

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090557.D
 Acq On : 18 Aug 2015 16:58
 Operator : UM/IZ
 Sample : G3329-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081515-D534-F-D-B

Quant Time: Aug 19 02:32:23 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 02:30:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20686	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	104502	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	56523	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	119480	5.00	ng	0.00
25) Chrysene-d12	21.09	240	119437	5.00	ng	0.00
32) Perylene-d12	23.40	264	108026	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	18414	3.08	ng	0.00
5) Phenol-d6	6.78	99	16058	1.83	ng	0.00
7) Nitrobenzene-d5	8.72	82	31501	3.78	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20499	9.42	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	68040	4.03	ng	0.00
27) Terphenyl-d14	19.55	244	100334	4.59	ng	0.00

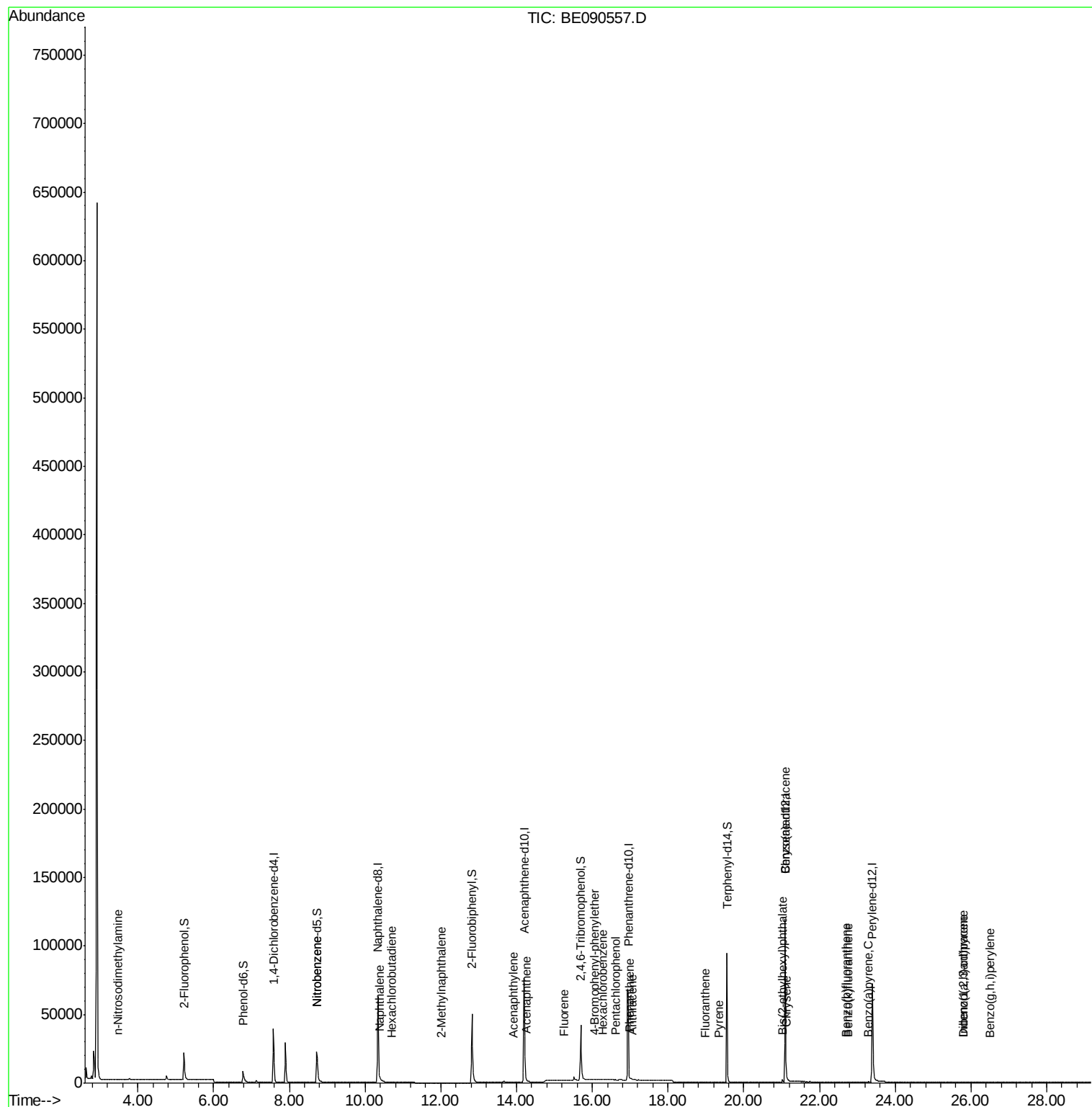
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.47	42	30	0.01	ng	# 1
8) Nitrobenzene	8.72	77	93	0.01	ng	# 55
9) Naphthalene	10.39	128	178	0.01	ng	# 1
10) Hexachlorobutadiene	10.70	225	3	0.00	ng	96
11) 2-Methylnaphthalene	12.01	142	74	0.00	ng	# 55
15) Acenaphthylene	13.91	152	132	0.00	ng	# 76
16) Acenaphthene	14.25	154	36	0.00	ng	# 78
17) Fluorene	15.26	166	111	0.01	ng	# 54
19) 4-Bromophenyl-phenylether	16.06	248	18	0.00	ng	# 1
20) Hexachlorobenzene	16.27	284	21	0.00	ng	# 40
21) Pentachlorophenol	16.61	266	29	0.31	ng	# 71
22) Phenanthrene	16.98	178	457	0.01	ng	# 70
23) Anthracene	17.07	178	112	0.00	ng	# 27
24) Fluoranthene	18.99	202	206	0.01	ng	# 87
26) Pyrene	19.35	202	221	0.01	ng	# 86
28) Benzo(a)anthracene	21.09	228	559	0.02	ng	# 77
29) Chrysene	21.13	228	256	0.01	ng	# 50
30) Bis(2-ethylhexyl)phthalate	21.02	149	1732	0.23	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.80	276	789	0.03	ng	# 83
33) Benzo(b)fluoranthene	22.70	252	326	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.74	252	343	0.01	ng	# 1
35) Benzo(a)pyrene	23.29	252	431	0.02	ng	# 1
36) Dibenzo(a,h)anthracene	25.80	278	715	0.03	ng	# 33
37) Benzo(g,h,i)perylene	26.52	276	606	0.02	ng	# 46

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

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

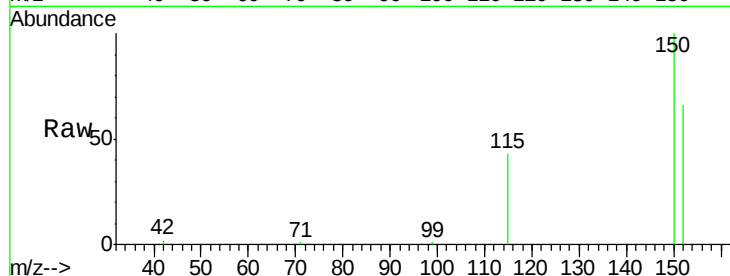
Tgt Ion:152 Resp: 20686

Ion Ratio Lower Upper

152 100

150 152.5 123.0 184.4

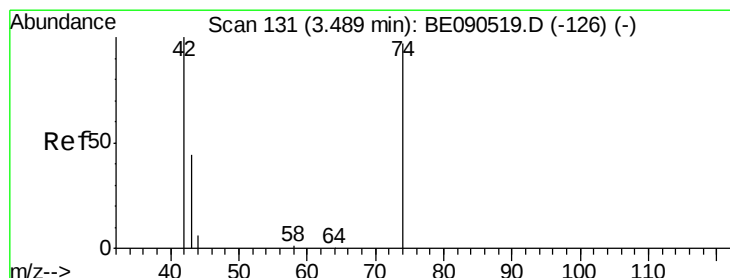
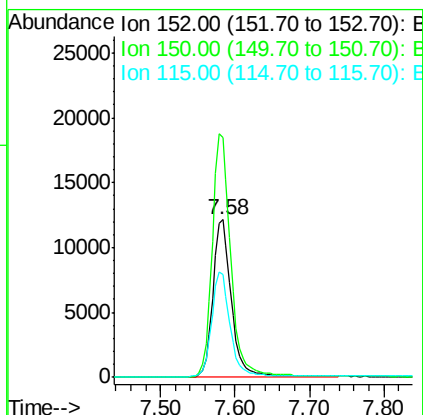
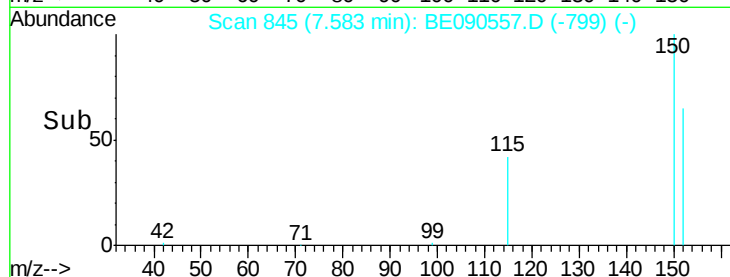
115 65.2 48.9 73.3



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



#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.47 min Scan# 128

Delta R.T. -0.02 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

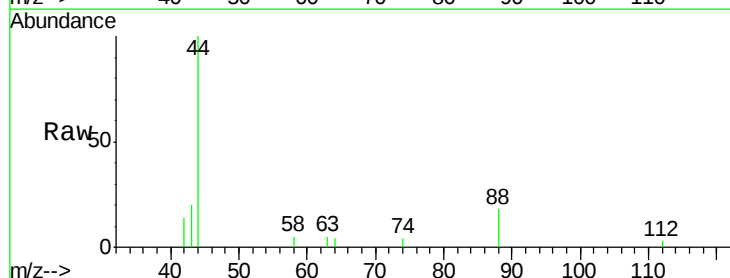
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

74 0.0 75.2 112.8#

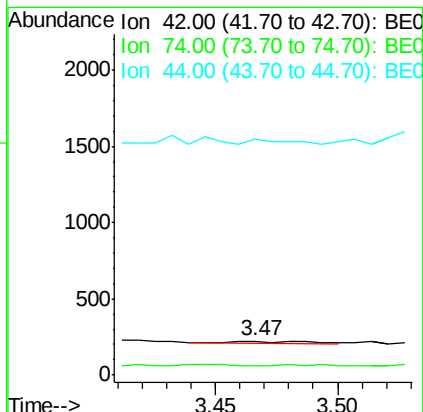
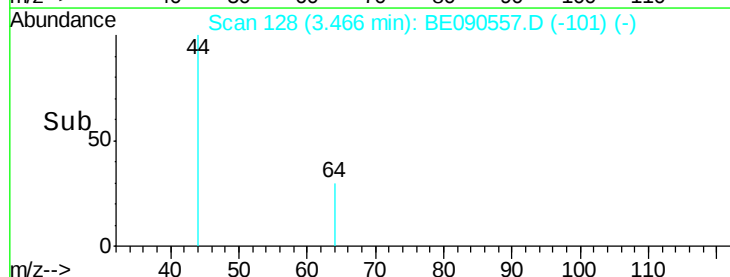
44 120.0 8.7 13.1#



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: 3.08 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

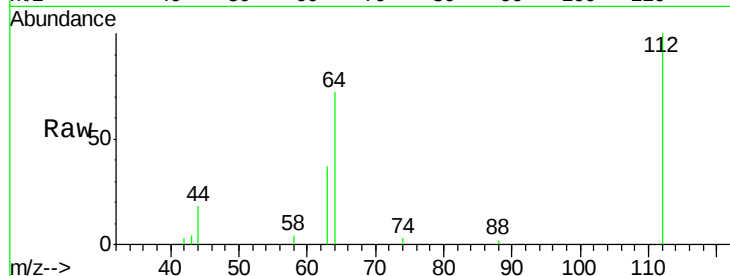
Tgt Ion: 112 Resp: 18414

Ion Ratio Lower Upper

112 100

64 69.3 37.1 55.7#

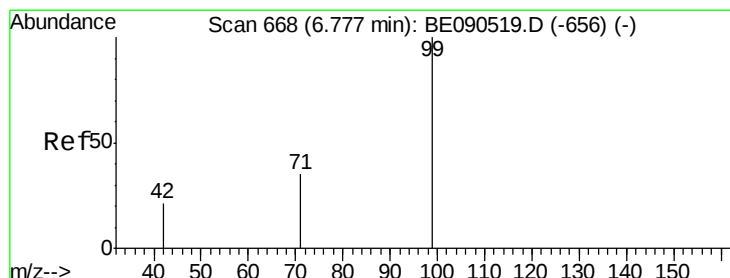
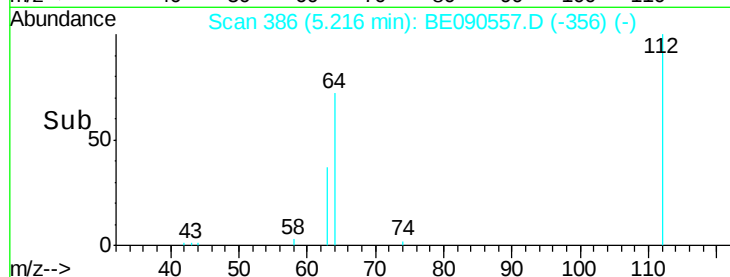
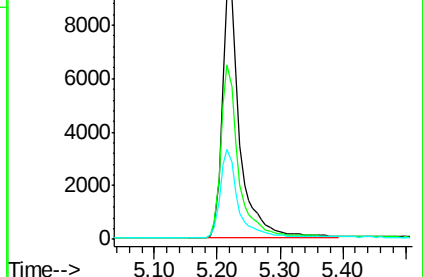
63 35.3 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 1.83 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

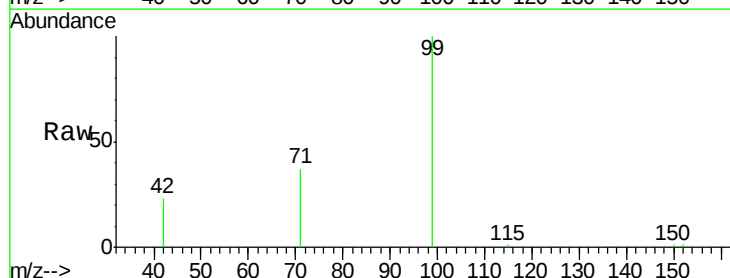
Tgt Ion: 99 Resp: 16058

Ion Ratio Lower Upper

99 100

42 19.1 18.2 27.4

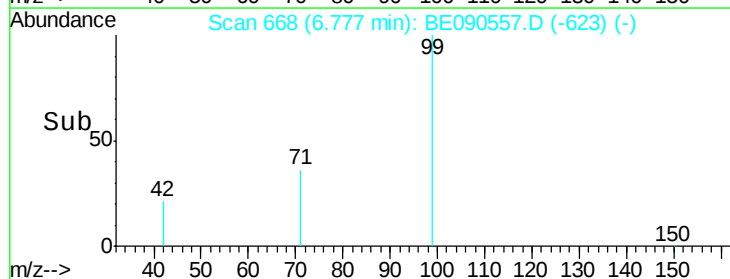
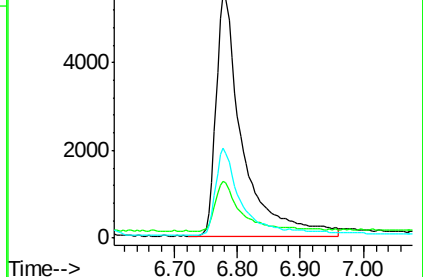
71 33.1 27.4 41.0

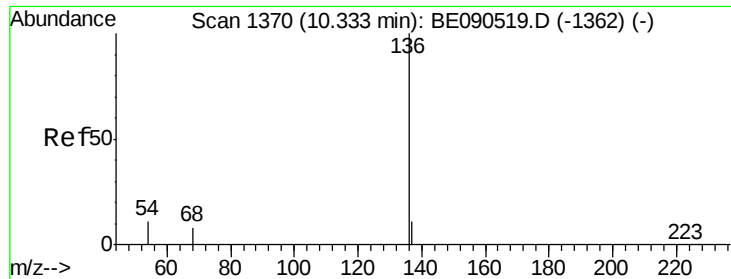


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

Tgt Ion: 136 Resp: 104502

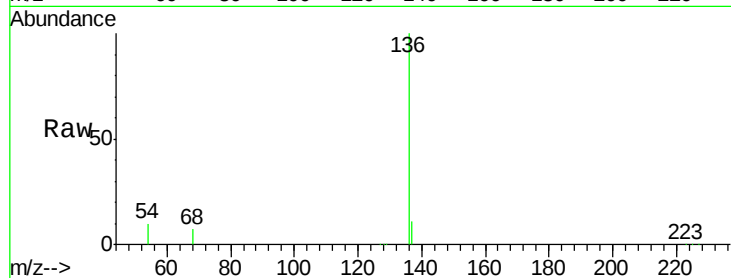
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.9 9.4 14.0

68 7.4 6.5 9.7

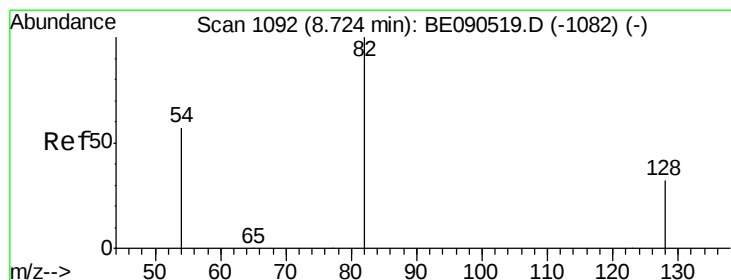
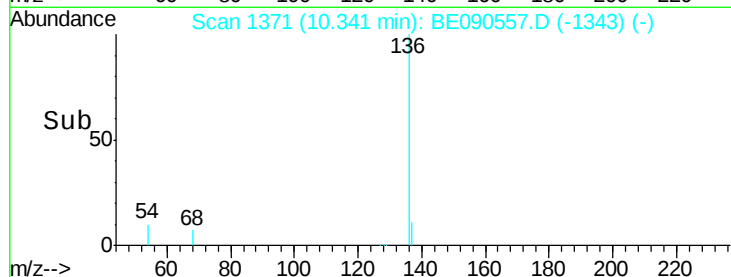
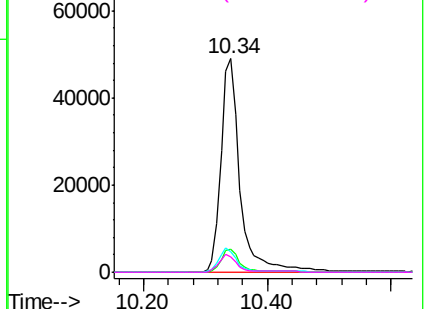


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.78 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

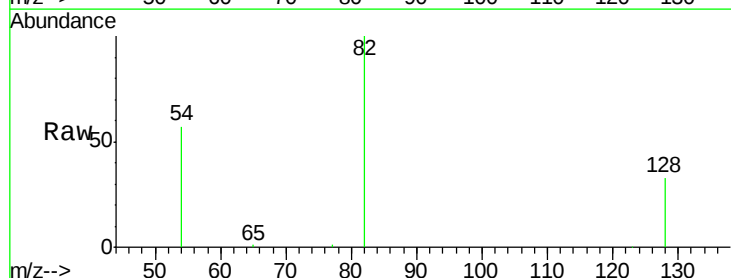
Tgt Ion: 82 Resp: 31501

Ion Ratio Lower Upper

82 100

128 32.5 25.0 37.6

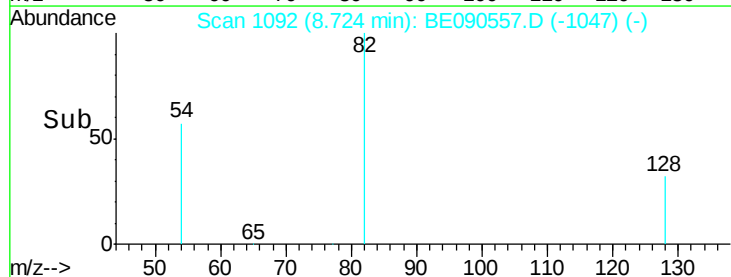
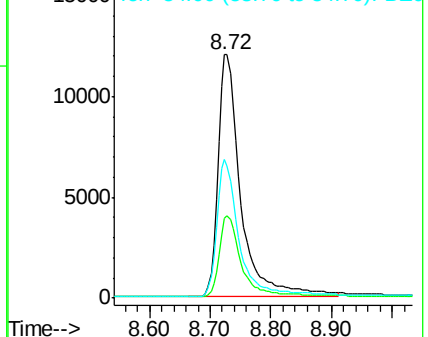
54 57.1 48.8 73.2

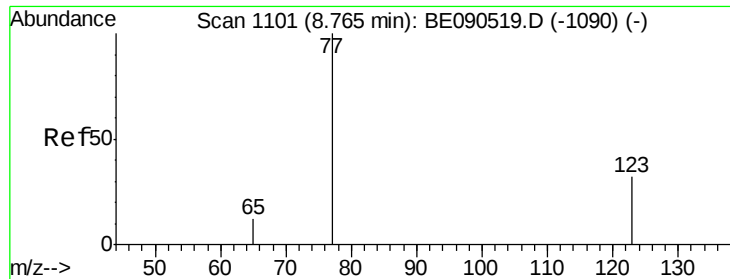


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.01 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.04 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

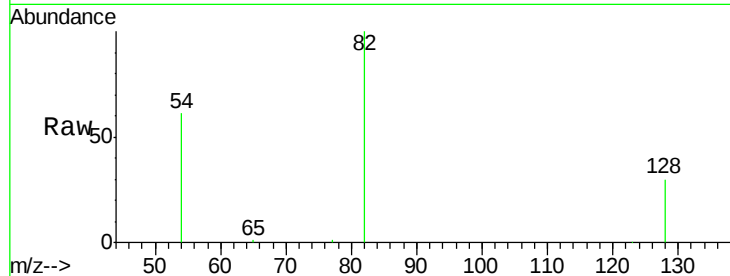
Tgt Ion: 77 Resp: 93

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

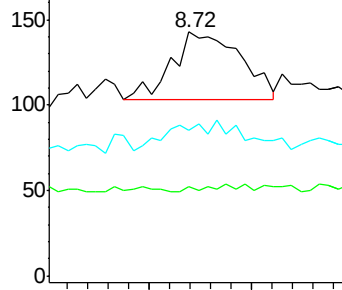
65 17.2 9.3 13.9#



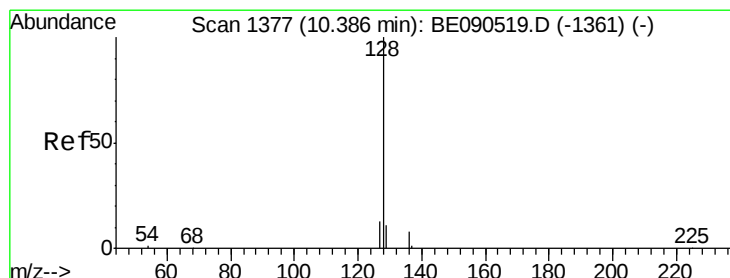
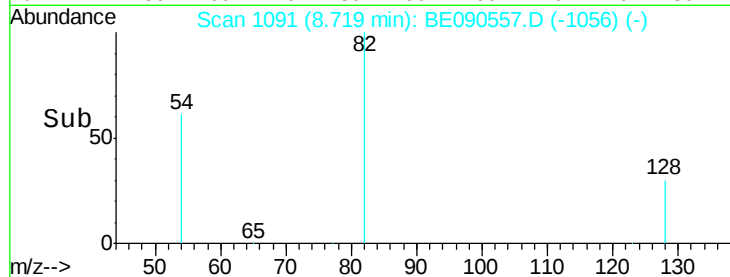
Abundance Ion 77.00 (76.70 to 77.70): BE090519.D (-1090) (-)

Ion 123.00 (122.70 to 123.70): BE090519.D (-1090) (-)

Ion 65.00 (64.70 to 65.70): BE090519.D (-1090) (-)



Time-->



#9

Naphthalene

Concen: 0.01 ng

RT: 10.39 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

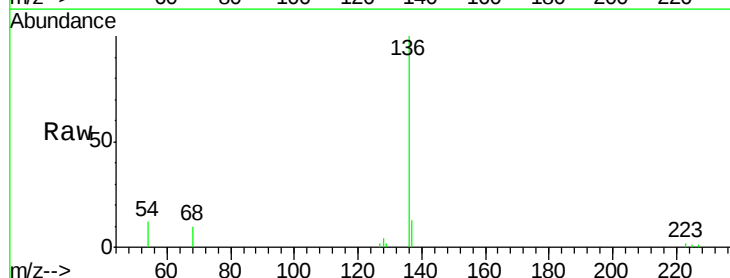
Tgt Ion: 128 Resp: 178

Ion Ratio Lower Upper

128 100

129 52.4 9.8 14.6#

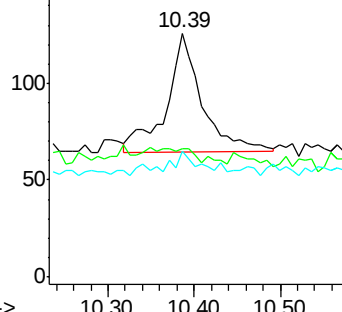
127 51.6 10.6 16.0#



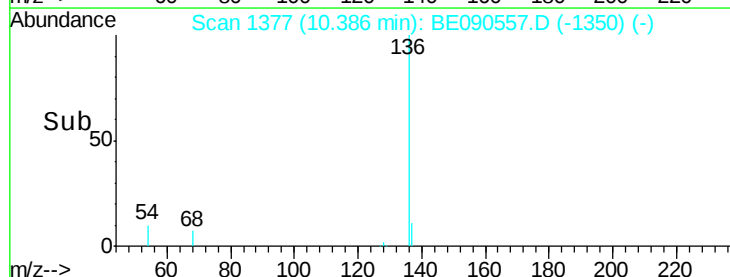
Abundance Ion 128.00 (127.70 to 128.70): BE090519.D (-1361) (-)

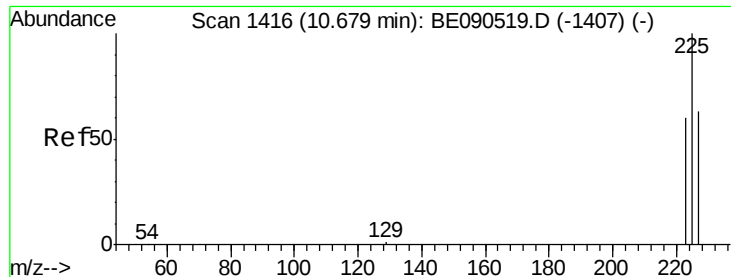
Ion 129.00 (128.70 to 129.70): BE090519.D (-1361) (-)

Ion 127.00 (126.70 to 127.70): BE090519.D (-1361) (-)



Time-->

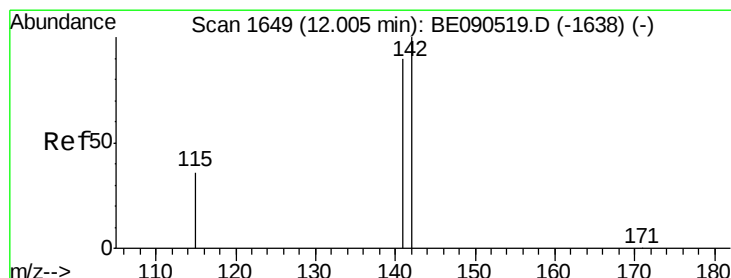
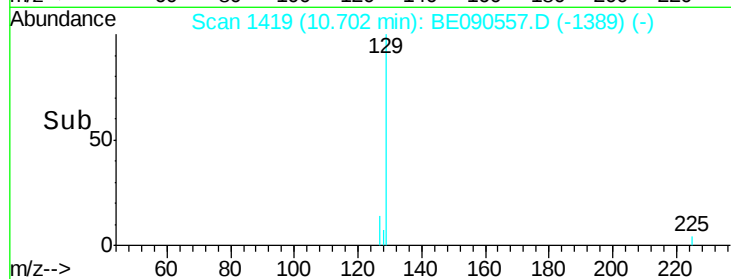
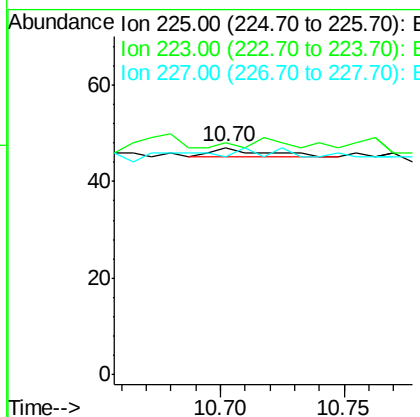
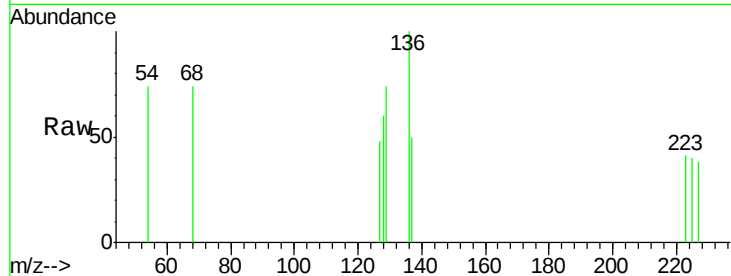




#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.70 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

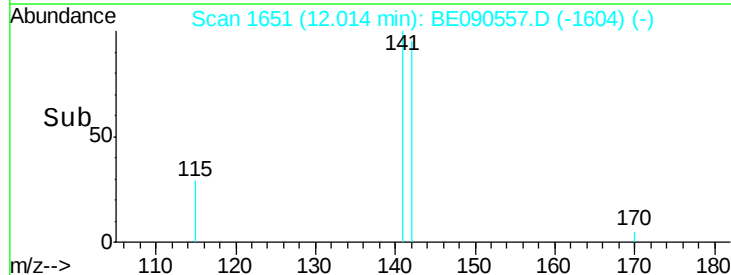
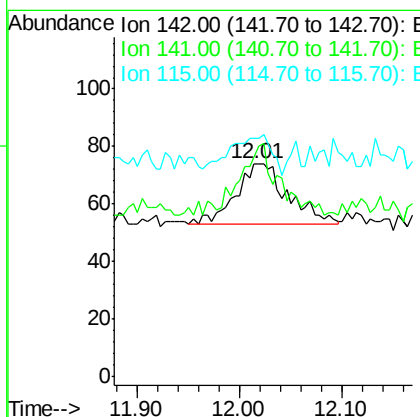
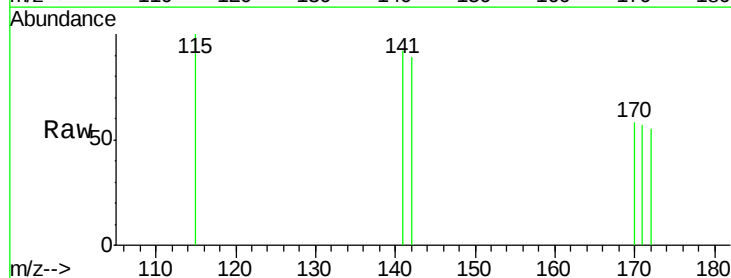
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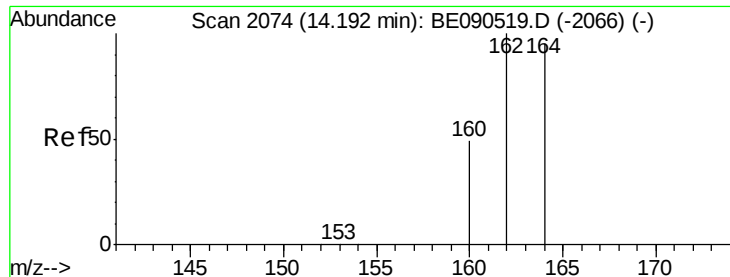
Tgt Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 66.7 50.6 75.8
227 66.7 50.7 76.1



#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

Tgt Ion: 142 Resp: 74
Ion Ratio Lower Upper
142 100
141 102.7 72.6 109.0
115 112.2 31.6 47.4#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

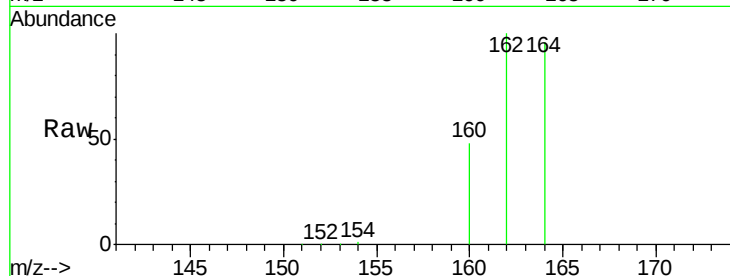
Tgt Ion:164 Resp: 56523

Ion Ratio Lower Upper

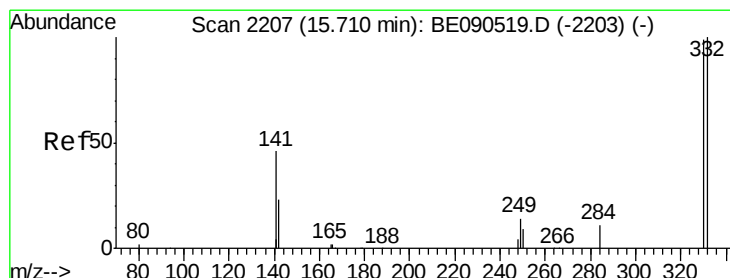
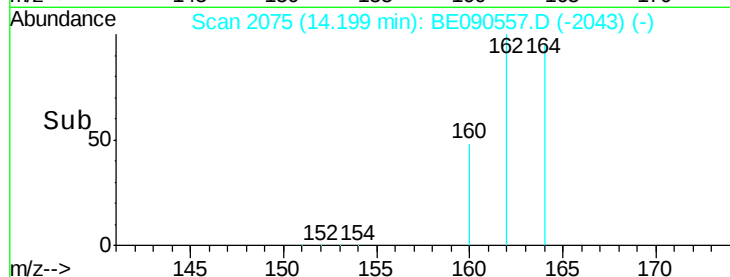
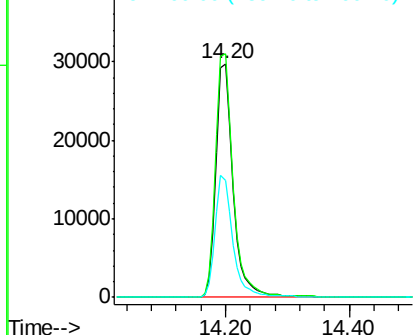
164 100

162 104.2 81.8 122.8

160 50.2 44.2 66.4



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: 9.42 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

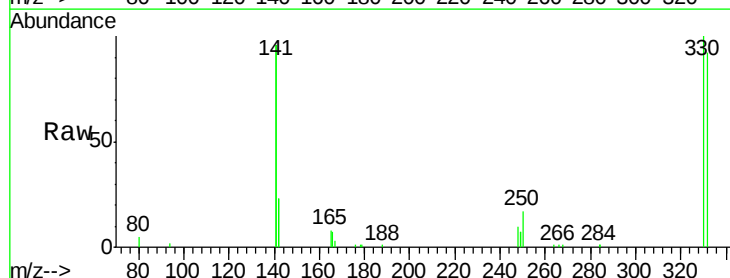
Tgt Ion:330 Resp: 20499

Ion Ratio Lower Upper

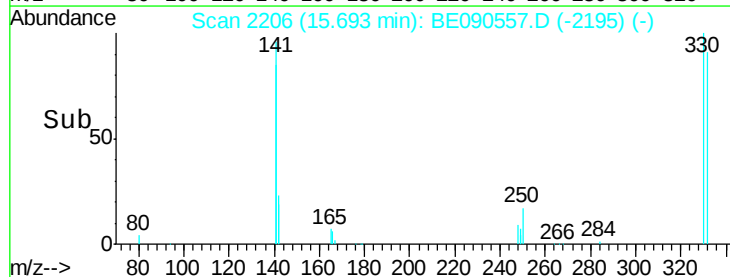
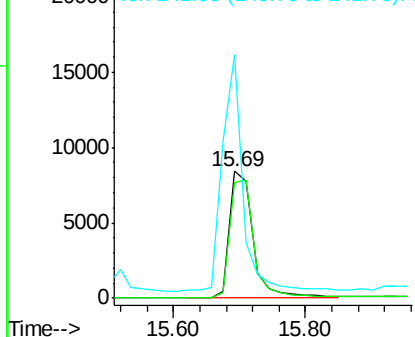
330 100

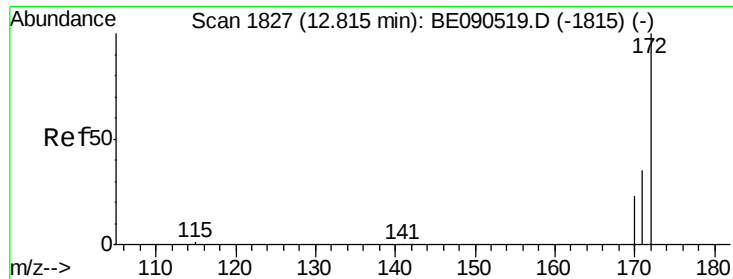
332 96.3 75.8 113.6

141 162.1 114.4 171.6



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

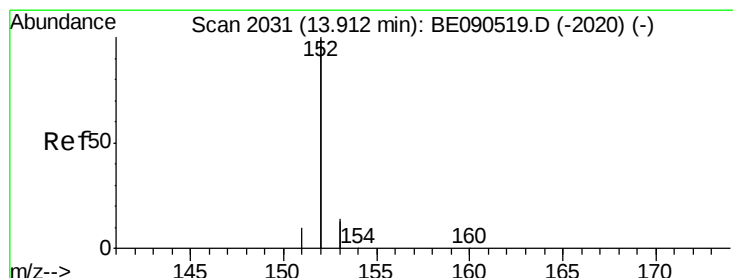
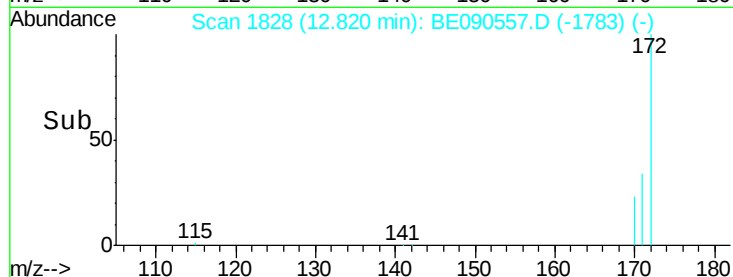
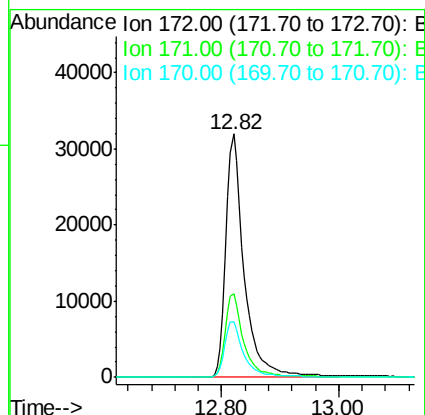
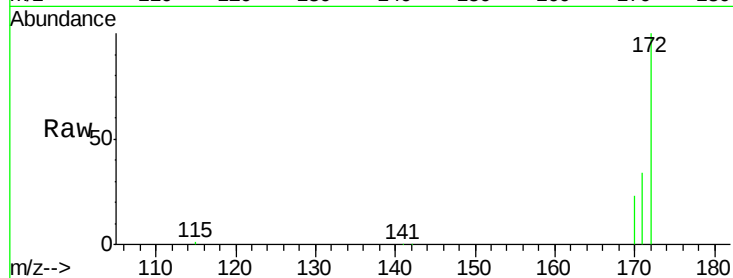




#14
2-Fluorobiphenyl
Concen: 4.03 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

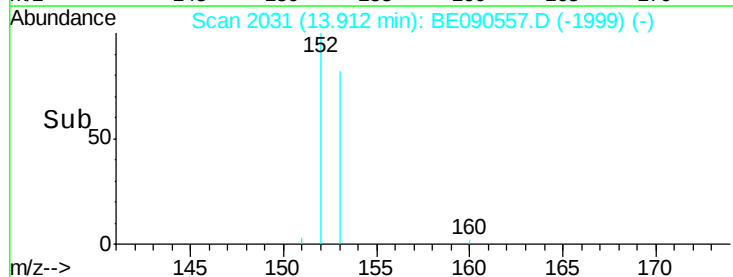
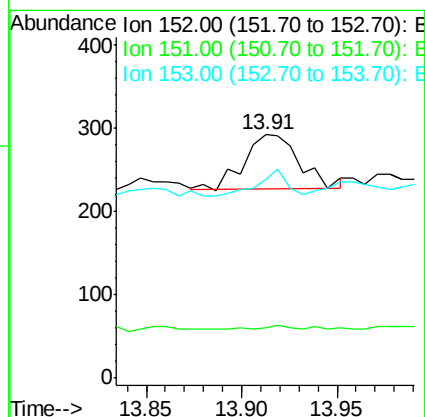
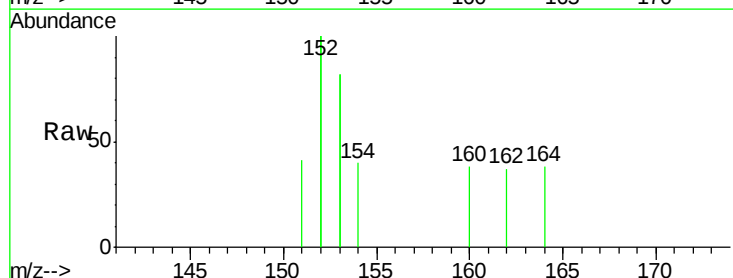
Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-B

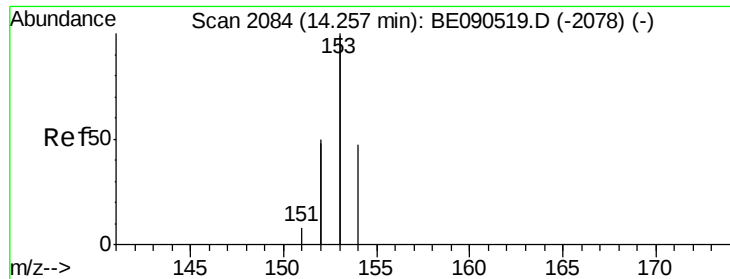
Tgt Ion:172 Resp: 68040
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.9 19.8 29.8



#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

Tgt Ion:152 Resp: 132
Ion Ratio Lower Upper
152 100
151 5.3 3.8 5.8
153 25.8 10.3 15.5#





#16

Acenaphthene

Concen: 0.00 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

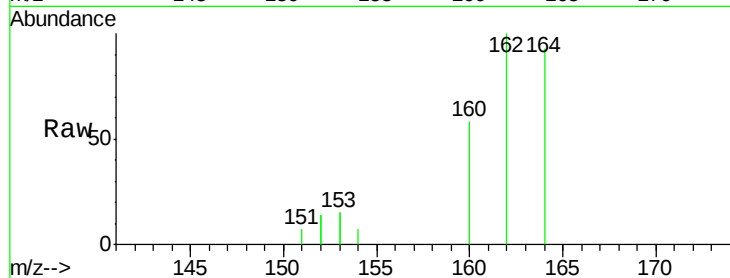
Tgt Ion:154 Resp: 36

Ion Ratio Lower Upper

154 100

153 433.3 376.2 564.2

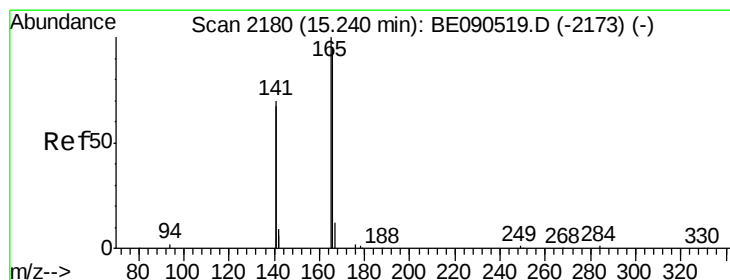
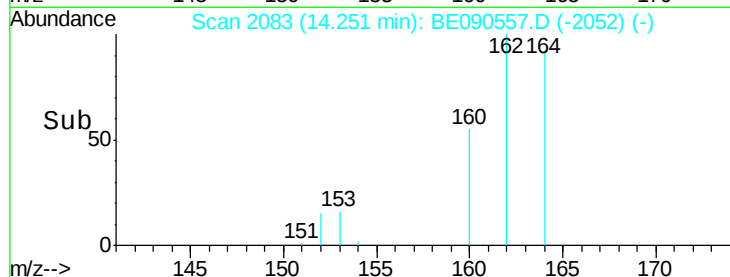
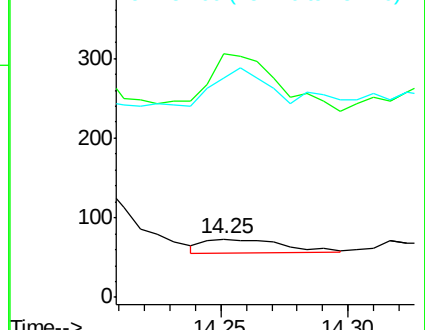
152 225.0 235.0 352.4#



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: 0.01 ng

RT: 15.26 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

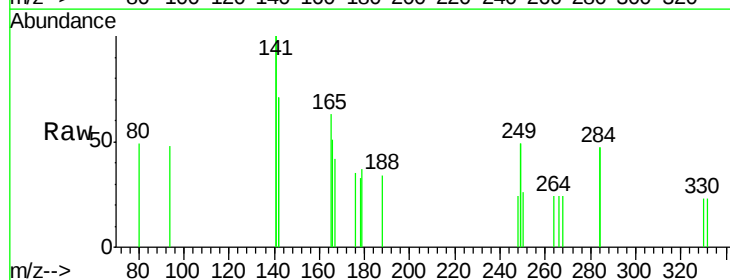
Tgt Ion:166 Resp: 111

Ion Ratio Lower Upper

166 100

165 149.5 81.5 122.3#

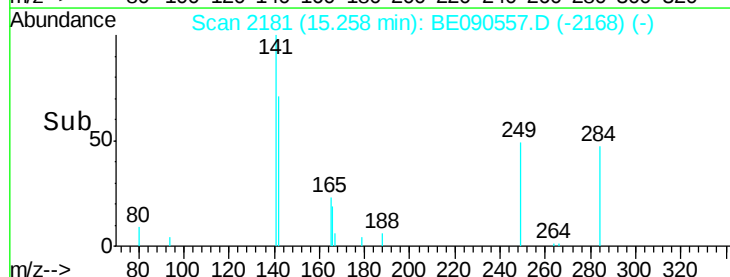
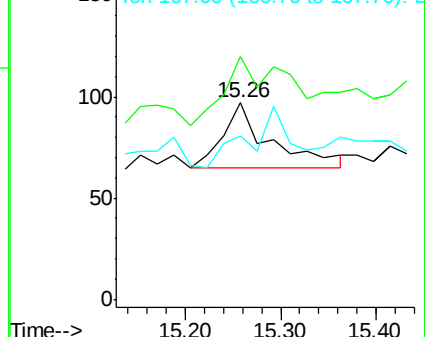
167 0.0 11.4 17.0#

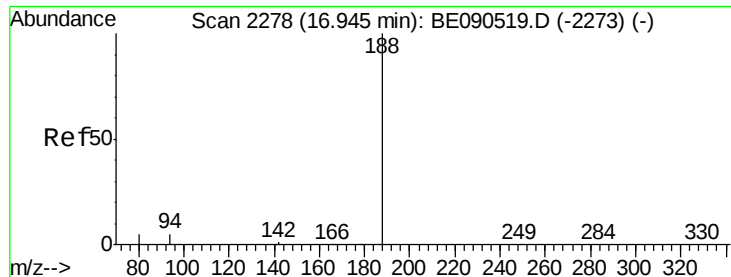


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

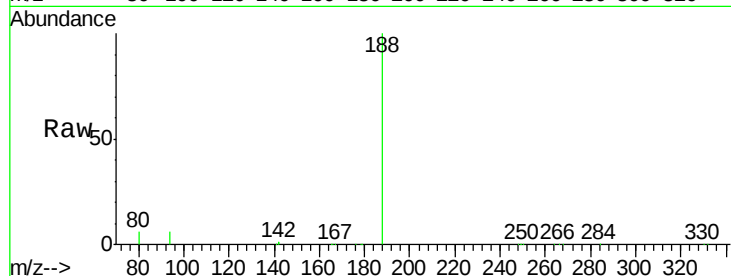
Tgt Ion:188 Resp: 119480

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

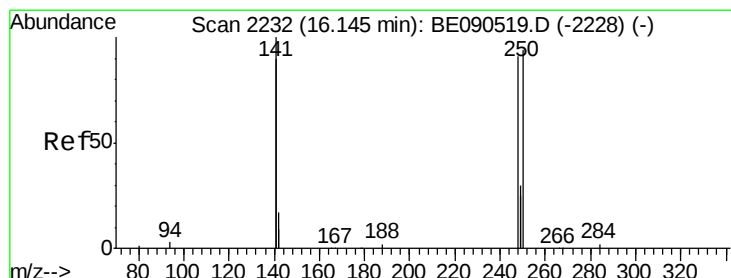
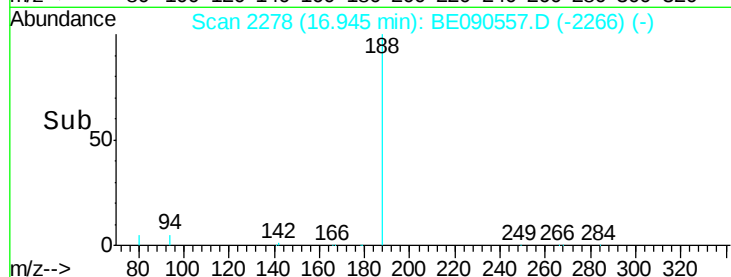
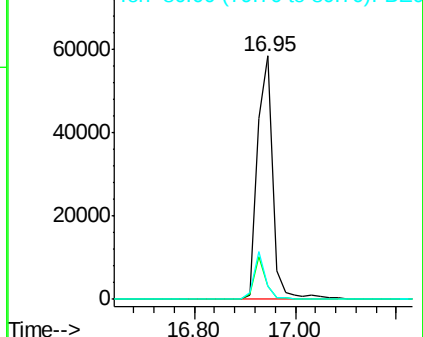
80 5.7 5.8 8.8#



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: 0.00 ng

RT: 16.06 min Scan# 2227

Delta R.T. -0.09 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

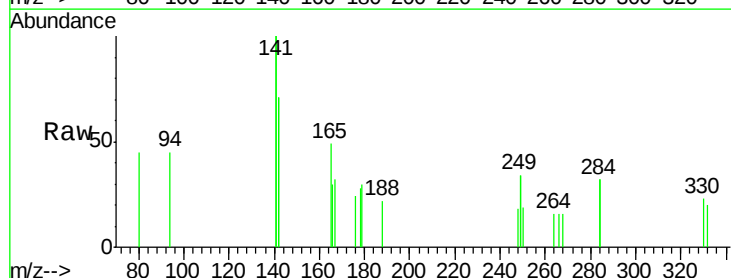
Tgt Ion:248 Resp: 18

Ion Ratio Lower Upper

248 100

250 0.0 79.0 118.6#

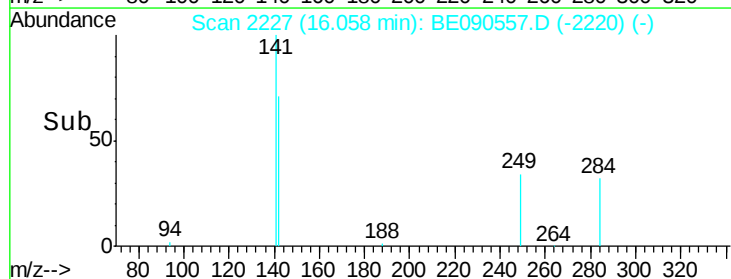
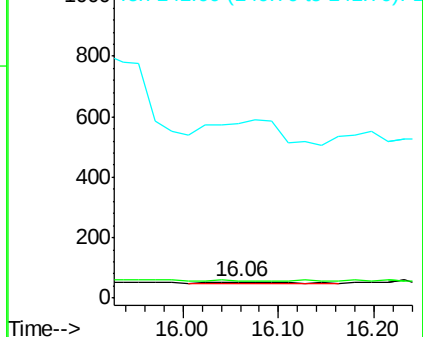
141 2322.2 239.5 359.3#

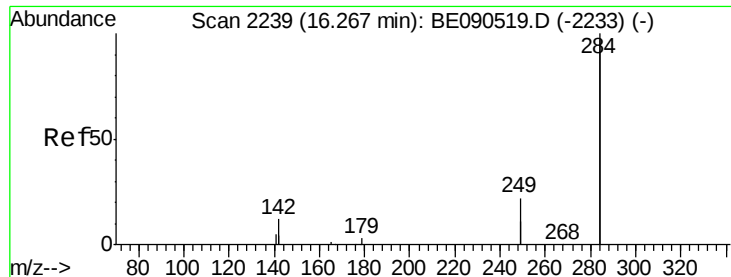


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.27 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

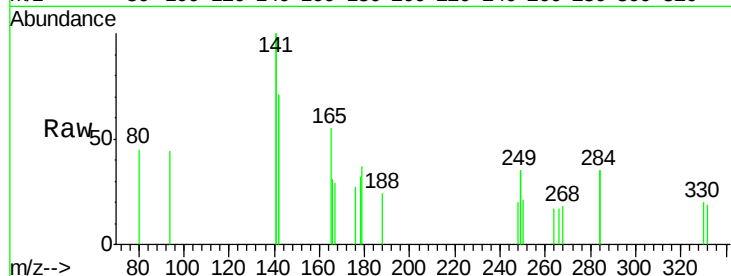
Tgt Ion:284 Resp: 21

Ion Ratio Lower Upper

284 100

142 0.0 30.1 45.1#

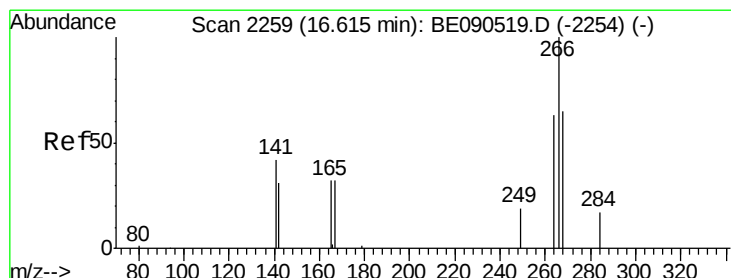
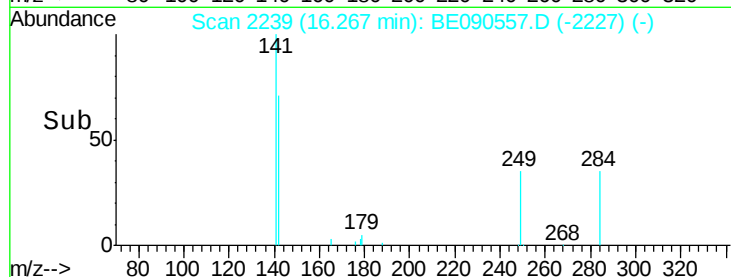
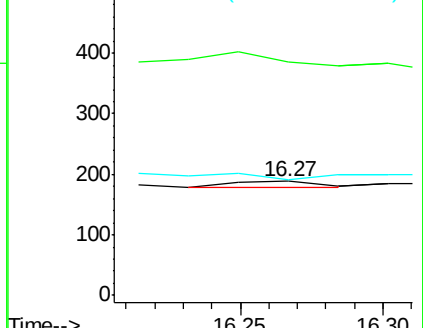
249 0.0 25.7 38.5#



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: 0.31 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

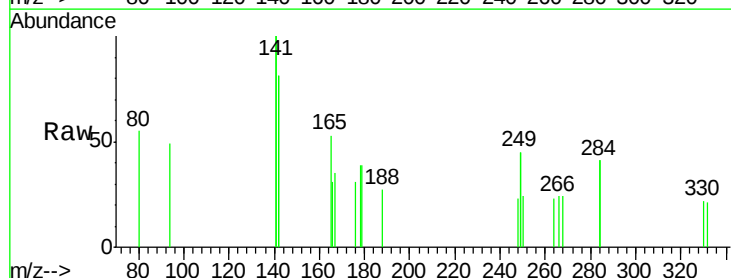
Tgt Ion:266 Resp: 29

Ion Ratio Lower Upper

266 100

268 98.2 58.5 87.7#

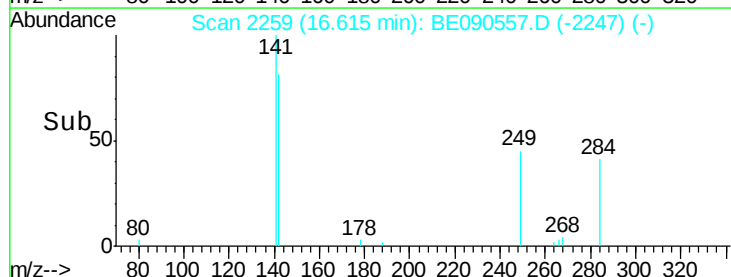
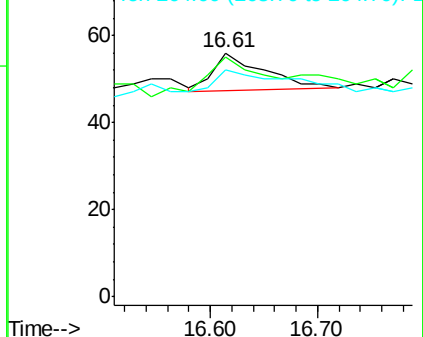
264 92.9 56.0 84.0#

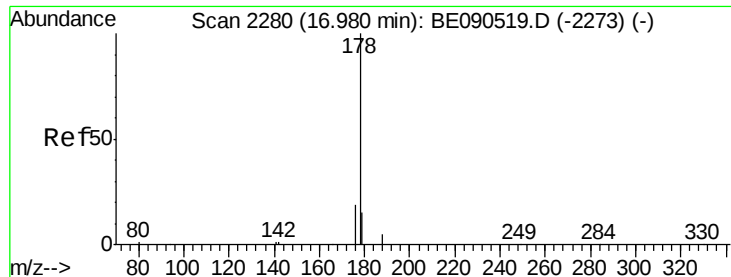


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.01 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

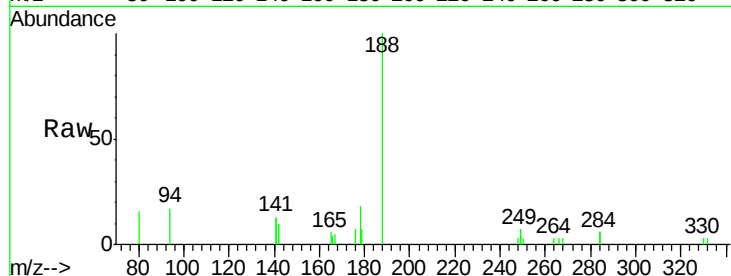
Tgt Ion:178 Resp: 457

Ion Ratio Lower Upper

178 100

176 30.0 15.4 23.2#

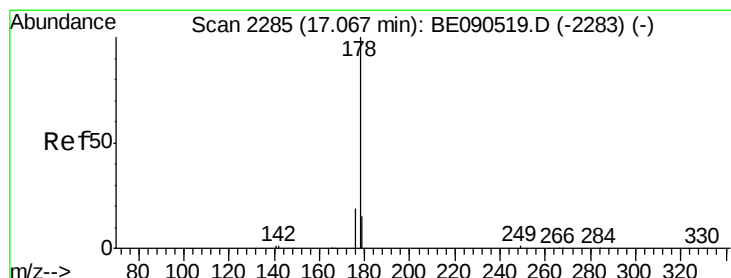
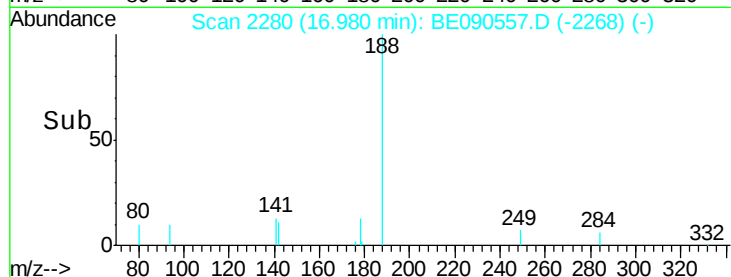
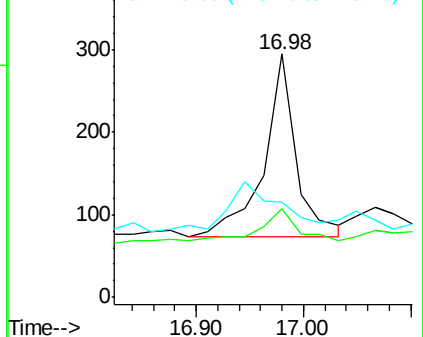
179 0.0 12.5 18.7#



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: 0.00 ng

RT: 17.07 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

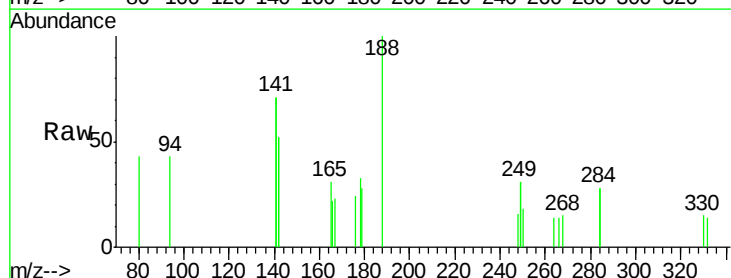
Tgt Ion:178 Resp: 112

Ion Ratio Lower Upper

178 100

176 57.1 14.9 22.3#

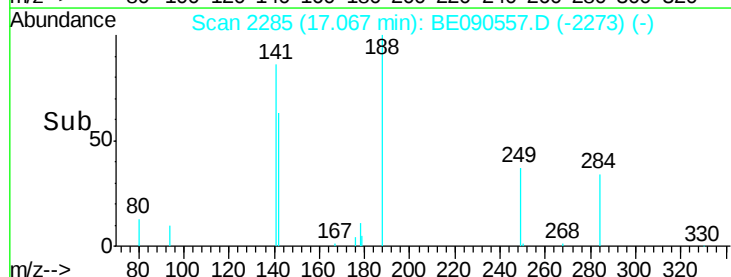
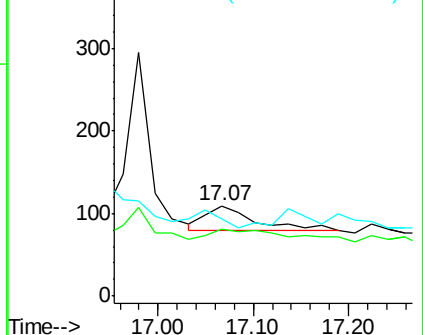
179 39.3 12.2 18.4#

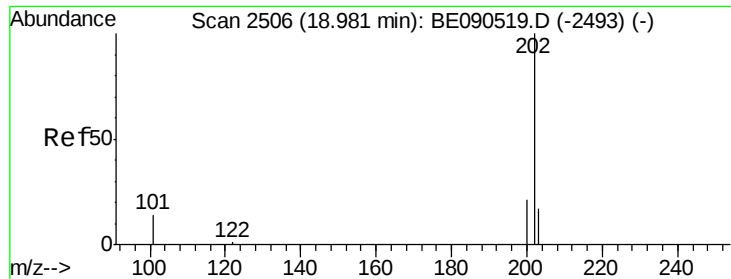


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.01 ng

RT: 18.99 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

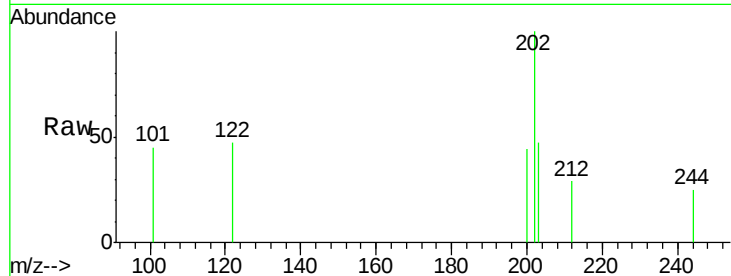
Tgt Ion:202 Resp: 206

Ion Ratio Lower Upper

202 100

101 23.3 10.3 15.5#

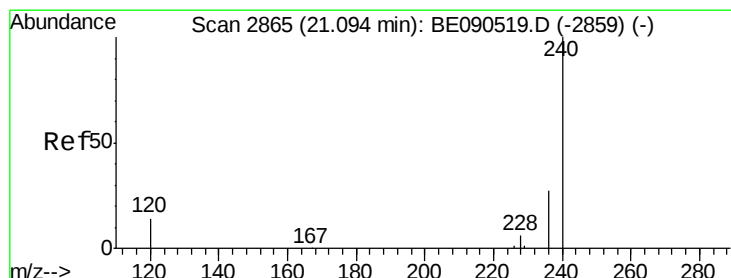
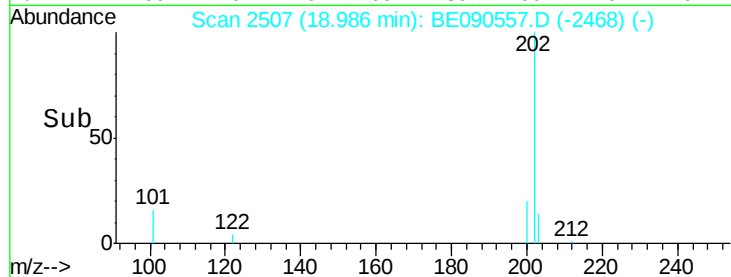
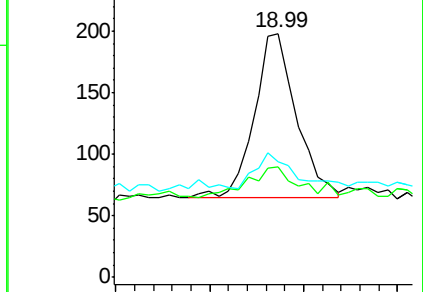
203 18.4 13.7 20.5



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

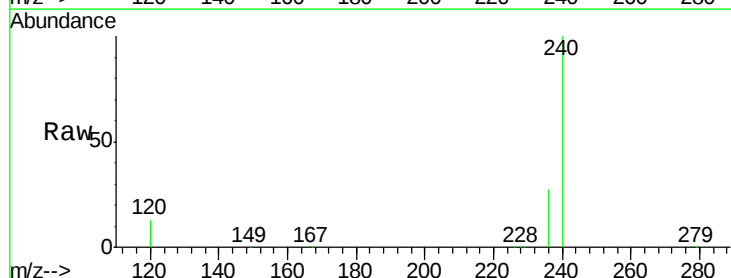
Tgt Ion:240 Resp: 119437

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

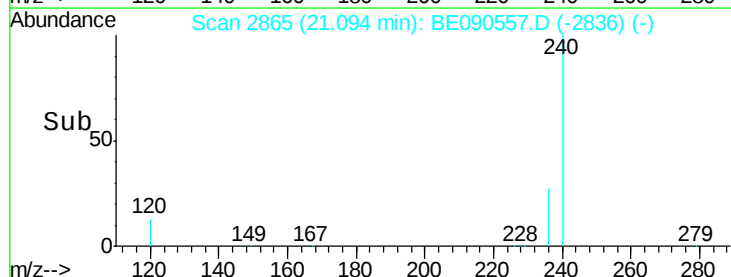
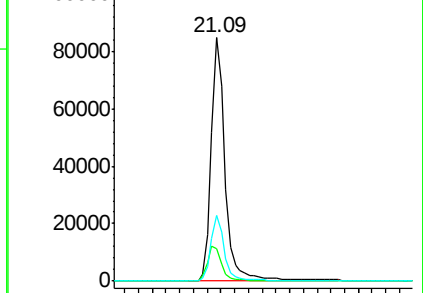
236 26.8 21.0 31.4

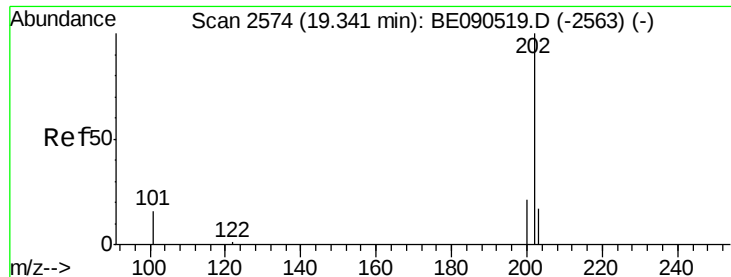


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.01 ng

RT: 19.35 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

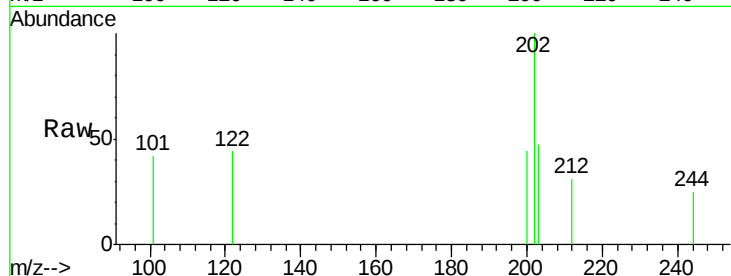
Tgt Ion: 202 Resp: 221

Ion Ratio Lower Upper

202 100

200 25.8 16.7 25.1#

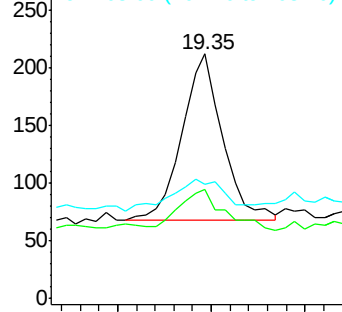
203 25.3 13.8 20.8#



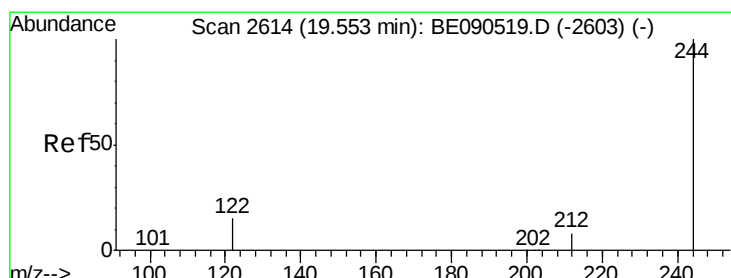
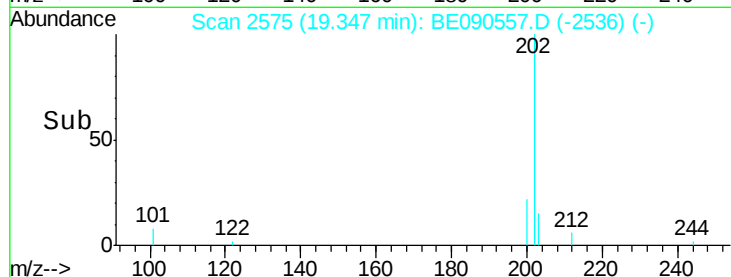
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#27

Terphenyl-d14

Concen: 4.59 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

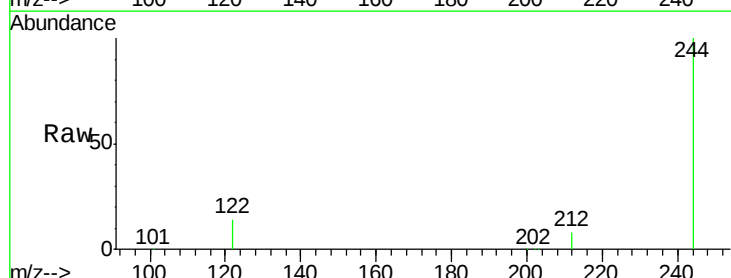
Tgt Ion: 244 Resp: 100334

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

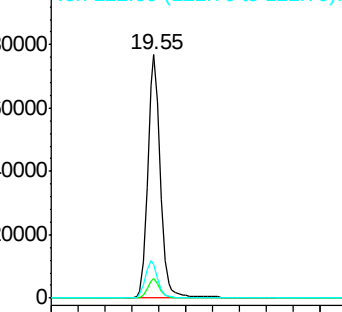
122 14.1 10.2 15.4



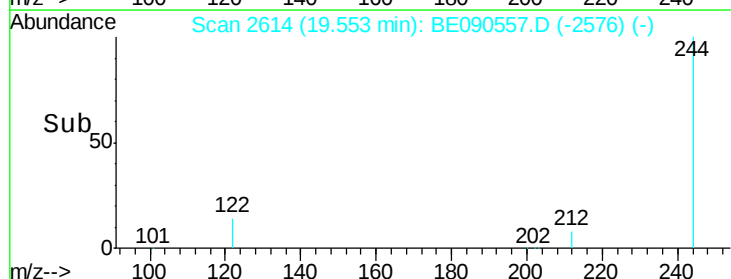
Abundance Ion 244.00 (243.70 to 244.70): E

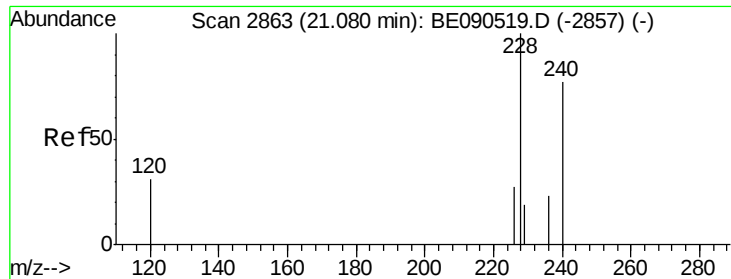
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.02 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

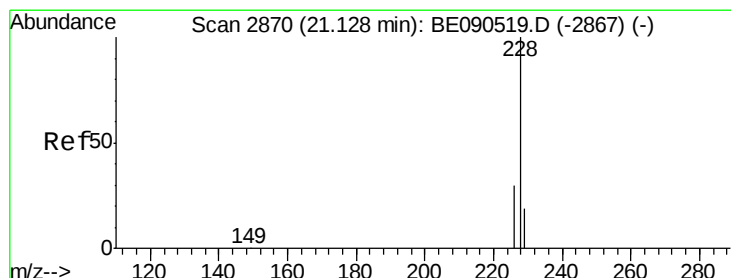
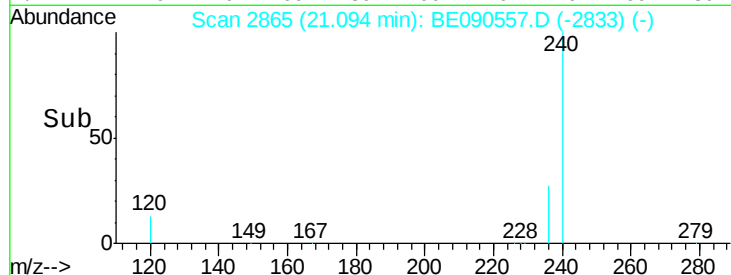
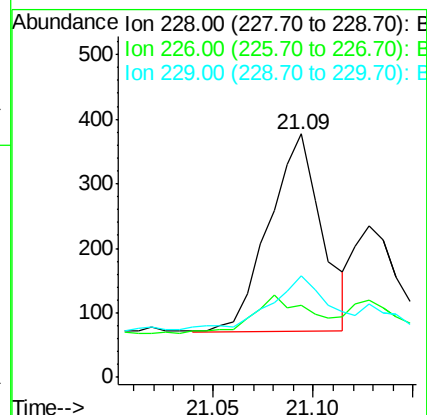
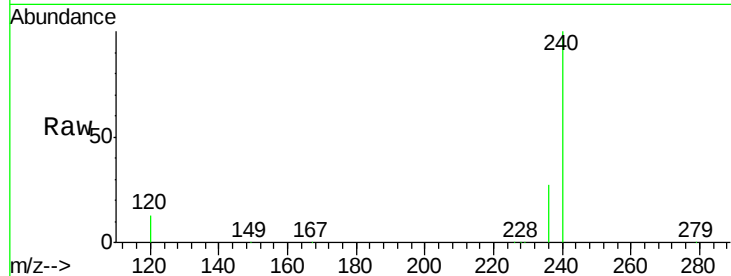
Tgt Ion:228 Resp: 559

Ion Ratio Lower Upper

228 100

226 29.4 21.9 32.9

229 41.9 15.4 23.0#



#29

Chrysene

Concen: 0.01 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

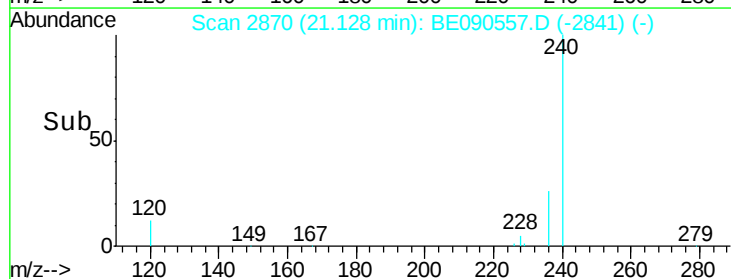
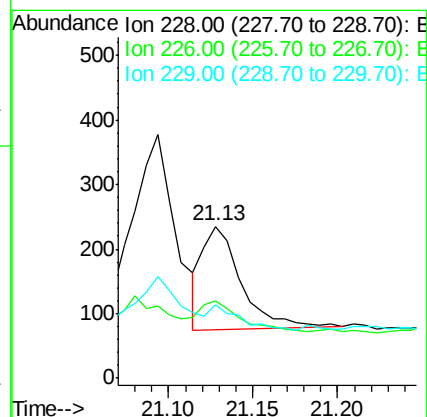
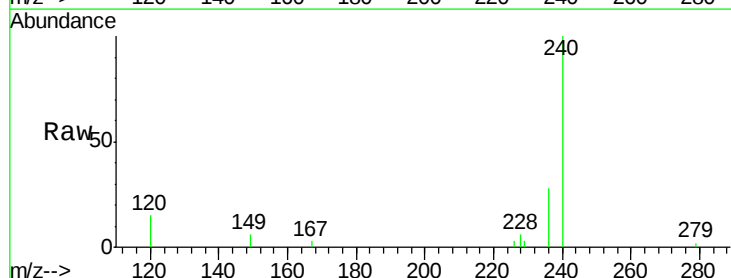
Tgt Ion:228 Resp: 256

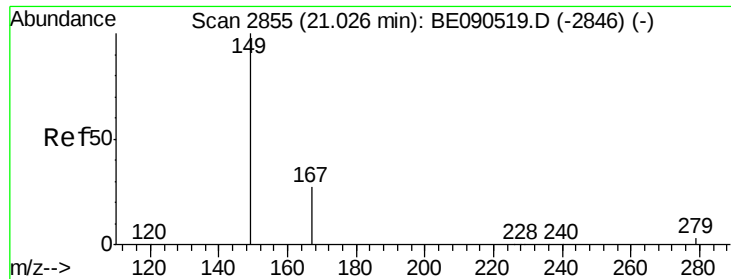
Ion Ratio Lower Upper

228 100

226 50.6 23.1 34.7#

229 48.5 15.8 23.8#





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

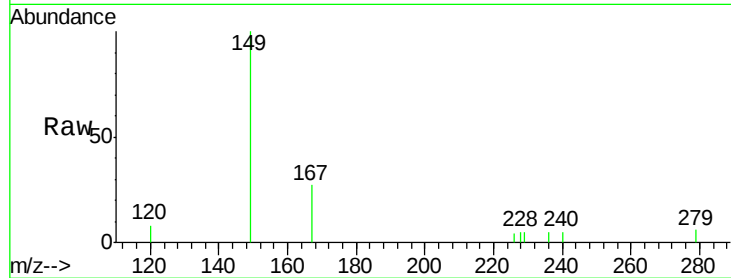
Tgt Ion:149 Resp: 1732

Ion Ratio Lower Upper

149 100

167 24.3 19.8 29.8

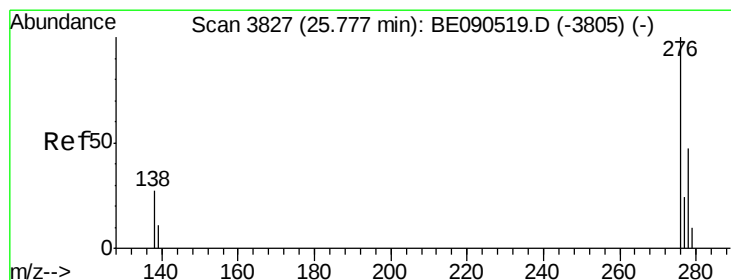
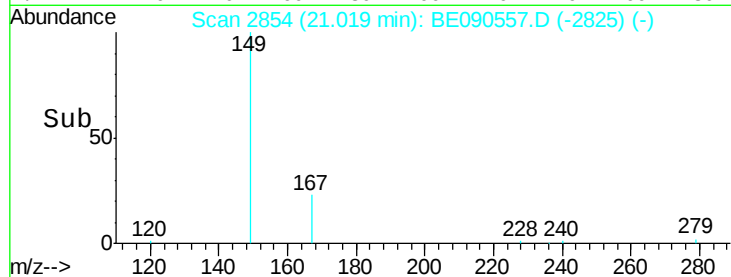
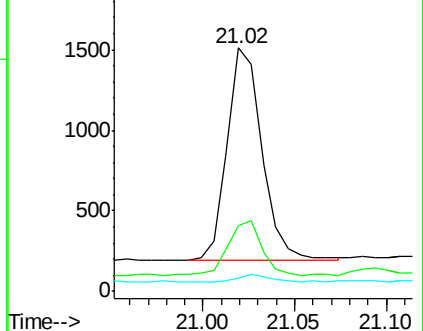
279 3.9 2.4 3.6#



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: 0.03 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

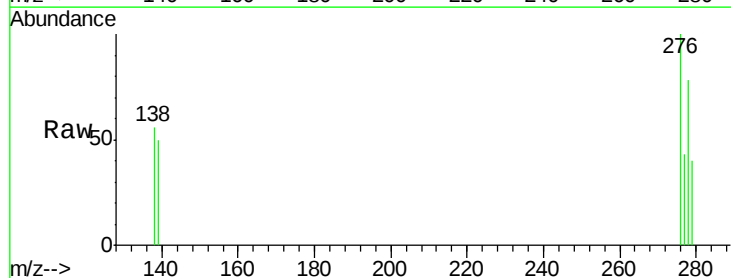
Tgt Ion:276 Resp: 789

Ion Ratio Lower Upper

276 100

138 9.6 18.8 28.2#

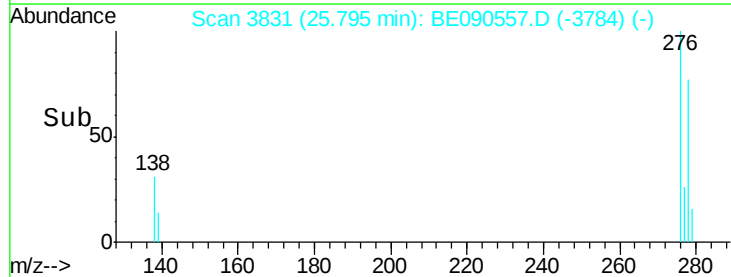
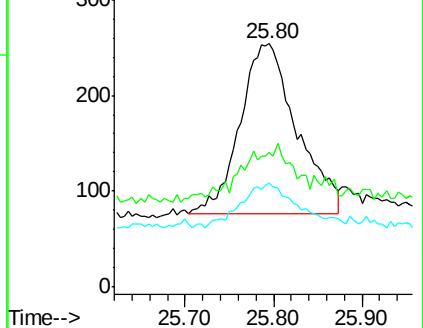
277 25.0 18.2 27.4

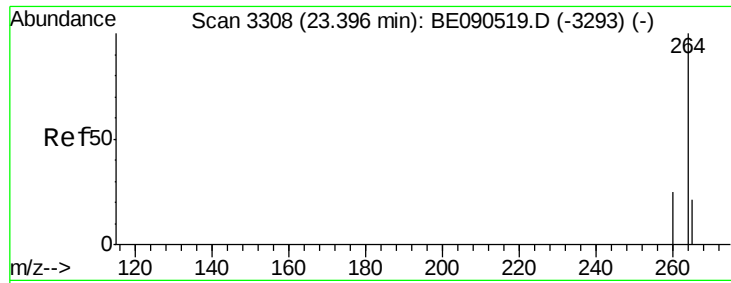


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

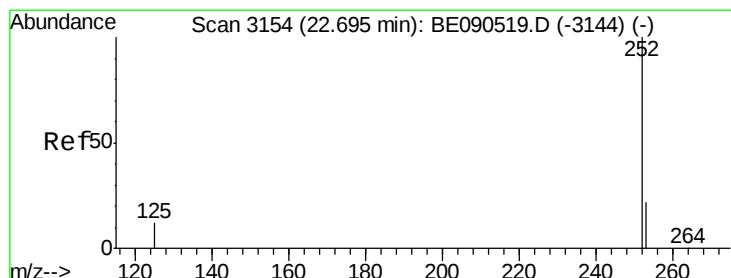
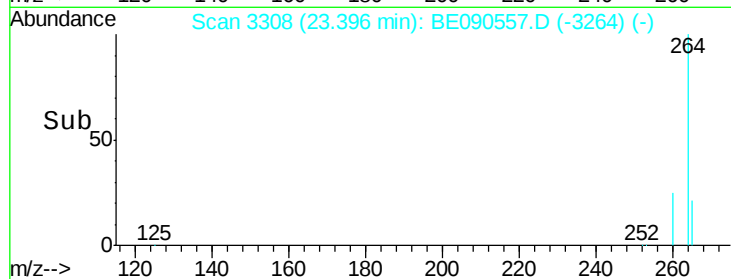
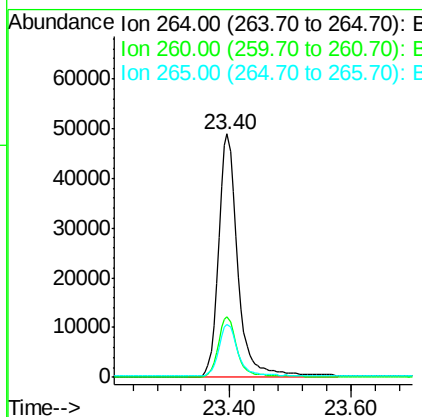
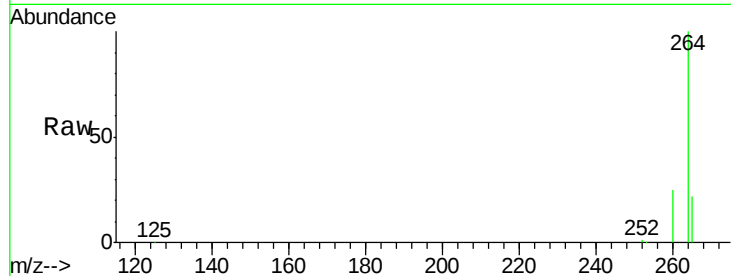




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

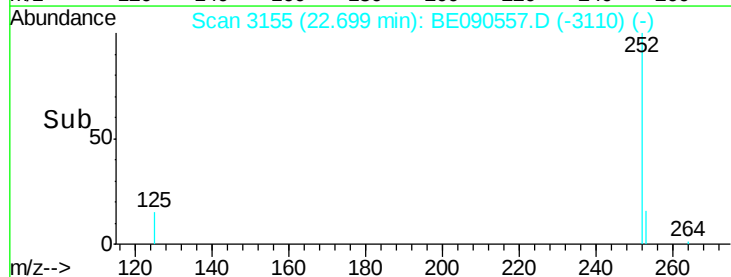
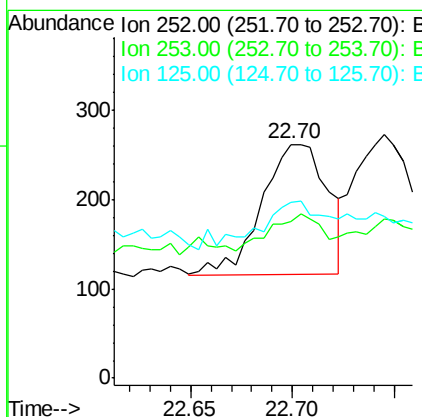
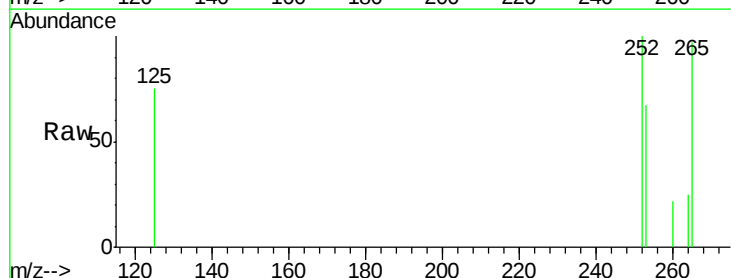
Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-B

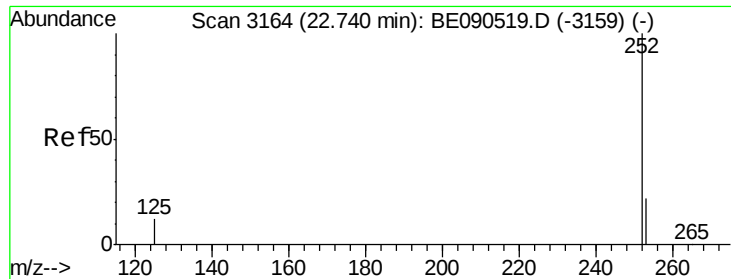
Tgt Ion: 264 Resp: 108026
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 21.7 17.2 25.8



#33
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.70 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

Tgt Ion: 252 Resp: 326
Ion Ratio Lower Upper
252 100
253 66.8 18.1 27.1#
125 75.2 9.4 14.2#

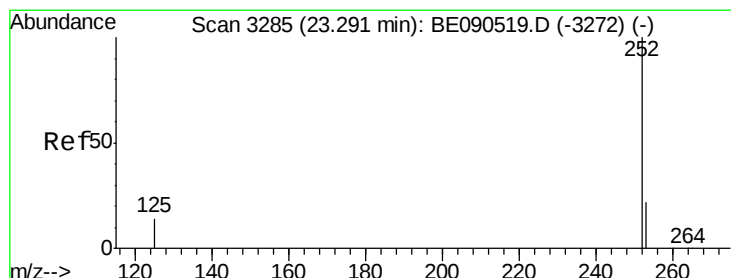
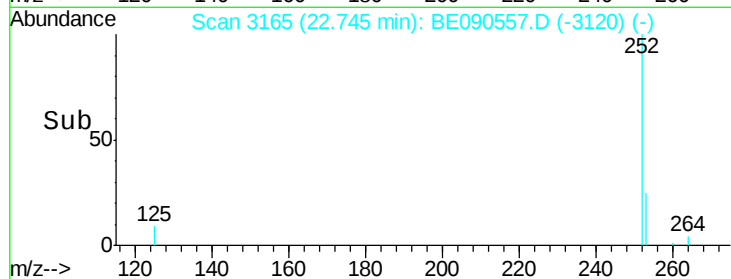
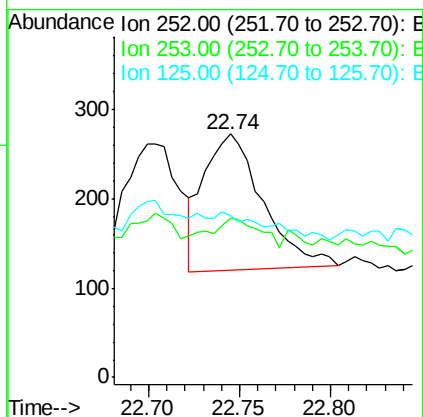
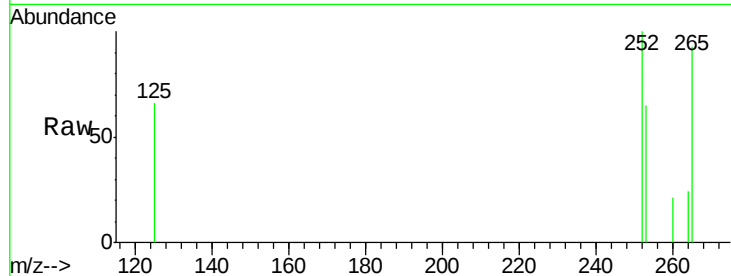




#34
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.74 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

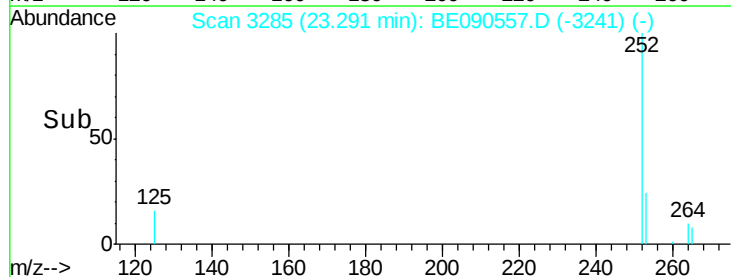
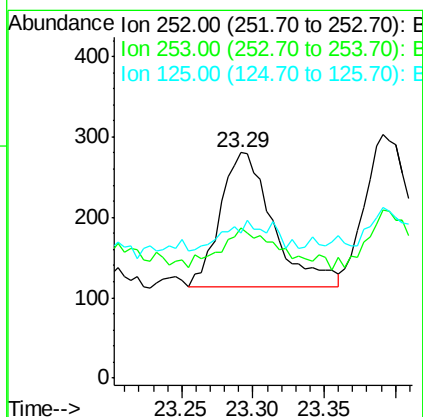
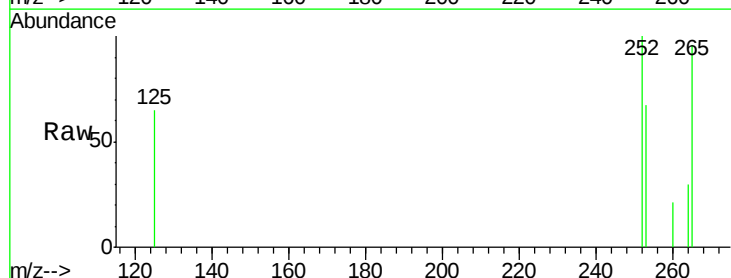
Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-B

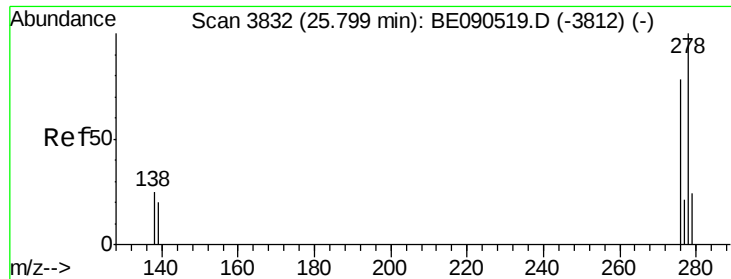
Tgt Ion: 252 Resp: 343
Ion Ratio Lower Upper
252 100
253 65.2 18.1 27.1#
125 66.3 9.1 13.7#



#35
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090557.D
Acq: 18 Aug 2015 16:58

Tgt Ion: 252 Resp: 431
Ion Ratio Lower Upper
252 100
253 66.8 17.6 26.4#
125 64.6 9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.80 min Scan# 3833

Delta R.T. 0.00 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-B

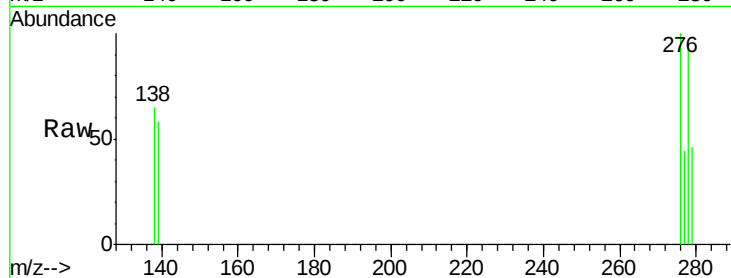
Tgt Ion: 278 Resp: 715

Ion Ratio Lower Upper

278 100

139 60.4 14.2 21.4#

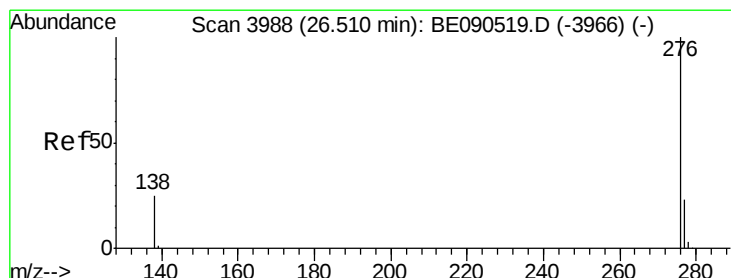
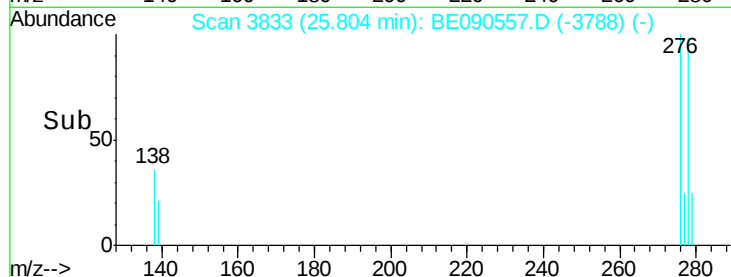
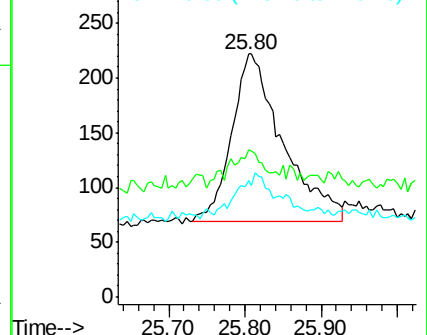
279 48.2 20.1 30.1#



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: 0.02 ng

RT: 26.52 min Scan# 3990

Delta R.T. 0.01 min

Lab File: BE090557.D

Acq: 18 Aug 2015 16:58

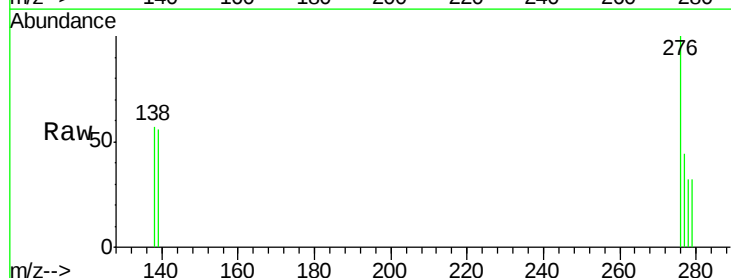
Tgt Ion: 276 Resp: 606

Ion Ratio Lower Upper

276 100

277 43.6 20.1 30.1#

138 57.3 18.1 27.1#



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

