

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090565.D
 Acq On : 18 Aug 2015 21:53
 Operator : UM/IZ
 Sample : G3329-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-B

Quant Time: Aug 19 02:35:36 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	22447	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	112109	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61298	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	134833	5.00	ng	0.00
25) Chrysene-d12	21.09	240	134559	5.00	ng	0.00
32) Perylene-d12	23.40	264	122151	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17823	2.75	ng	0.00
5) Phenol-d6	6.78	99	14998	1.57	ng	0.00
7) Nitrobenzene-d5	8.73	82	29208	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	19714	8.36	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	63502	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	93804	3.81	ng	0.00

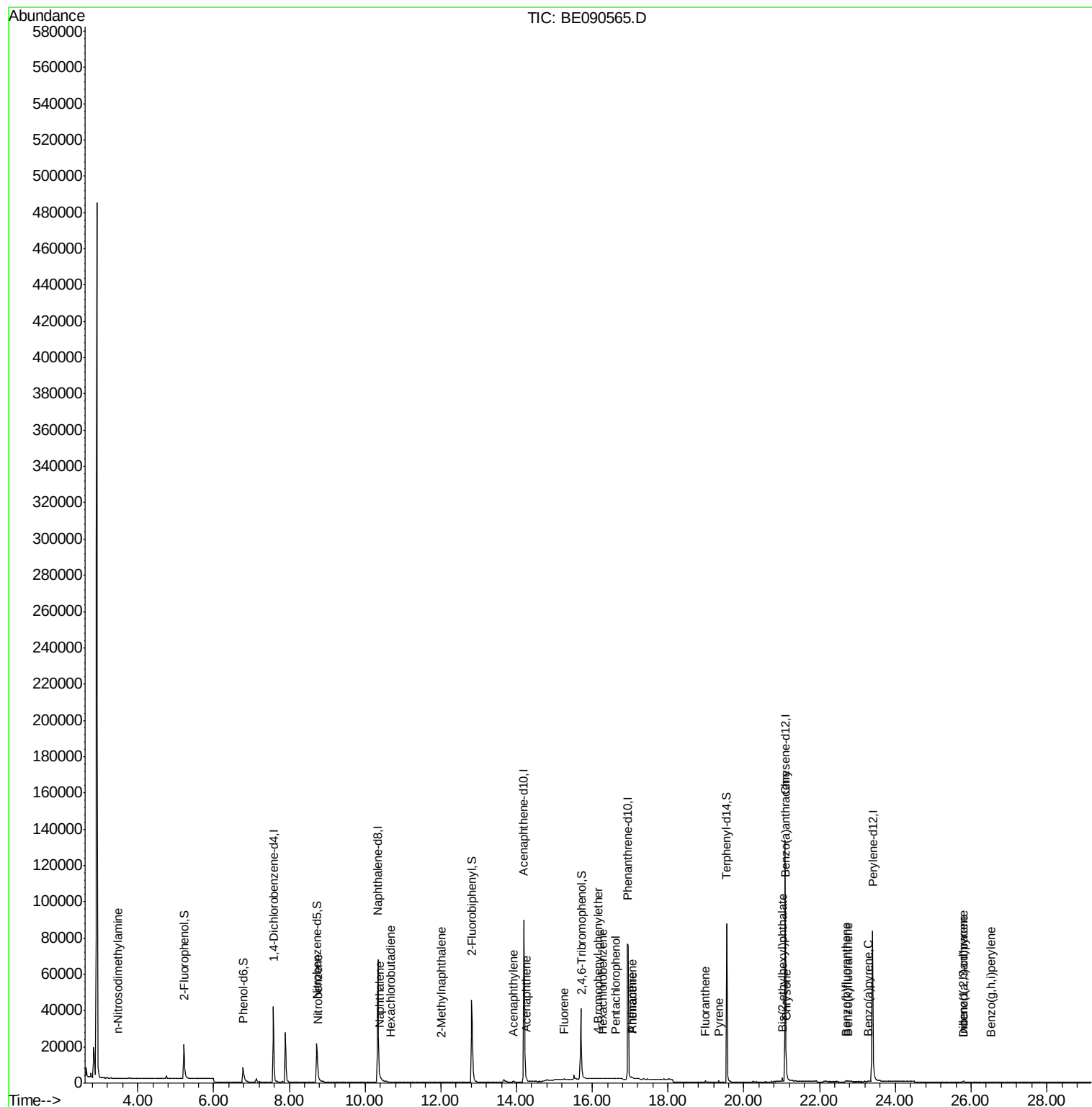
Target Compounds				Qvalue			
2) 1,4-Dioxane	3.25	88	12	Below Cal	#	15	
3) n-Nitrosodimethylamine	3.48	42	12	0.00 ng	#	10	
8) Nitrobenzene	8.76	77	36	0.00 ng	#	64	
9) Naphthalene	10.38	128	332	0.01 ng	#	38	
10) Hexachlorobutadiene	10.68	225	31	0.01 ng	#	84	
11) 2-Methylnaphthalene	12.02	142	203	0.01 ng	#	79	
15) Acenaphthylene	13.91	152	717	0.01 ng		97	
16) Acenaphthene	14.26	154	120	0.01 ng	#	84	
17) Fluorene	15.26	166	277	0.01 ng	#	20	
19) 4-Bromophenyl-phenylether	16.14	248	69	0.01 ng	#	3	
20) Hexachlorobenzene	16.27	284	367	0.02 ng	#	73	
21) Pentachlorophenol	16.61	266	65	0.32 ng	#	72	
22) Phenanthrene	17.07	178	384	0.01 ng		96	
23) Anthracene	17.07	178	459	0.01 ng	#	89	
24) Fluoranthene	18.98	202	951	0.03 ng		96	
26) Pyrene	19.34	202	961	0.02 ng		98	
28) Benzo(a)anthracene	21.08	228	1374	0.04 ng	#	86	
29) Chrysene	21.13	228	1162	0.03 ng	#	88	
30) Bis(2-ethylhexyl)phthalate	21.02	149	2402	0.25 ng		99	
31) Indeno(1,2,3-cd)pyrene	25.78	276	853	0.03 ng		93	
33) Benzo(b)fluoranthene	22.70	252	887	0.03 ng	#	45	
34) Benzo(k)fluoranthene	22.74	252	887	0.03 ng	#	51	
35) Benzo(a)pyrene	23.29	252	772	0.03 ng	#	33	
36) Dibenzo(a,h)anthracene	25.81	278	584	0.02 ng	#	25	
37) Benzo(g,h,i)perylene	26.51	276	756	0.03 ng	#	48	

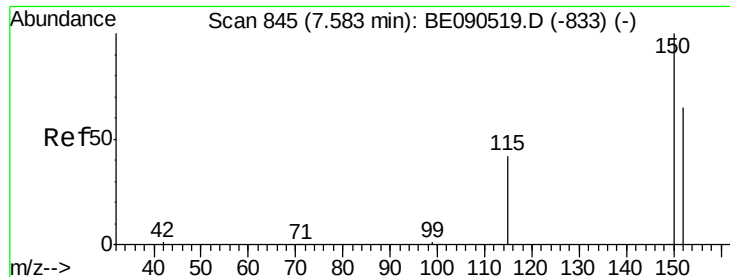
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090565.D
Acq On : 18 Aug 2015 21:53
Operator : UM/IZ
Sample : G3329-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Quant Time: Aug 19 02:35:36 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

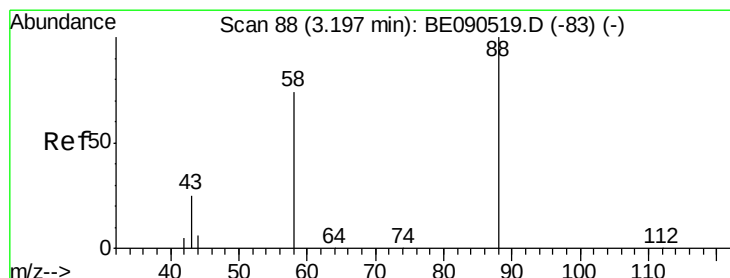
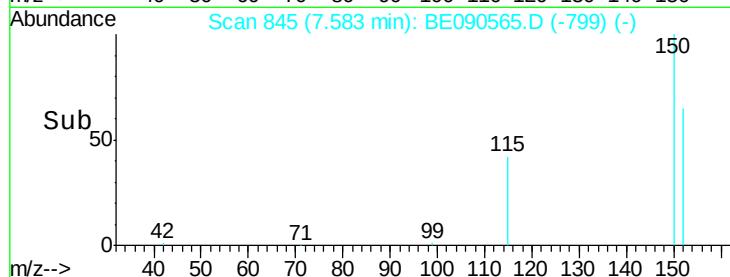
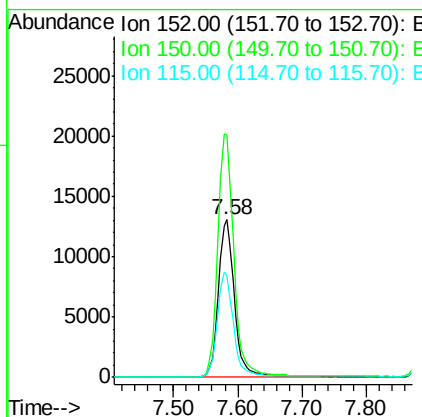
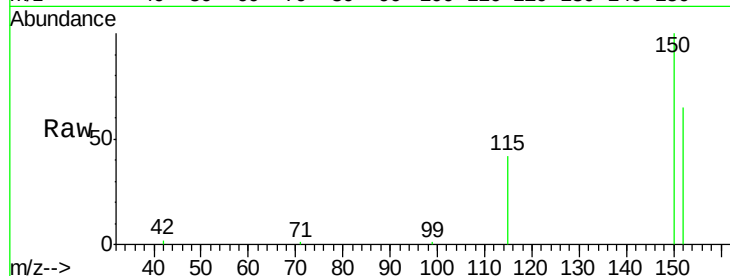




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

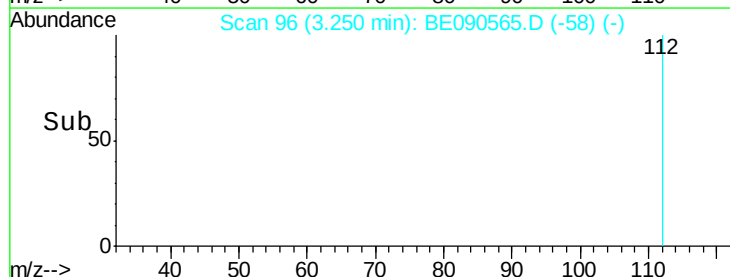
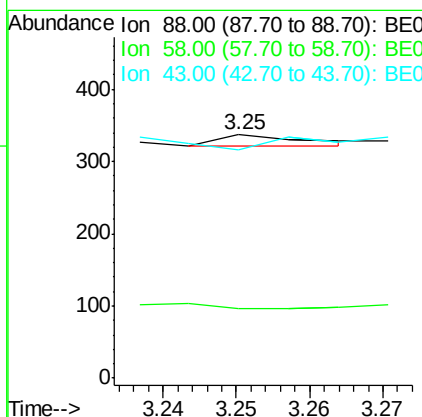
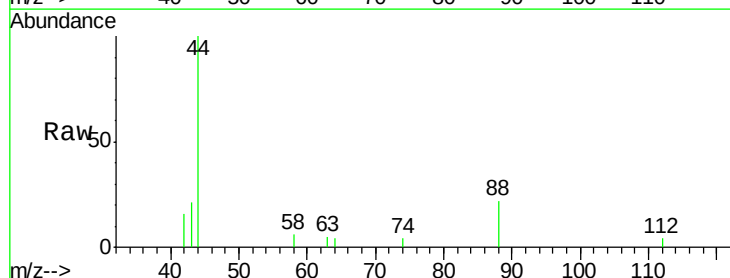
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-B

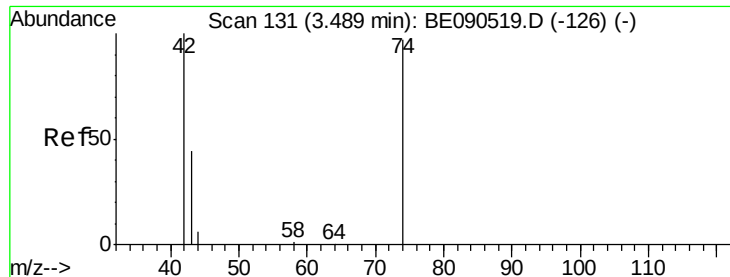
Tgt Ion: 152 Resp: 22447
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.0 184.4
 115 64.8 48.9 73.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.25 min Scan# 96
 Delta R.T. 0.06 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion: 88 Resp: 12
 Ion Ratio Lower Upper
 88 100
 58 0.0 70.0 105.0#
 43 0.0 28.4 42.6#





#3

n-Nitrosodimethylamine

Concen: 0.00 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

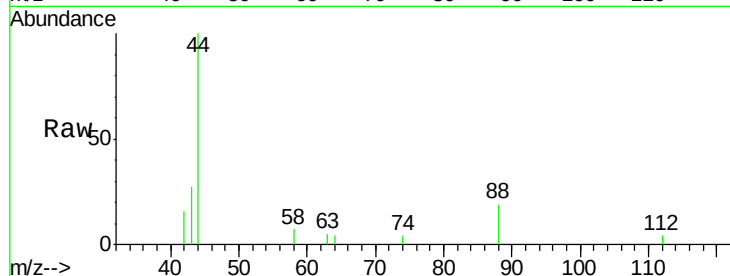
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 75.2 112.8#

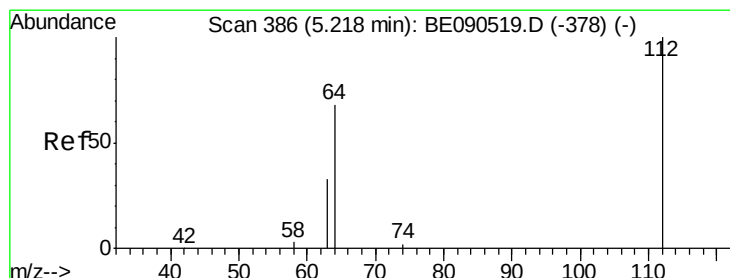
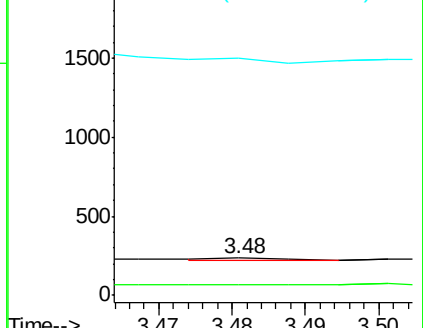
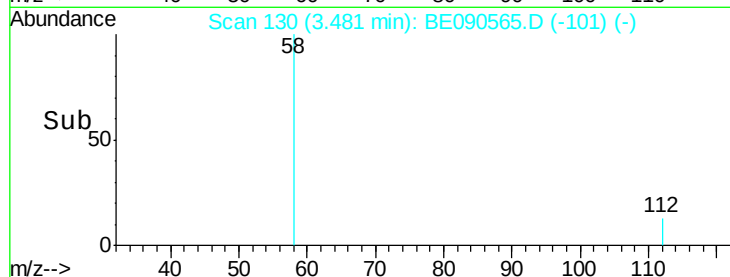
44 0.0 8.7 13.1#



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: 2.75 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

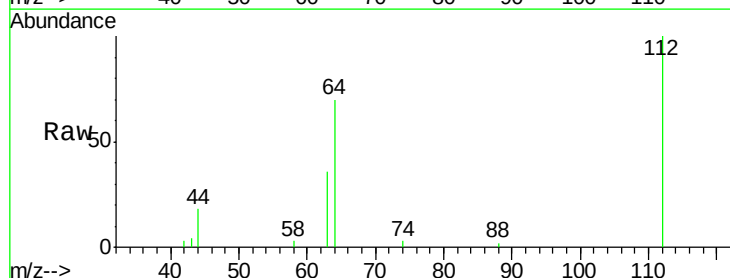
Tgt Ion: 112 Resp: 17823

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

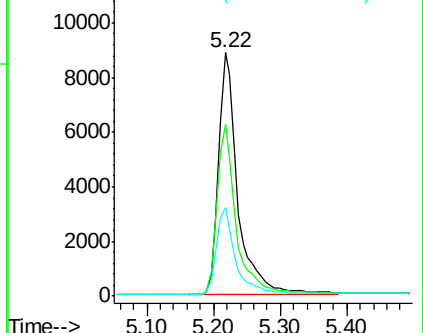
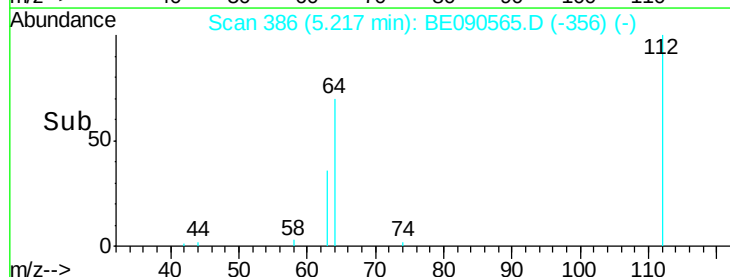
63 35.5 19.5 29.3#

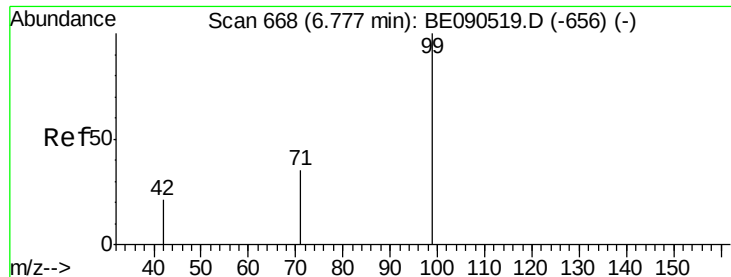


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.57 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

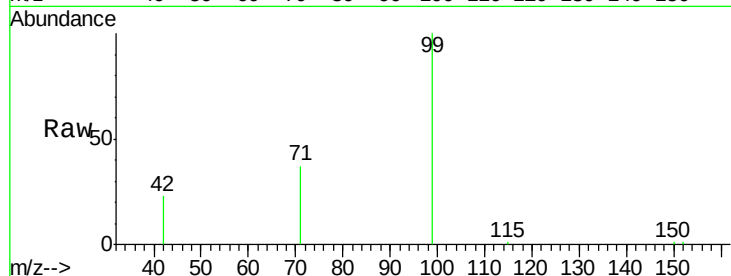
Tgt Ion: 99 Resp: 14998

Ion Ratio Lower Upper

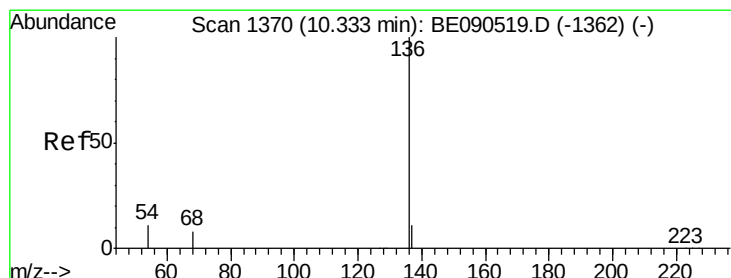
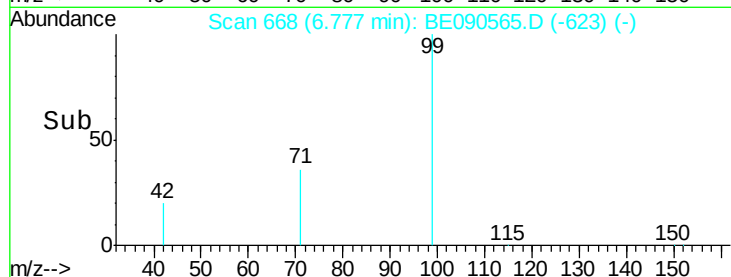
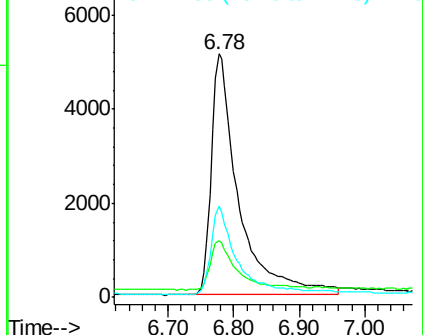
99 100

42 20.6 18.2 27.4

71 34.9 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Tgt Ion: 136 Resp: 112109

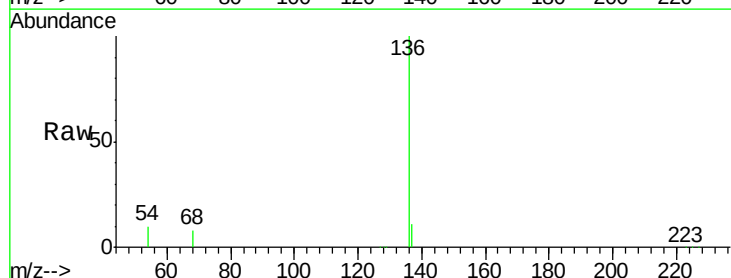
Ion Ratio Lower Upper

136 100

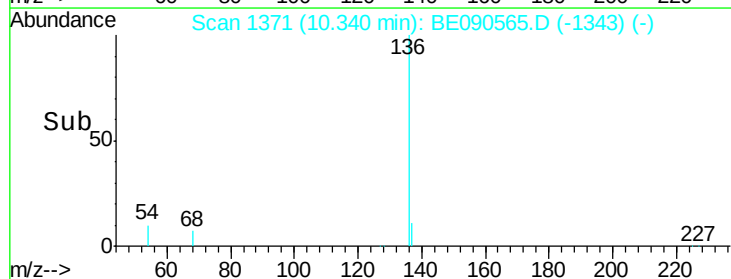
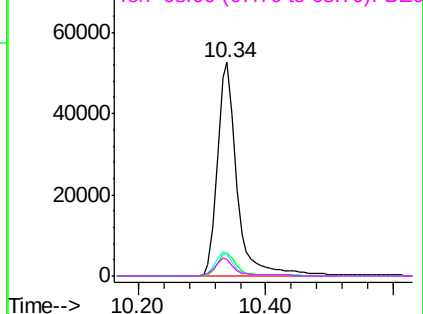
137 11.0 8.7 13.1

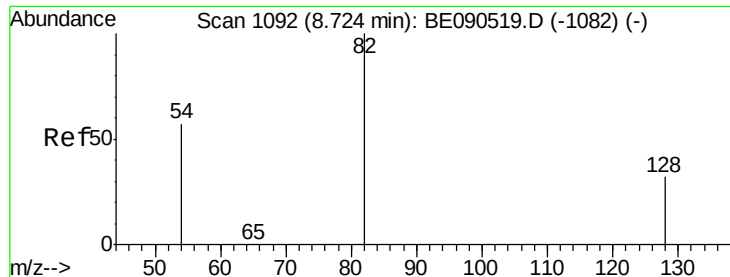
54 10.1 9.4 14.0

68 7.6 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: 3.27 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

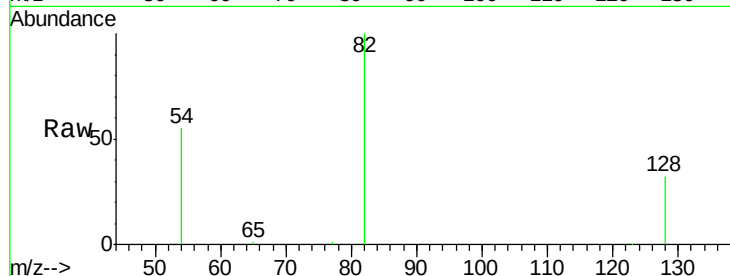
Tgt Ion: 82 Resp: 29208

Ion Ratio Lower Upper

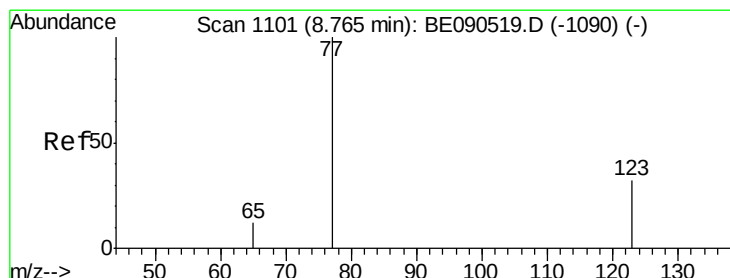
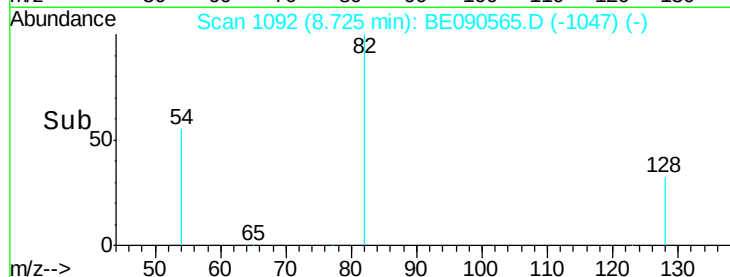
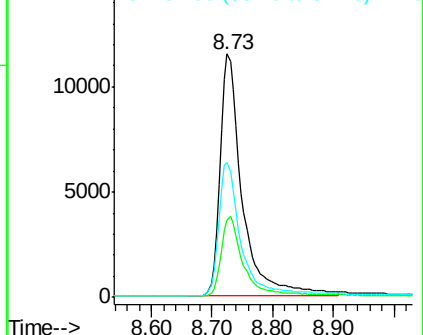
82 100

128 31.9 25.0 37.6

54 55.3 48.8 73.2



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: 0.00 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

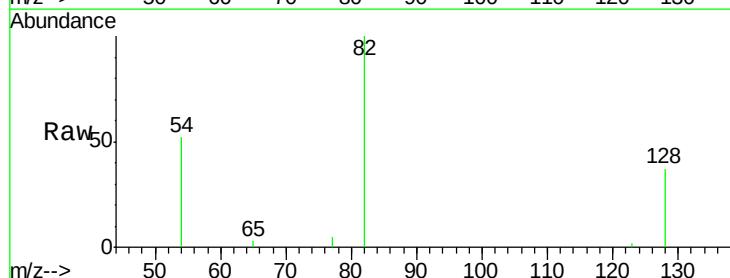
Tgt Ion: 77 Resp: 36

Ion Ratio Lower Upper

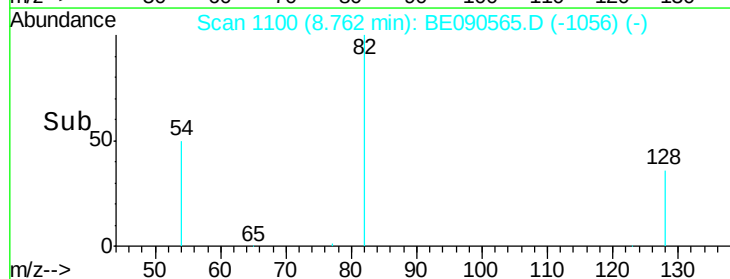
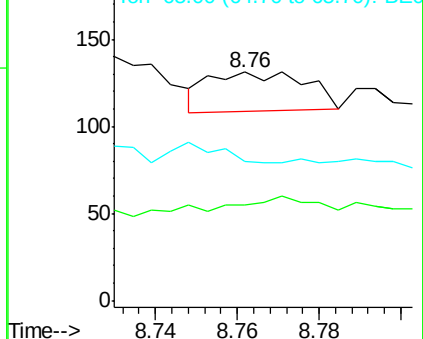
77 100

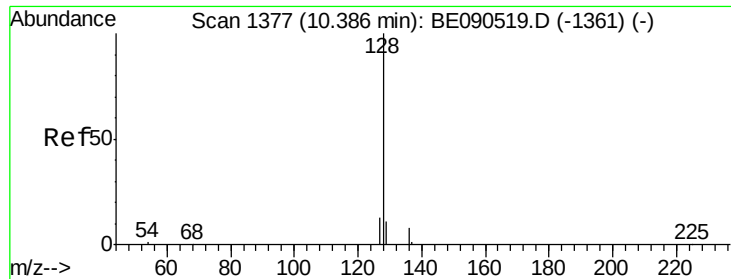
123 52.8 25.1 37.7#

65 0.0 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: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

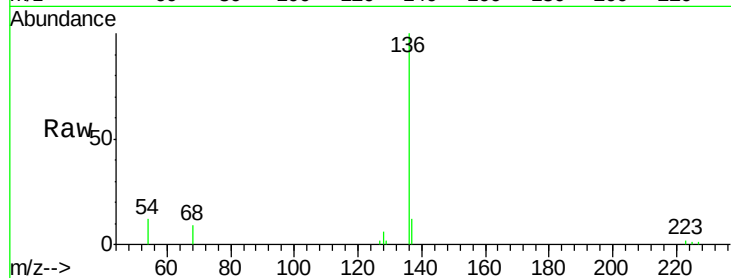
Tgt Ion:128 Resp: 332

Ion Ratio Lower Upper

128 100

129 39.8 9.8 14.6#

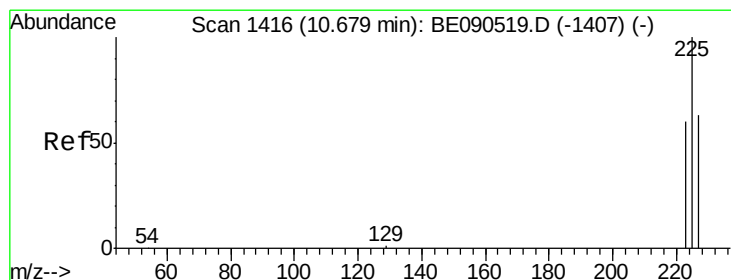
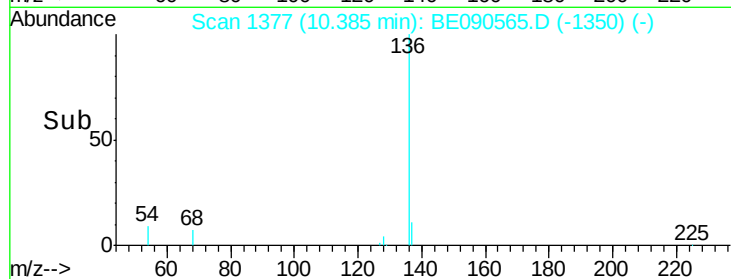
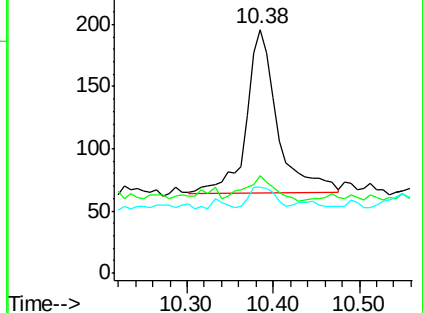
127 35.2 10.6 16.0#



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: 0.01 ng

RT: 10.68 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

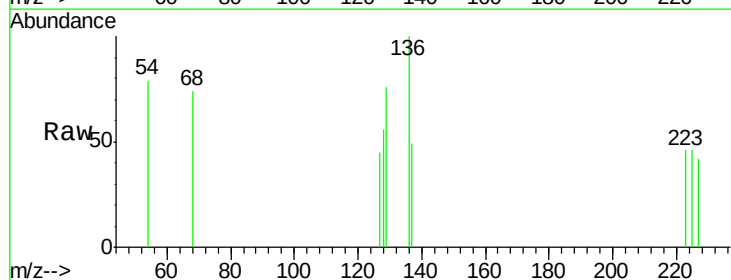
Tgt Ion:225 Resp: 31

Ion Ratio Lower Upper

225 100

223 71.0 50.6 75.8

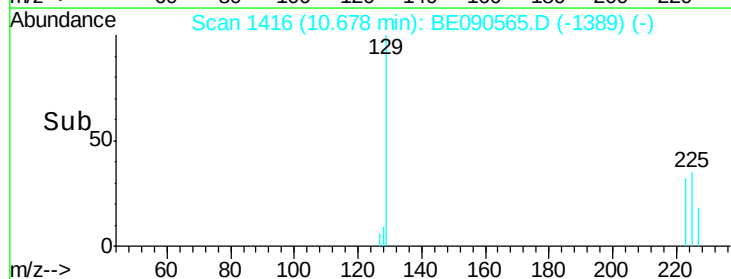
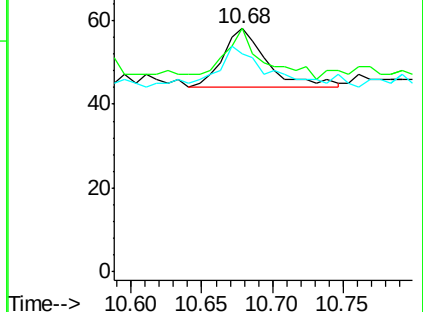
227 80.6 50.7 76.1#

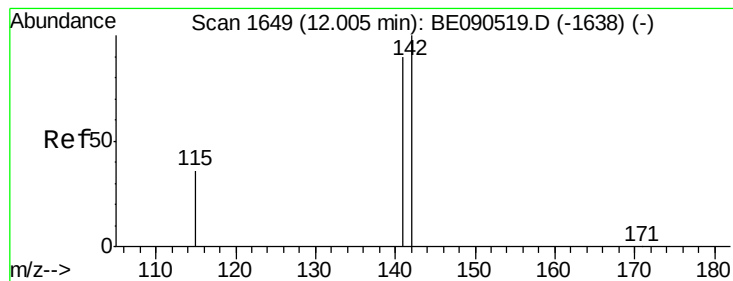


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.01 ng

RT: 12.02 min Scan# 1653

Delta R.T. 0.02 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

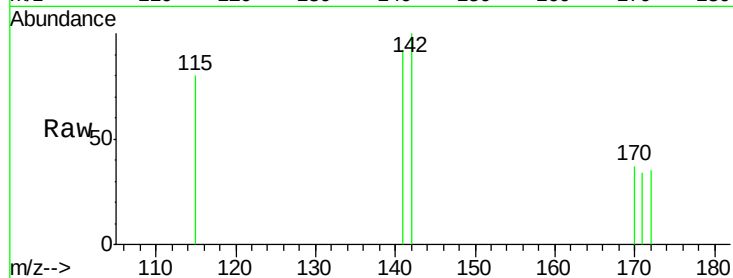
Tgt Ion:142 Resp: 203

Ion Ratio Lower Upper

142 100

141 91.8 72.6 109.0

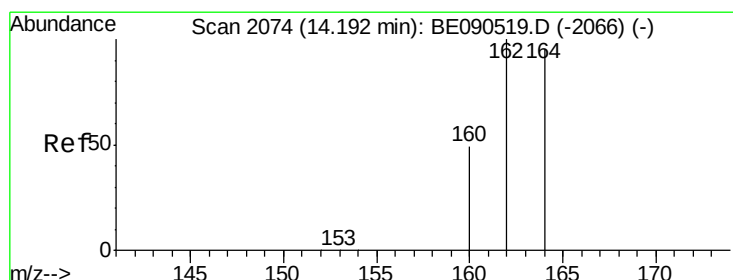
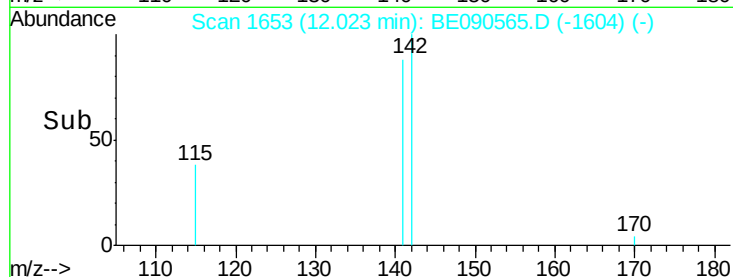
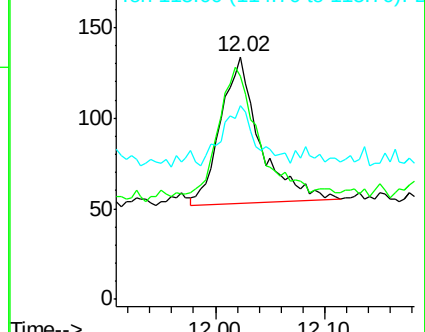
115 79.9 31.6 47.4#



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: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

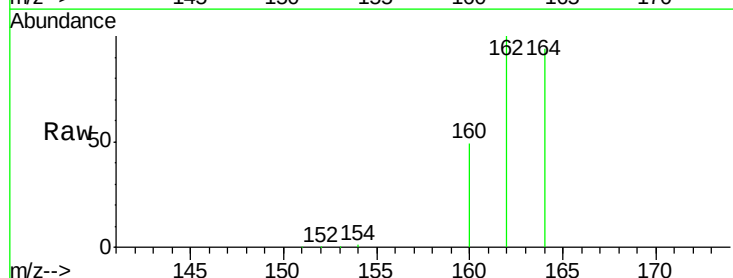
Tgt Ion:164 Resp: 61298

Ion Ratio Lower Upper

164 100

162 106.0 81.8 122.8

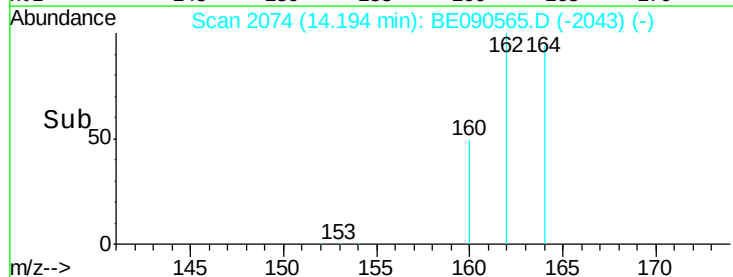
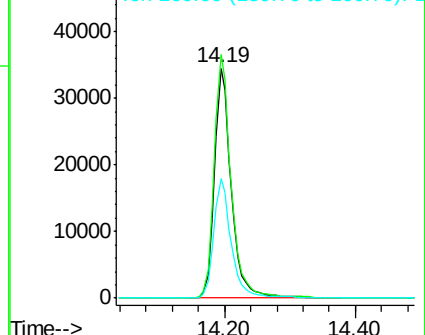
160 52.2 44.2 66.4

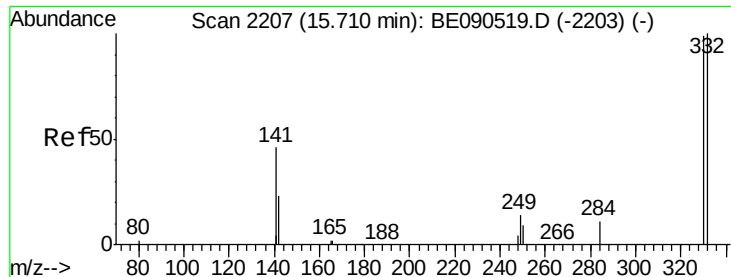


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

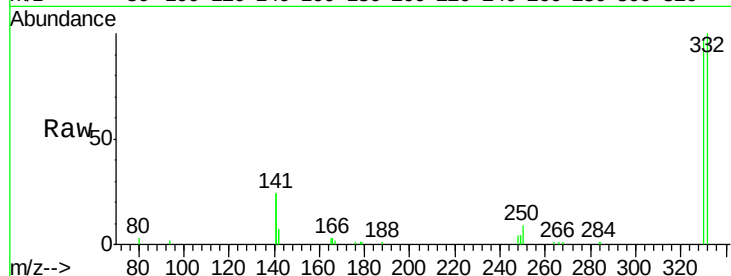




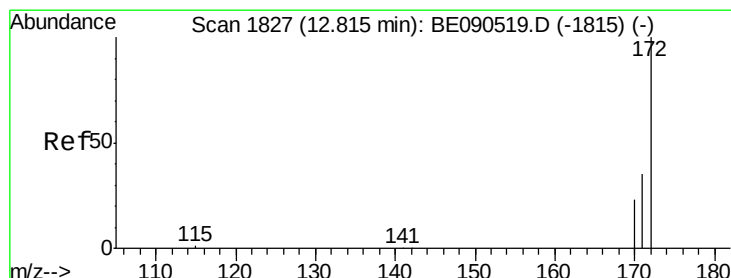
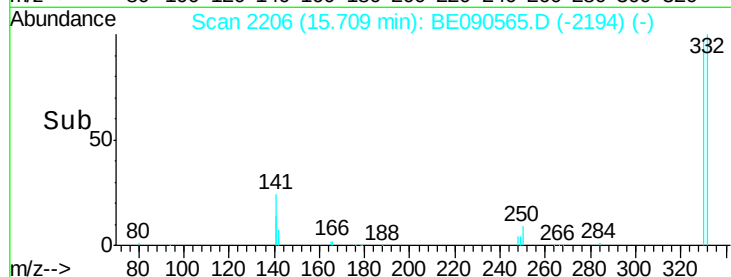
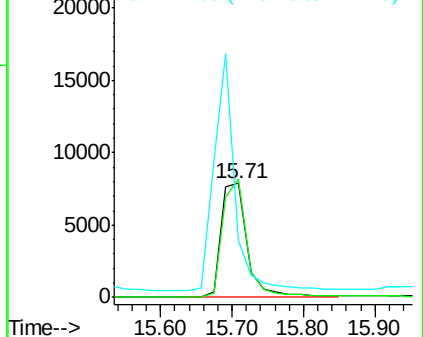
#13
 2,4,6-Tribromophenol
 Concen: 8.36 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-B

Tgt Ion:330 Resp: 19714
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 167.8 114.4 171.6

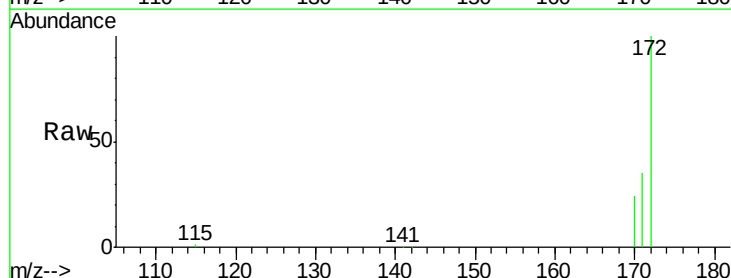


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

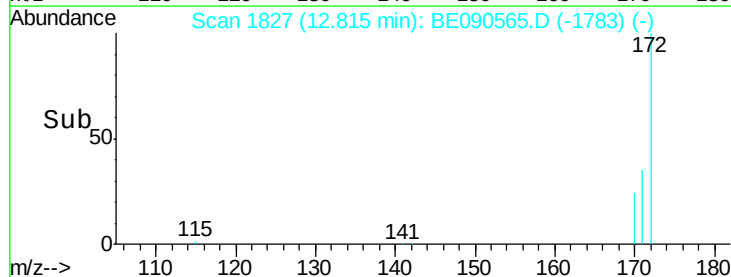
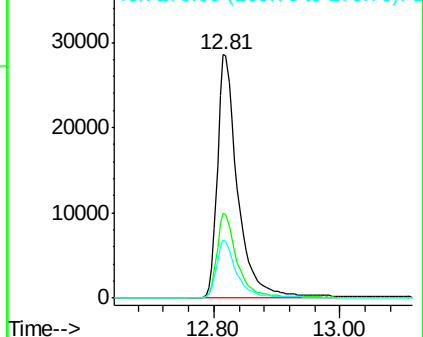


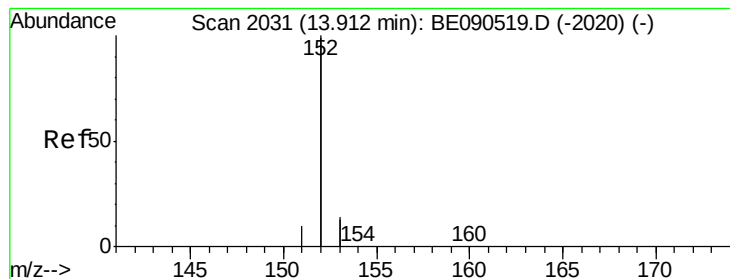
#14
 2-Fluorobiphenyl
 Concen: 3.47 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion:172 Resp: 63502
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.0 19.8 29.8



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





#15

Acenaphthylene

Concen: 0.01 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

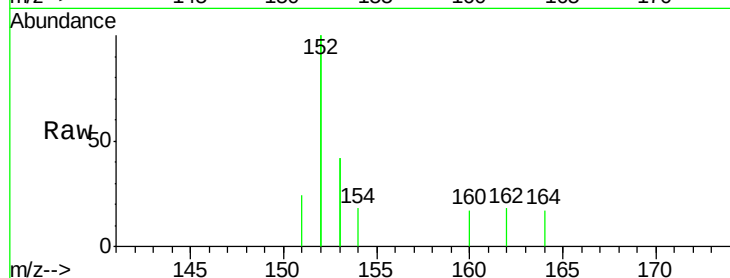
Tgt Ion:152 Resp: 717

Ion Ratio Lower Upper

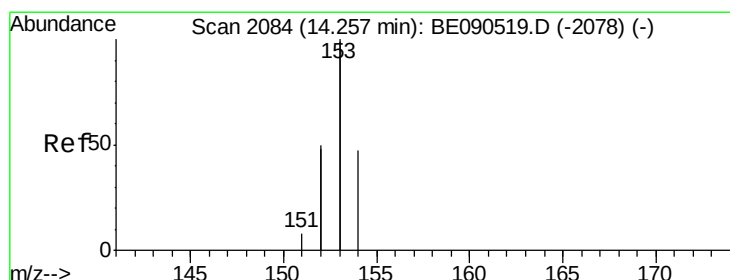
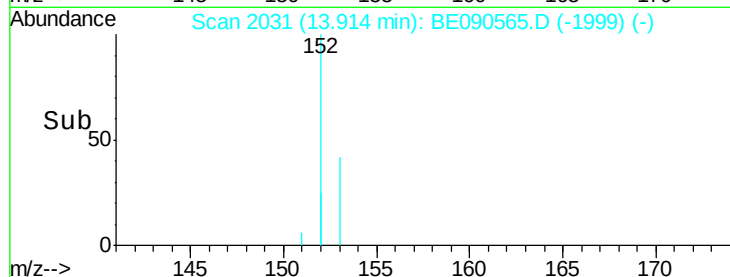
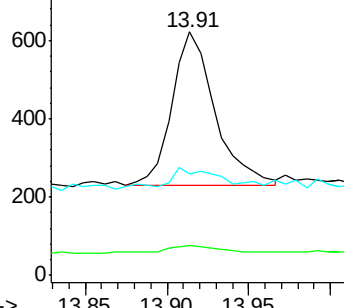
152 100

151 5.3 3.8 5.8

153 11.3 10.3 15.5



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: 0.01 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

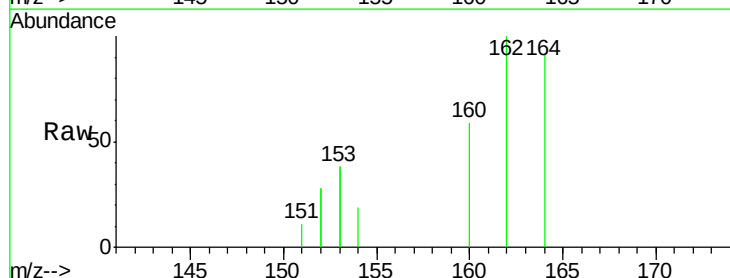
Tgt Ion:154 Resp: 120

Ion Ratio Lower Upper

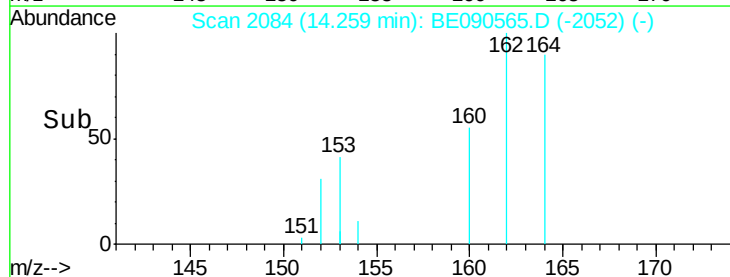
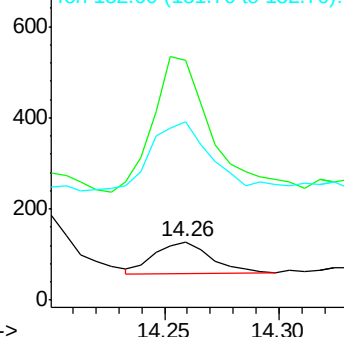
154 100

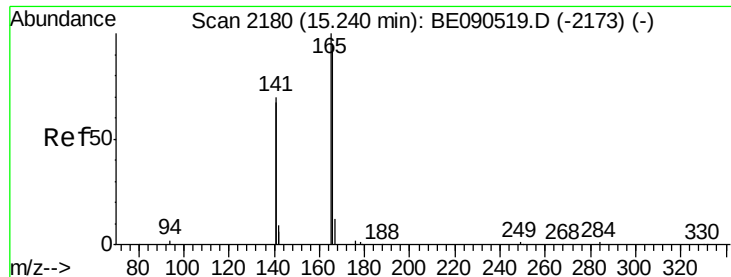
153 485.0 376.2 564.2

152 230.0 235.0 352.4#



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

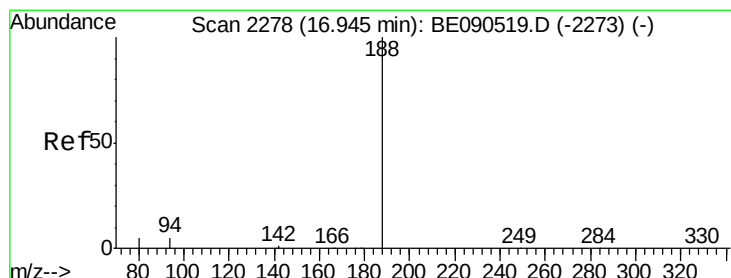
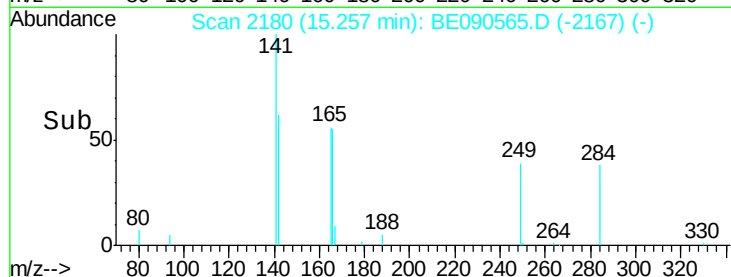
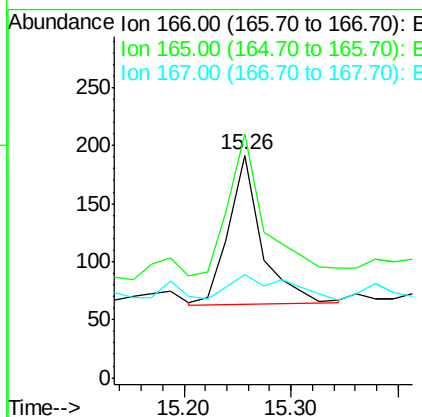
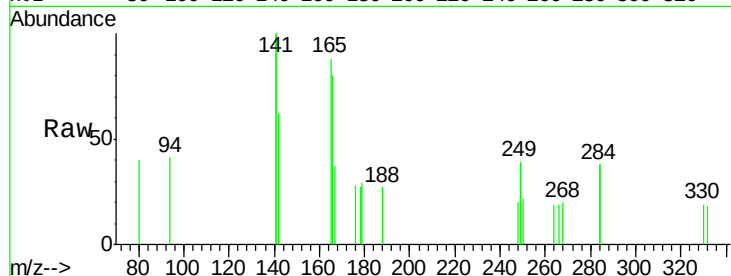




#17
Fluorene
 Concen: 0.01 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

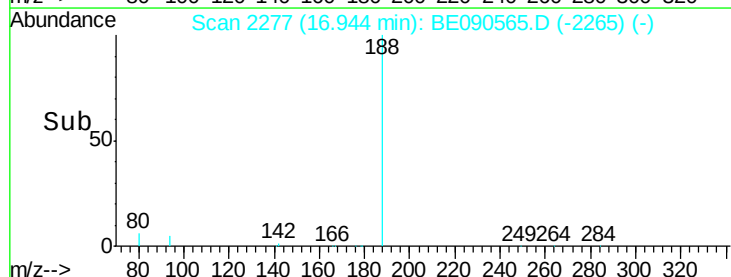
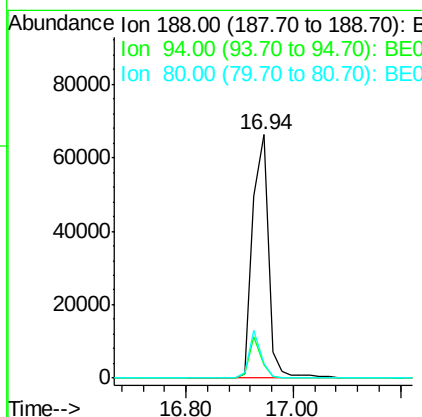
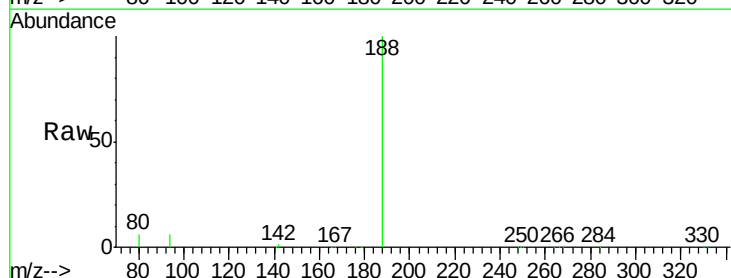
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-B

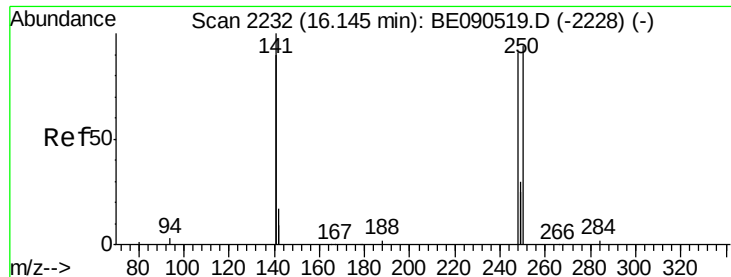
Tgt Ion:166 Resp: 277
 Ion Ratio Lower Upper
 166 100
 165 187.0 81.5 122.3#
 167 33.9 11.4 17.0#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion:188 Resp: 134833
 Ion Ratio Lower Upper
 188 100
 94 5.6 5.7 8.5#
 80 5.7 5.8 8.8#

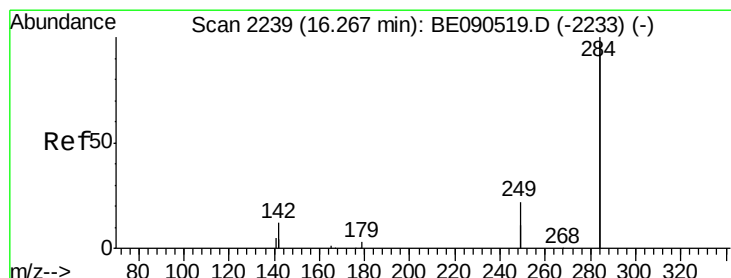
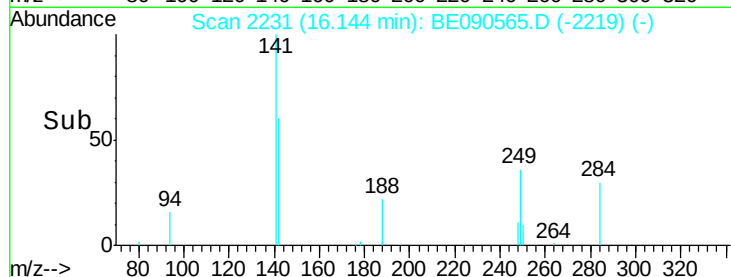
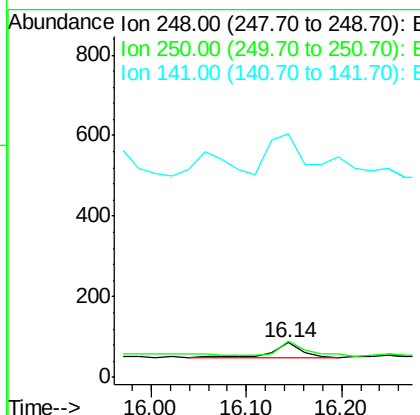
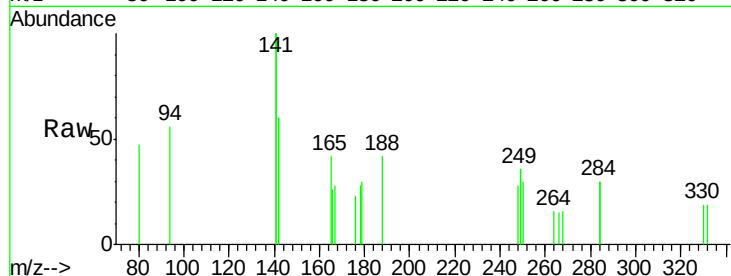




#19
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

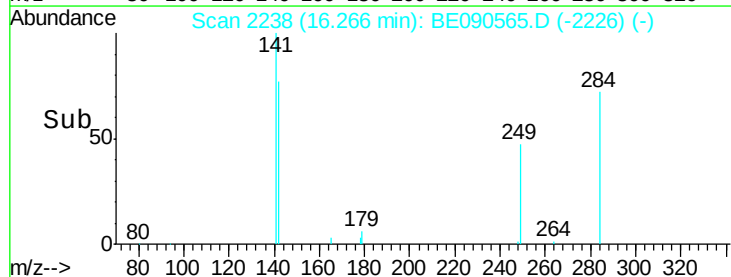
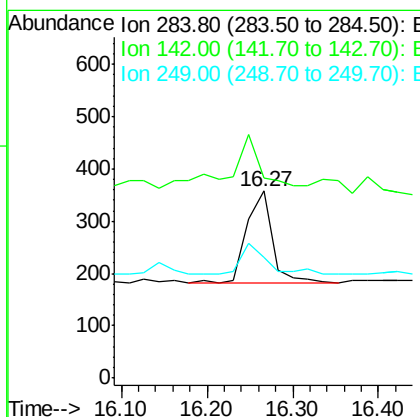
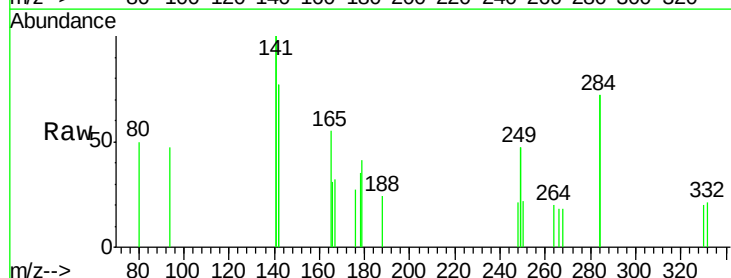
Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

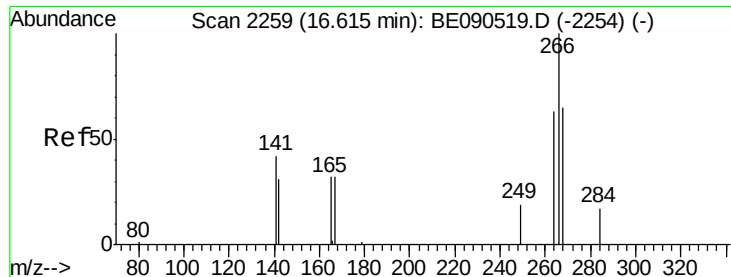
Tgt Ion:248 Resp: 69
Ion Ratio Lower Upper
248 100
250 101.4 79.0 118.6
141 550.7 239.5 359.3#



#20
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:284 Resp: 367
Ion Ratio Lower Upper
284 100
142 64.9 30.1 45.1#
249 34.6 25.7 38.5

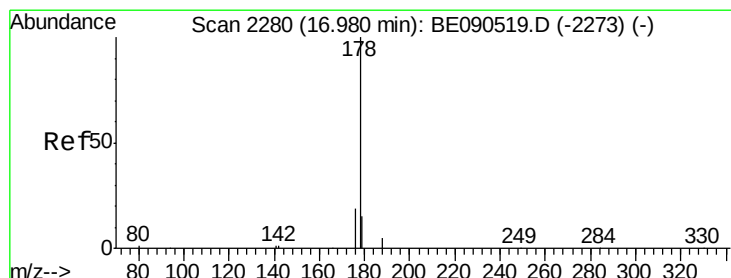
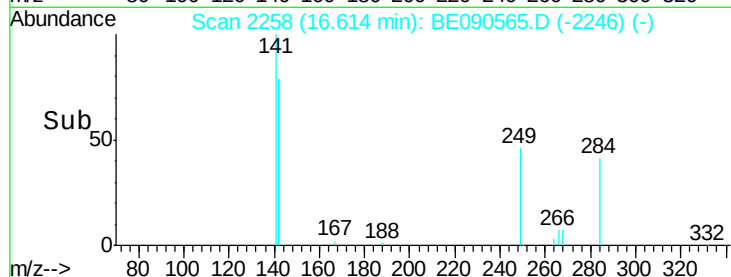
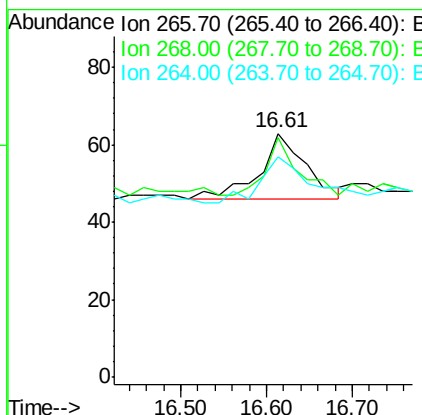
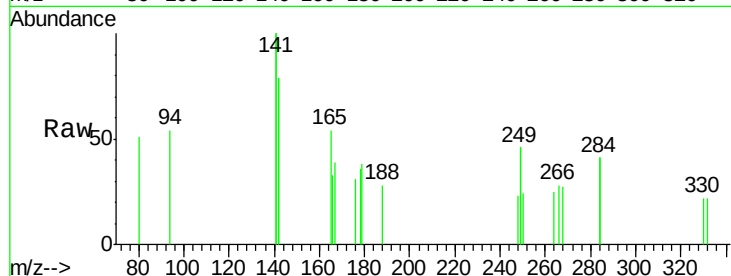




#21
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

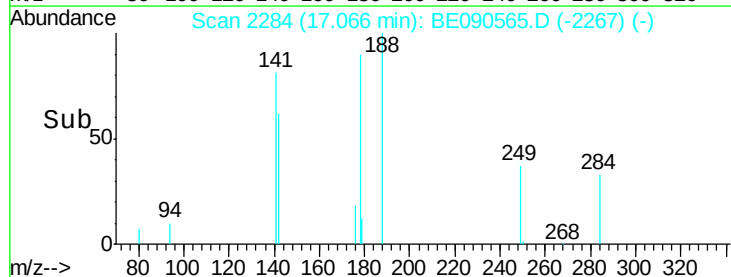
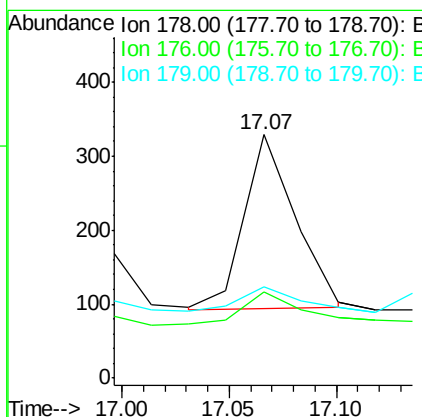
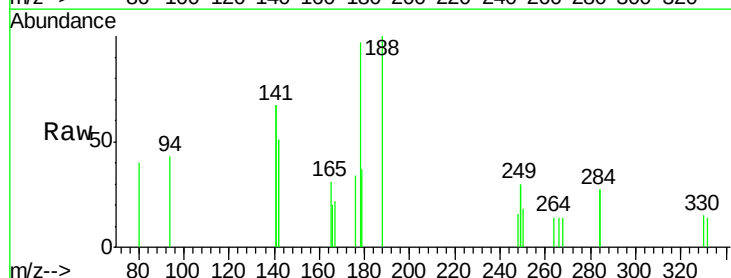
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-B

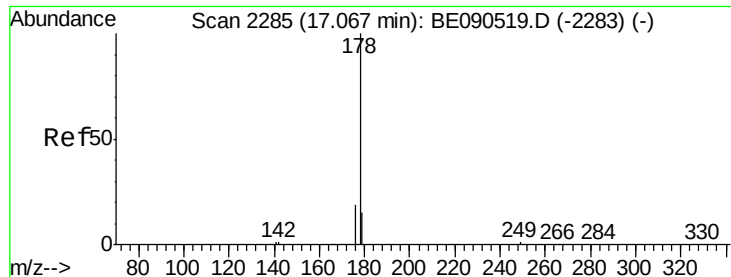
Tgt Ion: 266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 268 98.4 58.5 87.7#
 264 90.5 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.01 ng
 RT: 17.07 min Scan# 2284
 Delta R.T. 0.09 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion: 178 Resp: 384
 Ion Ratio Lower Upper
 178 100
 176 22.1 15.4 23.2
 179 16.4 12.5 18.7





#23

Anthracene

Concen: 0.01 ng

RT: 17.07 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

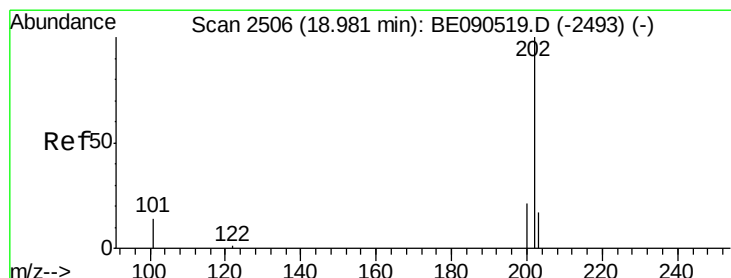
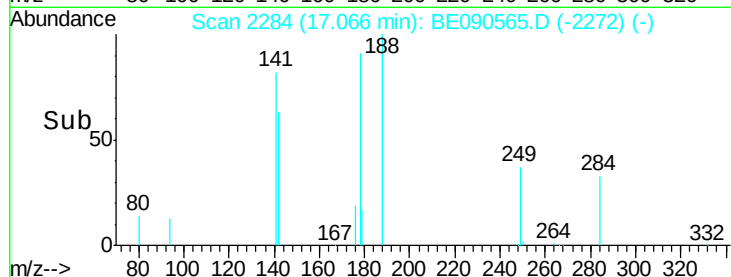
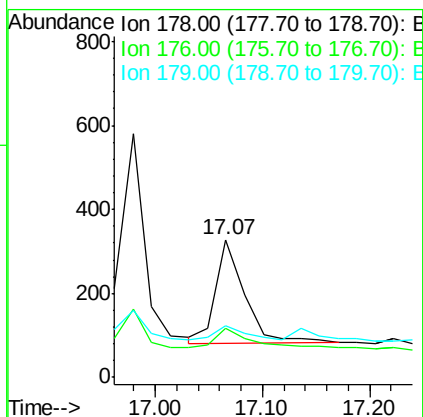
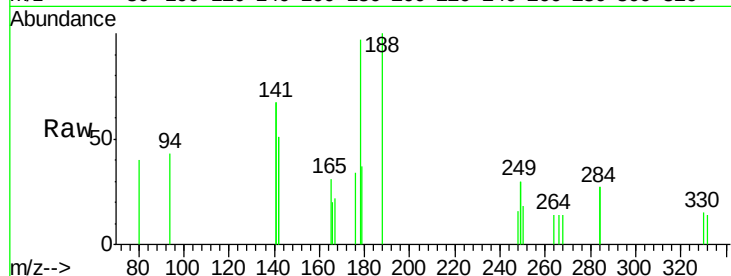
Tgt Ion:178 Resp: 459

Ion Ratio Lower Upper

178 100

176 26.4 14.9 22.3#

179 16.8 12.2 18.4



#24

Fluoranthene

Concen: 0.03 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

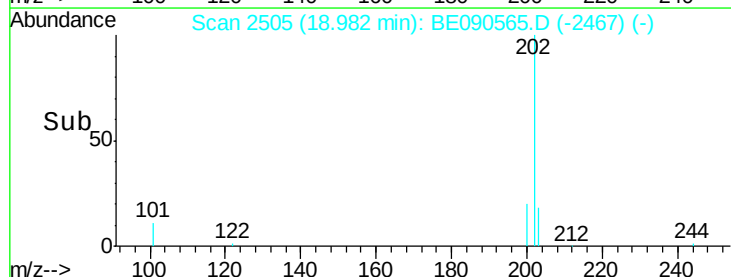
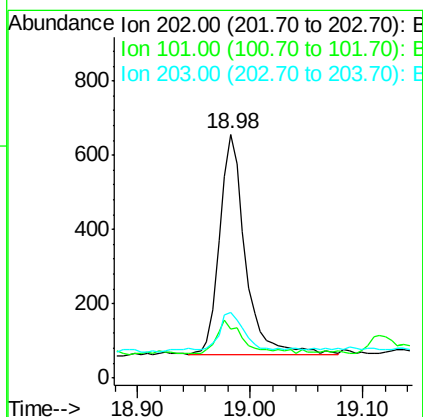
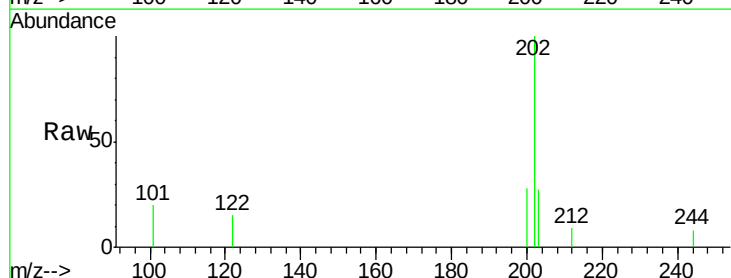
Tgt Ion:202 Resp: 951

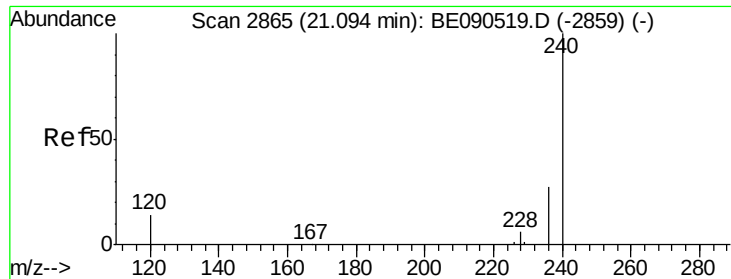
Ion Ratio Lower Upper

202 100

101 14.6 10.3 15.5

203 15.1 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

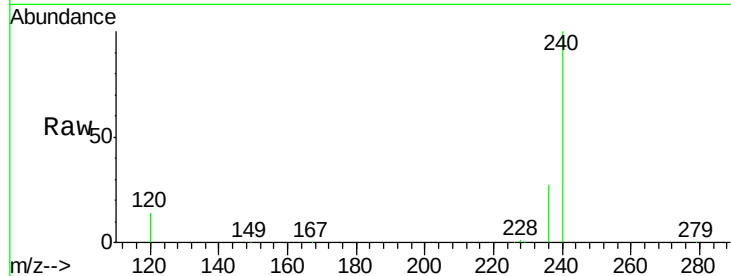
Tgt Ion:240 Resp: 134559

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

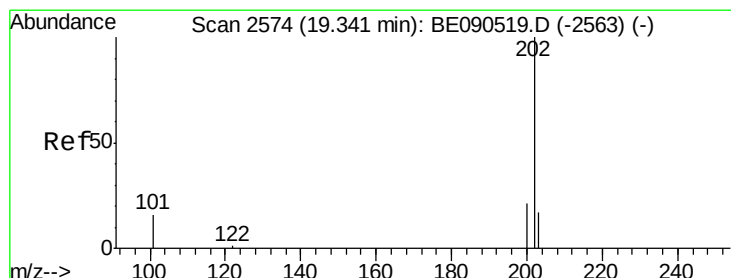
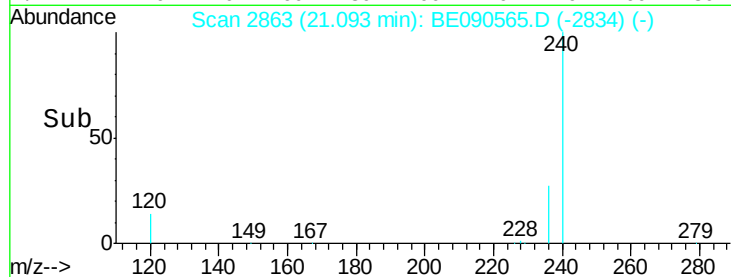
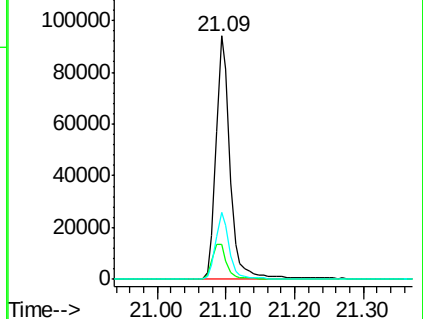
236 27.3 21.0 31.4



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: 0.02 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

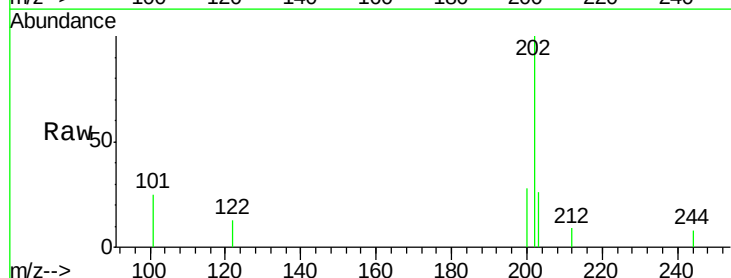
Tgt Ion:202 Resp: 961

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

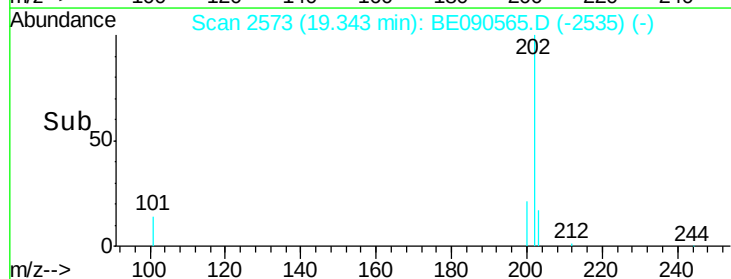
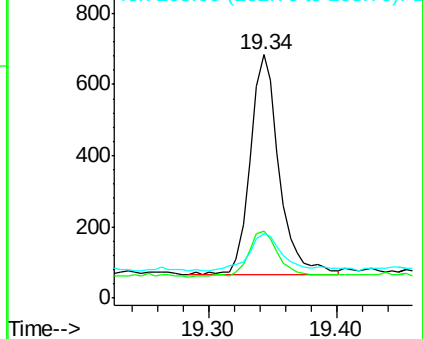
203 18.6 13.8 20.8

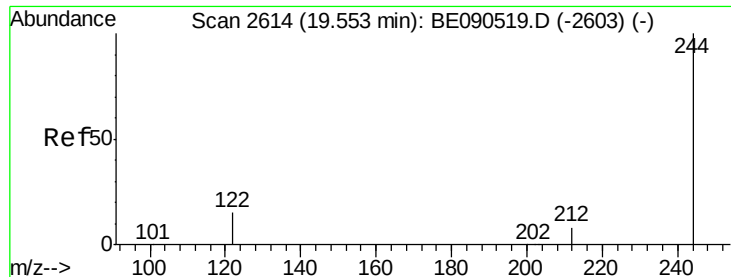


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

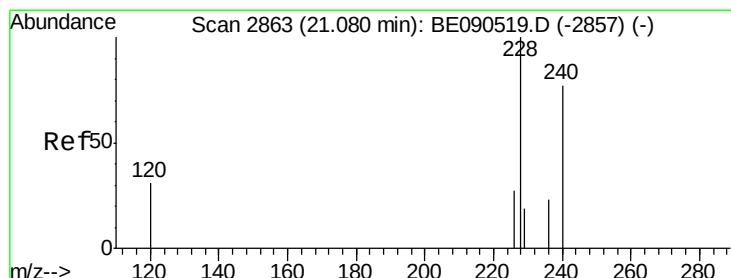
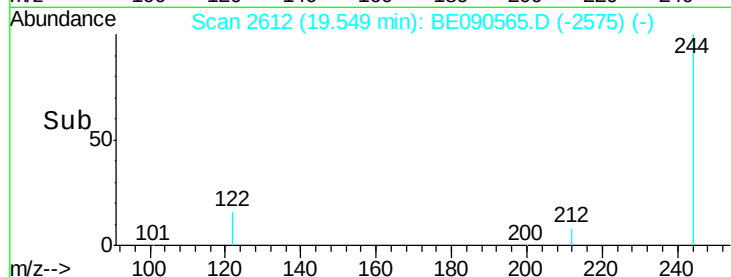
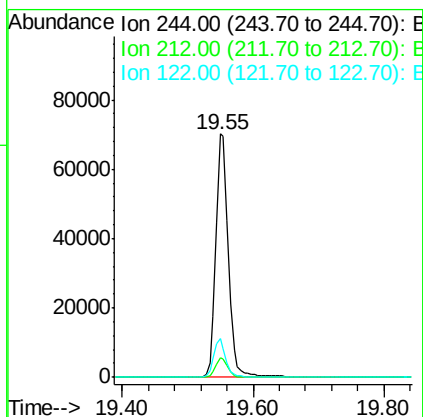
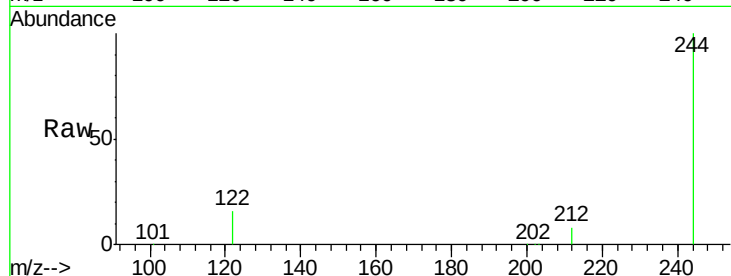




#27
 Terphenyl-d14
 Concen: 3.81 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

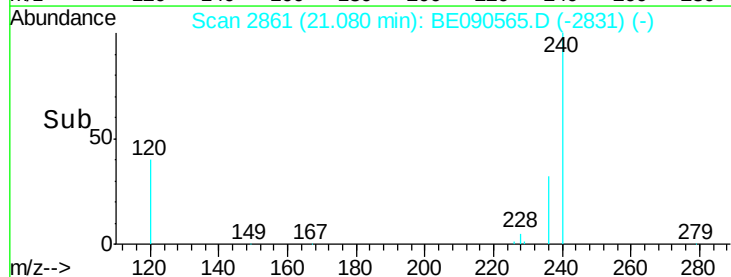
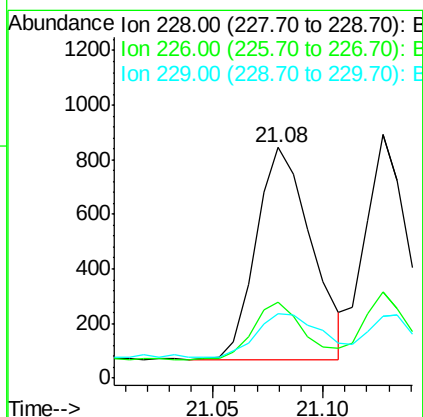
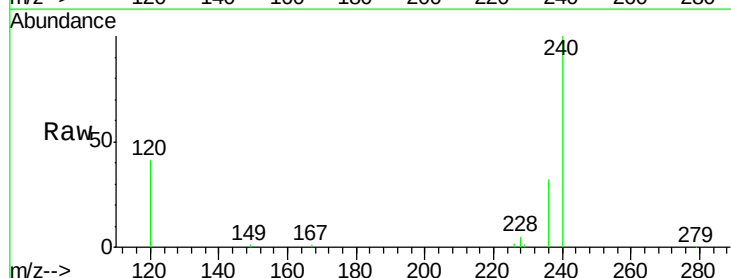
Instrument :
 BNA_E
 ClientSampleId :
 081615-D534-F-D-B

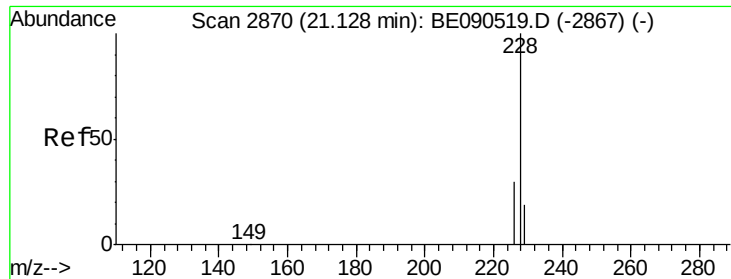
Tgt Ion:244 Resp: 93804
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.9 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. 0.01 min
 Lab File: BE090565.D
 Acq: 18 Aug 2015 21:53

Tgt Ion:228 Resp: 1374
 Ion Ratio Lower Upper
 228 100
 226 32.9 21.9 32.9#
 229 27.8 15.4 23.0#





#29

Chrysene

Concen: 0.03 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

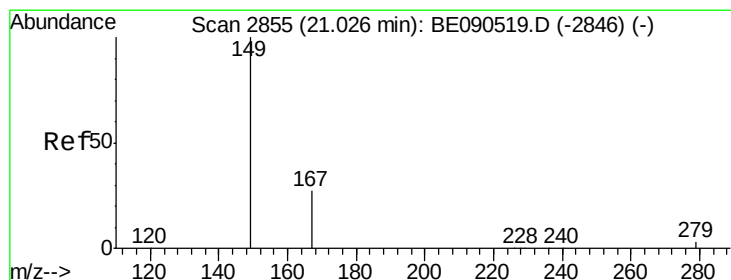
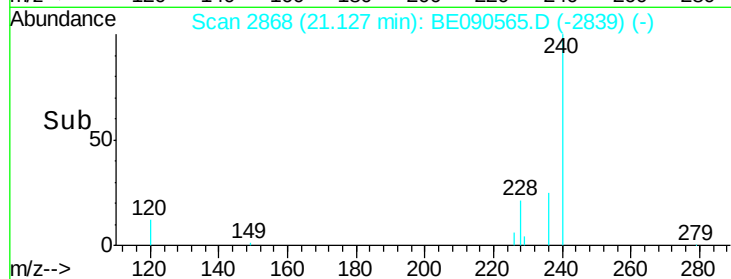
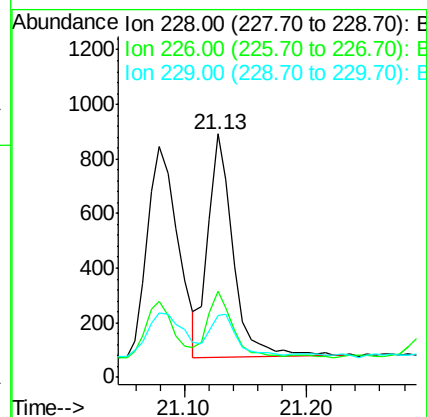
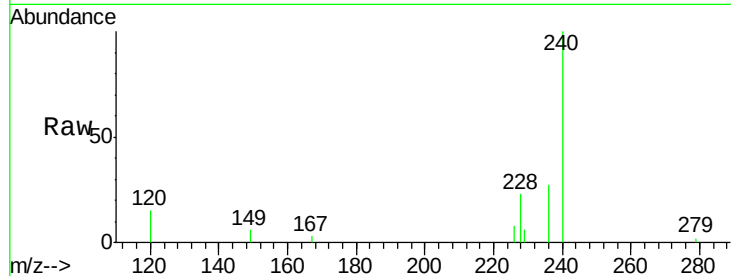
Tgt Ion:228 Resp: 1162

Ion Ratio Lower Upper

228 100

226 35.4 23.1 34.7#

229 25.2 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

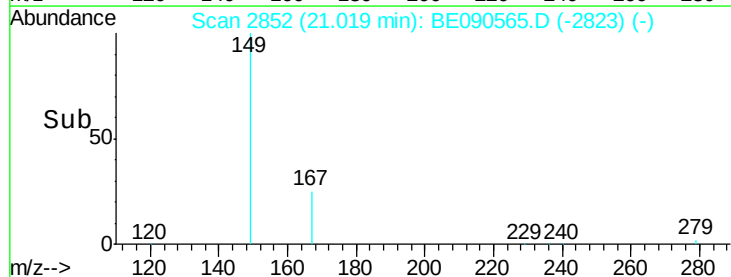
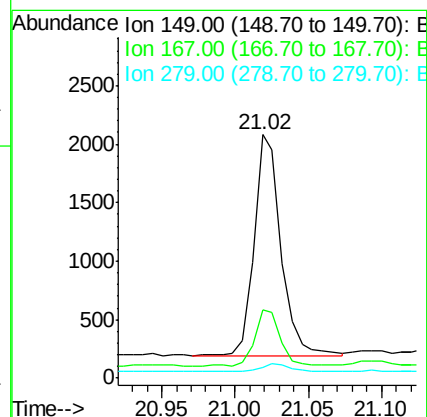
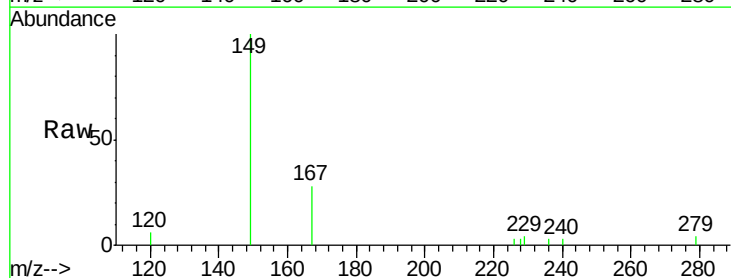
Tgt Ion:149 Resp: 2402

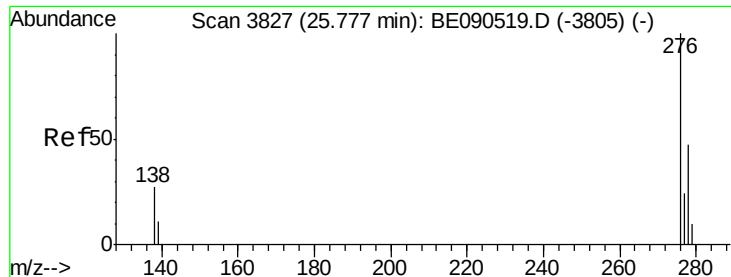
Ion Ratio Lower Upper

149 100

167 24.4 19.8 29.8

279 3.2 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

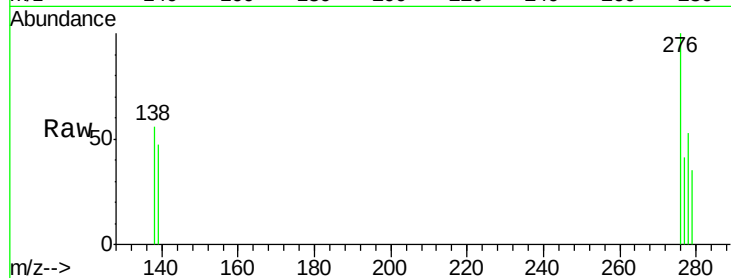
Tgt Ion:276 Resp: 853

Ion Ratio Lower Upper

276 100

138 26.8 18.8 28.2

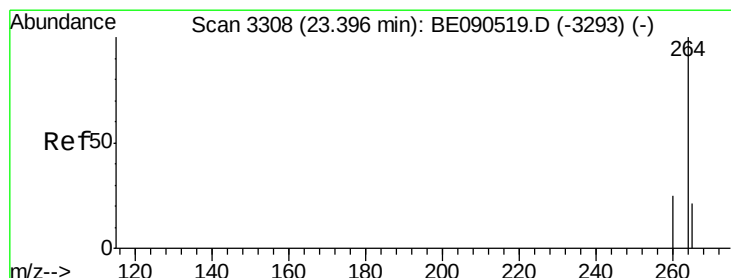
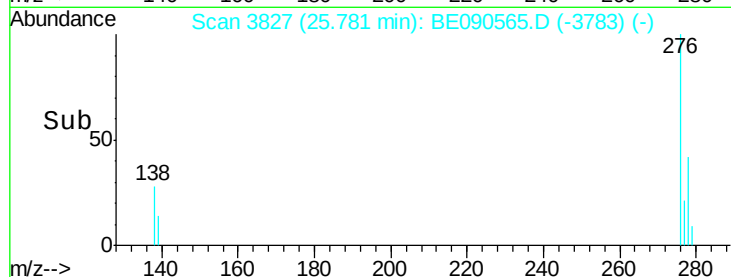
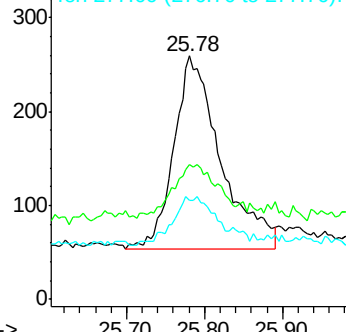
277 19.2 18.2 27.4



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# 3307

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

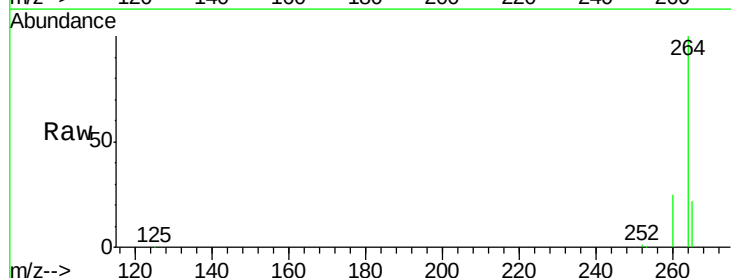
Tgt Ion:264 Resp: 122151

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

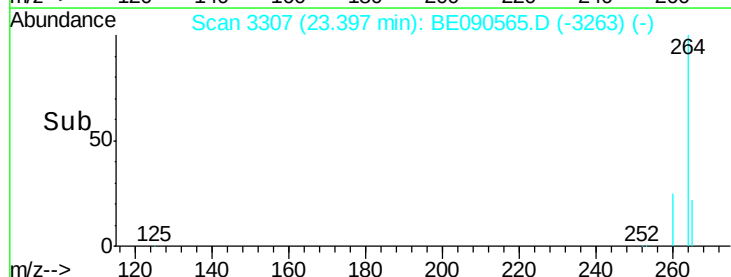
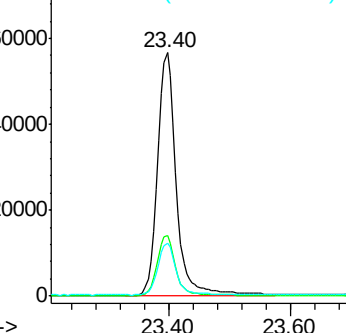
265 22.0 17.2 25.8

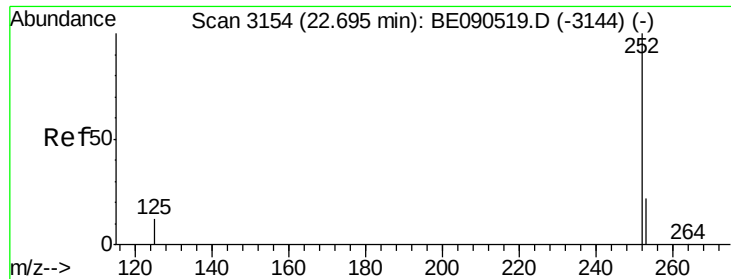


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

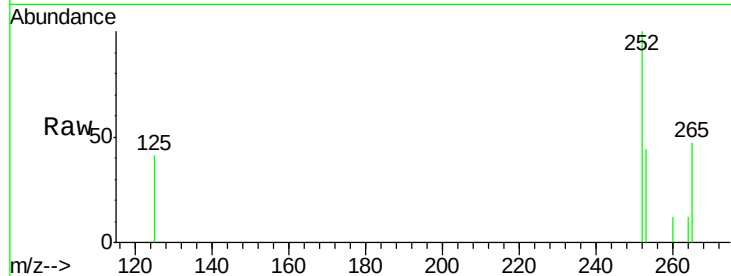
Tgt Ion: 252 Resp: 887

Ion Ratio Lower Upper

252 100

253 43.8 18.1 27.1#

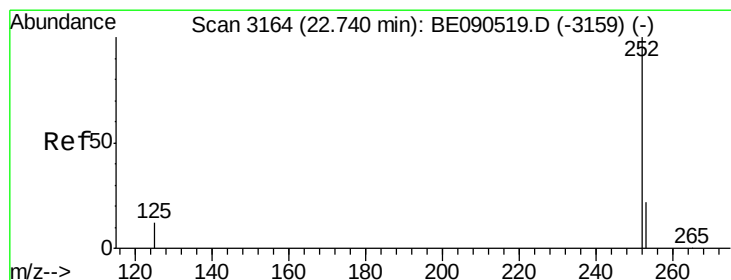
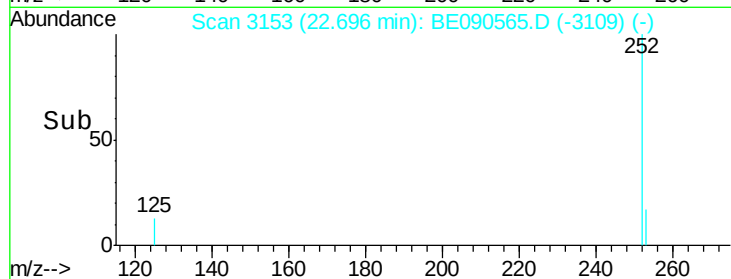
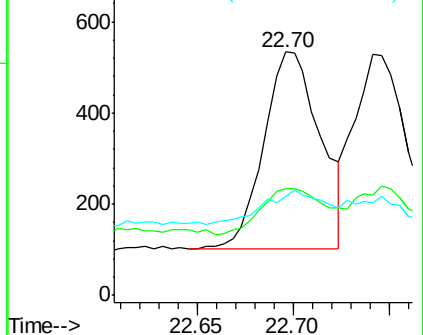
125 40.6 9.4 14.2#



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



#34

Benzo(k)fluoranthene

Concen: 0.03 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

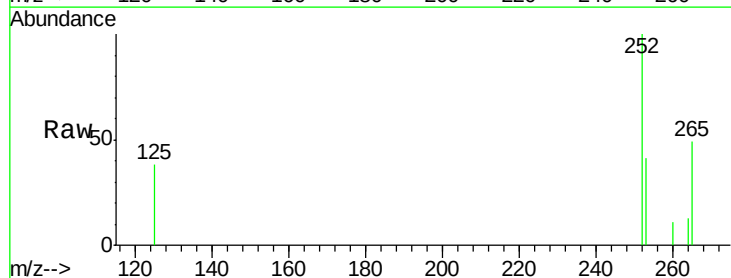
Tgt Ion: 252 Resp: 887

Ion Ratio Lower Upper

252 100

253 41.3 18.1 27.1#

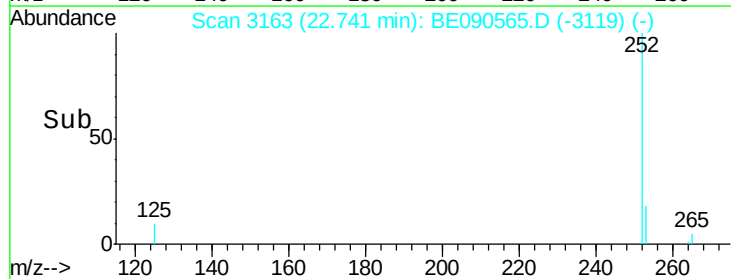
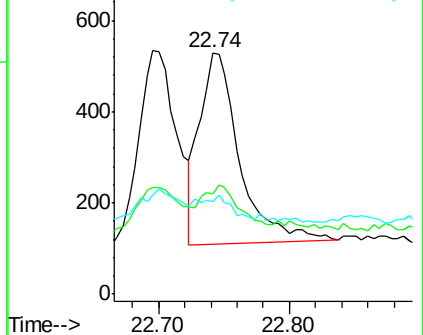
125 38.3 9.1 13.7#

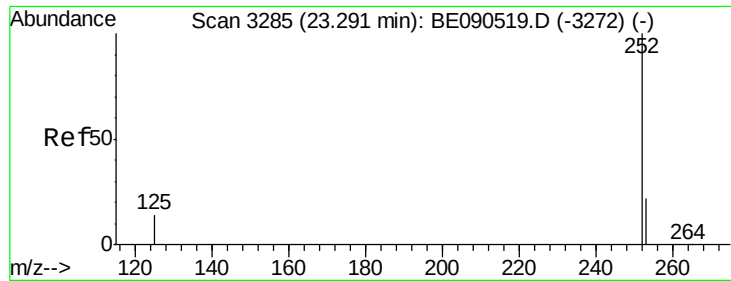


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B

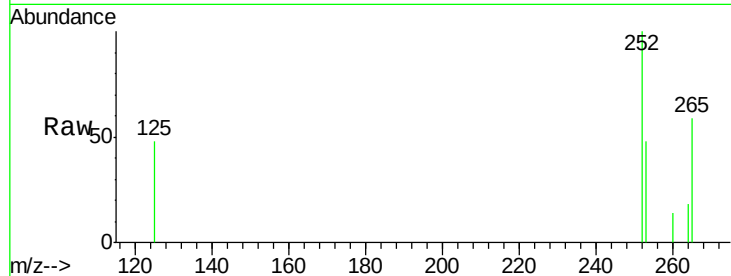
Tgt Ion: 252 Resp: 772

Ion Ratio Lower Upper

252 100

253 47.9 17.6 26.4#

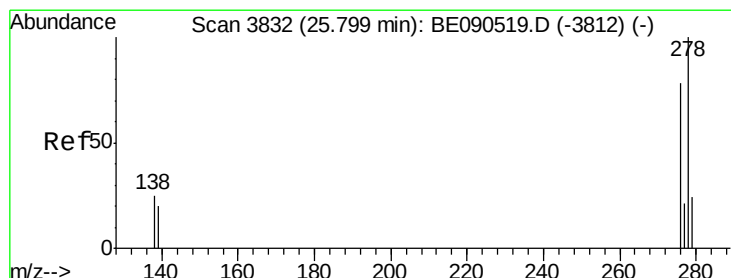
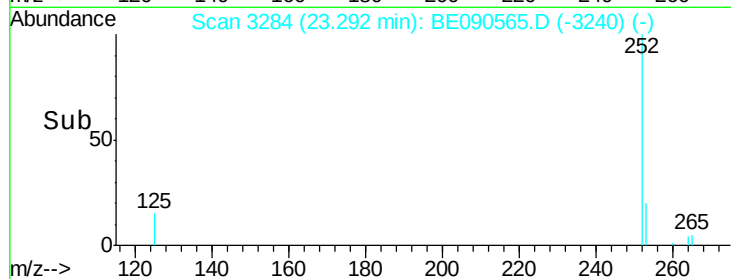
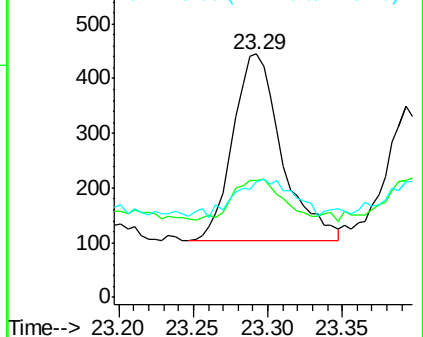
125 47.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.81 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE090565.D

Acq: 18 Aug 2015 21:53

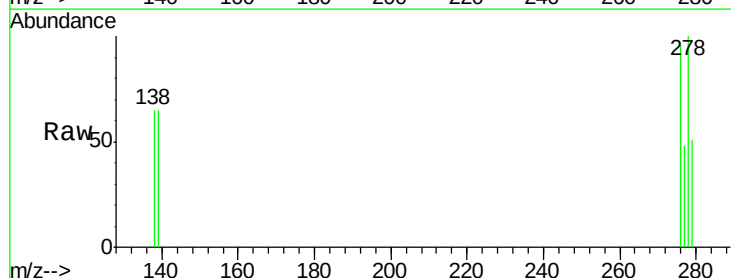
Tgt Ion: 278 Resp: 584

Ion Ratio Lower Upper

278 100

139 64.9 14.2 21.4#

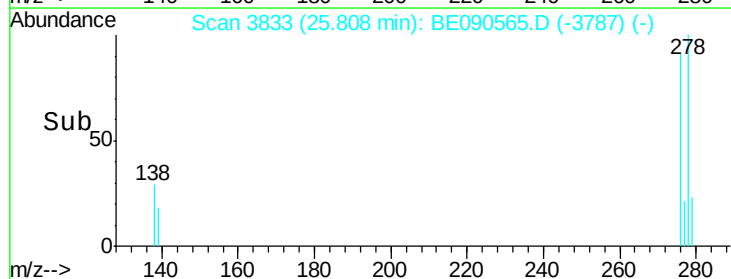
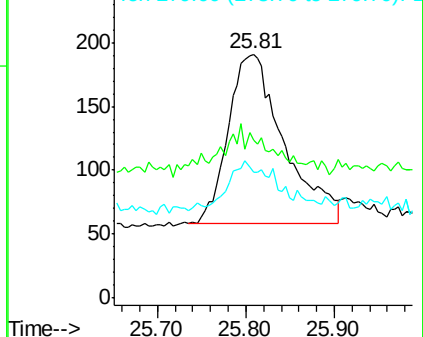
279 51.3 20.1 30.1#

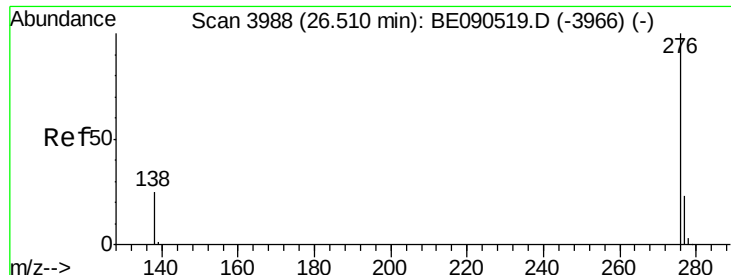


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.03 ng

RT: 26.51 min Scan# 3988

Delta R.T. 0.01 min

Lab File: BE090565.D

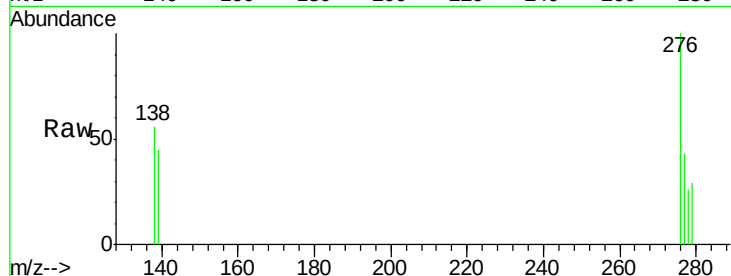
Acq: 18 Aug 2015 21:53

Instrument :

BNA_E

ClientSampleId :

081615-D534-F-D-B



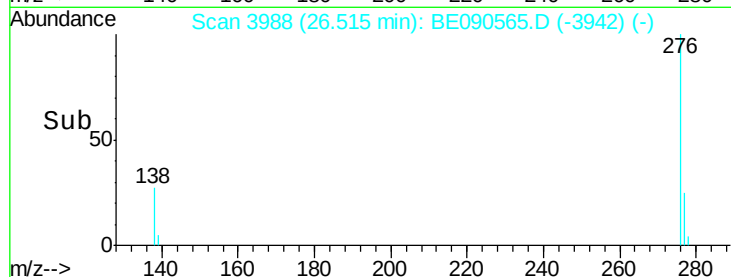
Tgt Ion: 276 Resp: 756

Ion Ratio Lower Upper

276 100

277 43.0 20.1 30.1#

138 56.2 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

