

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097222.D
 Acq On : 31 Jul 2017 21:51
 Operator : SJ/JU
 Sample : I4471-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L7-BASE

Quant Time: Aug 01 03:22:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	141894	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	572415	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	221508	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	284932	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	219609	20.00	ng	0.00
86) Perylene-d12	14.97	264	160534	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	812802	86.35	ng	0.00
7) Phenol-d6	6.16	99	1070267	99.60	ng	0.00
23) Nitrobenzene-d5	7.05	82	638998	65.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	132124	75.49	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	917944	70.33	ng	-0.02
78) Terphenyl-d14	12.57	244	514019	47.72	ng	-0.01

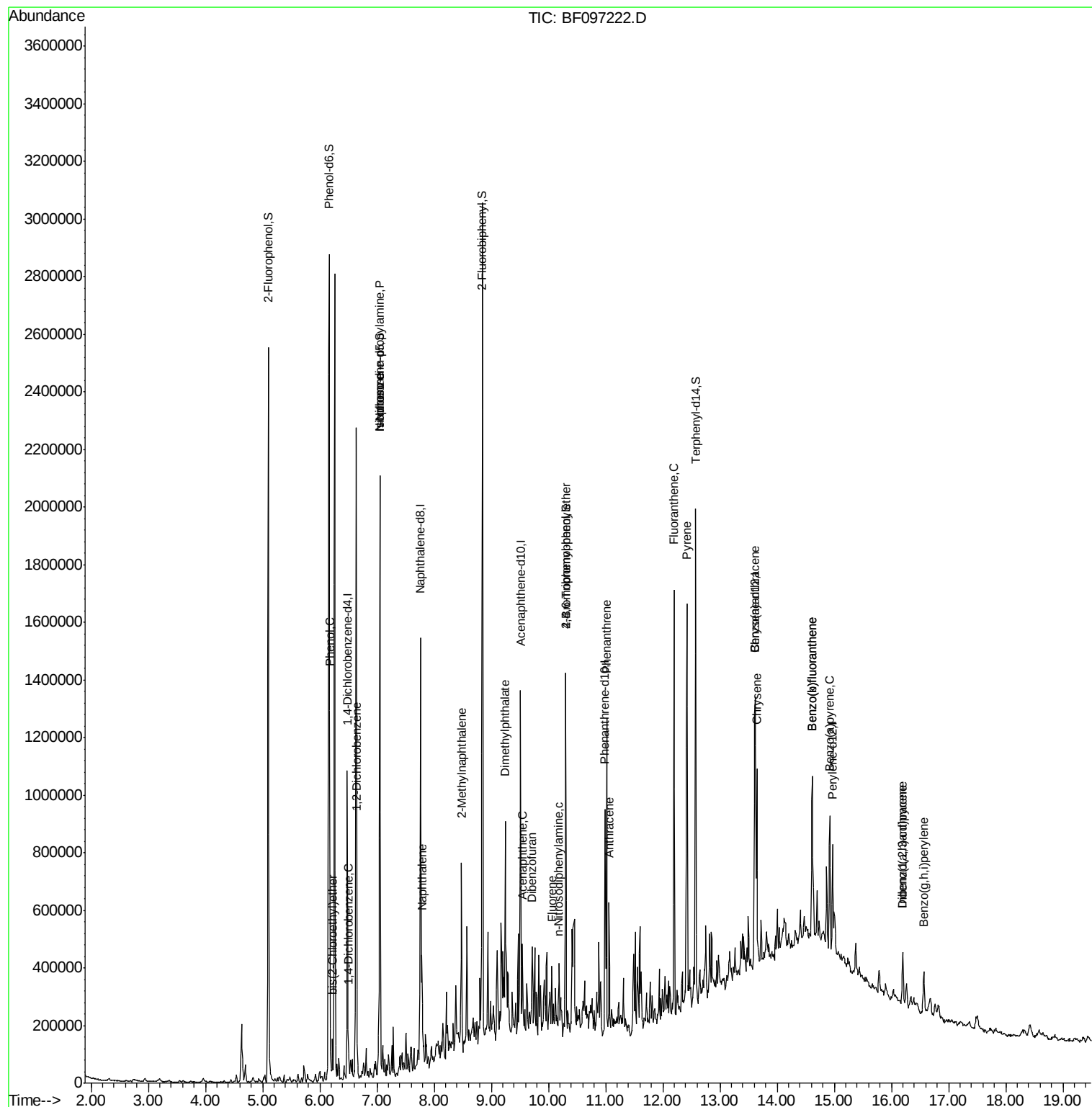
Target Compounds						Qvalue
10) Phenol	6.17	94	64682	5.07	ng	92
11) bis(2-Chloroethyl)ether	6.22	93	28134	2.79	ng	95
13) 1,4-Dichlorobenzene	6.50	146	33562	3.12	ng	95
14) 1,2-Dichlorobenzene	6.65	146	44836	4.78	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	90992	12.86	ng	# 87
25) Isophorone	7.05	82	630749	33.01	ng	# 67
31) Naphthalene	7.79	128	146479	5.43	ng	99
37) 2-Methylnaphthalene	8.47	142	161343	9.44	ng	97
49) Dimethylphthalate	9.25	163	266478	15.84	ng	99
51) Acenaphthene	9.54	154	57077	4.53	ng	99
54) Dibenzofuran	9.72	168	36806	2.20	ng	# 82
57) Fluorene	10.06	166	46441	3.69	ng	# 96
65) n-Nitrosodiphenylamine	10.17	169	21241	2.14	ng	# 48
66) 4-Bromophenyl-phenylether	10.30	248	8429	2.96	ng	# 1
70) Phenanthrene	11.02	178	432808	28.35	ng	99
71) Anthracene	11.06	178	139092	8.90	ng	96
74) Fluoranthene	12.20	202	588895	39.37	ng	99
77) Pyrene	12.42	202	585541	32.57	ng	99
80) Benzo(a)anthracene	13.61	228	269857	18.99	ng	96
82) Chrysene	13.64	228	243100	17.52	ng	96
85) Indeno(1,2,3-cd)pyrene	16.20	276	99167	8.33	ng	95
87) Benzo(b)fluoranthene	14.62	252	349934	36.26	ng	# 96
88) Benzo(k)fluoranthene	14.62	252	349934	38.05	ng	100
89) Benzo(a)pyrene	14.92	252	196603	22.26	ng	97
90) Dibenzo(a,h)anthracene	16.20	278	23335	3.22	ng	# 82
91) Benzo(g,h,i)perylene	16.56	276	95852	12.62	ng	99

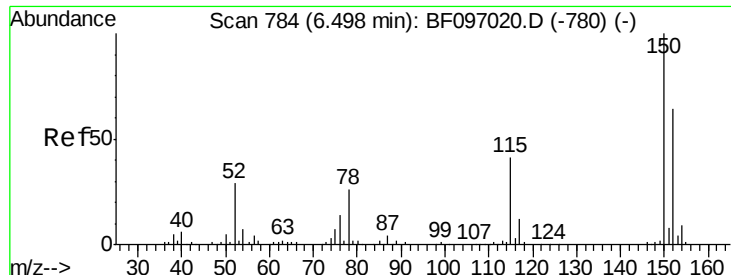
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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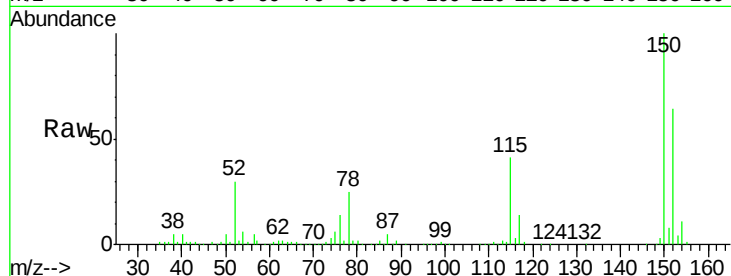


#1

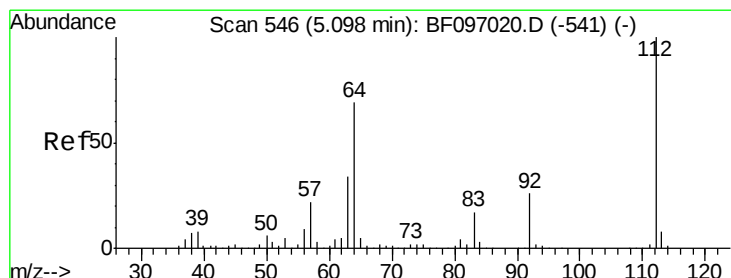
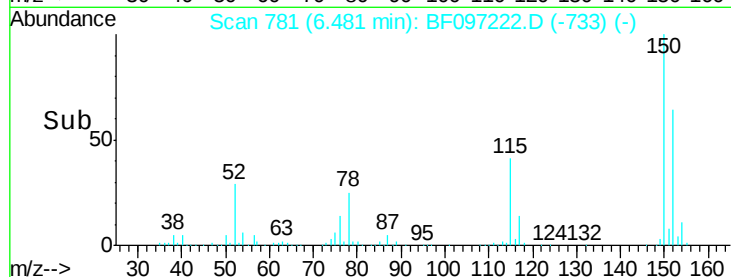
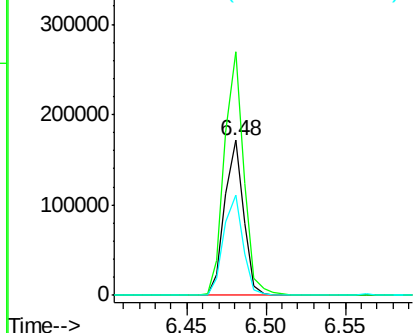
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tot Ion:152 Resp: 141894
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 64.9 52.2 78.2



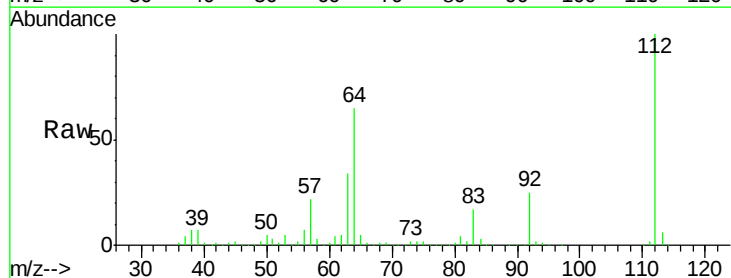
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



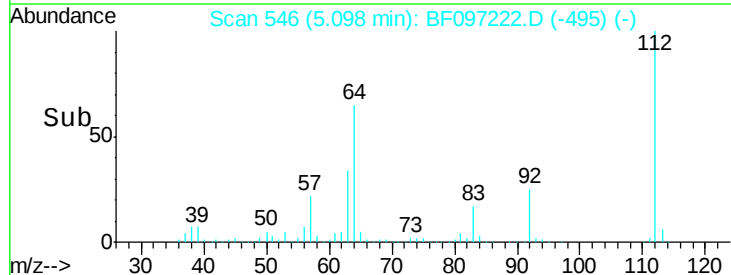
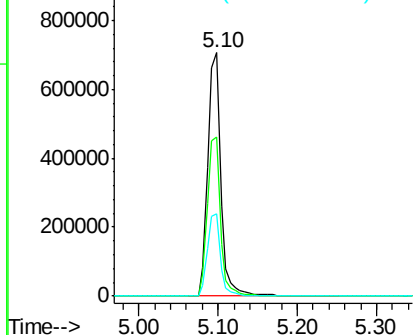
#5

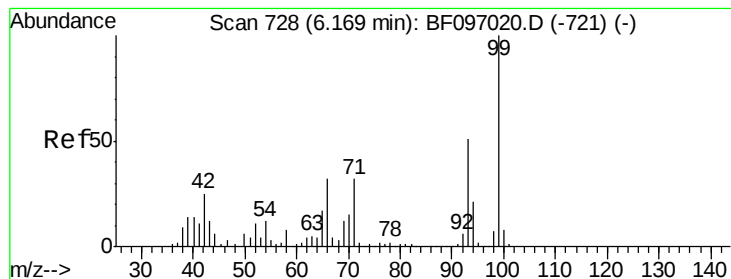
2-Fluorophenol
Concen: 86.35 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:112 Resp: 812802
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.60 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

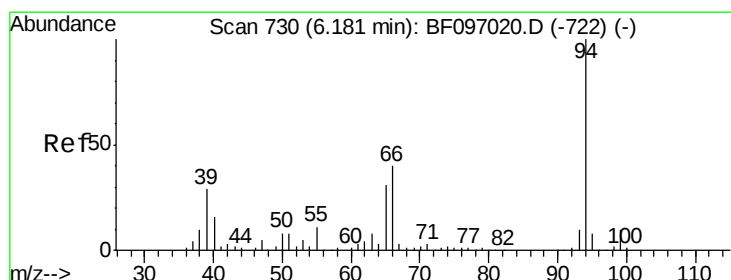
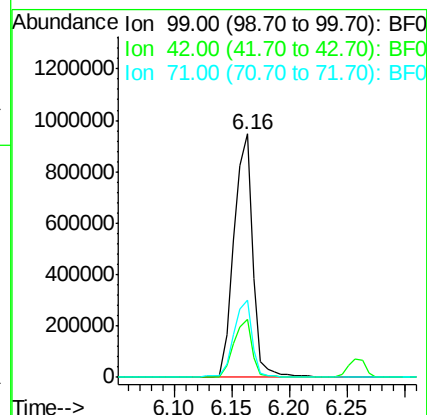
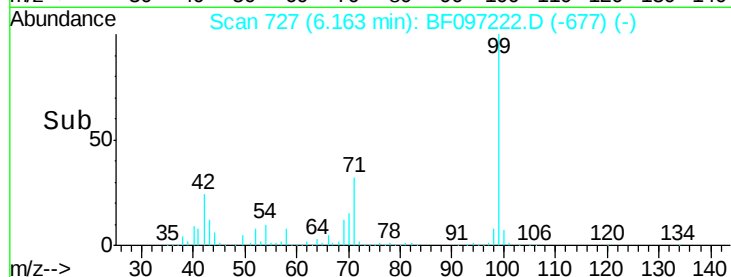
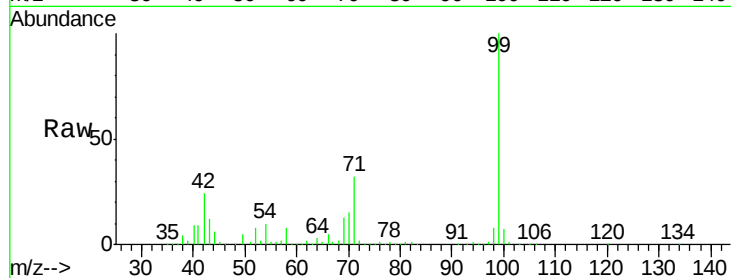
Tot Ion: 99 Resp: 1070267

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

71 31.8 24.5 36.7



#10

Phenol

Concen: 5.07 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

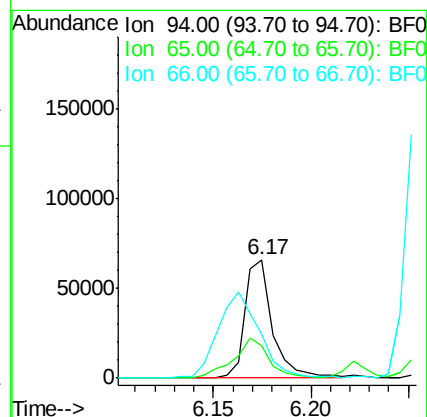
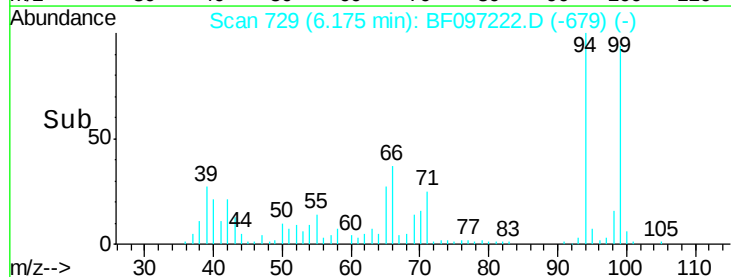
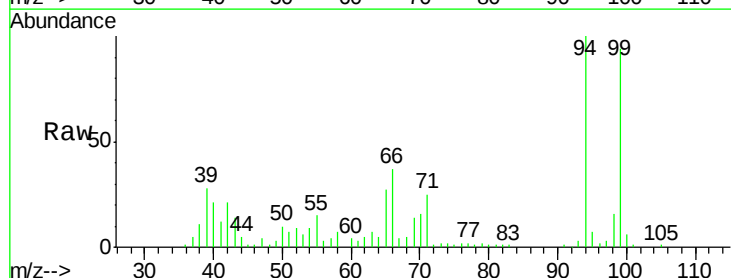
Tgt Ion: 94 Resp: 64682

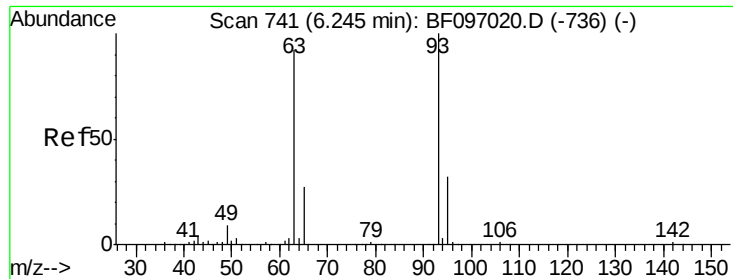
Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

66 36.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 2.79 ng

RT: 6.22 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

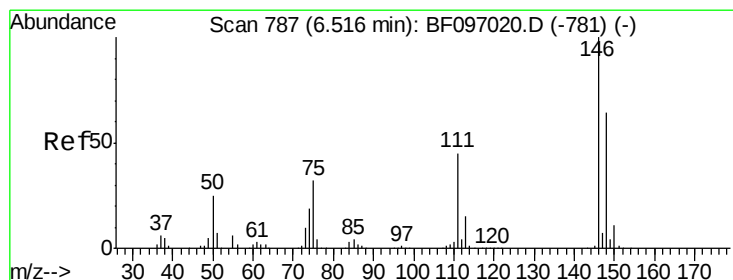
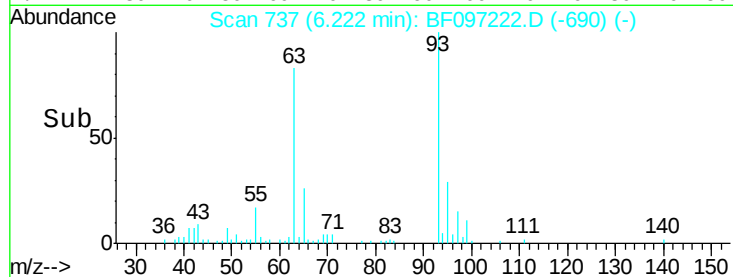
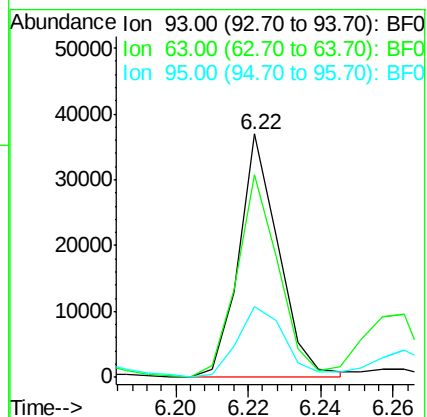
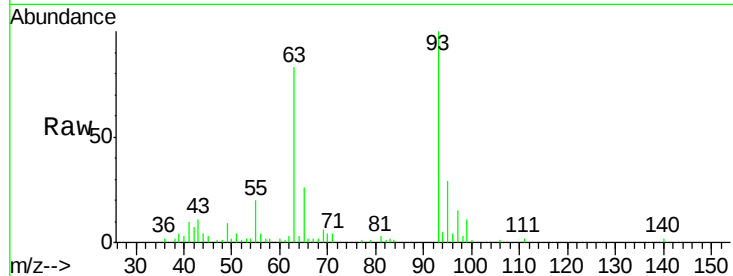
Tot Ion: 93 Resp: 28134

Ion Ratio Lower Upper

93 100

63 83.1 59.2 99.2

95 29.2 12.8 52.8



#13

1,4-Dichlorobenzene

Concen: 3.12 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

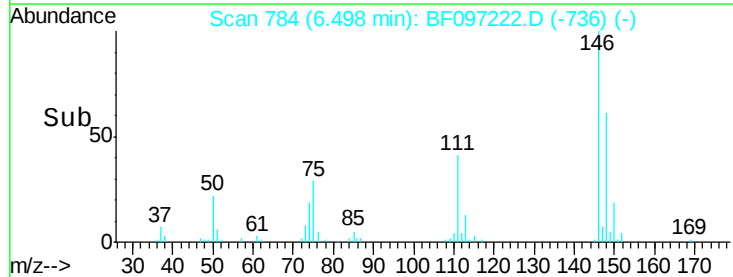
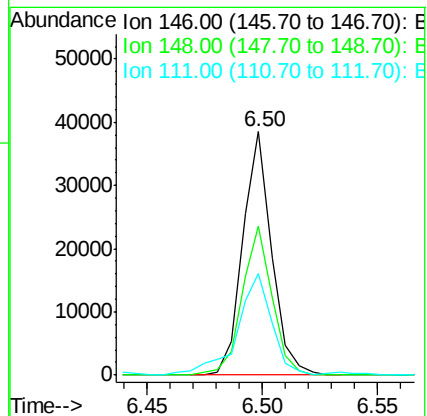
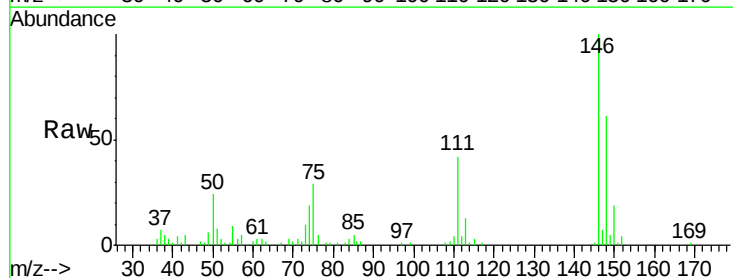
Tgt Ion: 146 Resp: 33562

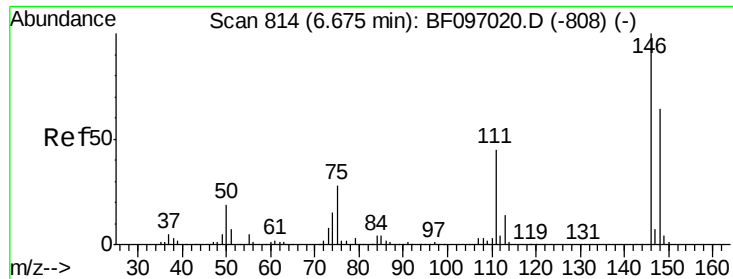
Ion Ratio Lower Upper

146 100

148 61.3 52.2 78.2

111 41.7 30.3 45.5





#14

1,2-Dichlorobenzene

Concen: 4.78 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

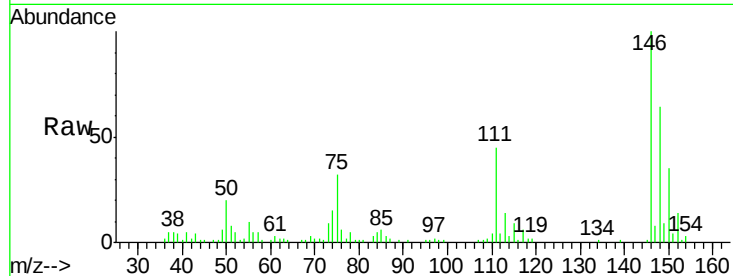
Tot Ion:146 Resp: 44836

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

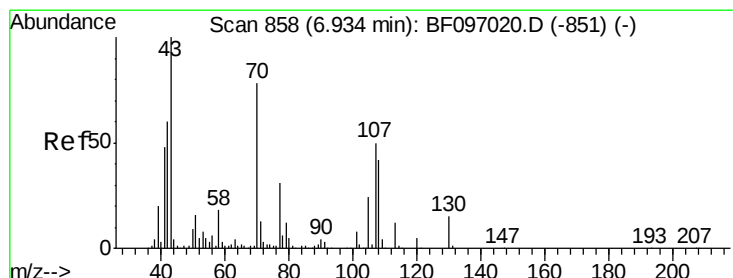
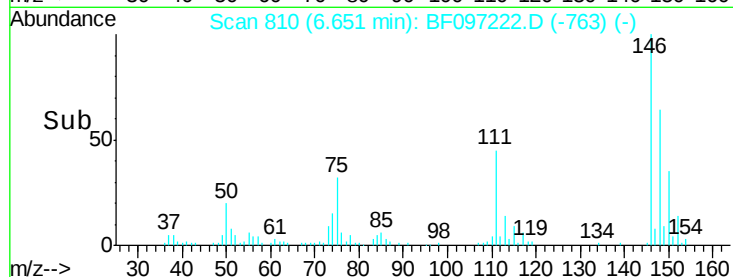
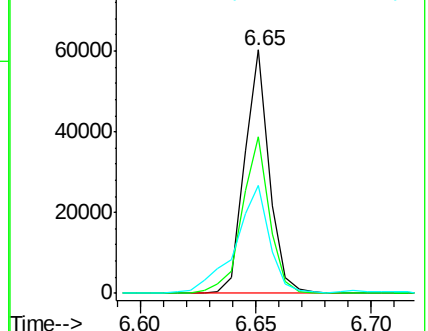
111 44.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 12.86 ng

RT: 7.05 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Tgt Ion: 70 Resp: 90992

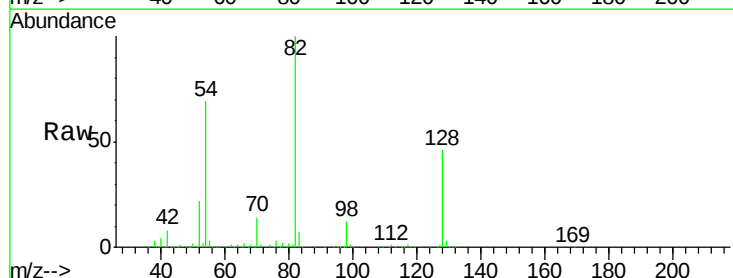
Ion Ratio Lower Upper

70 100

42 61.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

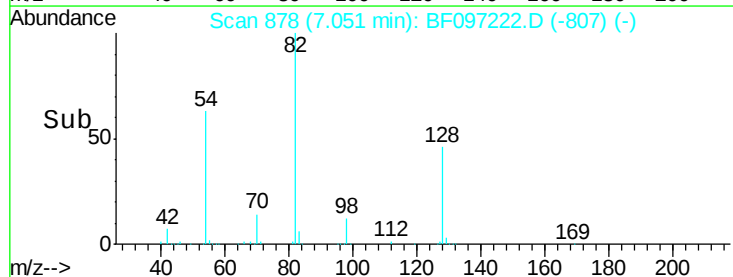
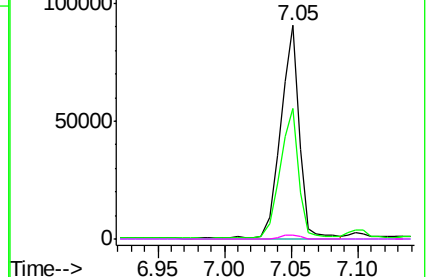


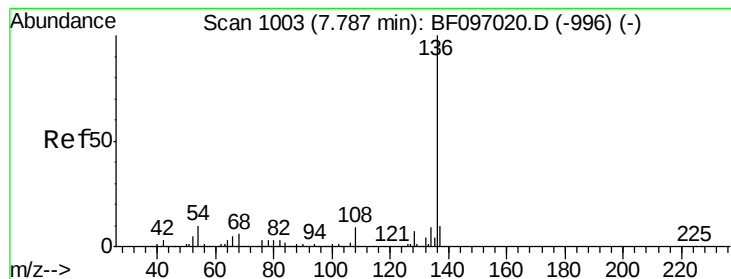
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

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Tot Ion:136 Resp: 572415

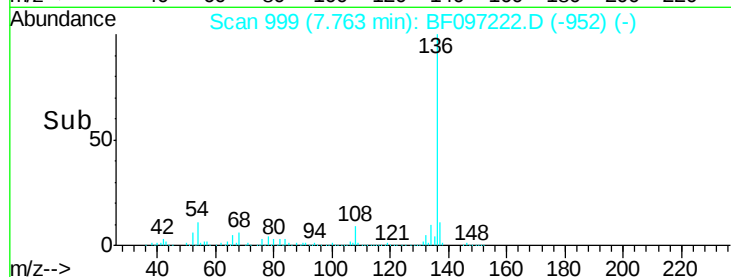
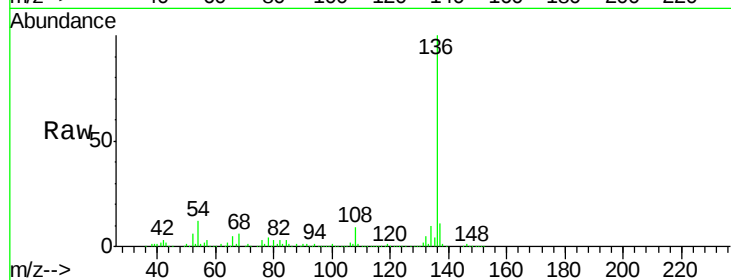
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.5 4.9 7.3#

68 6.2 4.1 6.1#

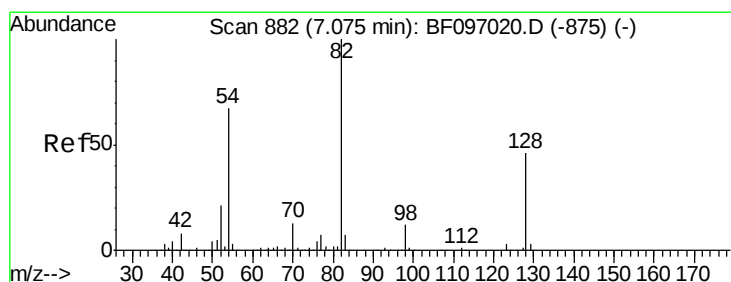
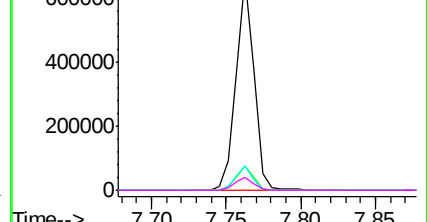


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 65.49 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

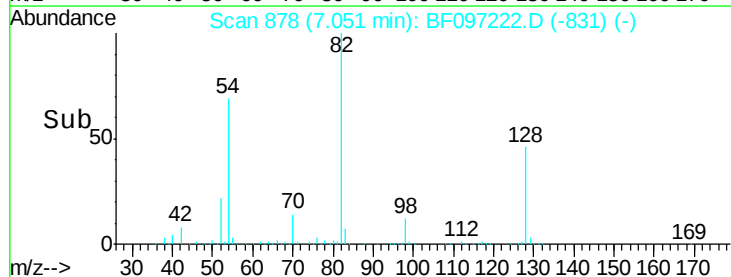
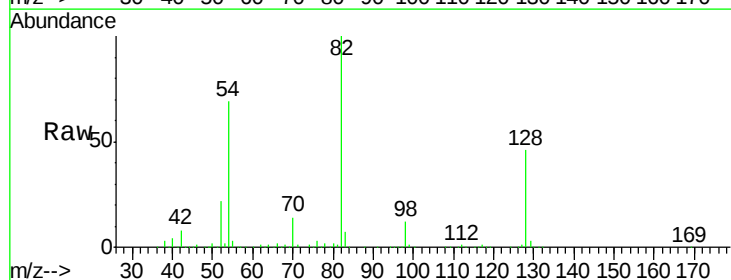
Tgt Ion: 82 Resp: 638998

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

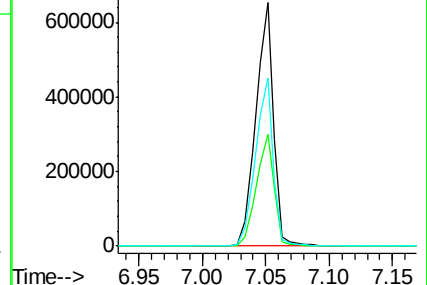
54 68.9 42.2 63.2#

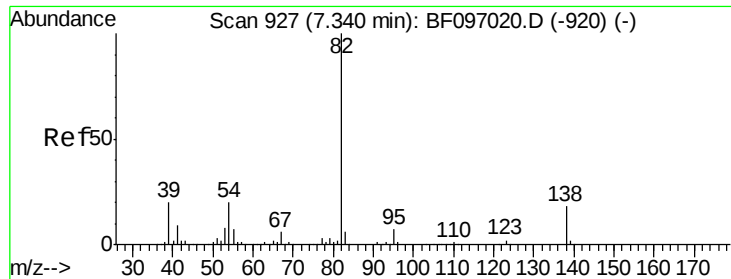


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.01 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.29 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

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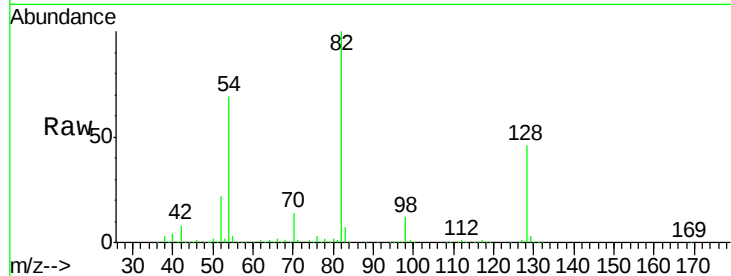
Tot Ion: 82 Resp: 630749

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

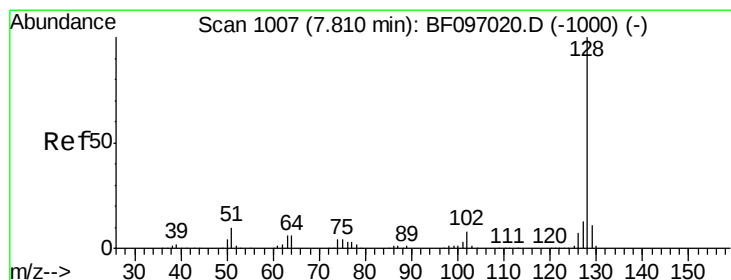
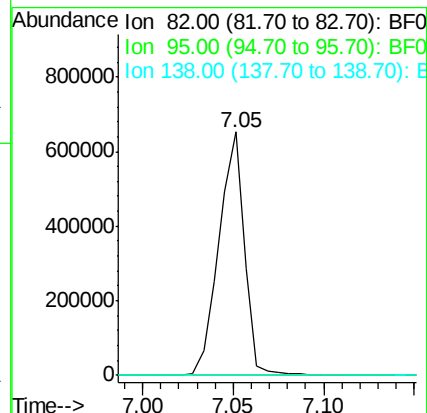
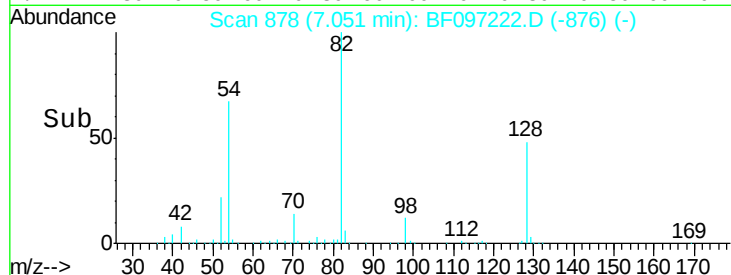
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 5.43 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

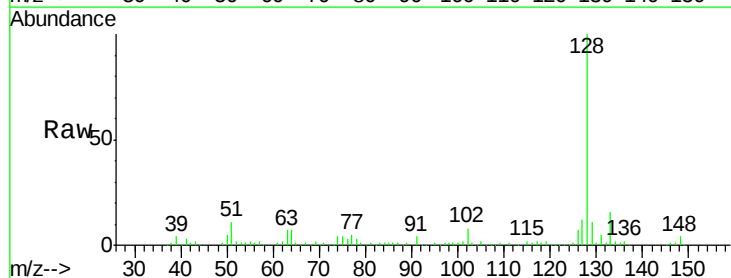
Tgt Ion: 128 Resp: 146479

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

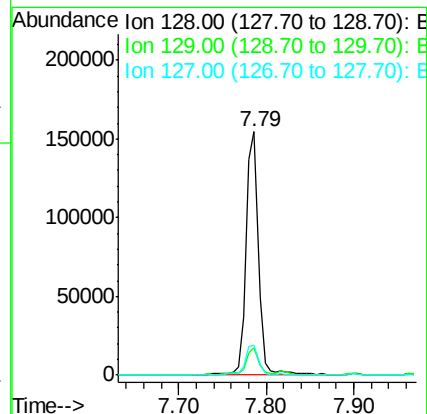
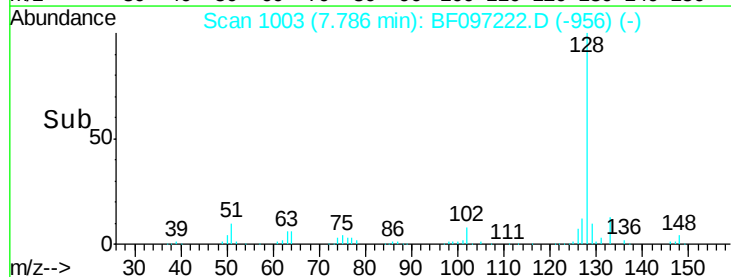
127 12.5 10.8 16.2

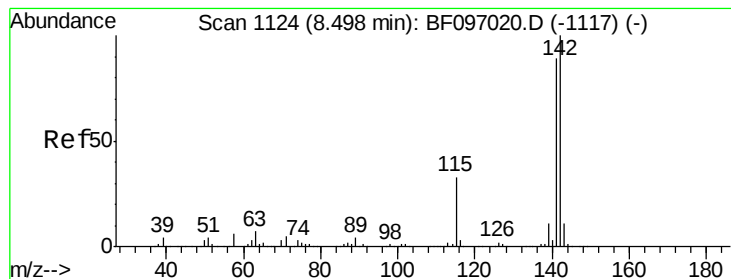


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

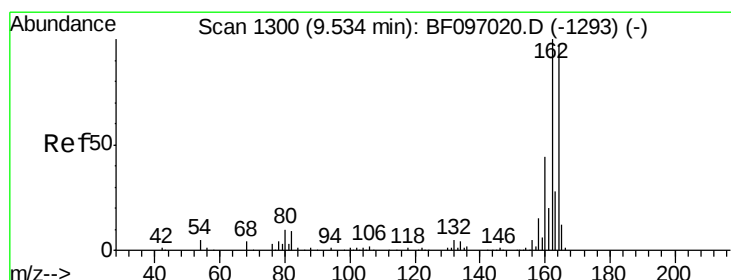
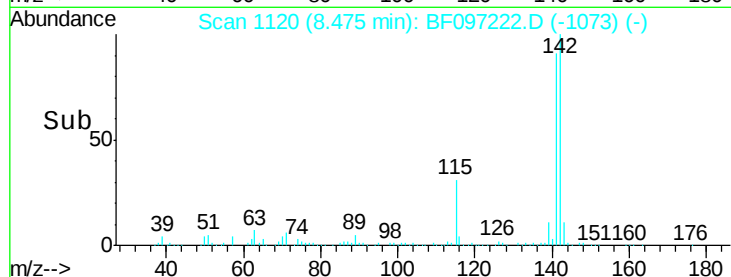
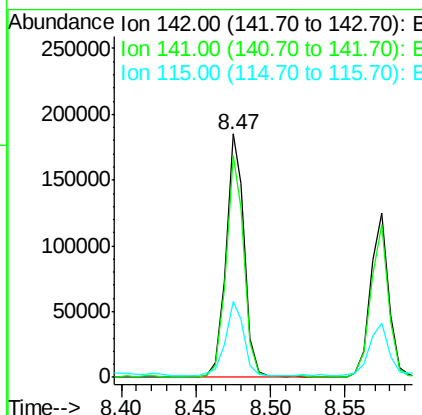
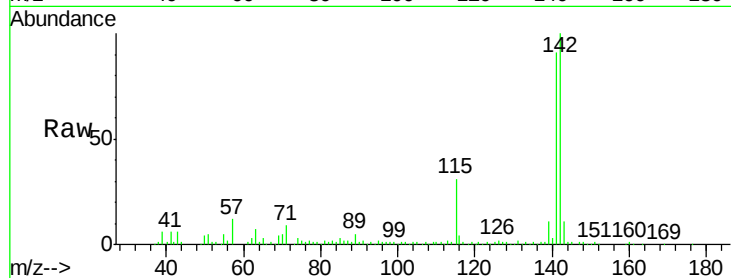




#37
 2-Methylnaphthalene
 Concen: 9.44 ng
 RT: 8.47 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF097222.D
 Acq: 31 Jul 2017 21:51

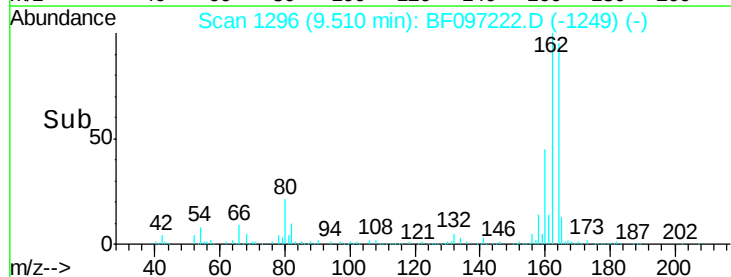
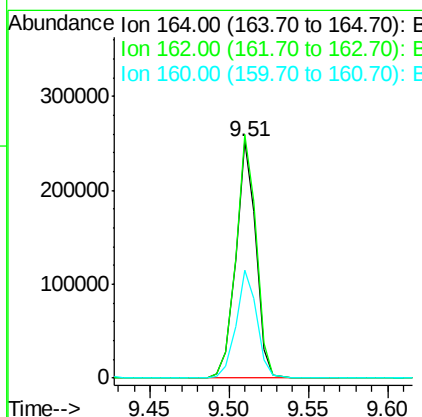
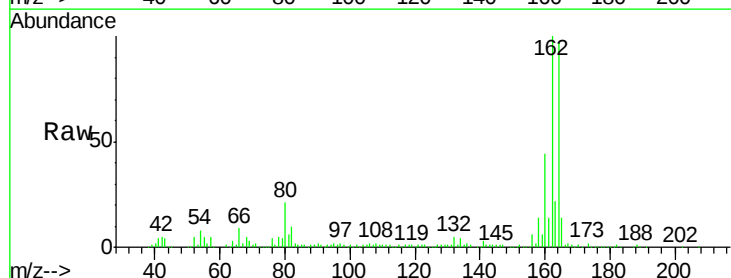
Instrument :
 BNA_F
 ClientSampleId :
 E2-L7-BASE

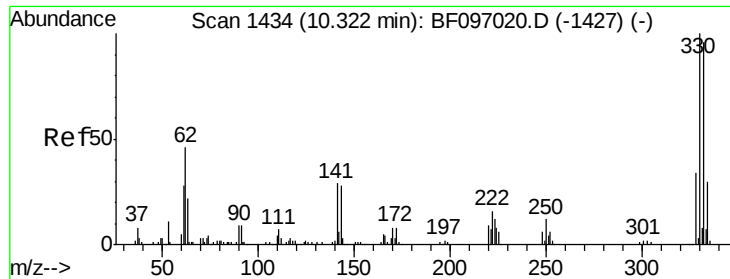
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9
115	31.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097222.D
 Acq: 31 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.5	36.2	54.2

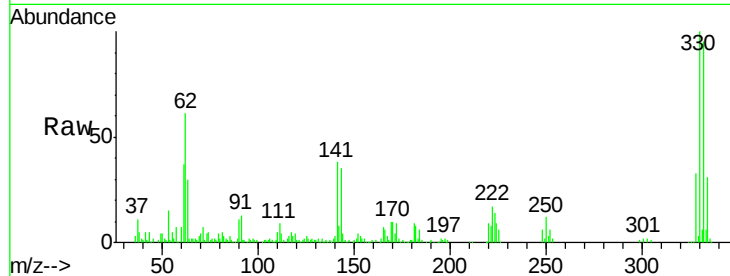




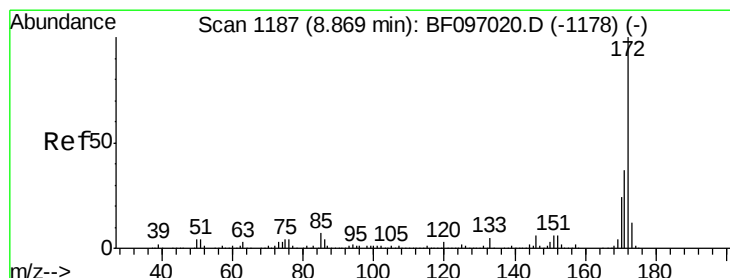
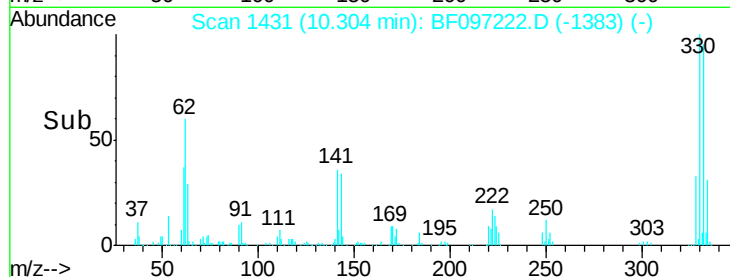
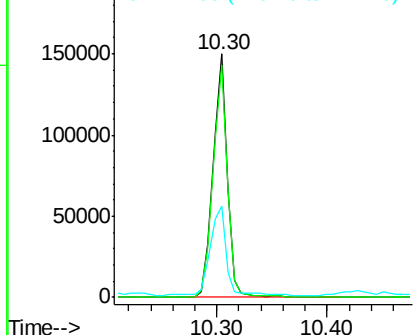
#41
 2,4,6-Tribromophenol
 Concen: 75.49 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097222.D
 Acq: 31 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-L7-BASE

Tot Ion:330 Resp: 132124
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 40.2 31.4 47.2

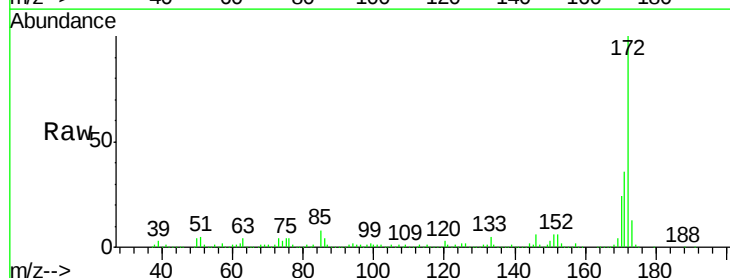


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

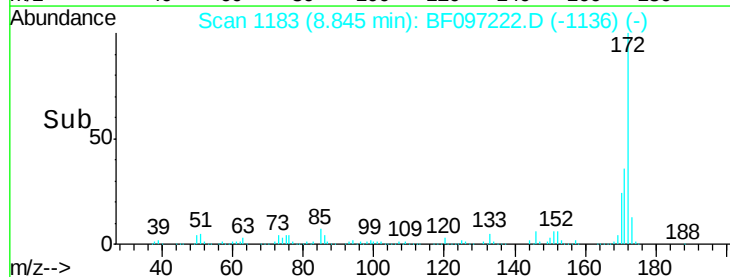
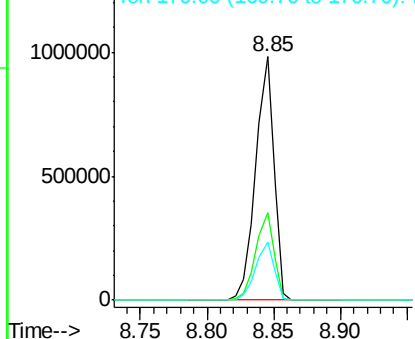


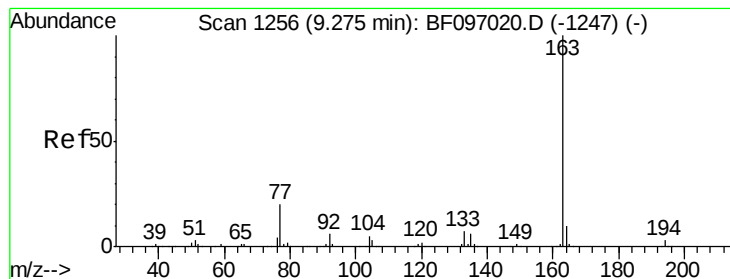
#44
 2-Fluorobiphenyl
 Concen: 70.33 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097222.D
 Acq: 31 Jul 2017 21:51

Tgt Ion:172 Resp: 917944
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 19.8 29.8



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





#49

Dimethylphthalate

Concen: 15.84 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

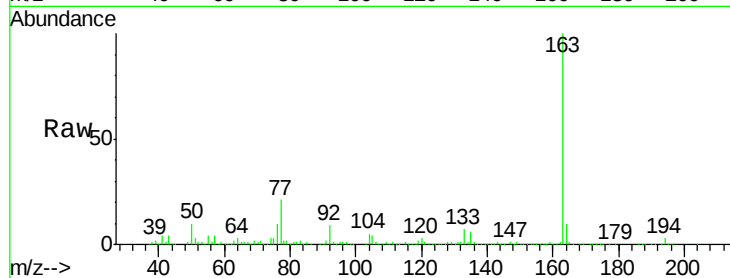
Tot Ion:163 Resp: 266478

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 10.1 8.4 12.6



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

9.25

400000

300000

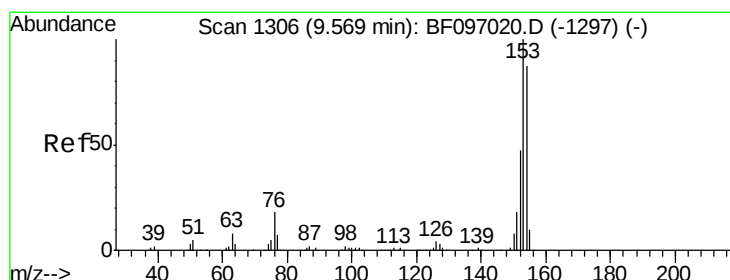
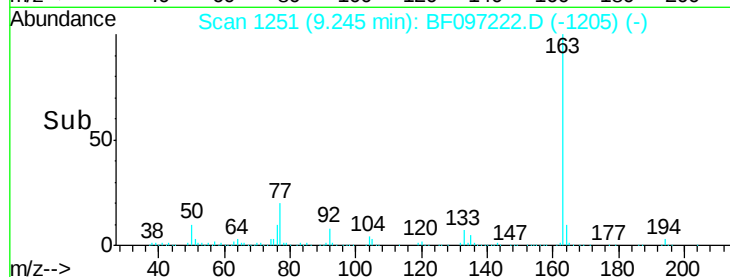
200000

100000

0

Time-->

9.15 9.20 9.25 9.30



#51

Acenaphthene

Concen: 4.53 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

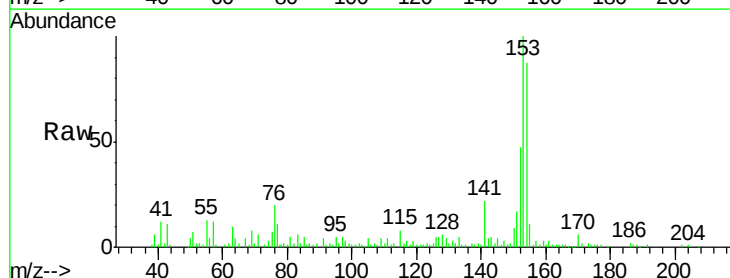
Tgt Ion:154 Resp: 57077

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

152 54.3 43.6 65.4



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

100000

80000

60000

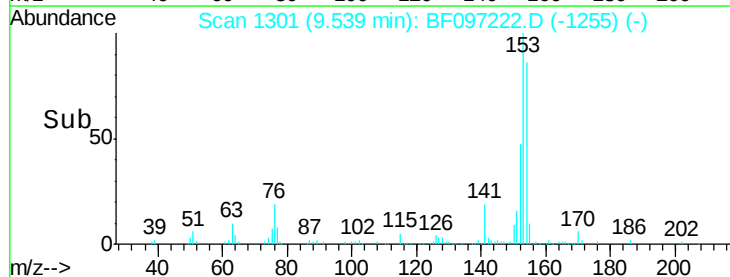
40000

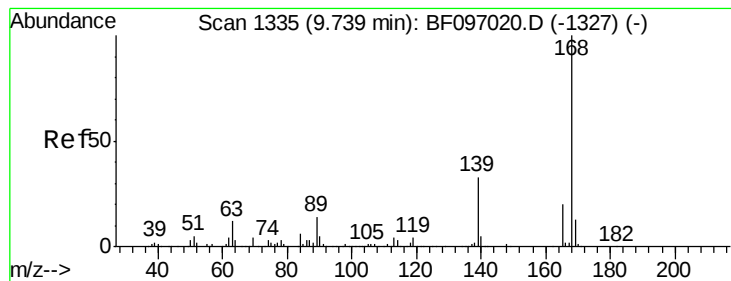
20000

0

Time-->

9.45 9.50 9.55 9.60





#54

Dibenzofuran

Concen: 2.20 ng

RT: 9.72 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

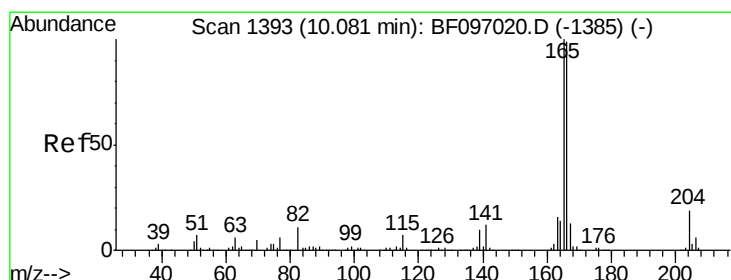
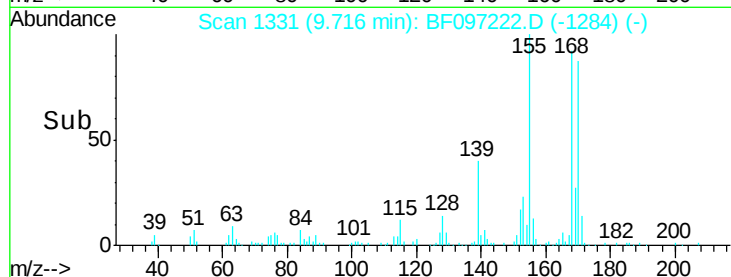
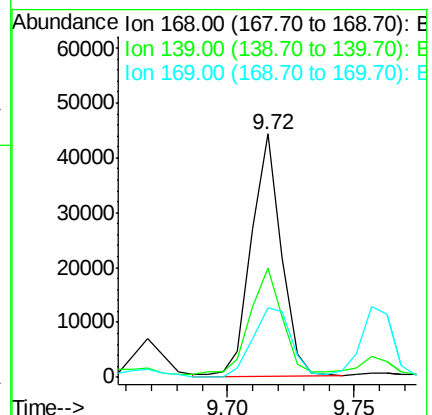
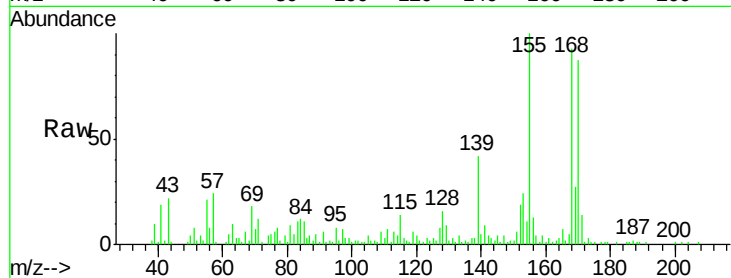
Tot Ion:168 Resp: 36806

Ion Ratio Lower Upper

168 100

139 45.0 30.6 45.8

169 28.6 10.8 16.2#



#57

Fluorene

Concen: 3.69 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

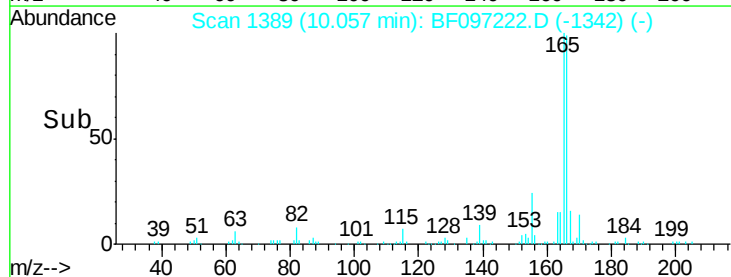
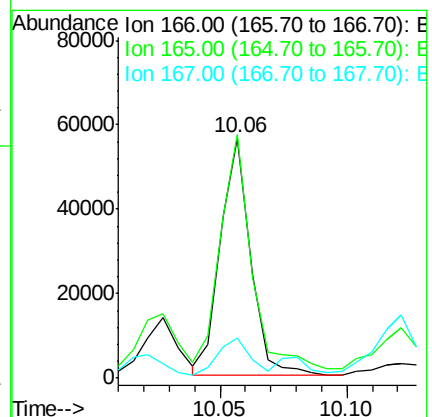
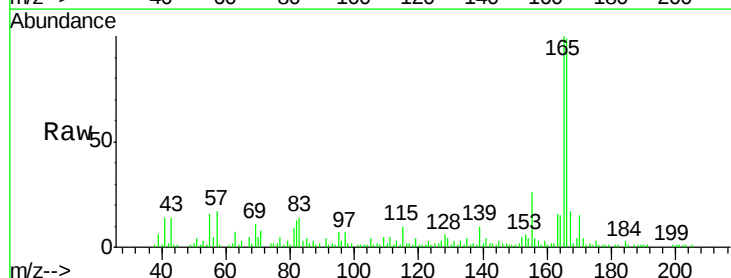
Tgt Ion:166 Resp: 46441

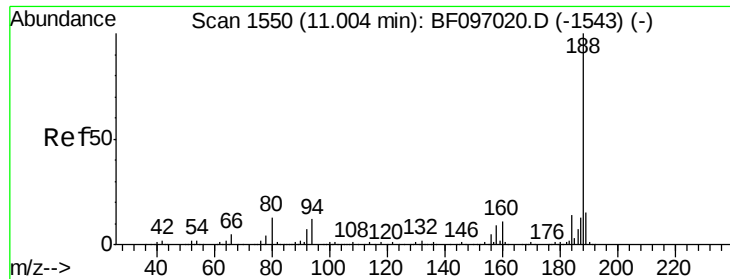
Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

167 16.8 10.6 16.0#

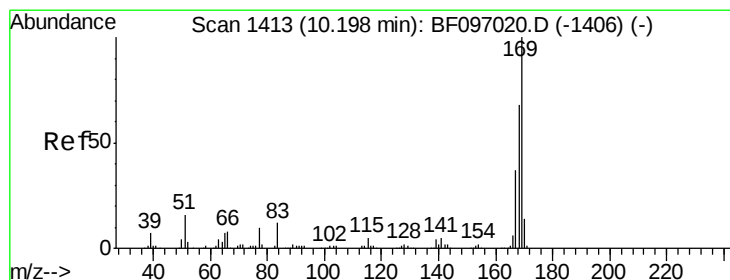
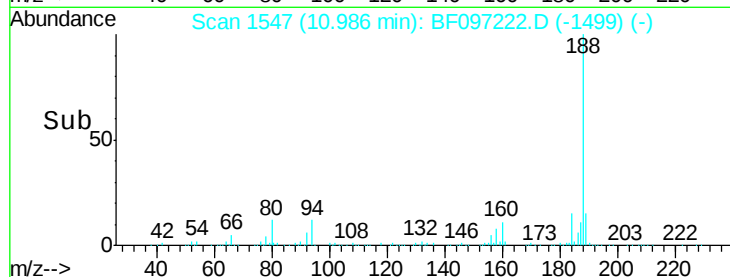
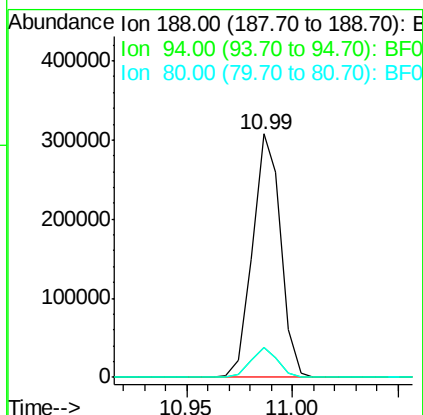
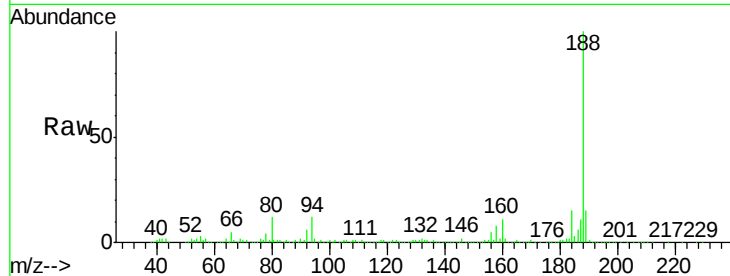




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

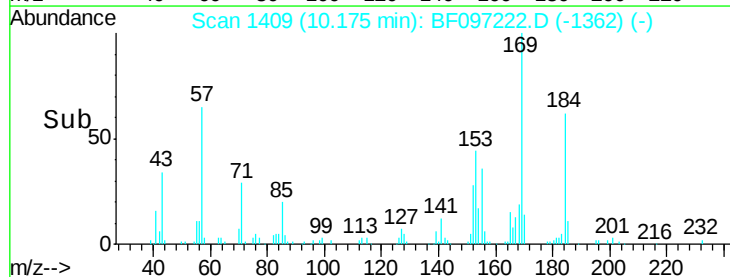
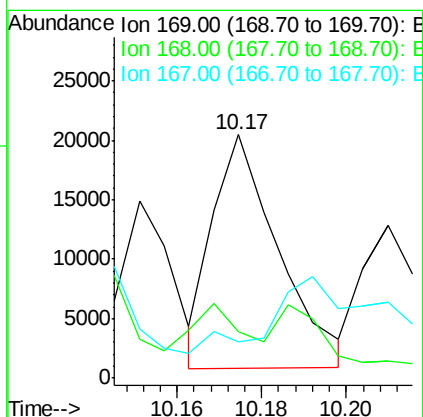
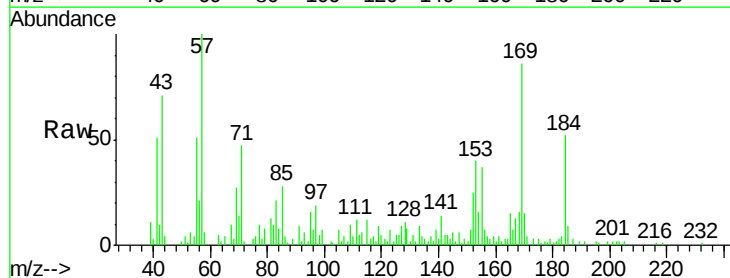
Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

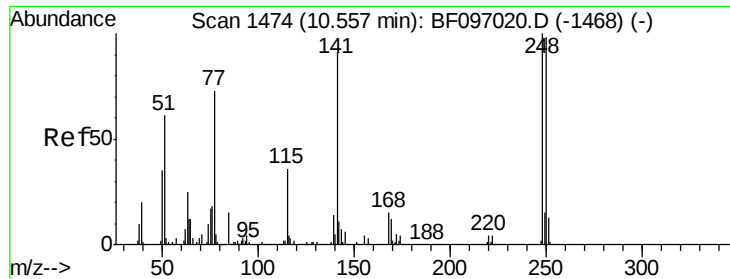
Tot Ion:188 Resp: 284932
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.2 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 2.14 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:169 Resp: 21241
Ion Ratio Lower Upper
169 100
168 18.8 53.2 79.8#
167 14.7 29.5 44.3#

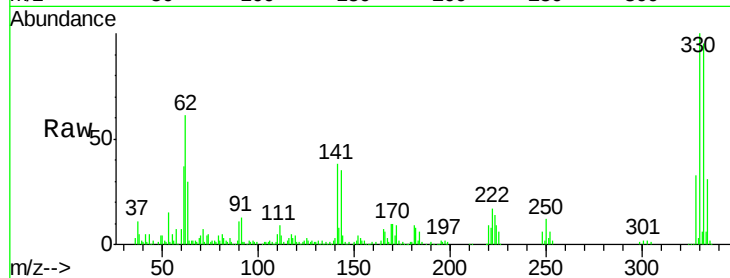




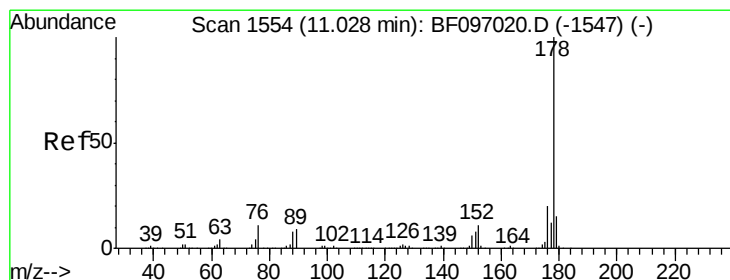
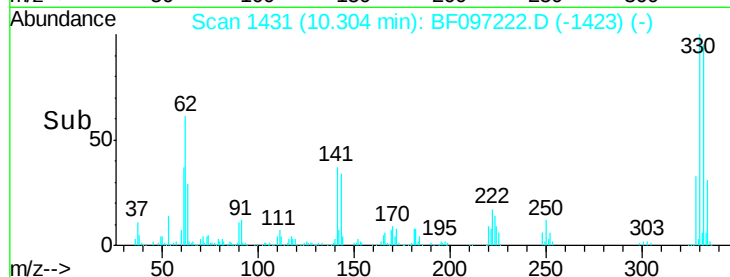
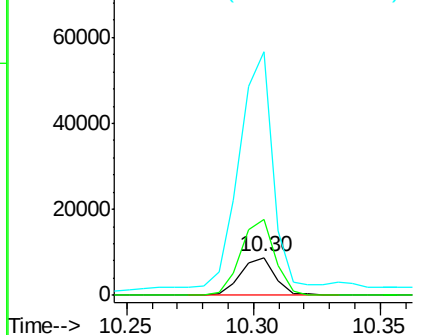
#66
 4-Bromophenyl-phenylether
 Concen: 2.96 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF097222.D
 Acq: 31 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-L7-BASE

Tot Ion:248 Resp: 8429
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.8 115.2#
 141 641.0 68.6 103.0#

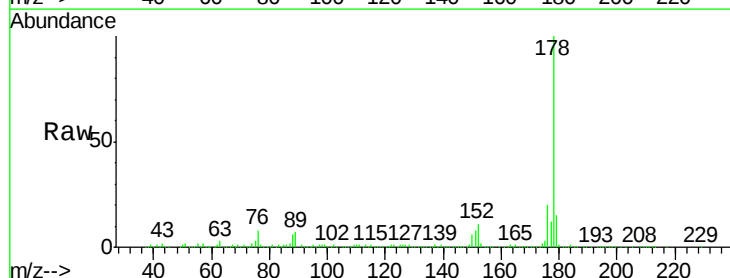


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

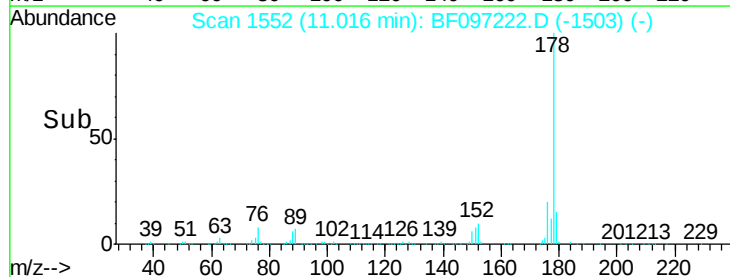
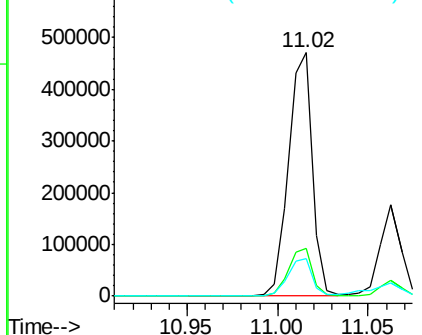


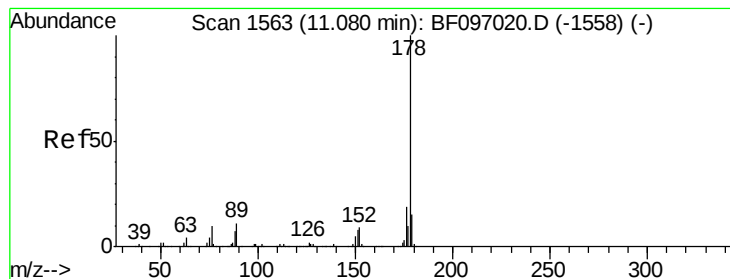
#70
 Phenanthrene
 Concen: 28.35 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097222.D
 Acq: 31 Jul 2017 21:51

Tgt Ion:178 Resp: 432808
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.3 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





#71

Anthracene

Concen: 8.90 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

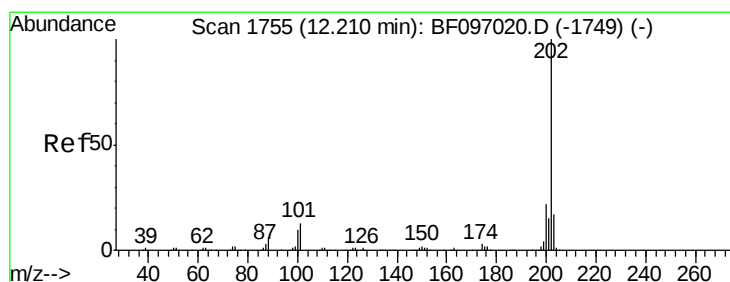
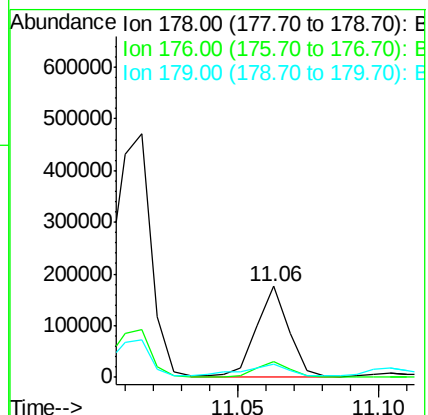
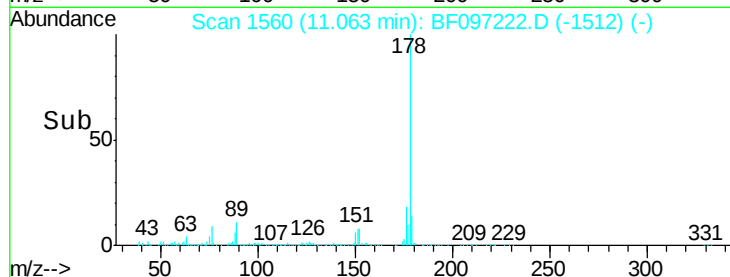
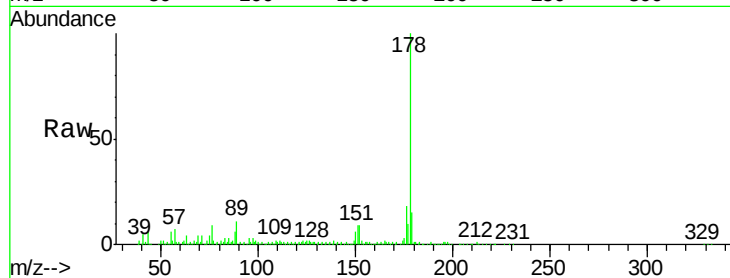
Tot Ion:178 Resp: 139092

Ion Ratio Lower Upper

178 100

176 17.6 15.8 23.8

179 14.7 12.7 19.1



#74

Fluoranthene

Concen: 39.37 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

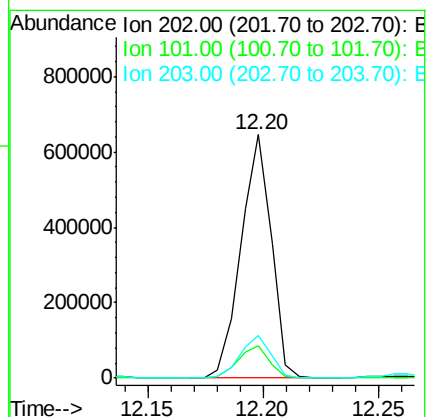
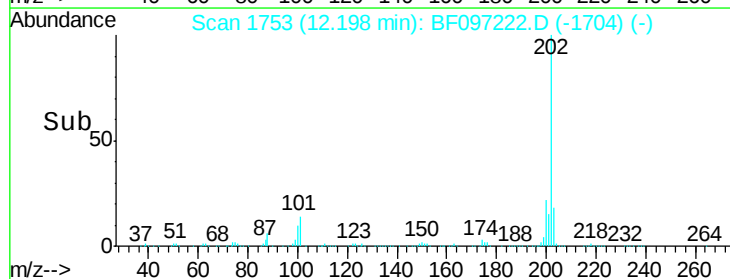
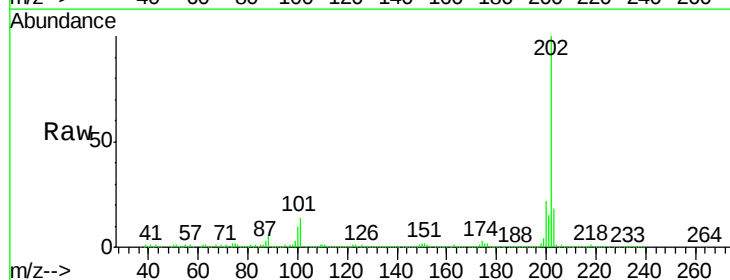
Tgt Ion:202 Resp: 588895

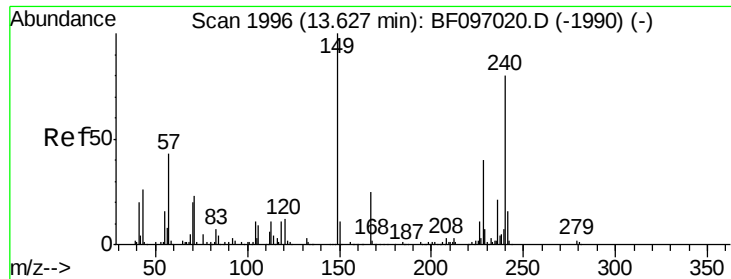
Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

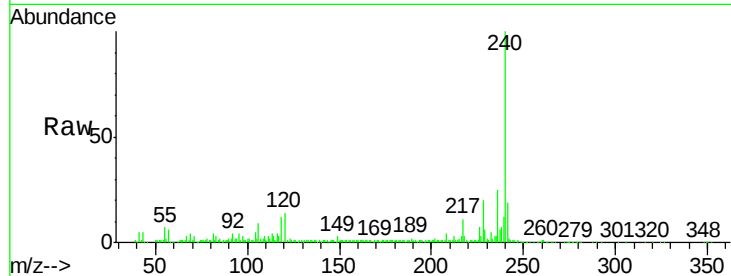
Tot Ion:240 Resp: 219609

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

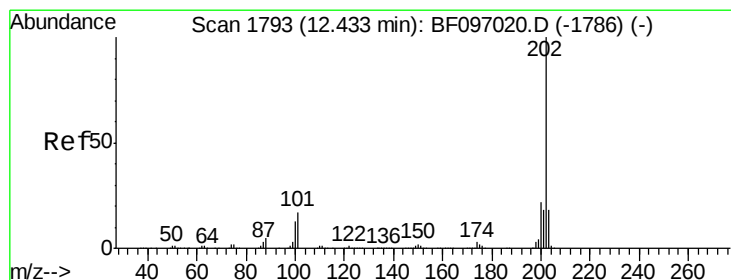
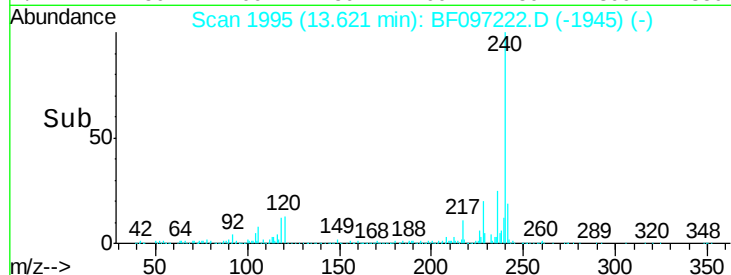
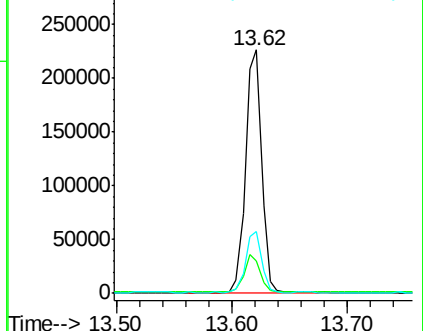
236 25.3 20.5 30.7



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: 32.57 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

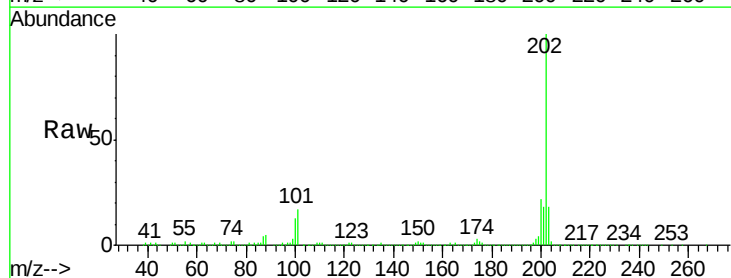
Tgt Ion:202 Resp: 585541

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

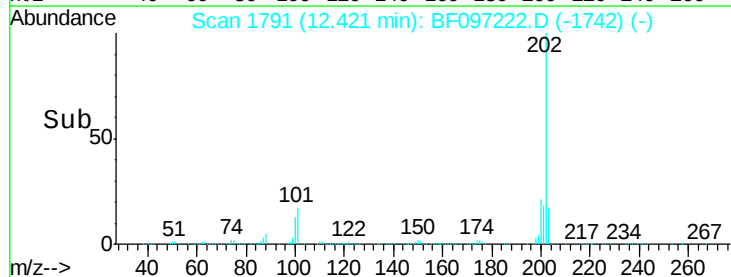
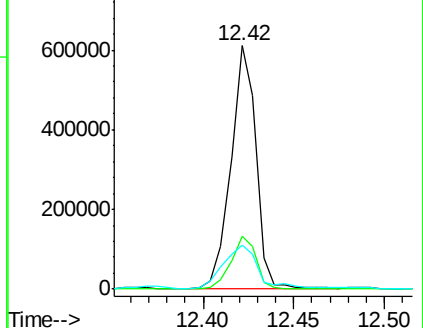
203 18.2 14.4 21.6

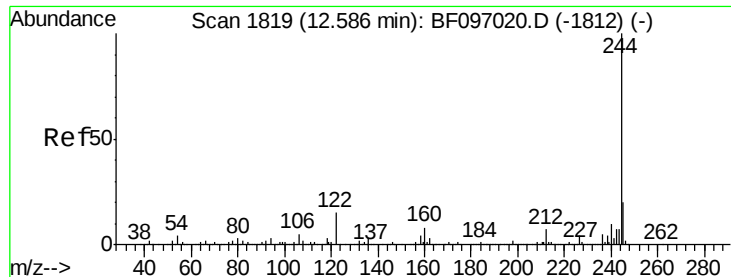


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 47.72 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

E2-L7-BASE

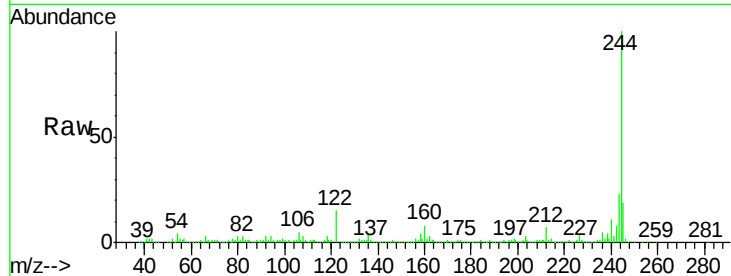
Tot Ion:244 Resp: 514019

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

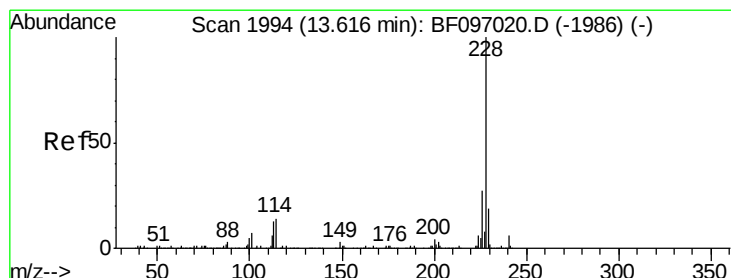
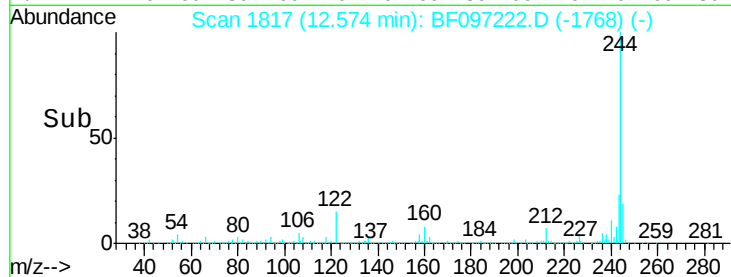
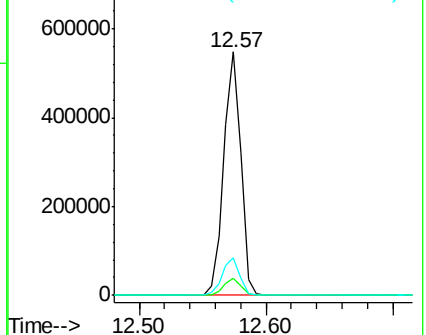
122 15.4 10.3 15.5



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: 18.99 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

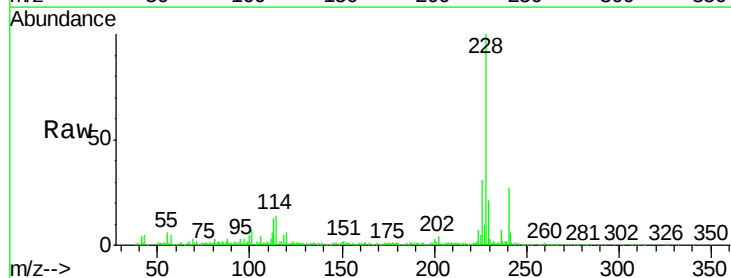
Tgt Ion:228 Resp: 269857

Ion Ratio Lower Upper

228 100

226 31.2 22.6 33.8

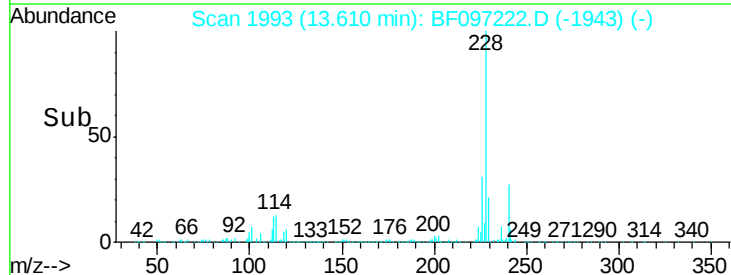
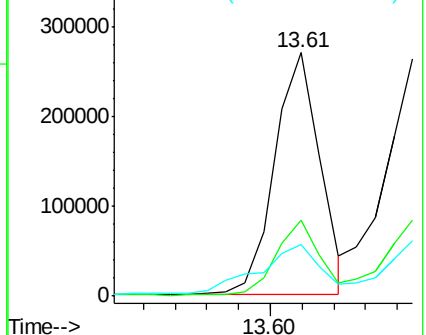
229 21.4 16.3 24.5

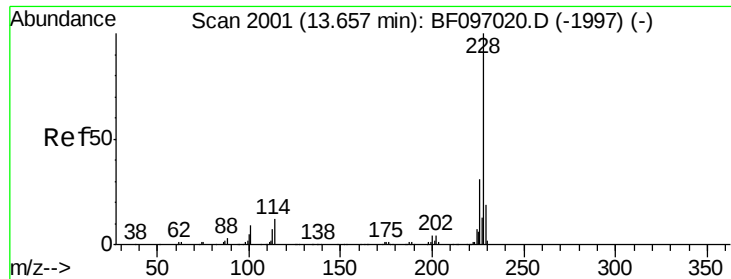


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 17.52 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Instrument :

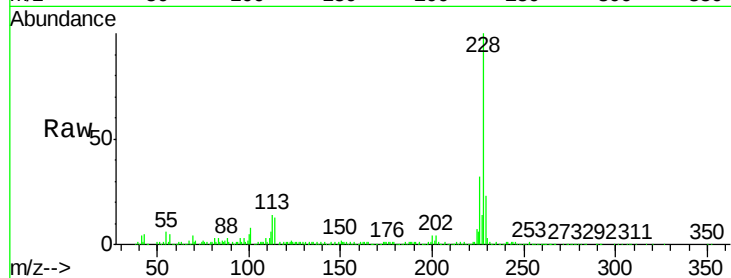
BNA_F

ClientSampleId :

E2-L7-BASE

Tot Ion:228 Resp: 243100

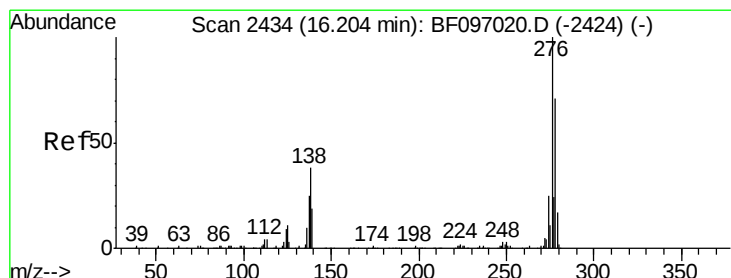
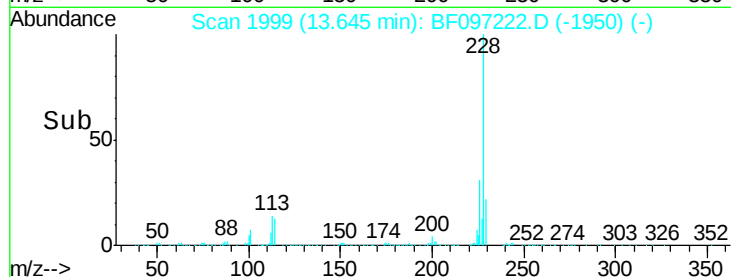
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	23.3	15.8	23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.33 ng

RT: 16.20 min Scan# 2433

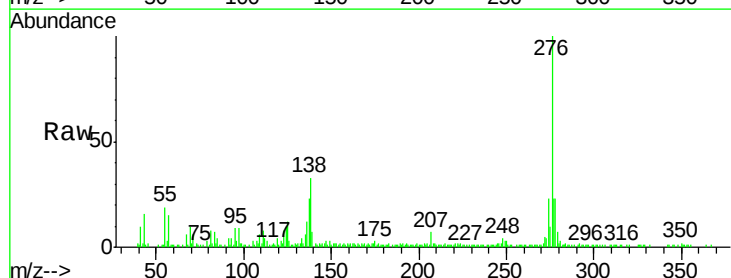
Delta R.T. -0.01 min

Lab File: BF097222.D

Acq: 31 Jul 2017 21:51

Tgt Ion:276 Resp: 99167

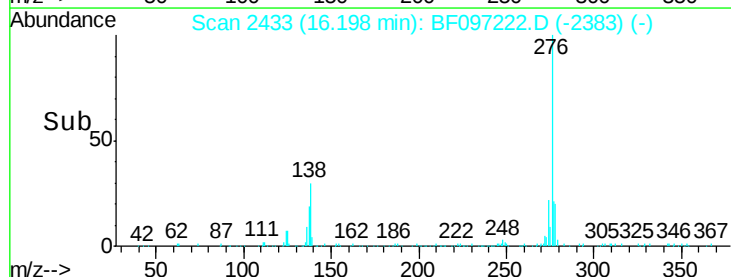
Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	22.8	20.2	30.4

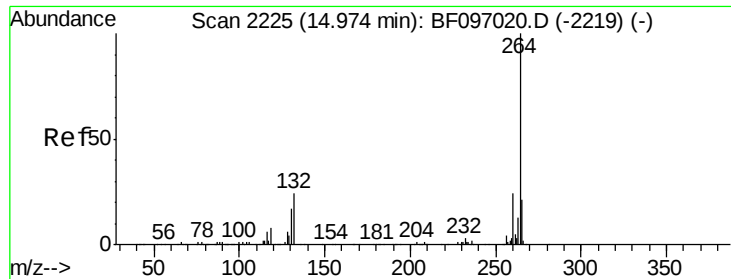


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

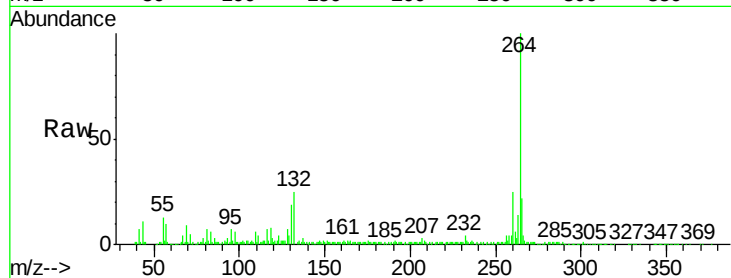




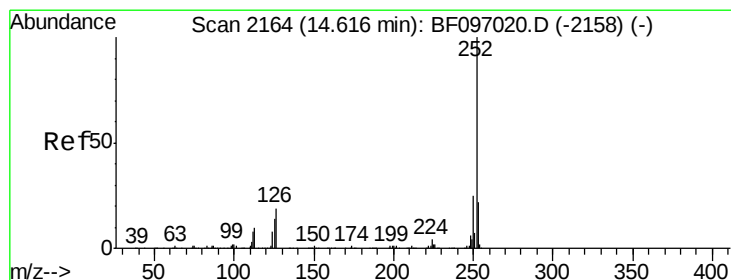
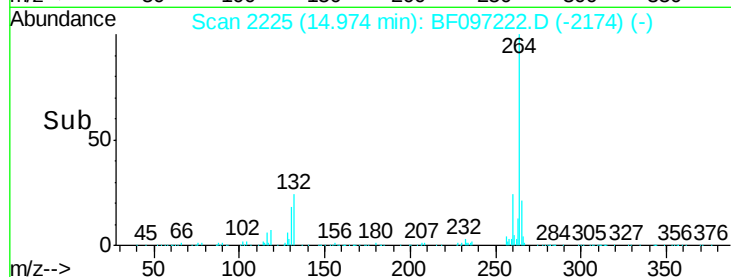
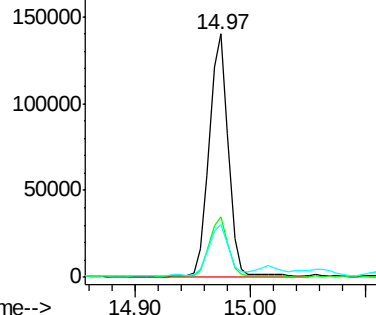
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.6	17.2	25.8

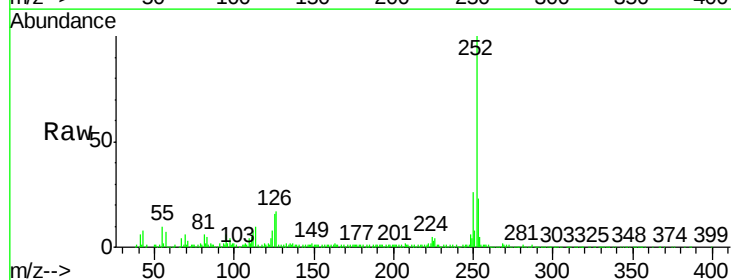


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

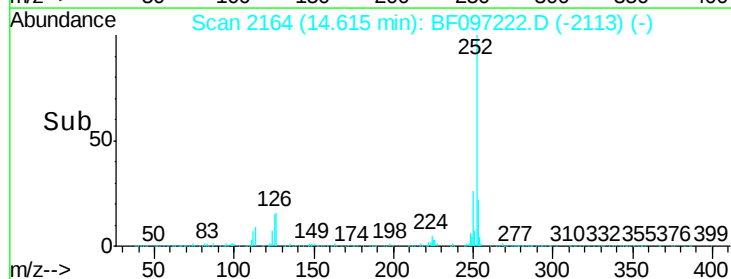
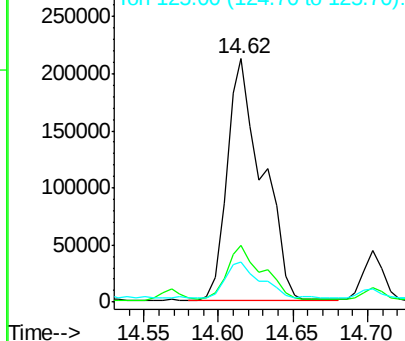


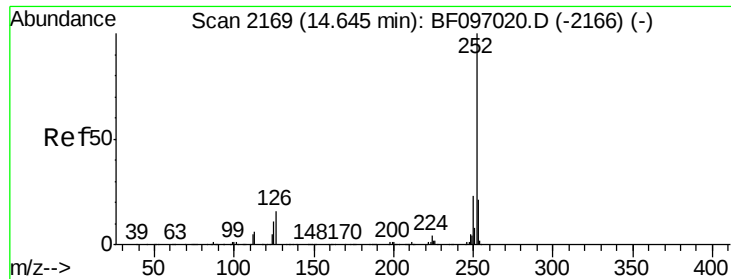
#87
Benzo(b)fluoranthene
Concen: 36.26 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	16.4	9.8	14.8#



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

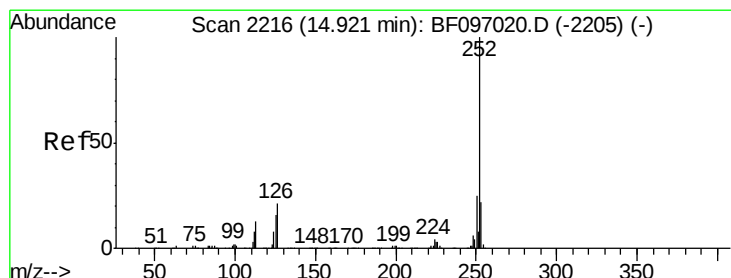
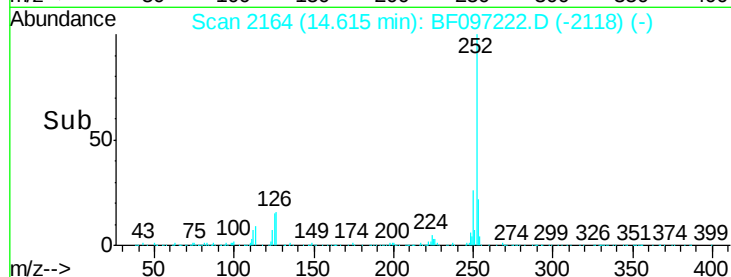
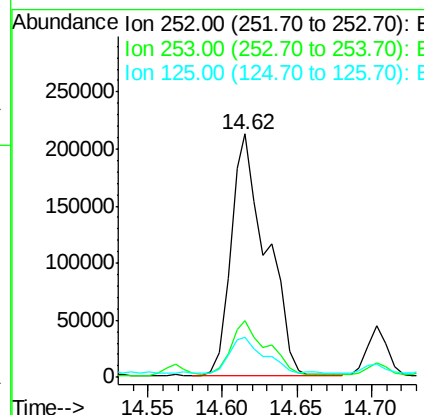
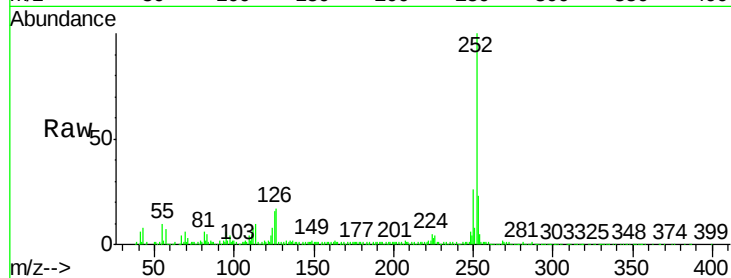




#88
Benzo(k)fluoranthene
Concen: 38.05 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

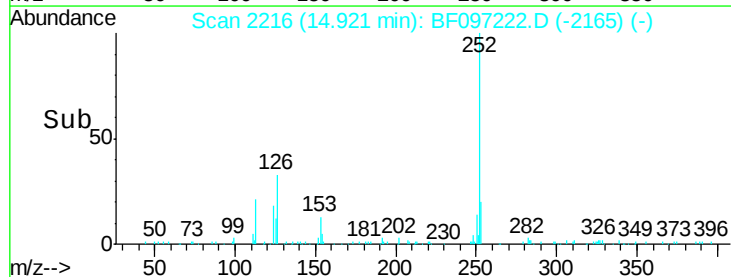
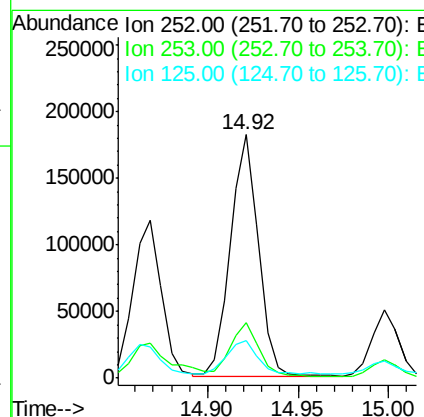
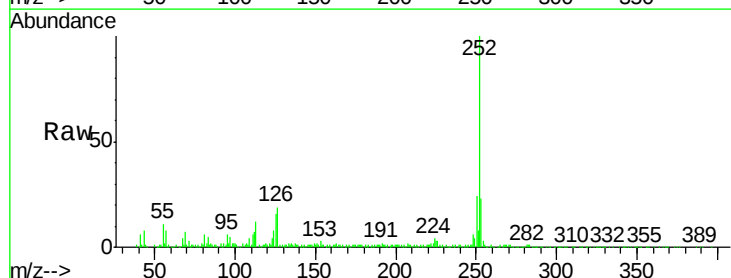
Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

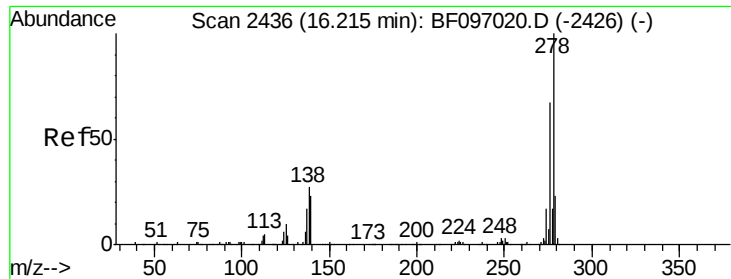
Tot Ion:252 Resp: 349934
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 16.4 13.1 19.7



#89
Benzo(a)pyrene
Concen: 22.26 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:252 Resp: 196603
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 15.6 11.0 16.4

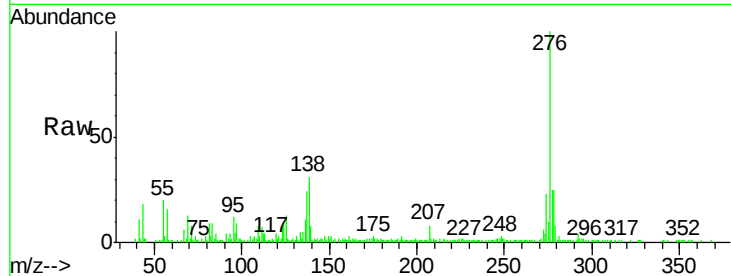




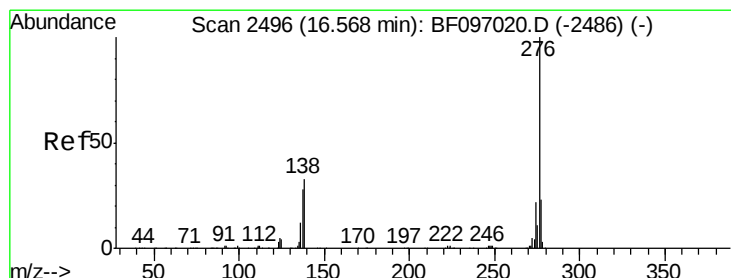
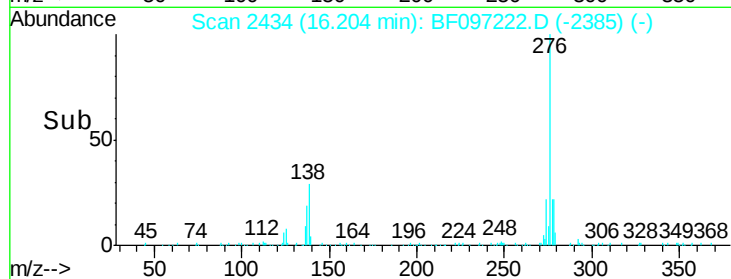
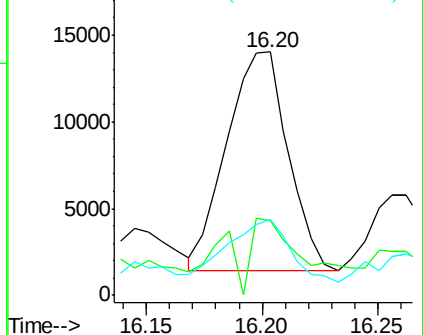
#90
Dibenzo(a,h)anthracene
Concen: 3.22 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tot Ion:278 Resp: 23335
Ion Ratio Lower Upper
278 100
139 30.7 16.6 24.8#
279 31.3 19.3 28.9#

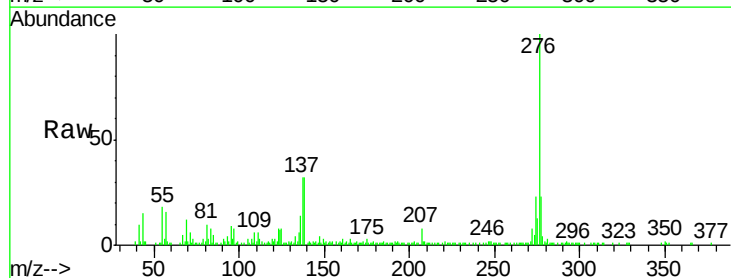


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 12.62 ng
RT: 16.56 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:276 Resp: 95852
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 32.1 25.4 38.0



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

