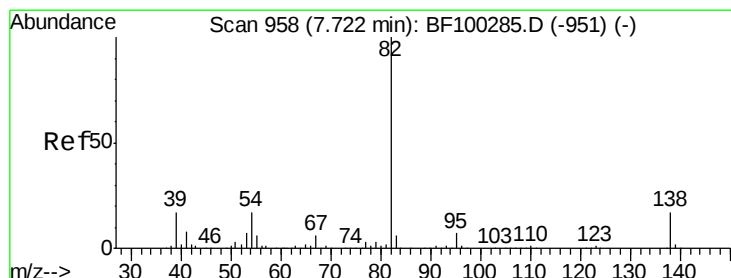
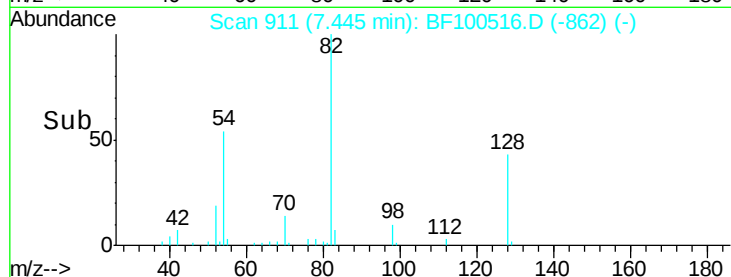
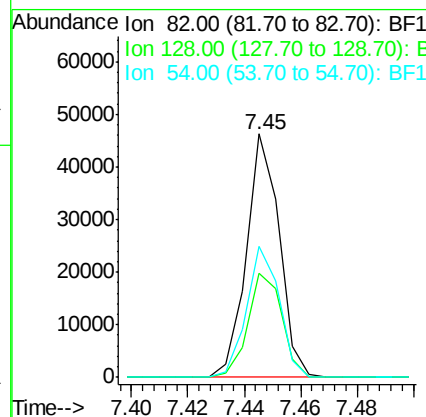
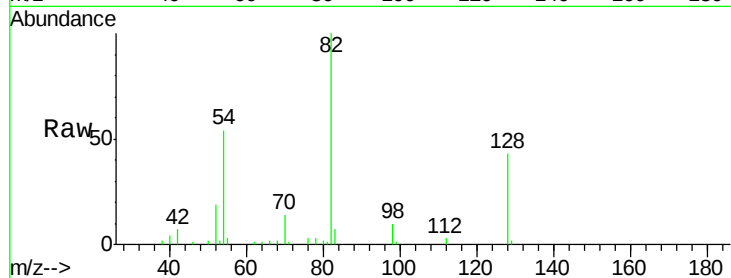




#23
 Nitrobenzene-d5
 Concen: 8.73 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100516.D
 Acq: 13 Nov 2017 21:21

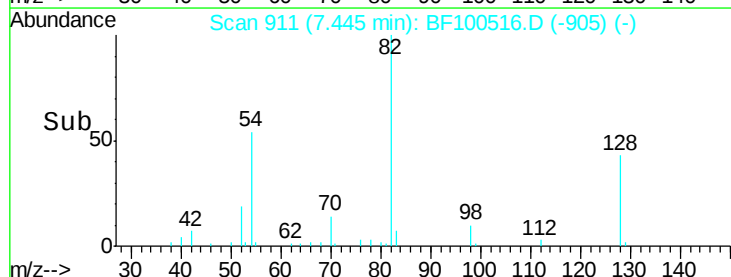
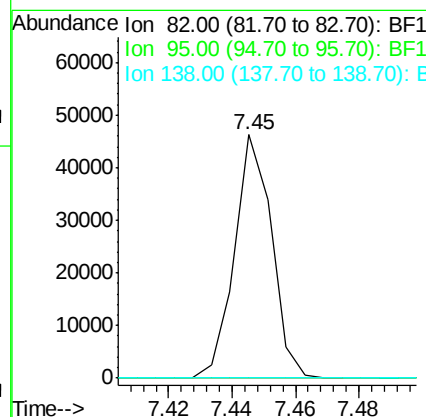
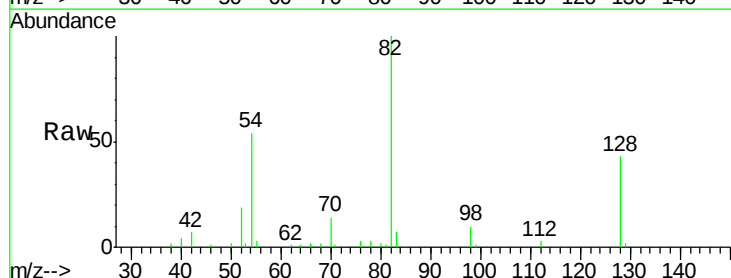
Instrument :
 BNA_F
 ClientSampleId :
 3N-1

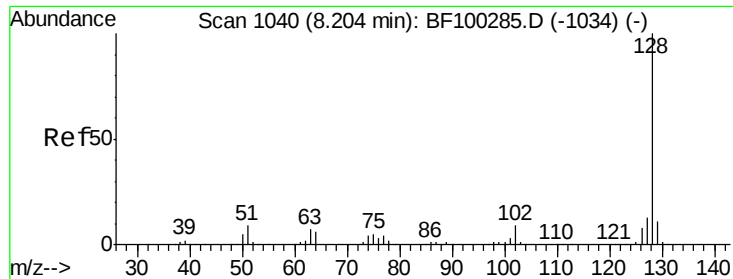
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	53.7	41.4	62.2



#25
 Isophorone
 Concen: 4.16 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100516.D
 Acq: 13 Nov 2017 21:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

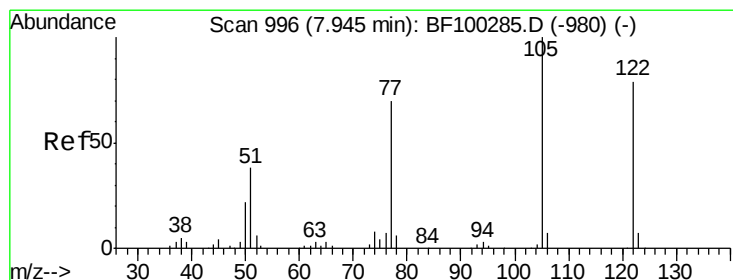
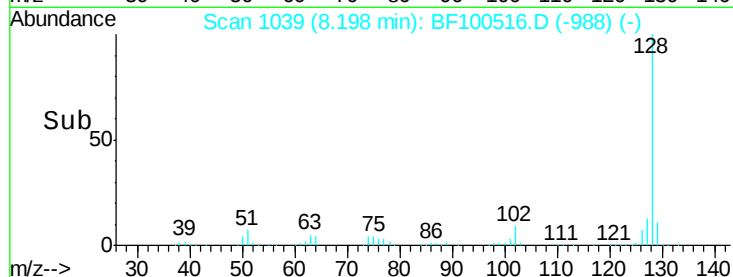
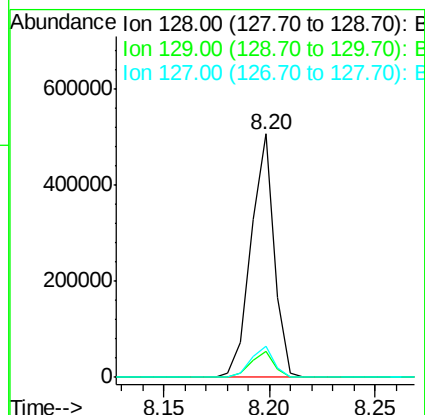
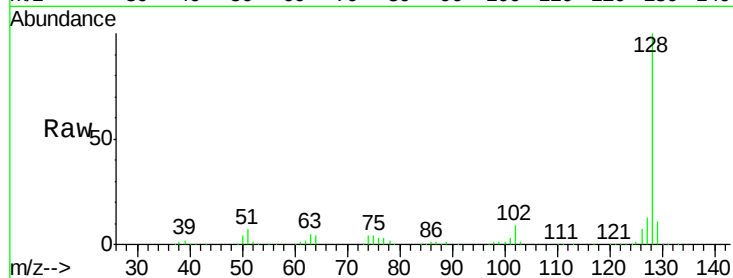




#31
Naphthalene
Concen: 28.38 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

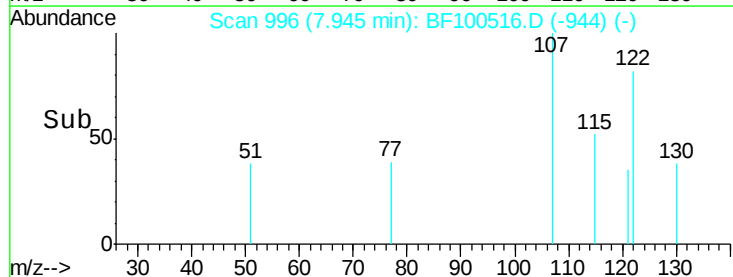
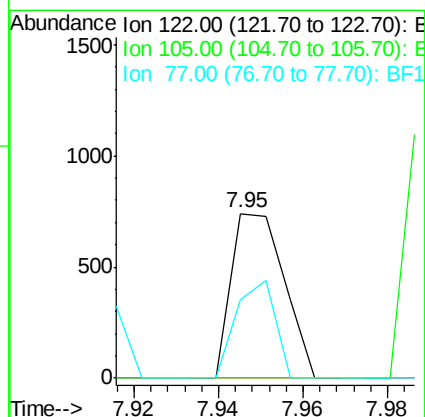
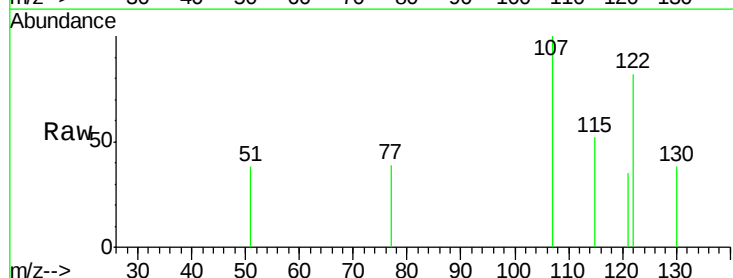
Instrument :
BNA_F
ClientSampleId :
3N-1

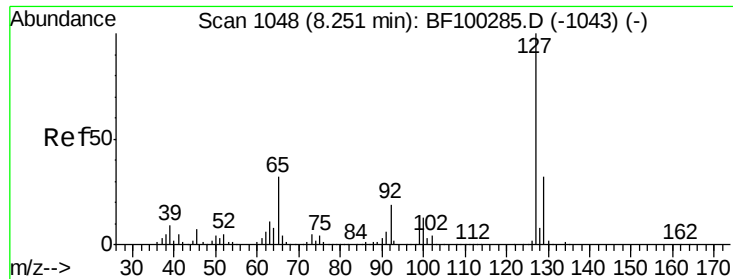
Tgt Ion:128 Resp: 385607
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 9.54 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:122 Resp: 641
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 47.4 70.7 110.7#

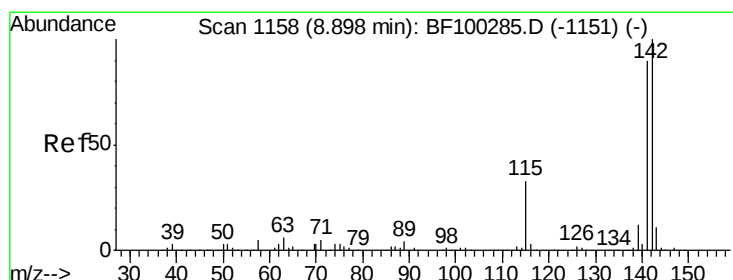
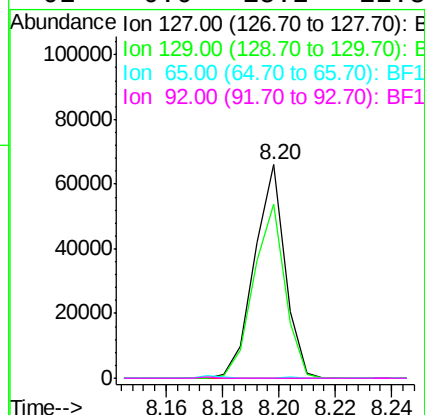
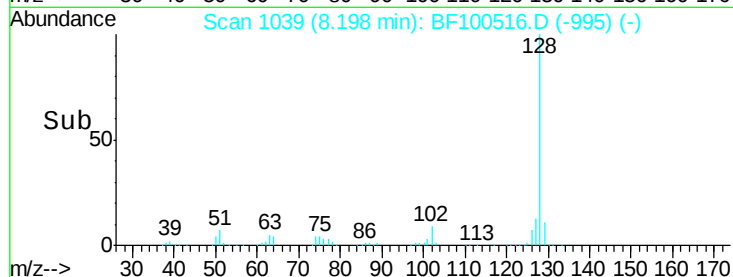
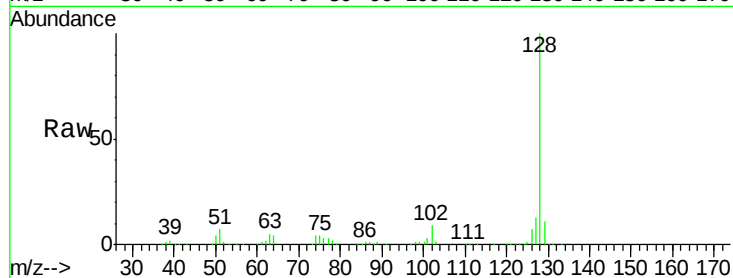




#33
4-Chloroaniline
Concen: 8.82 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.04 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

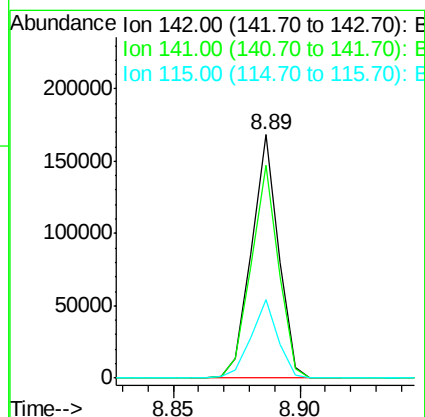
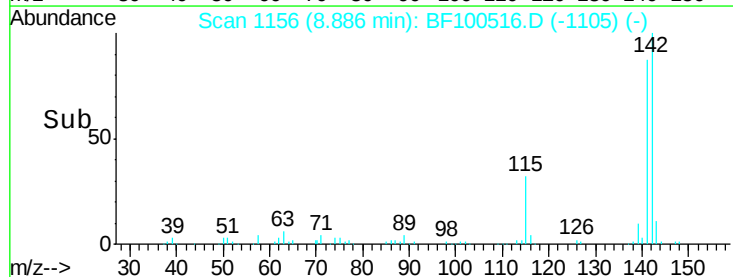
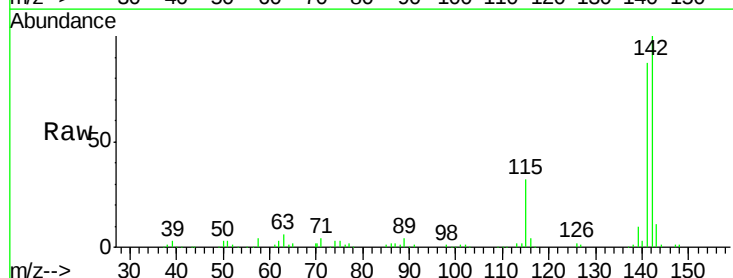
Instrument :
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ClientSampleId :
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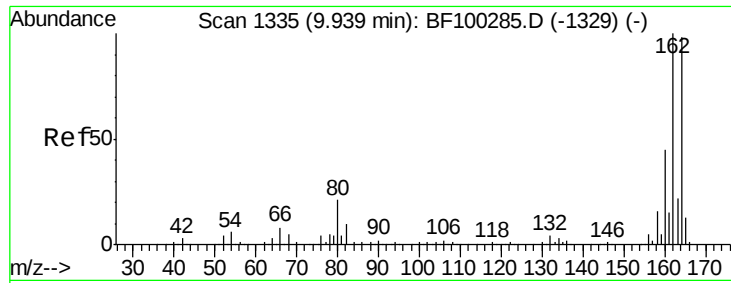
Tgt Ion:	127	Resp:	49862
Ion Ratio	Lower	Upper	
127	100		
129	81.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 13.93 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:	142	Resp:	125659
Ion Ratio	Lower	Upper	
142	100		
141	87.4	70.8	106.2
115	32.0	26.1	39.1

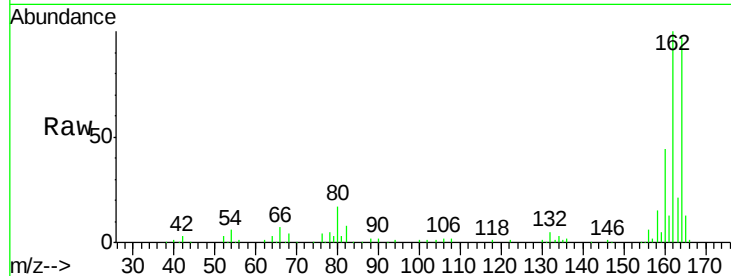




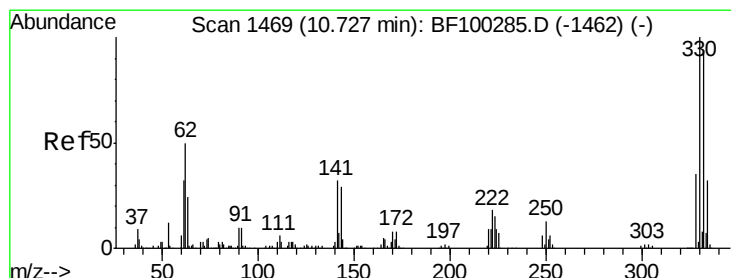
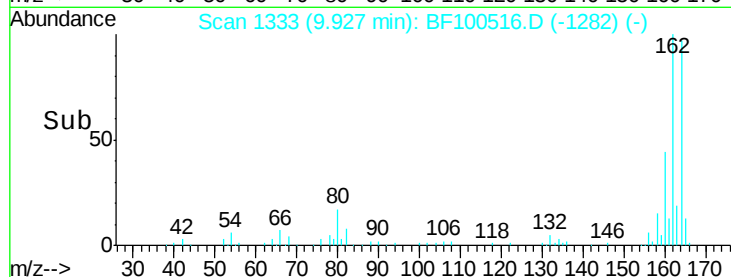
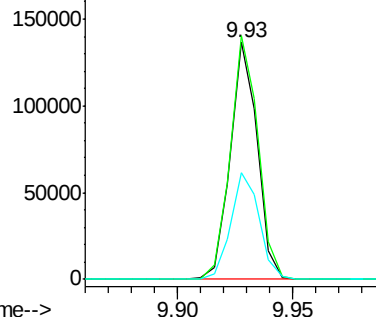
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF100516.D
 Acq: 13 Nov 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 3N-1

Tgt Ion:164 Resp: 111439
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 44.9 38.3 57.5

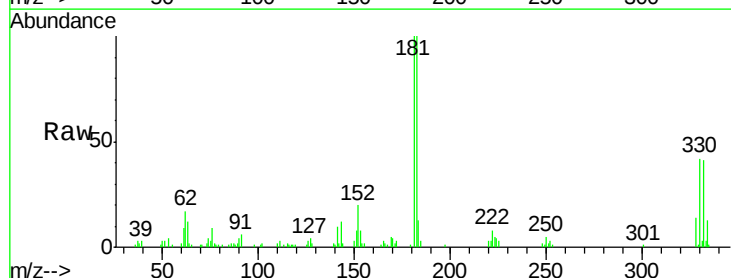


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

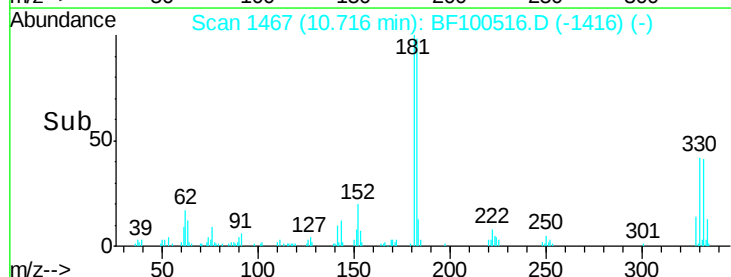
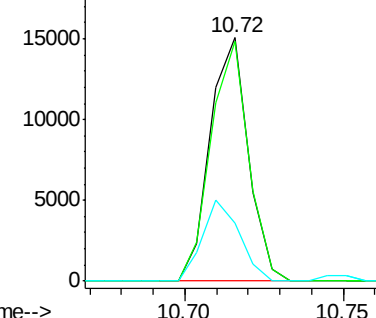


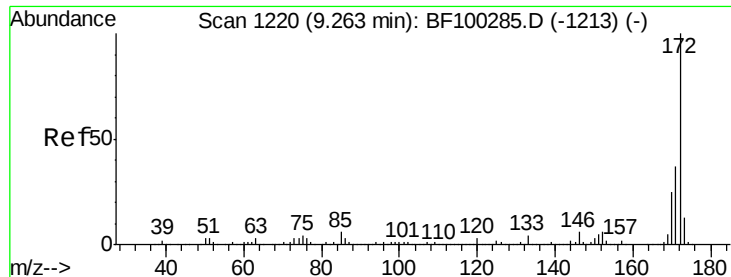
#41
 2,4,6-Tribromophenol
 Concen: 11.05 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF100516.D
 Acq: 13 Nov 2017 21:21

Tgt Ion:330 Resp: 12551
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.1 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

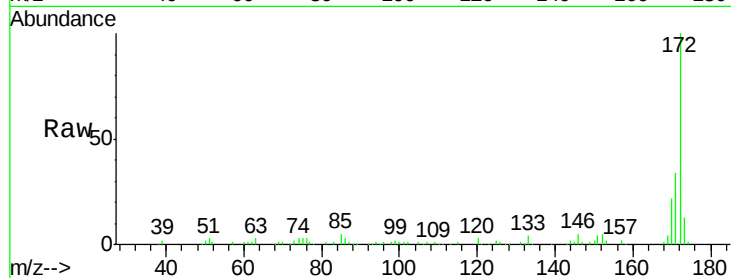




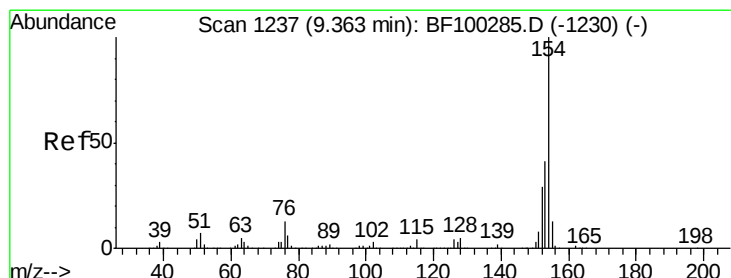
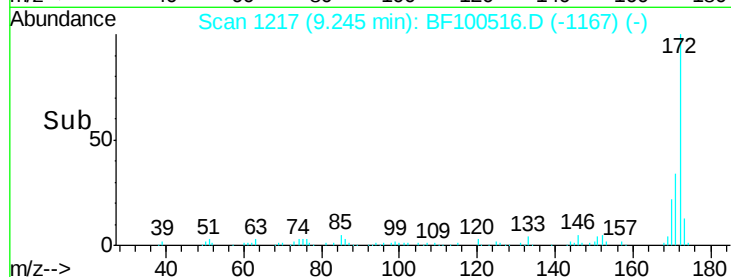
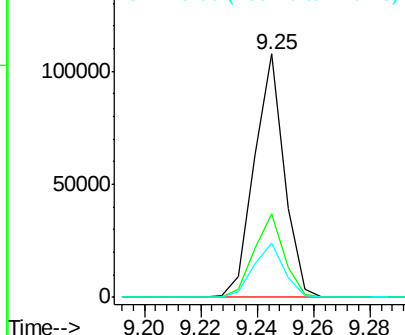
#44
2-Fluorobiphenyl
Concen: 10.80 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Instrument :
BNA_F
ClientSampled :
3N-1

Tgt Ion:172 Resp: 79030
Ion Ratio Lower Upper
172 100
171 34.3 29.7 44.5
170 22.4 19.6 29.4

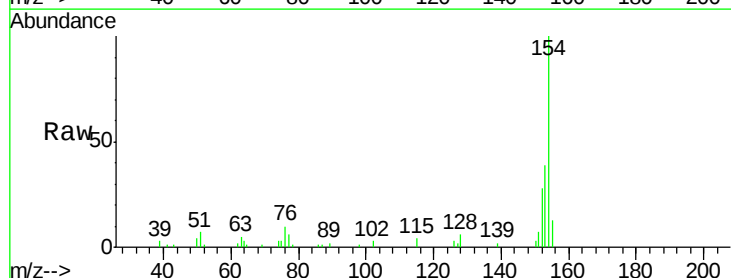


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

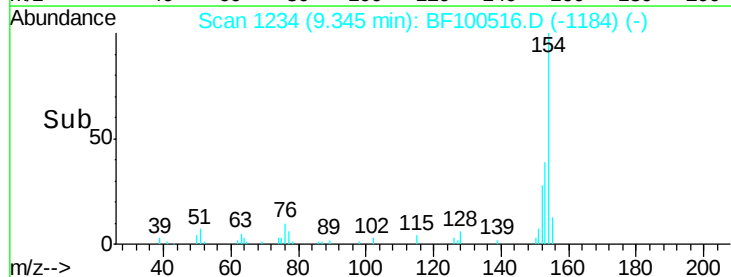
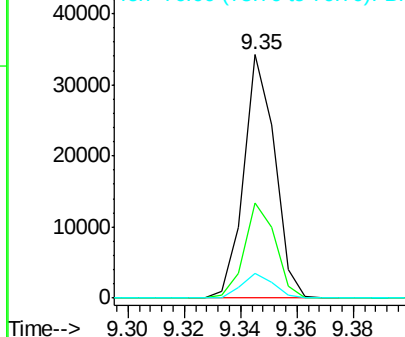


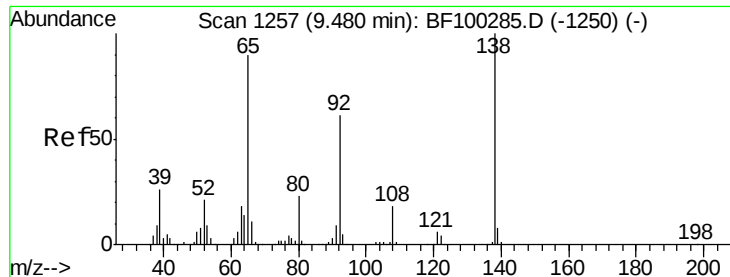
#45
1,1'-Biphenyl
Concen: 2.71 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:154 Resp: 26124
Ion Ratio Lower Upper
154 100
153 39.2 21.3 61.3
76 10.2 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





#47

2-Nitroaniline

Concen: 2.99 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.04 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

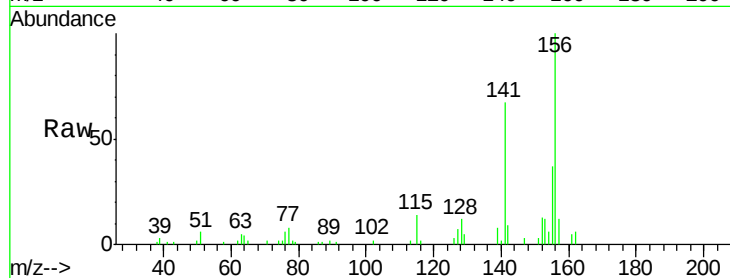
Tgt Ion: 65 Resp: 461

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

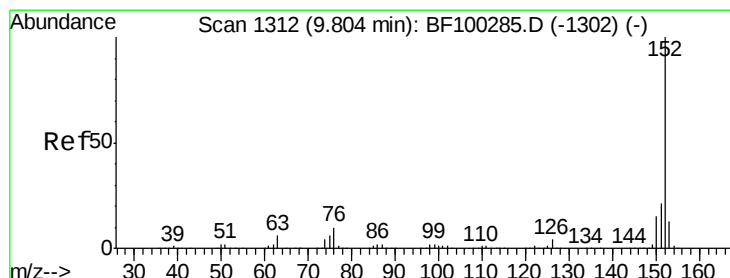
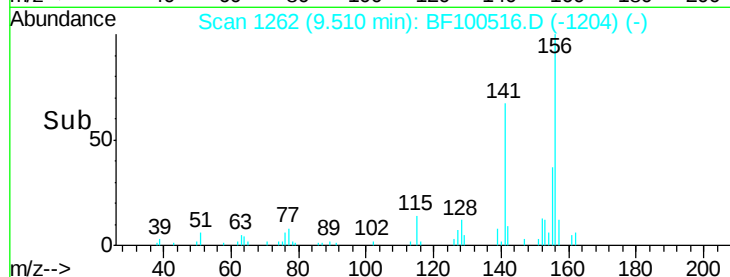
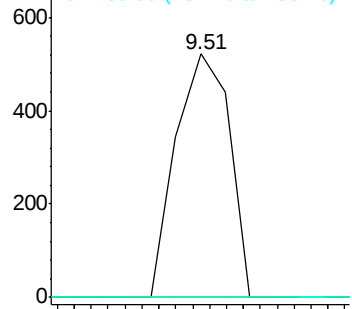
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 2.26 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

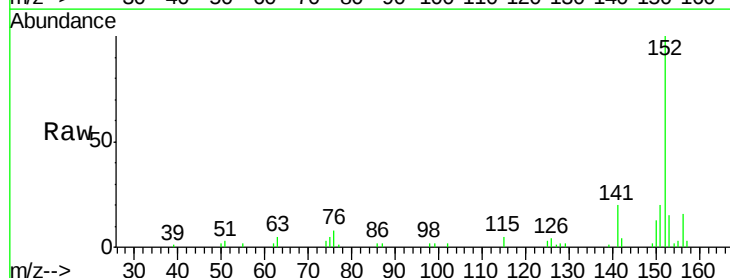
Tgt Ion: 152 Resp: 26182

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

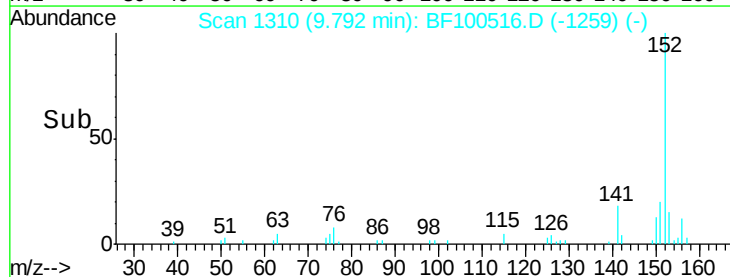
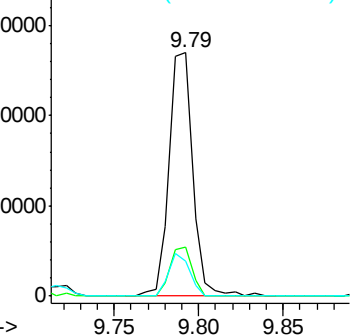
153 14.6 10.7 16.1

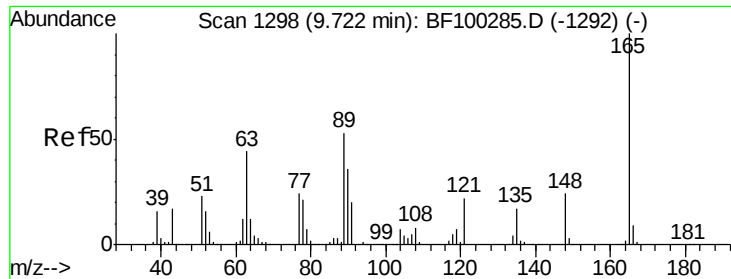


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

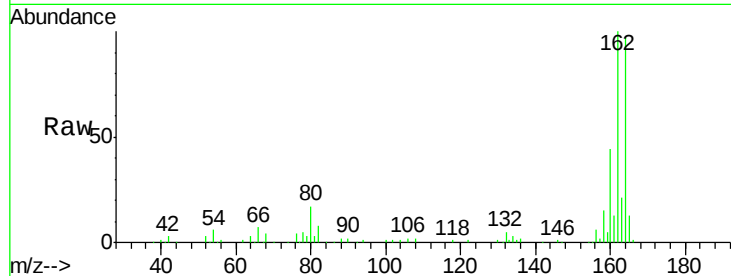




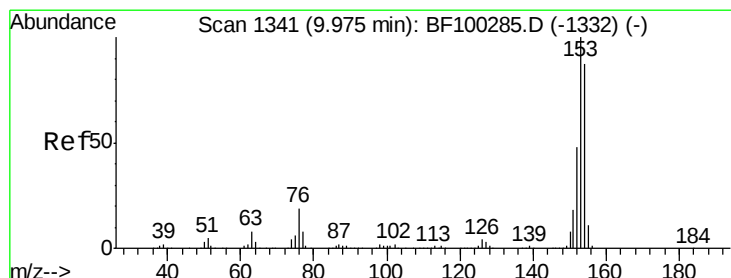
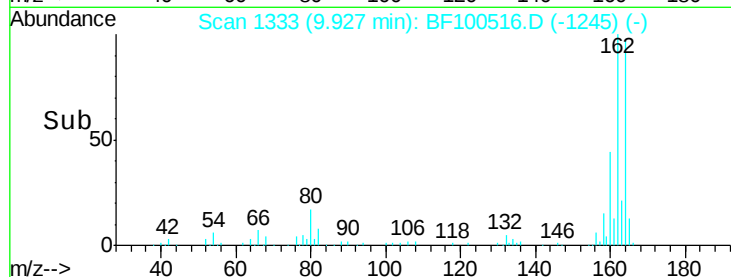
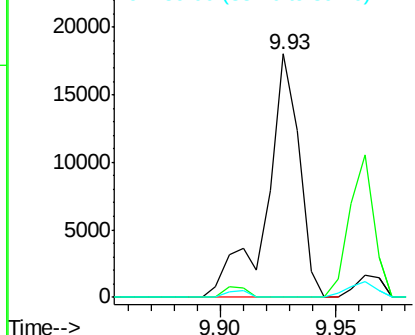
#50
 2,6-Dinitrotoluene
 Concen: 10.45 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF100516.D
 Acq: 13 Nov 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 3N-1

Tgt Ion:165 Resp: 17597
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

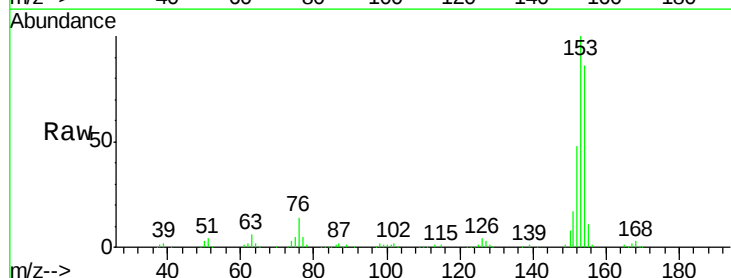


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

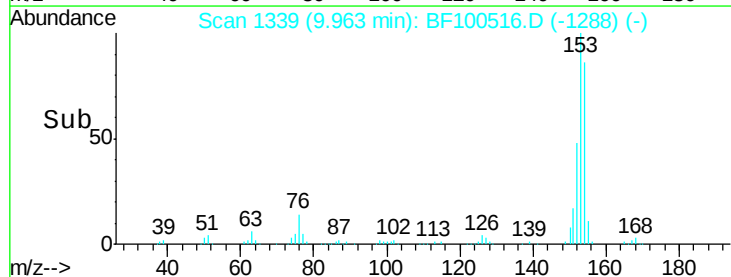
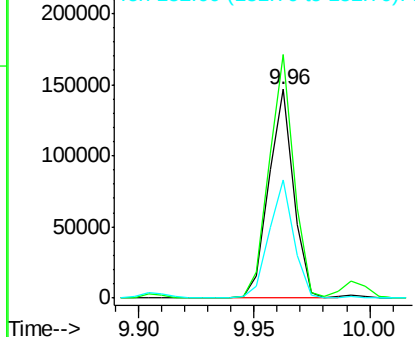


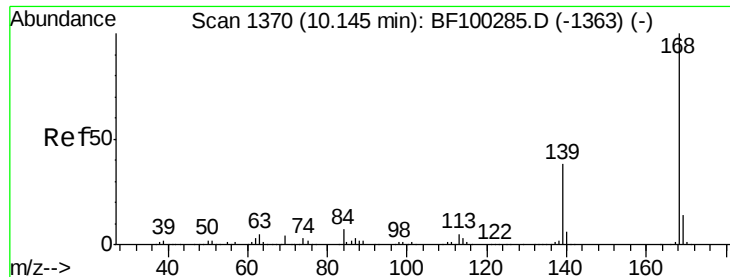
#51
 Acenaphthene
 Concen: 15.60 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF100516.D
 Acq: 13 Nov 2017 21:21

Tgt Ion:154 Resp: 109933
 Ion Ratio Lower Upper
 154 100
 153 116.8 91.2 136.8
 152 56.6 43.8 65.8



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

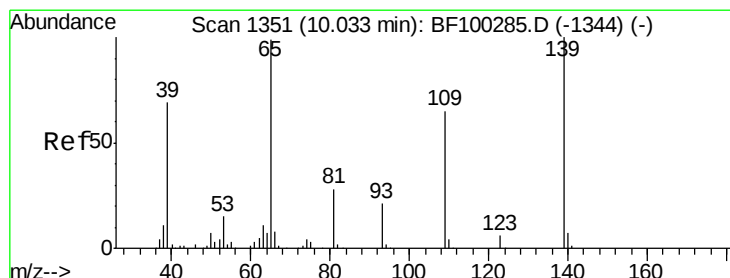
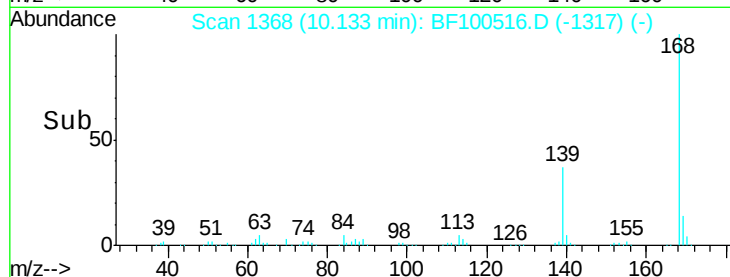
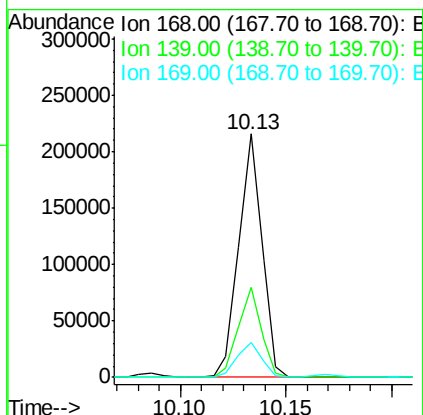
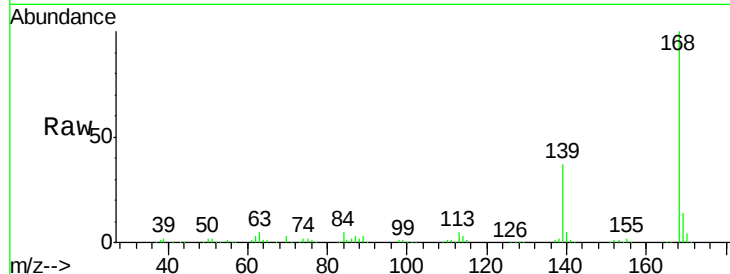




#54
Dibenzenofuran
Concen: 16.61 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

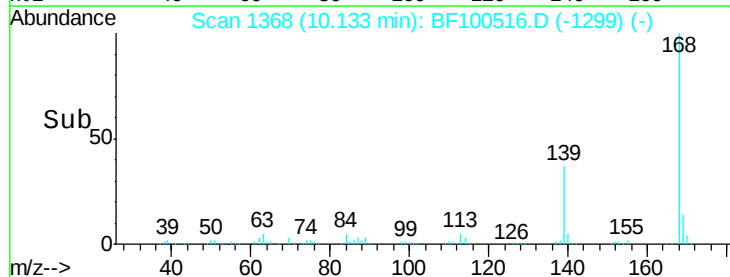
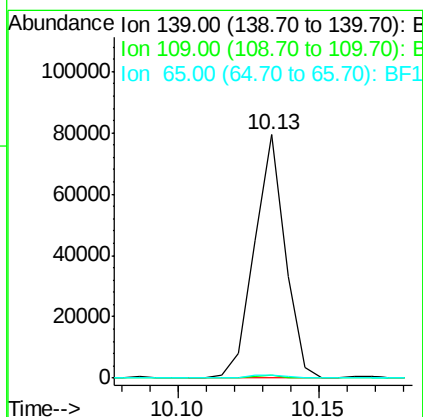
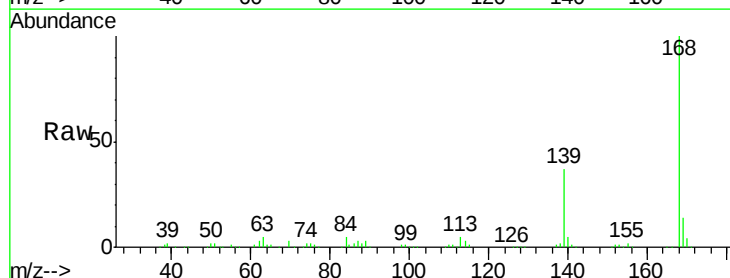
Instrument :
BNA_F
ClientSampled :
3N-1

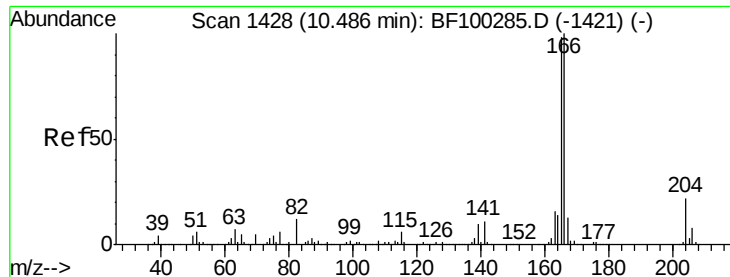
Tgt Ion:168 Resp: 164062
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 14.4 10.9 16.3



#55
4-Nitrophenol
Concen: 37.15 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.11 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:139 Resp: 59989
Ion Ratio Lower Upper
139 100
109 1.0 48.4 88.4#
65 1.4 72.6 112.6#





#57

Fluorene

Concen: 28.68 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

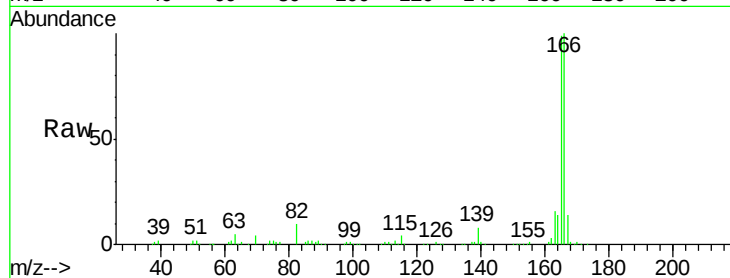
Tgt Ion:166 Resp: 207507

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

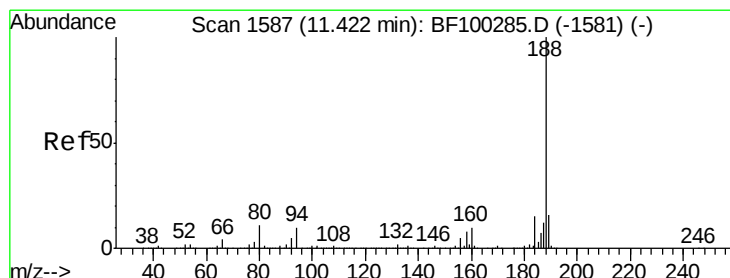
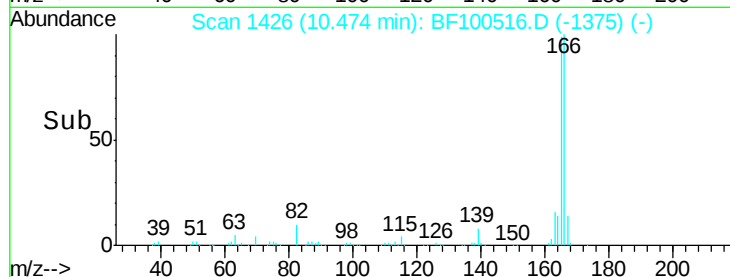
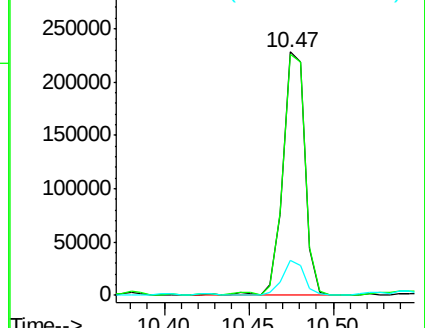
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

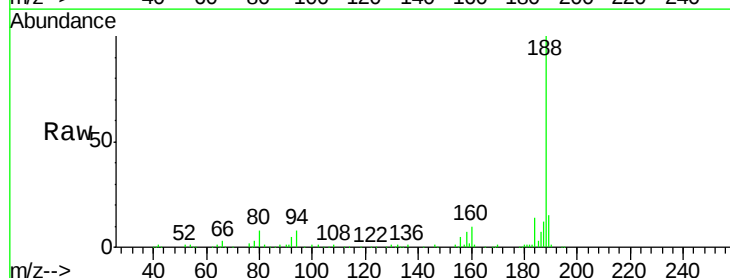
Tgt Ion:188 Resp: 172535

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

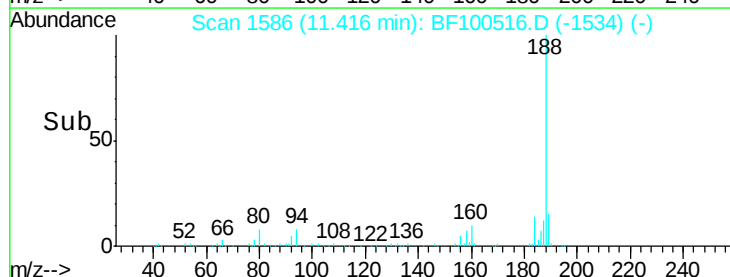
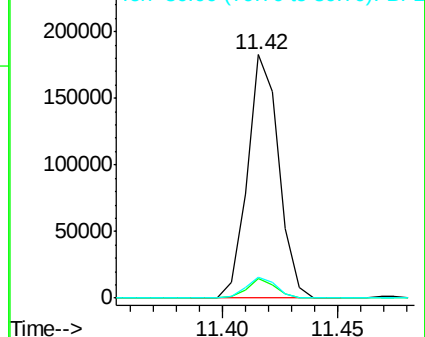
80 8.5 9.2 13.8#

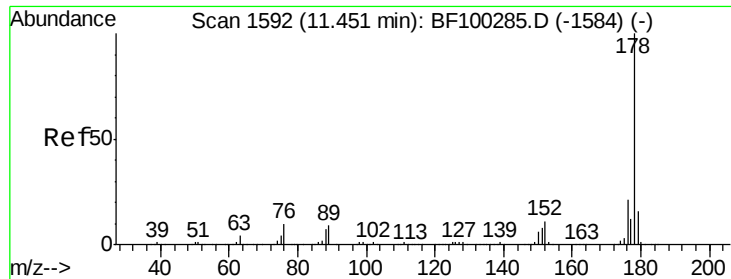


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

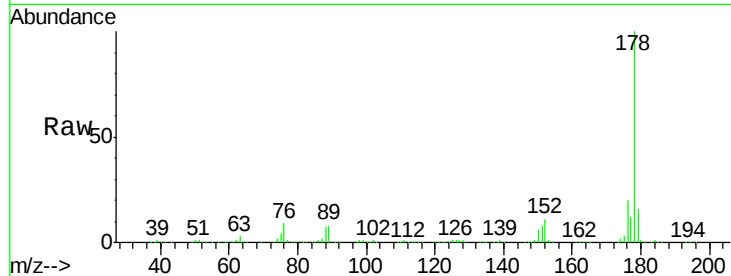




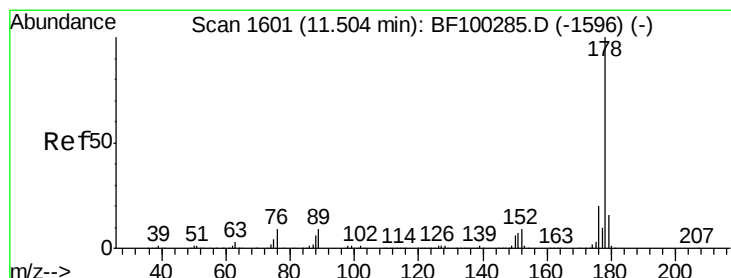
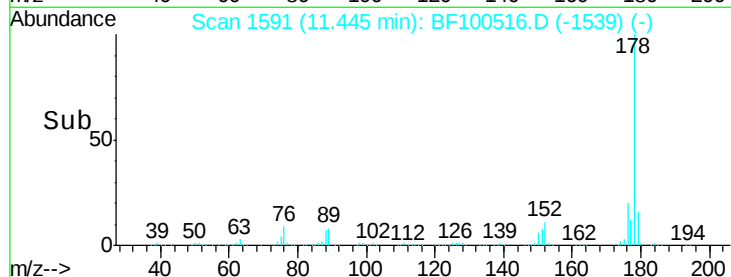
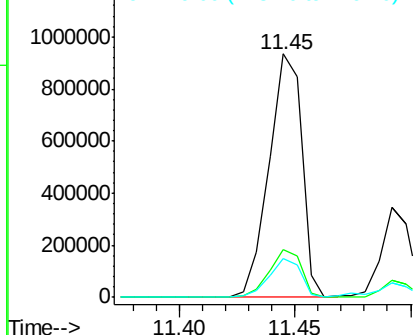
#70
Phenanthrene
Concen: 101.55 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:178 Resp: 922505
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.7 13.0 19.6

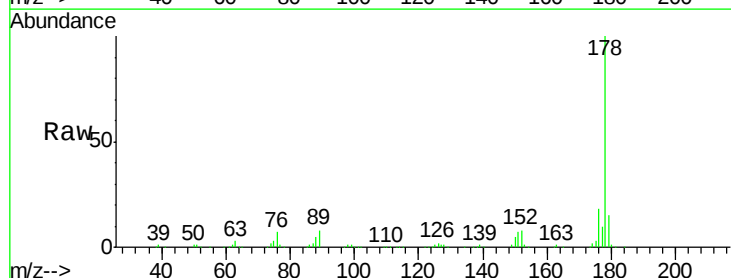


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

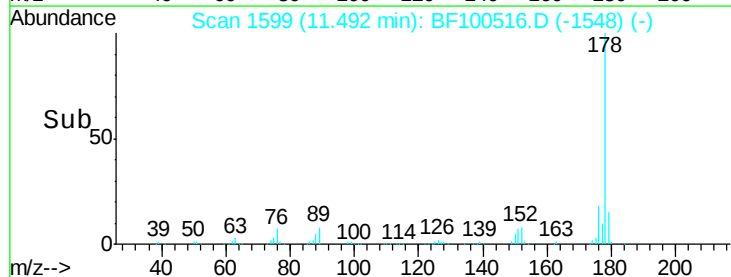
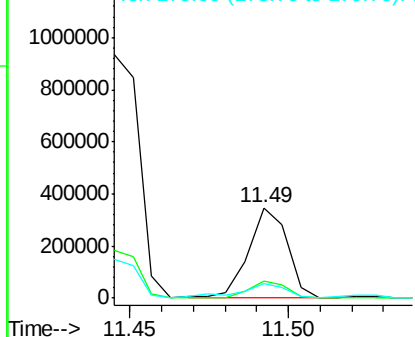


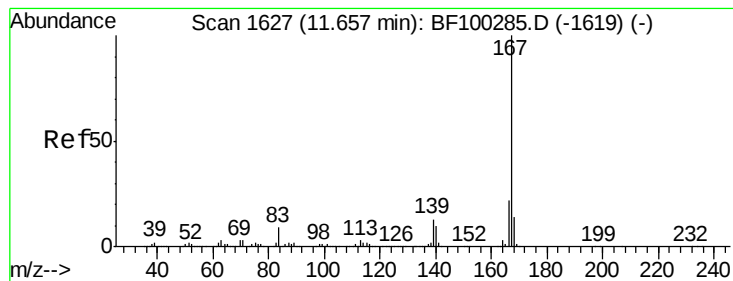
#71
Anthracene
Concen: 31.44 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:178 Resp: 289782
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.4 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: 9.07 ng

RT: 11.64 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

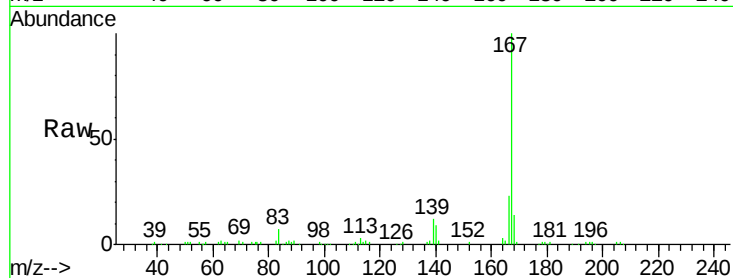
Tgt Ion:167 Resp: 77166

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

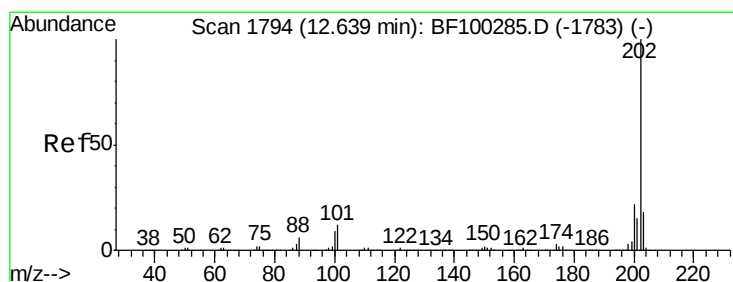
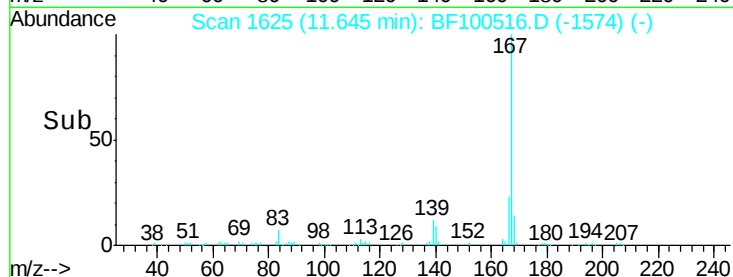
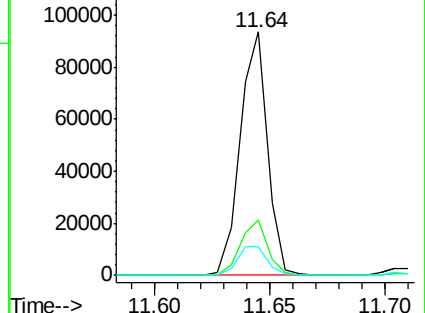
139 11.7 10.9 16.3



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: 85.98 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

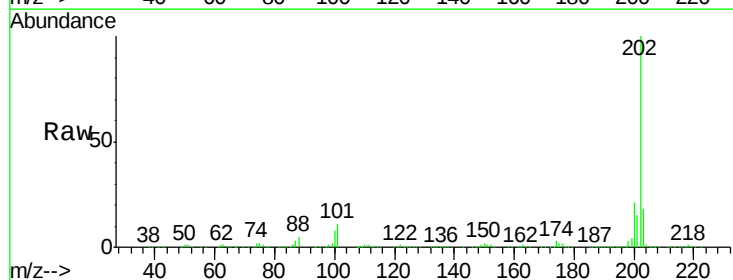
Tgt Ion:202 Resp: 827786

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

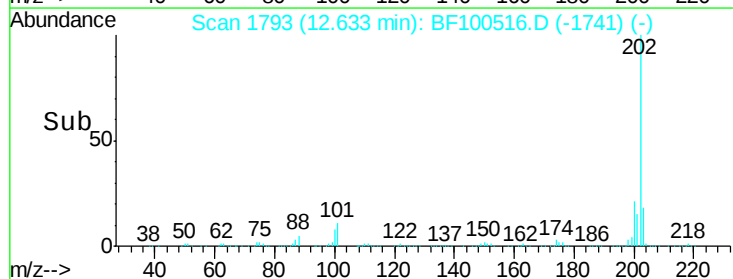
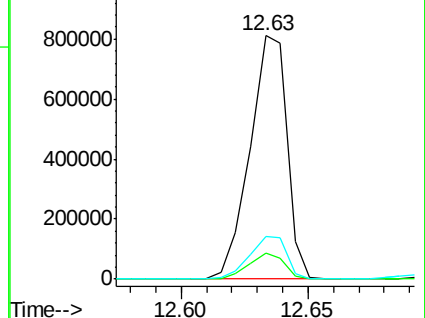
203 17.7 0.0 38.1

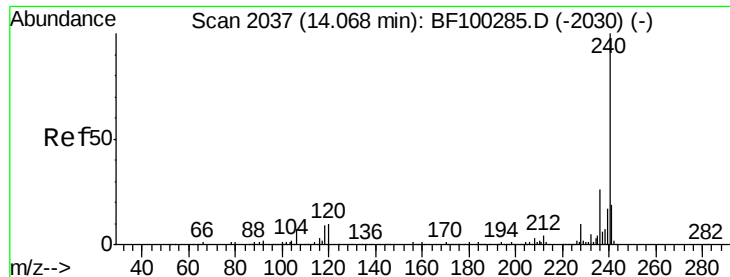


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

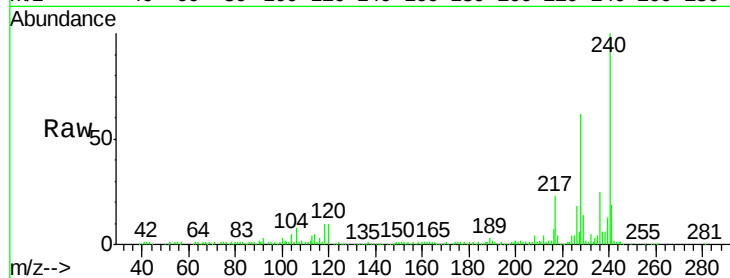
Tgt Ion:240 Resp: 150906

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

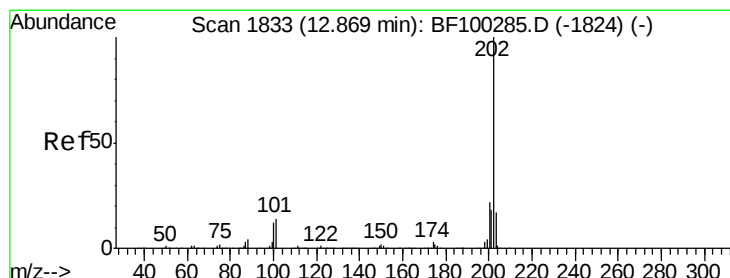
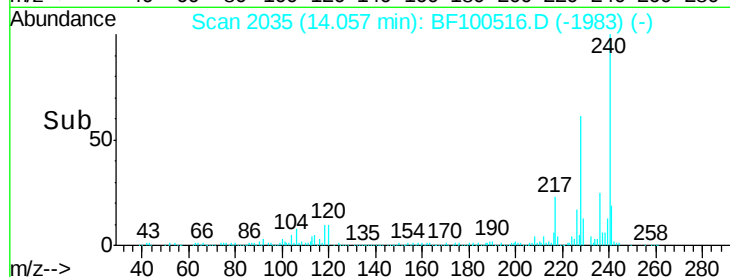
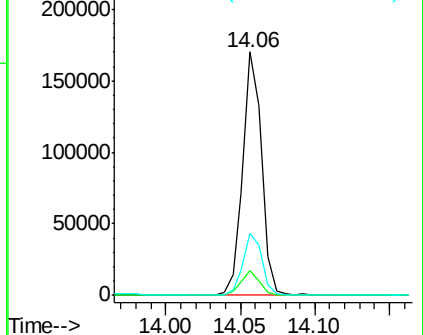
236 25.2 20.7 31.1



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: 64.04 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

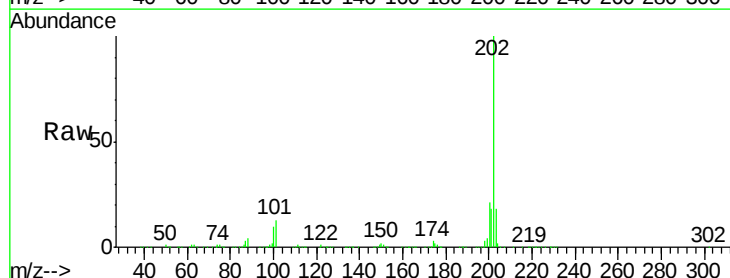
Tgt Ion:202 Resp: 688842

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

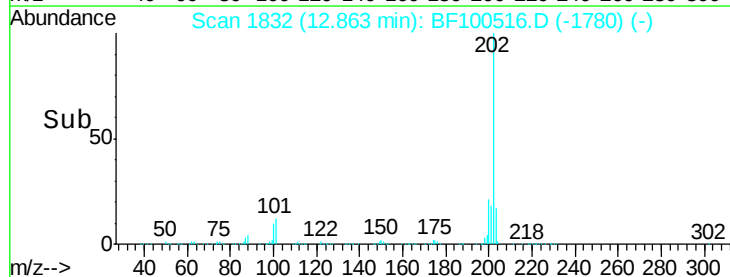
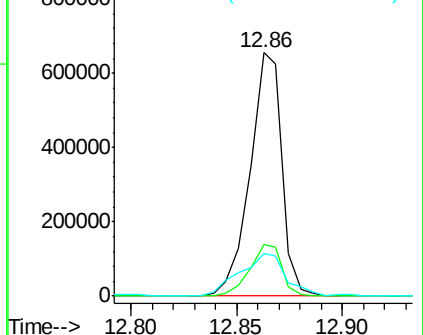
203 17.7 14.3 21.5

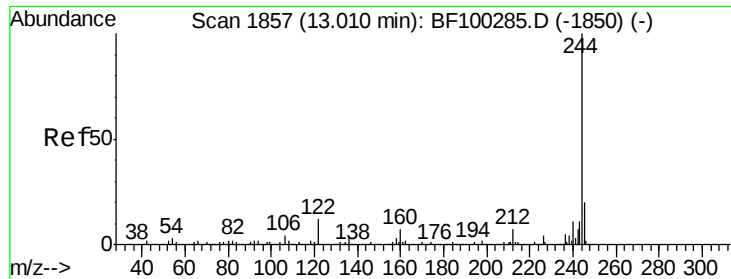


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 8.15 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

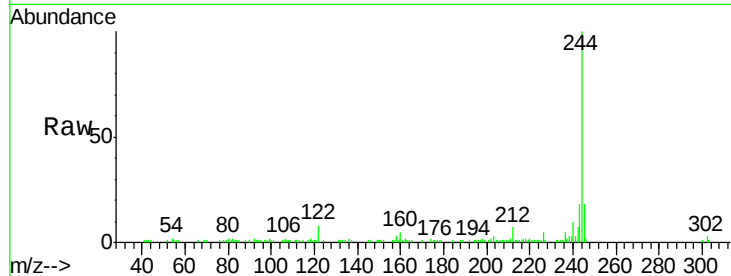
Tgt Ion:244 Resp: 53559

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

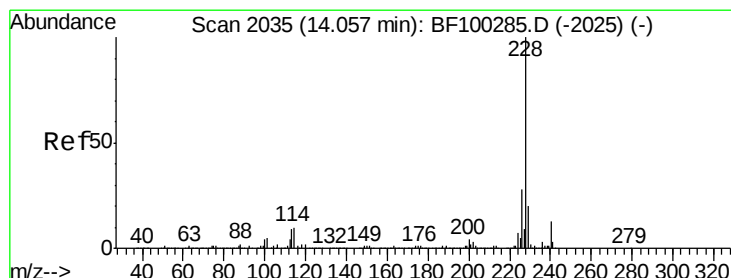
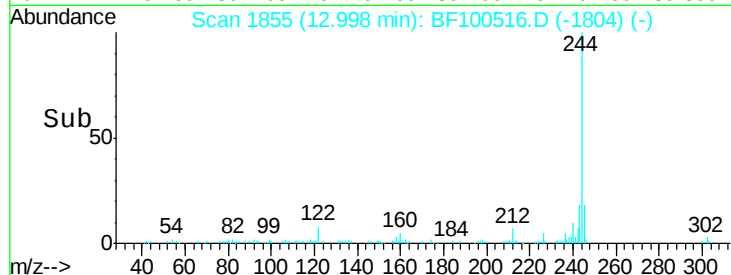
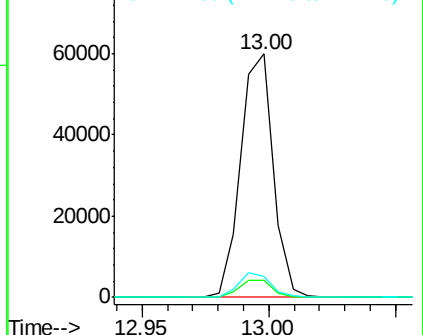
122 8.3 11.0 16.4#



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: 36.99 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

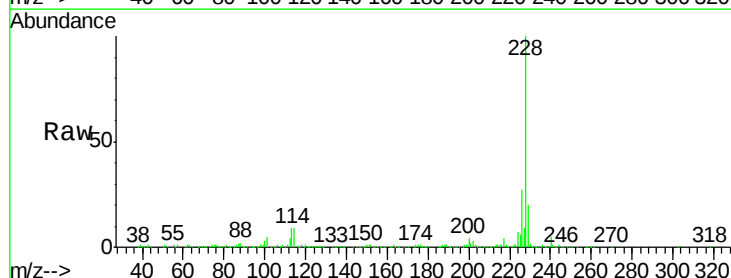
Tgt Ion:228 Resp: 336191

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

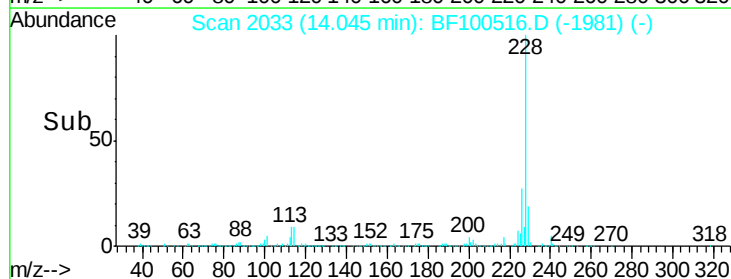
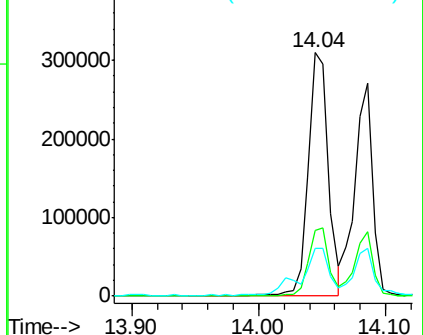
229 19.5 15.8 23.6

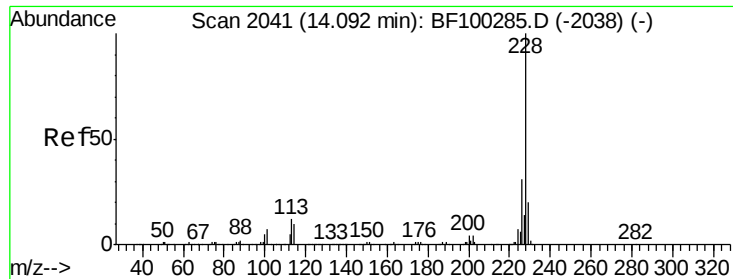


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 30.13 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

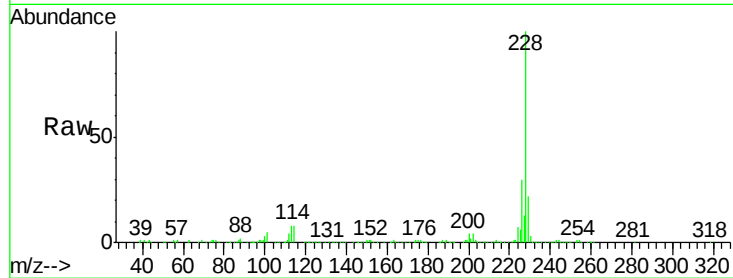
Tgt Ion:228 Resp: 265186

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

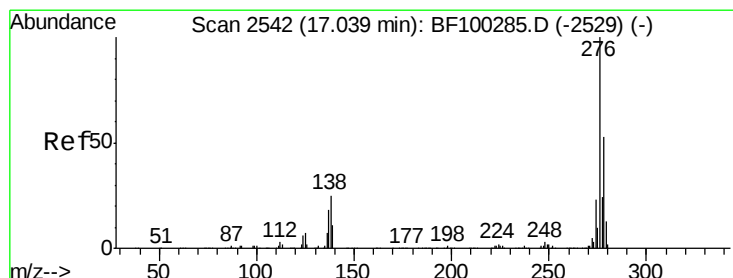
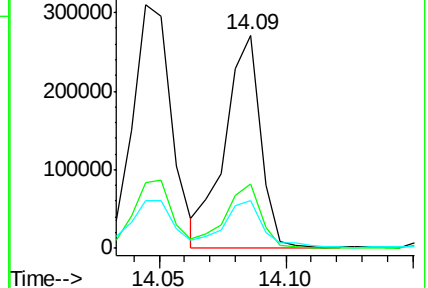
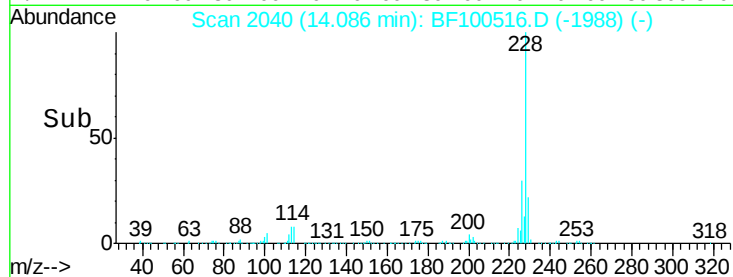
229 22.2 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.08 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

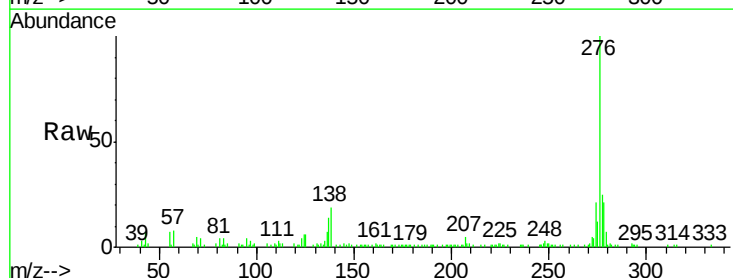
Tgt Ion:276 Resp: 78835

Ion Ratio Lower Upper

276 100

138 19.5 25.0 37.6#

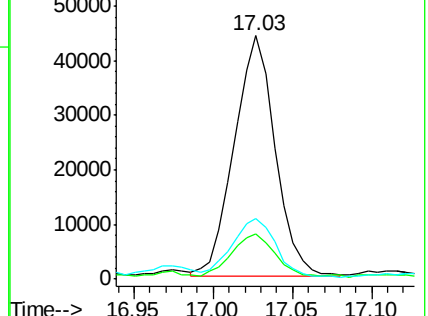
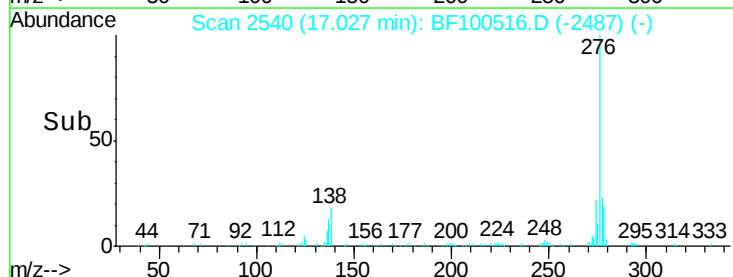
277 25.9 20.1 30.1

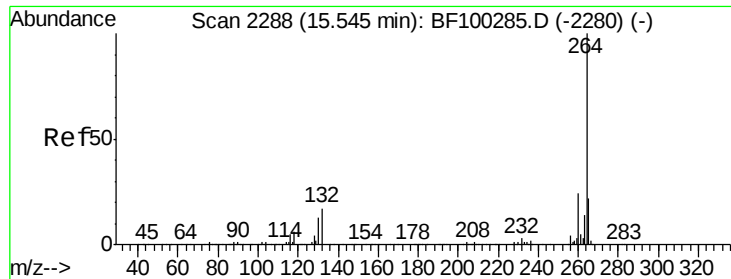


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

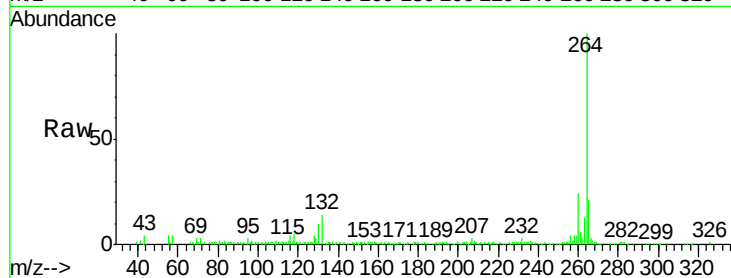




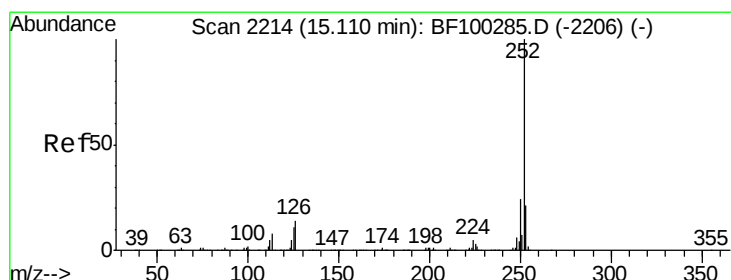
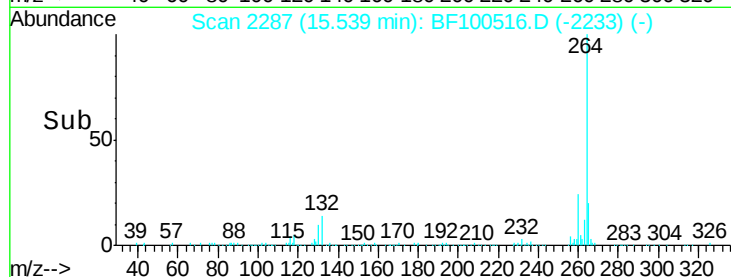
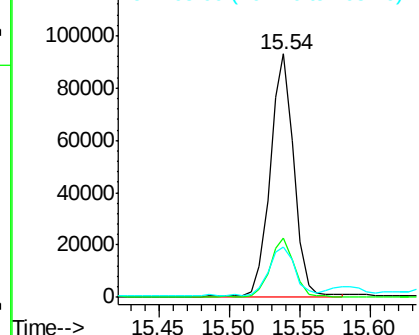
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:264 Resp: 110495
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 20.7 17.5 26.3

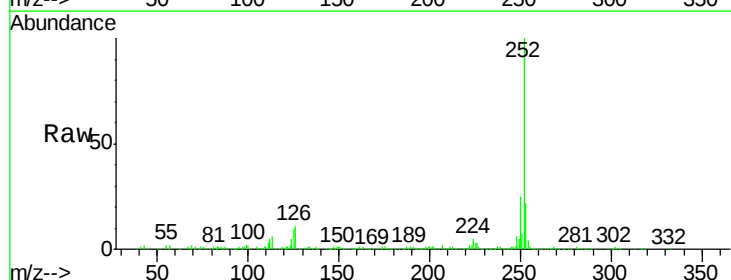


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

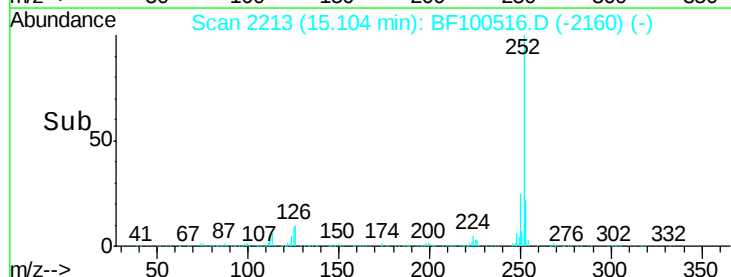
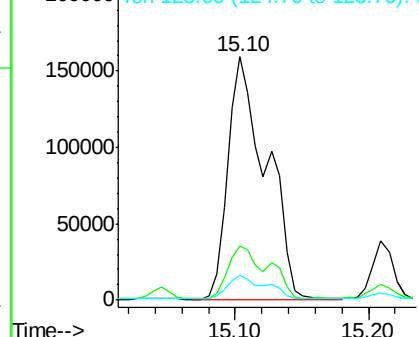


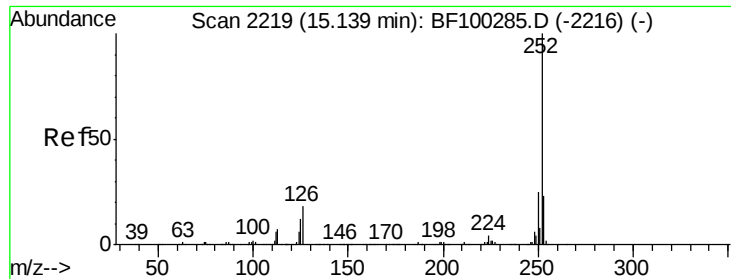
#87
Benzo(b)fluoranthene
Concen: 48.62 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:252 Resp: 318287
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 9.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

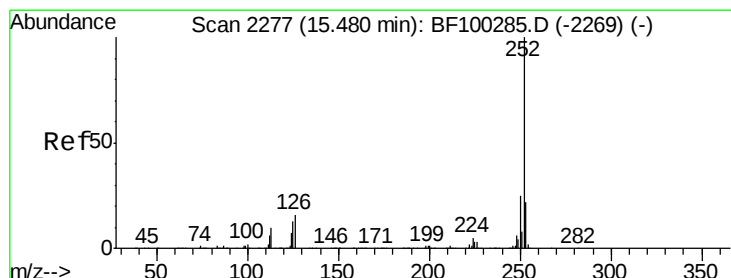
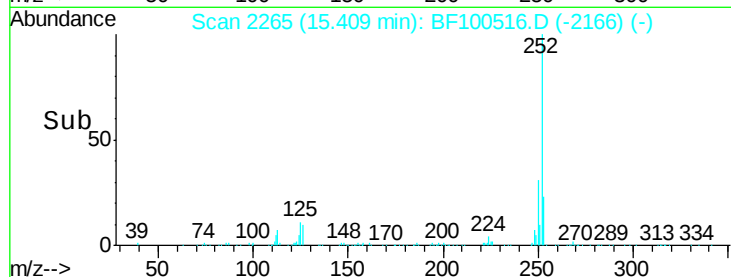
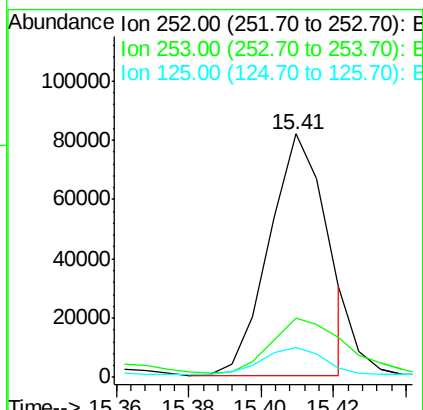
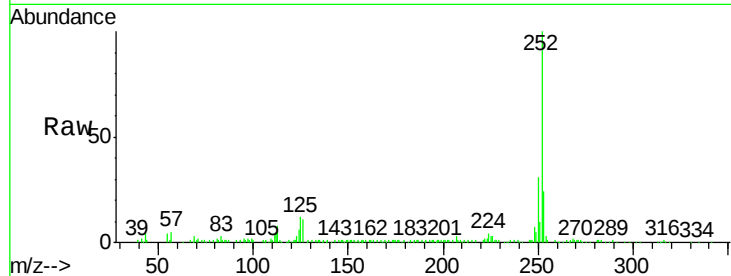




#88
Benzo(k)fluoranthene
Concen: 14.55 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.28 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

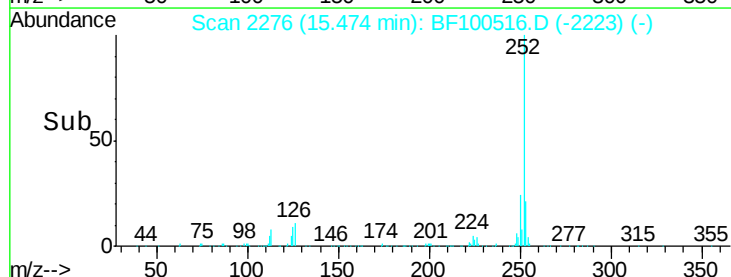
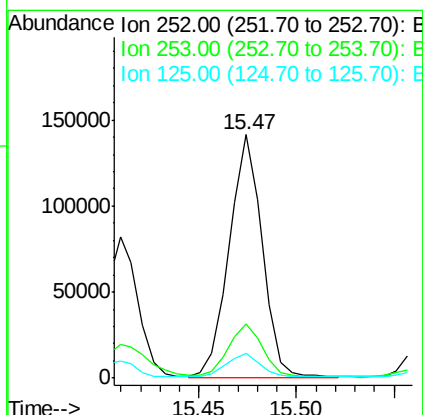
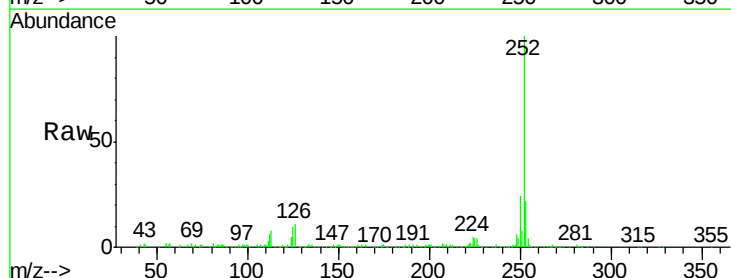
Instrument :
BNA_F
ClientSampled :
3N-1

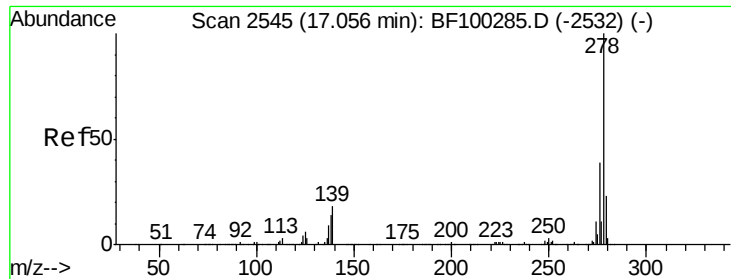
Tgt Ion:252 Resp: 90001
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 12.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 28.36 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF100516.D
Acq: 13 Nov 2017 21:21

Tgt Ion:252 Resp: 164605
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 10.0 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.20 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

Instrument :

BNA_F

ClientSampleId :

3N-1

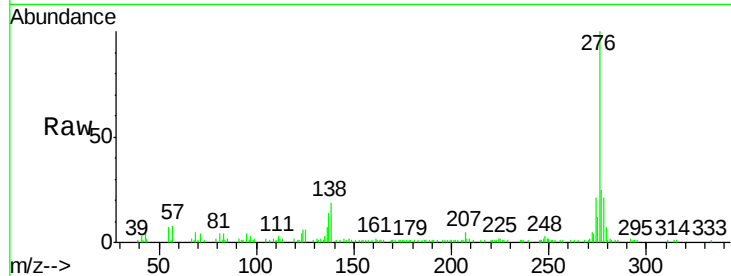
Tgt Ion:278 Resp: 19942

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

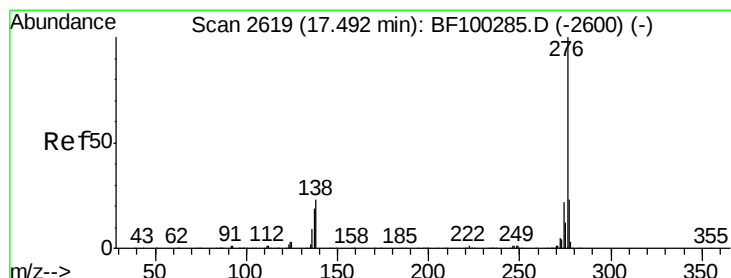
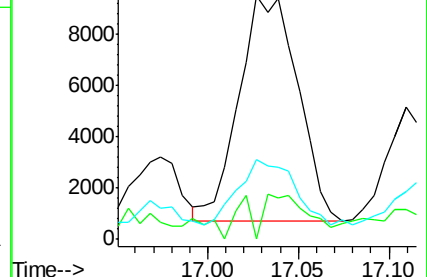
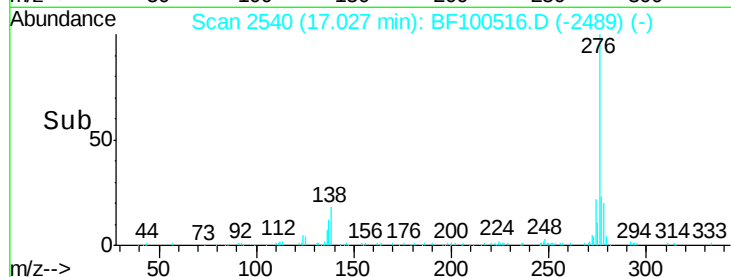
279 32.6 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 5.10 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.26 min

Lab File: BF100516.D

Acq: 13 Nov 2017 21:21

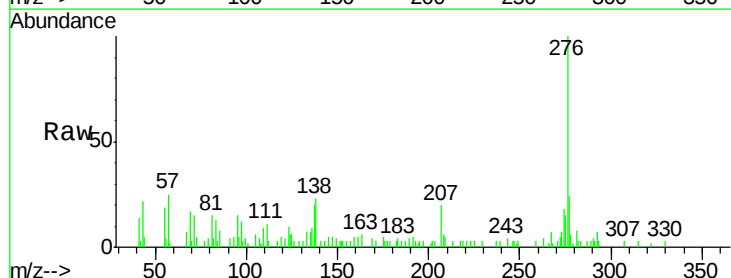
Tgt Ion:276 Resp: 23707

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 23.4 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

