

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090558.D
 Acq On : 18 Aug 2015 17:33
 Operator : UM/IZ
 Sample : G3329-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 19 02:32:45 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	22137	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	111937	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	60609	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	129968	5.00	ng	0.00
25) Chrysene-d12	21.09	240	125383	5.00	ng	0.00
32) Perylene-d12	23.40	264	114377	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17671	2.76	ng	0.00
5) Phenol-d6	6.78	99	15543	1.65	ng	0.00
7) Nitrobenzene-d5	8.73	82	30008	3.36	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	18963	8.13	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	63743	3.52	ng	0.00
27) Terphenyl-d14	19.55	244	92474	4.03	ng	0.00

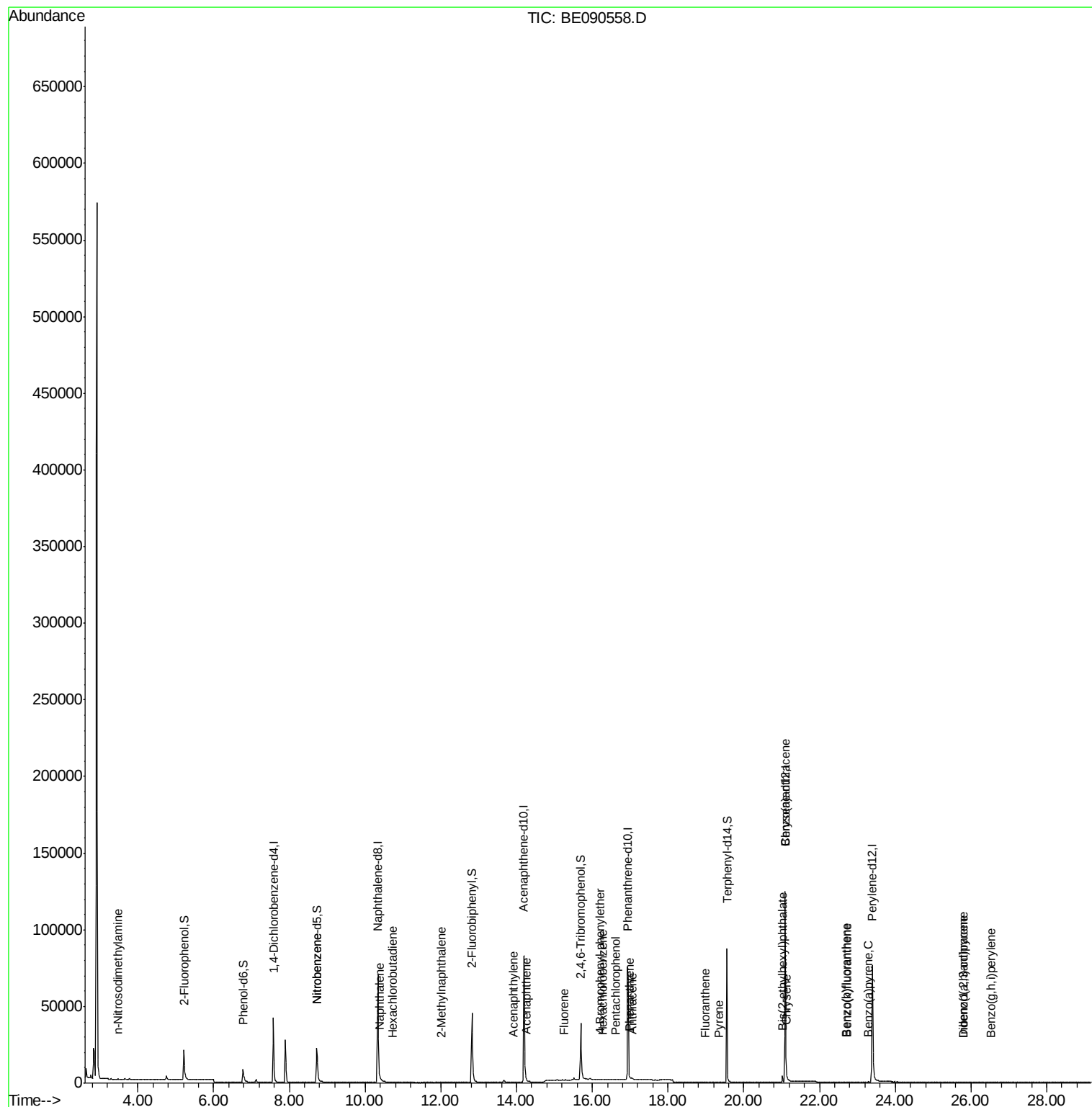
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.47	42	55	0.01	ng	# 6
8) Nitrobenzene	8.73	77	59	0.01	ng	# 37
9) Naphthalene	10.38	128	169	0.01	ng	# 1
10) Hexachlorobutadiene	10.74	225	2	0.00	ng	# 1
11) 2-Methylnaphthalene	12.03	142	53	0.00	ng	# 65
15) Acenaphthylene	13.91	152	150	0.00	ng	# 81
16) Acenaphthene	14.26	154	34	0.00	ng	# 75
17) Fluorene	15.26	166	267	0.01	ng	# 74
19) 4-Bromophenyl-phenylether	16.21	248	22	0.00	ng	# 32
20) Hexachlorobenzene	16.27	284	25	0.00	ng	# 40
21) Pentachlorophenol	16.61	266	31	0.31	ng	# 67
22) Phenanthrene	16.98	178	477	0.01	ng	# 78
23) Anthracene	17.07	178	106	0.00	ng	# 61
24) Fluoranthene	18.98	202	252	0.01	ng	# 89
26) Pyrene	19.35	202	231	0.01	ng	# 76
28) Benzo(a)anthracene	21.09	228	478	0.01	ng	# 69
29) Chrysene	21.13	228	206	0.01	ng	# 34
30) Bis(2-ethylhexyl)phthalate	21.02	149	4062	0.34	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.80	276	431	0.01	ng	# 58
33) Benzo(b)fluoranthene	22.70	252	176	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.74	252	182	0.01	ng	# 1
35) Benzo(a)pyrene	23.30	252	245	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.81	278	305	0.01	ng	# 1
37) Benzo(g,h,i)perylene	26.52	276	346	0.01	ng	# 17

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

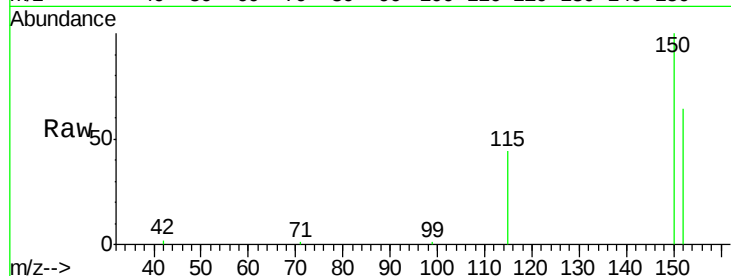
Tgt Ion:152 Resp: 22137

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

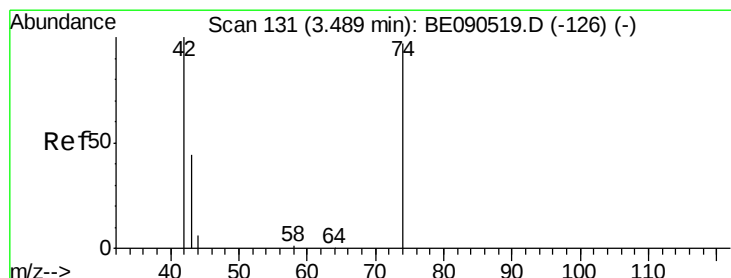
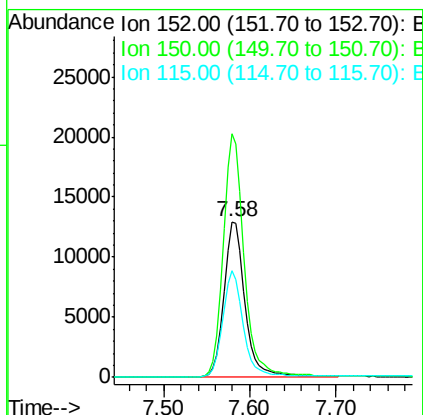
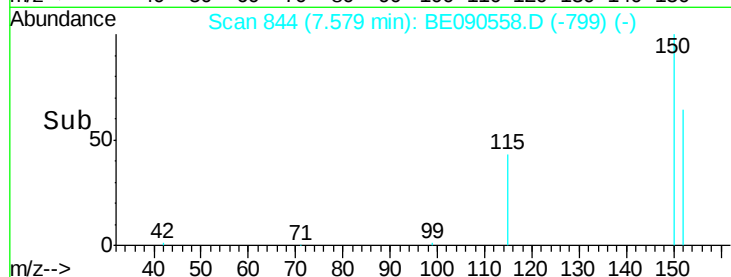
115 68.2 48.9 73.3



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. -0.01 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

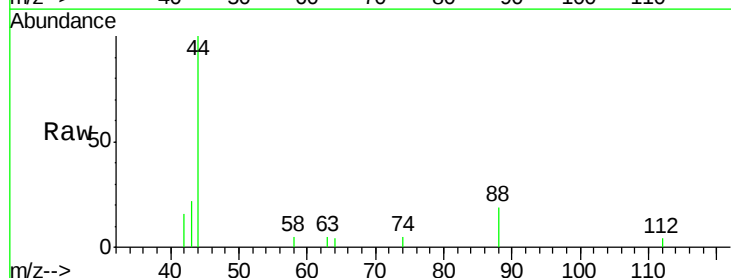
Tgt Ion: 42 Resp: 55

Ion Ratio Lower Upper

42 100

74 0.0 75.2 112.8#

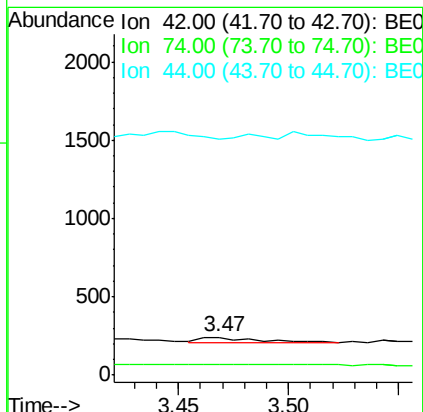
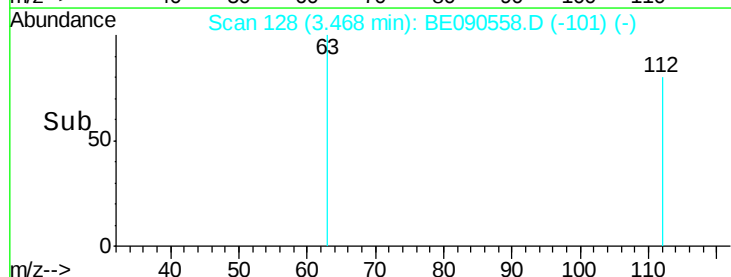
44 36.4 8.7 13.1#



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: 2.76 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

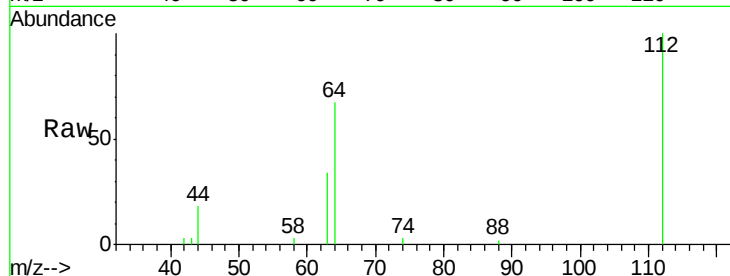
Tgt Ion: 112 Resp: 17671

Ion Ratio Lower Upper

112 100

64 68.7 37.1 55.7#

63 35.2 19.5 29.3#

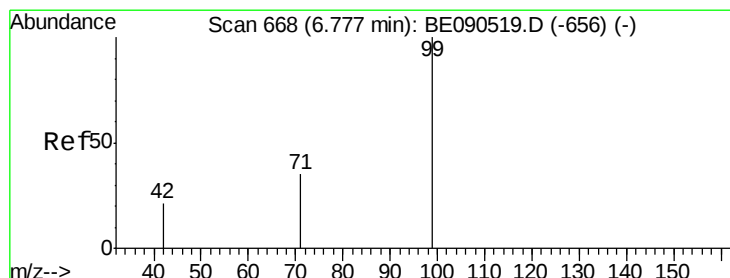
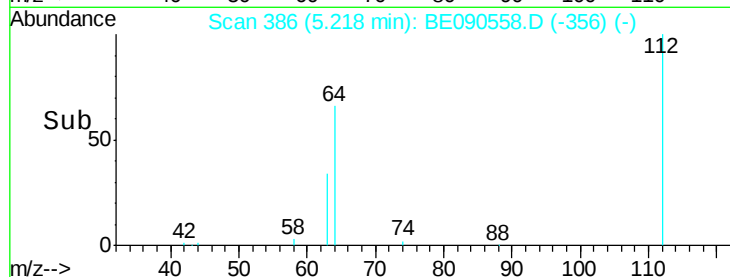


Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

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

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

Time-->



#5

Phenol-d6

Concen: 1.65 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

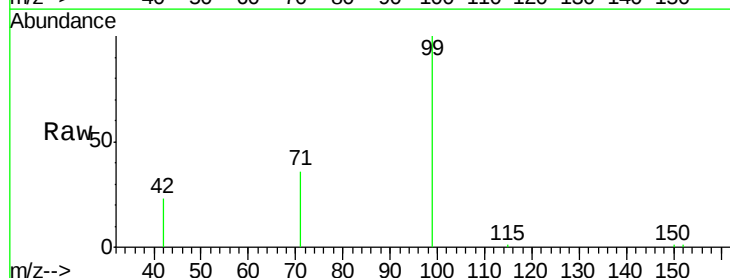
Tgt Ion: 99 Resp: 15543

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.4

71 34.8 27.4 41.0

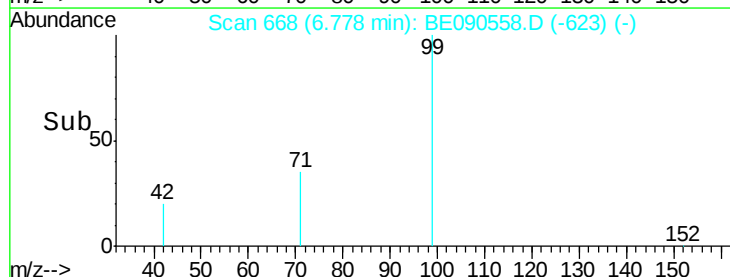


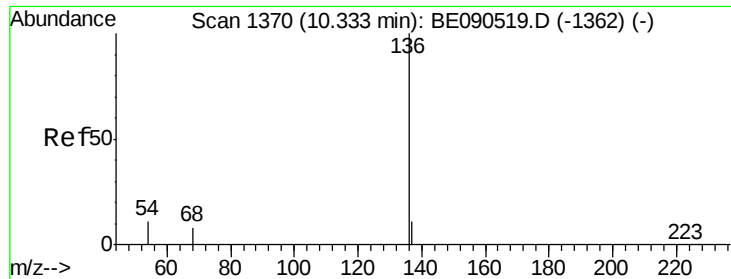
Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

Time-->

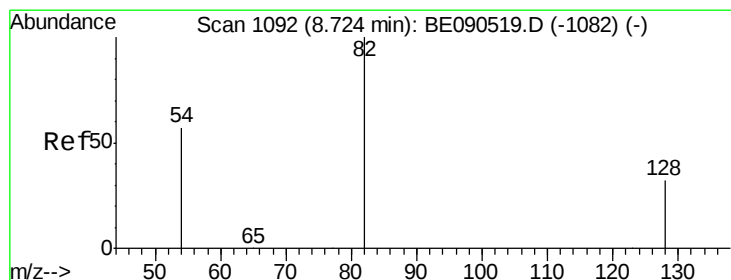
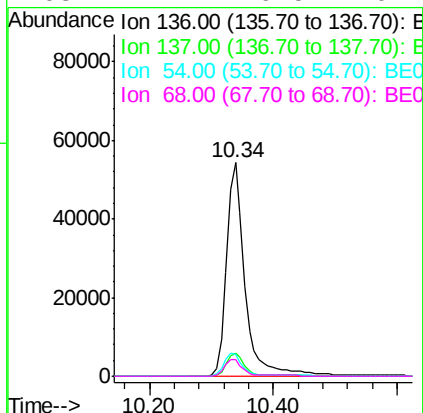
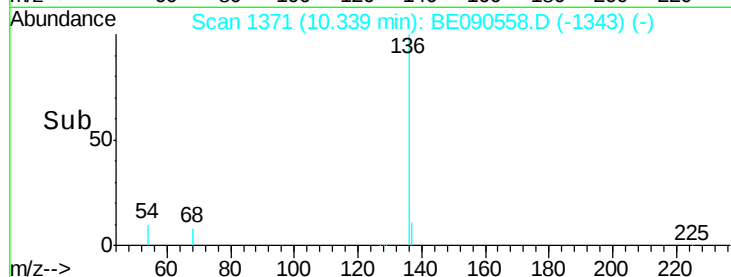
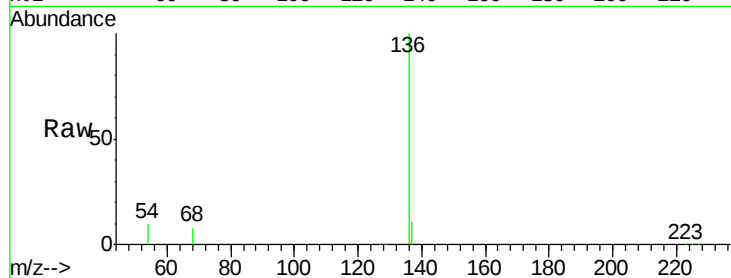




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

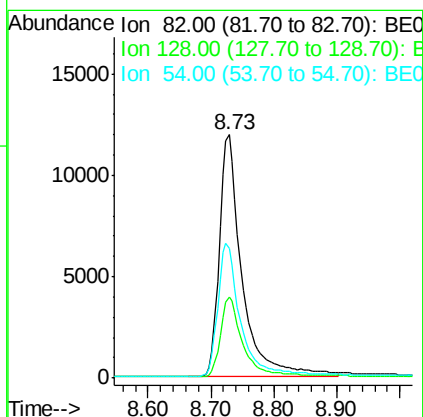
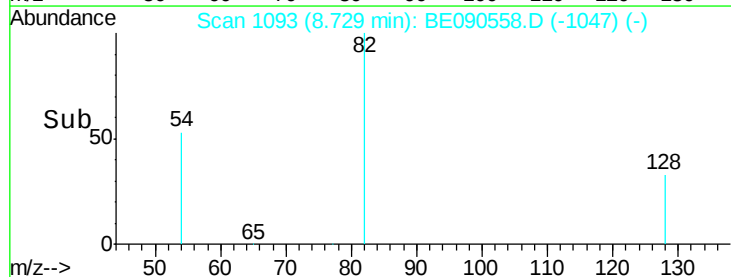
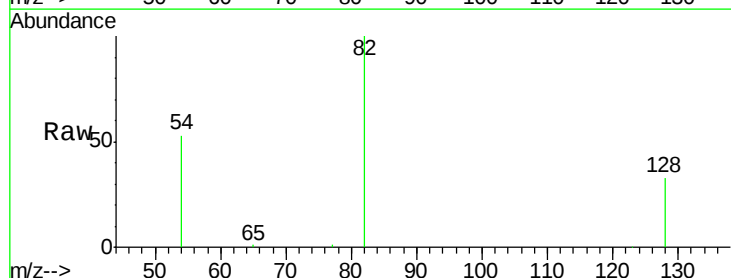
Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

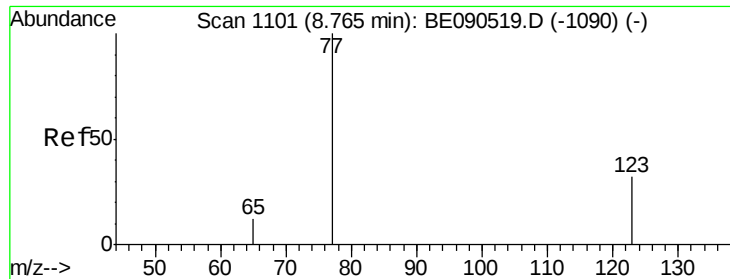
Tgt Ion:	136	Resp:	111937
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.2	9.4	14.0
68	7.7	6.5	9.7



#7
Nitrobenzene-d5
Concen: 3.36 ng
RT: 8.73 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:	82	Resp:	30008
Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.0	37.6
54	53.2	48.8	73.2





#8

Nitrobenzene

Concen: 0.01 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

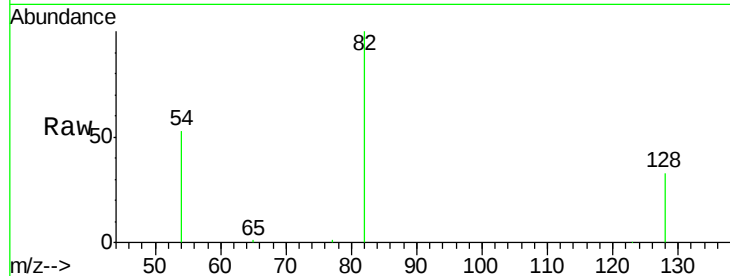
Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

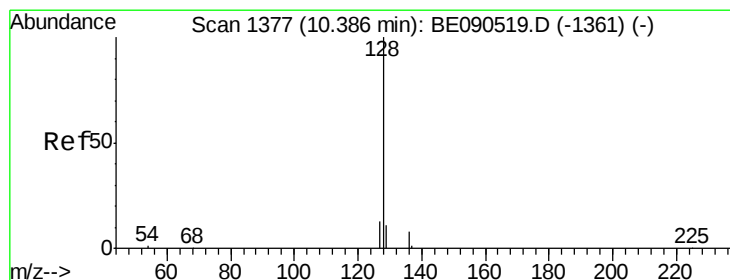
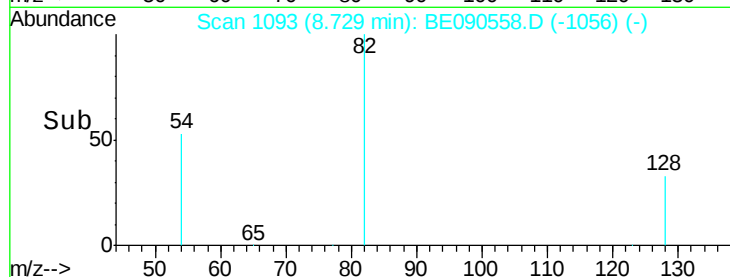
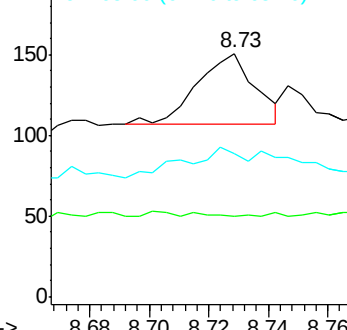
77 100

123 0.0 25.1 37.7#

65 42.4 9.3 13.9#



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: 0.01 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

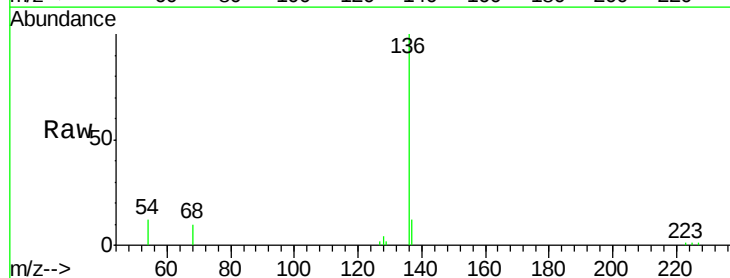
Tgt Ion: 128 Resp: 169

Ion Ratio Lower Upper

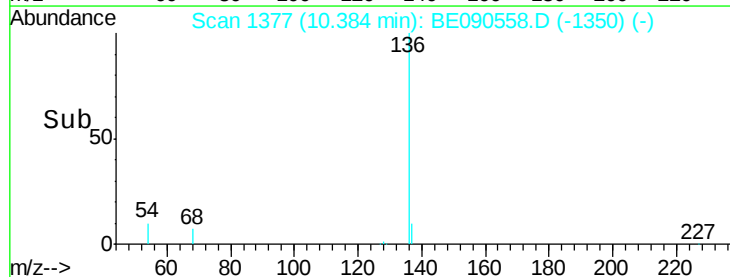
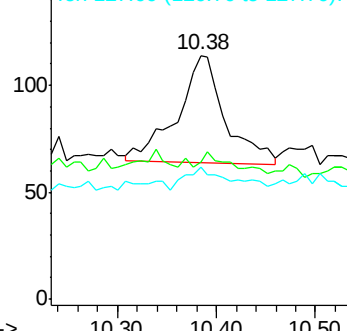
128 100

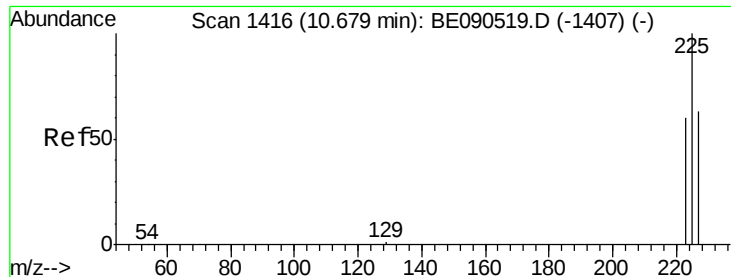
129 56.1 9.8 14.6#

127 54.4 10.6 16.0#



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

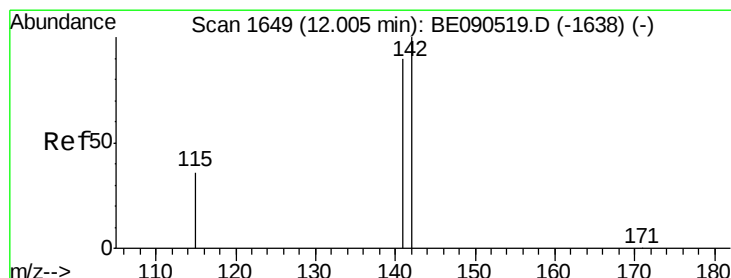
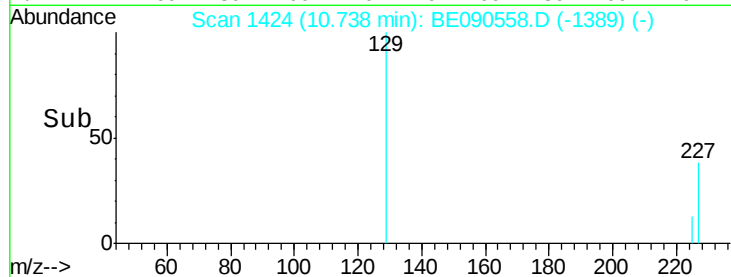
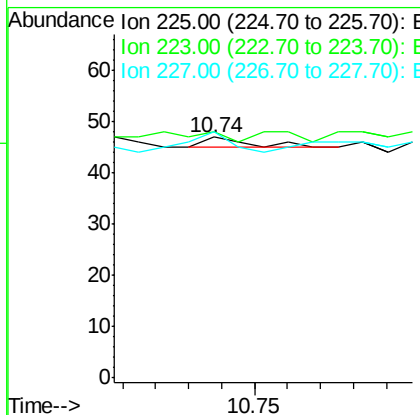
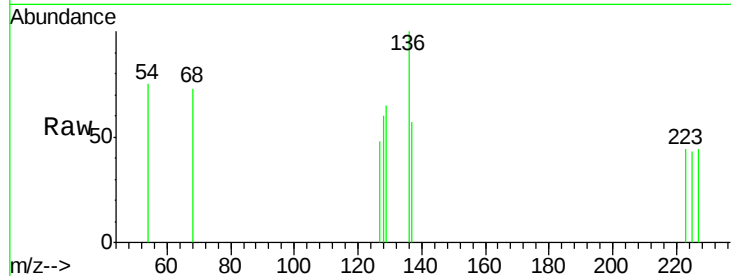




#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.74 min Scan# 1424
Delta R.T. 0.06 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

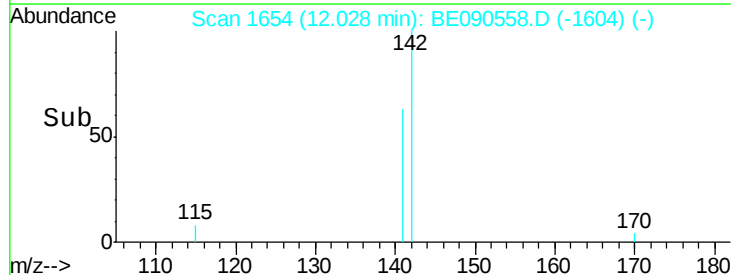
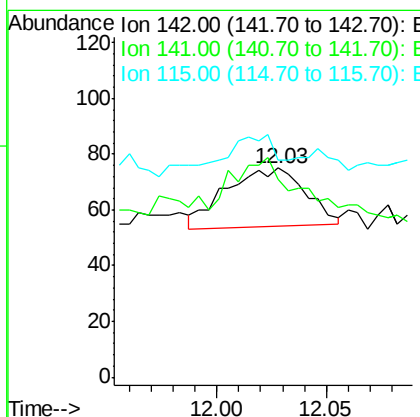
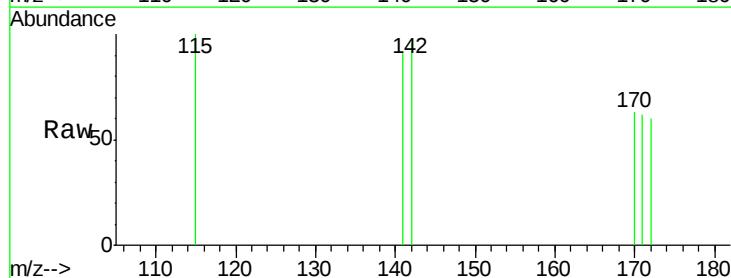
Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

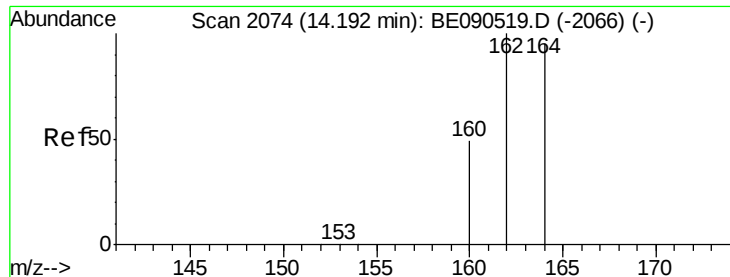
Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 100.0 50.6 75.8#
227 200.0 50.7 76.1#



#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.03 min Scan# 1654
Delta R.T. 0.03 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion: 142 Resp: 53
Ion Ratio Lower Upper
142 100
141 94.7 72.6 109.0
115 104.0 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: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

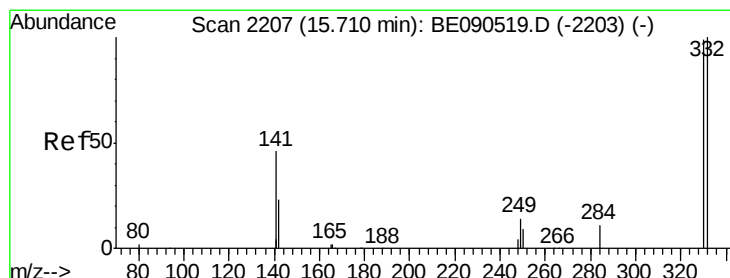
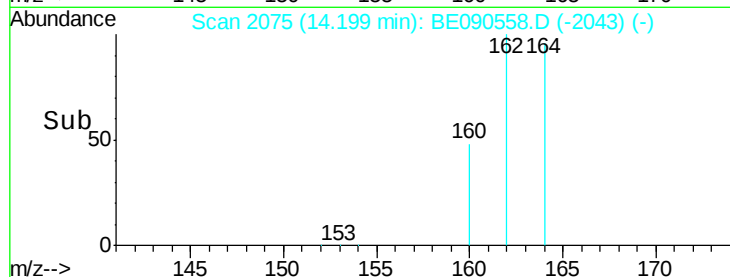
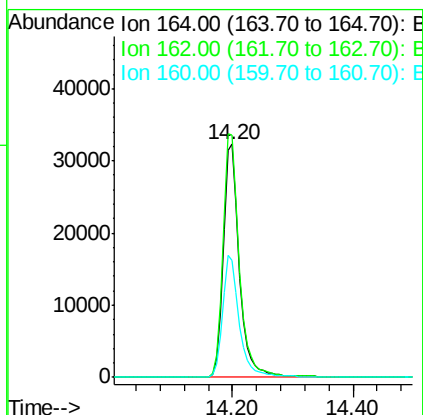
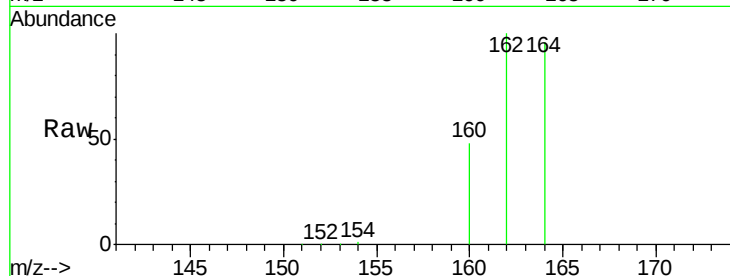
Tgt Ion:164 Resp: 60609

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

160 50.1 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 8.13 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

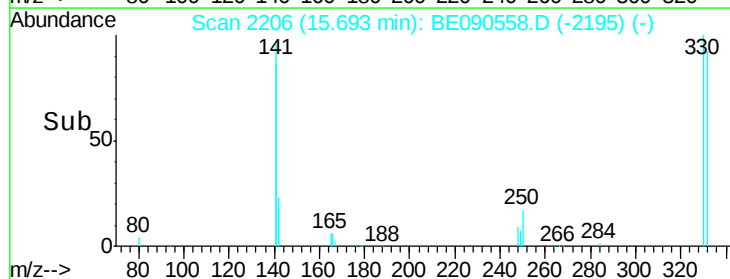
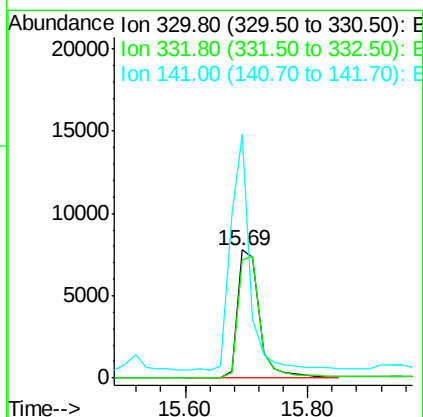
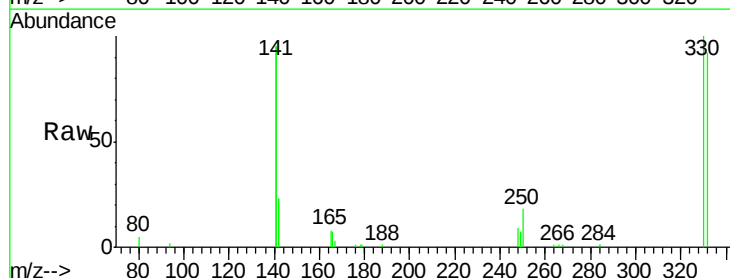
Tgt Ion:330 Resp: 18963

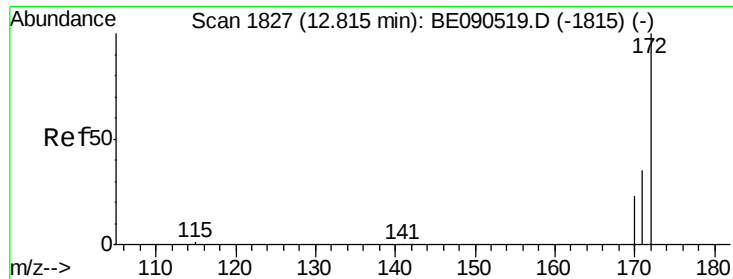
Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.6

141 165.1 114.4 171.6

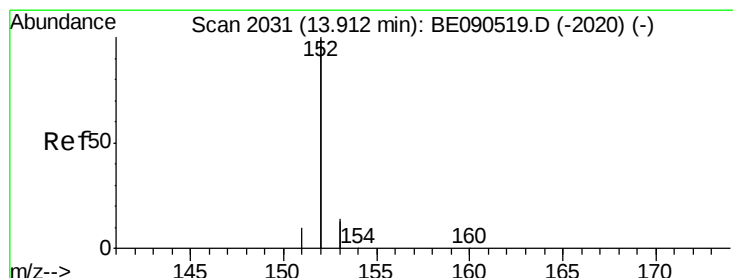
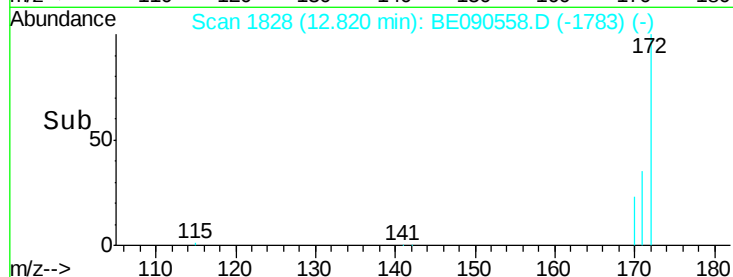
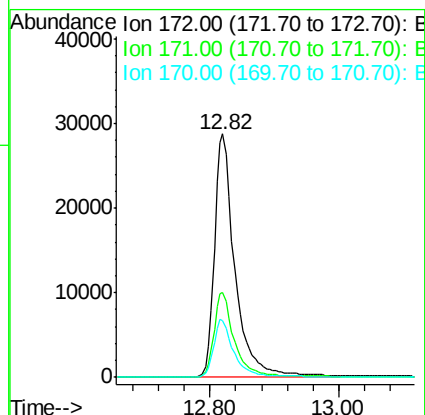
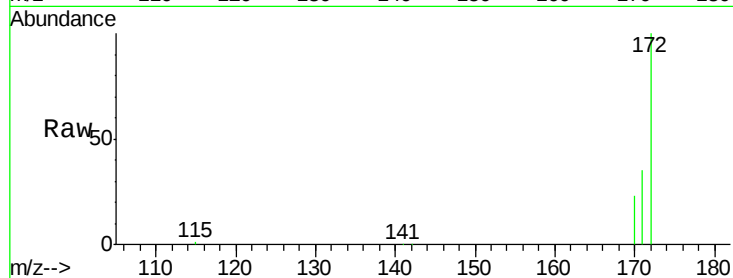




#14
2-Fluorobiphenyl
Concen: 3.52 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

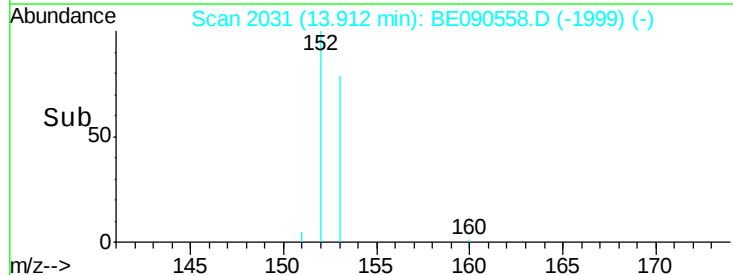
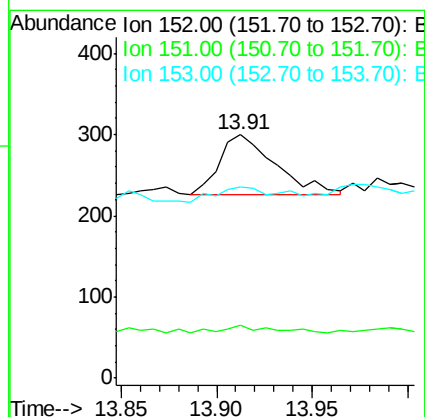
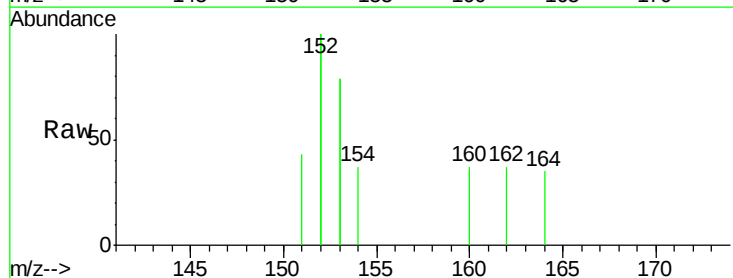
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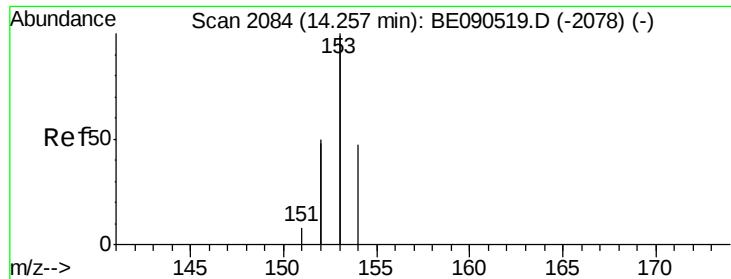
Tgt Ion:172 Resp: 63743
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.1 19.8 29.8



#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:152 Resp: 150
Ion Ratio Lower Upper
152 100
151 10.7 3.8 5.8#
153 20.7 10.3 15.5#





#16

Acenaphthene

Concen: 0.00 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

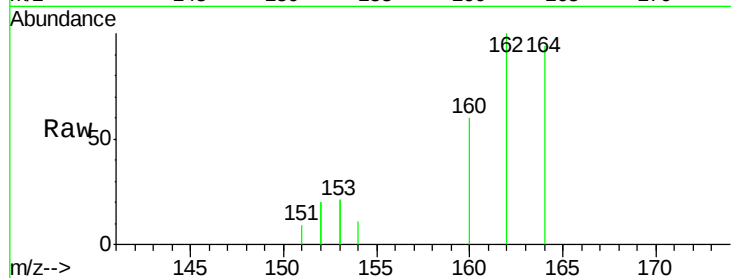
Tgt Ion:154 Resp: 34

Ion Ratio Lower Upper

154 100

153 411.8 376.2 564.2

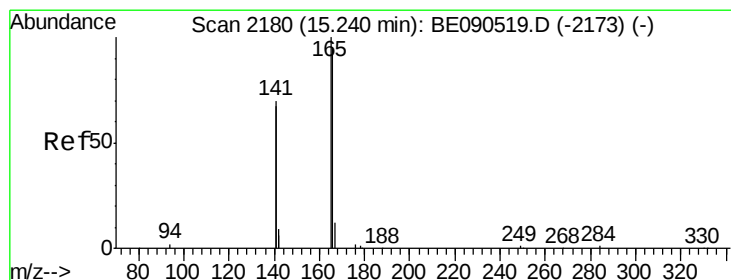
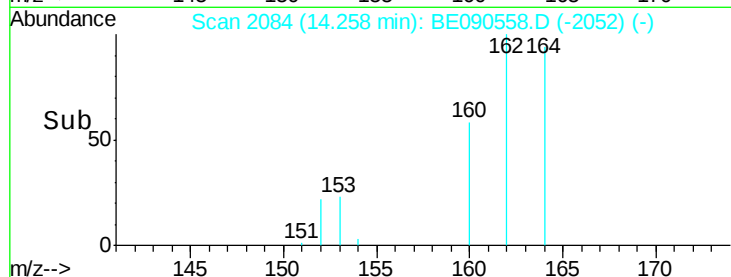
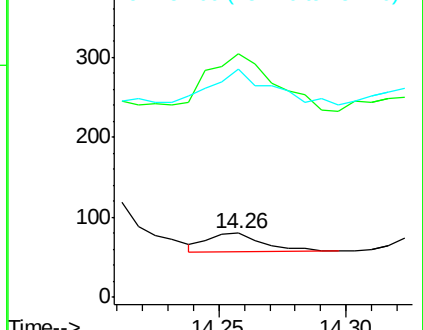
152 238.2 235.0 352.4



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: BE090558.D

Acq: 18 Aug 2015 17:33

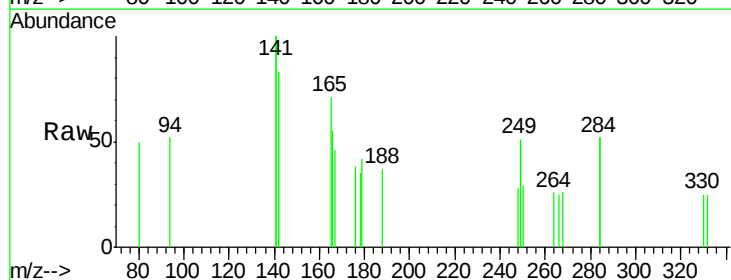
Tgt Ion:166 Resp: 267

Ion Ratio Lower Upper

166 100

165 76.8 81.5 122.3#

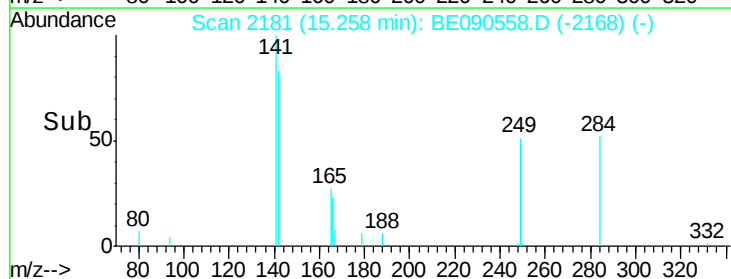
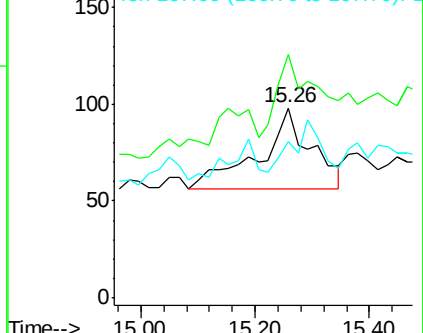
167 0.0 11.4 17.0#

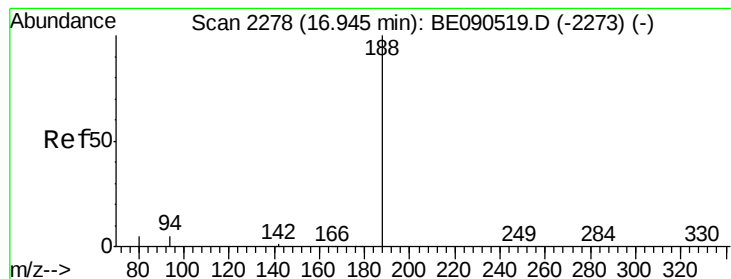


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

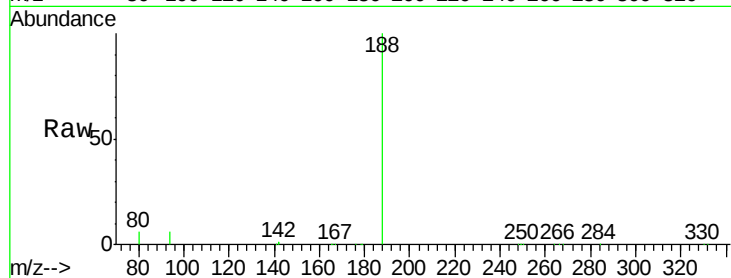
Tgt Ion:188 Resp: 129968

Ion Ratio Lower Upper

188 100

94 5.7 5.7 8.5

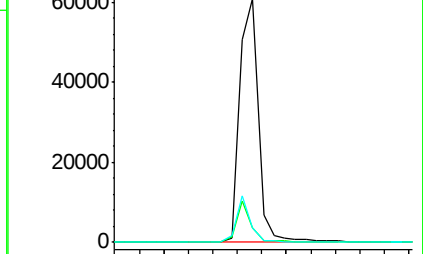
80 5.7 5.8 8.8#



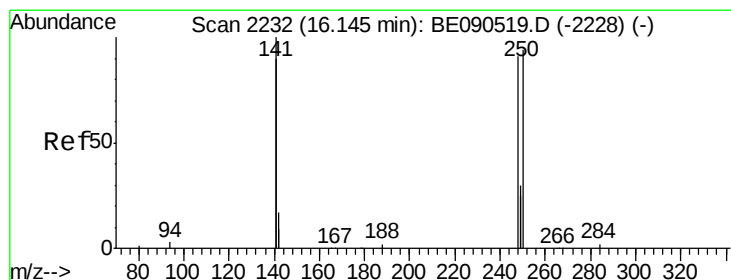
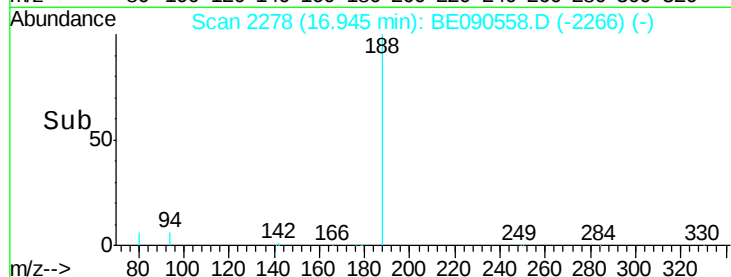
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.21 min Scan# 2236

Delta R.T. 0.07 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

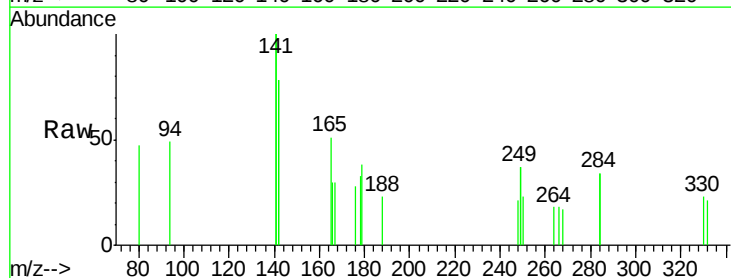
Tgt Ion:248 Resp: 22

Ion Ratio Lower Upper

248 100

250 104.5 79.0 118.6

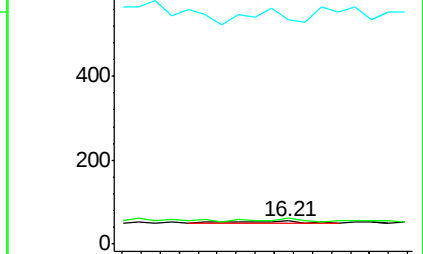
141 472.7 239.5 359.3#



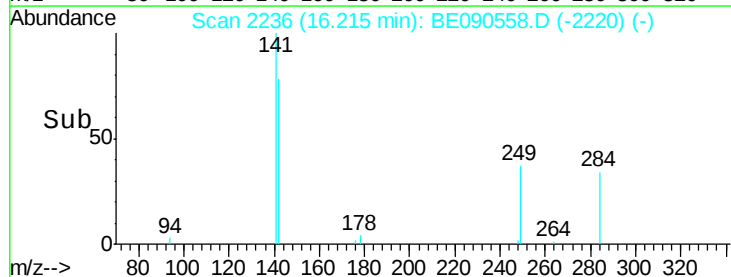
Abundance Ion 248.00 (247.70 to 248.70): E

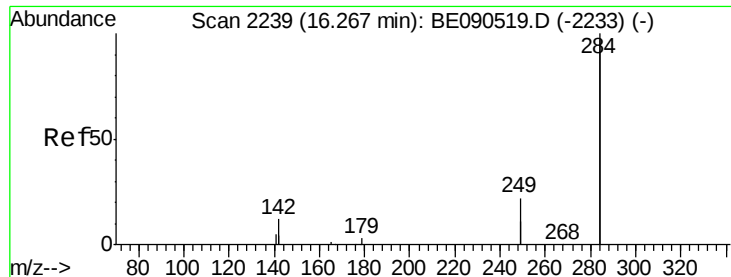
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.27 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

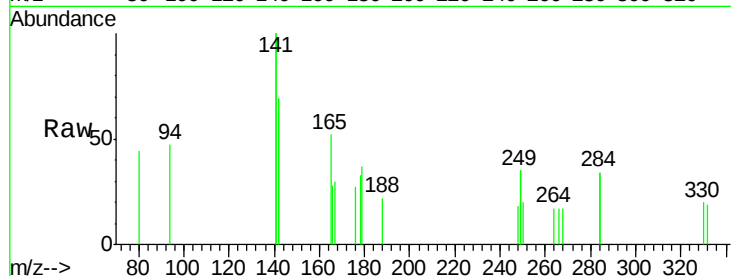
Tgt Ion:284 Resp: 25

Ion Ratio Lower Upper

284 100

142 0.0 30.1 45.1#

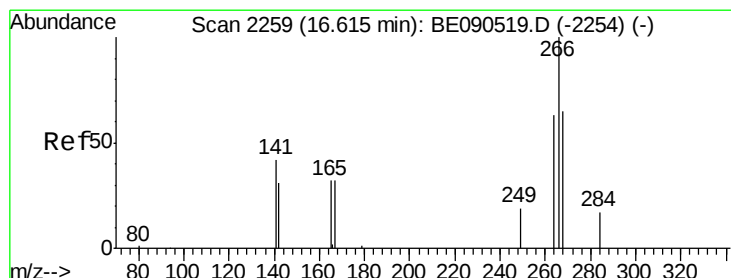
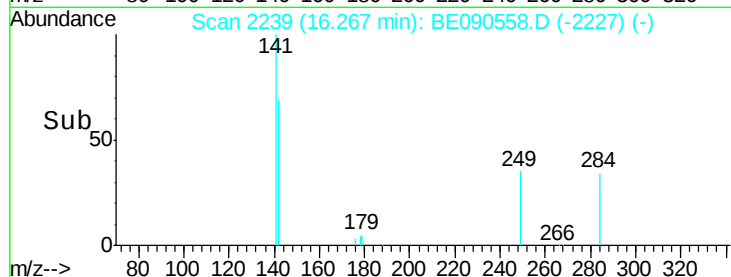
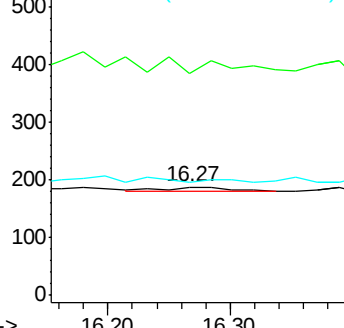
249 0.0 25.7 38.5#



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: BE090558.D

Acq: 18 Aug 2015 17:33

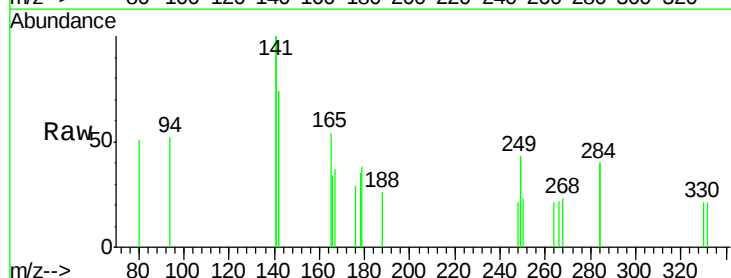
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

268 103.9 58.5 87.7#

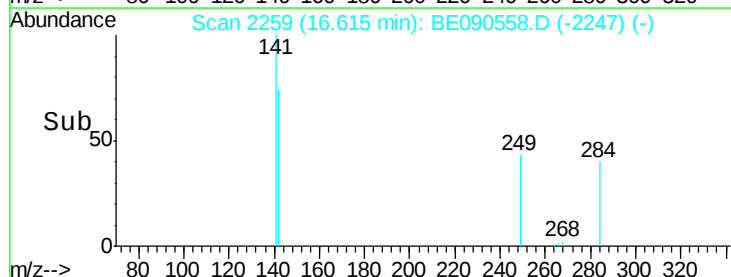
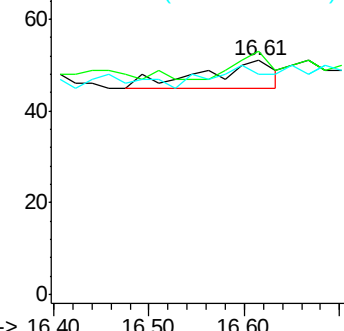
264 94.1 56.0 84.0#

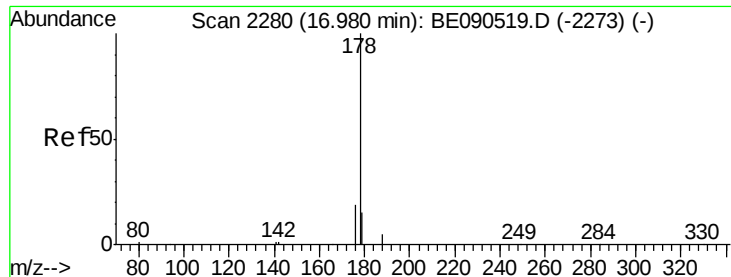


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

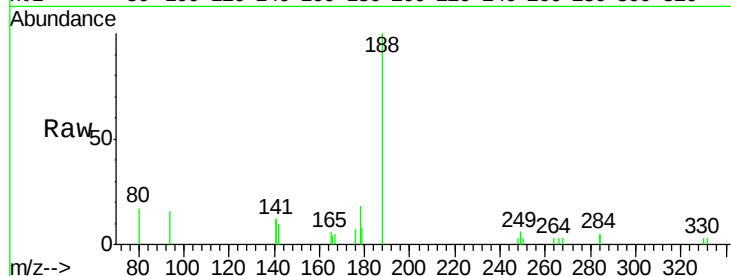
Tgt Ion:178 Resp: 477

Ion Ratio Lower Upper

178 100

176 23.9 15.4 23.2#

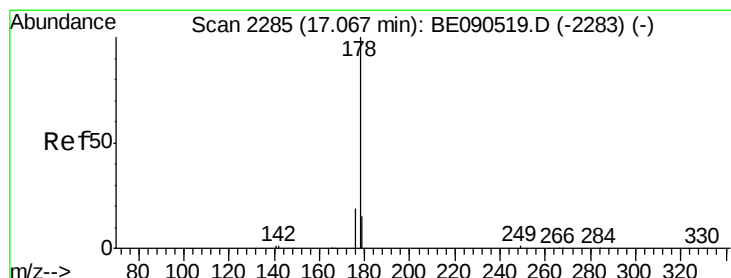
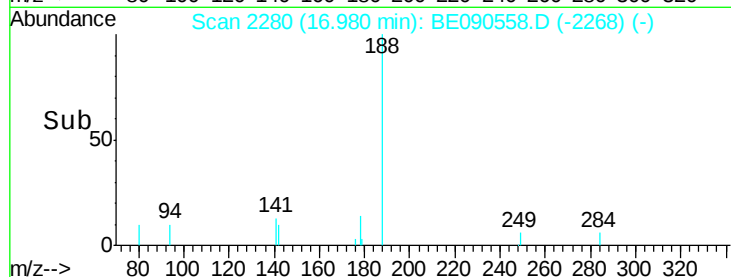
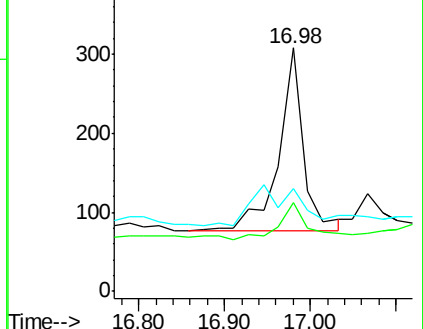
179 0.0 12.5 18.7#



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: BE090558.D

Acq: 18 Aug 2015 17:33

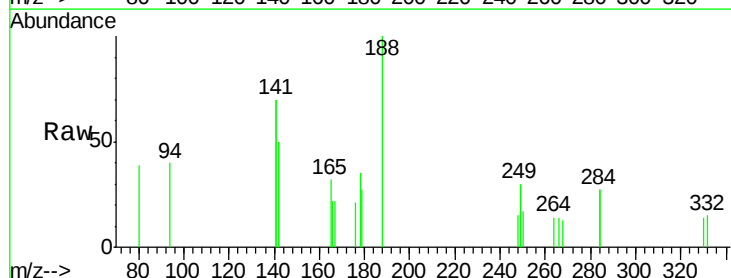
Tgt Ion:178 Resp: 106

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

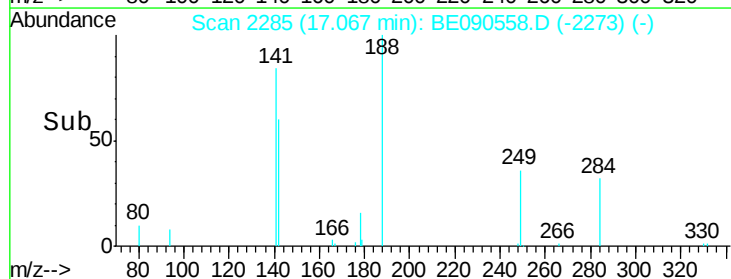
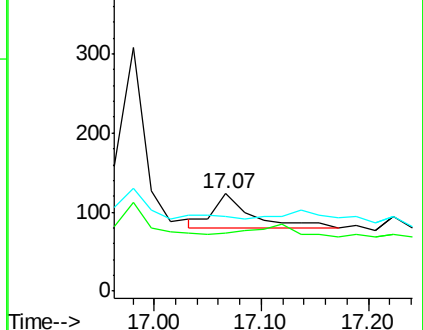
179 0.0 12.2 18.4#

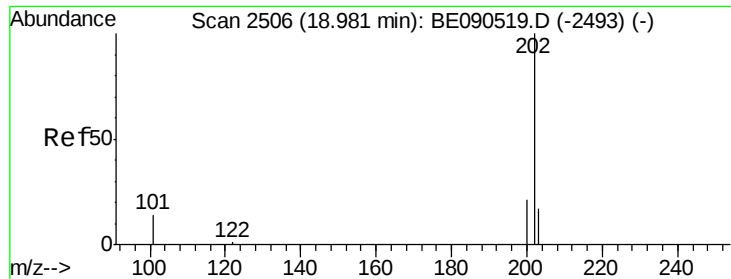


Abundance Ion 178.00 (177.70 to 178.70): E

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: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

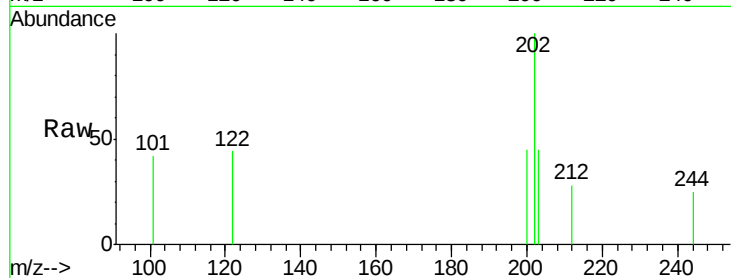
Tgt Ion:202 Resp: 252

Ion Ratio Lower Upper

202 100

101 20.6 10.3 15.5#

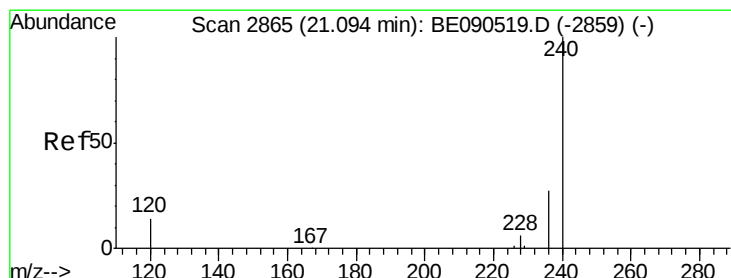
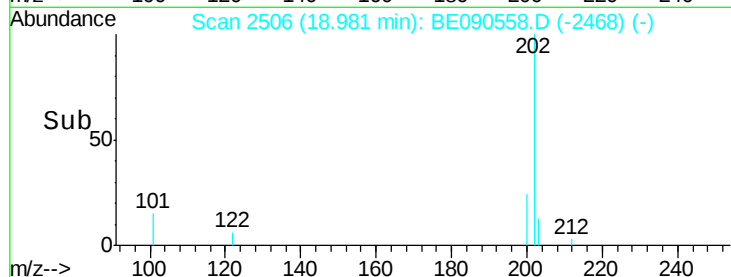
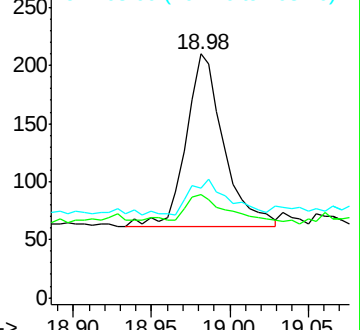
203 19.4 13.7 20.5



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: BE090558.D

Acq: 18 Aug 2015 17:33

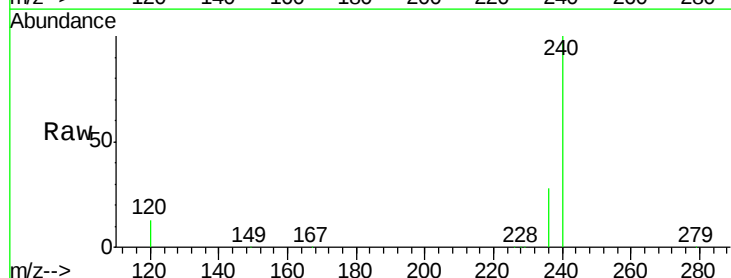
Tgt Ion:240 Resp: 125383

Ion Ratio Lower Upper

240 100

120 13.4 8.3 12.5#

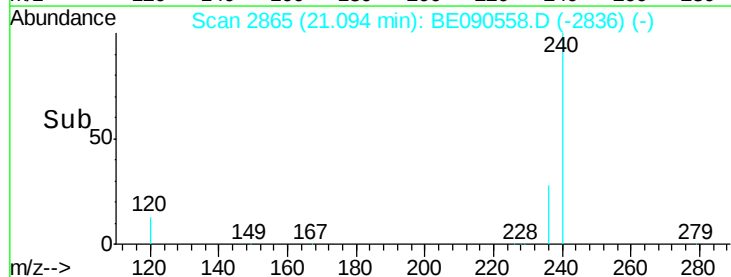
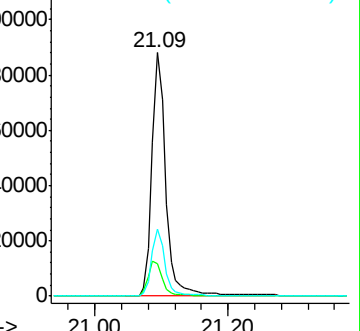
236 27.6 21.0 31.4

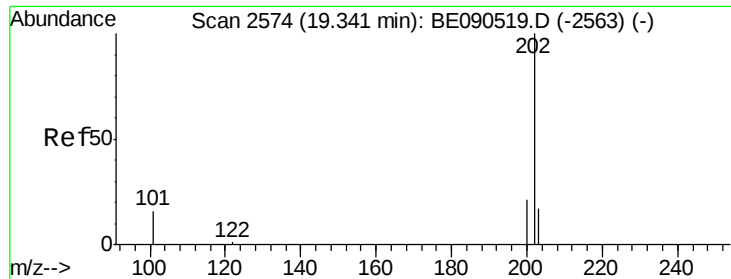


Abundance Ion 240.00 (239.70 to 240.70): E

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: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

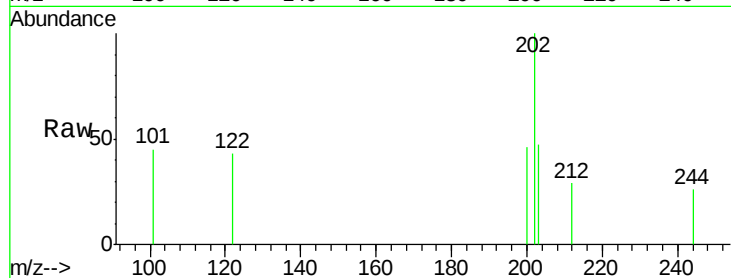
Tgt Ion:202 Resp: 231

Ion Ratio Lower Upper

202 100

200 29.0 16.7 25.1#

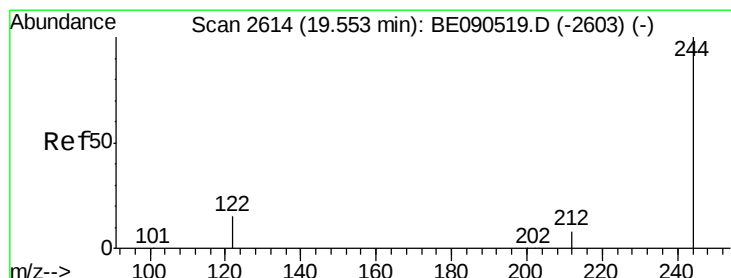
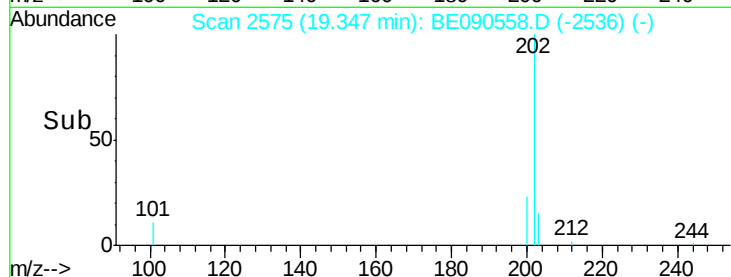
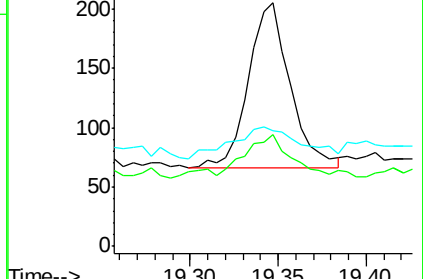
203 31.2 13.8 20.8#



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



#27

Terphenyl-d14

Concen: 4.03 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

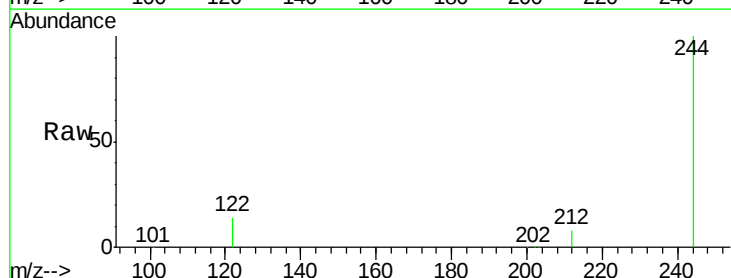
Tgt Ion:244 Resp: 92474

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

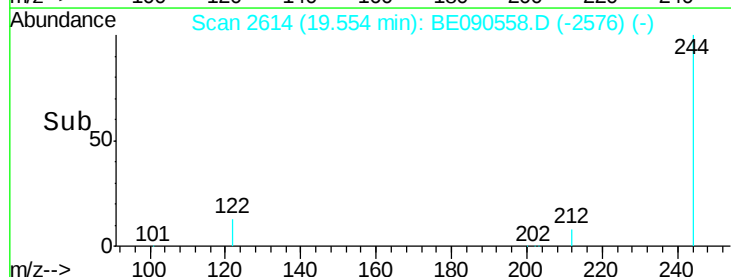
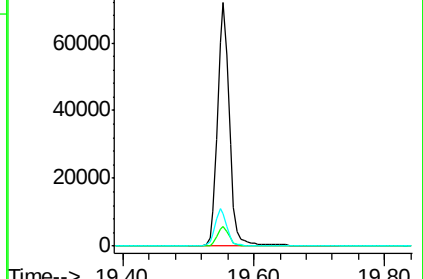
122 13.5 10.2 15.4

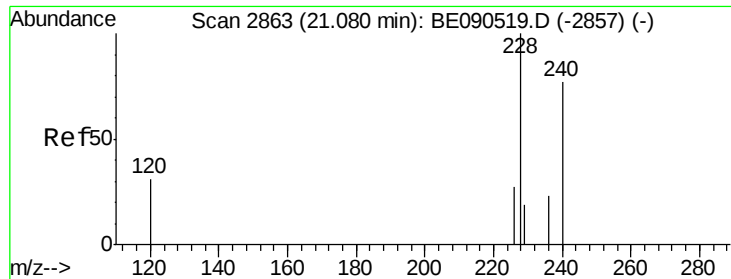


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.02 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

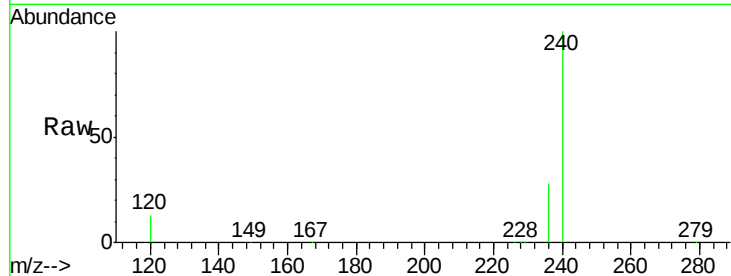
Tgt Ion:228 Resp: 478

Ion Ratio Lower Upper

228 100

226 30.2 21.9 32.9

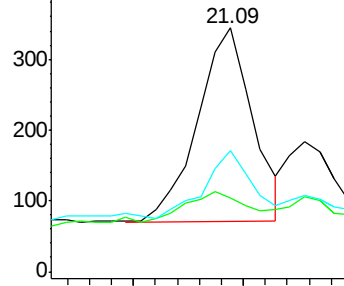
229 49.7 15.4 23.0#



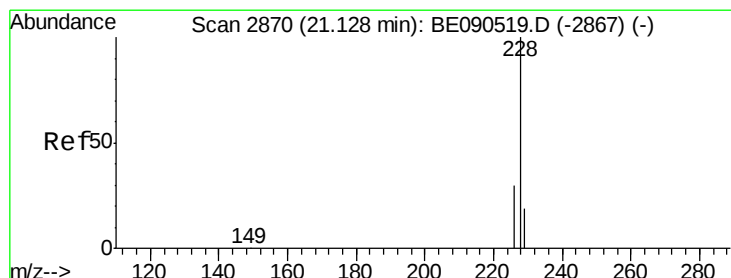
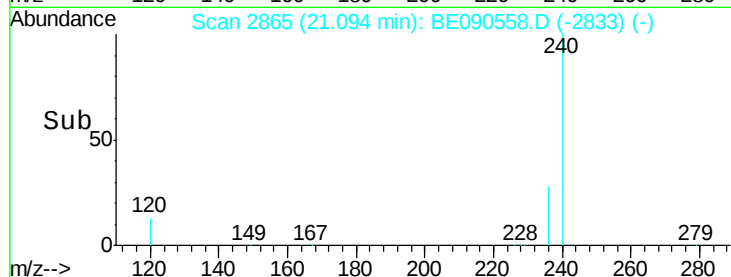
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#29

Chrysene

Concen: 0.01 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

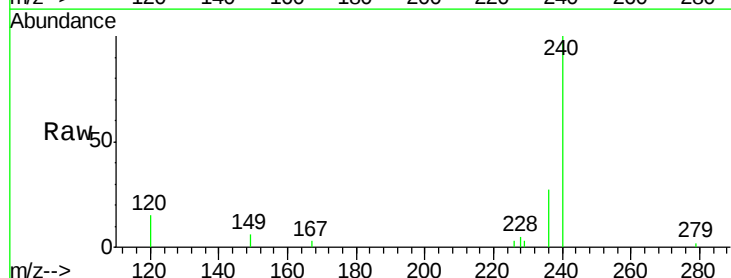
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 57.4 23.1 34.7#

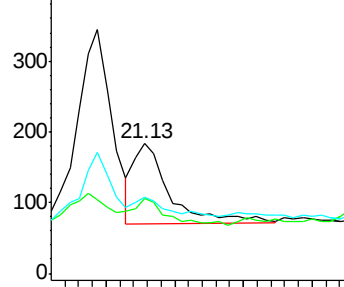
229 58.5 15.8 23.8#



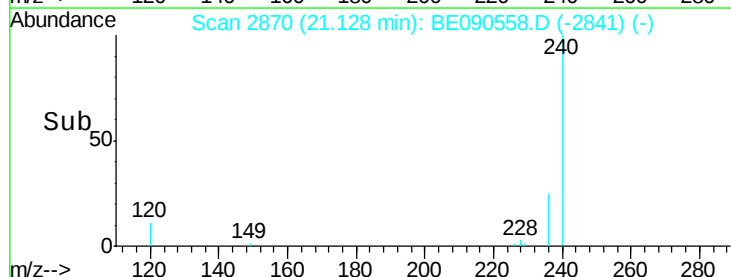
Abundance Ion 228.00 (227.70 to 228.70): E

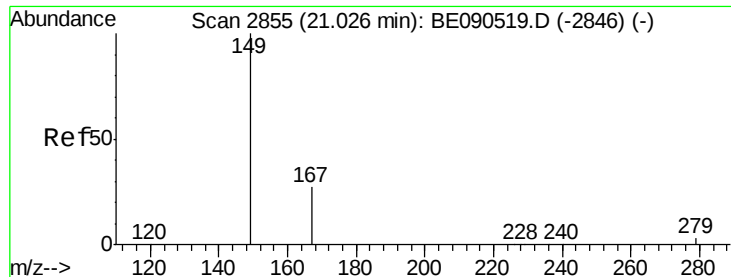
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

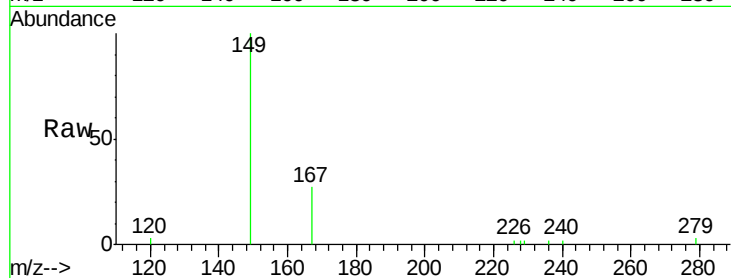
Tgt Ion:149 Resp: 4062

Ion Ratio Lower Upper

149 100

167 24.5 19.8 29.8

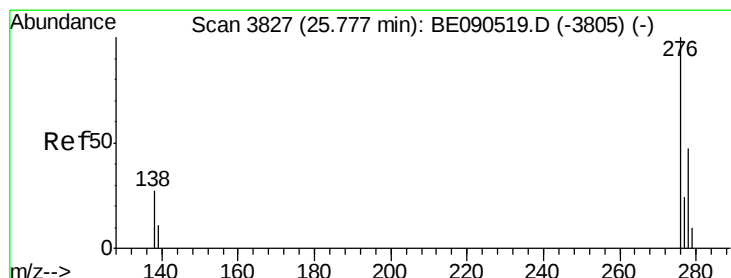
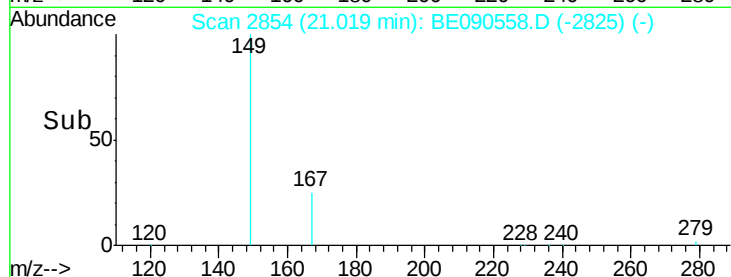
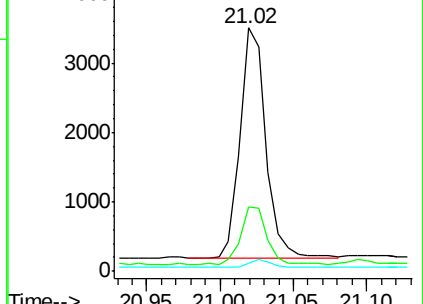
279 3.5 2.4 3.6



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: 0.01 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.01 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

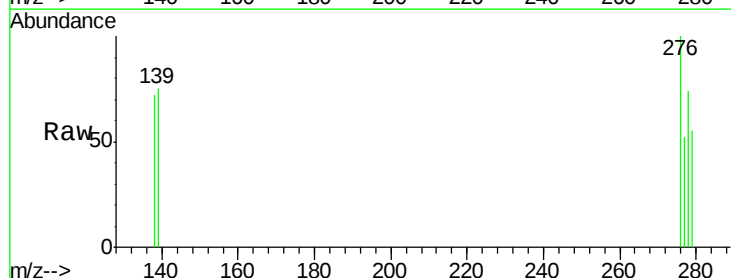
Tgt Ion:276 Resp: 431

Ion Ratio Lower Upper

276 100

138 5.6 18.8 28.2#

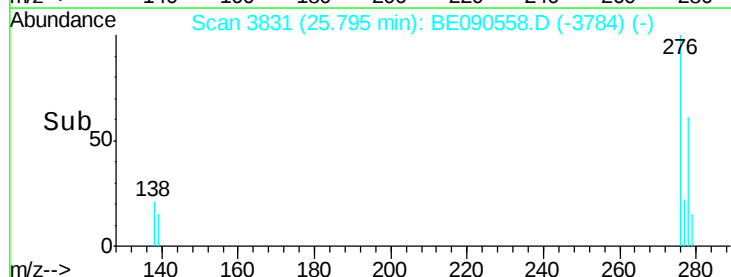
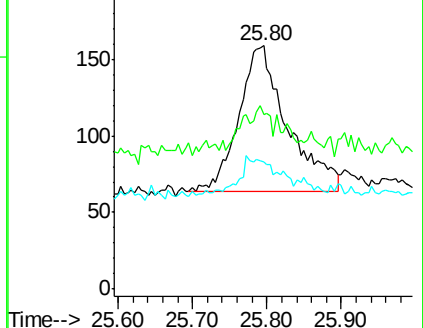
277 0.0 18.2 27.4#

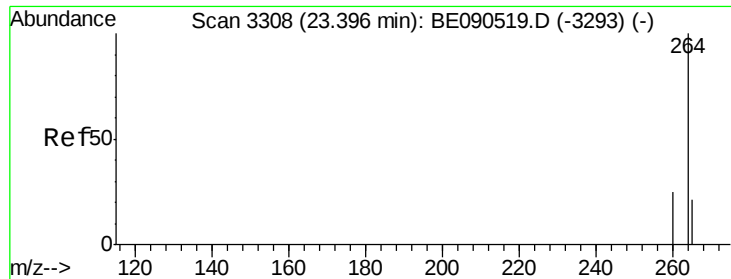


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

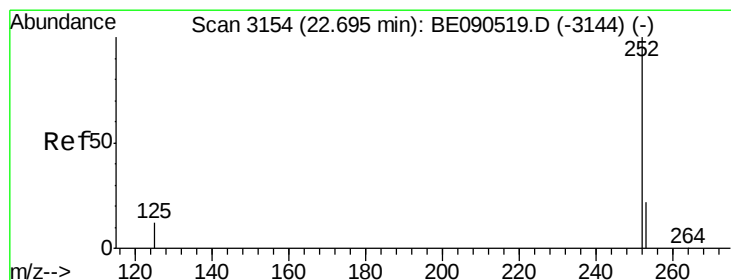
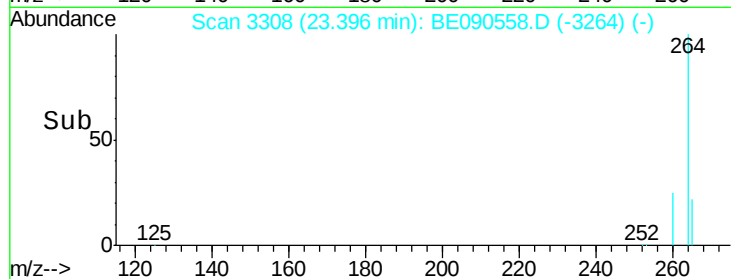
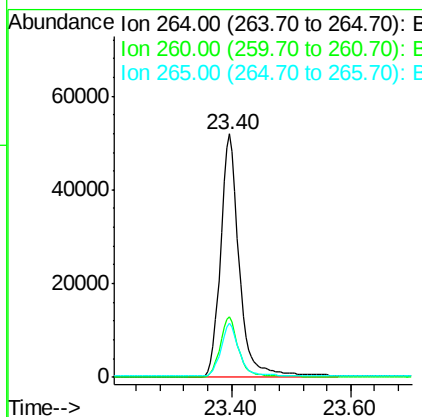
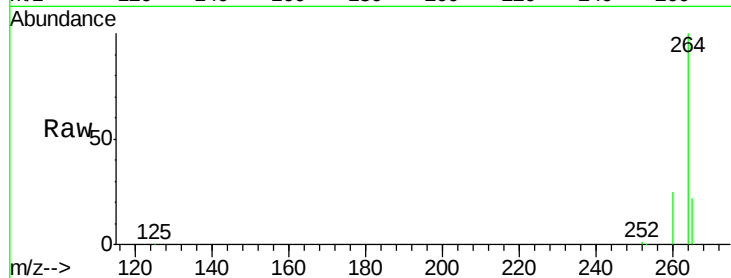




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090558.D
 Acq: 18 Aug 2015 17:33

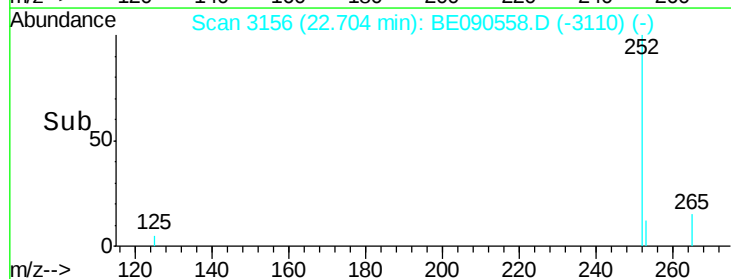
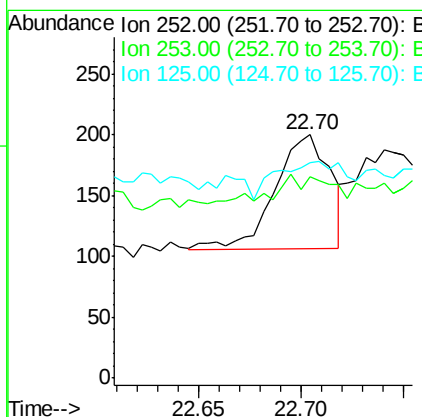
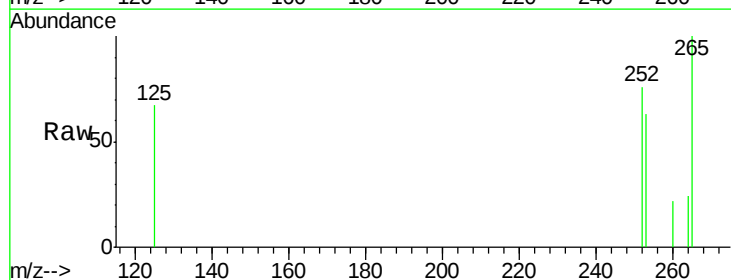
Instrument :
 BNA_E
 ClientSampleId :
 081515-D534-F-D-S

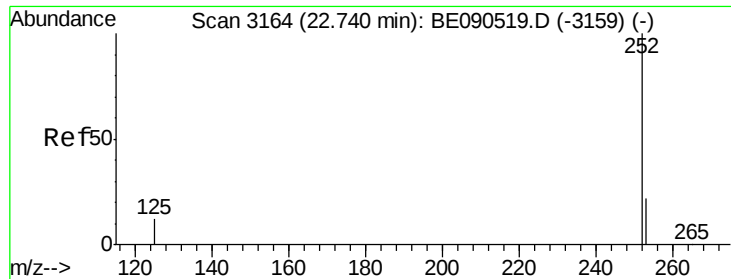
Tgt Ion:264 Resp: 114377
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 22.1 17.2 25.8



#33
Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.70 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BE090558.D
 Acq: 18 Aug 2015 17:33

Tgt Ion:252 Resp: 176
 Ion Ratio Lower Upper
 252 100
 253 82.5 18.1 27.1#
 125 88.5 9.4 14.2#





#34

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

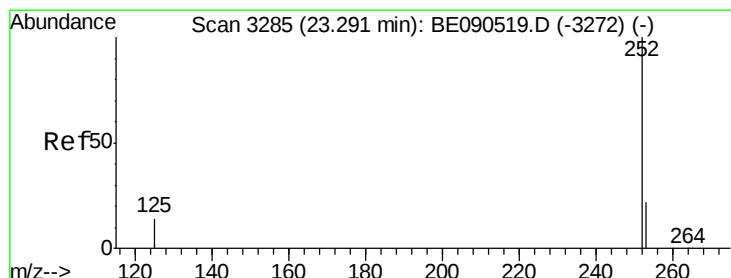
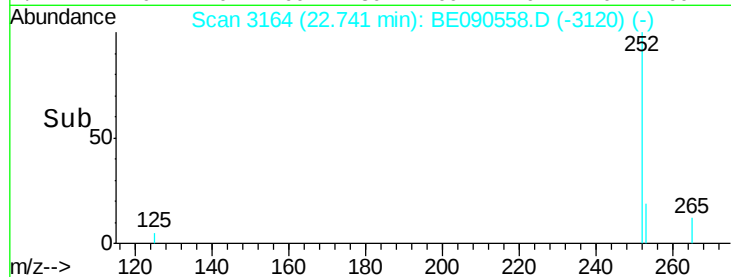
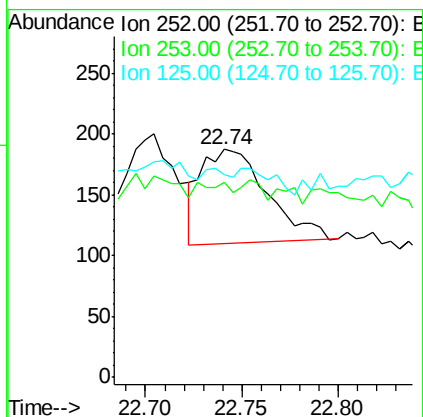
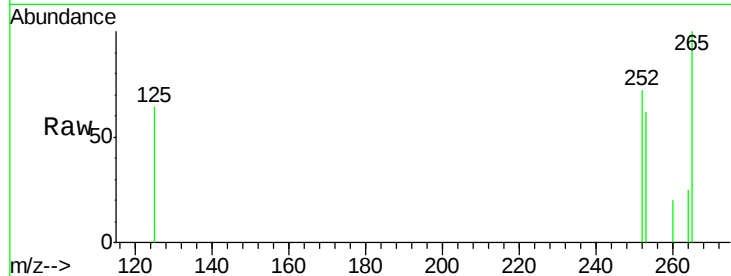
Tgt Ion:252 Resp: 182

Ion Ratio Lower Upper

252 100

253 85.6 18.1 27.1#

125 88.8 9.1 13.7#



#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

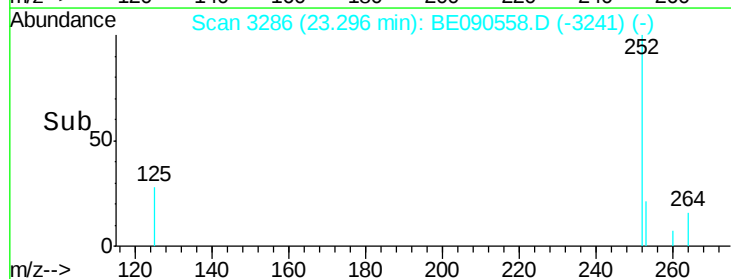
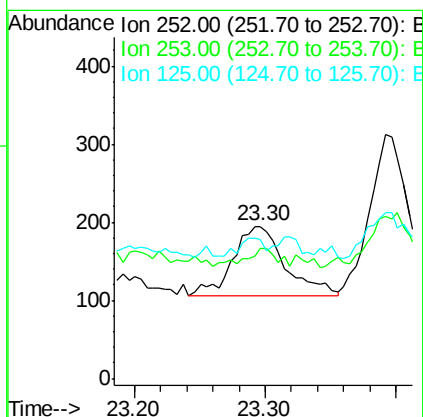
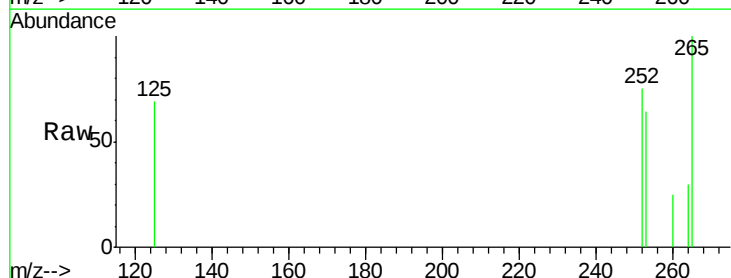
Tgt Ion:252 Resp: 245

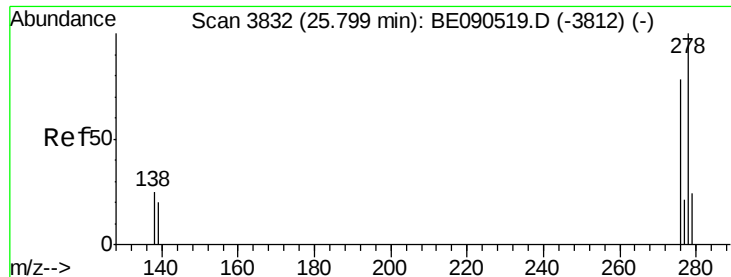
Ion Ratio Lower Upper

252 100

253 85.1 17.6 26.4#

125 91.3 9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.01 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

081515-D534-F-D-S

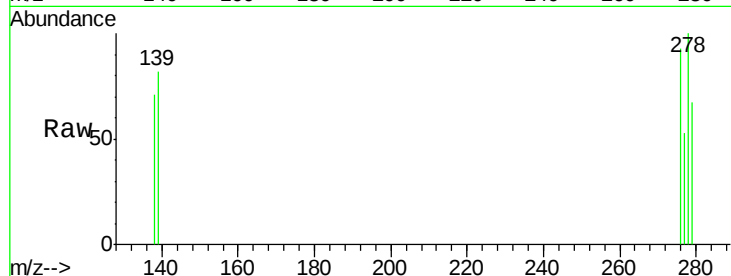
Tgt Ion: 278 Resp: 305

Ion Ratio Lower Upper

278 100

139 82.3 14.2 21.4#

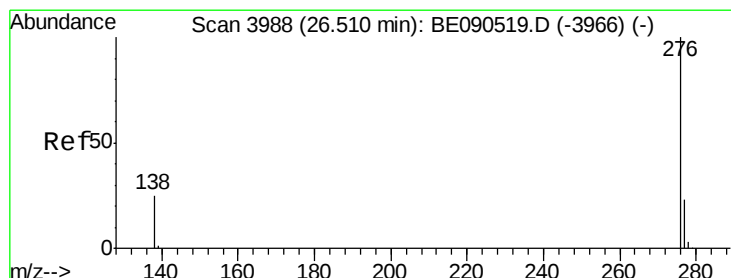
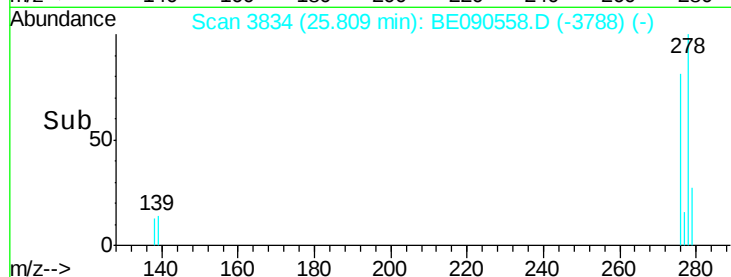
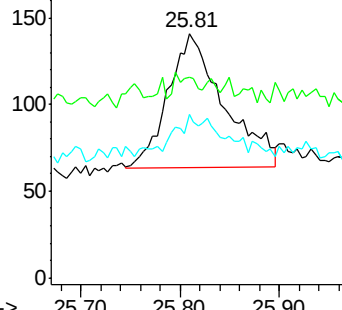
279 66.7 20.1 30.1#



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: 0.01 ng

RT: 26.52 min Scan# 3990

Delta R.T. 0.01 min

Lab File: BE090558.D

Acq: 18 Aug 2015 17:33

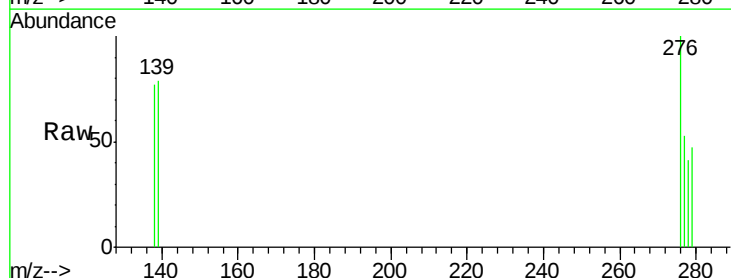
Tgt Ion: 276 Resp: 346

Ion Ratio Lower Upper

276 100

277 52.7 20.1 30.1#

138 77.3 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

