

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
 Data File : BE090914.D
 Acq On : 21 Sep 2015 10:46
 Operator : UM/IZ
 Sample : PB85619BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

Quant Time: Sep 21 12:47:26 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

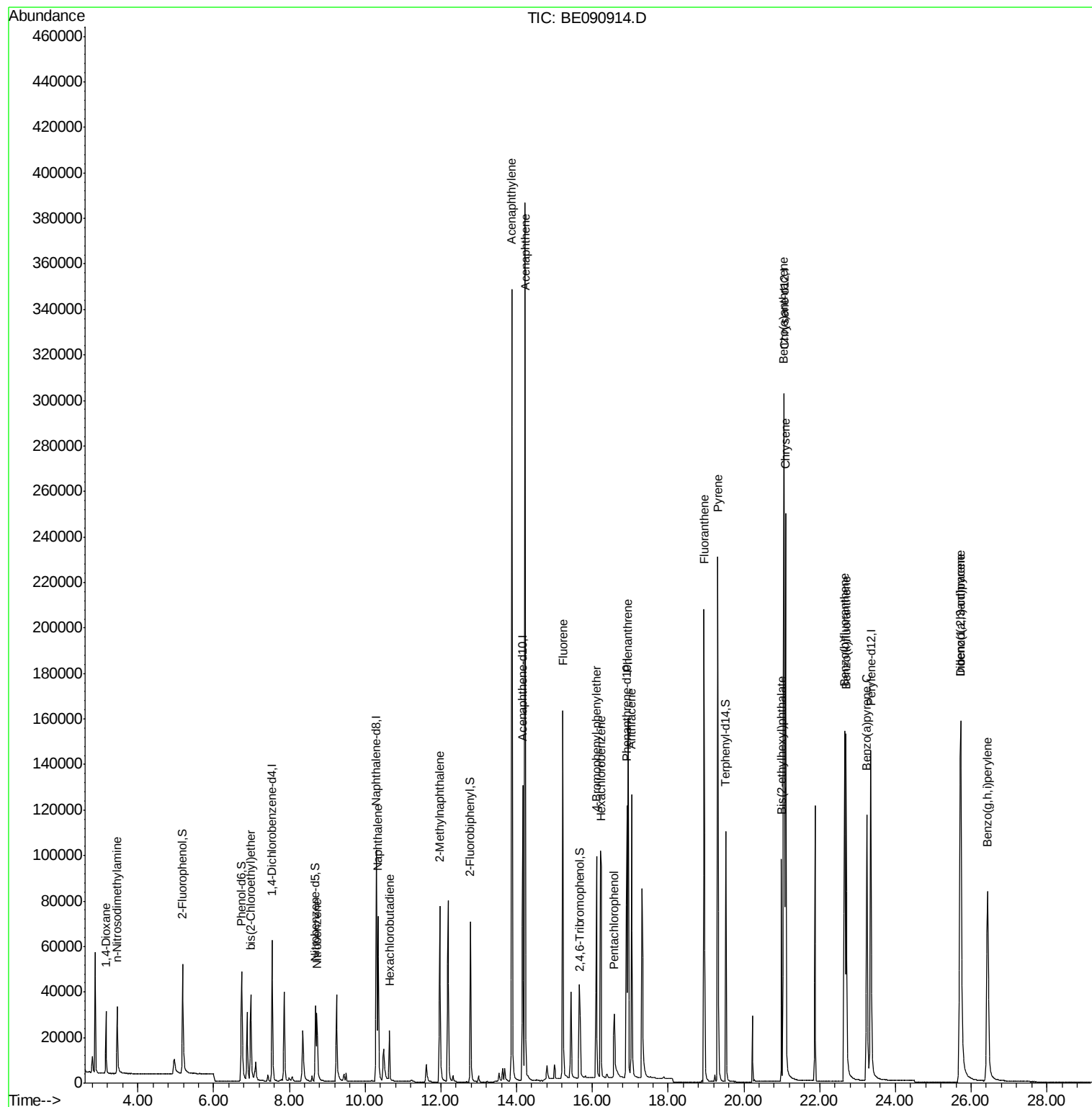
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32155	5.00	ng	0.00
7) Naphthalene-d8	10.29	136	144383	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	75932	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	172801	5.00	ng	0.00
26) Chrysene-d12	21.07	240	235881	5.00	ng	0.00
33) Perylene-d12	23.35	264	211937	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	48496	6.73	ng	0.00
5) Phenol-d6	6.74	99	71504	7.13	ng	-0.01
8) Nitrobenzene-d5	8.69	82	37364	3.76	ng	-0.02
14) 2,4,6-Tribromophenol	15.67	330	20002	7.46	ng	-0.02
15) 2-Fluorobiphenyl	12.78	172	76934	3.57	ng	-0.01
28) Terphenyl-d14	19.52	244	119230	4.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15671	3.67	ng	99
3) n-Nitrosodimethylamine	3.45	42	19319	3.32	ng	# 91
6) bis(2-Chloroethyl)ether	6.98	93	34837	3.83	ng	97
9) Nitrobenzene	8.73	77	40207	3.64	ng	99
10) Naphthalene	10.35	128	104934	3.73	ng	99
11) Hexachlorobutadiene	10.64	225	15882	3.79	ng	99
12) 2-Methylnaphthalene	11.97	142	68113	3.51	ng	100
16) Acenaphthylene	13.88	152	467557	3.54	ng	100
17) Acenaphthene	14.22	154	72314	3.55	ng	90
18) Fluorene	15.22	166	94688	4.07	ng	97
20) 4-Bromophenyl-phenylether	16.11	248	24915	3.73	ng	94
21) Hexachlorobenzene	16.23	284	115639	4.18	ng	99
22) Pentachlorophenol	16.58	266	21302	6.63	ng	94
23) Phenanthrene	16.94	178	169703	4.26	ng	99
24) Anthracene	17.03	178	162628	4.11	ng	99
25) Fluoranthene	18.95	202	195207	3.70	ng	99
27) Pyrene	19.31	202	218495	4.06	ng	99
29) Benzo(a)anthracene	21.05	228	216805	3.72	ng	98
30) Chrysene	21.10	228	222082	4.06	ng	99
31) Bis(2-ethylhexyl)phthalate	20.99	149	85221	3.23	ng	98
32) Indeno(1,2,3-cd)pyrene	25.71	276	230224	3.35	ng	99
34) Benzo(b)fluoranthene	22.65	252	198373	4.00	ng	99
35) Benzo(k)fluoranthene	22.70	252	223630	3.92	ng	99
36) Benzo(a)pyrene	23.25	252	189139	4.01	ng	# 91
37) Dibenzo(a,h)anthracene	25.73	278	190643	3.88	ng	99
38) Benzo(g,h,i)perylene	26.43	276	198313	3.77	ng	99

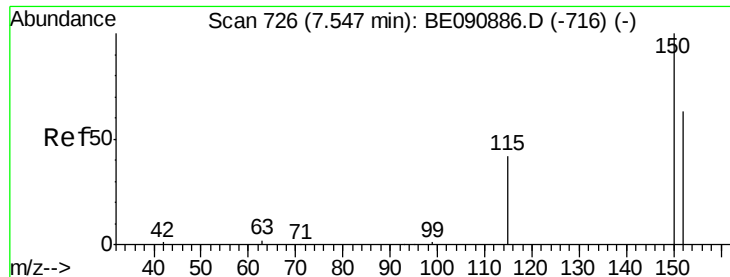
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090914.D
Acq On : 21 Sep 2015 10:46
Operator : UM/IZ
Sample : PB85619BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85619BS

Quant Time: Sep 21 12:47:26 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

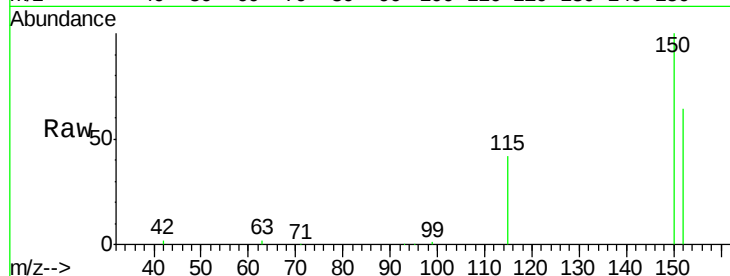
Tot Ion:152 Resp: 32155

Ion Ratio Lower Upper

152 100

150 155.8 122.2 183.4

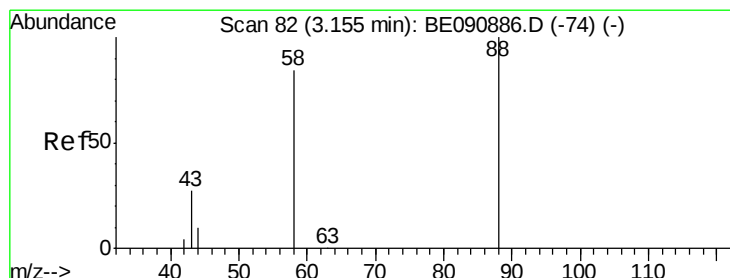
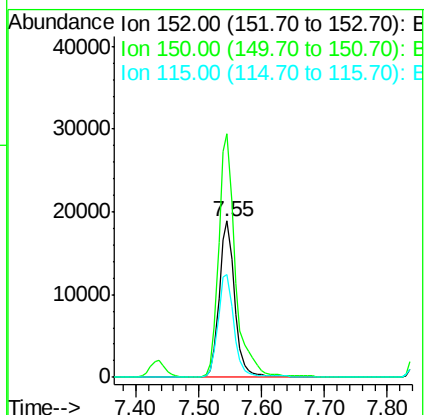
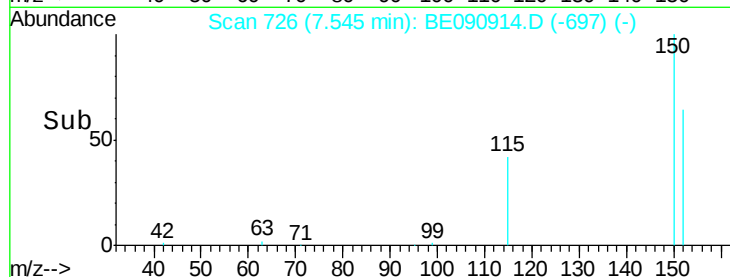
115 66.2 51.0 76.4



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



#2

1,4-Dioxane

Concen: 3.67 ng

RT: 3.15 min Scan# 82

Delta R.T. 0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

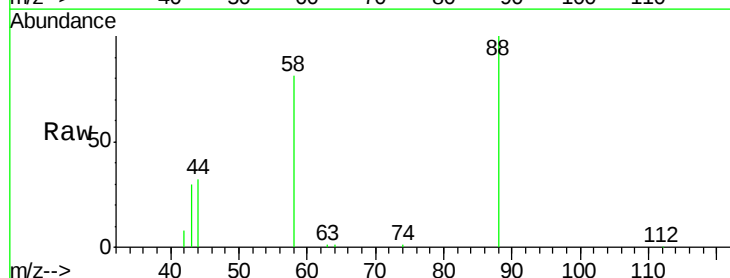
Tgt Ion: 88 Resp: 15671

Ion Ratio Lower Upper

88 100

58 86.1 68.4 102.6

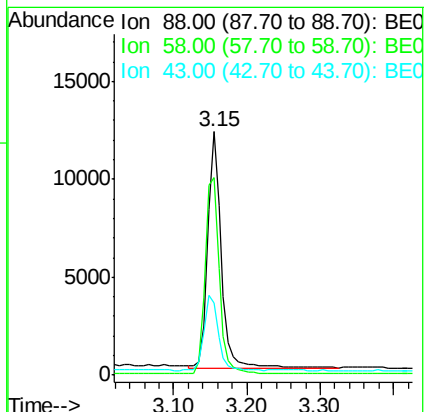
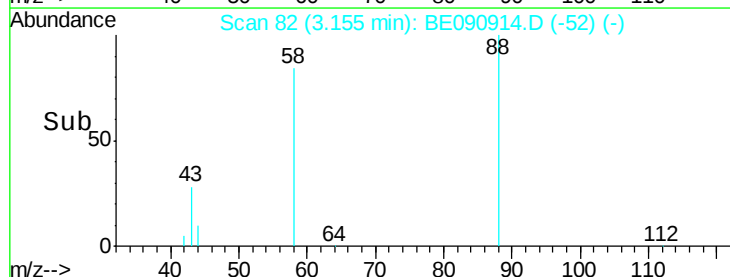
43 32.3 26.9 40.3

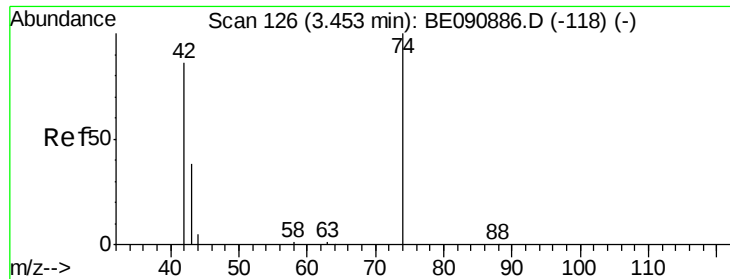


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



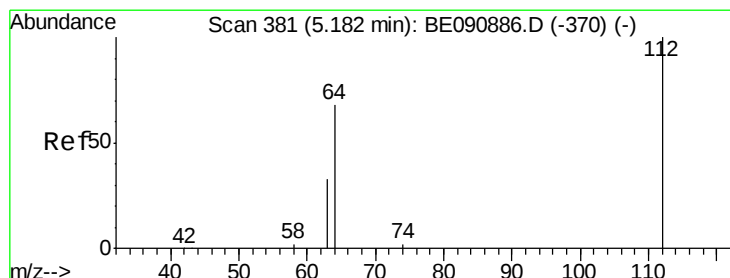
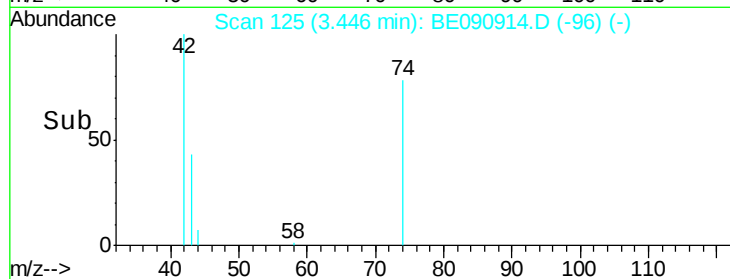
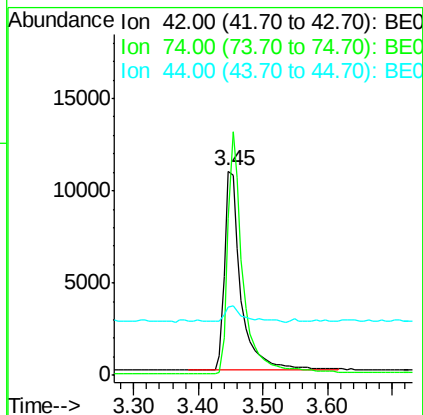
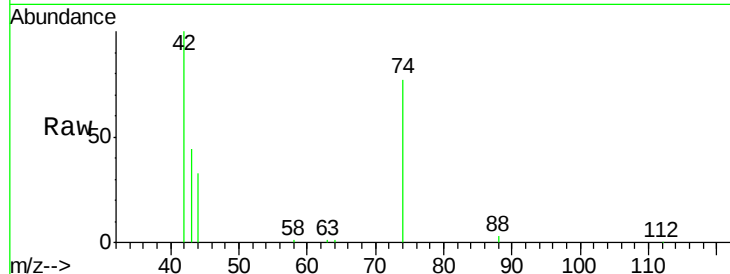


#3

n-Nitrosodimethylamine
 Concen: 3.32 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

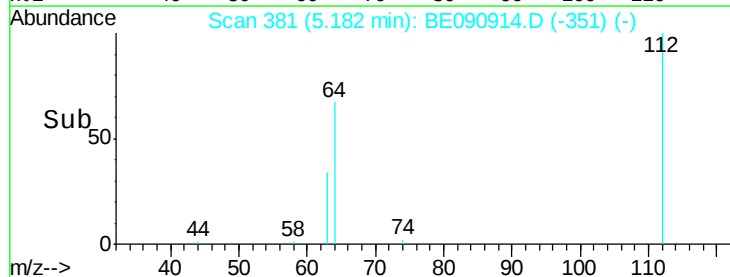
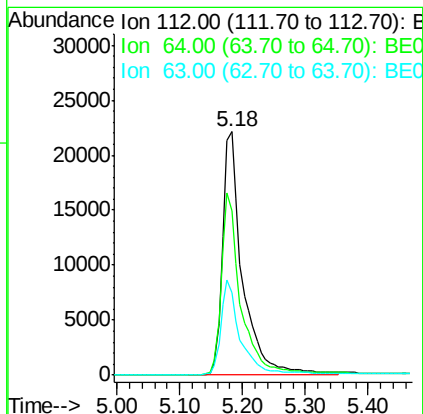
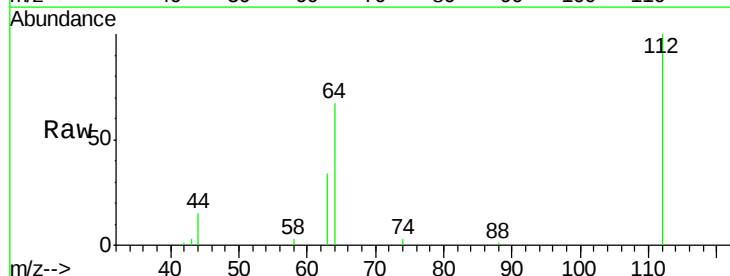
Tot Ion: 42 Resp: 19319
 Ion Ratio Lower Upper
 42 100
 74 114.0 83.7 125.5
 44 7.8 10.0 15.0#

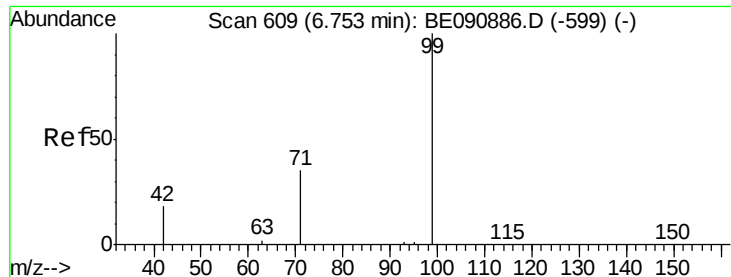


#4

2-Fluorophenol
 Concen: 6.73 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 112 Resp: 48496
 Ion Ratio Lower Upper
 112 100
 64 72.4 57.3 85.9
 63 37.3 29.2 43.8





#5

Phenol-d6

Concen: 7.13 ng

RT: 6.74 min Scan# 607

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

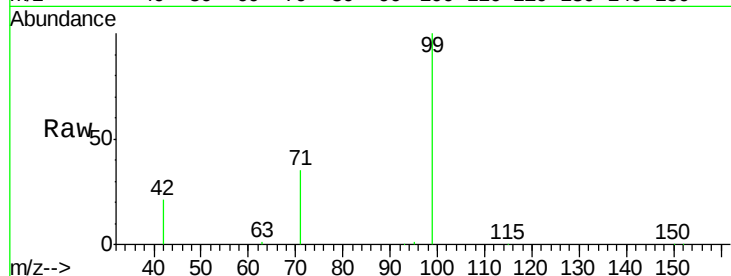
Tot Ion: 99 Resp: 71504

Ion Ratio Lower Upper

99 100

42 21.9 16.8 25.2

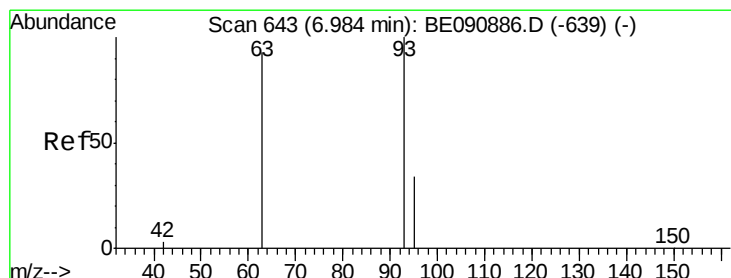
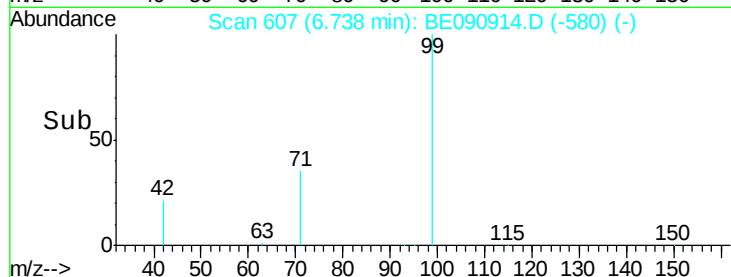
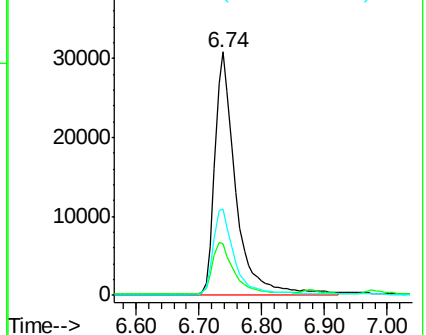
71 36.1 28.3 42.5



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: 3.83 ng

RT: 6.98 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

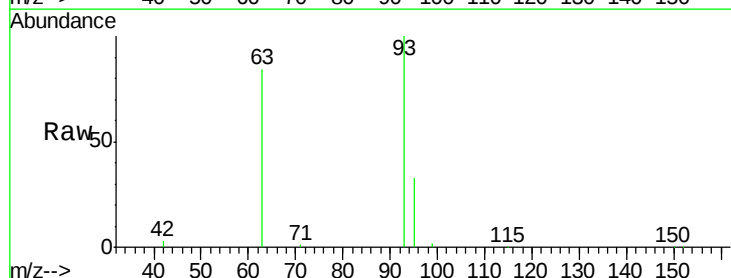
Tgt Ion: 93 Resp: 34837

Ion Ratio Lower Upper

93 100

63 83.7 68.5 102.7

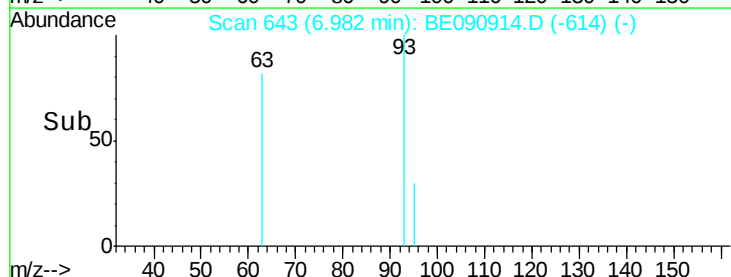
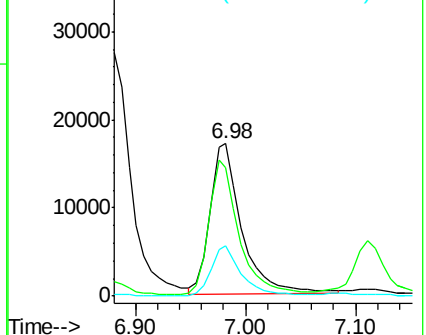
95 30.6 26.9 40.3

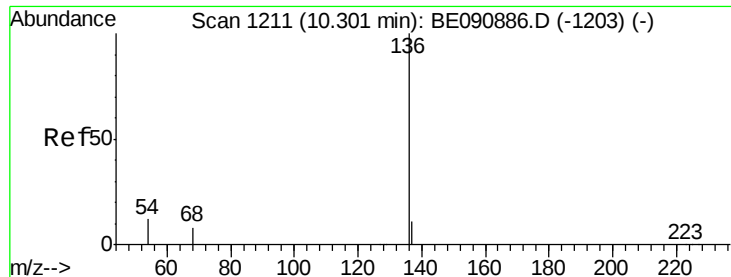


Abundance Ion 93.00 (92.70 to 93.70): BE0

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# 1210

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

Tot Ion:136 Resp: 144383

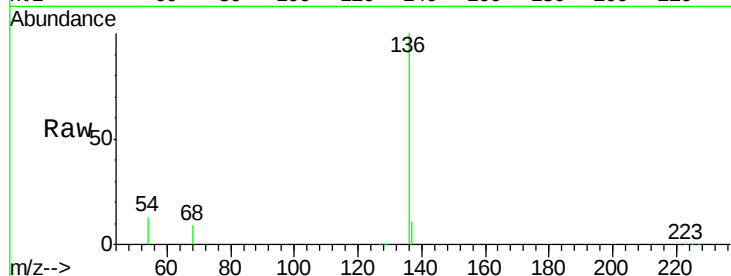
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 13.1 9.0 13.6

68 9.3 6.3 9.5

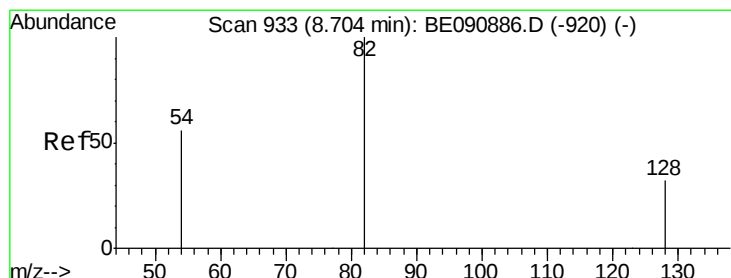
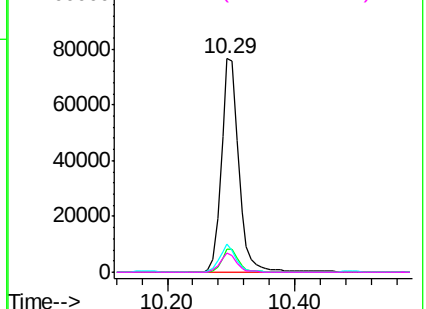
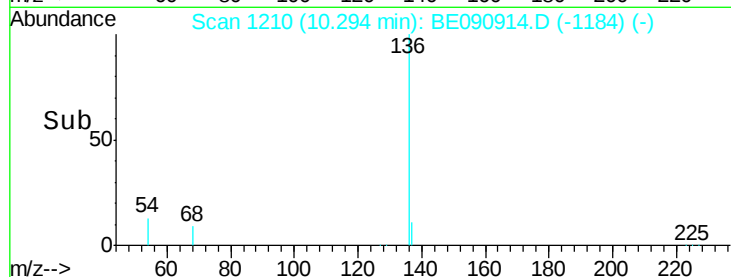


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.76 ng

RT: 8.69 min Scan# 929

Delta R.T. -0.02 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

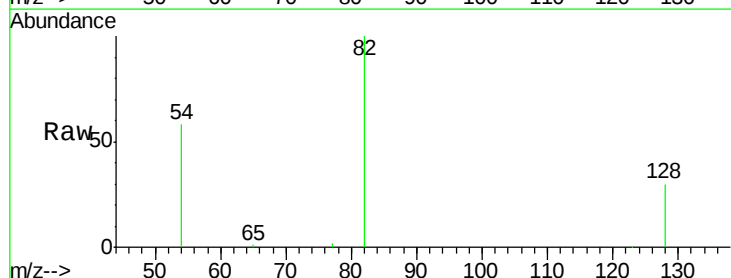
Tgt Ion: 82 Resp: 37364

Ion Ratio Lower Upper

82 100

128 29.8 25.0 37.4

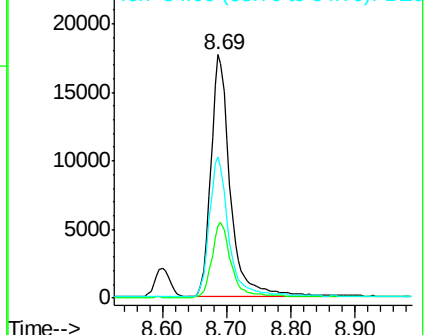
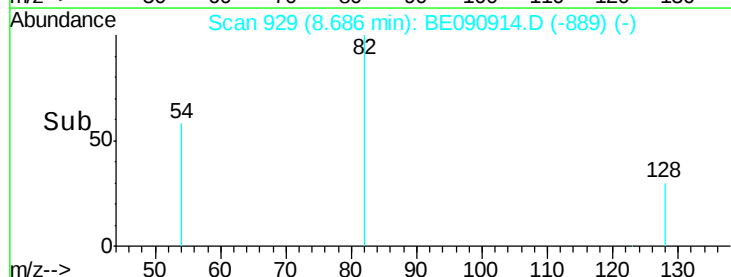
54 58.1 46.3 69.5

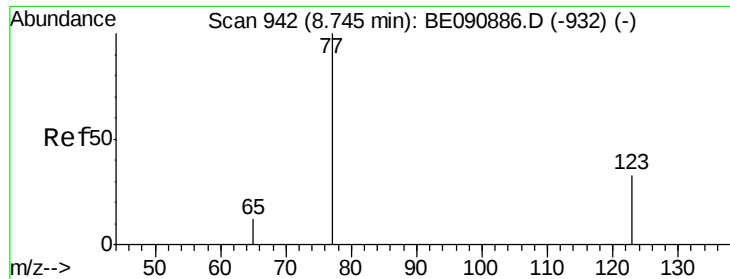


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.64 ng

RT: 8.73 min Scan# 938

Delta R.T. -0.02 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

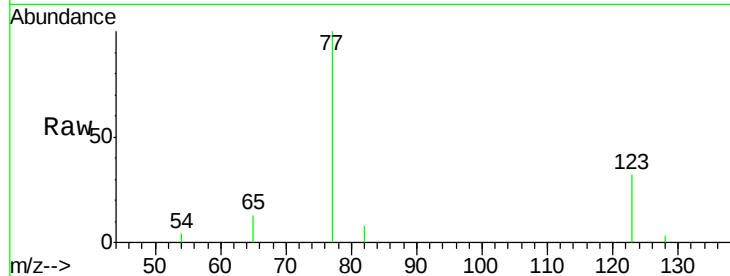
Tot Ion: 77 Resp: 40207

Ion Ratio Lower Upper

77 100

123 32.3 25.1 37.7

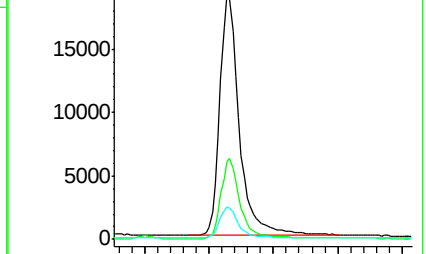
65 12.4 9.9 14.9



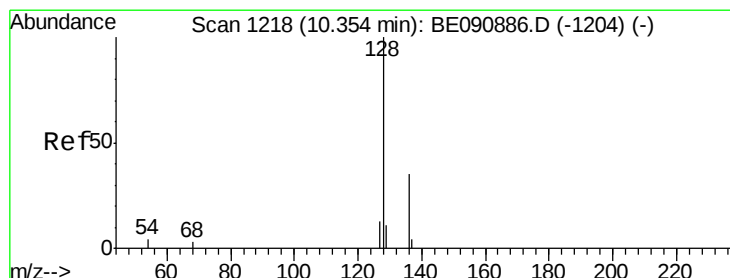
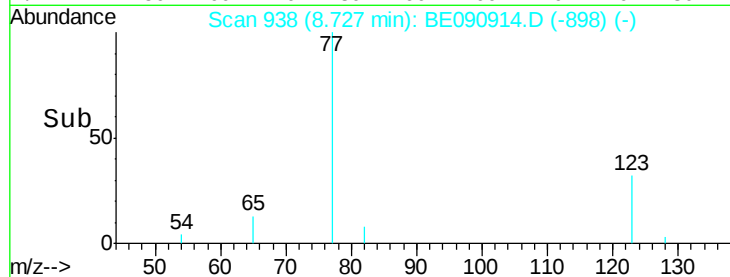
Abundance Ion 77.00 (76.70 to 77.70): BE090886.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BE090886.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BE090886.D (-932) (-)



Time-->



#10

Naphthalene

Concen: 3.73 ng

RT: 10.35 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

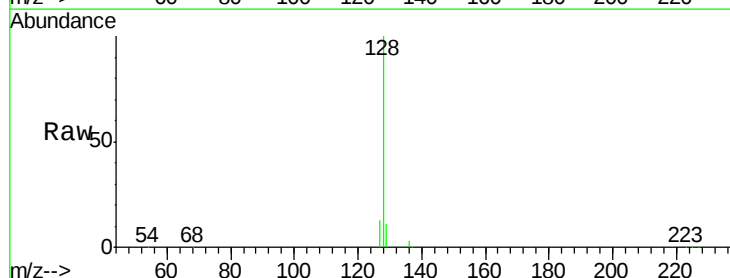
Tgt Ion: 128 Resp: 104934

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

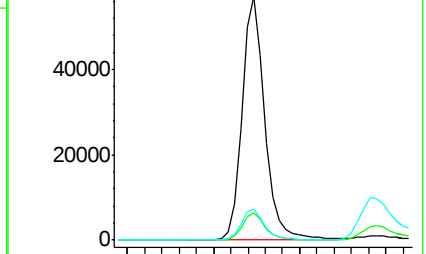
127 12.7 9.9 14.9



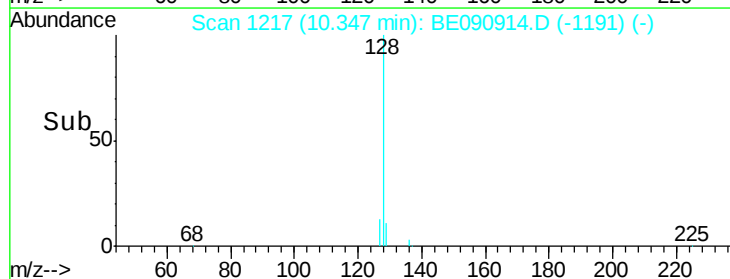
Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

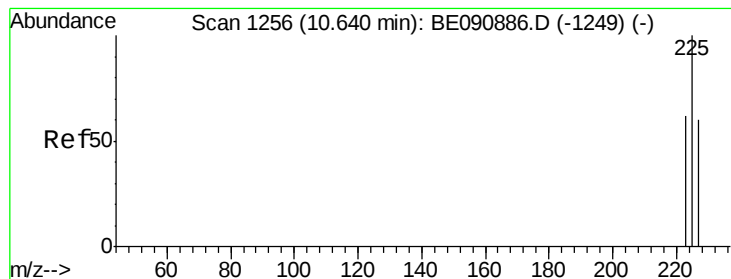
Ion 129.00 (128.70 to 129.70): BE090886.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090886.D (-1204) (-)



Time-->

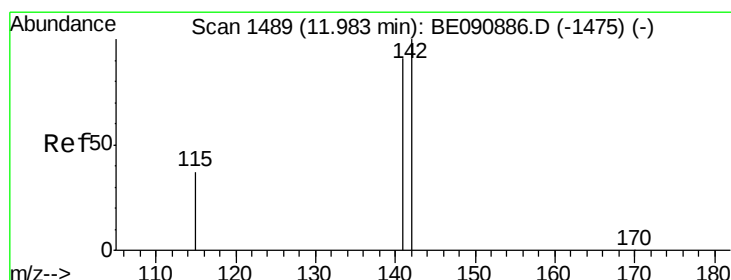
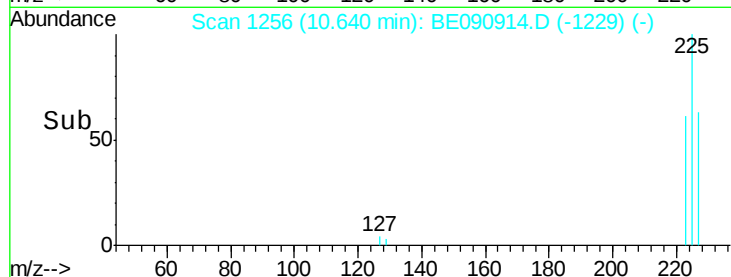
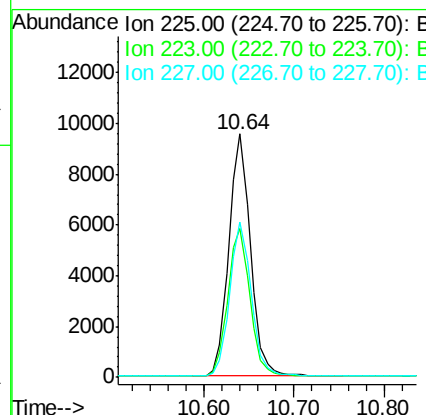
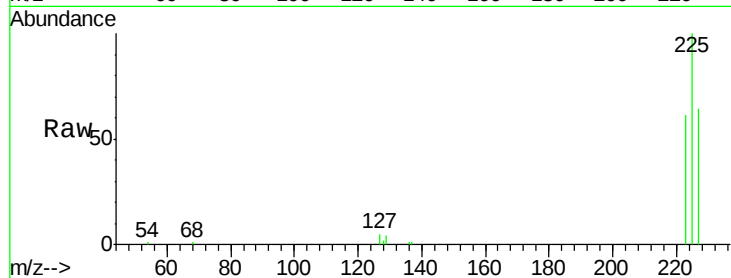




#11
Hexachlorobutadiene
Concen: 3.79 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

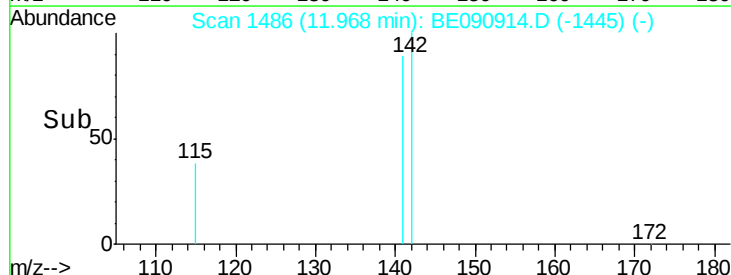
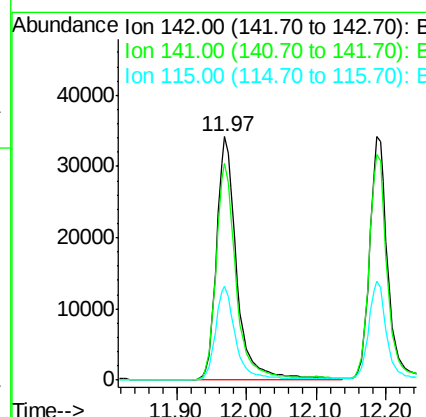
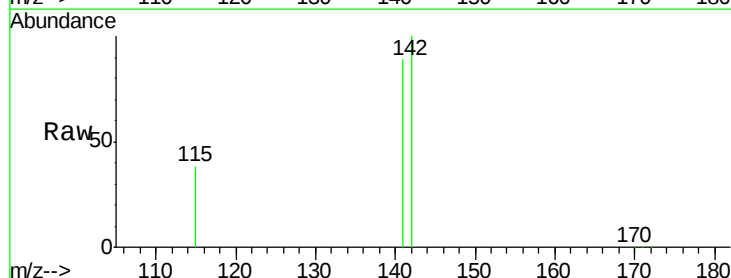
Instrument :
BNA_E
ClientSampleId :
PB85619BS

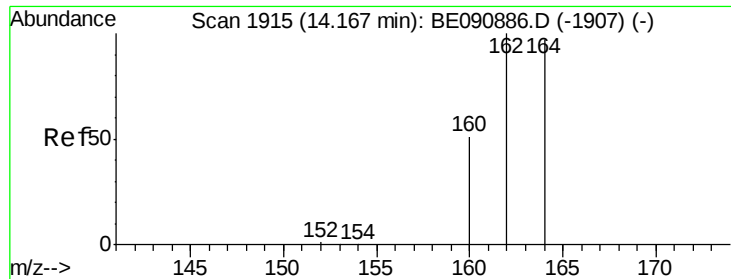
Tot Ion:225 Resp: 15882
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 63.5 51.0 76.6



#12
2-Methylnaphthalene
Concen: 3.51 ng
RT: 11.97 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Tgt Ion:142 Resp: 68113
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 38.4 31.0 46.4





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

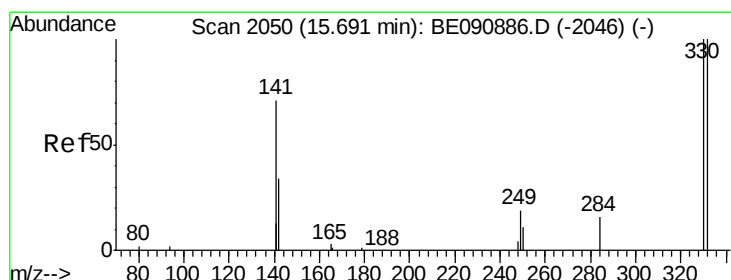
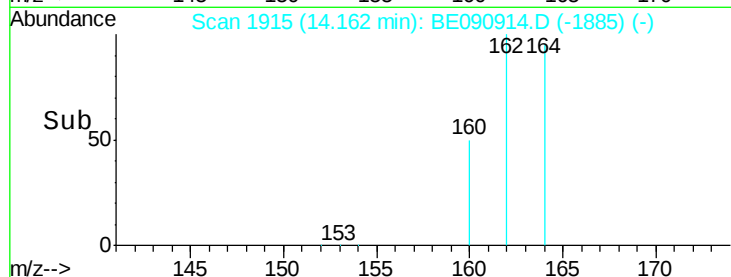
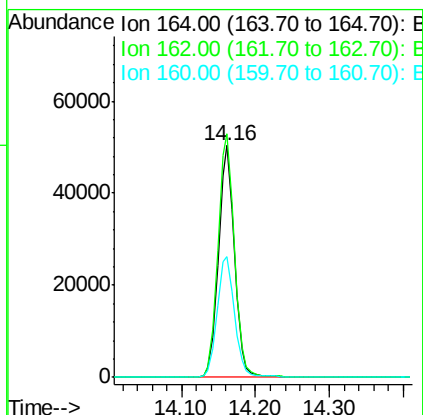
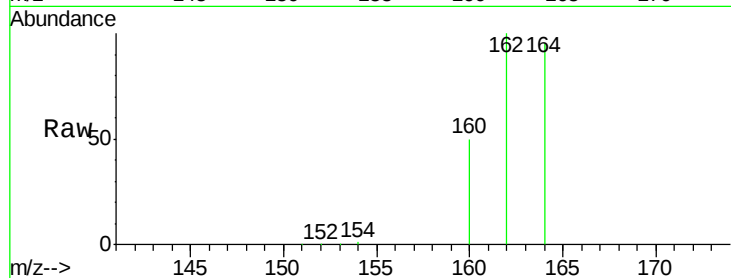
Tot Ion:164 Resp: 75932

Ion Ratio Lower Upper

164 100

162 105.0 86.8 130.2

160 52.2 53.9 80.9#



#14

2,4,6-Tribromophenol

Concen: 7.46 ng

RT: 15.67 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

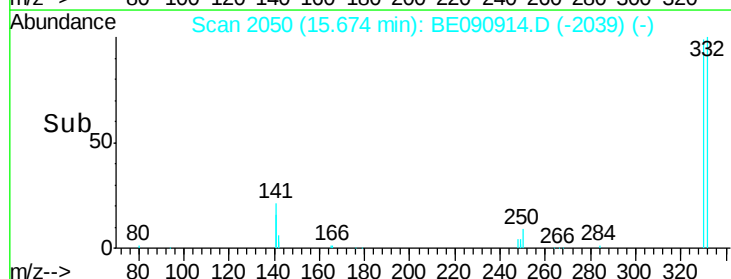
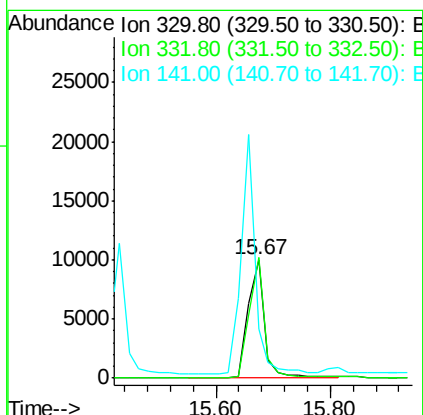
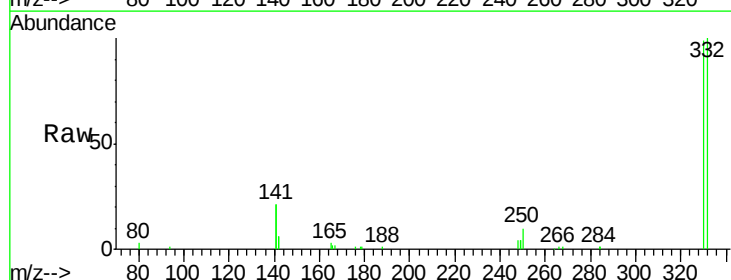
Tgt Ion:330 Resp: 20002

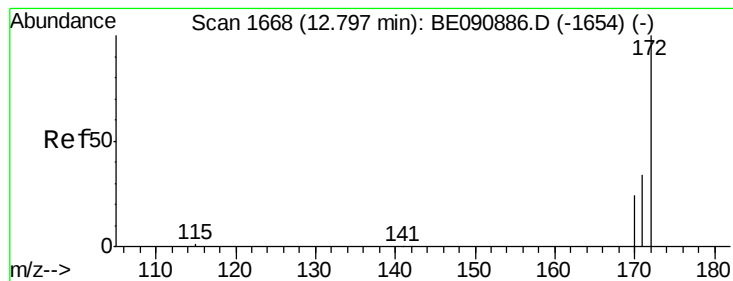
Ion Ratio Lower Upper

330 100

332 95.7 74.9 112.3

141 171.2 145.2 217.8





#15

2-Fluorobiphenyl

Concen: 3.57 ng

RT: 12.78 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

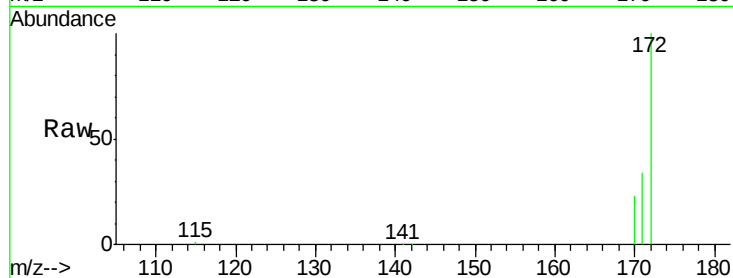
Tot Ion:172 Resp: 76934

Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.8

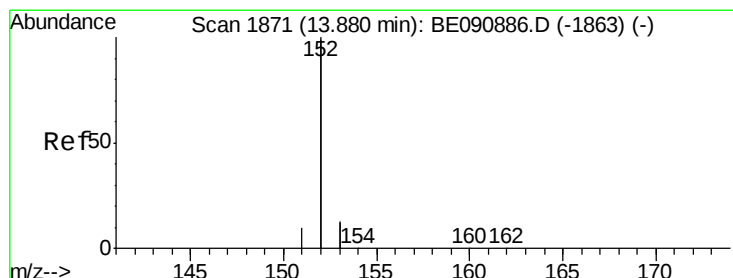
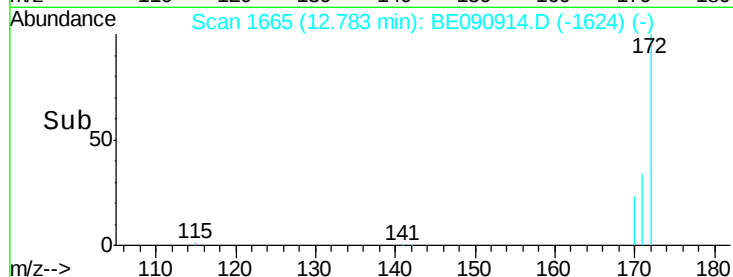
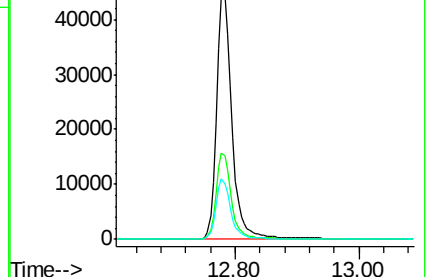
170 22.8 19.8 29.6



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



#16

Acenaphthylene

Concen: 3.54 ng

RT: 13.88 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

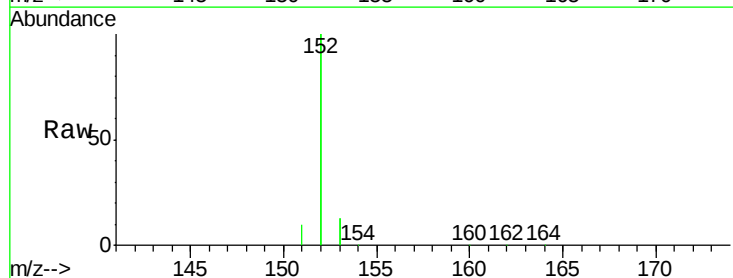
Tgt Ion:152 Resp: 467557

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

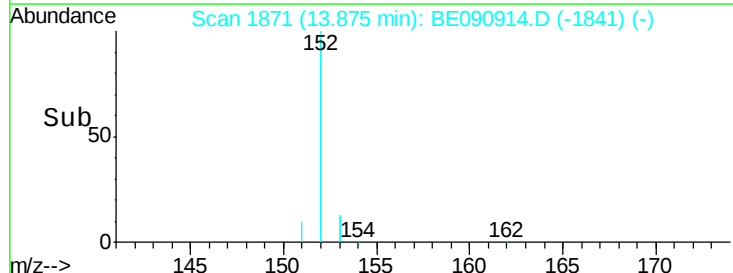
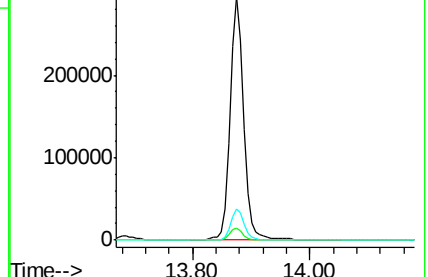
153 12.9 10.3 15.5

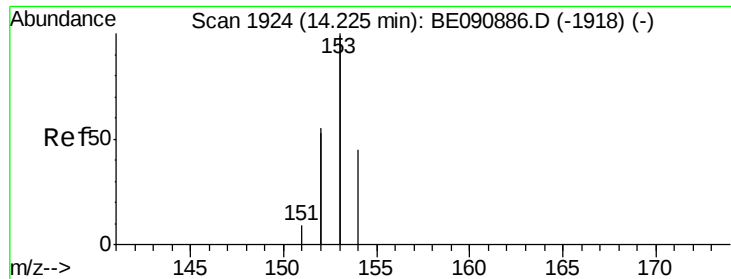


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

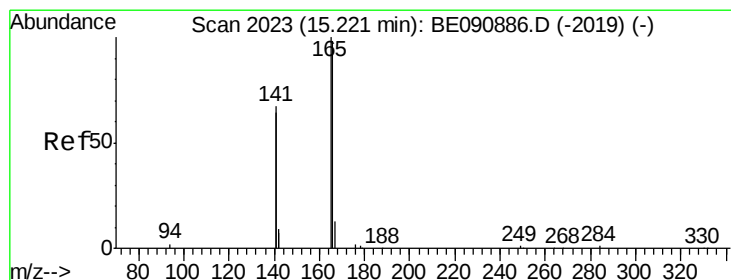
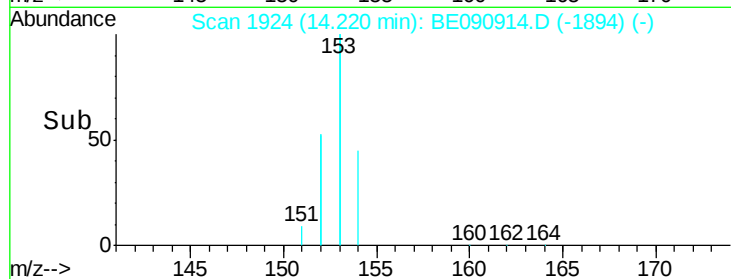
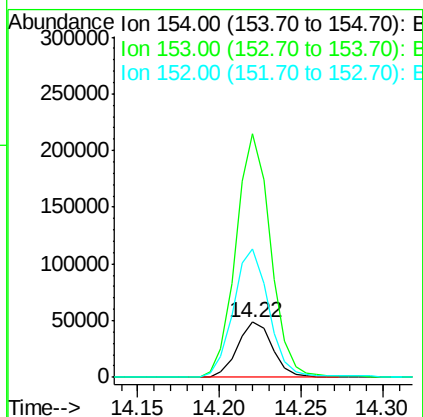
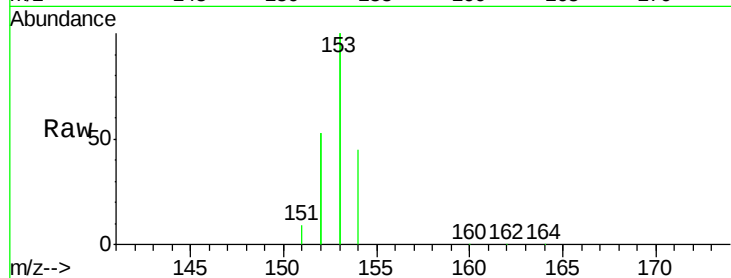




#17
Acenaphthene
Concen: 3.55 ng
RT: 14.22 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

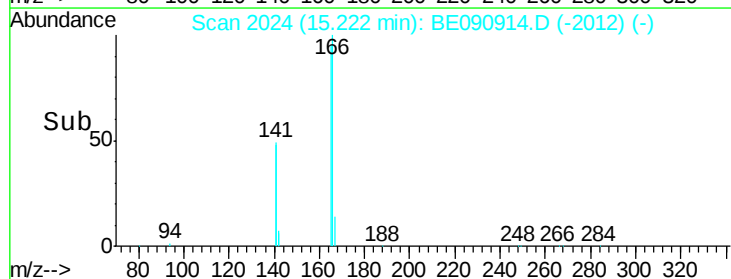
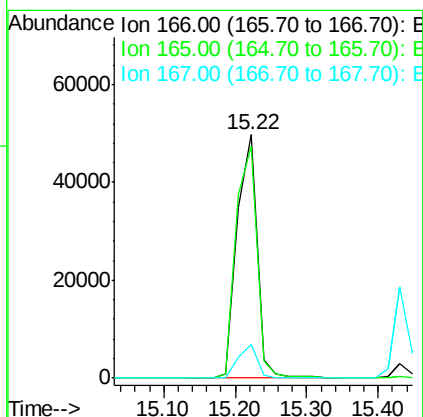
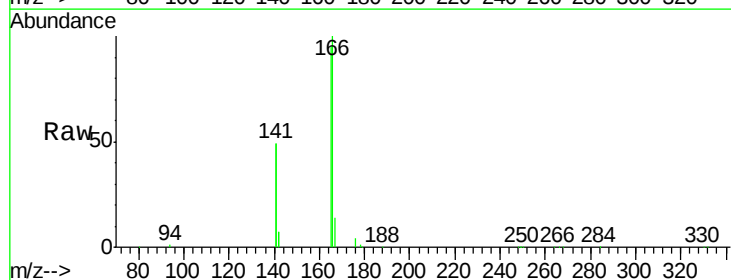
Instrument :
BNA_E
ClientSampleId :
PB85619BS

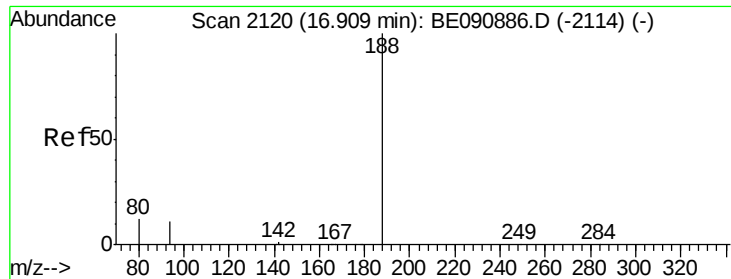
Tot Ion:154 Resp: 72314
Ion Ratio Lower Upper
154 100
153 440.7 354.5 531.7
152 237.8 227.8 341.6



#18
Fluorene
Concen: 4.07 ng
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Tgt Ion:166 Resp: 94688
Ion Ratio Lower Upper
166 100
165 100.2 82.7 124.1
167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

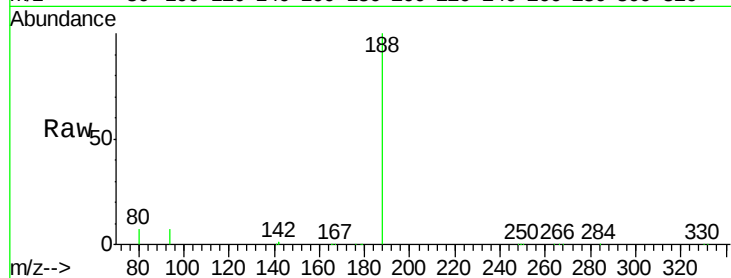
Tot Ion:188 Resp: 172801

Ion Ratio Lower Upper

188 100

94 6.9 10.3 15.5#

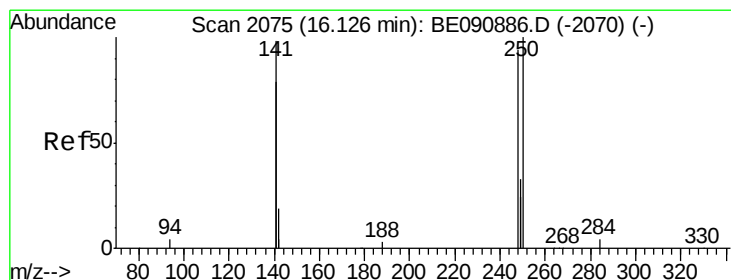
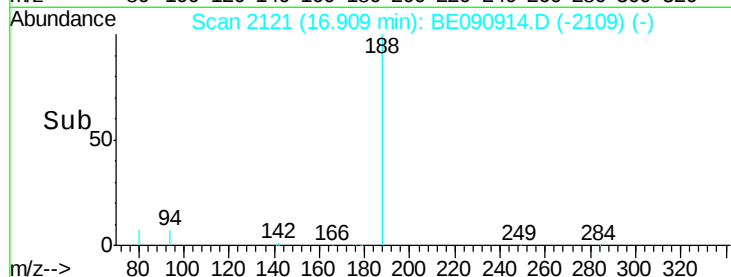
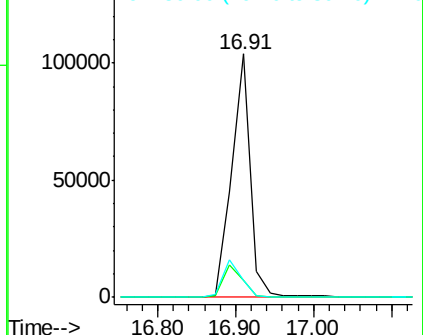
80 7.2 11.0 16.6#



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: 3.73 ng

RT: 16.11 min Scan# 2075

Delta R.T. -0.02 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

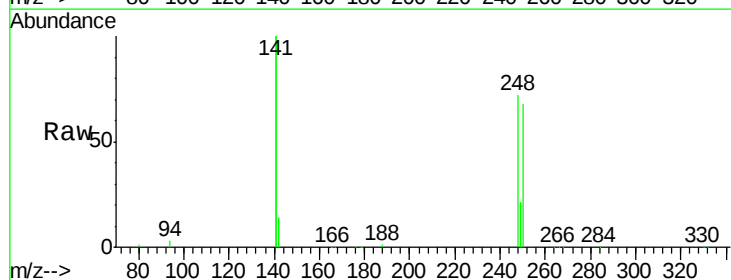
Tgt Ion:248 Resp: 24915

Ion Ratio Lower Upper

248 100

250 97.9 76.7 115.1

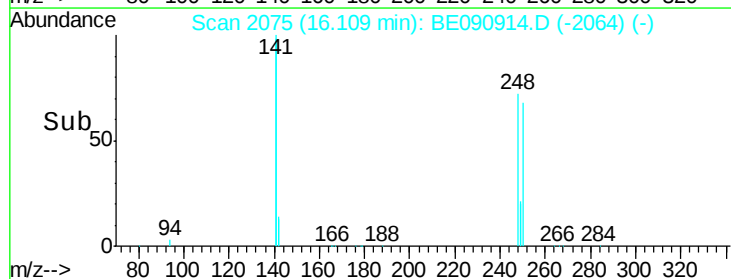
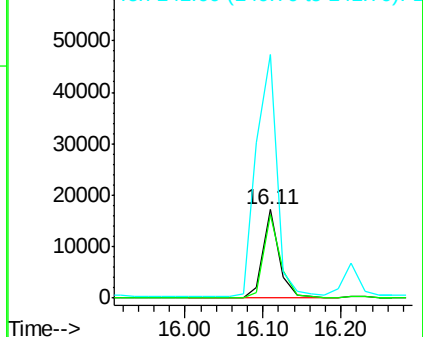
141 349.4 292.6 439.0

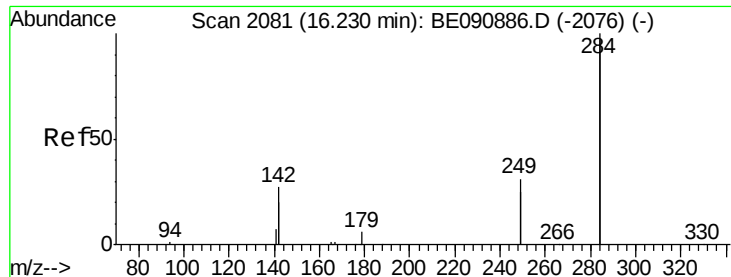


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.18 ng

RT: 16.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

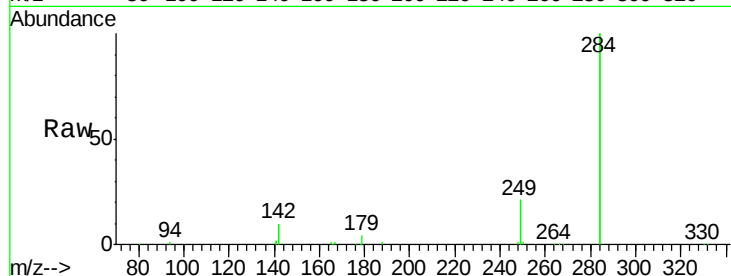
Tot Ion:284 Resp: 115639

Ion Ratio Lower Upper

284 100

142 42.6 35.0 52.4

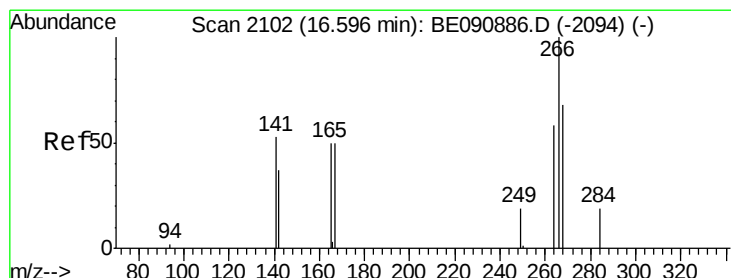
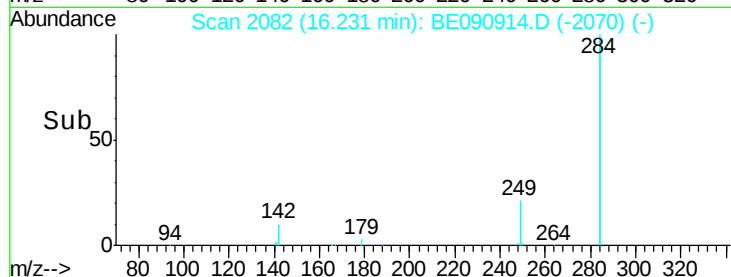
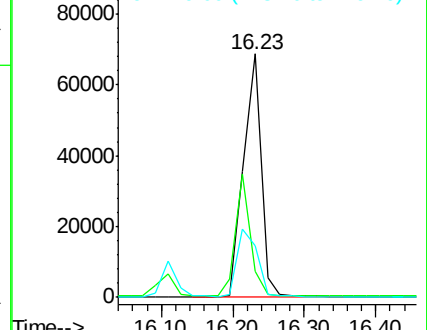
249 31.7 25.5 38.3



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: 6.63 ng

RT: 16.58 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

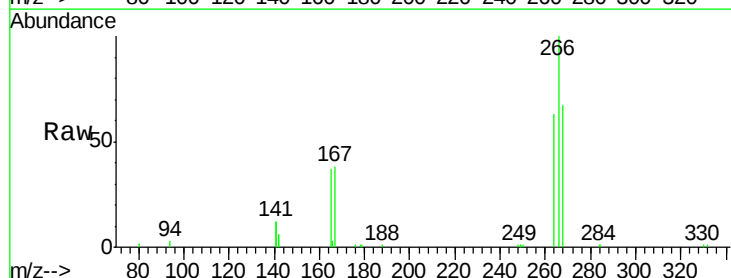
Tgt Ion:266 Resp: 21302

Ion Ratio Lower Upper

266 100

268 66.7 49.6 74.4

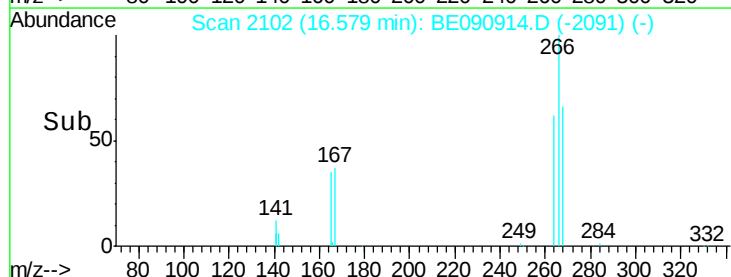
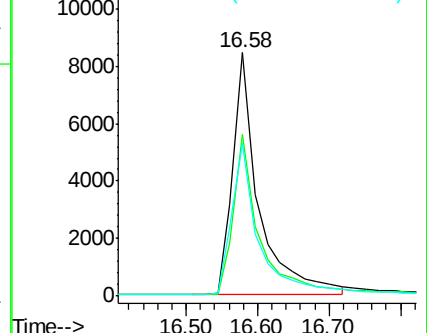
264 62.6 53.9 80.9

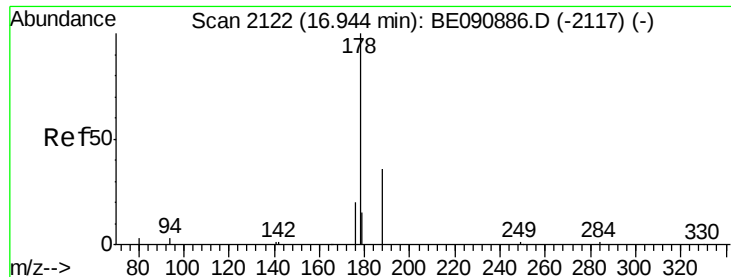


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 4.26 ng

RT: 16.94 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

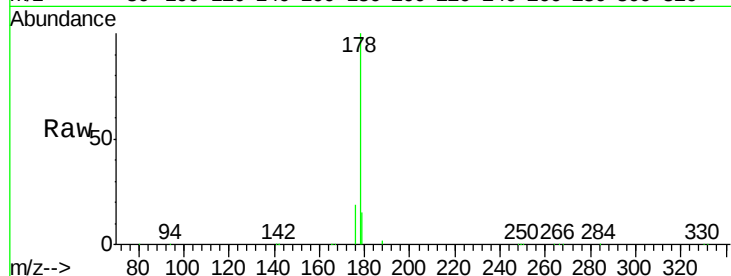
Tot Ion:178 Resp: 169703

Ion Ratio Lower Upper

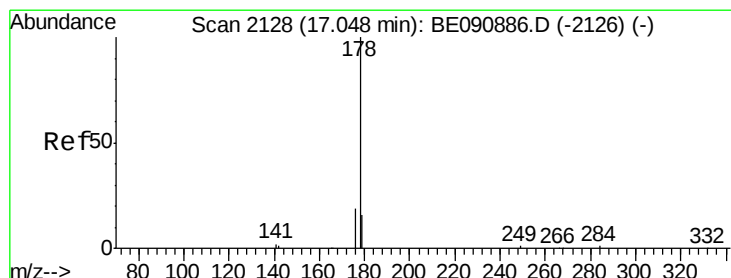
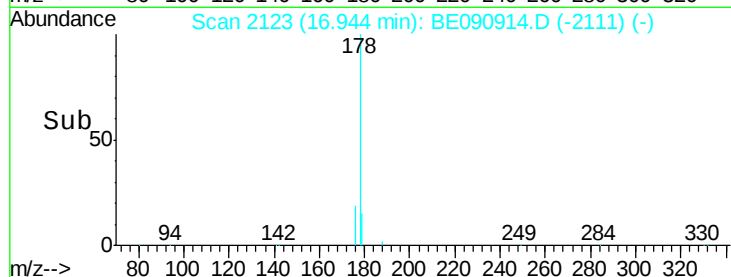
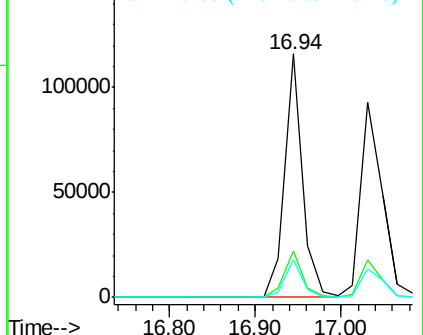
178 100

176 19.2 15.6 23.4

179 15.4 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: 4.11 ng

RT: 17.03 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

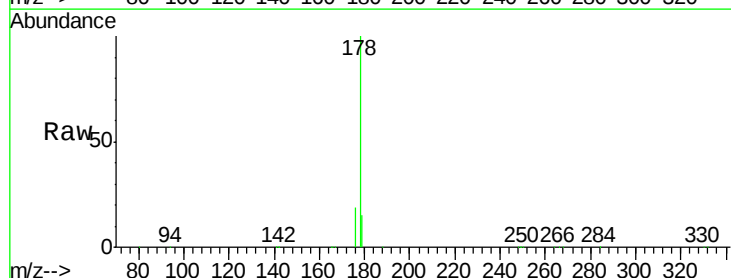
Tgt Ion:178 Resp: 162628

Ion Ratio Lower Upper

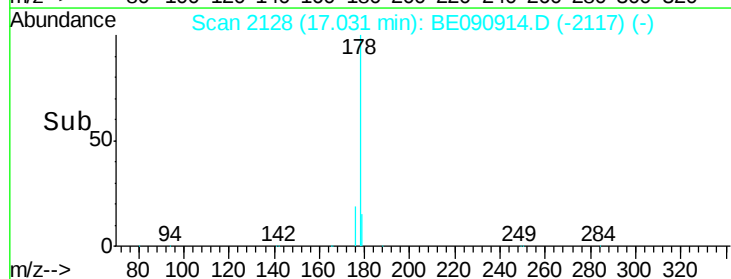
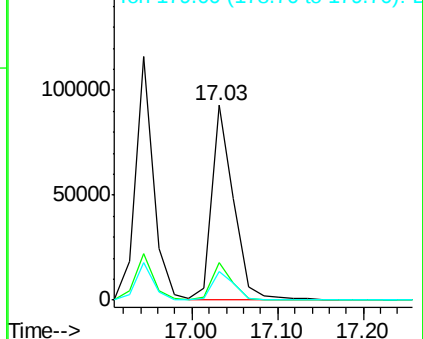
178 100

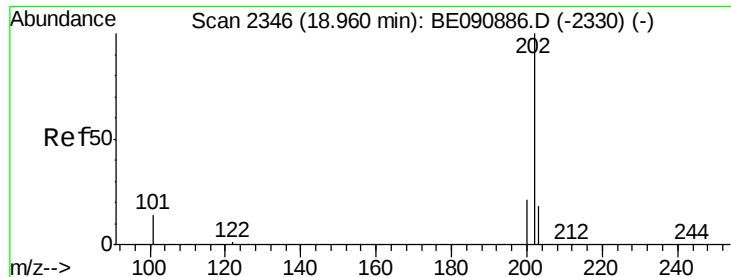
176 18.6 15.0 22.6

179 15.1 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: 3.70 ng

RT: 18.95 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

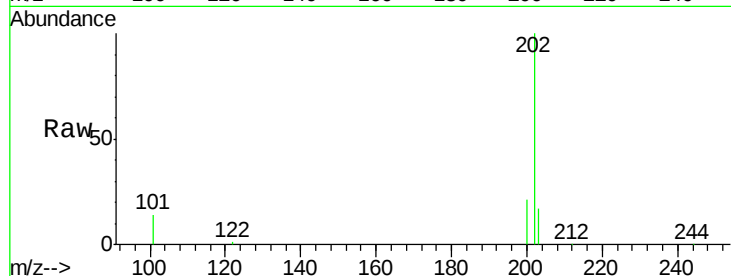
Tot Ion:202 Resp: 195207

Ion Ratio Lower Upper

202 100

101 14.3 11.0 16.6

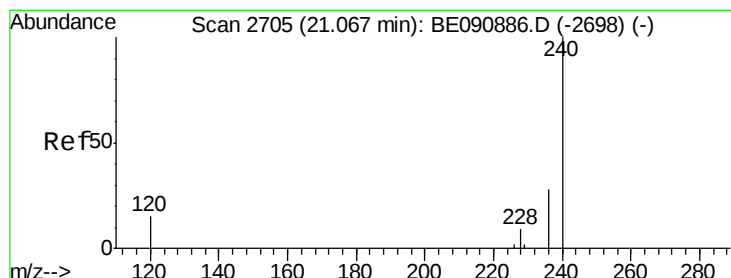
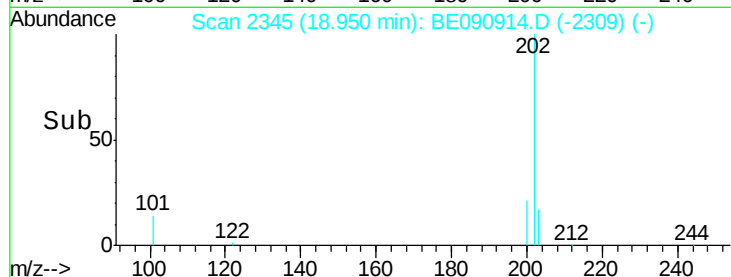
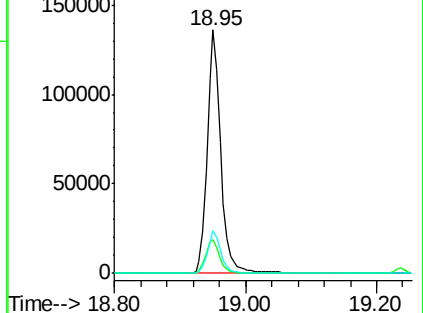
203 17.2 13.9 20.9



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# 2706

Delta R.T. 0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

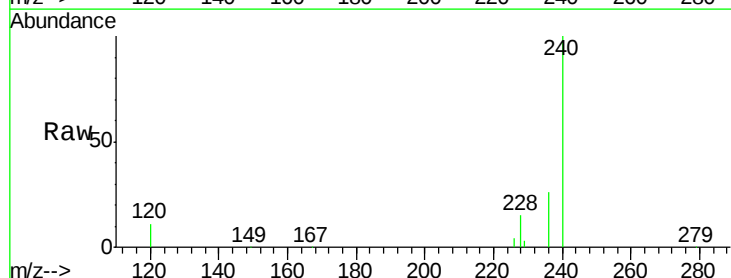
Tgt Ion:240 Resp: 235881

Ion Ratio Lower Upper

240 100

120 11.2 10.1 15.1

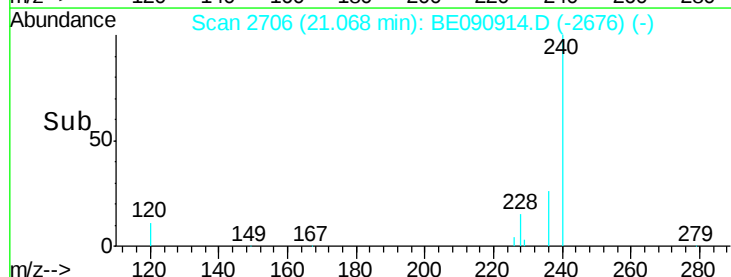
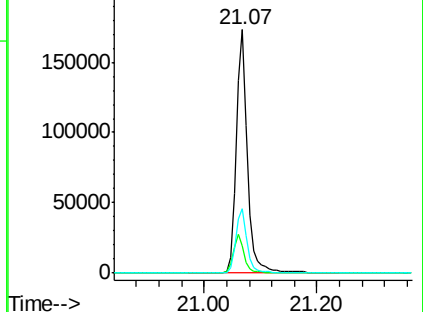
236 26.5 21.9 32.9

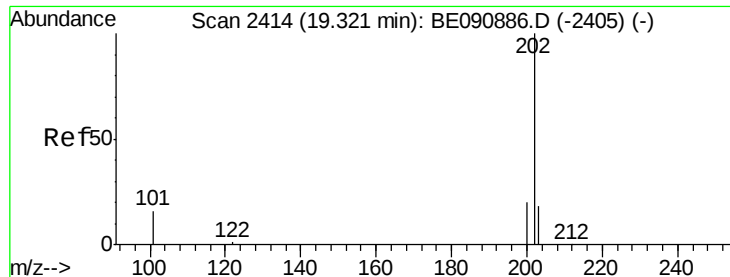


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

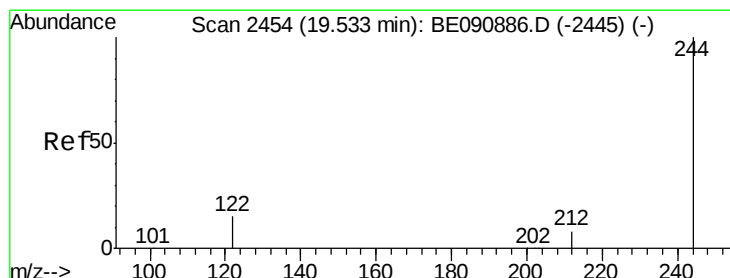
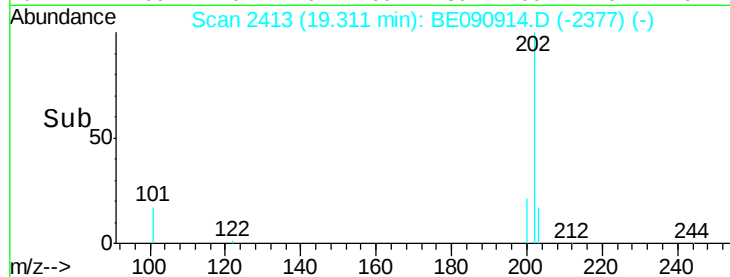
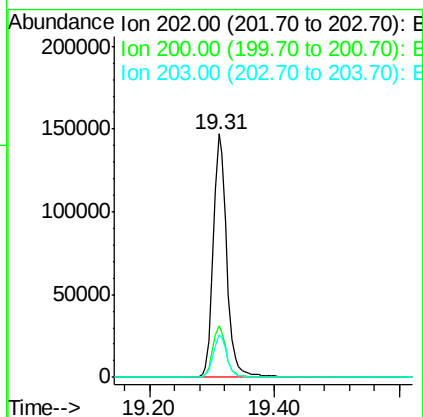
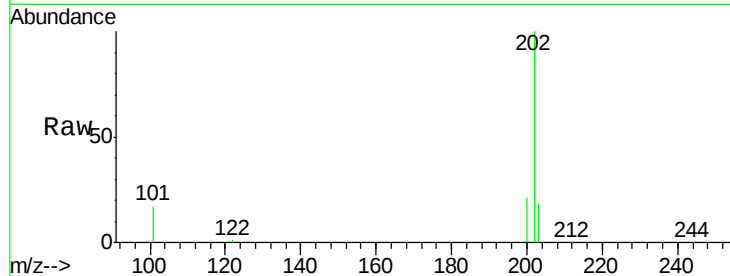




#27
Pvrene
Concen: 4.06 ng
RT: 19.31 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

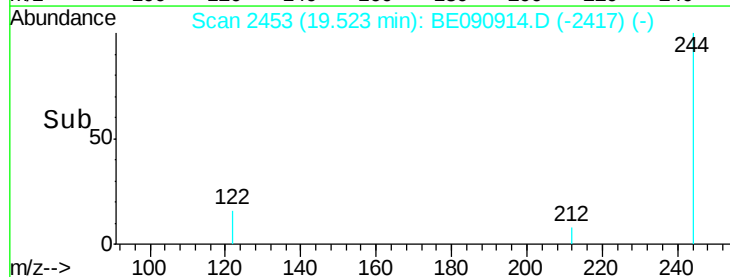
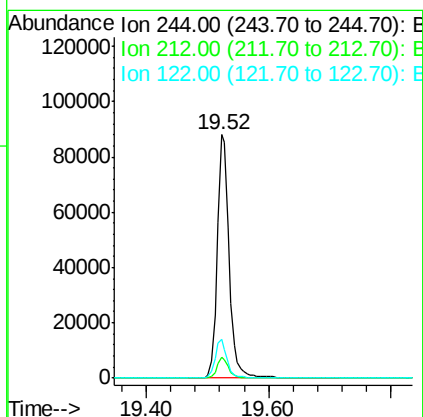
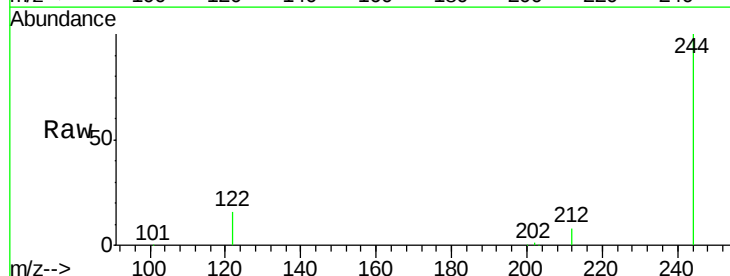
Instrument :
BNA_E
ClientSampleId :
PB85619BS

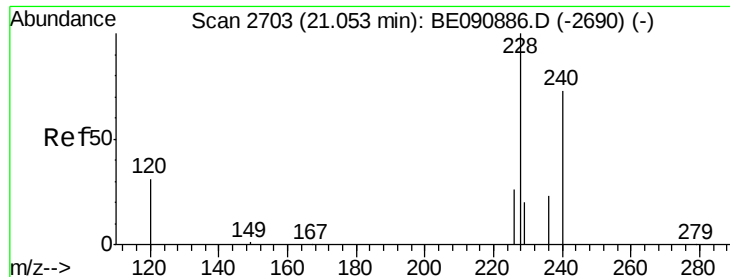
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.9	13.8	20.6



#28
Terphenyl-d14
Concen: 4.46 ng
RT: 19.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.1	12.9	19.3





#29

Benzo(a)anthracene

Concen: 3.72 ng

RT: 21.05 min Scan# 2703

Delta R.T. -0.01 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

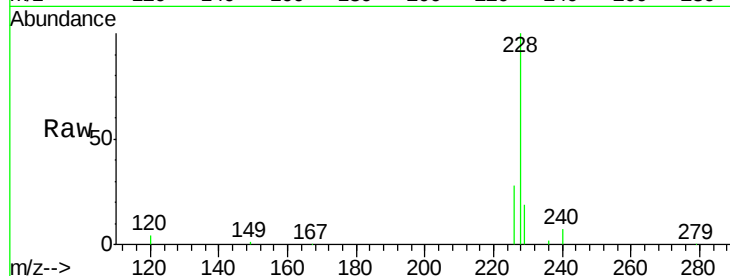
Tot Ion:228 Resp: 216805

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

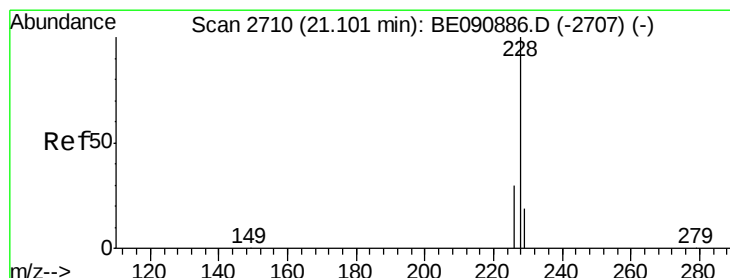
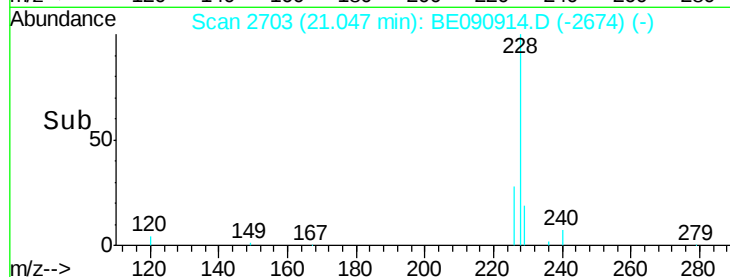
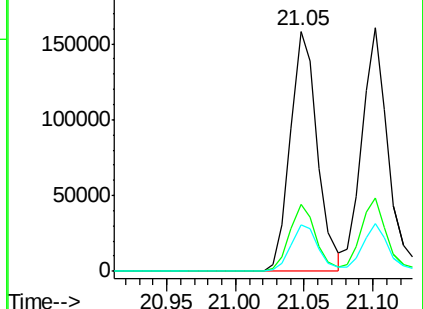
229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 4.06 ng

RT: 21.10 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

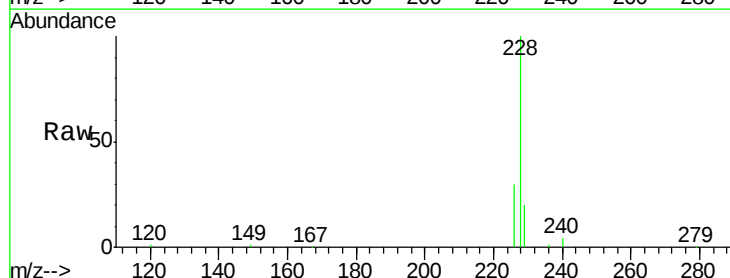
Tgt Ion:228 Resp: 222082

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

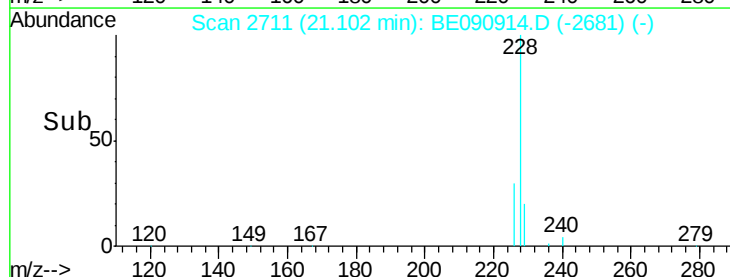
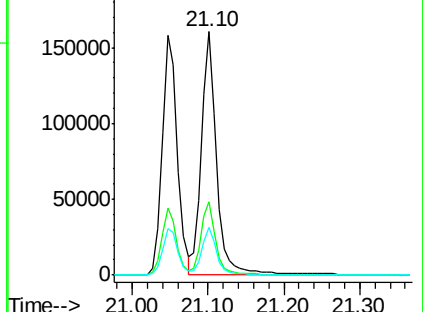
229 19.8 15.3 22.9

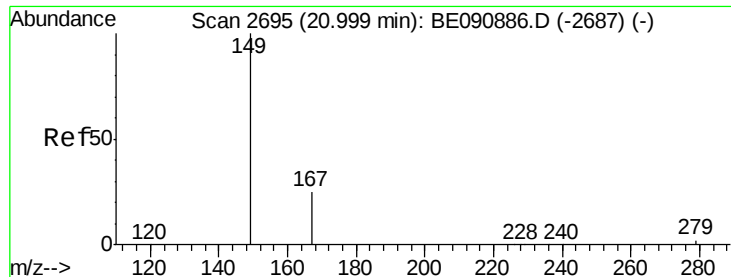


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

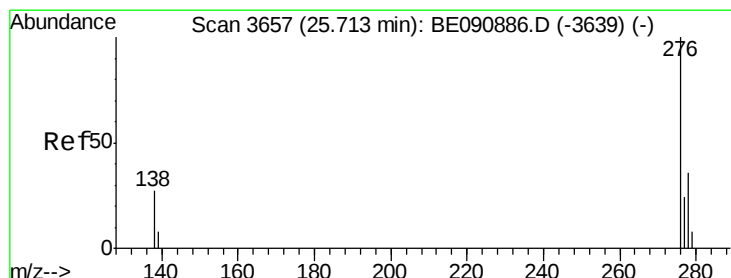
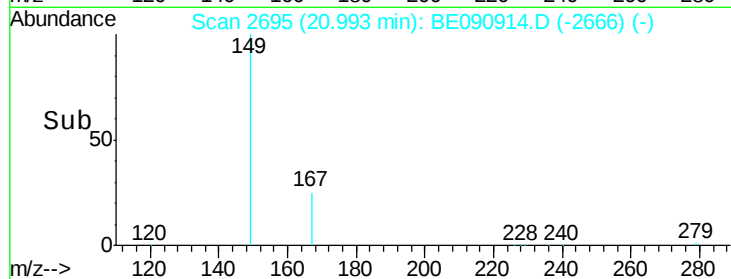
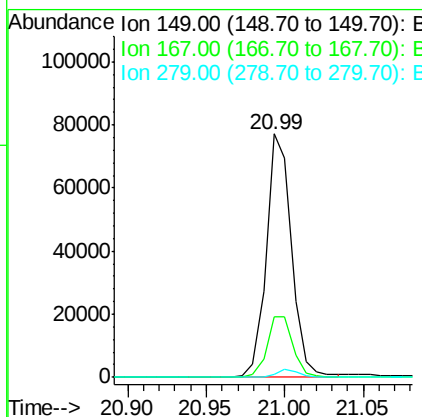
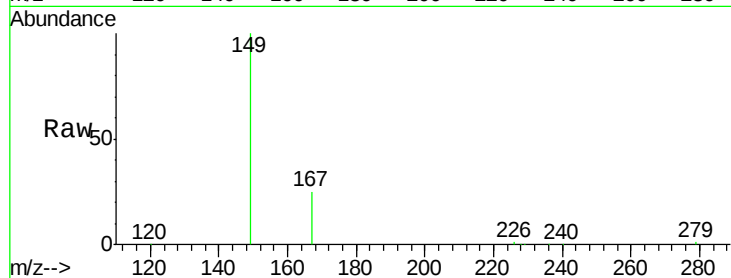




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 3.23 ng
 RT: 20.99 min Scan# 2695
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

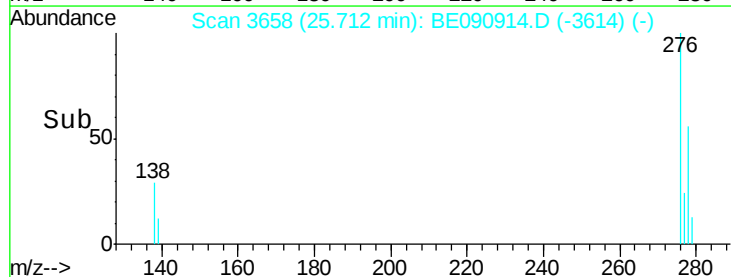
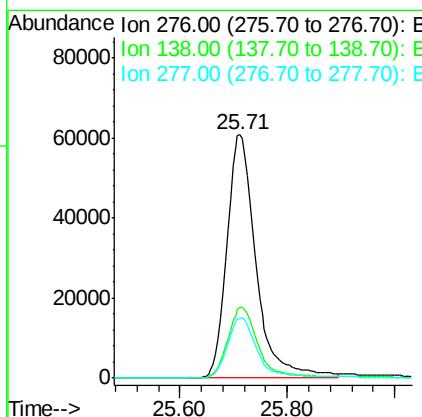
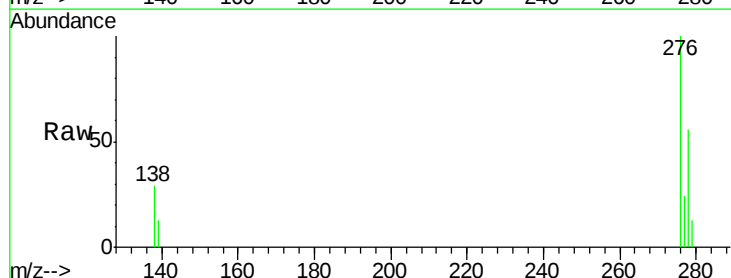
Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

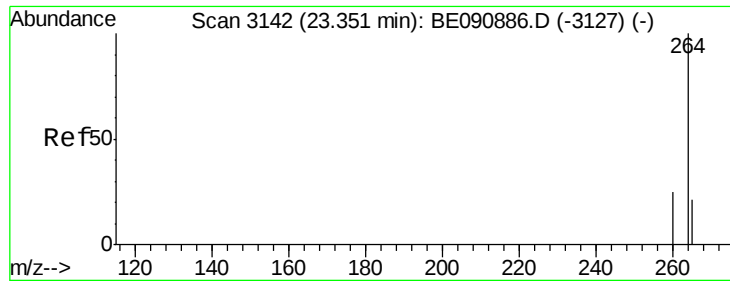
Tot Ion:149 Resp: 85221
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.1 30.1
 279 2.9 2.3 3.5



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 3.35 ng
 RT: 25.71 min Scan# 3658
 Delta R.T. -0.00 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

Tgt Ion:276 Resp: 230224
 Ion Ratio Lower Upper
 276 100
 138 30.2 23.3 34.9
 277 25.0 19.8 29.6



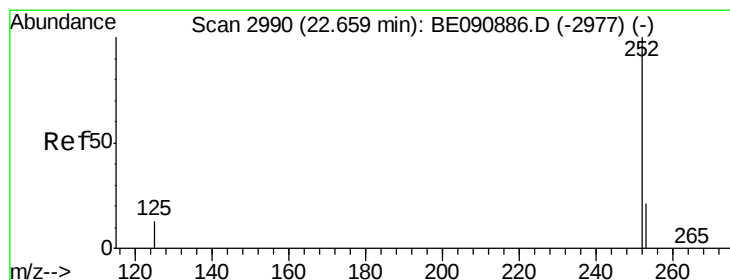
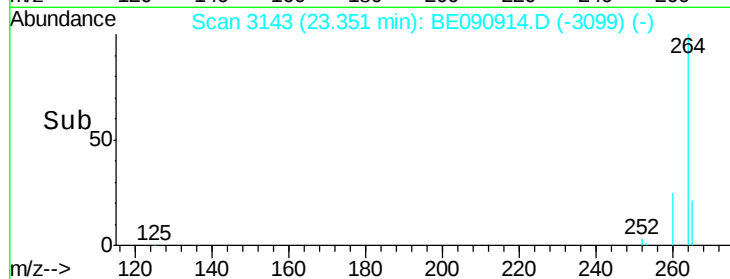
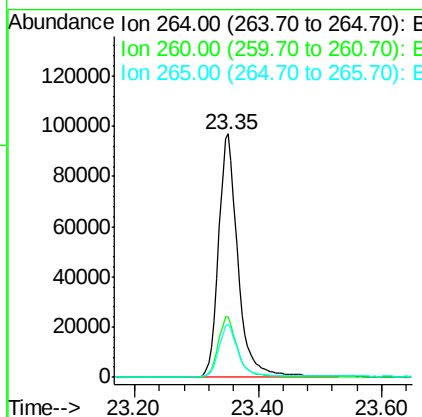
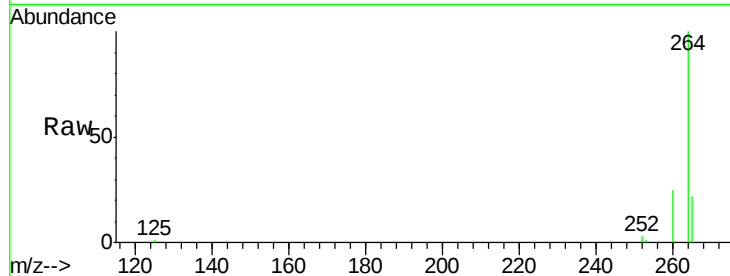


#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Instrument :
BNA_E
ClientSampleId :
PB85619BS

Tot Ion:264 Resp: 211937

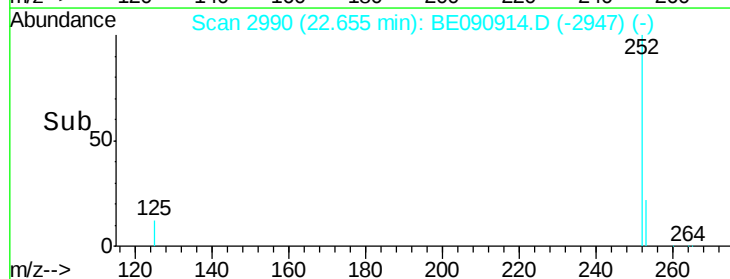
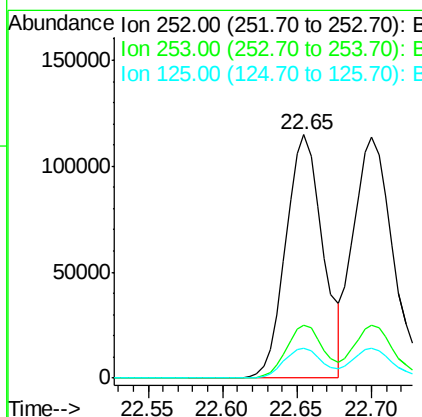
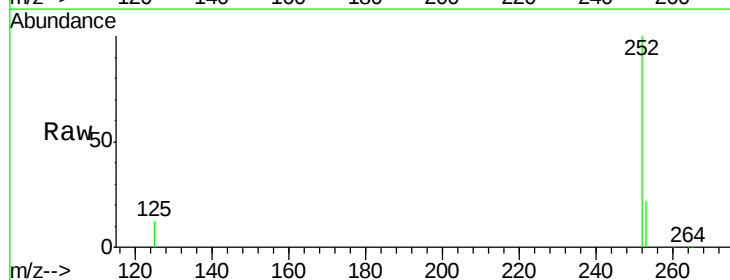
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.6	17.5	26.3

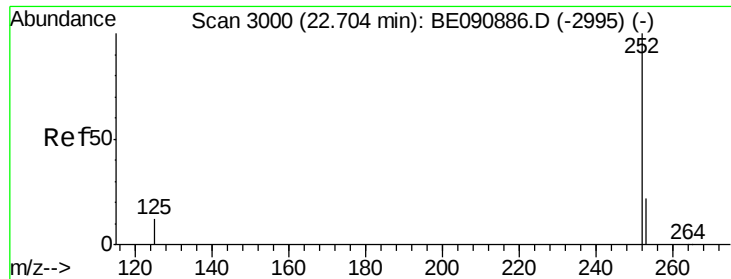


#34
Benzo(b)fluoranthene
Concen: 4.00 ng
RT: 22.65 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Tgt Ion:252 Resp: 198373

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.5	10.6	16.0





#35

Benzo(k)fluoranthene

Concen: 3.92 ng

RT: 22.70 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

Instrument :

BNA_E

ClientSampleId :

PB85619BS

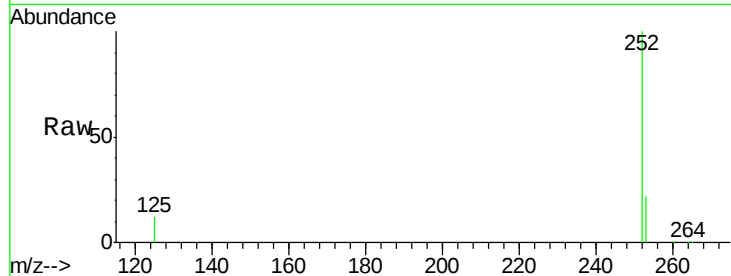
Tot Ion:252 Resp: 223630

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 12.5 10.1 15.1

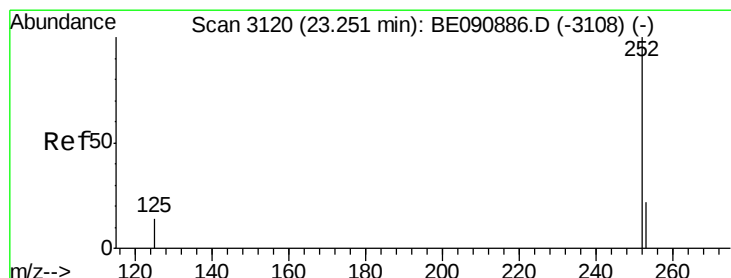
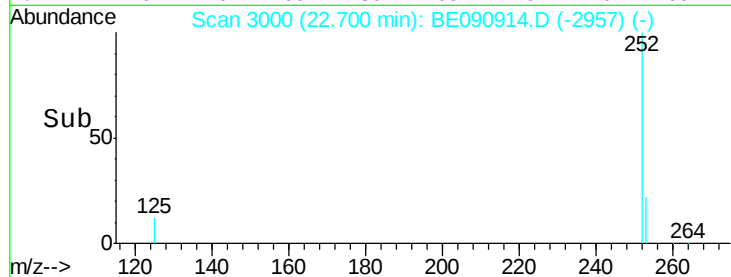
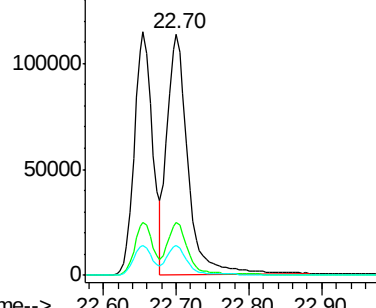


Abundance

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

Benzo(a)pyrene

Concen: 4.01 ng

RT: 23.25 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BE090914.D

Acq: 21 Sep 2015 10:46

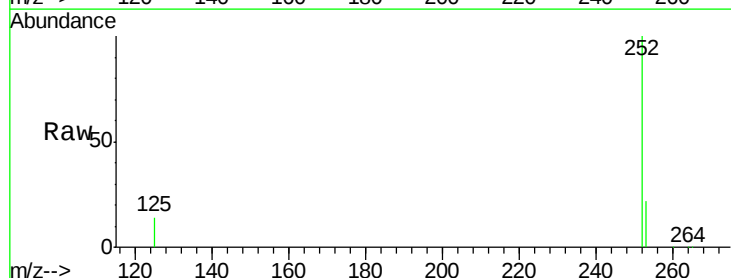
Tgt Ion:252 Resp: 189139

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 14.0 18.0 27.0#

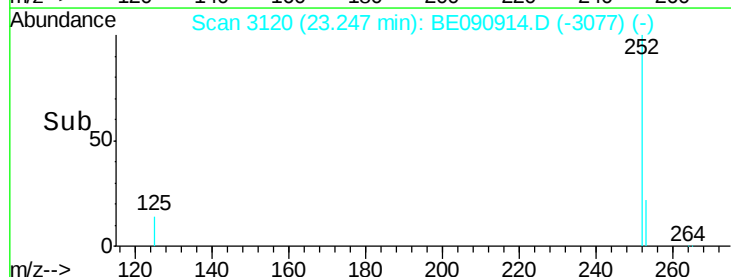
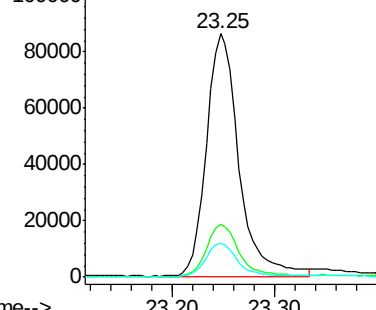


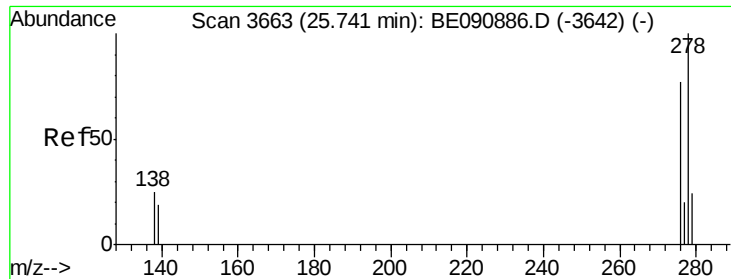
Abundance

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



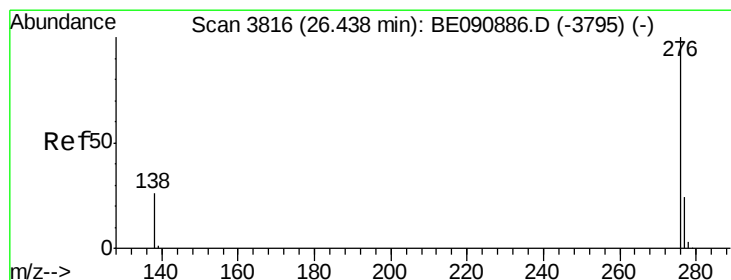
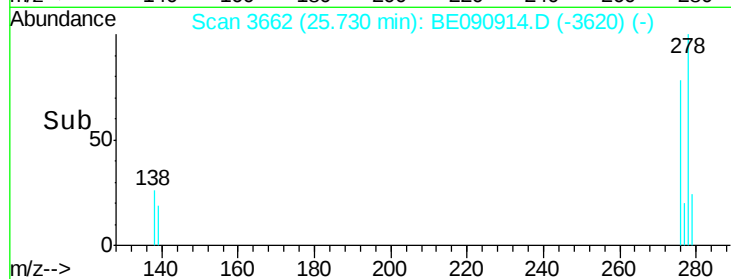
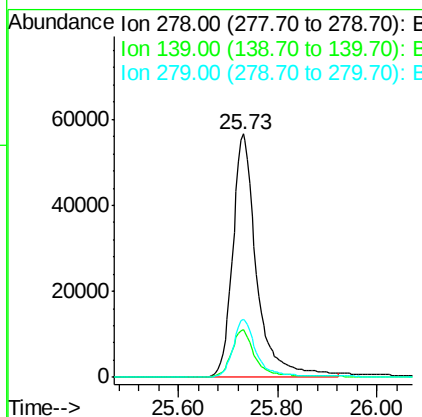
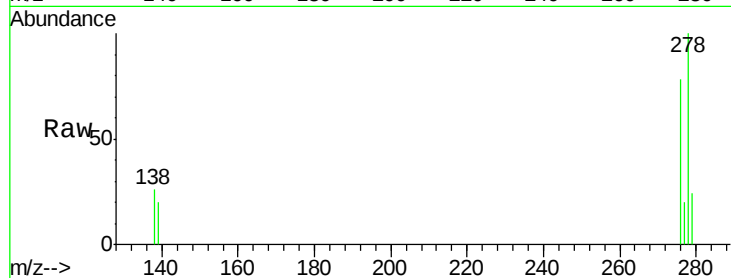


#37
Dibenzo(a,h)anthracene
Concen: 3.88 ng
RT: 25.73 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Instrument :
BNA_E
ClientSampleId :
PB85619BS

Tot Ion:278 Resp: 190643

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.4	23.0
279	23.8	18.8	28.2



#38
Benzo(g,h,i)perylene
Concen: 3.77 ng
RT: 26.43 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Tgt Ion:276 Resp: 198313

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	25.8	20.1	30.1

