

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089990.D
 Acq On : 29 Jun 2015 19:08
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE062915

Quant Time: Jun 30 07:02:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	26423	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	115038	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	70141	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	173058	5.00	ng	0.00
25) Chrysene-d12	21.13	240	218956	5.00	ng	0.00
32) Perylene-d12	23.45	264	212785	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	5077	0.84	ng	0.00
5) Phenol-d6	6.80	99	7318	0.86	ng	0.00
7) Nitrobenzene-d5	8.76	82	7678	0.84	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1595	0.78	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	18616	0.88	ng	0.00
27) Terphenyl-d14	19.59	244	32261	0.88	ng	0.00

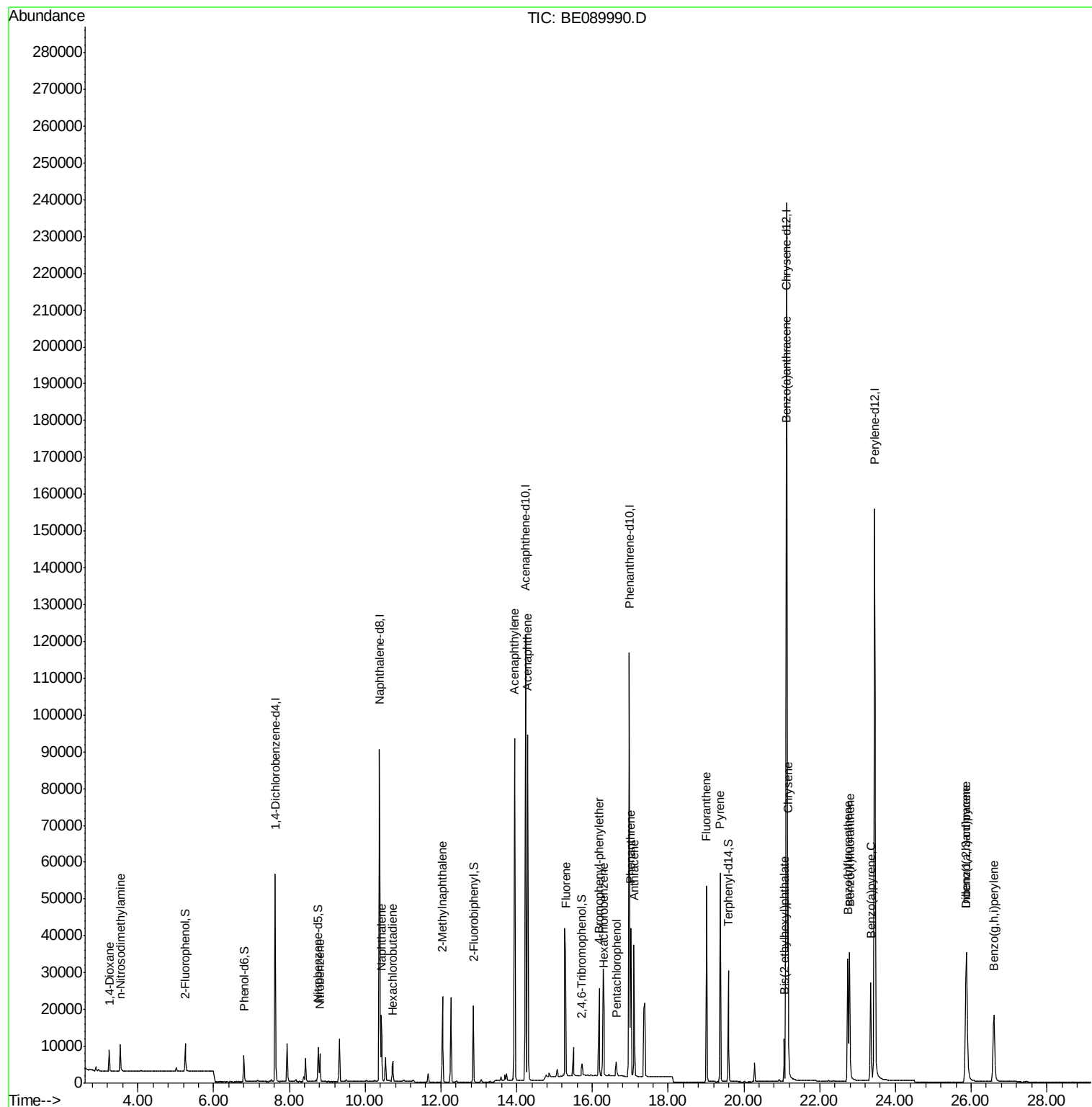
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	3051	0.84	ng	99
3) n-Nitrosodimethylamine	3.53	42	4123	0.84	ng	99
8) Nitrobenzene	8.80	77	8162	0.84	ng	99
9) Naphthalene	10.43	128	23683	0.91	ng	99
10) Hexachlorobutadiene	10.72	225	3787	0.93	ng	99
11) 2-Methylnaphthalene	12.04	142	15579	0.90	ng	100
15) Acenaphthylene	13.95	152	114139	0.90	ng	100
16) Acenaphthene	14.30	154	17169	0.94	ng	97
17) Fluorene	15.29	166	22865	0.92	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	6542	0.89	ng	98
20) Hexachlorobenzene	16.30	284	28416	0.93	ng	98
21) Pentachlorophenol	16.63	266	2008	0.75	ng	97
22) Phenanthrene	17.01	178	40858	0.92	ng	100
23) Anthracene	17.10	178	37448	0.92	ng	99
24) Fluoranthene	19.01	202	45676	0.92	ng	100
26) Pyrene	19.37	202	47736	0.91	ng	100
28) Benzo(a)anthracene	21.11	228	50139	0.92	ng	99
29) Chrysene	21.16	228	50803	0.89	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	10708	0.71	ng	99
31) Indeno(1,2,3-cd)pyrene	25.87	276	49677	0.91	ng	100
33) Benzo(b)fluoranthene	22.74	252	44517	0.95	ng	99
34) Benzo(k)fluoranthene	22.79	252	47844	0.91	ng	99
35) Benzo(a)pyrene	23.35	252	39358	0.91	ng	99
36) Dibenzo(a,h)anthracene	25.89	278	39902	0.90	ng	99
37) Benzo(g,h,i)perylene	26.60	276	40513	0.90	ng	100

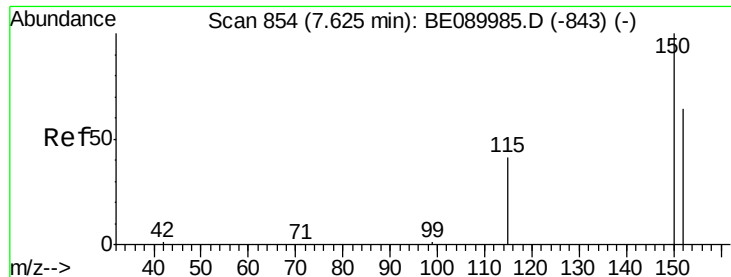
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089990.D
Acq On : 29 Jun 2015 19:08
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE062915

Quant Time: Jun 30 07:02:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 854

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

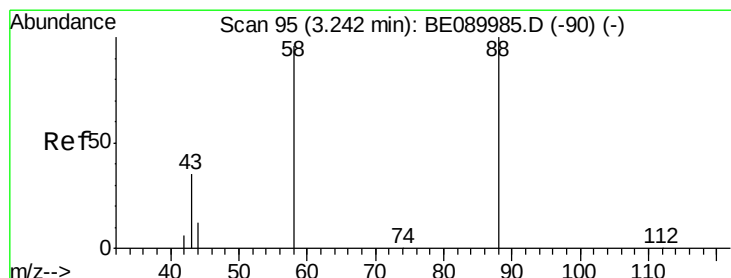
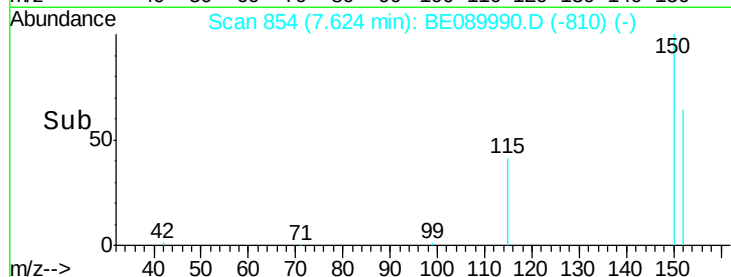
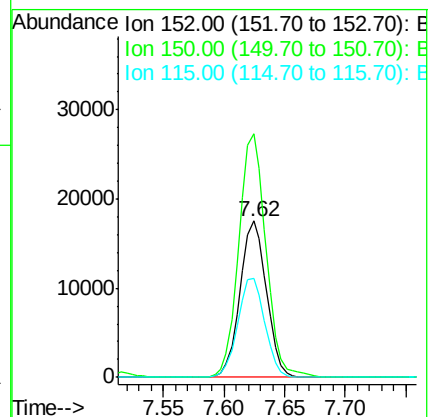
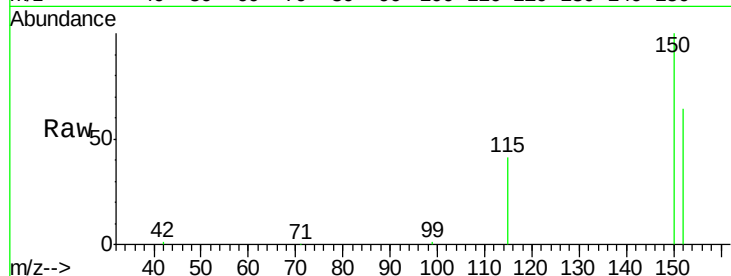
Tgt Ion:152 Resp: 26423

Ion Ratio Lower Upper

152 100

150 155.6 123.9 185.9

115 63.5 50.6 76.0



#2

1,4-Dioxane

Concen: 0.84 ng

RT: 3.24 min Scan# 95

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

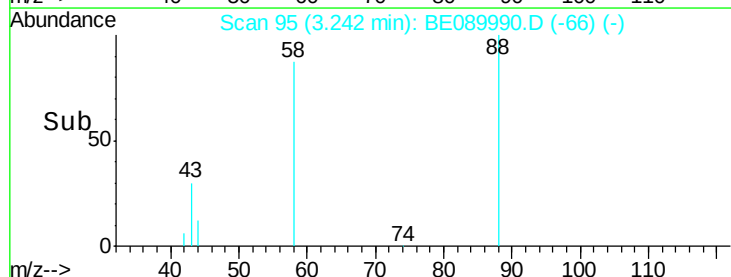
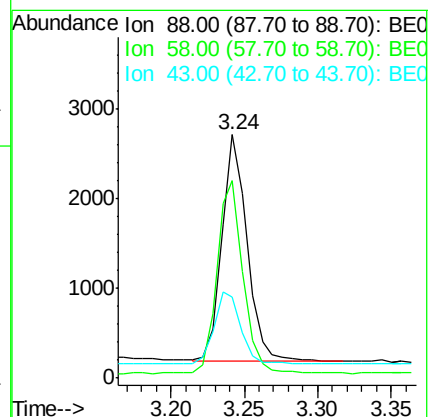
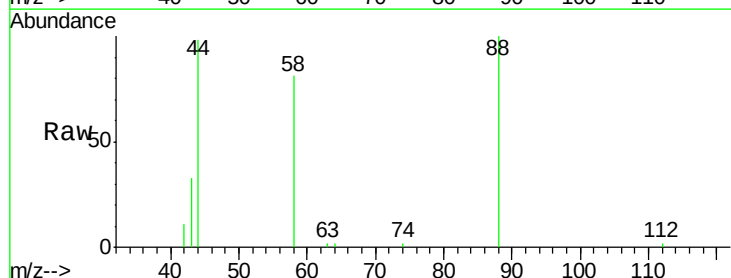
Tgt Ion: 88 Resp: 3051

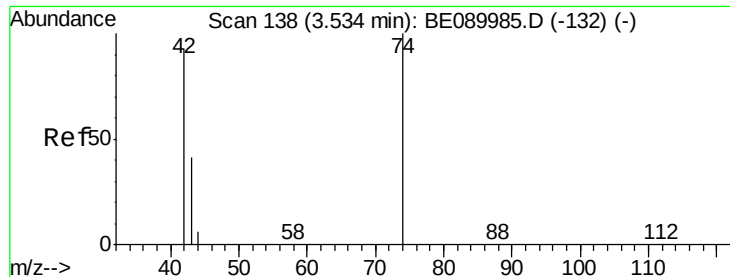
Ion Ratio Lower Upper

88 100

58 87.3 70.9 106.3

43 34.3 27.6 41.4





#3

n-Nitrosodimethylamine

Concen: 0.84 ng

RT: 3.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

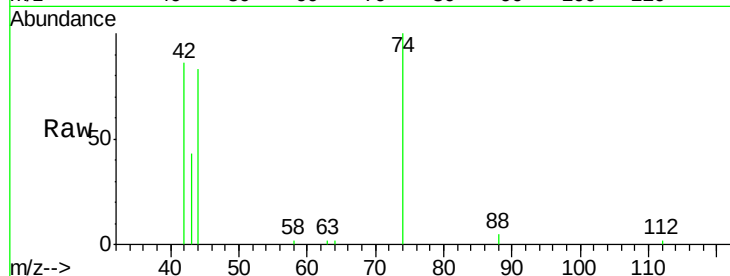
Tgt Ion: 42 Resp: 4123

Ion Ratio Lower Upper

42 100

74 110.6 89.4 134.2

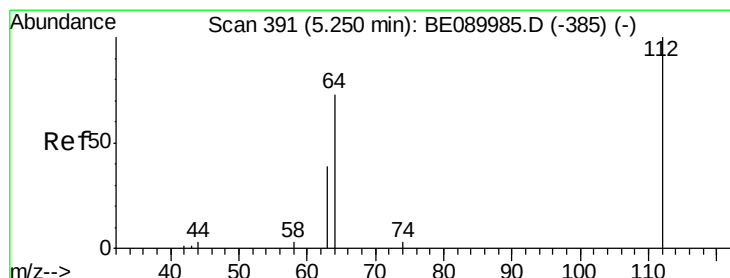
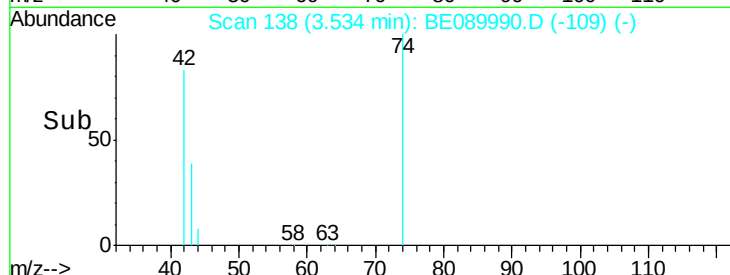
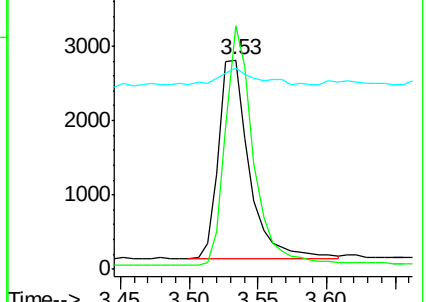
44 10.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.84 ng

RT: 5.25 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

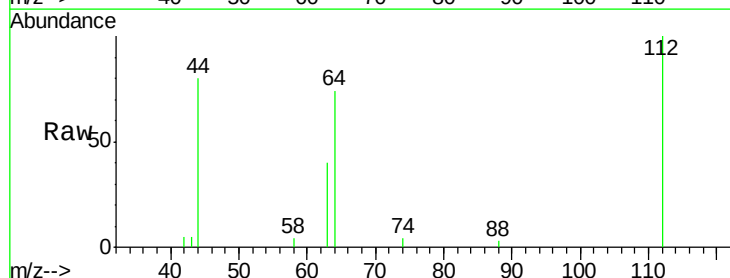
Tgt Ion: 112 Resp: 5077

Ion Ratio Lower Upper

112 100

64 73.0 56.3 84.5

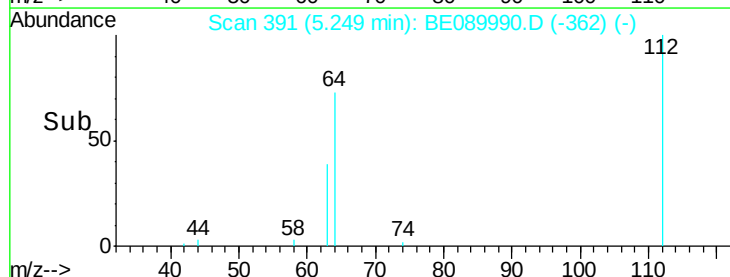
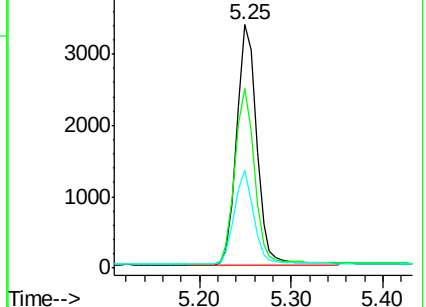
63 37.9 29.8 44.6

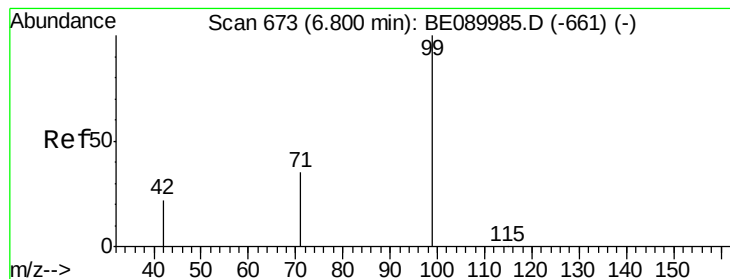


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.86 ng

RT: 6.80 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

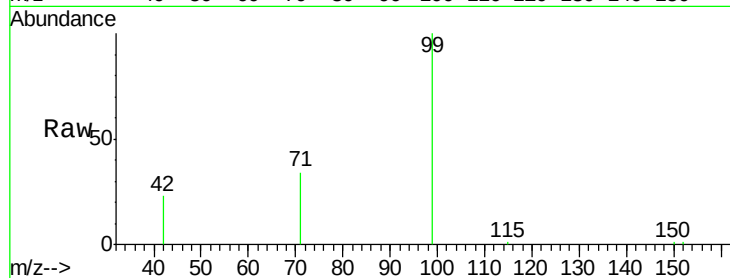
Tgt Ion: 99 Resp: 7318

Ion Ratio Lower Upper

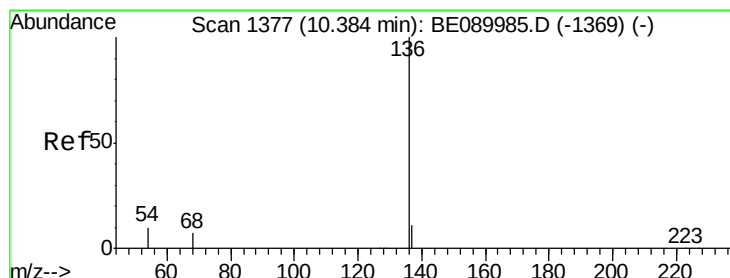
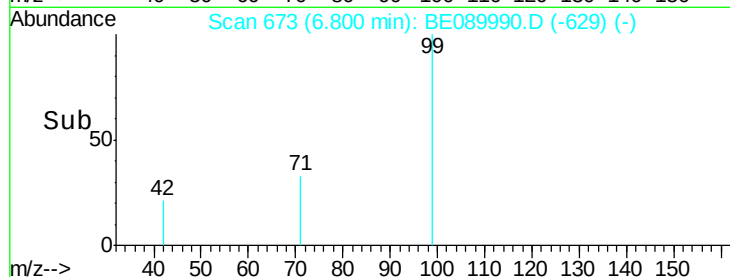
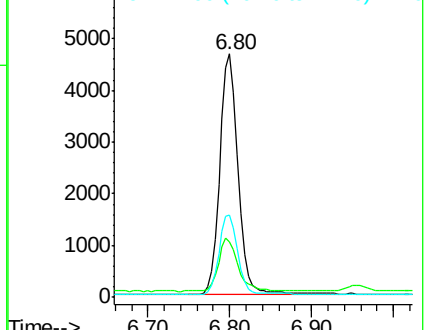
99 100

42 22.8 18.7 28.1

71 33.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Tgt Ion: 136 Resp: 115038

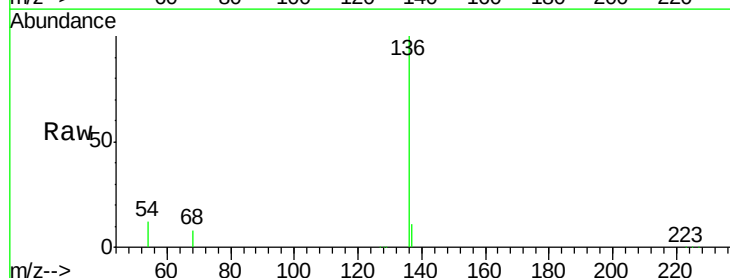
Ion Ratio Lower Upper

136 100

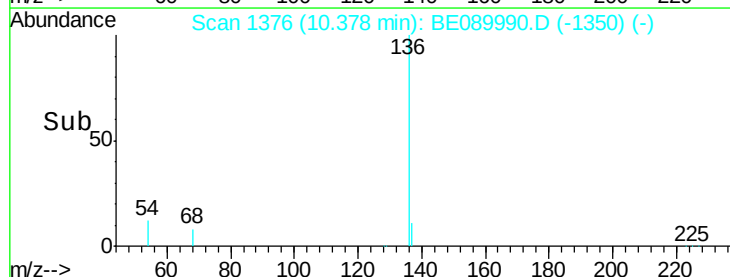
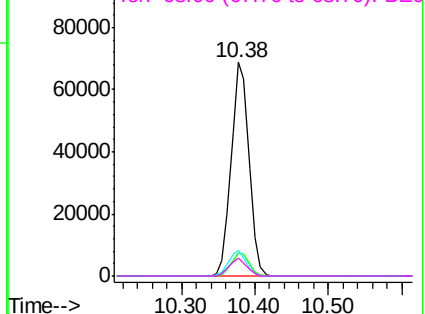
137 10.8 8.9 13.3

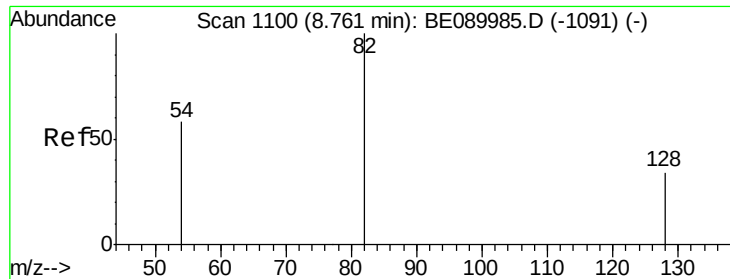
54 12.2 8.2 12.4

68 8.4 5.8 8.8



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.84 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

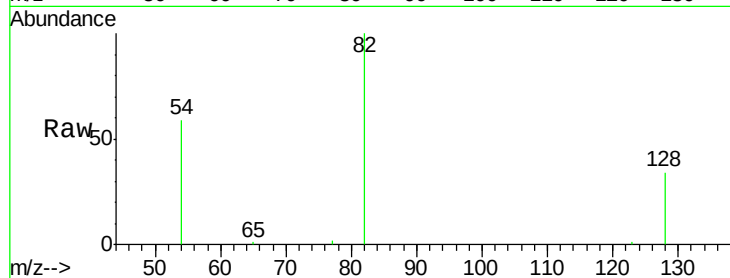
Tgt Ion: 82 Resp: 7678

Ion Ratio Lower Upper

82 100

128 33.8 28.0 42.0

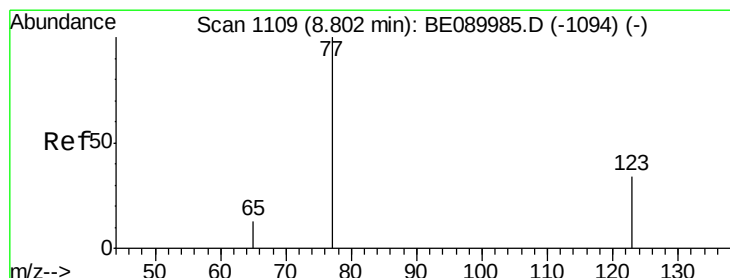
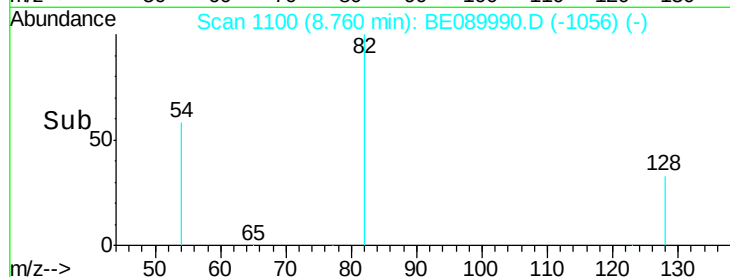
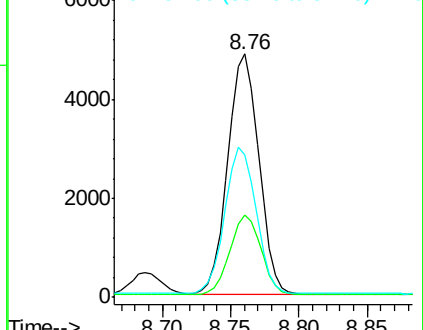
54 58.7 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.84 ng

RT: 8.80 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

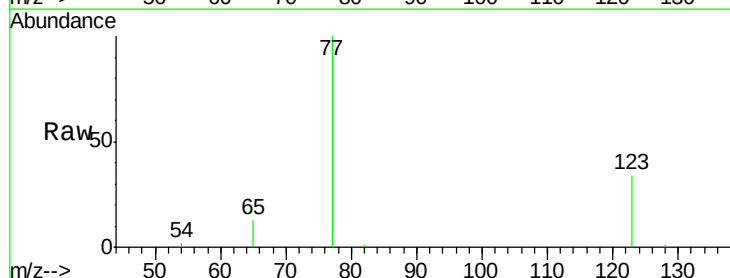
Tgt Ion: 77 Resp: 8162

Ion Ratio Lower Upper

77 100

123 33.8 27.4 41.0

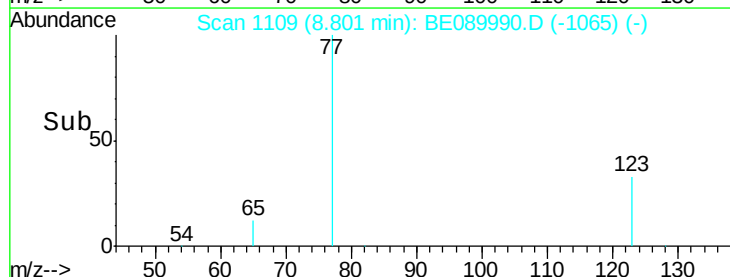
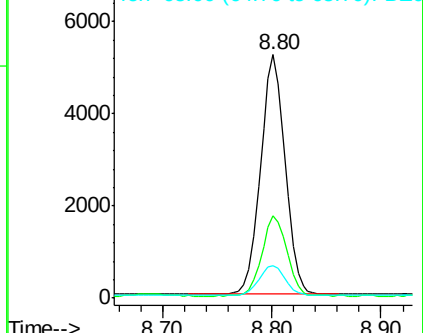
65 12.9 10.6 15.8

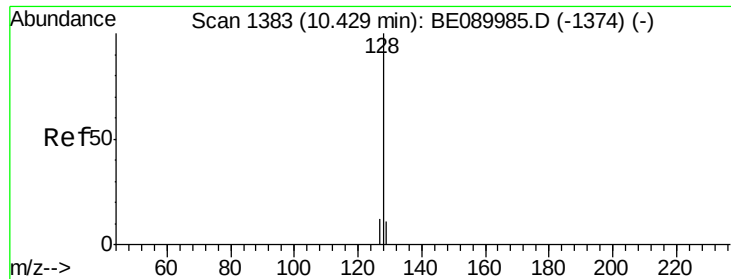


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.91 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

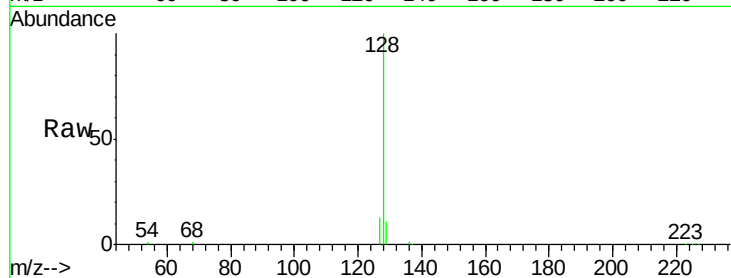
Tgt Ion:128 Resp: 23683

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

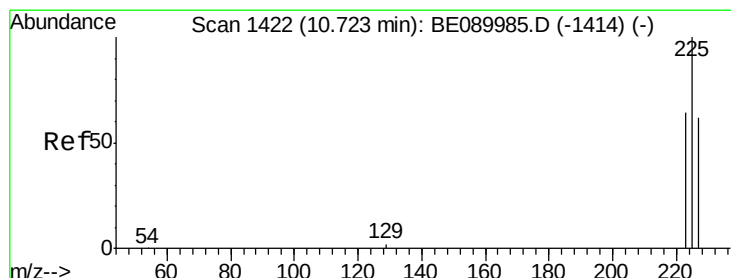
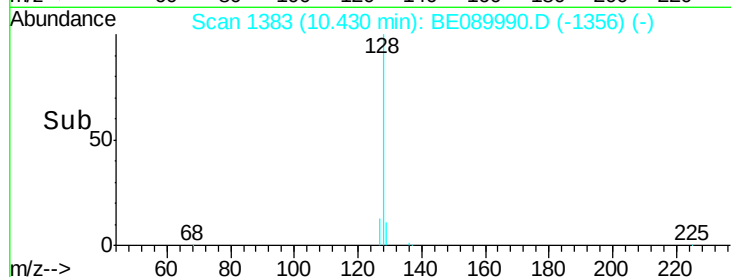
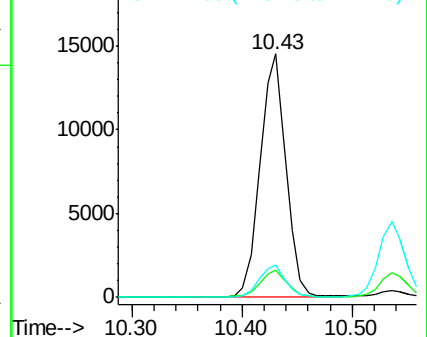
127 13.1 10.2 15.4



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



#10

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.72 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

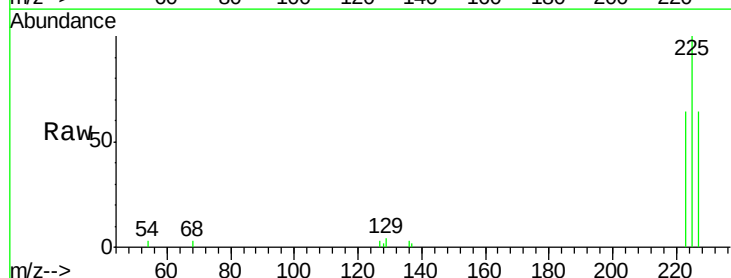
Tgt Ion:225 Resp: 3787

Ion Ratio Lower Upper

225 100

223 63.4 50.1 75.1

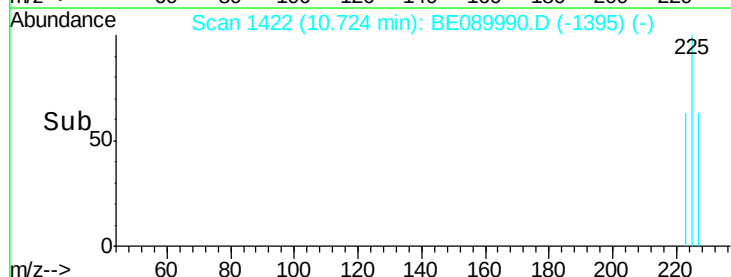
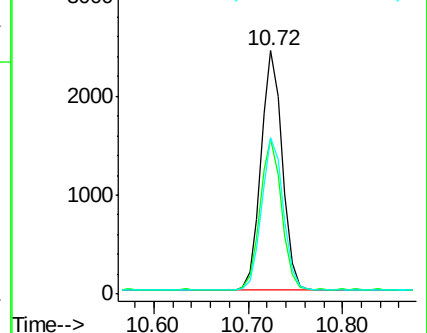
227 64.1 50.9 76.3

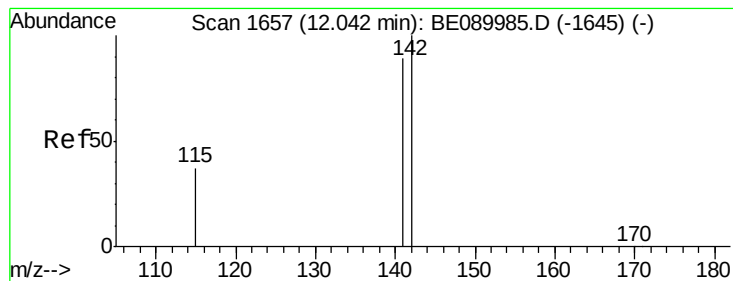


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.90 ng

RT: 12.04 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

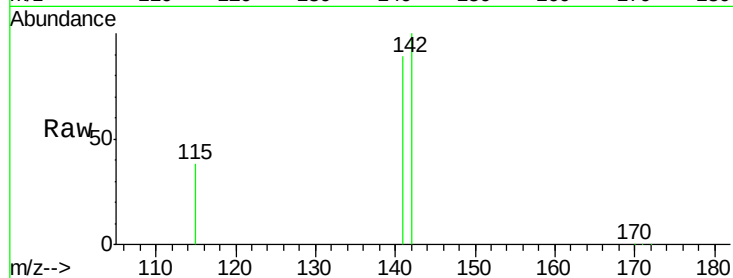
Tgt Ion:142 Resp: 15579

Ion Ratio Lower Upper

142 100

141 88.8 71.3 106.9

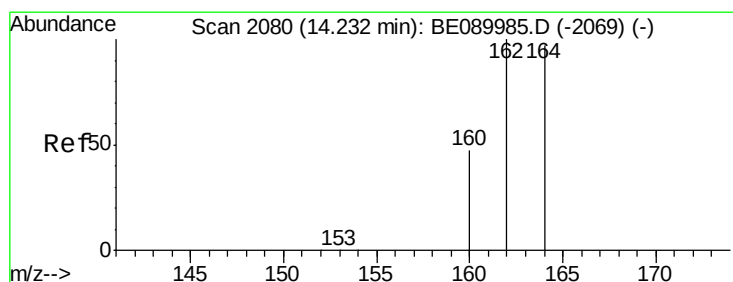
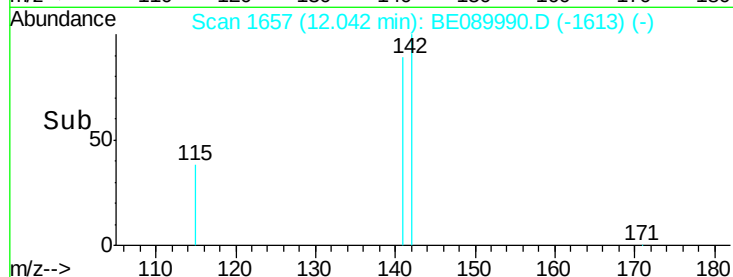
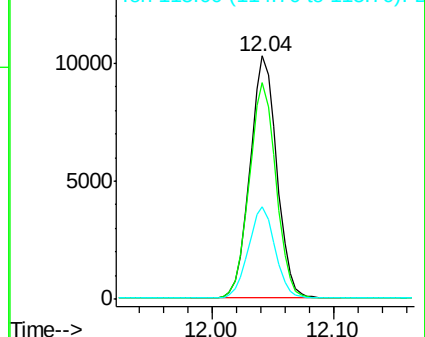
115 37.9 30.4 45.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

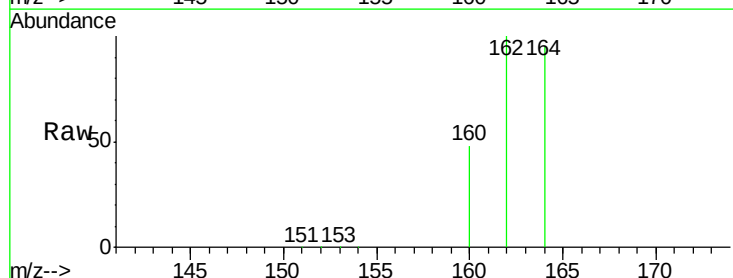
Tgt Ion:164 Resp: 70141

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.4

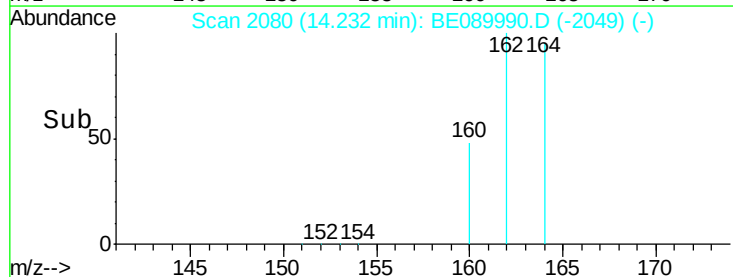
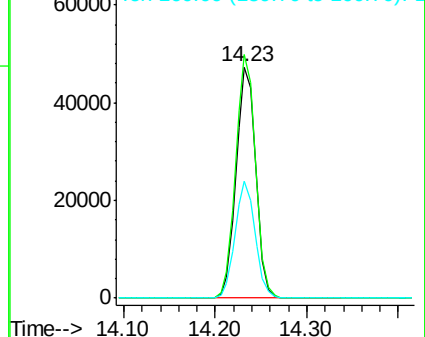
160 50.4 39.0 58.6

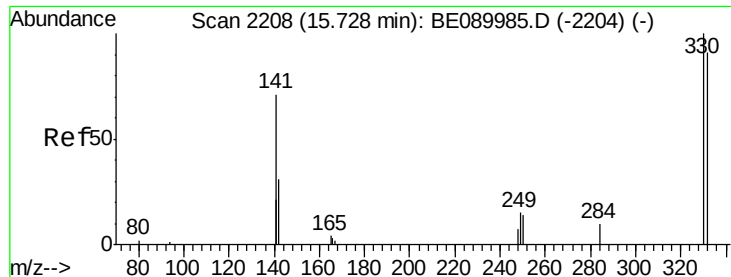


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

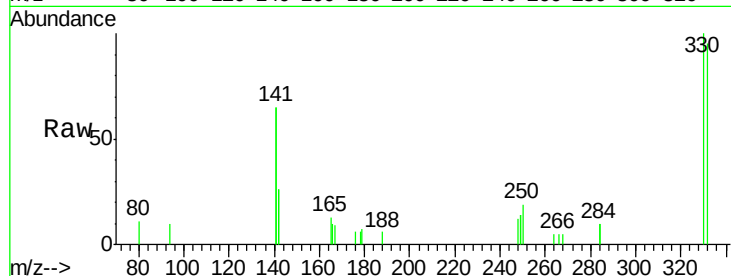




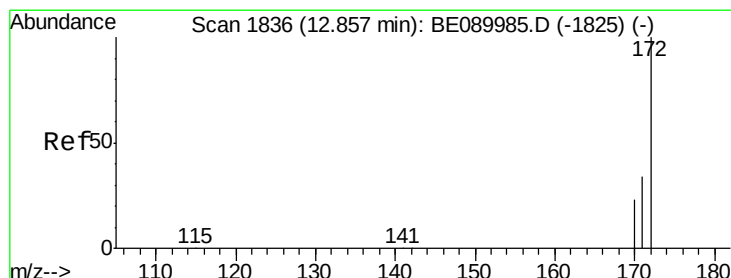
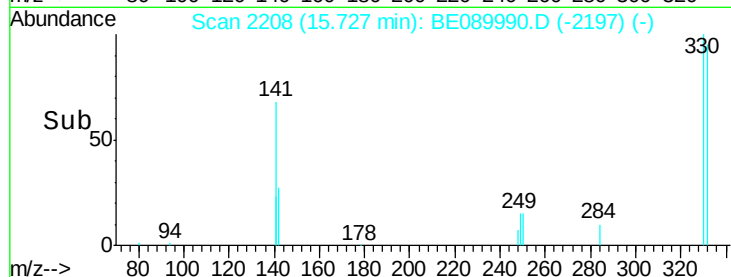
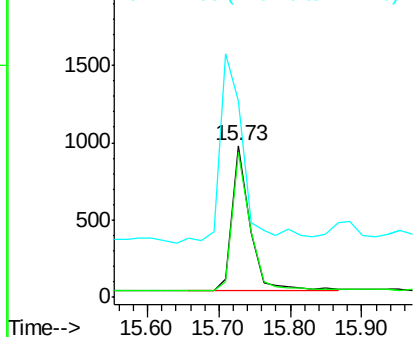
#13
 2,4,6-Tribromophenol
 Concen: 0.78 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE089990.D
 Acq: 29 Jun 2015 19:08

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE062915

Tgt Ion: 330 Resp: 1595
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.4 114.6
 141 164.8 130.3 195.5

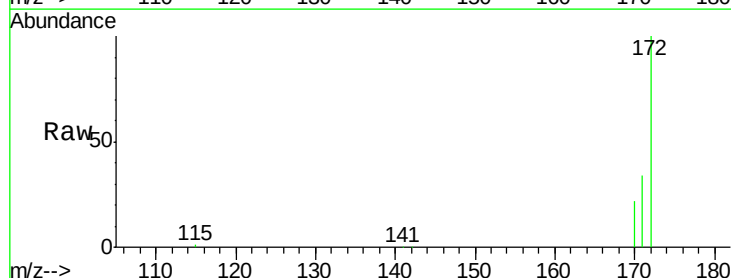


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

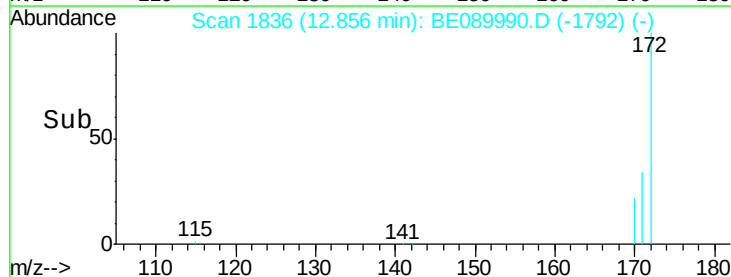
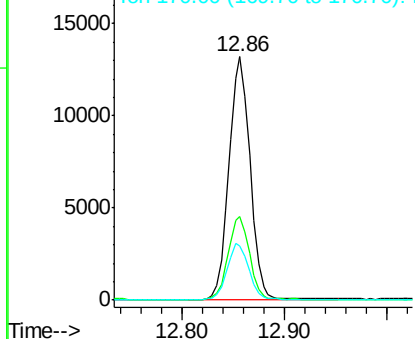


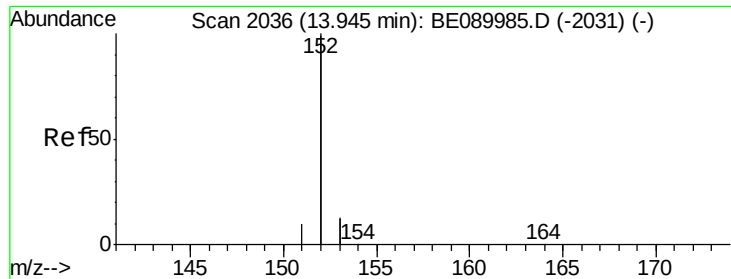
#14
 2-Fluorobiphenyl
 Concen: 0.88 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE089990.D
 Acq: 29 Jun 2015 19:08

Tgt Ion: 172 Resp: 18616
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.8 41.6
 170 22.3 18.3 27.5



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





#15

Acenaphthylene

Concen: 0.90 ng

RT: 13.95 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

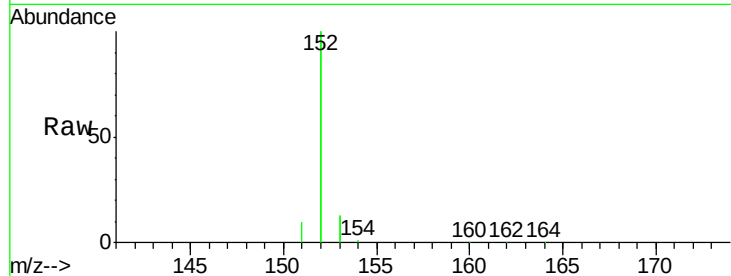
Tgt Ion:152 Resp: 114139

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

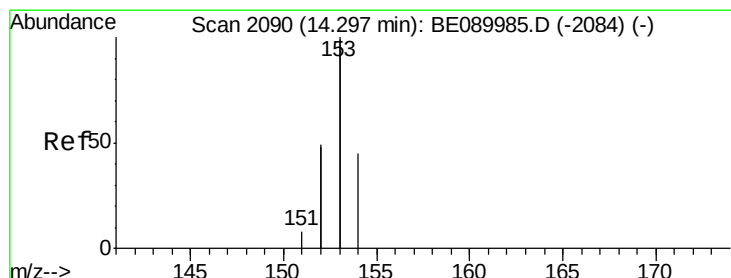
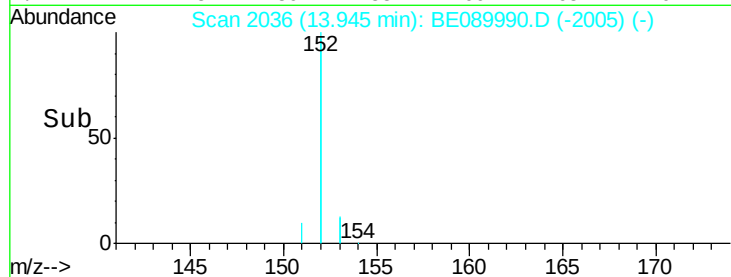
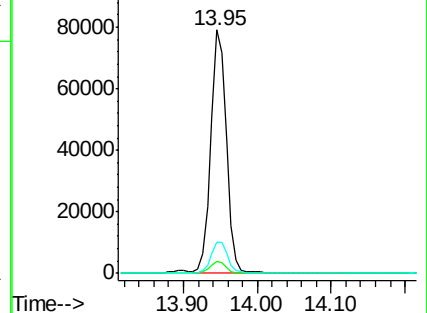
153 13.2 10.4 15.6



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



#16

Acenaphthene

Concen: 0.94 ng

RT: 14.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

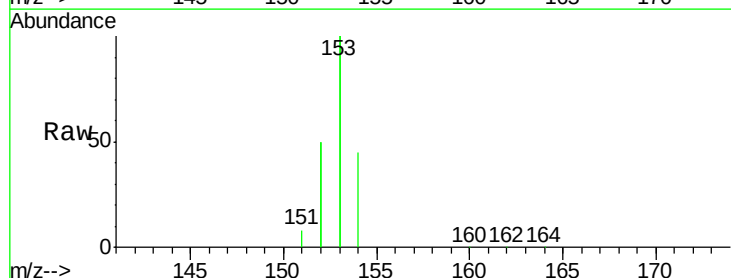
Tgt Ion:154 Resp: 17169

Ion Ratio Lower Upper

154 100

153 453.9 358.6 538.0

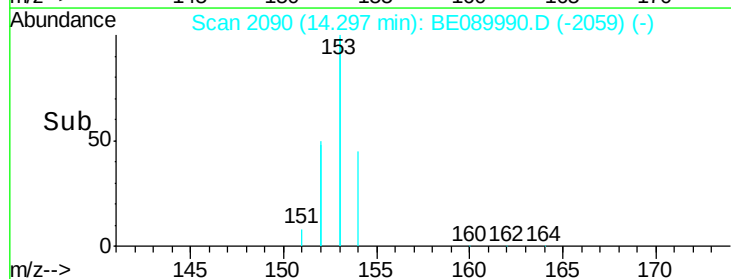
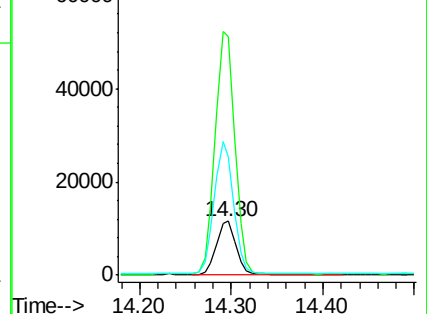
152 242.2 189.6 284.4

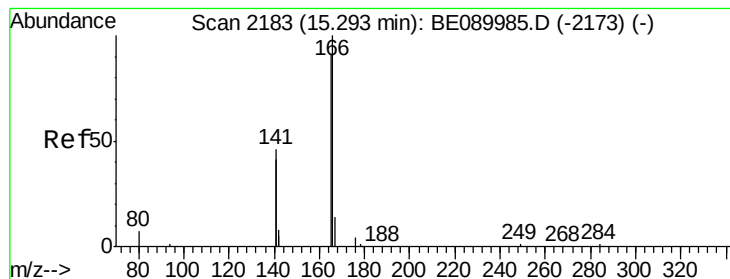


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.92 ng

RT: 15.29 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

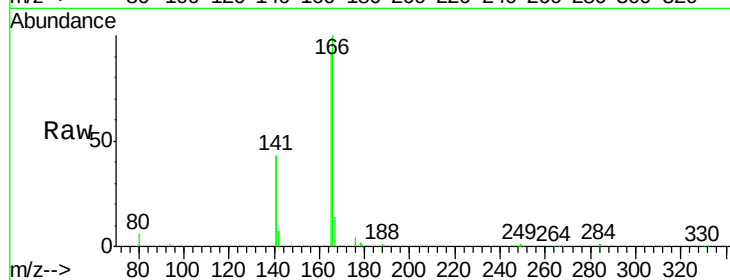
Tgt Ion:166 Resp: 22865

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

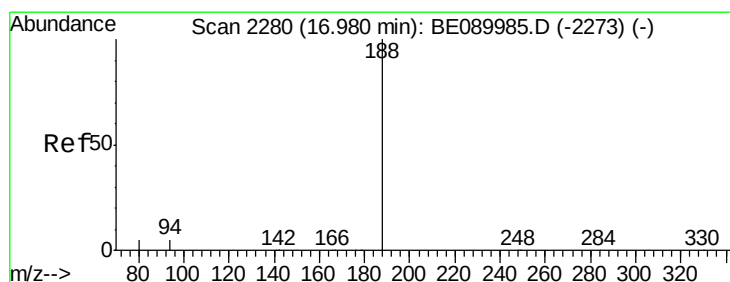
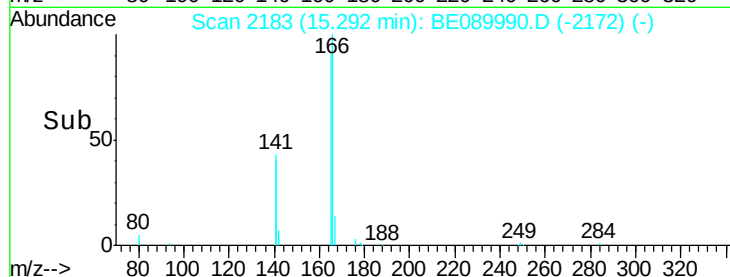
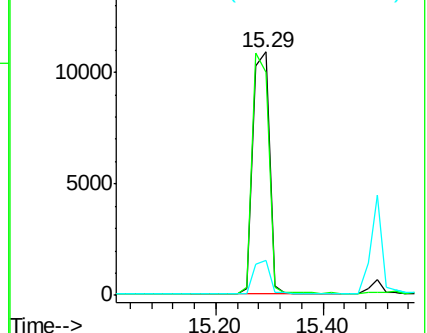
167 14.2 11.8 17.8



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

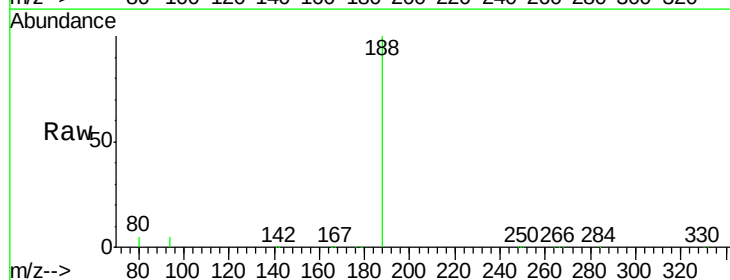
Tgt Ion:188 Resp: 173058

Ion Ratio Lower Upper

188 100

94 5.2 4.1 6.1

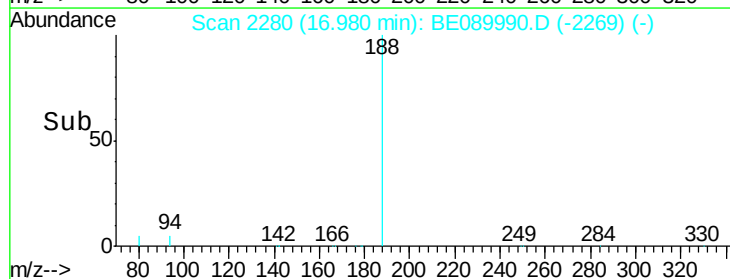
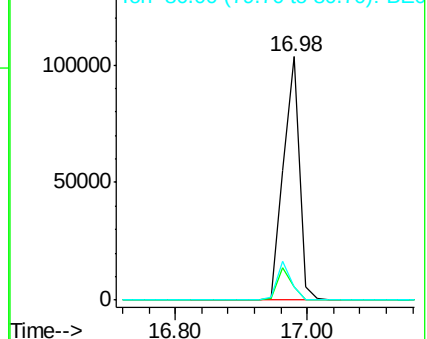
80 5.3 4.2 6.2

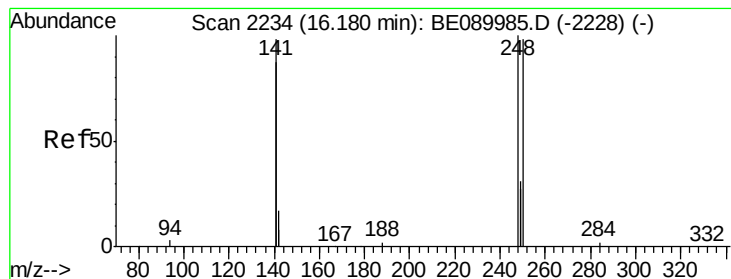


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.89 ng

RT: 16.18 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

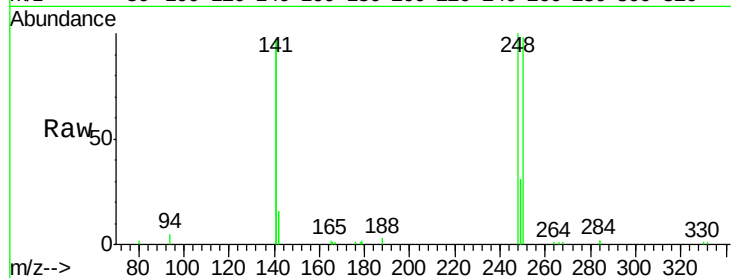
Tgt Ion:248 Resp: 6542

Ion Ratio Lower Upper

248 100

250 97.6 78.3 117.5

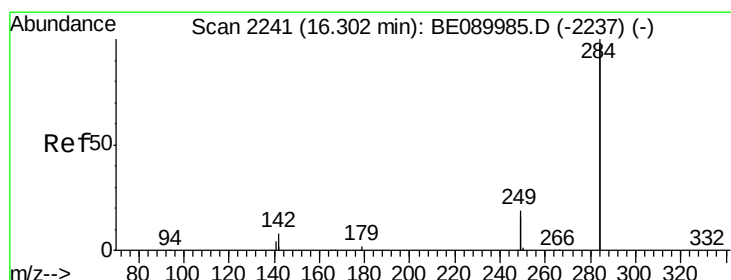
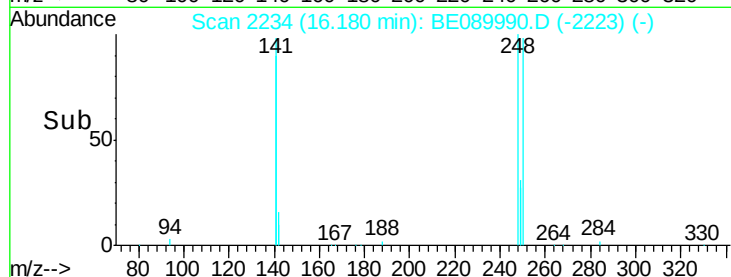
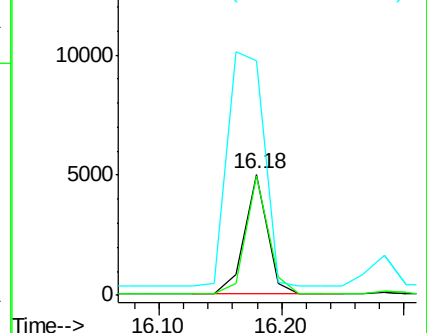
141 314.2 248.1 372.1



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



#20

Hexachlorobenzene

Concen: 0.93 ng

RT: 16.30 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

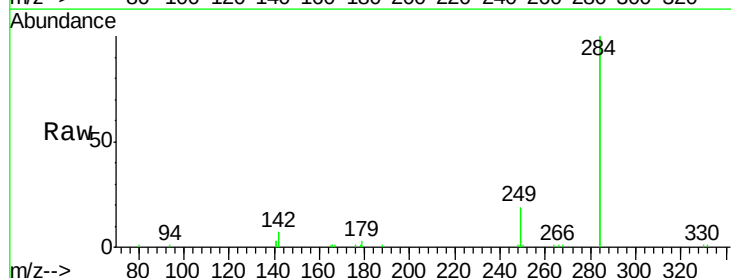
Tgt Ion:284 Resp: 28416

Ion Ratio Lower Upper

284 100

142 39.2 32.6 49.0

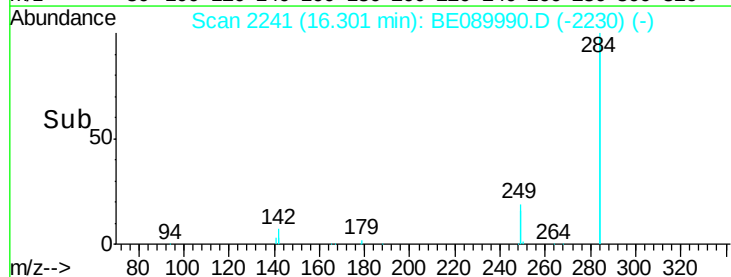
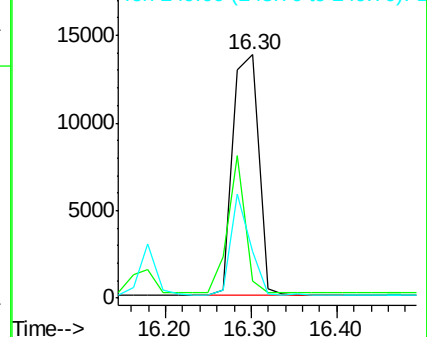
249 31.6 25.5 38.3

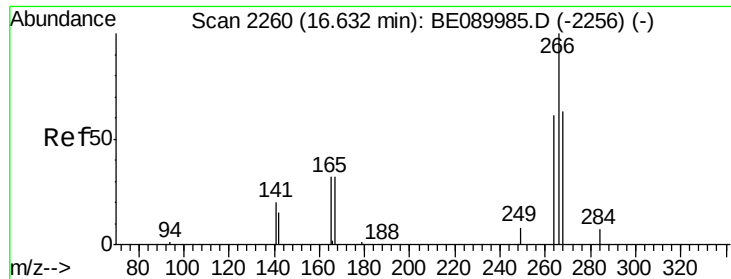


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.75 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

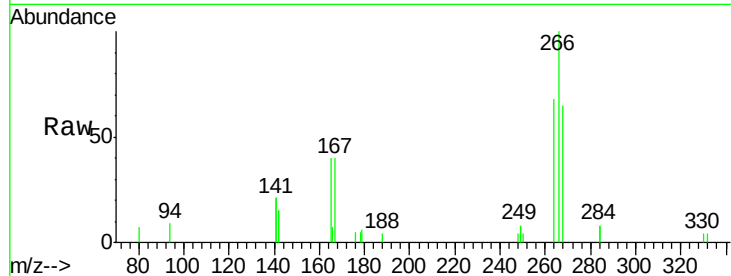
Tgt Ion:266 Resp: 2008

Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.8

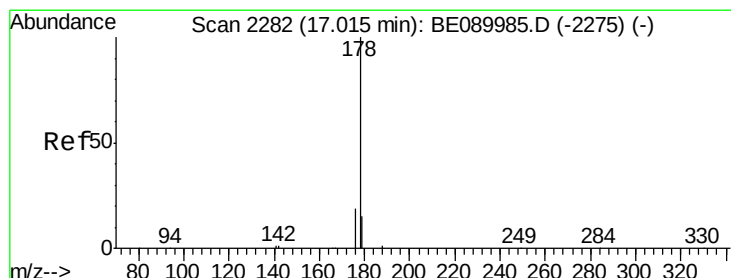
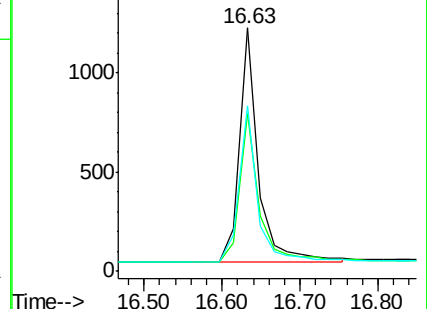
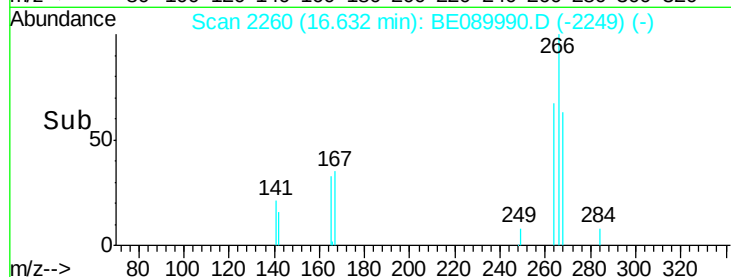
264 68.0 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.92 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

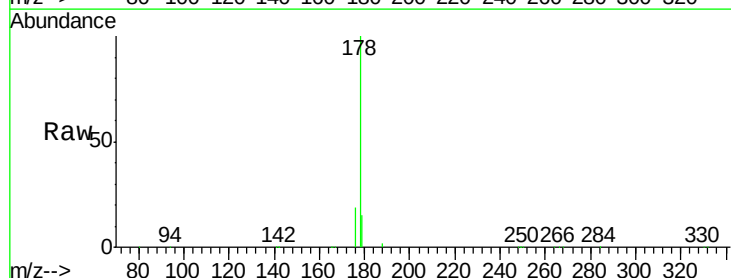
Tgt Ion:178 Resp: 40858

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

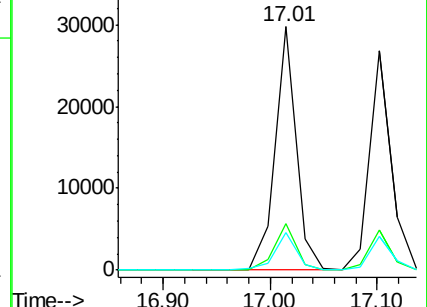
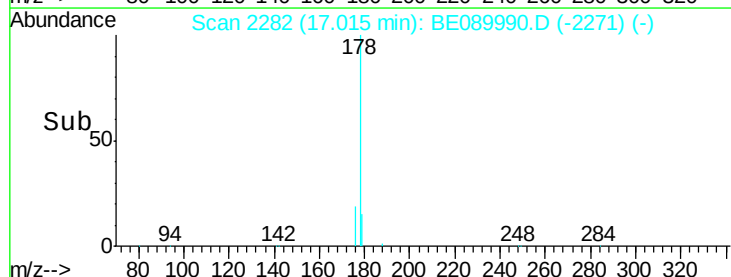
179 15.6 12.4 18.6

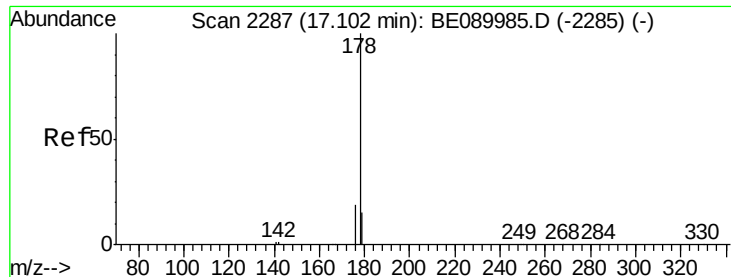


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.92 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

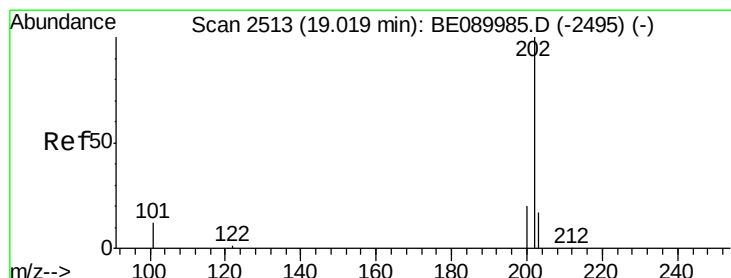
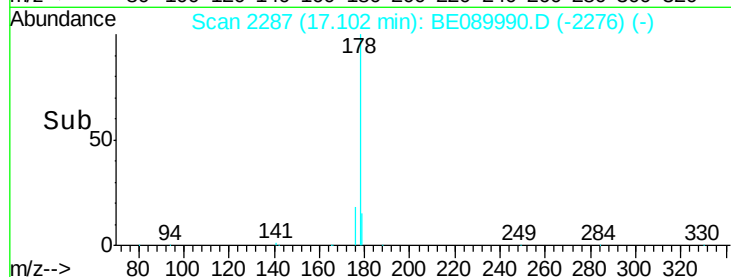
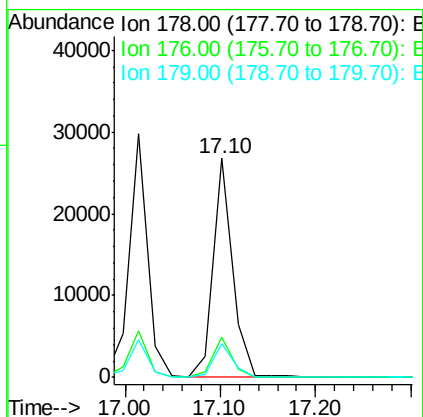
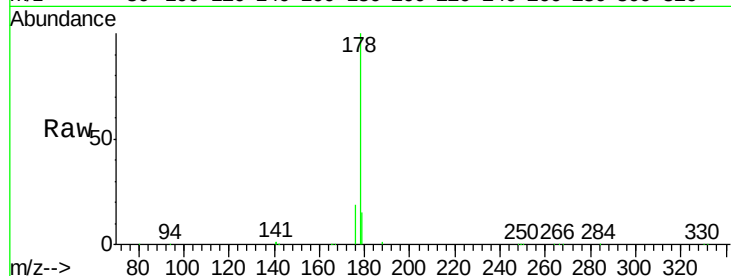
Tgt Ion:178 Resp: 37448

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.5 12.1 18.1



#24

Fluoranthene

Concen: 0.92 ng

RT: 19.01 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

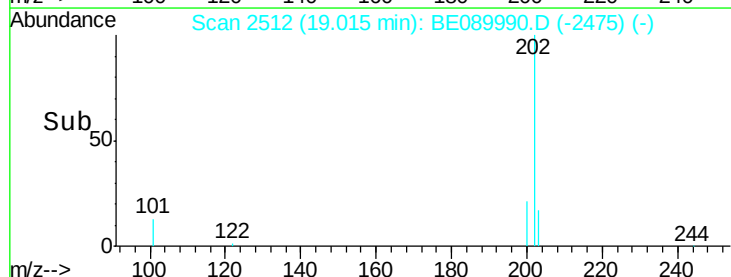
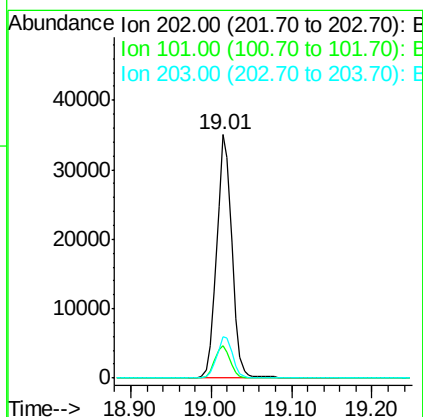
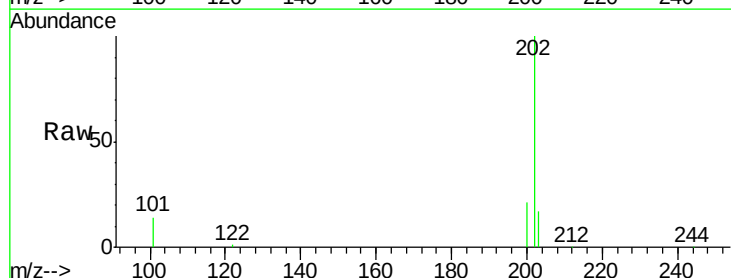
Tgt Ion:202 Resp: 45676

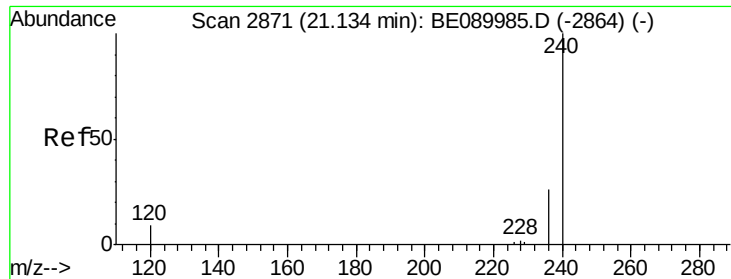
Ion Ratio Lower Upper

202 100

101 13.2 10.6 15.8

203 17.4 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

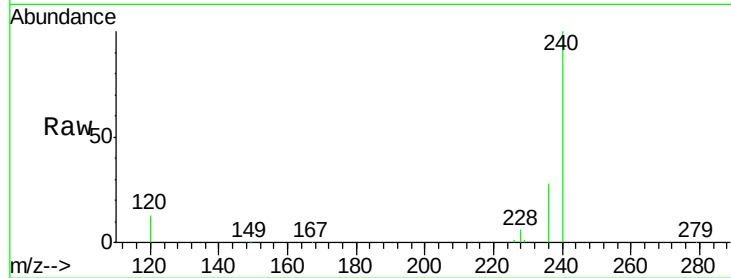
Tgt Ion:240 Resp: 218956

Ion Ratio Lower Upper

240 100

120 13.1 6.9 10.3#

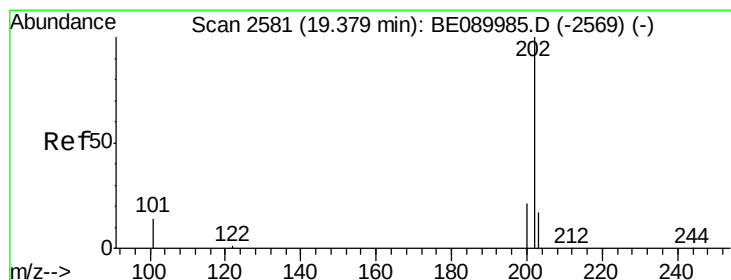
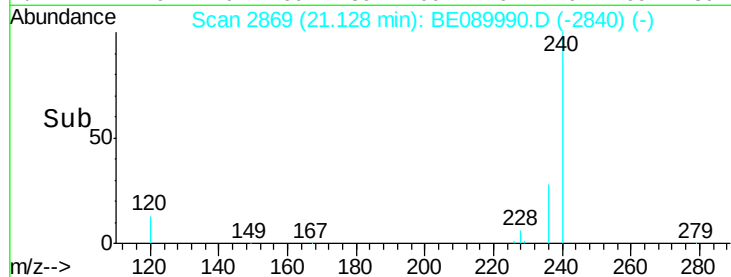
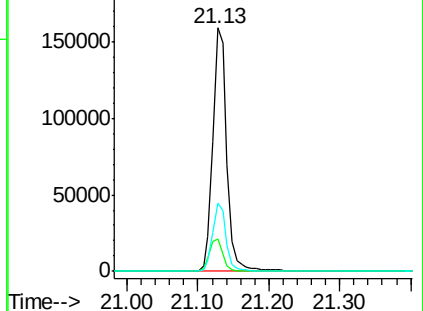
236 27.9 20.8 31.2



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



#26

Pyrene

Concen: 0.91 ng

RT: 19.37 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

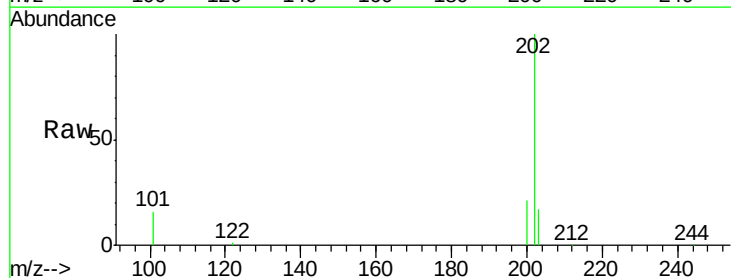
Tgt Ion:202 Resp: 47736

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

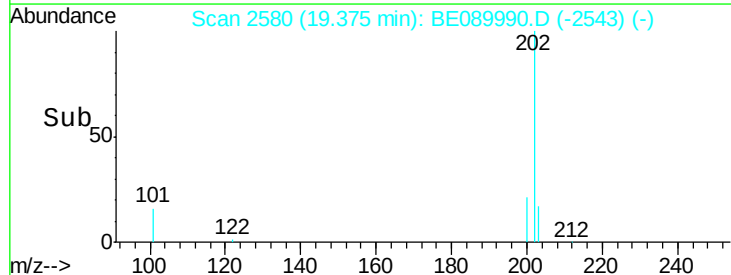
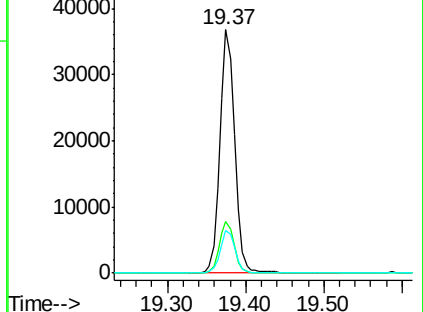
203 17.4 13.9 20.9

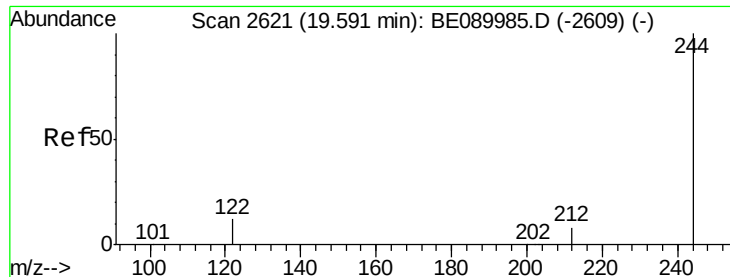


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

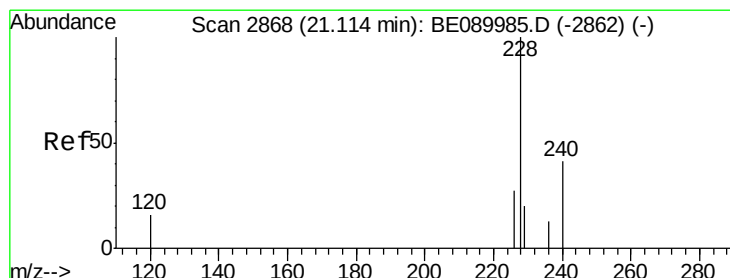
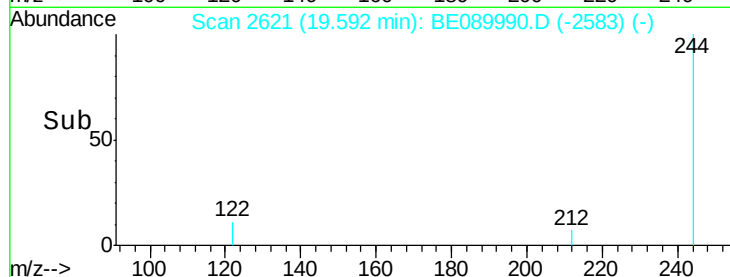
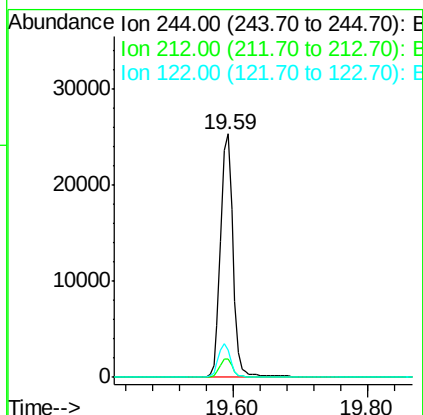
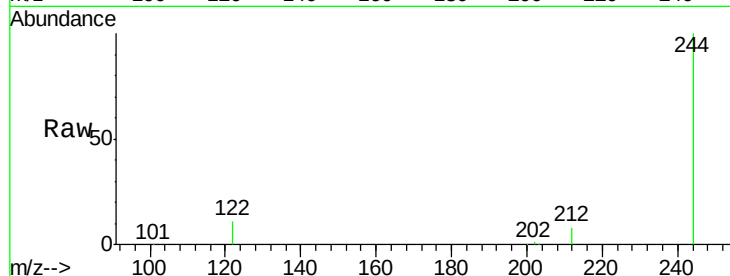




#27
 Terphenyl-d14
 Concen: 0.88 ng
 RT: 19.59 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BE089990.D
 Acq: 29 Jun 2015 19:08

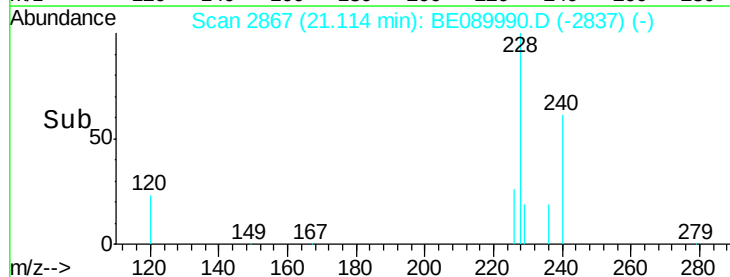
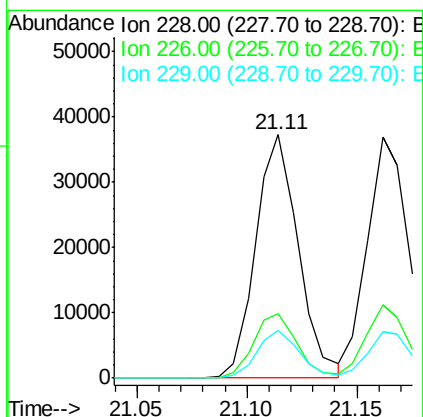
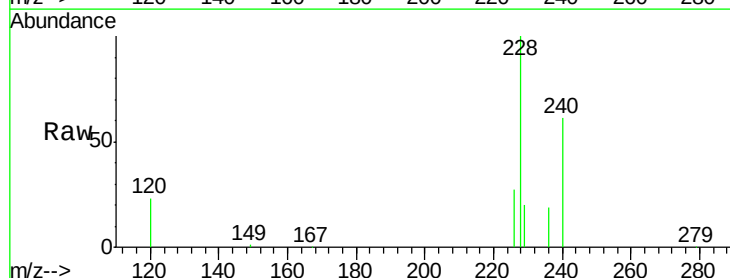
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE062915

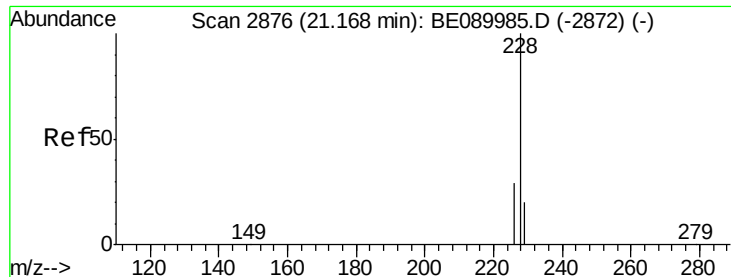
Tgt Ion:244 Resp: 32261
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 11.0 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.92 ng
 RT: 21.11 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BE089990.D
 Acq: 29 Jun 2015 19:08

Tgt Ion:228 Resp: 50139
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.8 32.6
 229 19.6 15.8 23.6





#29

Chrysene

Concen: 0.89 ng

RT: 21.16 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

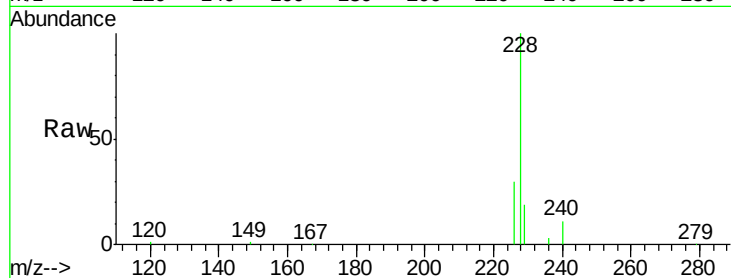
Tgt Ion:228 Resp: 50803

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

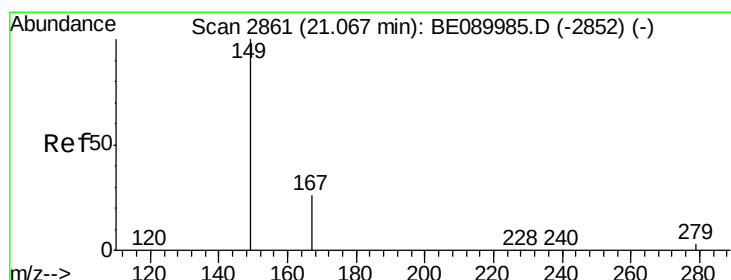
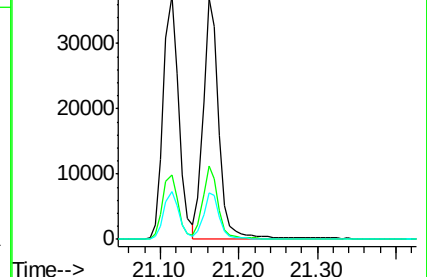
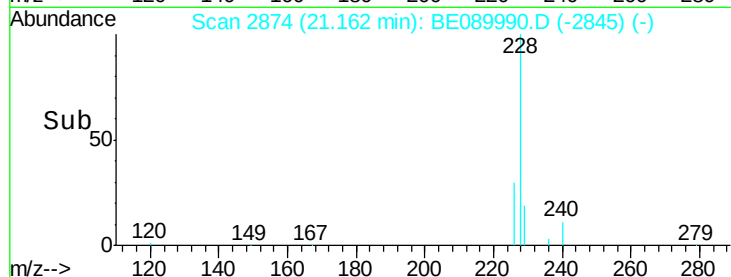
229 19.1 16.2 24.2



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.71 ng

RT: 21.07 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

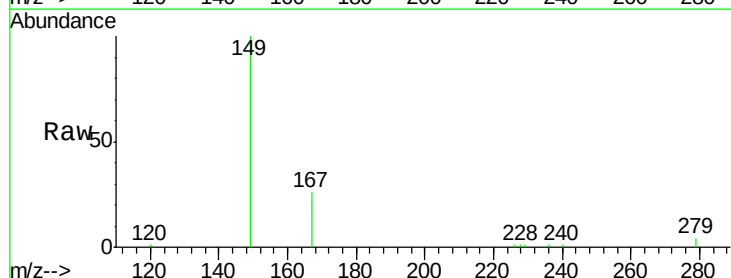
Tgt Ion:149 Resp: 10708

Ion Ratio Lower Upper

149 100

167 25.1 20.3 30.5

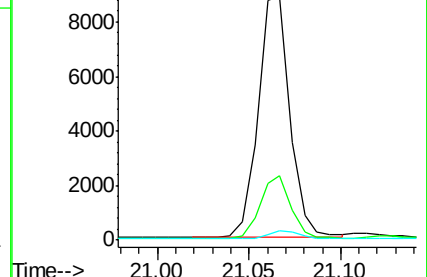
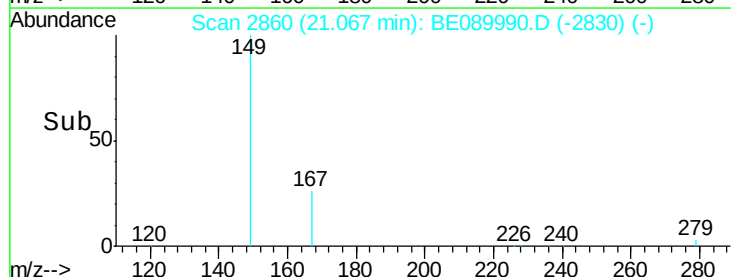
279 3.1 2.6 3.8

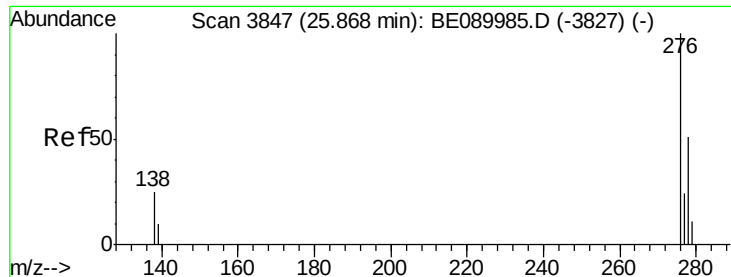


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.91 ng

RT: 25.87 min Scan# 3847

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

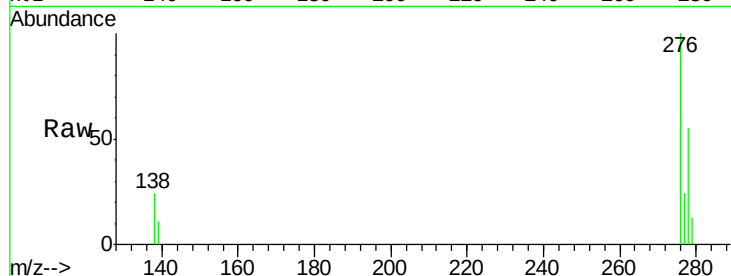
Tgt Ion:276 Resp: 49677

Ion Ratio Lower Upper

276 100

138 26.7 21.3 31.9

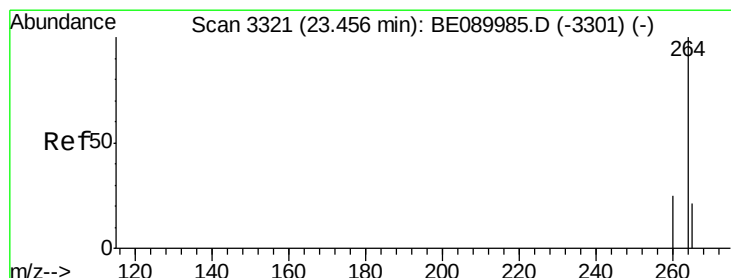
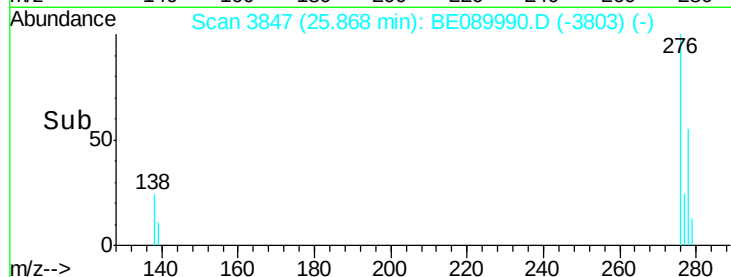
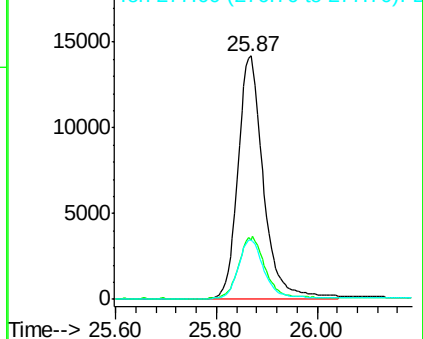
277 24.8 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 3320

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

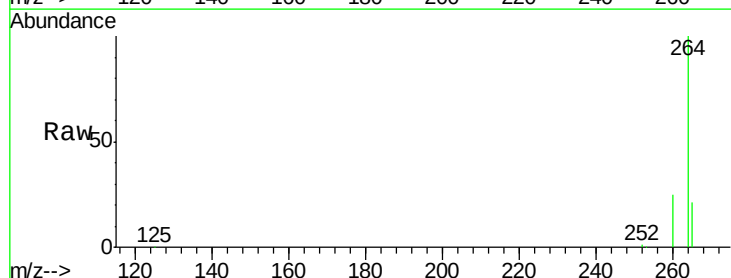
Tgt Ion:264 Resp: 212785

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

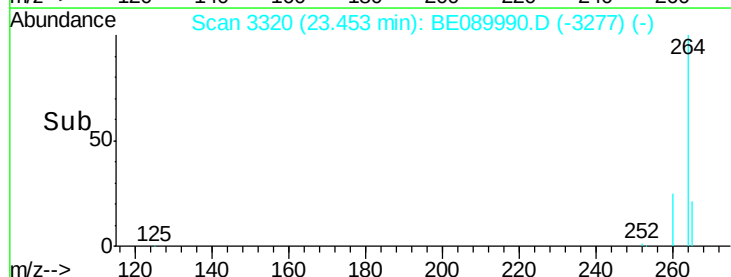
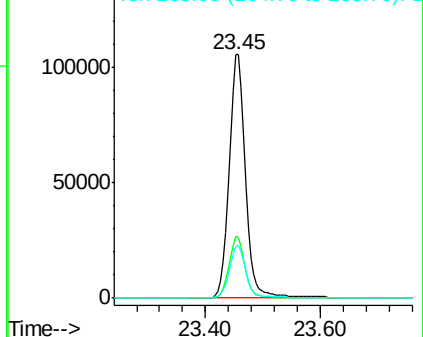
265 21.3 17.1 25.7

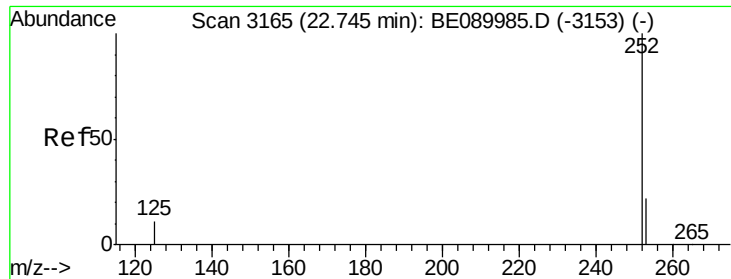


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.95 ng

RT: 22.74 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

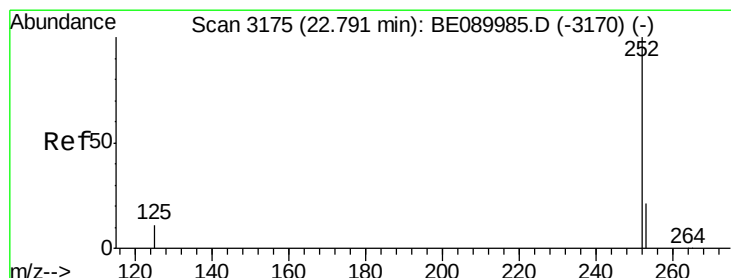
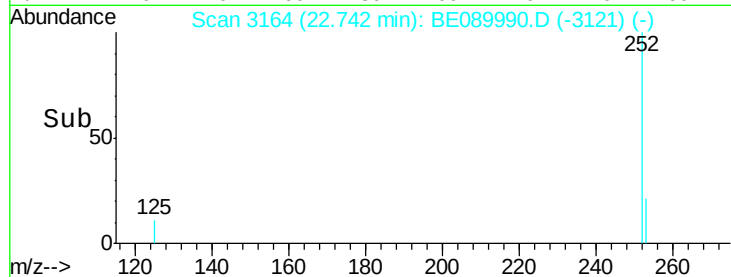
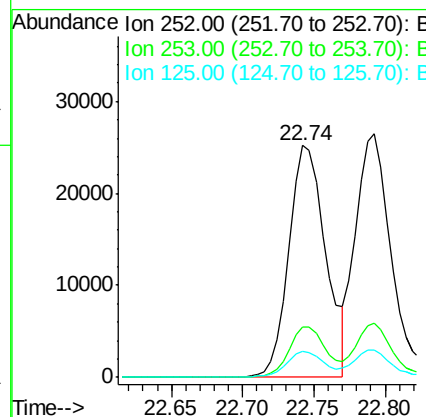
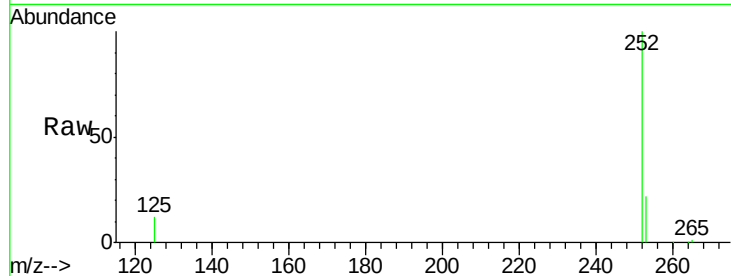
BNA_E

ClientSampleId :

ICVBE062915

Tgt Ion:252 Resp: 44517

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	11.5	9.0	13.4



#34

Benzo(k)fluoranthene

Concen: 0.91 ng

RT: 22.79 min Scan# 3175

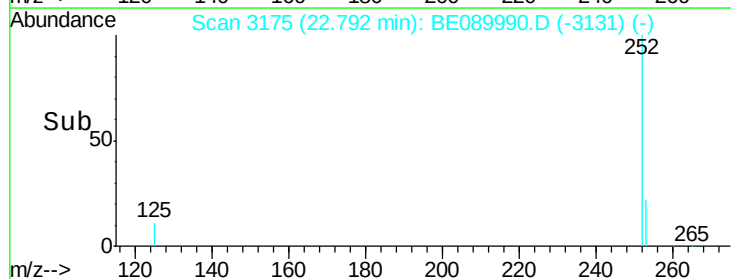
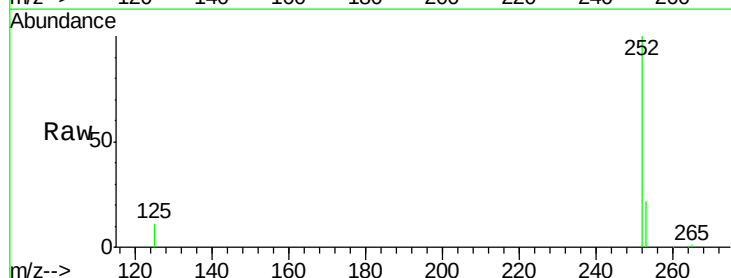
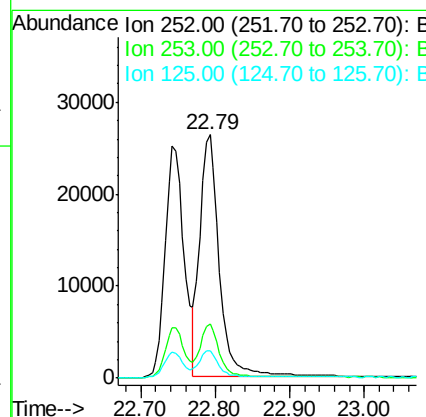
Delta R.T. 0.00 min

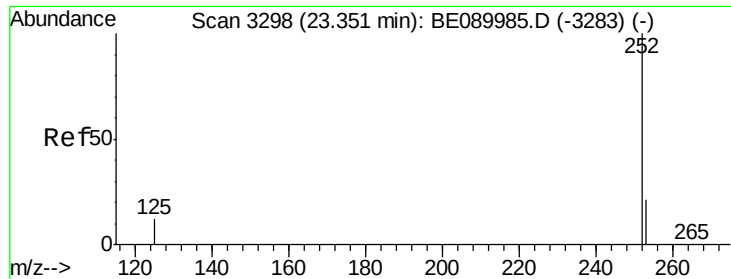
Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Tgt Ion:252 Resp: 47844

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.3	9.5	14.3





#35

Benzo(a)pyrene

Concen: 0.91 ng

RT: 23.35 min Scan# 3297

Delta R.T. -0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915

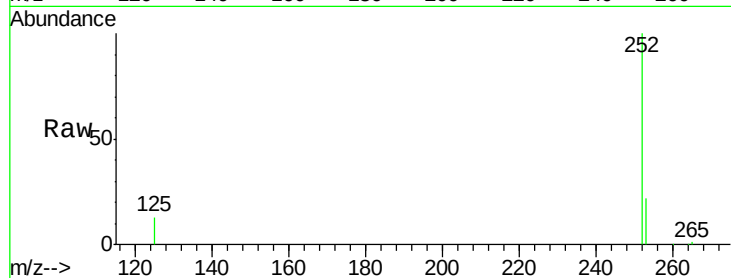
Tgt Ion:252 Resp: 39358

Ion Ratio Lower Upper

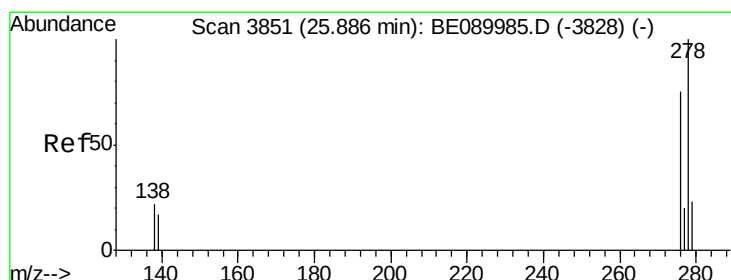
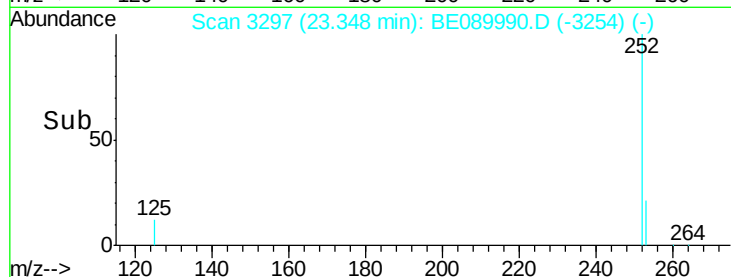
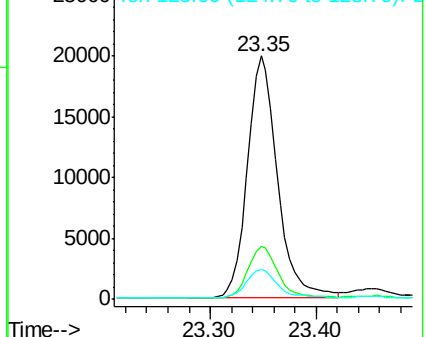
252 100

253 21.8 17.4 26.2

125 12.5 10.5 15.7



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



#36

Dibenzo(a,h)anthracene

Concen: 0.90 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BE089990.D

Acq: 29 Jun 2015 19:08

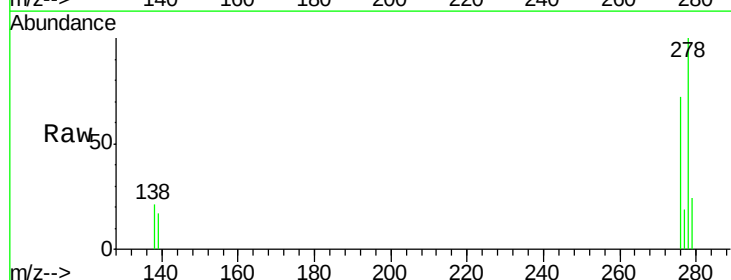
Tgt Ion:278 Resp: 39902

Ion Ratio Lower Upper

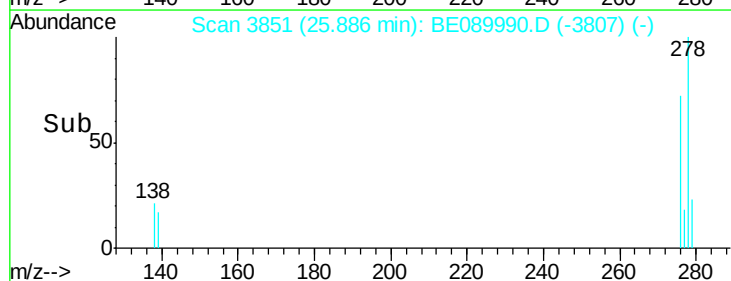
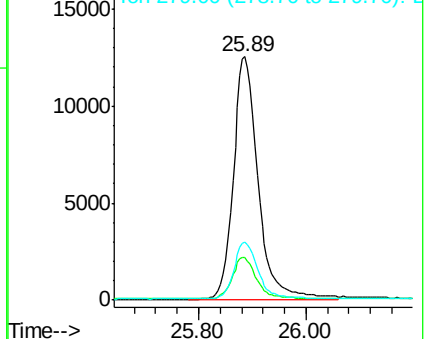
278 100

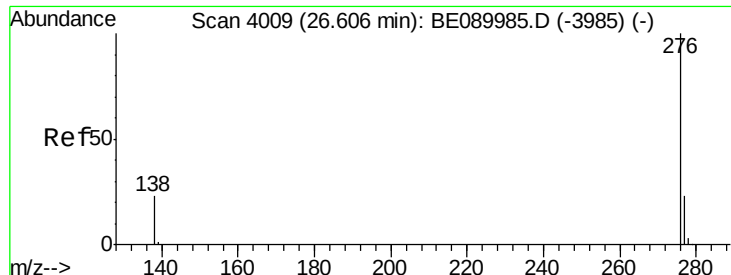
139 17.3 14.4 21.6

279 23.8 19.0 28.6



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





#37

Benzo(g,h,i)perylene

Concen: 0.90 ng

RT: 26.60 min Scan# 4008

Delta R.T. -0.00 min

Lab File: BE089990.D

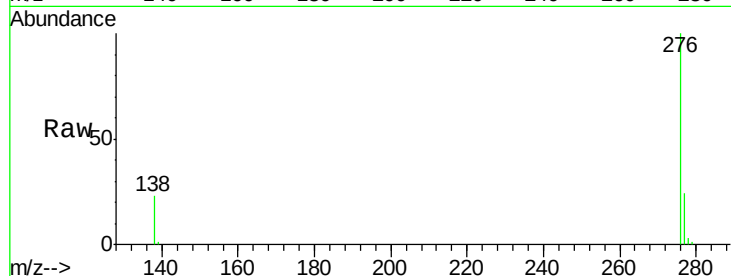
Acq: 29 Jun 2015 19:08

Instrument :

BNA_E

ClientSampleId :

ICVBE062915



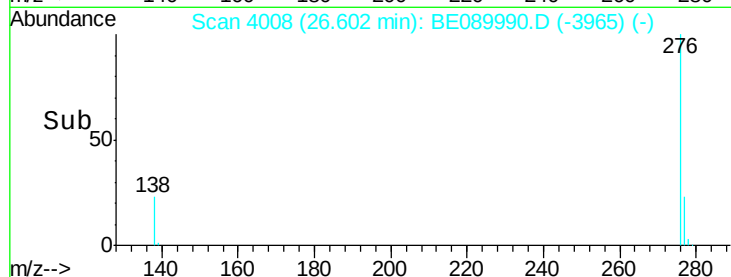
Tgt Ion: 276 Resp: 40513

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.4 18.6 27.8



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

