

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092115\
 Data File : BE090919.D
 Acq On : 21 Sep 2015 15:35
 Operator : UM/IZ
 Sample : PB85661BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85661BS

Quant Time: Sep 21 16:18:55 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28232	5.00	ng	0.00
7) Naphthalene-d8	10.29	136	126819	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	67491	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	157880	5.00	ng	0.00
26) Chrysene-d12	21.07	240	220863	5.00	ng	0.00
33) Perylene-d12	23.35	264	193731	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	39530	6.24	ng	0.00
5) Phenol-d6	6.74	99	59969	6.81	ng	-0.01
8) Nitrobenzene-d5	8.69	82	31523	3.61	ng	-0.01
14) 2,4,6-Tribromophenol	15.67	330	15722	6.60	ng	-0.02
15) 2-Fluorobiphenyl	12.78	172	67456	3.53	ng	-0.01
28) Terphenyl-d14	19.53	244	107148	4.28	ng	0.00

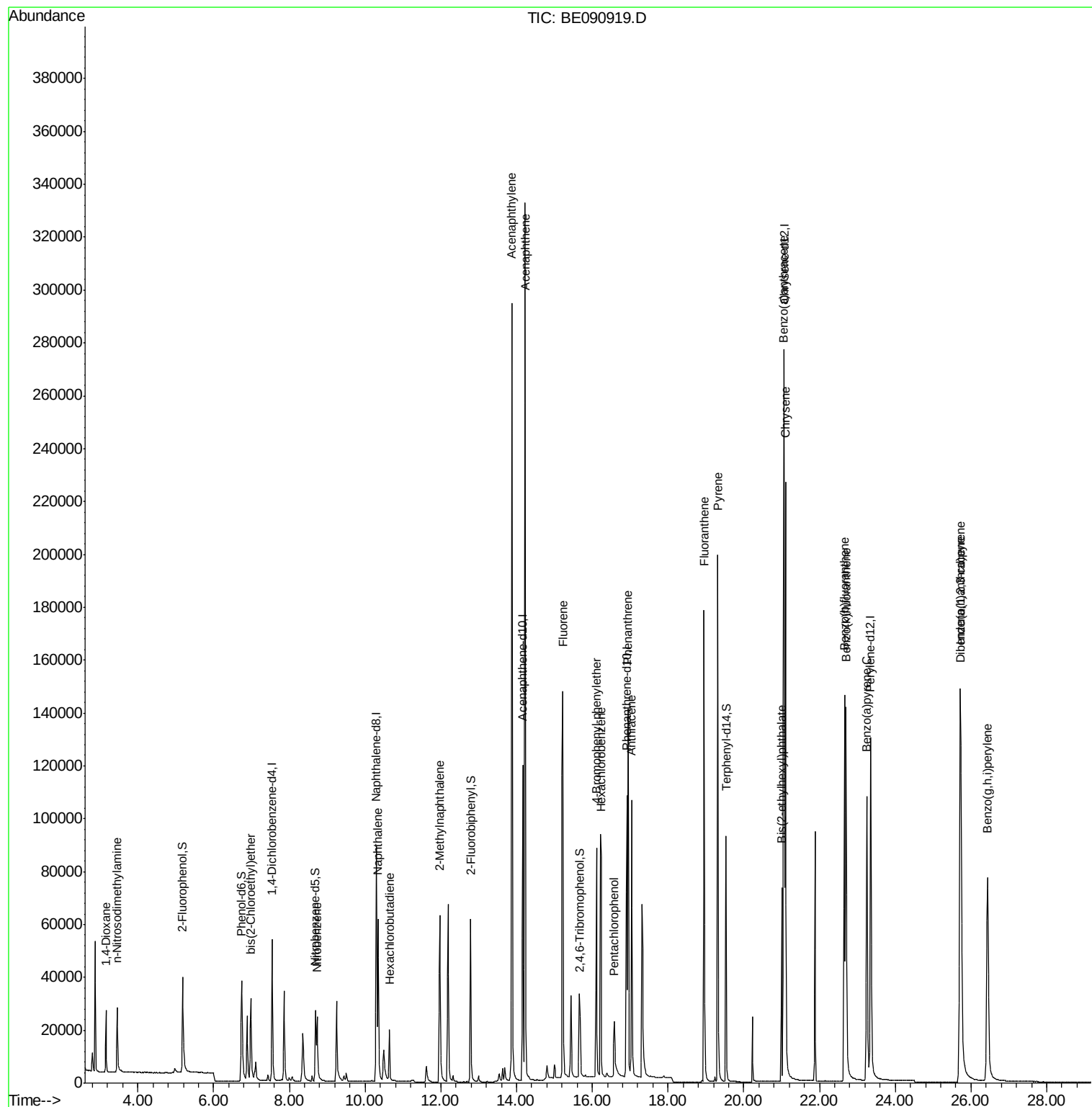
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	13171	3.51	ng	96
3) n-Nitrosodimethylamine	3.45	42	16854	3.30	ng	# 94
6) bis(2-Chloroethyl)ether	6.98	93	28306	3.54	ng	98
9) Nitrobenzene	8.73	77	33990	3.50	ng	99
10) Naphthalene	10.35	128	91465	3.70	ng	98
11) Hexachlorobutadiene	10.64	225	14169	3.85	ng	100
12) 2-Methylnaphthalene	11.97	142	58738	3.44	ng	98
16) Acenaphthylene	13.87	152	405387	3.45	ng	100
17) Acenaphthene	14.22	154	64122	3.54	ng	90
18) Fluorene	15.22	166	82733	4.00	ng	97
20) 4-Bromophenyl-phenylether	16.11	248	22213	3.64	ng	95
21) Hexachlorobenzene	16.23	284	104903	4.15	ng	99
22) Pentachlorophenol	16.58	266	16572	5.67	ng	96
23) Phenanthrene	16.94	178	150156	4.12	ng	99
24) Anthracene	17.03	178	144759	4.01	ng	100
25) Fluoranthene	18.95	202	175711	3.65	ng	99
27) Pyrene	19.32	202	199745	3.96	ng	99
29) Benzo(a)anthracene	21.05	228	198862	3.64	ng	99
30) Chrysene	21.10	228	207236	4.05	ng	99
31) Bis(2-ethylhexyl)phthalate	20.99	149	66710	2.73	ng	99
32) Indeno(1,2,3-cd)pyrene	25.71	276	212479	3.31	ng	99
34) Benzo(b)fluoranthene	22.66	252	183842	4.05	ng	99
35) Benzo(k)fluoranthene	22.70	252	206861	3.96	ng	100
36) Benzo(a)pyrene	23.25	252	170139	3.94	ng	# 90
37) Dibenzo(a,h)anthracene	25.73	278	173767	3.87	ng	100
38) Benzo(g,h,i)perylene	26.44	276	181249	3.77	ng	99

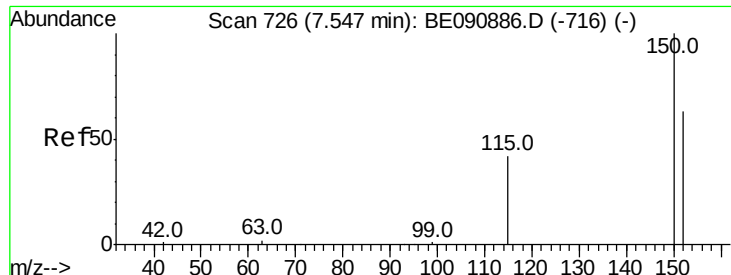
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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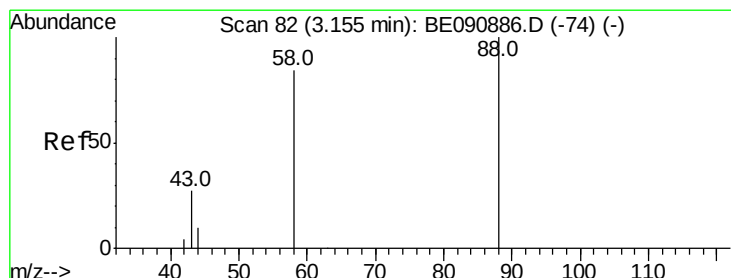
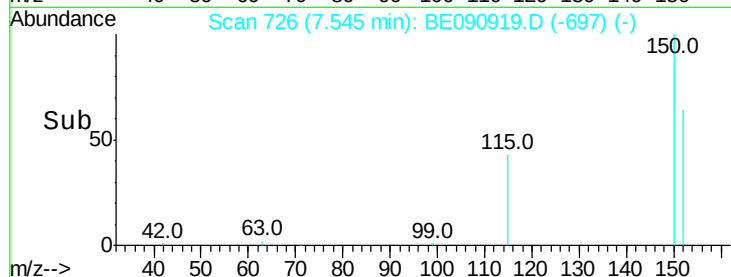
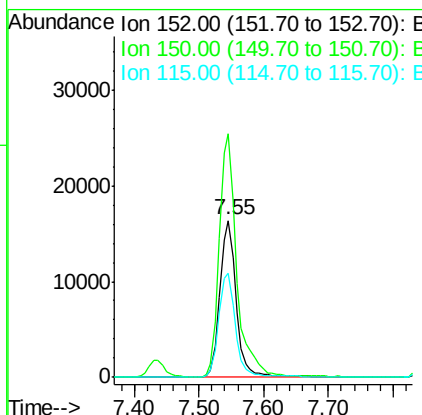
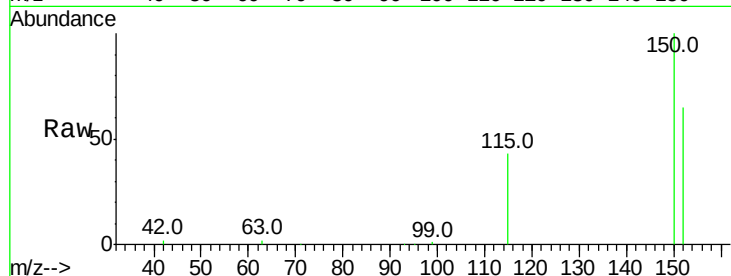




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BE090919.D
 Acq: 21 Sep 2015 15:35

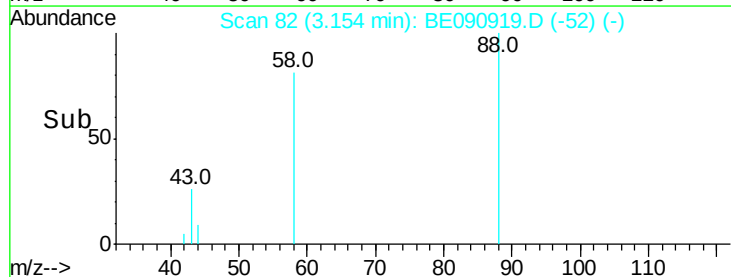
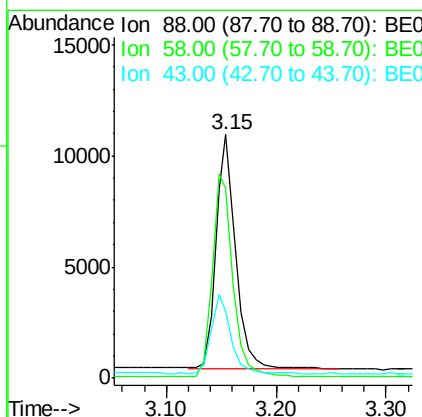
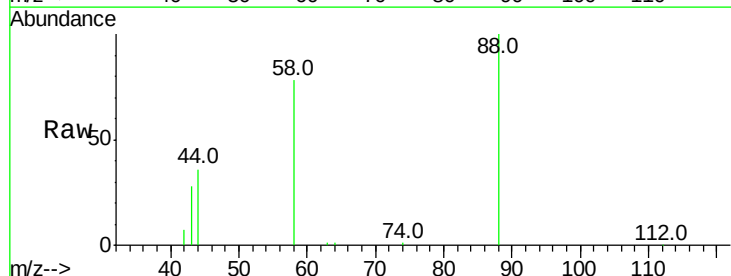
Instrument :
 BNA_E
 ClientSampleId :
 PB85661BS

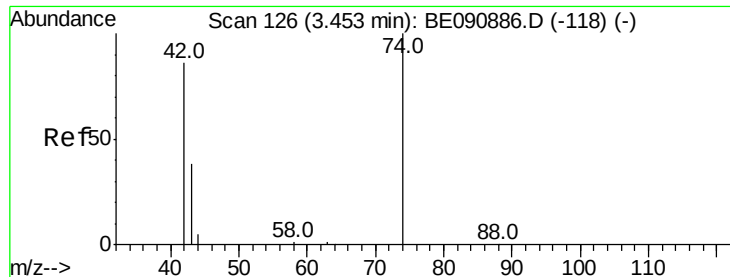
Tgt Ion: 152 Resp: 28232
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.2 183.4
 115 66.2 51.0 76.4



#2
 1,4-Dioxane
 Concen: 3.51 ng
 RT: 3.15 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: BE090919.D
 Acq: 21 Sep 2015 15:35

Tgt Ion: 88 Resp: 13171
 Ion Ratio Lower Upper
 88 100
 58 90.2 68.4 102.6
 43 33.9 26.9 40.3





#3

n-Nitrosodimethylamine

Concen: 3.30 ng

RT: 3.45 min Scan# 125

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampled :

PB85661BS

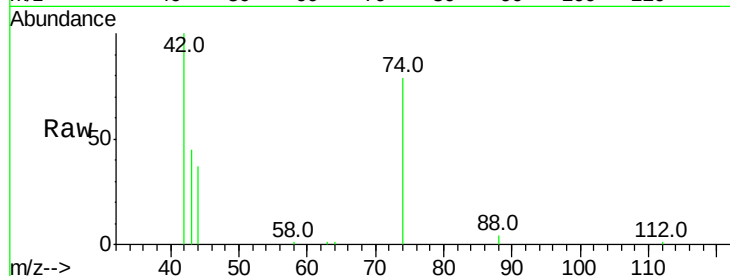
Tgt Ion: 42 Resp: 16854

Ion Ratio Lower Upper

42 100

74 109.8 83.7 125.5

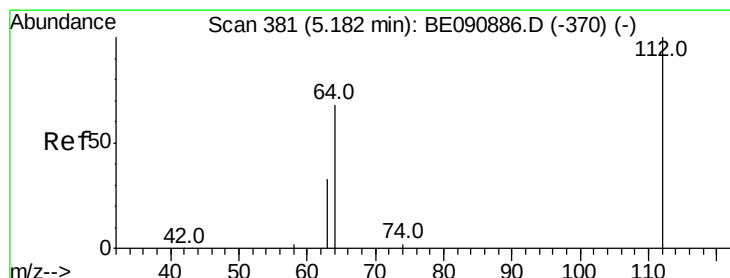
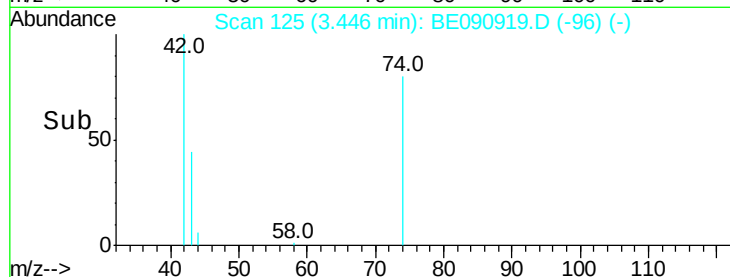
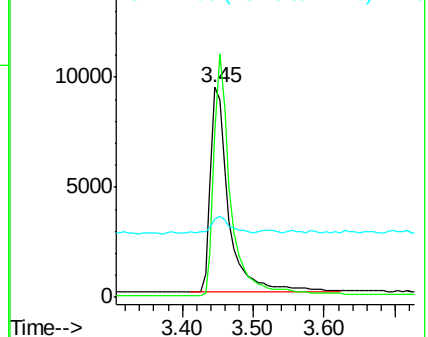
44 8.5 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE090919.D (-96) (-)

Ion 74.00 (73.70 to 74.70): BE090919.D (-96) (-)

Ion 44.00 (43.70 to 44.70): BE090919.D (-96) (-)



#4

2-Fluorophenol

Concen: 6.24 ng

RT: 5.18 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

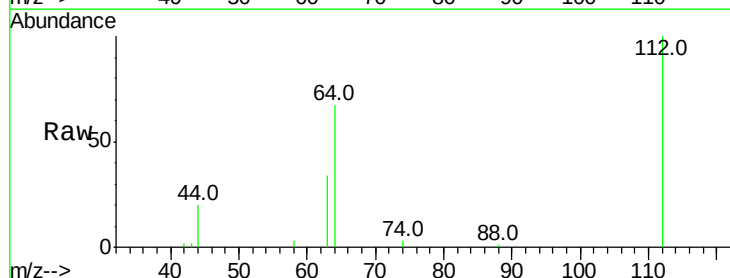
Tgt Ion: 112 Resp: 39530

Ion Ratio Lower Upper

112 100

64 72.6 57.3 85.9

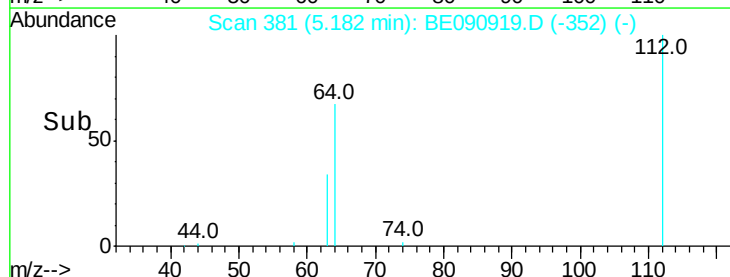
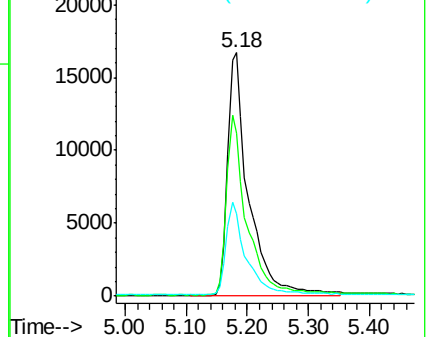
63 37.2 29.2 43.8

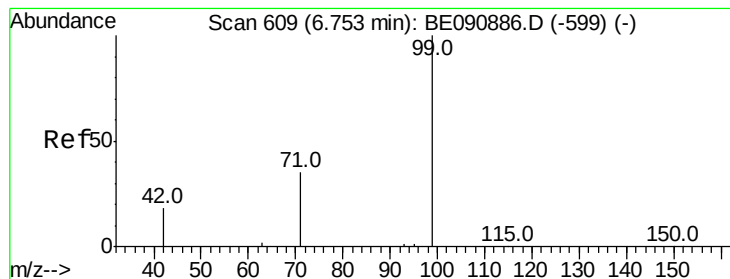


Abundance Ion 112.00 (111.70 to 112.70): BE090919.D (-352) (-)

Ion 64.00 (63.70 to 64.70): BE090919.D (-352) (-)

Ion 63.00 (62.70 to 63.70): BE090919.D (-352) (-)





#5

Phenol-d6

Concen: 6.81 ng

RT: 6.74 min Scan# 607

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

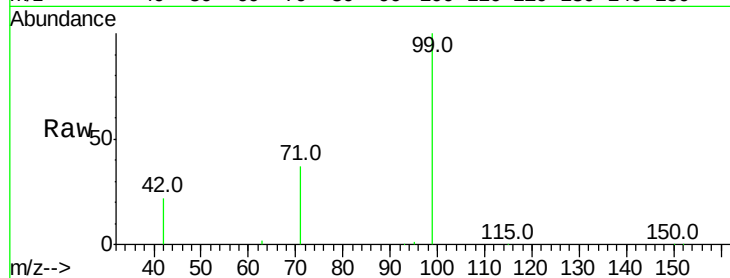
Tgt Ion: 99 Resp: 59969

Ion Ratio Lower Upper

99 100

42 22.1 16.8 25.2

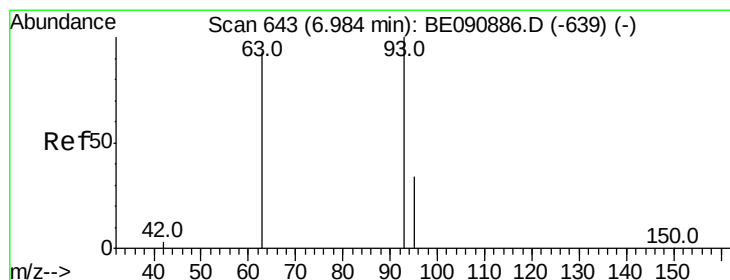
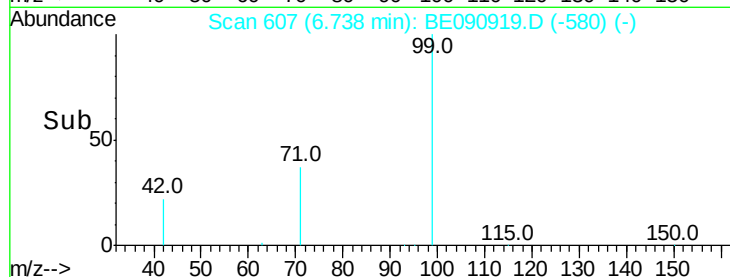
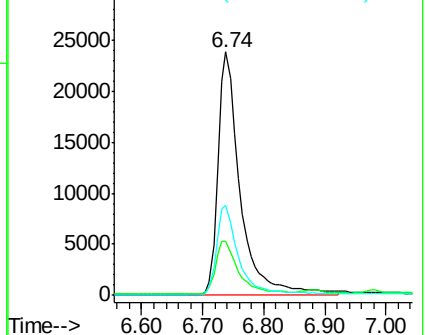
71 36.5 28.3 42.5



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

bis(2-Chloroethyl)ether

Concen: 3.54 ng

RT: 6.98 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

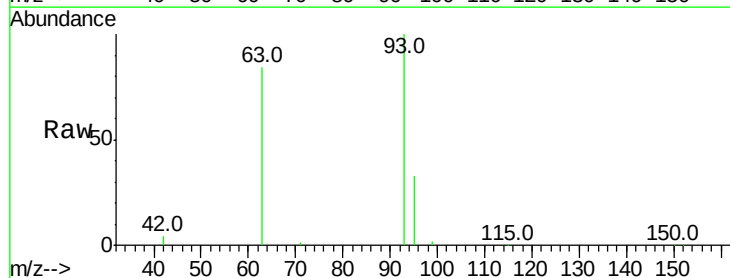
Tgt Ion: 93 Resp: 28306

Ion Ratio Lower Upper

93 100

63 87.7 68.5 102.7

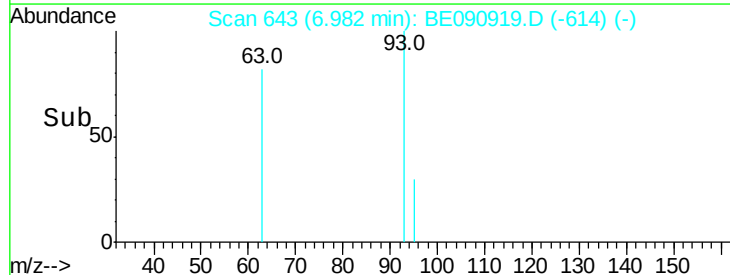
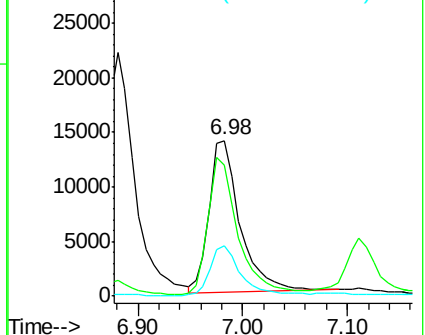
95 32.1 26.9 40.3

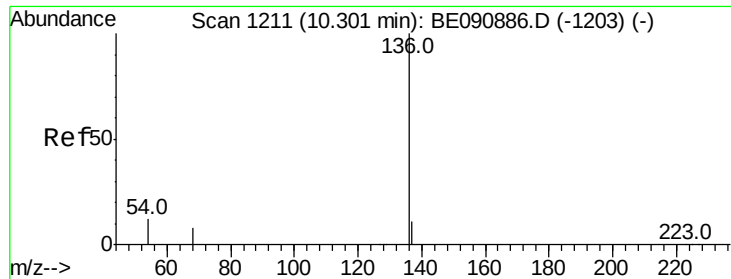


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.29 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

Tgt Ion:136 Resp: 126819

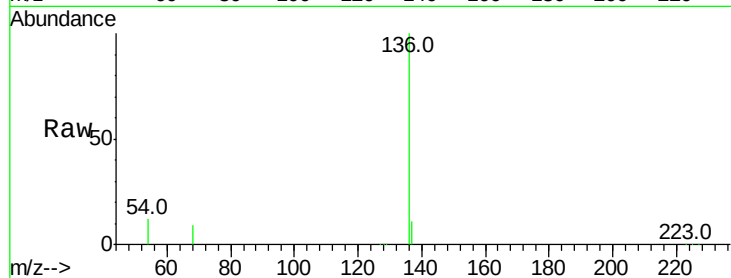
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.2 9.0 13.6

68 8.7 6.3 9.5

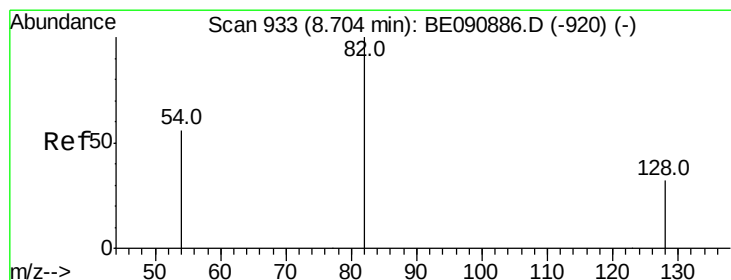
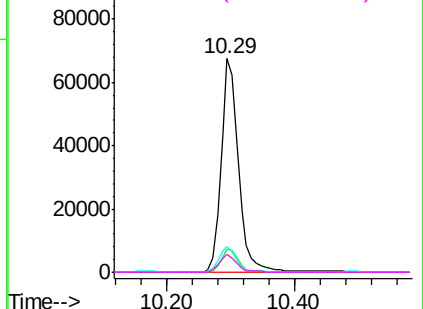
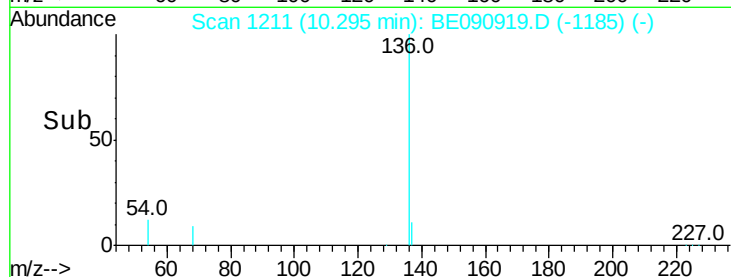


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.61 ng

RT: 8.69 min Scan# 930

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

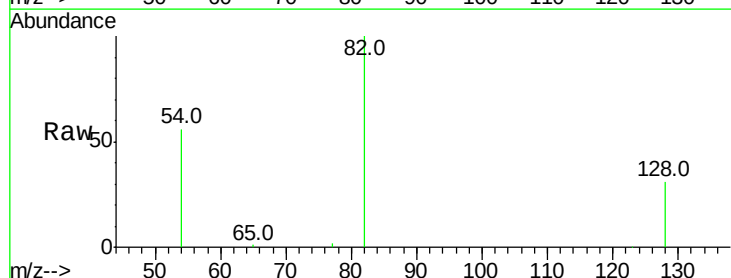
Tgt Ion: 82 Resp: 31523

Ion Ratio Lower Upper

82 100

128 30.6 25.0 37.4

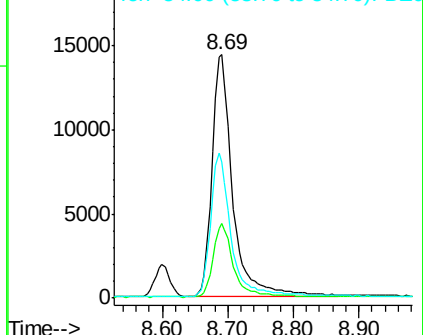
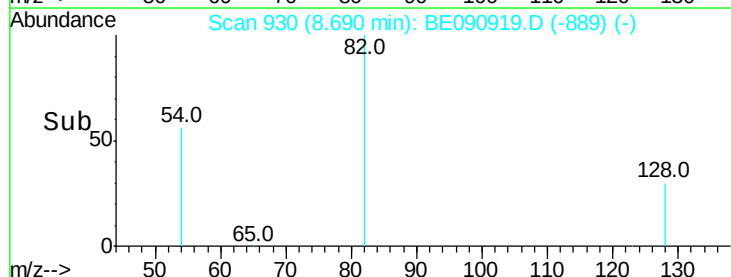
54 56.0 46.3 69.5

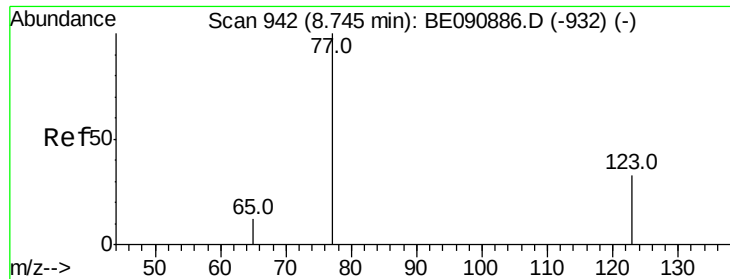


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.50 ng

RT: 8.73 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

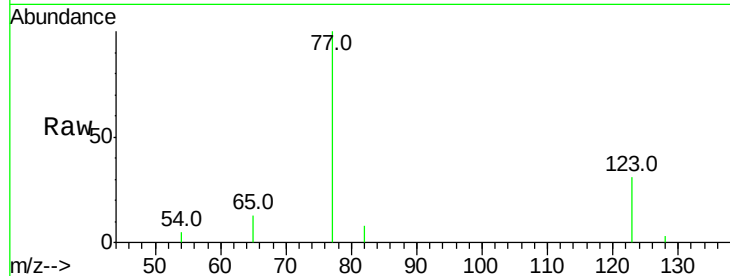
Tgt Ion: 77 Resp: 33990

Ion Ratio Lower Upper

77 100

123 32.3 25.1 37.7

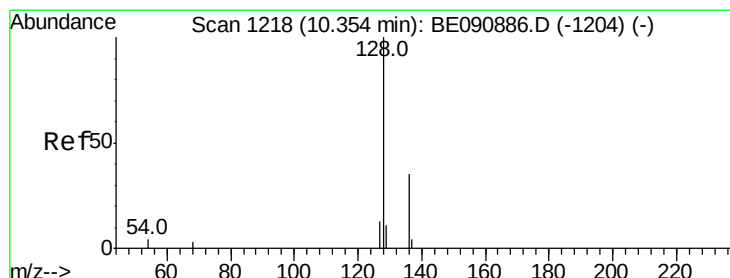
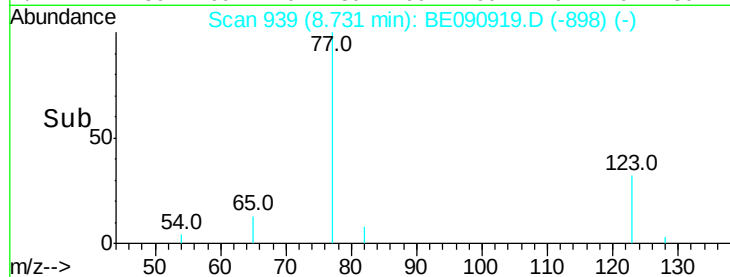
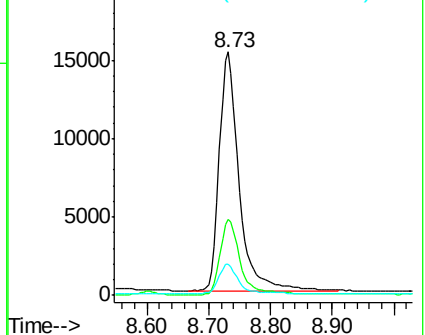
65 12.6 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE090919.D (-898) (-)

Ion 123.00 (122.70 to 123.70): BE090919.D (-898) (-)

Ion 65.00 (64.70 to 65.70): BE090919.D (-898) (-)



#10

Naphthalene

Concen: 3.70 ng

RT: 10.35 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

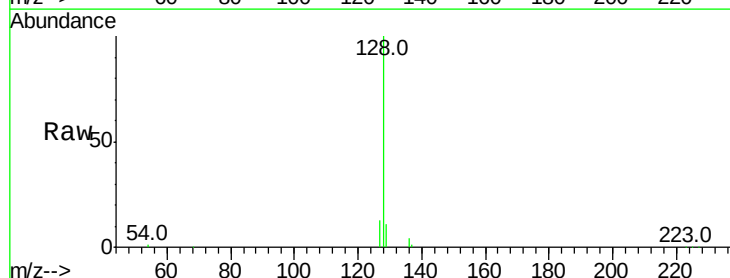
Tgt Ion: 128 Resp: 91465

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

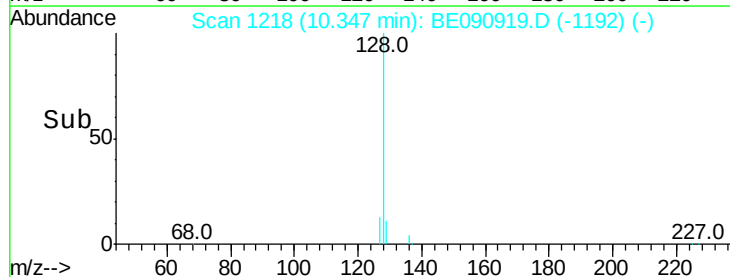
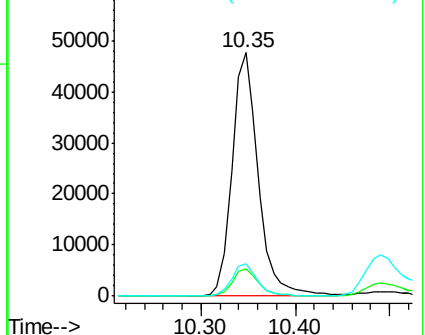
127 13.2 9.9 14.9

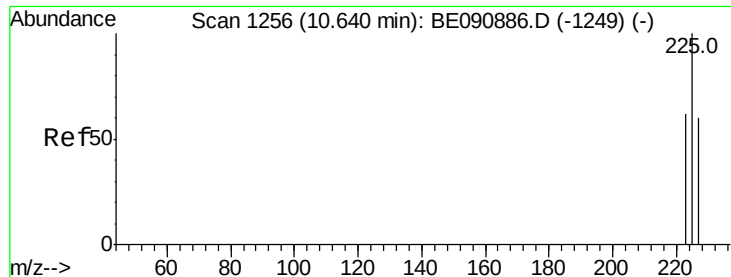


Abundance Ion 128.00 (127.70 to 128.70): BE090919.D (-1192) (-)

Ion 129.00 (128.70 to 129.70): BE090919.D (-1192) (-)

Ion 127.00 (126.70 to 127.70): BE090919.D (-1192) (-)

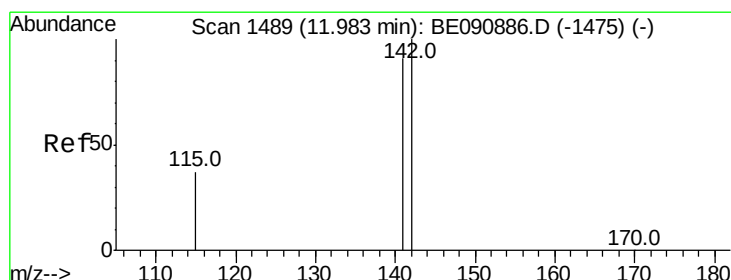
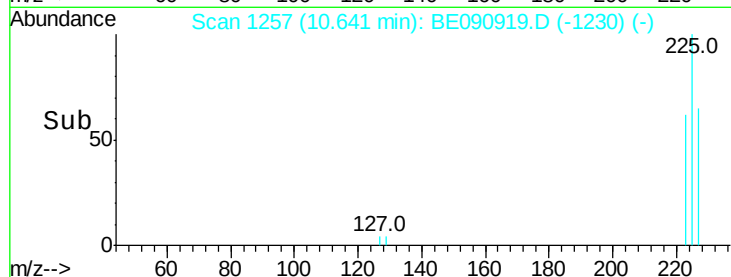
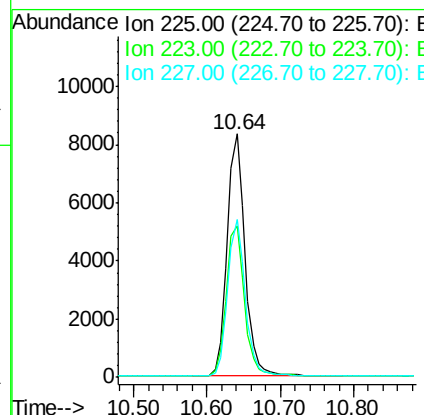
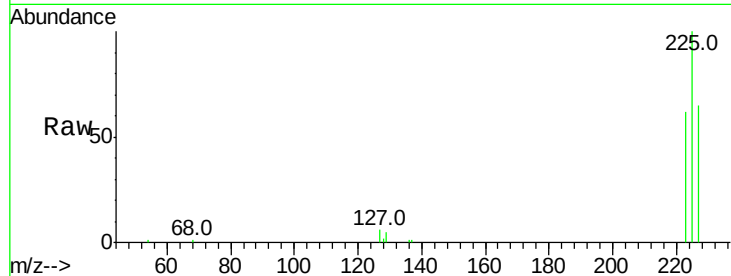




#11
Hexachlorobutadiene
Concen: 3.85 ng
RT: 10.64 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE090919.D
Acq: 21 Sep 2015 15:35

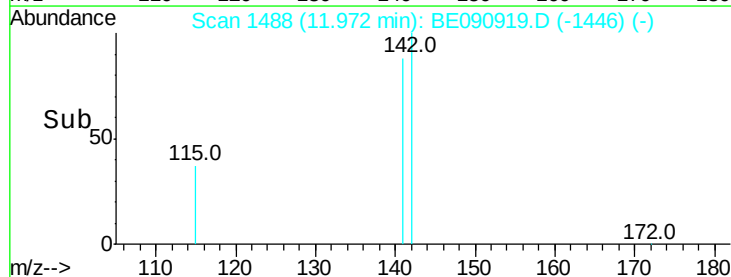
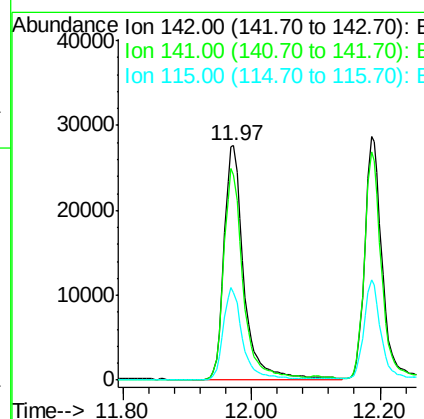
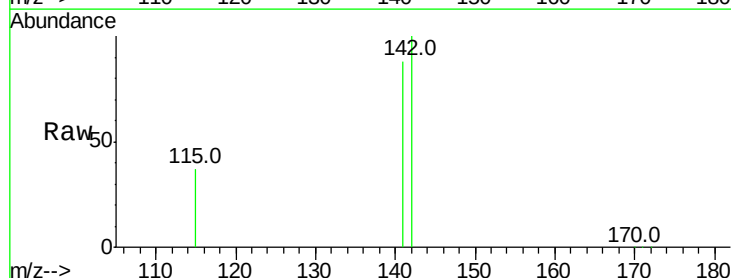
Instrument :
BNA_E
ClientSampled :
PB85661BS

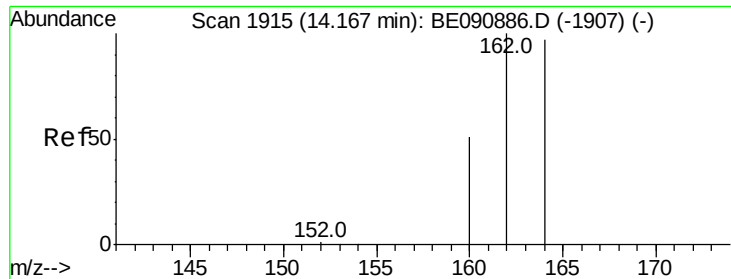
Tgt Ion: 225 Resp: 14169
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 63.9 51.0 76.6



#12
2-Methylnaphthalene
Concen: 3.44 ng
RT: 11.97 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BE090919.D
Acq: 21 Sep 2015 15:35

Tgt Ion: 142 Resp: 58738
Ion Ratio Lower Upper
142 100
141 87.7 71.4 107.2
115 37.2 31.0 46.4





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

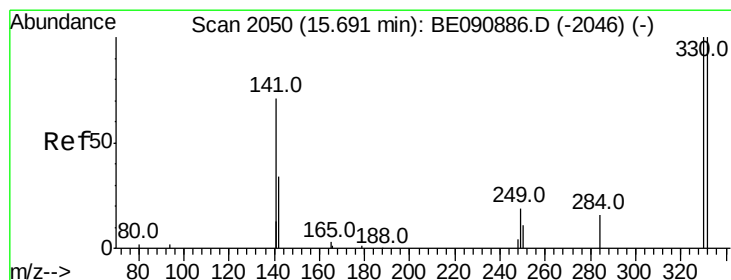
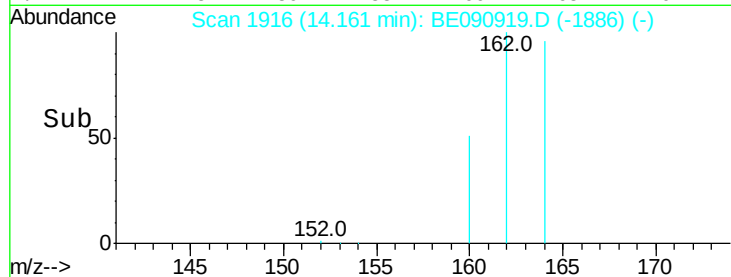
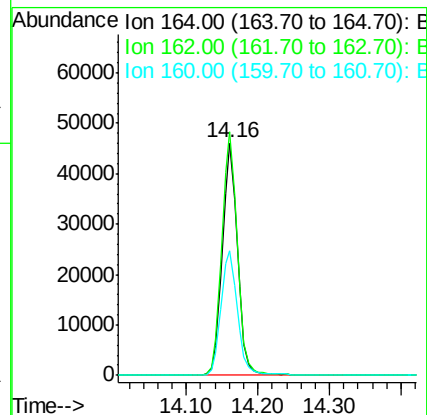
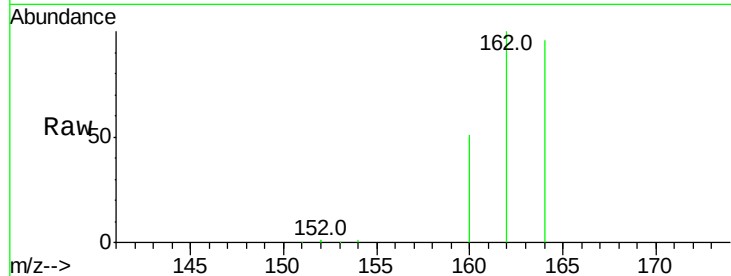
Tgt Ion:164 Resp: 67491

Ion Ratio Lower Upper

164 100

162 104.7 86.8 130.2

160 53.7 53.9 80.9#



#14

2,4,6-Tribromophenol

Concen: 6.60 ng

RT: 15.67 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

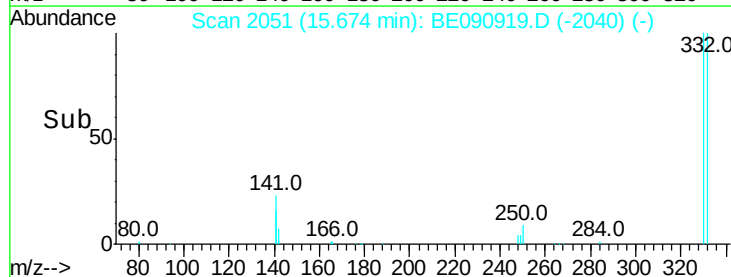
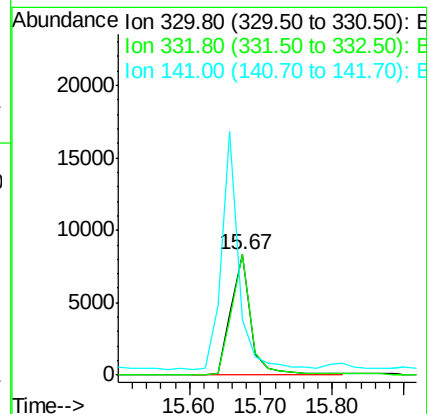
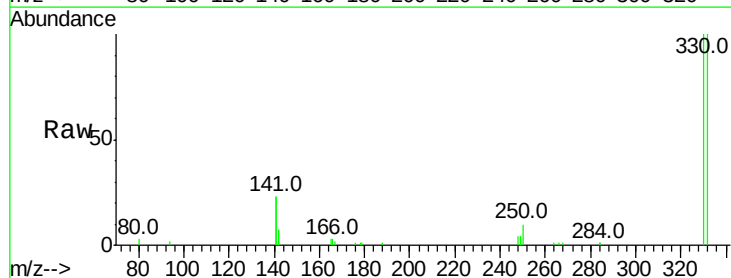
Tgt Ion:330 Resp: 15722

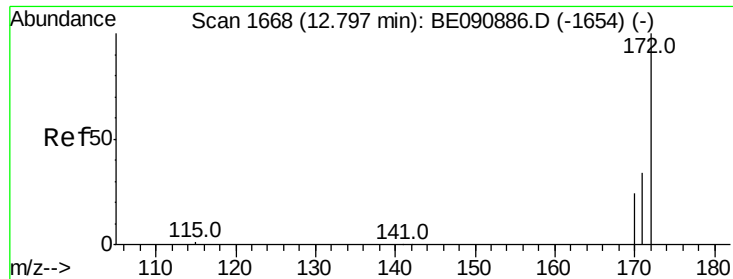
Ion Ratio Lower Upper

330 100

332 97.7 74.9 112.3

141 175.0 145.2 217.8

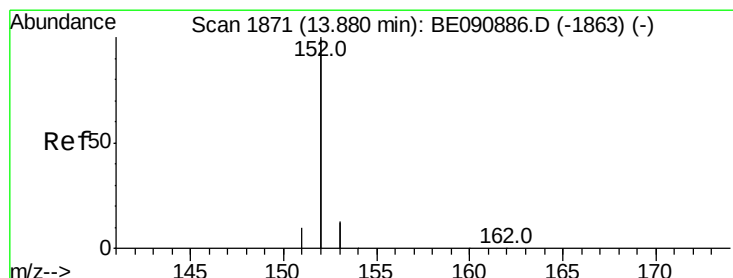
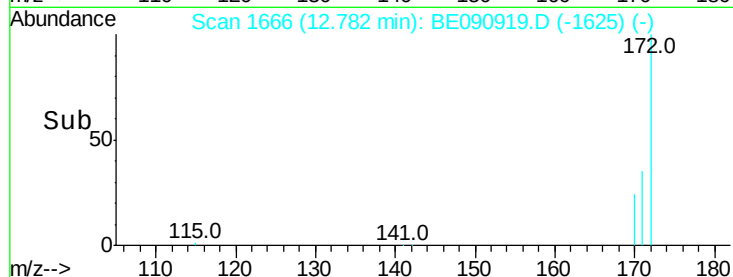
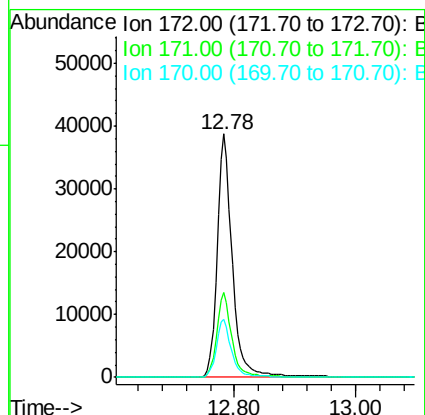
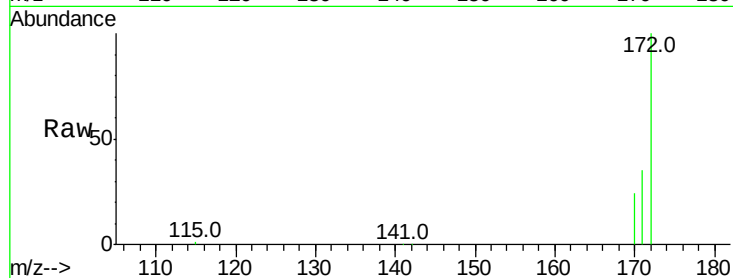




#15
2-Fluorobiphenyl
Concen: 3.53 ng
RT: 12.78 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE090919.D
Acq: 21 Sep 2015 15:35

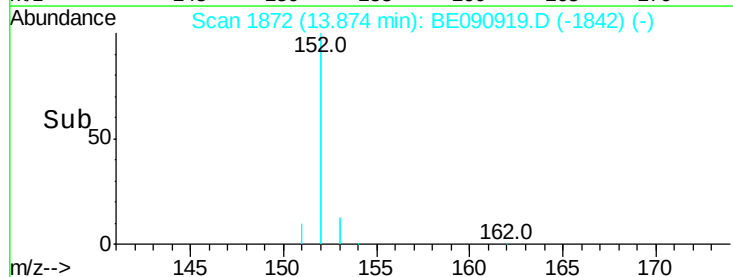
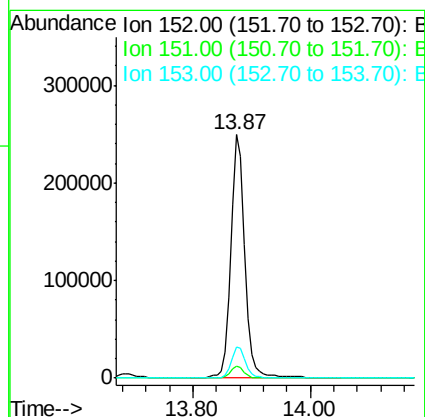
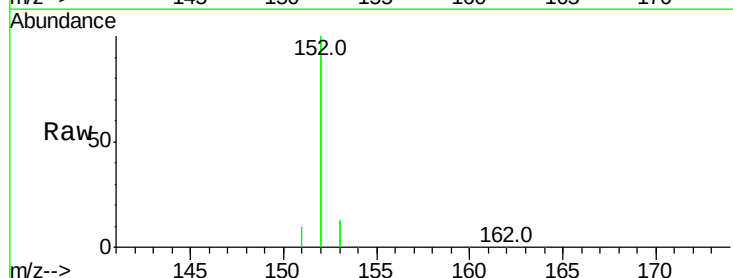
Instrument :
BNA_E
ClientSampleId :
PB85661BS

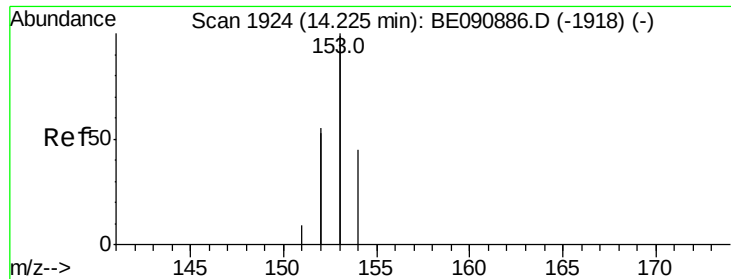
Tgt Ion:172 Resp: 67456
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.7 19.8 29.6



#16
Acenaphthylene
Concen: 3.45 ng
RT: 13.87 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BE090919.D
Acq: 21 Sep 2015 15:35

Tgt Ion:152 Resp: 405387
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 3.54 ng

RT: 14.22 min Scan# 1925

Delta R.T. -0.01 min

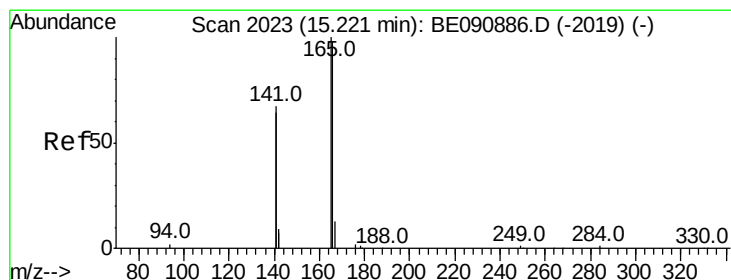
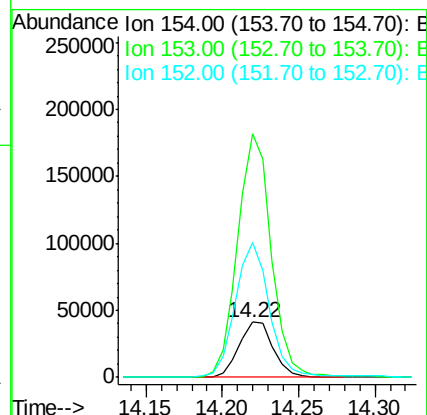
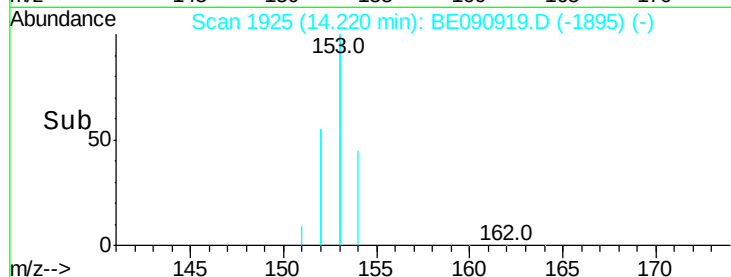
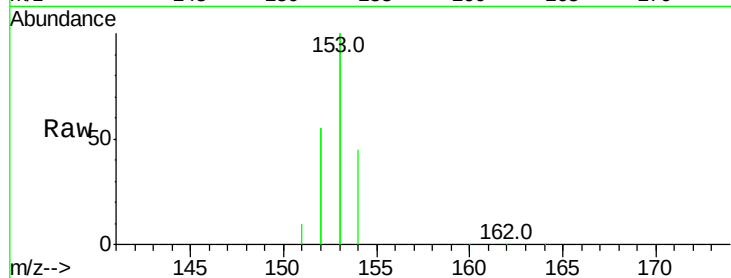
Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :
BNA_E
ClientSampleId :
PB85661BS

Tgt Ion:154 Resp: 64122

Ion	Ratio	Lower	Upper
154	100		
153	436.7	354.5	531.7
152	242.7	227.8	341.6



#18

Fluorene

Concen: 4.00 ng

RT: 15.22 min Scan# 2025

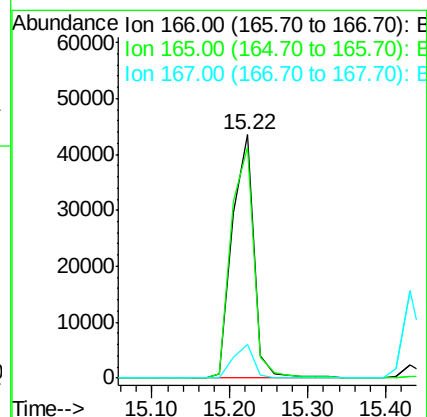
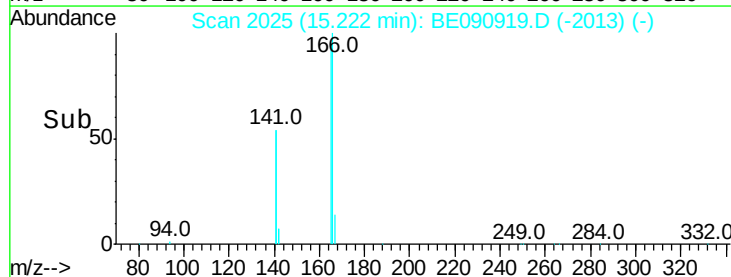
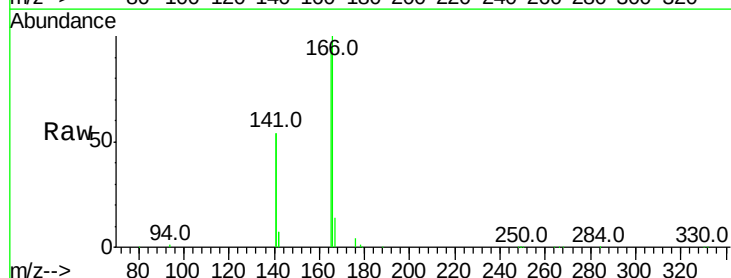
Delta R.T. 0.00 min

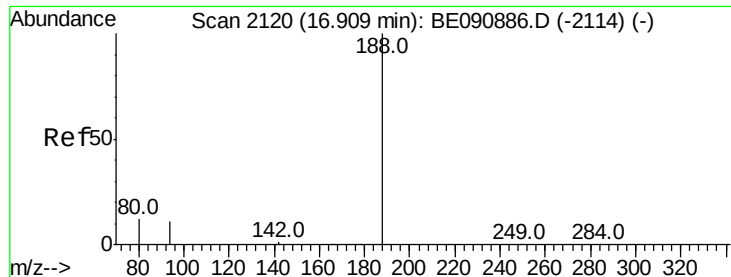
Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Tgt Ion:166 Resp: 82733

Ion	Ratio	Lower	Upper
166	100		
165	99.5	82.7	124.1
167	13.4	10.7	16.1





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

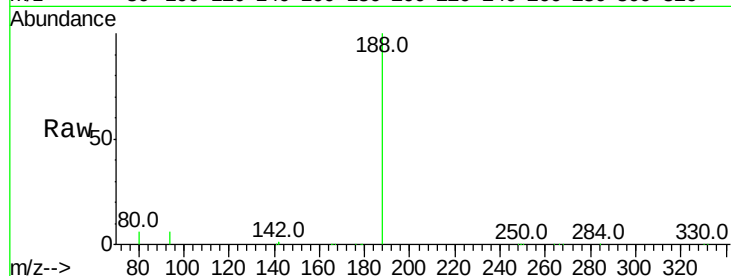
Tgt Ion:188 Resp: 157880

Ion Ratio Lower Upper

188 100

94 6.2 10.3 15.5#

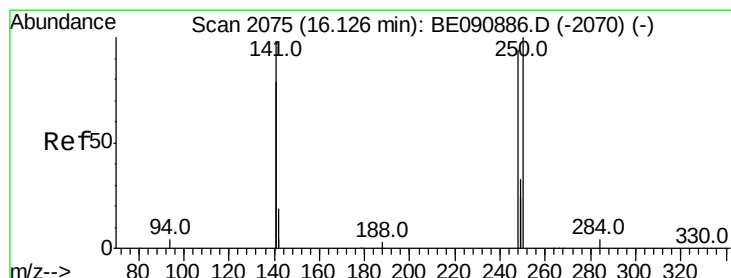
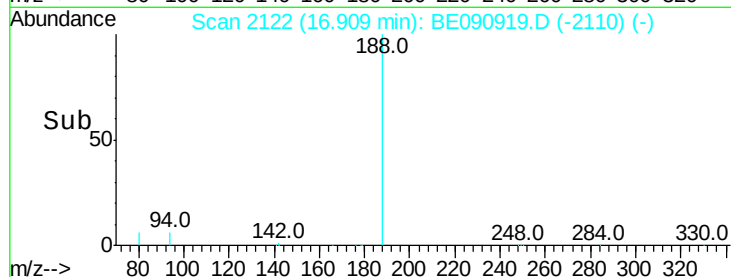
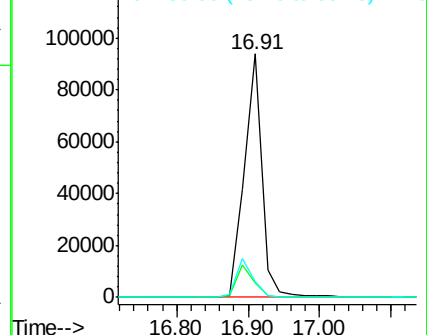
80 6.4 11.0 16.6#



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



#20

4-Bromophenyl-phenylether

Concen: 3.64 ng

RT: 16.11 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

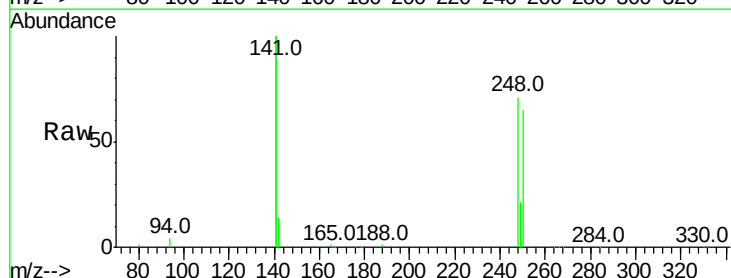
Tgt Ion:248 Resp: 22213

Ion Ratio Lower Upper

248 100

250 97.2 76.7 115.1

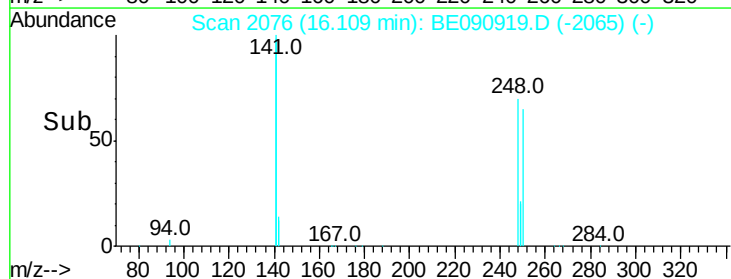
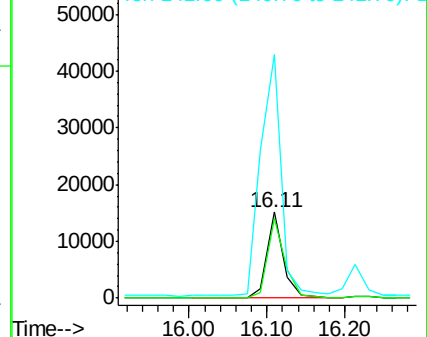
141 351.7 292.6 439.0

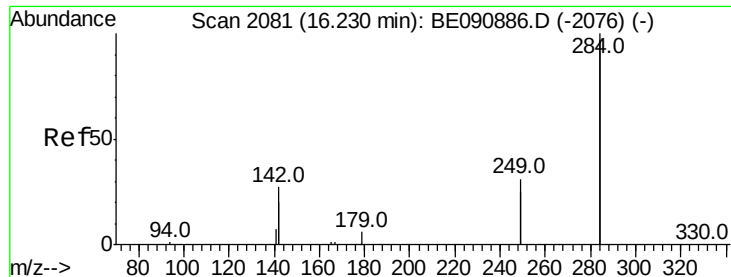


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.15 ng

RT: 16.23 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

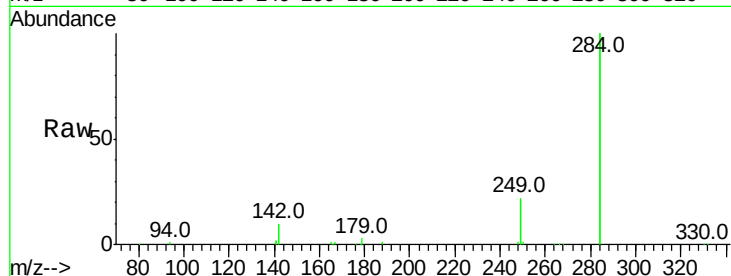
Tgt Ion:284 Resp: 104903

Ion Ratio Lower Upper

284 100

142 43.3 35.0 52.4

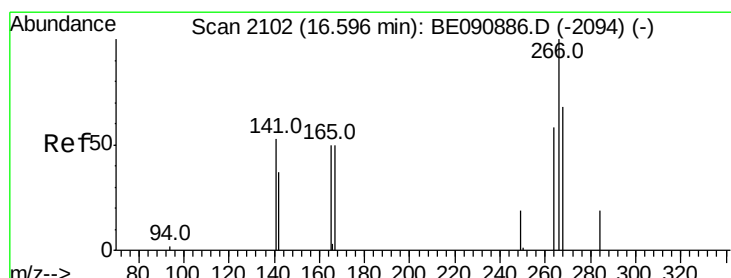
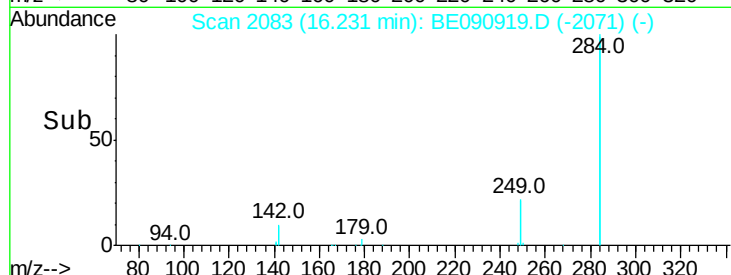
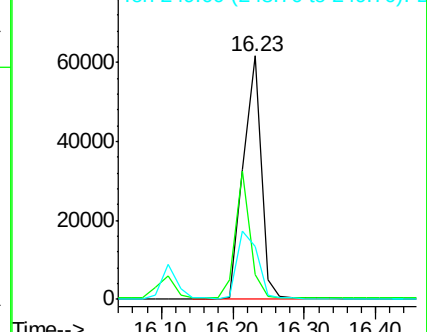
249 31.6 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 5.67 ng

RT: 16.58 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

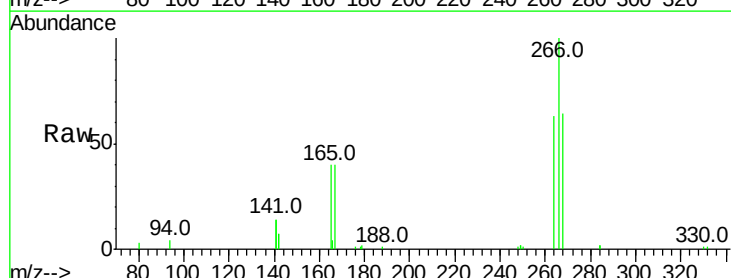
Tgt Ion:266 Resp: 16572

Ion Ratio Lower Upper

266 100

268 64.3 49.6 74.4

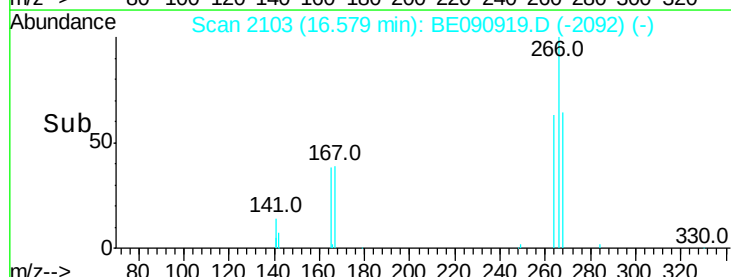
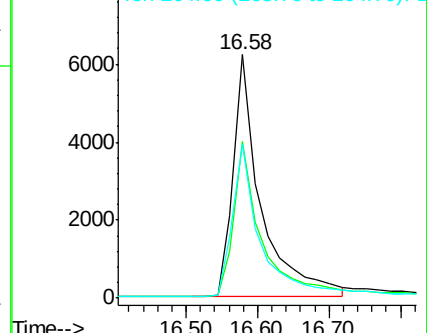
264 63.1 53.9 80.9

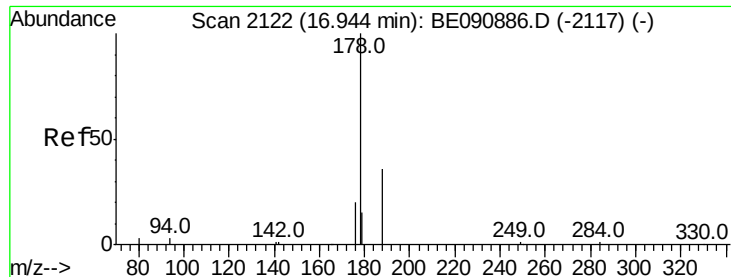


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 4.12 ng

RT: 16.94 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

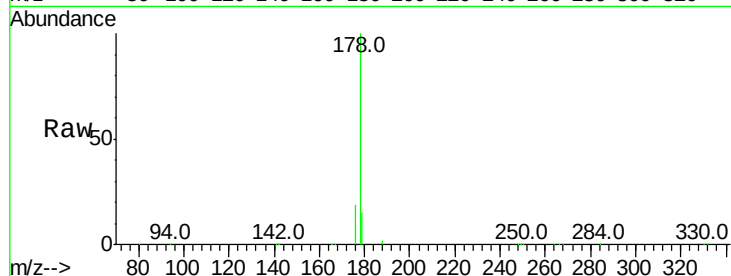
Tgt Ion:178 Resp: 150156

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

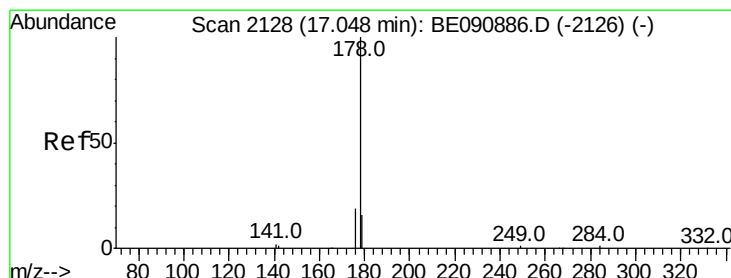
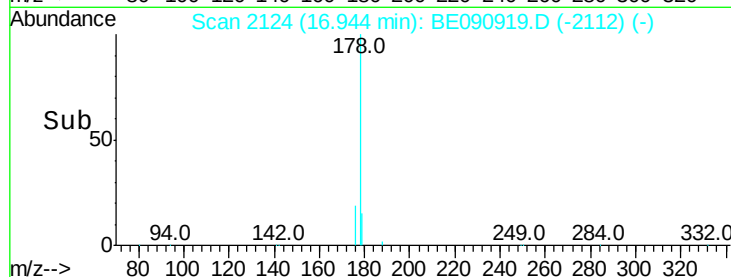
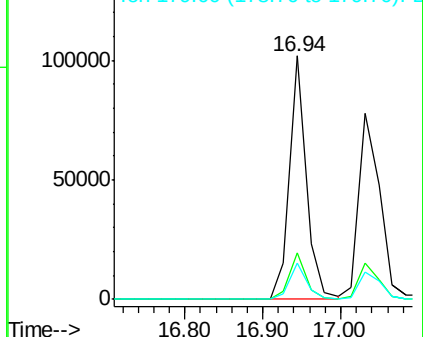
179 15.3 12.8 19.2



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

Anthracene

Concen: 4.01 ng

RT: 17.03 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

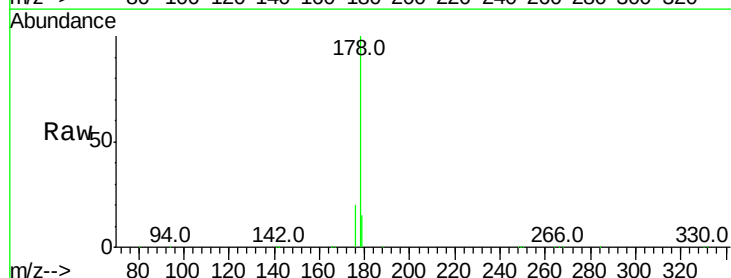
Tgt Ion:178 Resp: 144759

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

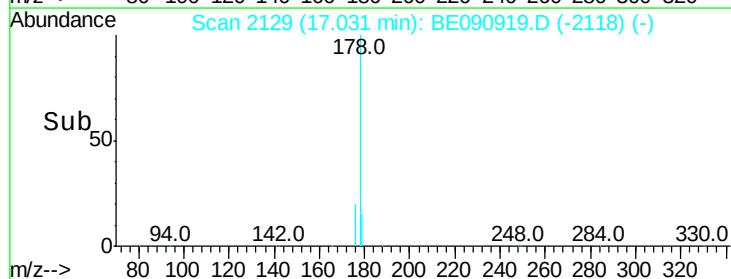
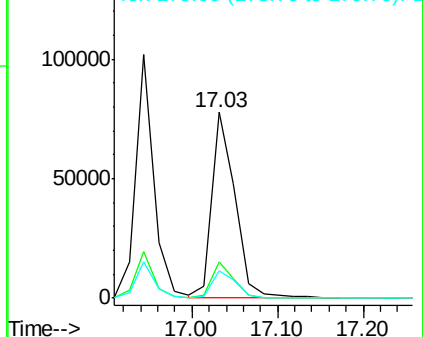
179 15.3 12.3 18.5

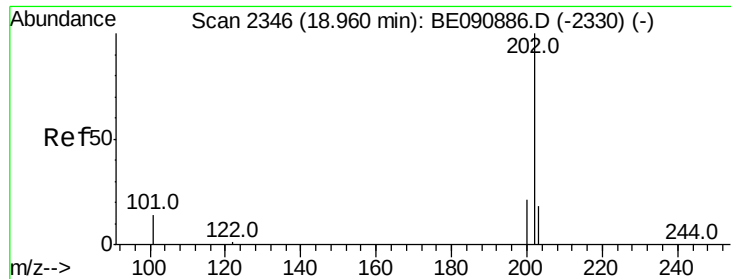


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.65 ng

RT: 18.95 min Scan# 2346

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

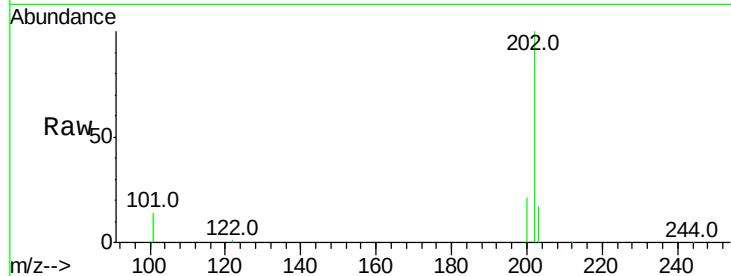
Instrument :

BNA_E

ClientSampleId :

PB85661BS

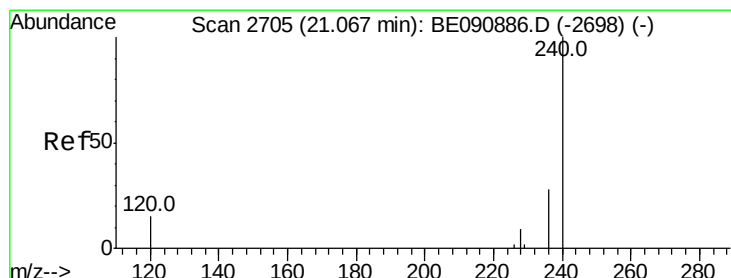
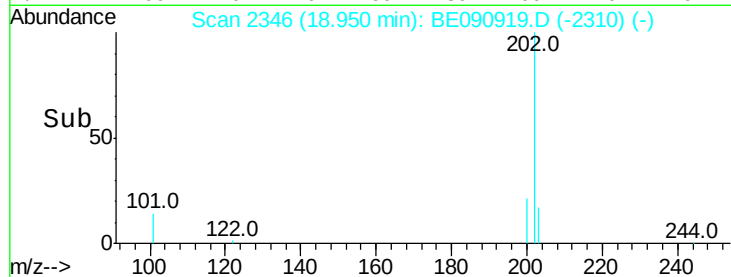
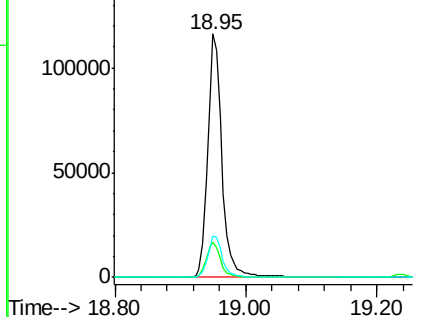
Tgt Ion:	202	Resp:	175711
Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.6
203	17.1	13.9	20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

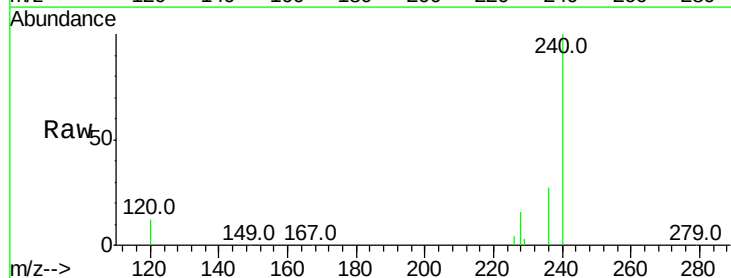
RT: 21.07 min Scan# 2707

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

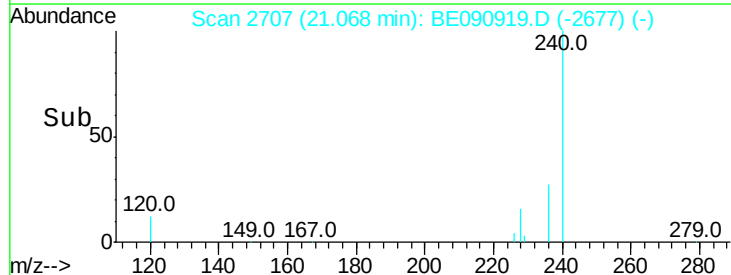
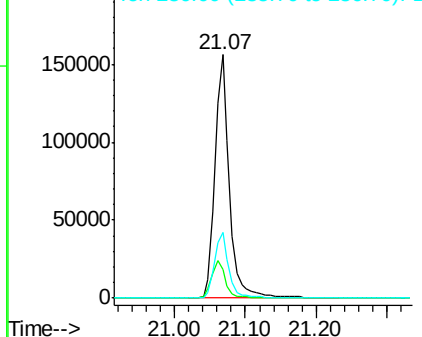
Tgt Ion:	240	Resp:	220863
Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.1	15.1
236	27.0	21.9	32.9

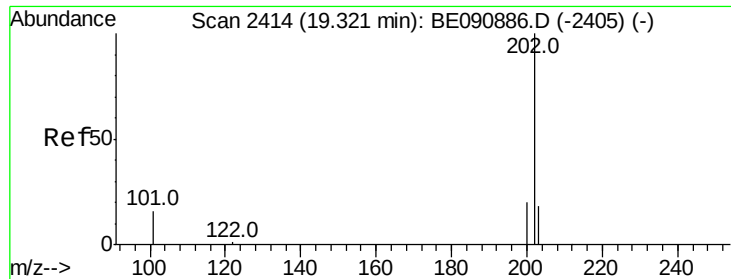


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

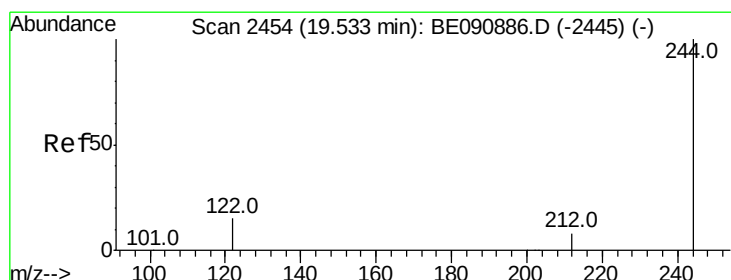
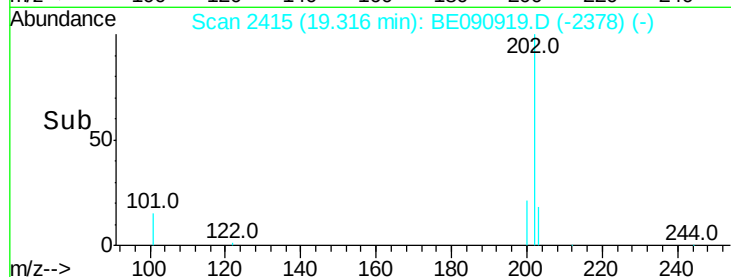
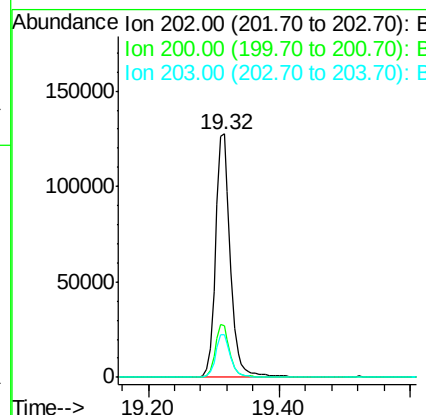
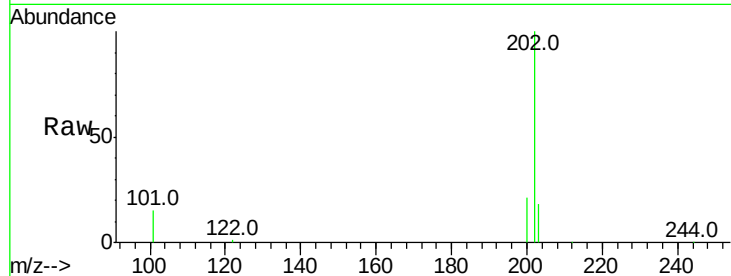




#27
 Pyrene
 Concen: 3.96 ng
 RT: 19.32 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BE090919.D
 Acq: 21 Sep 2015 15:35

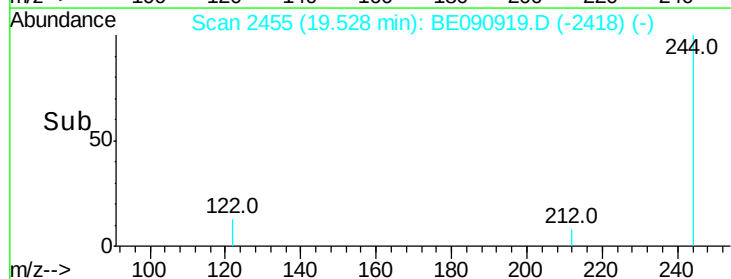
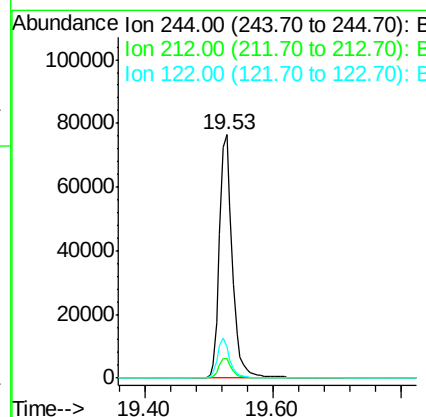
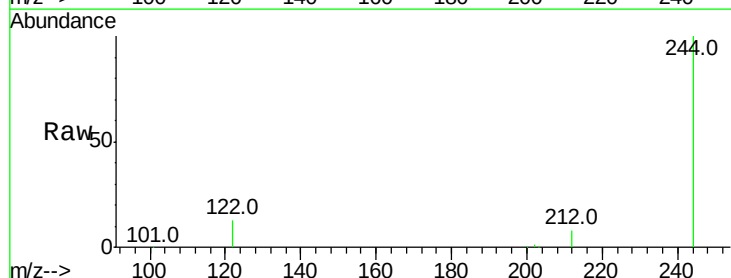
Instrument :
 BNA_E
 ClientSampleId :
 PB85661BS

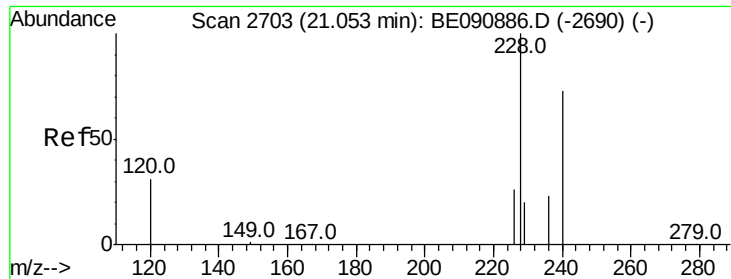
Tgt Ion: 202 Resp: 199745
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 17.9 13.8 20.6



#28
 Terphenyl-d14
 Concen: 4.28 ng
 RT: 19.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BE090919.D
 Acq: 21 Sep 2015 15:35

Tgt Ion: 244 Resp: 107148
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 12.8 12.9 19.3#





#29

Benzo(a)anthracene

Concen: 3.64 ng

RT: 21.05 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

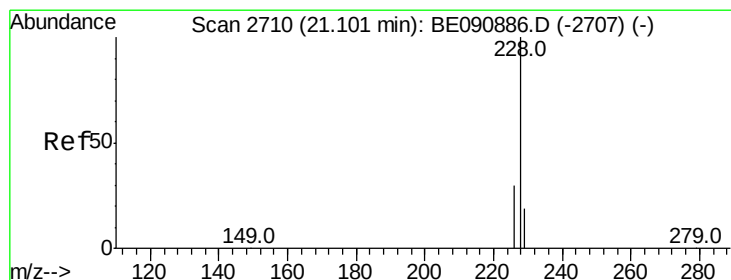
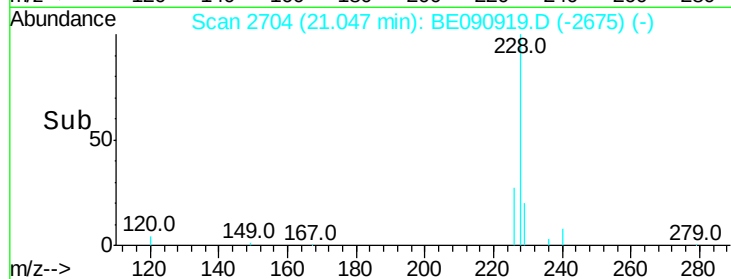
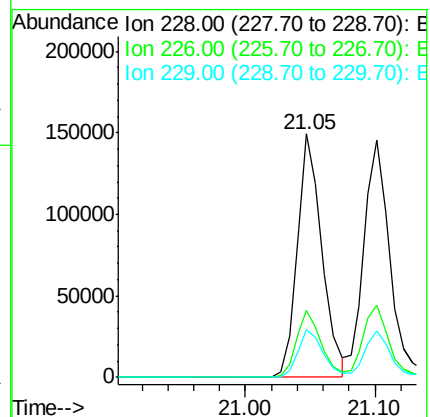
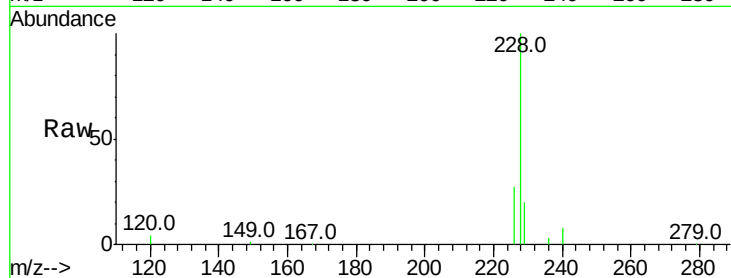
Tgt Ion:228 Resp: 198862

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.5 15.9 23.9



#30

Chrysene

Concen: 4.05 ng

RT: 21.10 min Scan# 2712

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

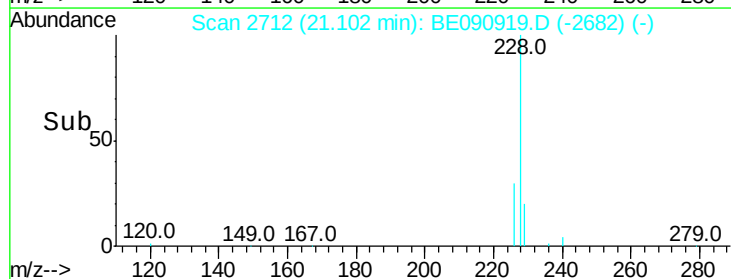
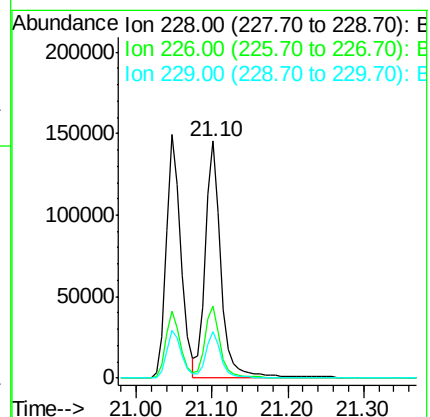
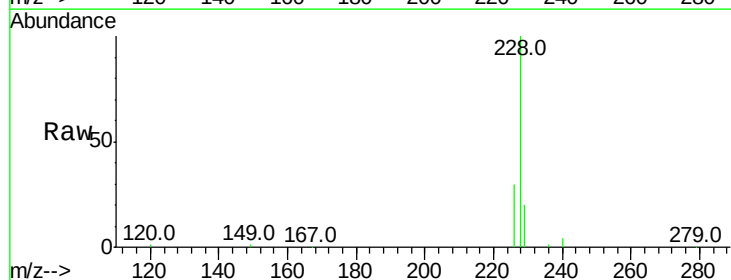
Tgt Ion:228 Resp: 207236

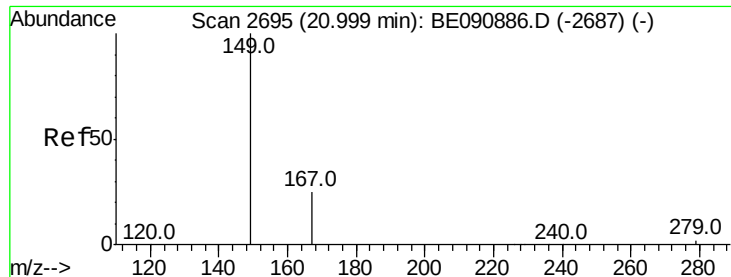
Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 19.7 15.3 22.9





#31

Bis(2-ethylhexyl)phthalate

Concen: 2.73 ng

RT: 20.99 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

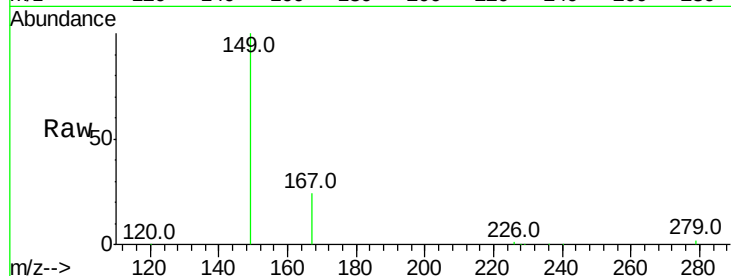
Tgt Ion:149 Resp: 66710

Ion Ratio Lower Upper

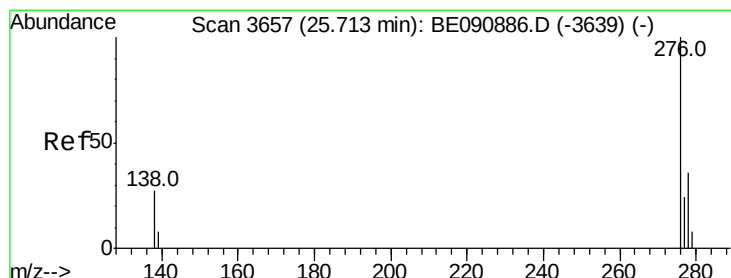
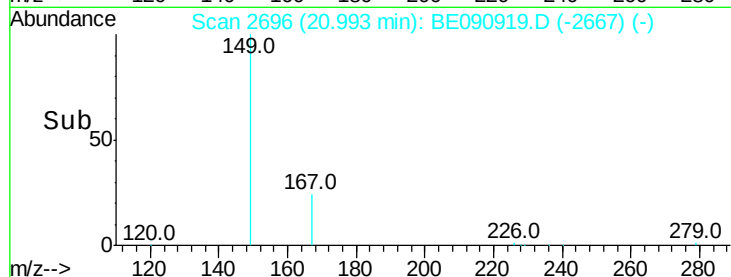
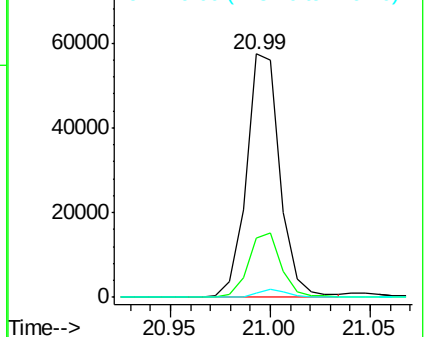
149 100

167 25.9 20.1 30.1

279 2.9 2.3 3.5



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



#32

Indeno(1,2,3-cd)pyrene

Concen: 3.31 ng

RT: 25.71 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

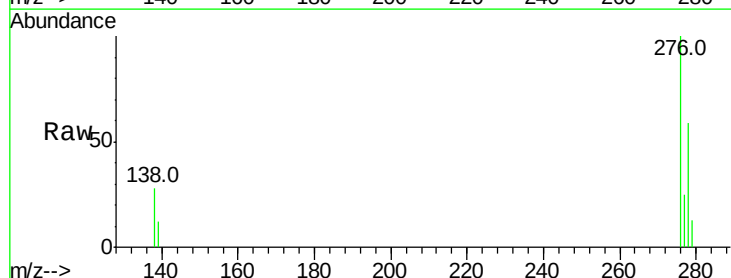
Tgt Ion:276 Resp: 212479

Ion Ratio Lower Upper

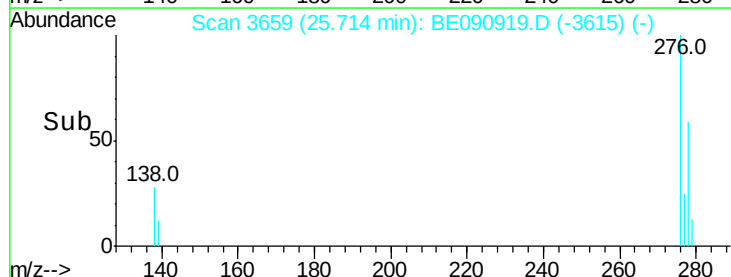
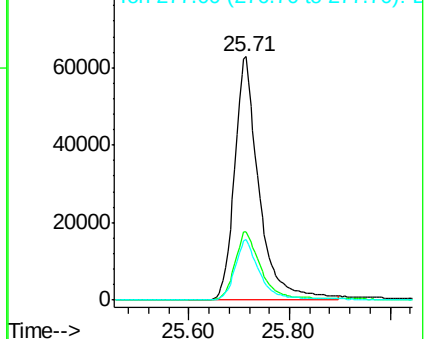
276 100

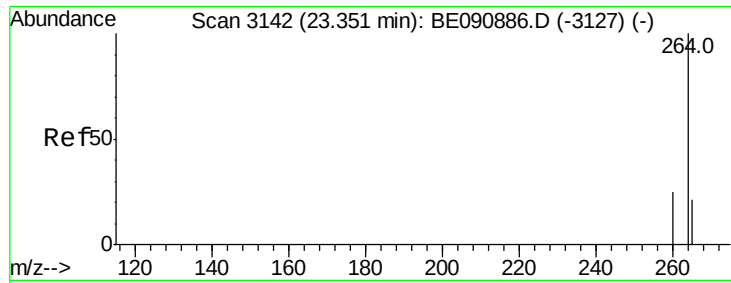
138 30.0 23.3 34.9

277 25.0 19.8 29.6



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

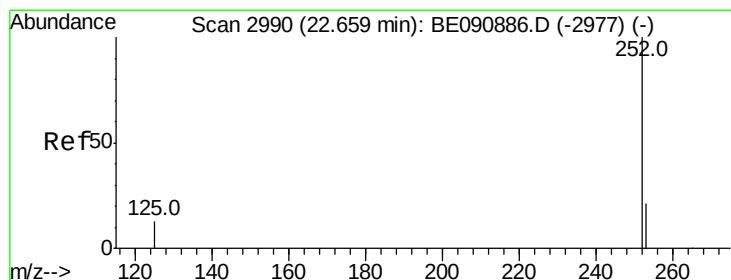
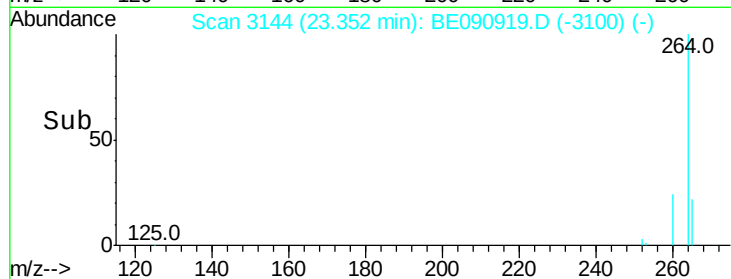
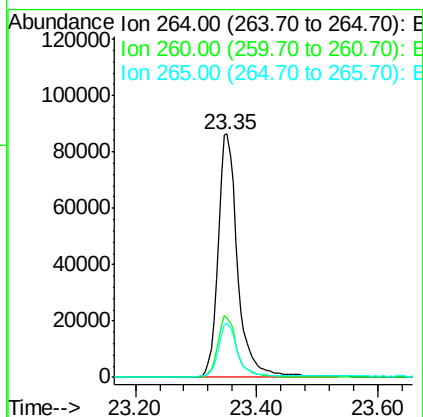
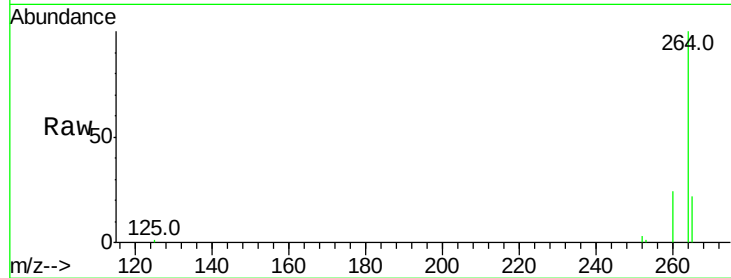




#33
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BE090919.D
 Acq: 21 Sep 2015 15:35

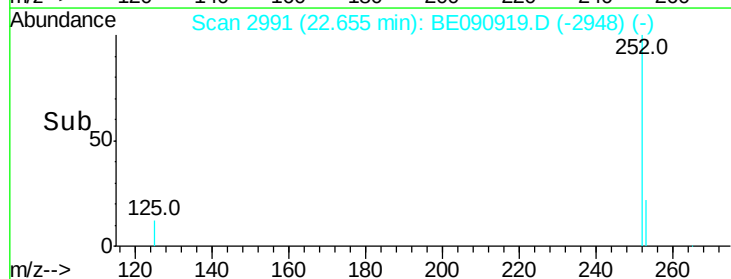
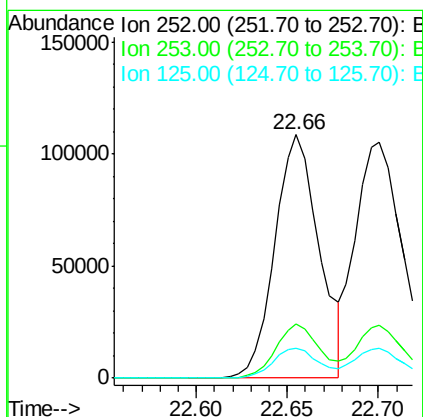
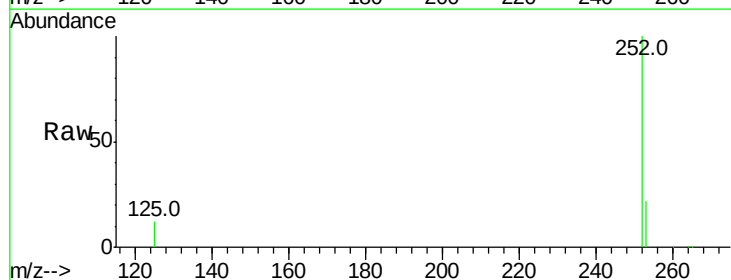
Instrument :
 BNA_E
 ClientSampleId :
 PB85661BS

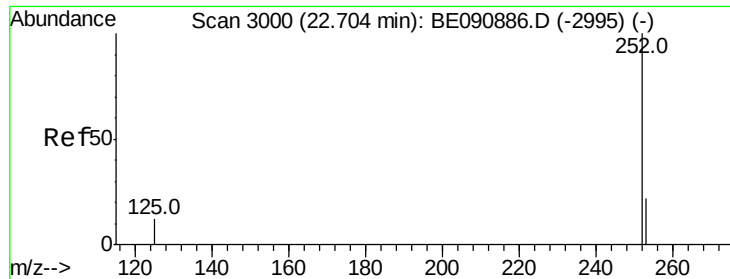
Tgt Ion: 264 Resp: 193731
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 22.1 17.5 26.3



#34
Benzo(b)fluoranthene
 Concen: 4.05 ng
 RT: 22.66 min Scan# 2991
 Delta R.T. -0.00 min
 Lab File: BE090919.D
 Acq: 21 Sep 2015 15:35

Tgt Ion: 252 Resp: 183842
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.9 26.9
 125 12.5 10.6 16.0

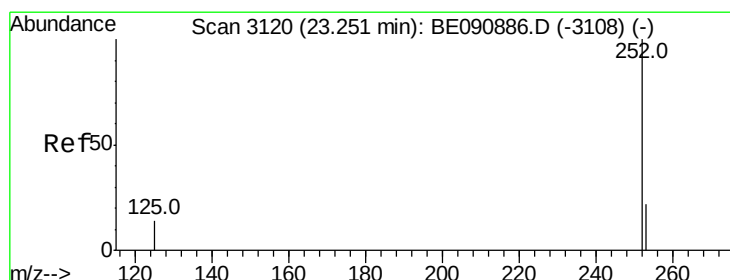
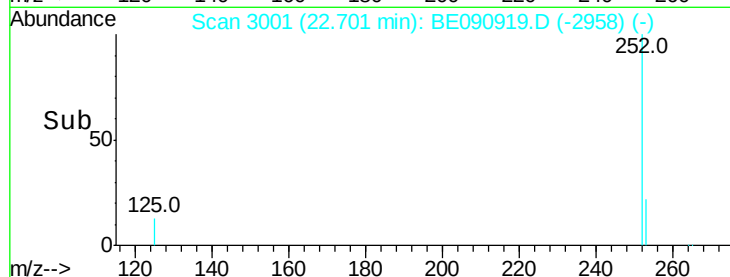
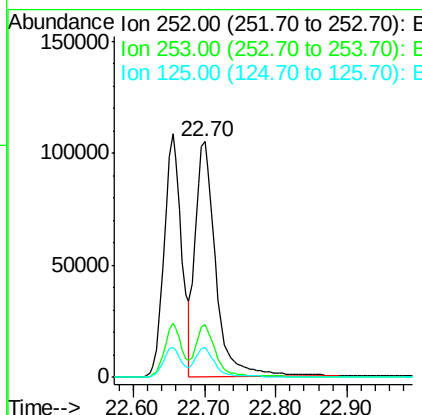
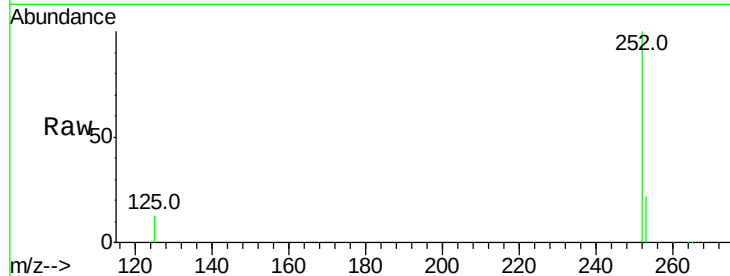




#35
Benzo(k)fluoranthene
Concen: 3.96 ng
RT: 22.70 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BE090919.D
Acq: 21 Sep 2015 15:35

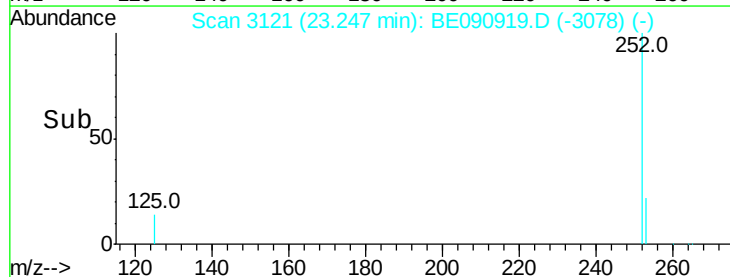
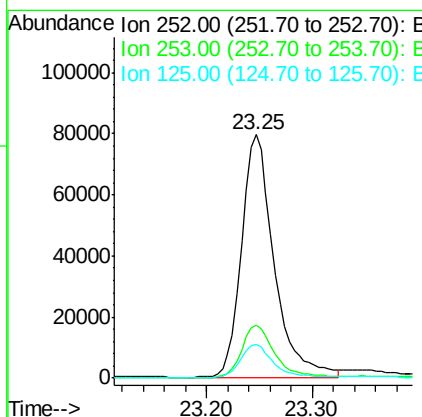
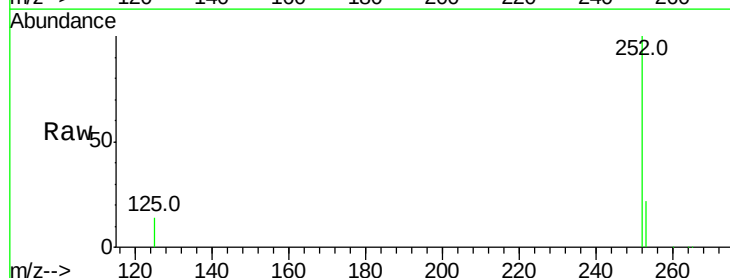
Instrument :
BNA_E
ClientSampleId :
PB85661BS

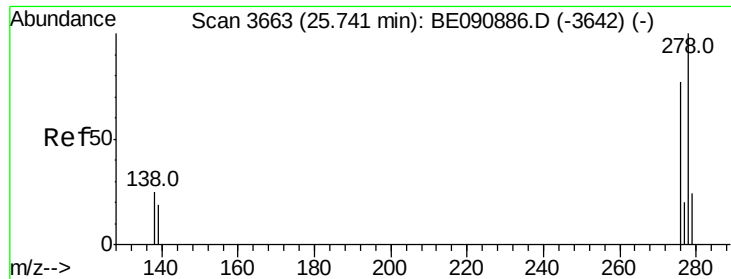
Tgt Ion:252 Resp: 206861
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.6 10.1 15.1



#36
Benzo(a)pyrene
Concen: 3.94 ng
RT: 23.25 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BE090919.D
Acq: 21 Sep 2015 15:35

Tgt Ion:252 Resp: 170139
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 13.8 18.0 27.0#





#37

Dibenzo(a,h)anthracene

Concen: 3.87 ng

RT: 25.73 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

Instrument :

BNA_E

ClientSampleId :

PB85661BS

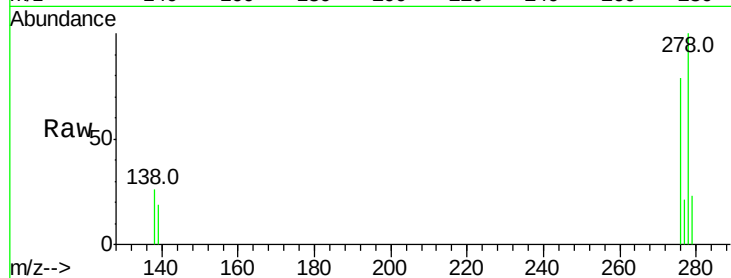
Tgt Ion:278 Resp: 173767

Ion Ratio Lower Upper

278 100

139 19.4 15.4 23.0

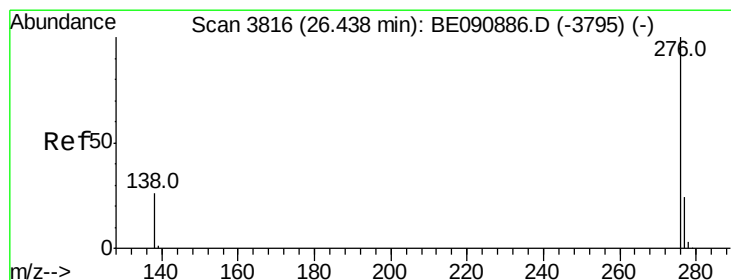
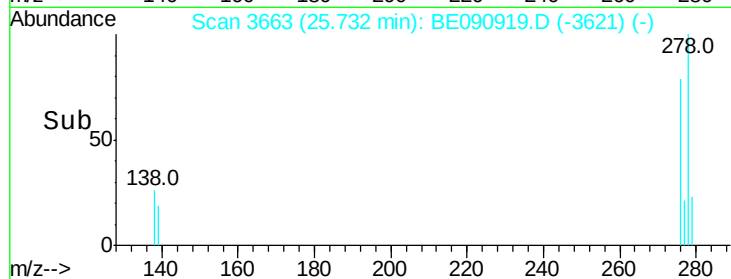
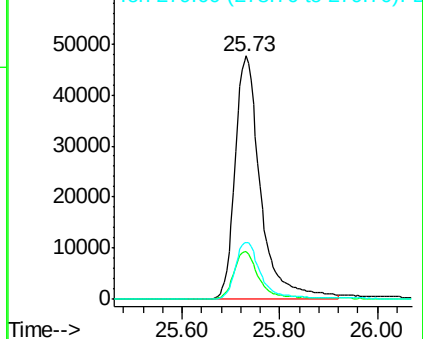
279 23.3 18.8 28.2



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



#38

Benzo(g,h,i)perylene

Concen: 3.77 ng

RT: 26.44 min Scan# 3818

Delta R.T. 0.00 min

Lab File: BE090919.D

Acq: 21 Sep 2015 15:35

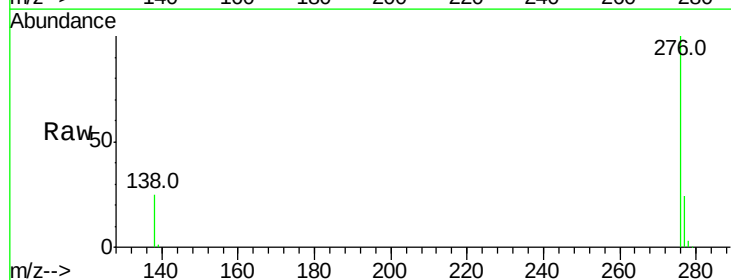
Tgt Ion:276 Resp: 181249

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 25.5 20.1 30.1



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

