

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

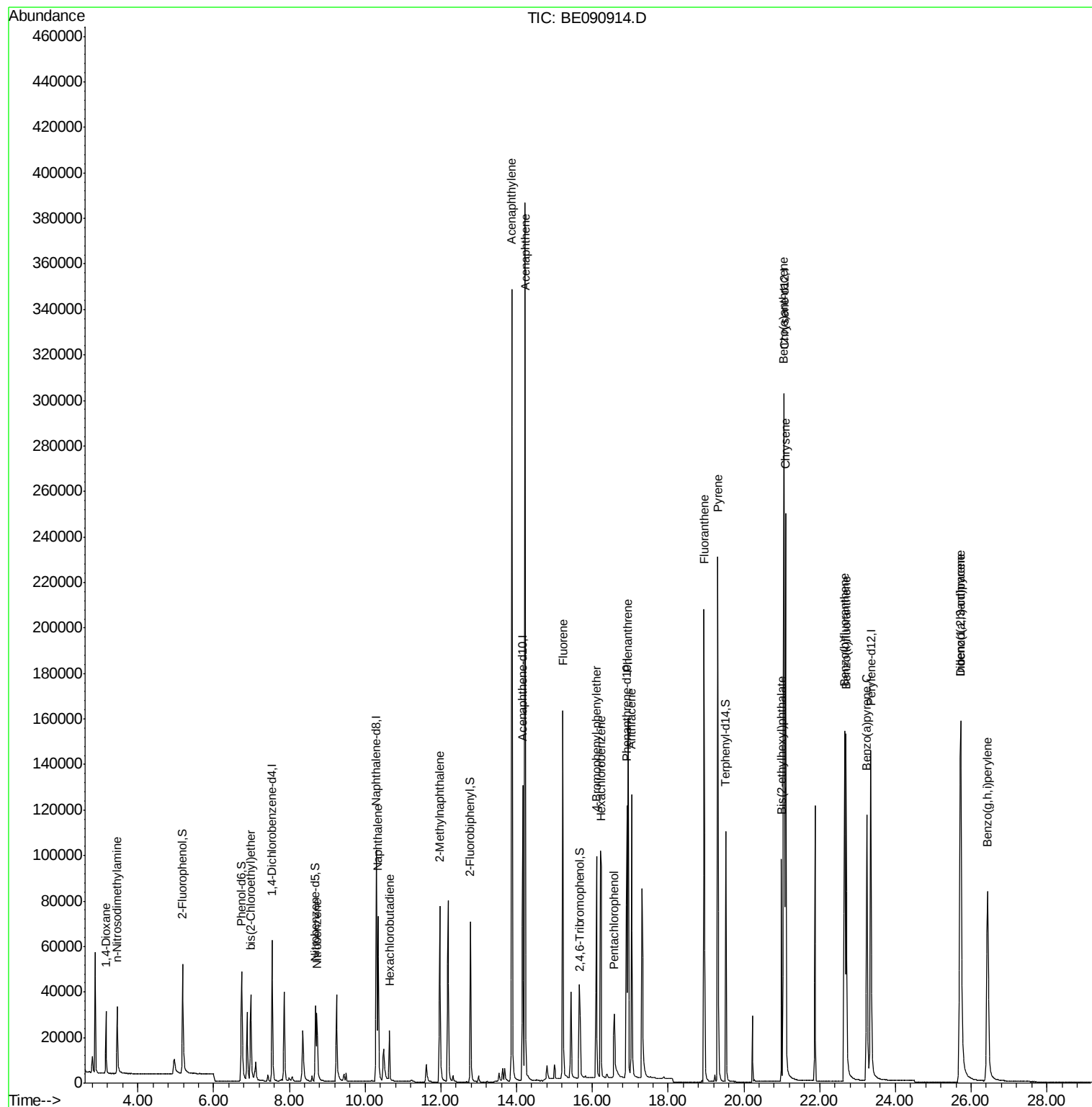
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	15671	3.67	ng	99
3) n-Nitrosodimethylamine	3.45	42	19319	3.32	ng	# 91
6) bis(2-Chloroethyl)ether	6.98	93	34837	3.83	ng	97
9) Nitrobenzene	8.73	77	40207	3.64	ng	99
10) Naphthalene	10.35	128	104934	3.73	ng	99
11) Hexachlorobutadiene	10.64	225	15882	3.79	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

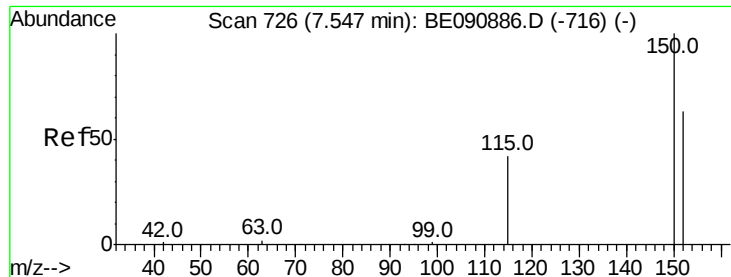
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 21 12:47:26 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
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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

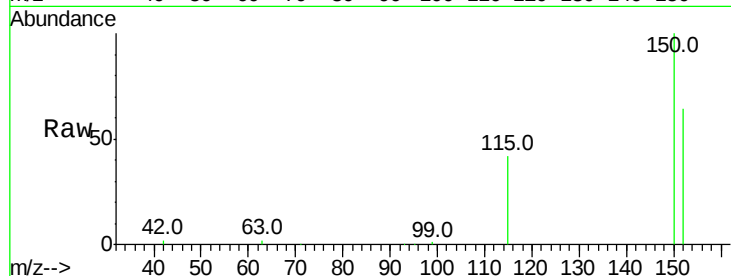
Tgt Ion:152 Resp: 32155

Ion Ratio Lower Upper

152 100

150 155.8 122.2 183.4

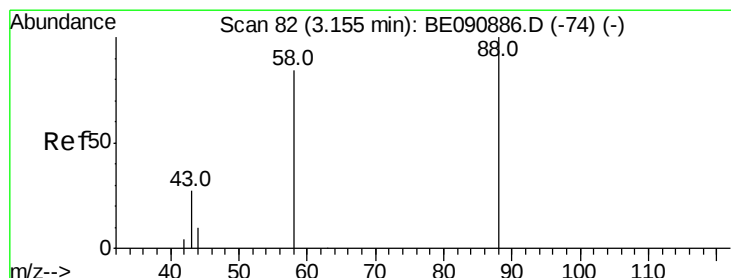
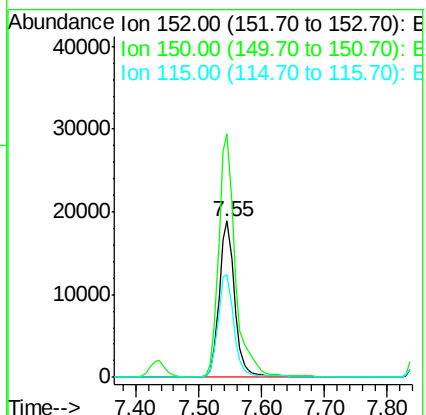
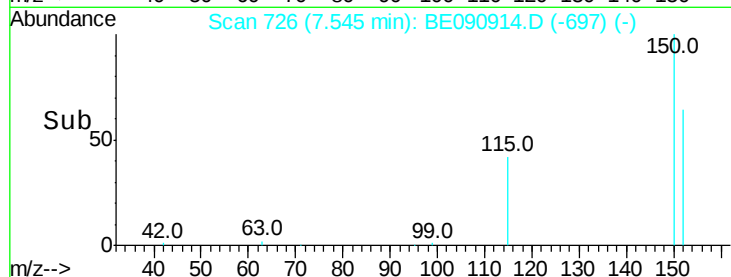
115 66.2 51.0 76.4



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

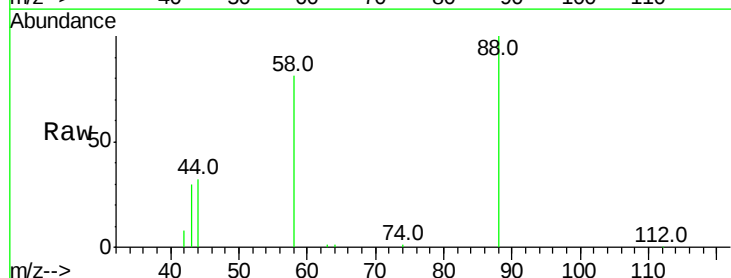
Tgt Ion: 88 Resp: 15671

Ion Ratio Lower Upper

88 100

58 86.1 68.4 102.6

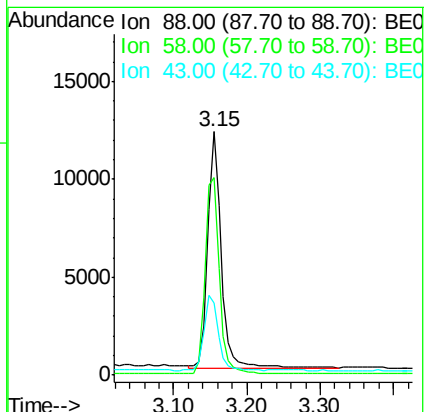
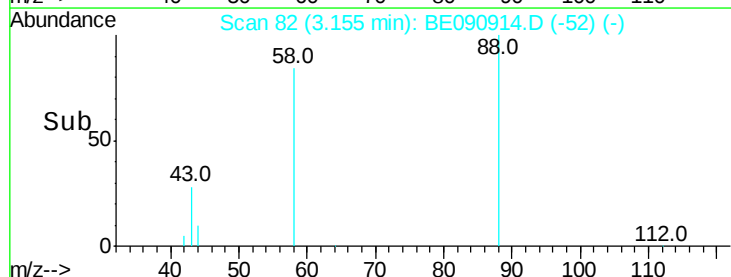
43 32.3 26.9 40.3

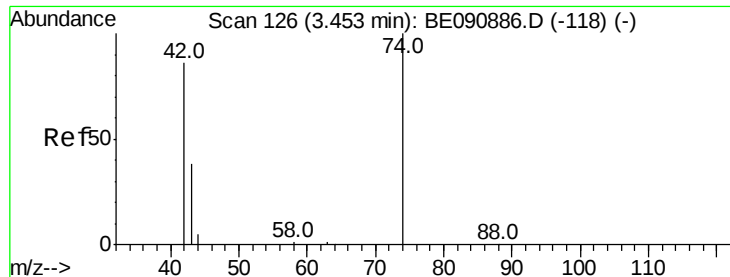


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



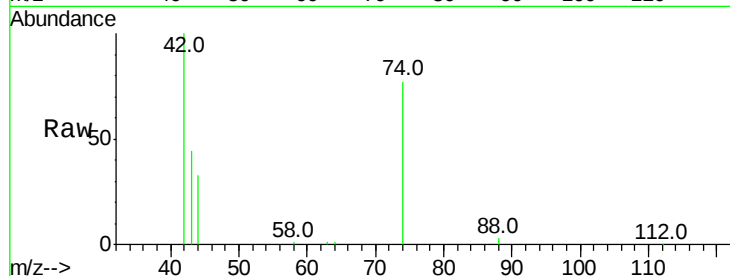


#3

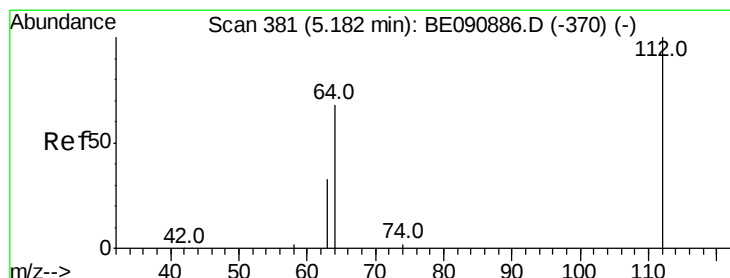
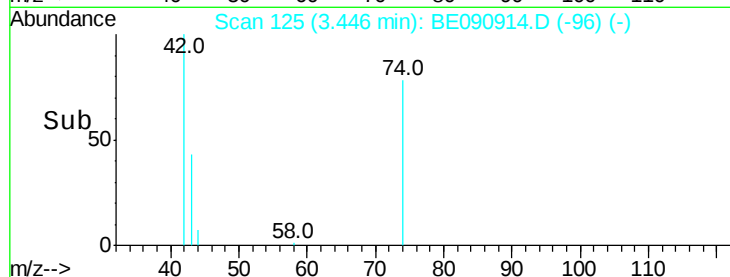
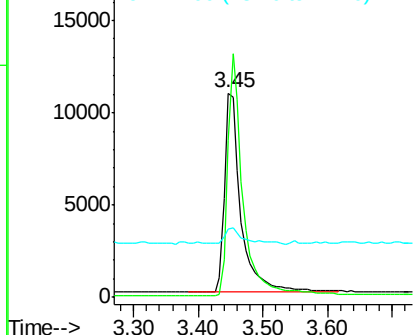
n-Nitrosodimethylamine
 Concen: 3.32 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

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



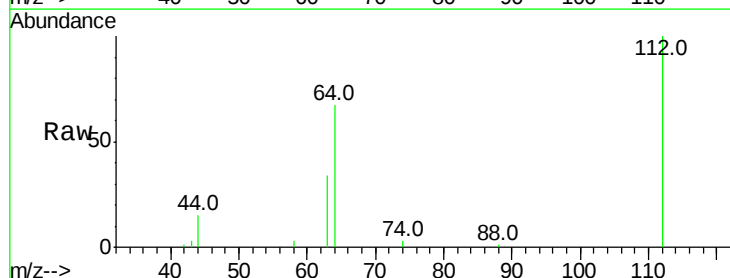
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



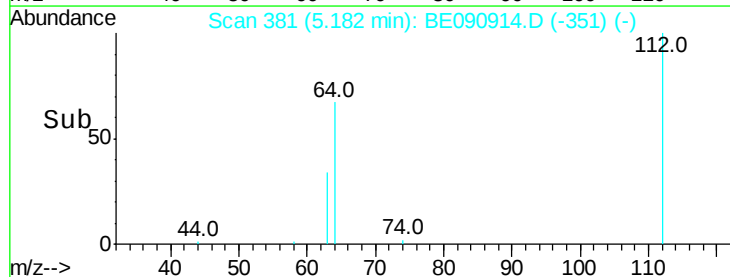
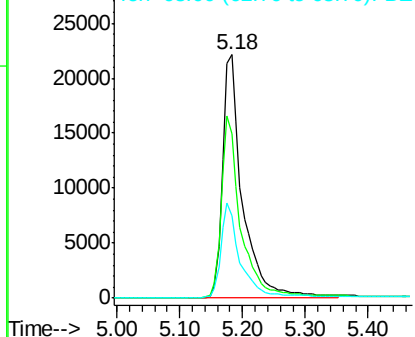
#4

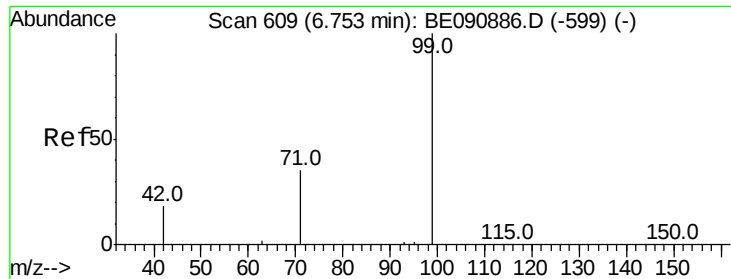
2-Fluorophenol
 Concen: 6.73 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

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



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: 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

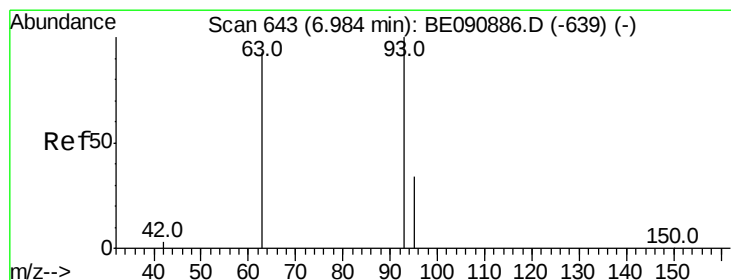
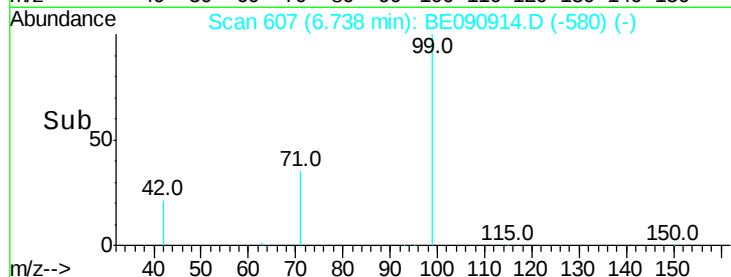
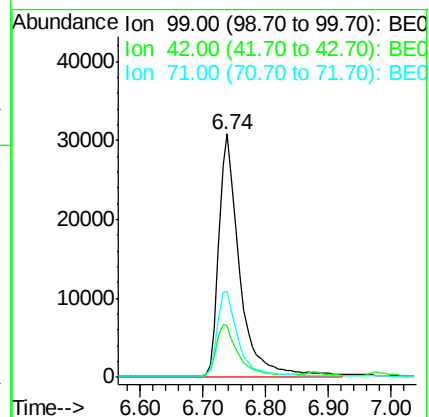
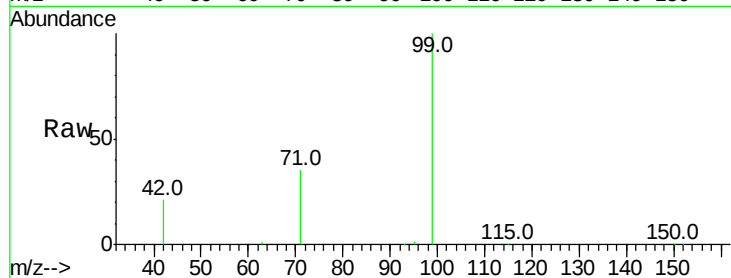
Tgt Ion: 99 Resp: 71504

Ion Ratio Lower Upper

99 100

42 21.9 16.8 25.2

71 36.1 28.3 42.5



#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

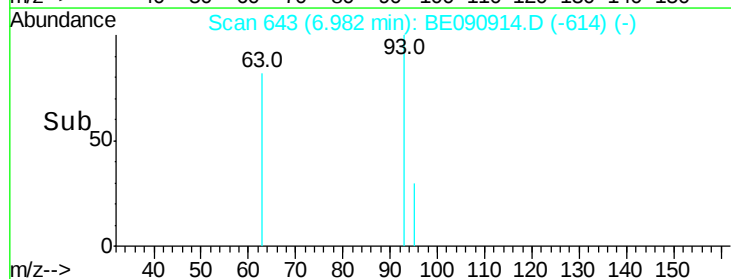
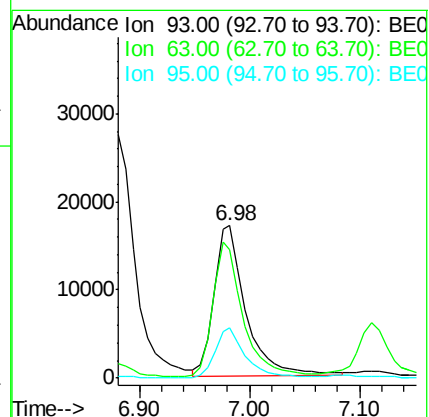
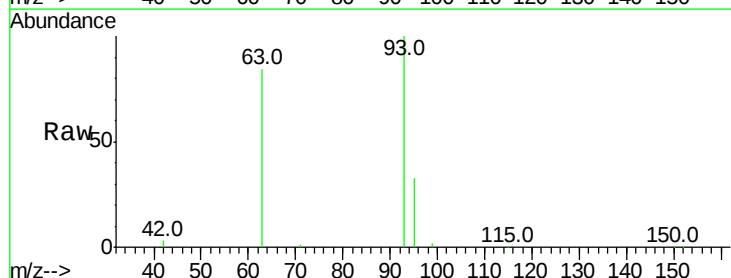
Tgt Ion: 93 Resp: 34837

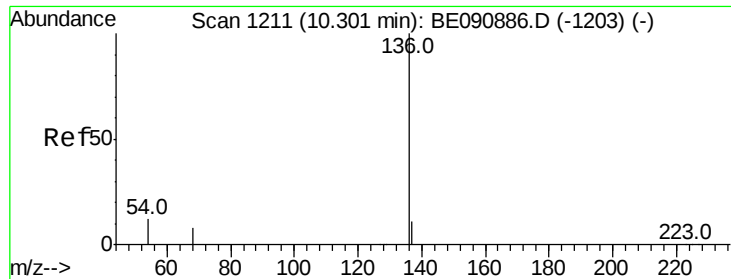
Ion Ratio Lower Upper

93 100

63 83.7 68.5 102.7

95 30.6 26.9 40.3





#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

Tgt Ion: 136 Resp: 144383

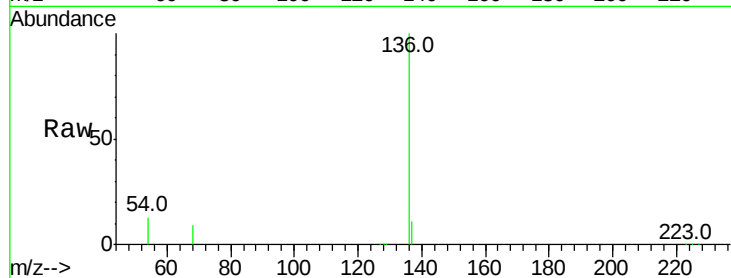
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 13.1 9.0 13.6

68 9.3 6.3 9.5



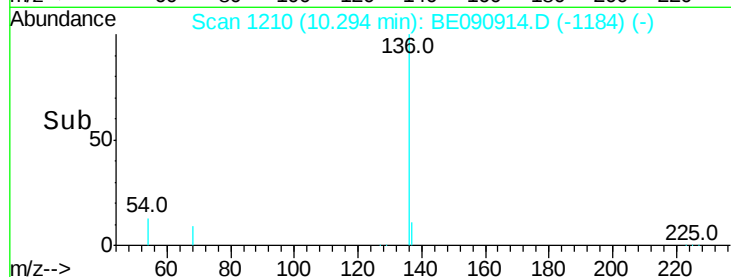
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

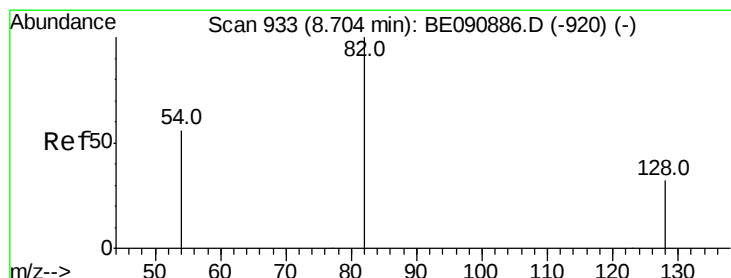
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#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

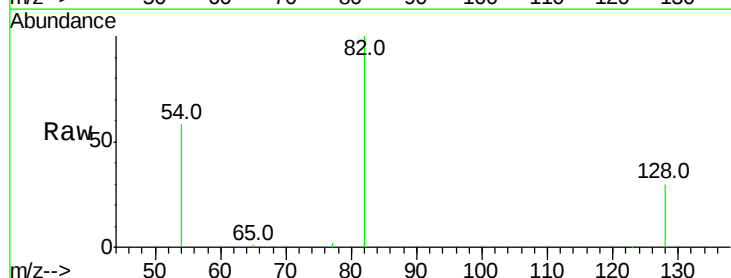
Tgt Ion: 82 Resp: 37364

Ion Ratio Lower Upper

82 100

128 29.8 25.0 37.4

54 58.1 46.3 69.5

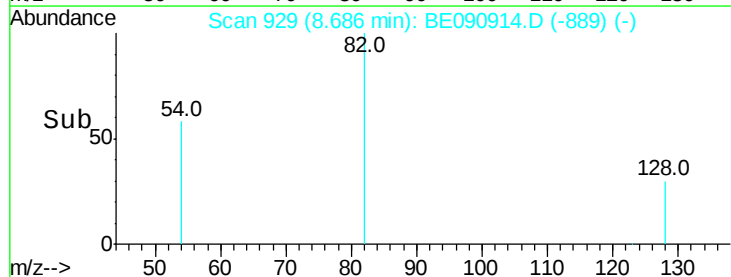


Abundance Ion 82.00 (81.70 to 82.70): BE0

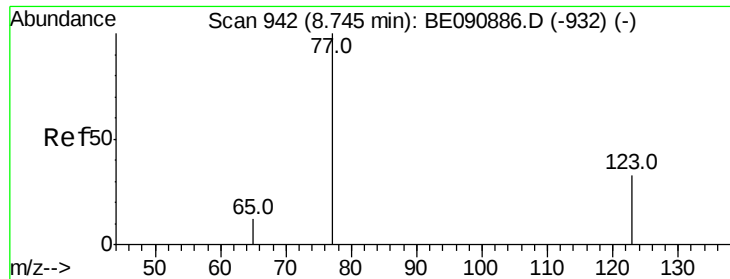
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



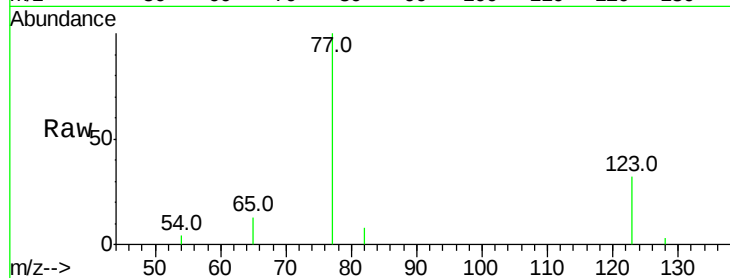
Time-->



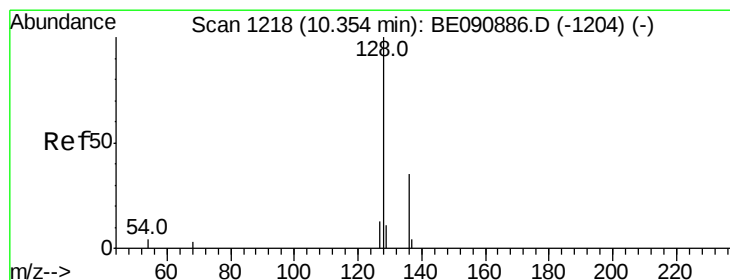
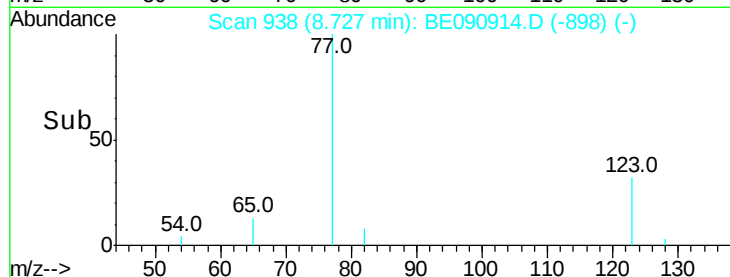
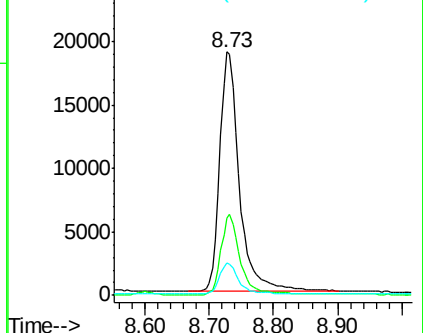
#9
 Nitrobenzene
 Concen: 3.64 ng
 RT: 8.73 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

Tgt Ion: 77 Resp: 40207
 Ion Ratio Lower Upper
 77 100
 123 32.3 25.1 37.7
 65 12.4 9.9 14.9

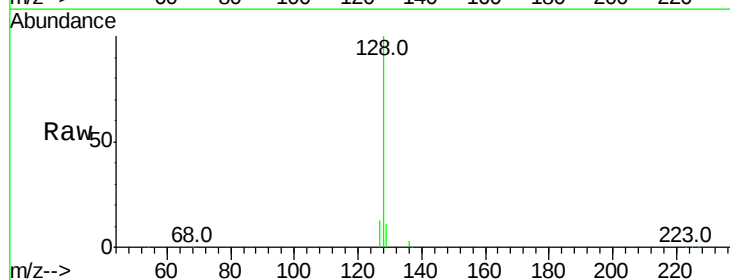


Abundance Ion 77.00 (76.70 to 77.70): BE0
 Ion 123.00 (122.70 to 123.70): BE0
 Ion 65.00 (64.70 to 65.70): BE0

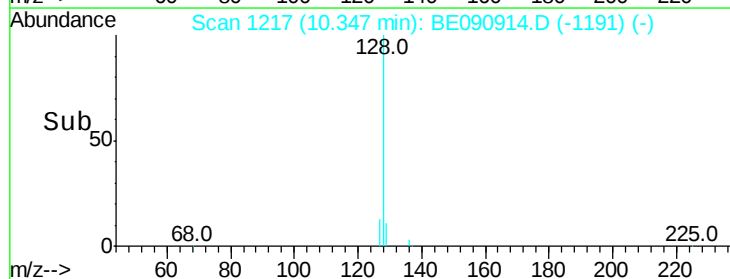
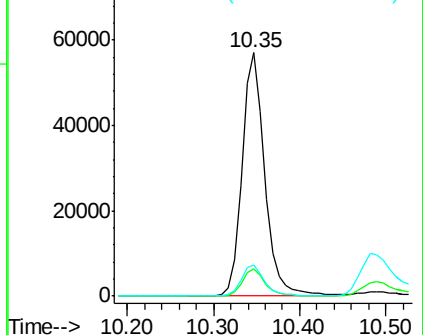


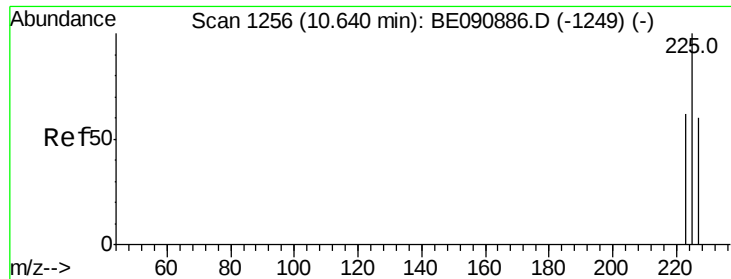
#10
 Naphthalene
 Concen: 3.73 ng
 RT: 10.35 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

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): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

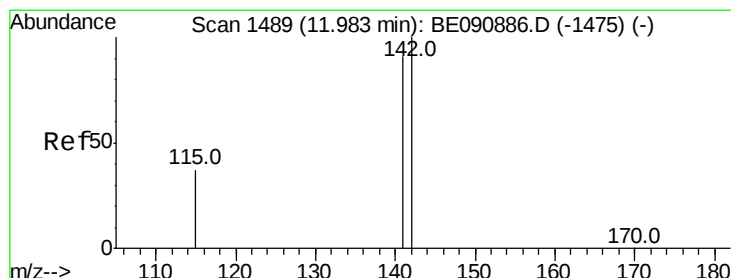
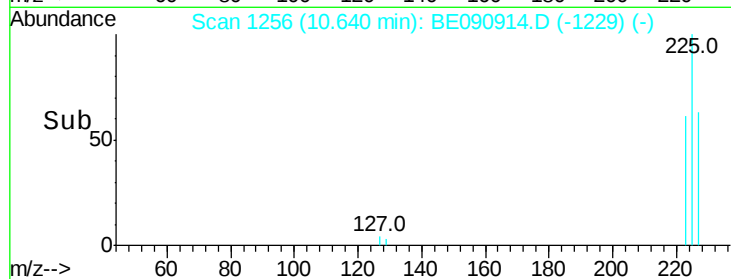
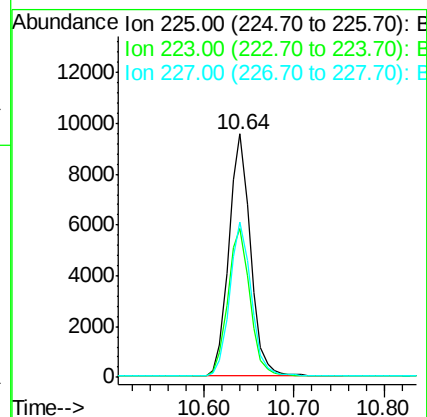
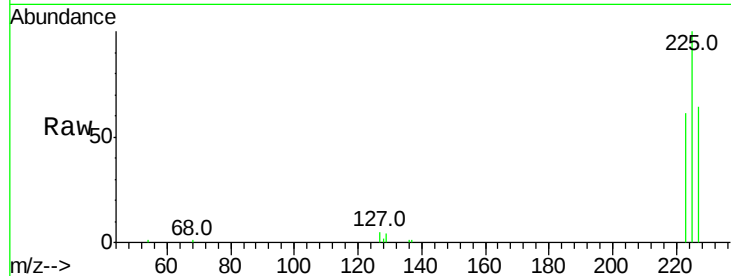




#11
Hexachlorobutadiene
Concen: 3.79 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

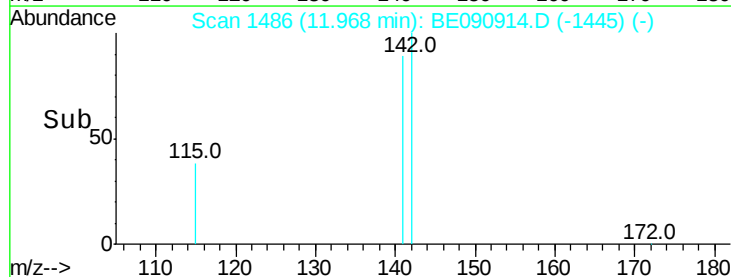
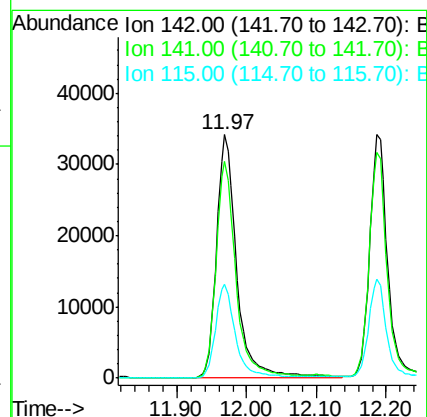
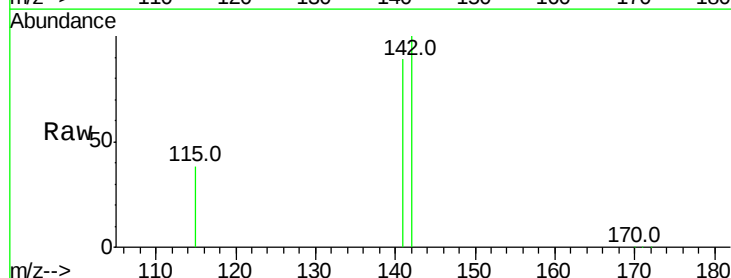
Instrument :
BNA_E
ClientSampleId :
PB85619BS

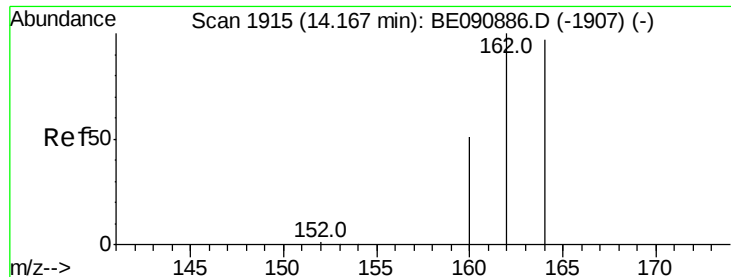
Tgt Ion: 225 Resp: 15882
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 63.5 51.0 76.6



#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

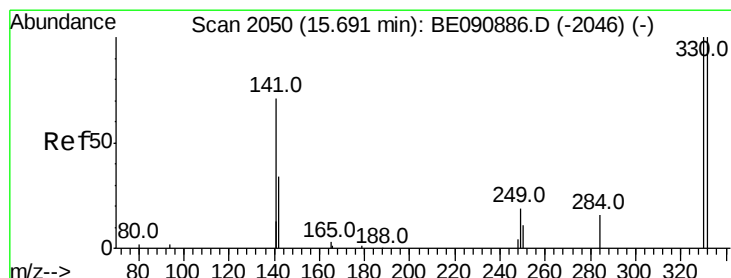
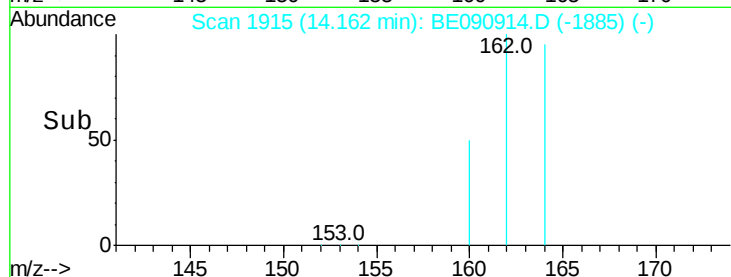
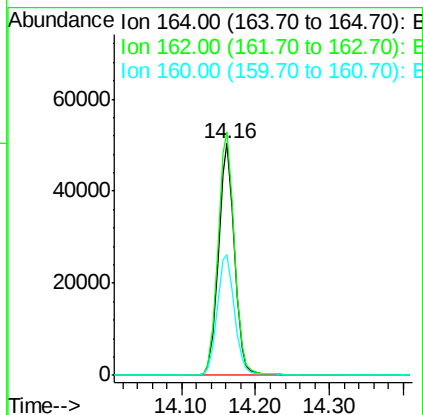
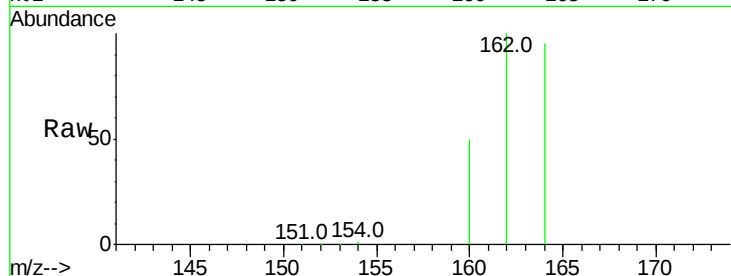
Tgt Ion:164 Resp: 75932

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

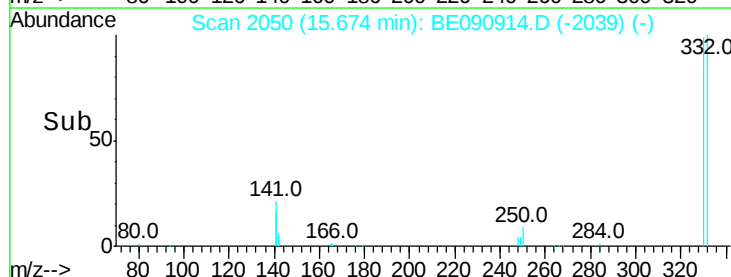
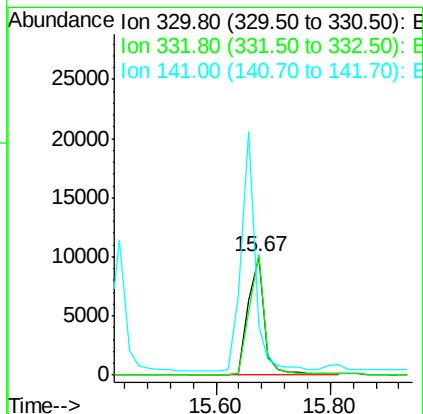
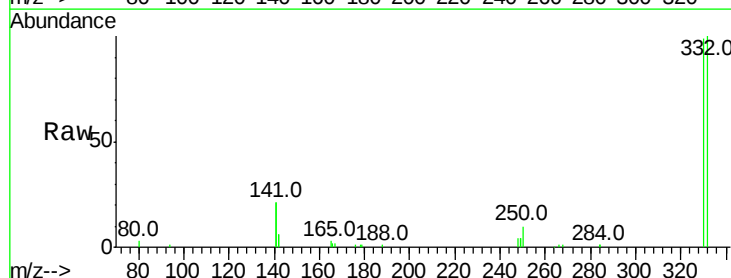
Tgt Ion:330 Resp: 20002

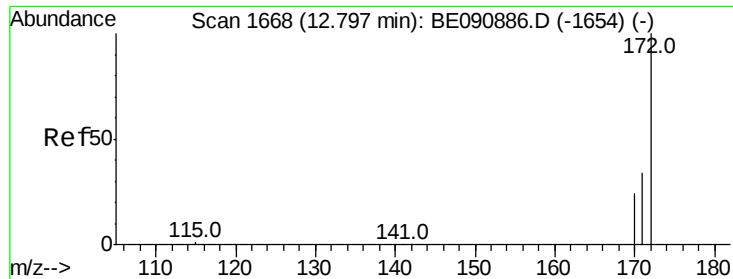
Ion Ratio Lower Upper

330 100

332 95.7 74.9 112.3

141 171.2 145.2 217.8

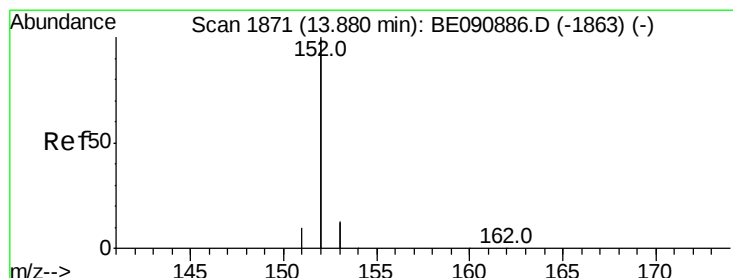
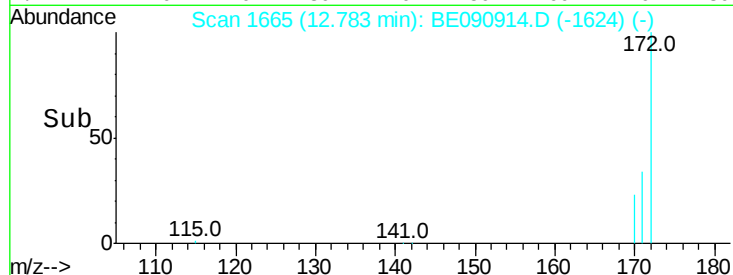
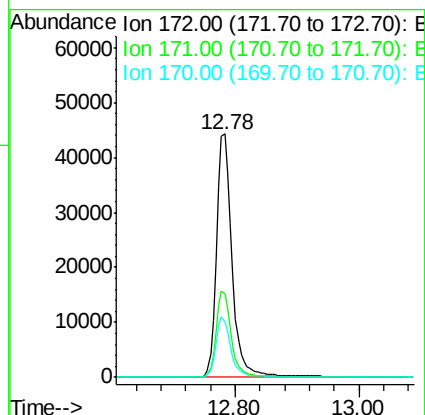
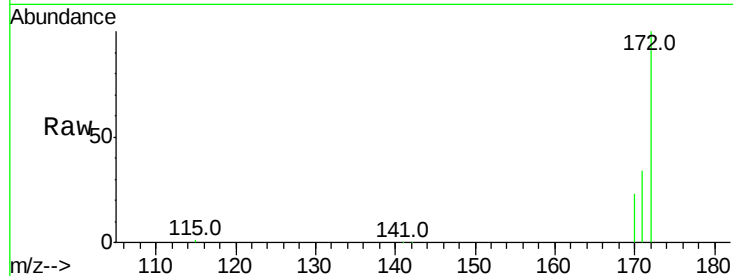




#15
 2-Fluorobiphenyl
 Concen: 3.57 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

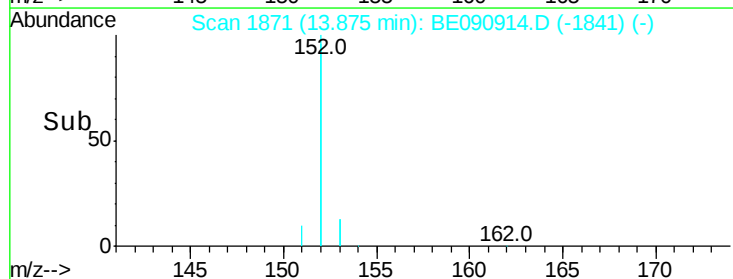
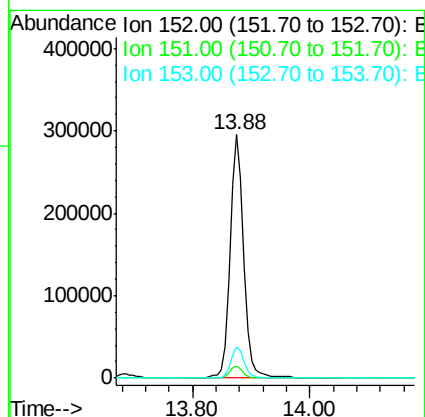
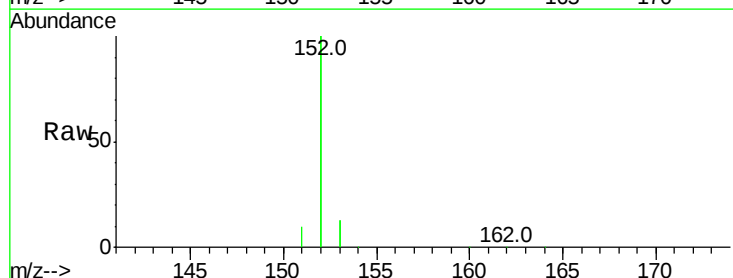
Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

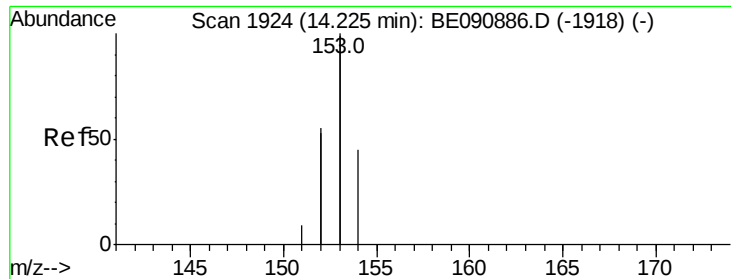
Tgt Ion:172 Resp: 76934
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.8
 170 22.8 19.8 29.6



#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





#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

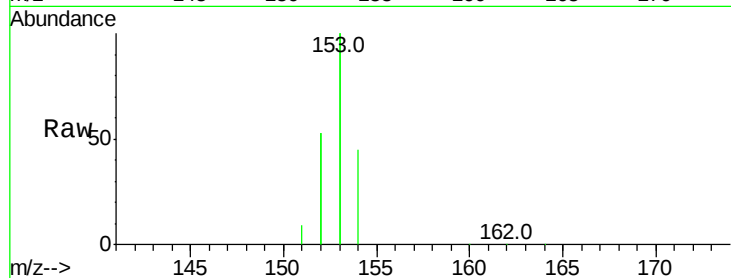
Tgt Ion:154 Resp: 72314

Ion Ratio Lower Upper

154 100

153 440.7 354.5 531.7

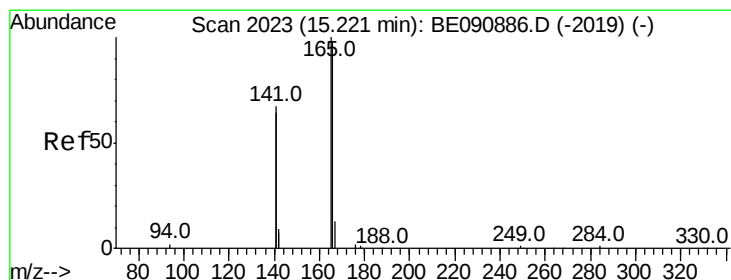
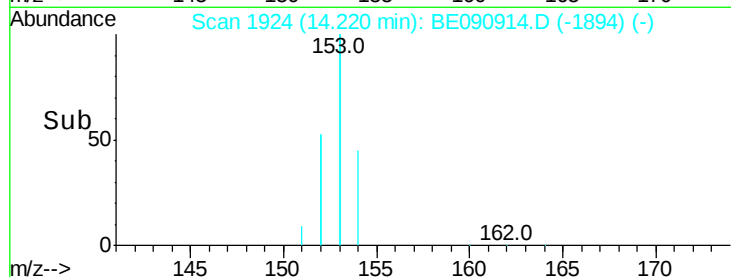
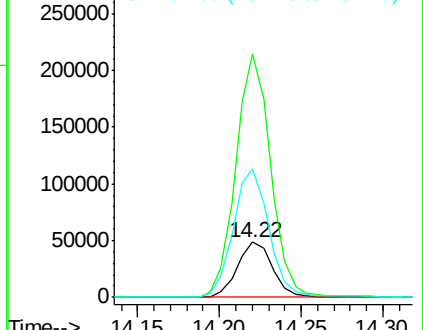
152 237.8 227.8 341.6



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



#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

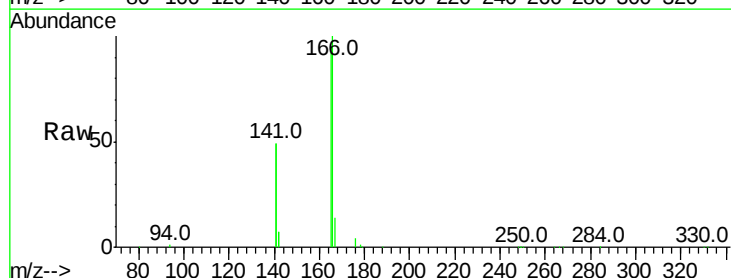
Tgt Ion:166 Resp: 94688

Ion Ratio Lower Upper

166 100

165 100.2 82.7 124.1

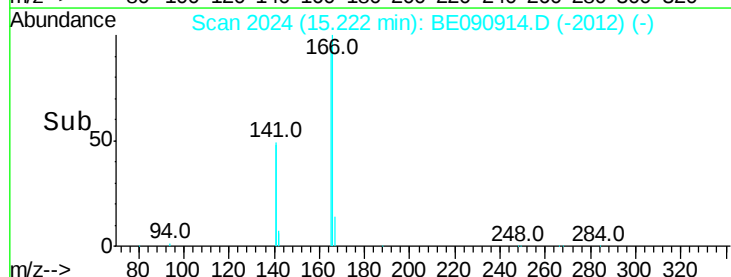
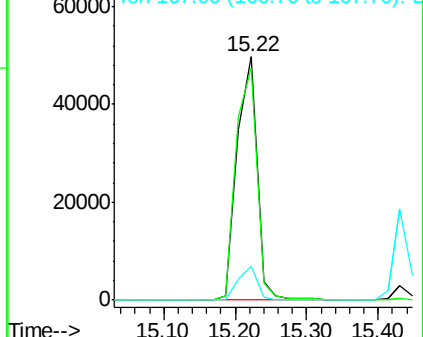
167 13.3 10.7 16.1

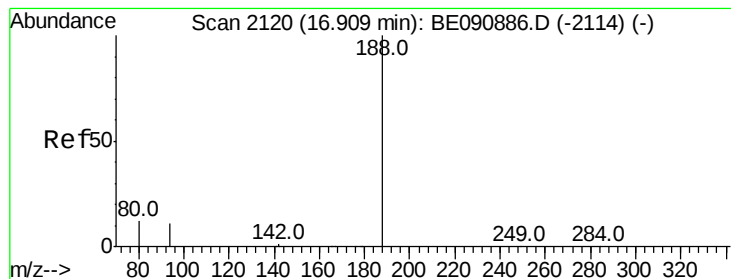


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#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

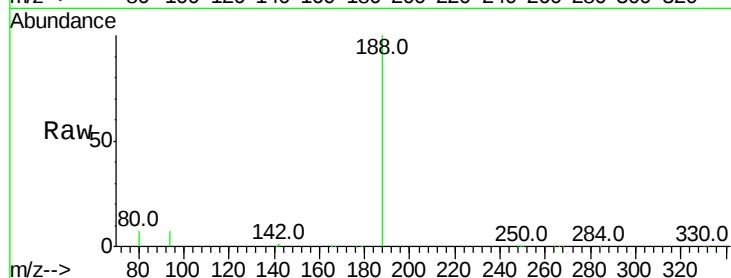
Tgt Ion:188 Resp: 172801

Ion Ratio Lower Upper

188 100

94 6.9 10.3 15.5#

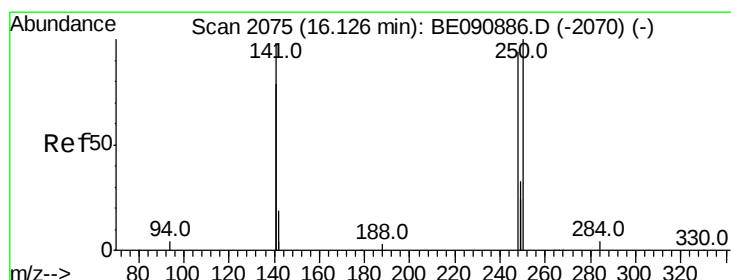
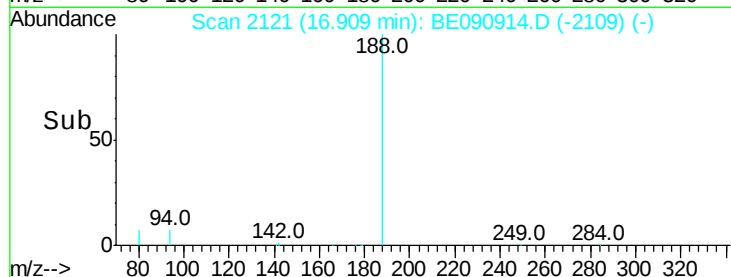
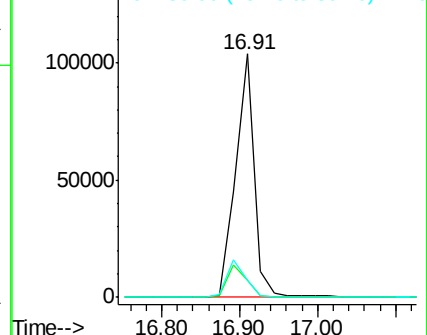
80 7.2 11.0 16.6#



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

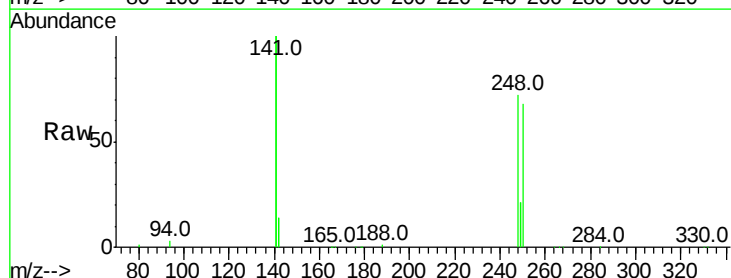
Tgt Ion:248 Resp: 24915

Ion Ratio Lower Upper

248 100

250 97.9 76.7 115.1

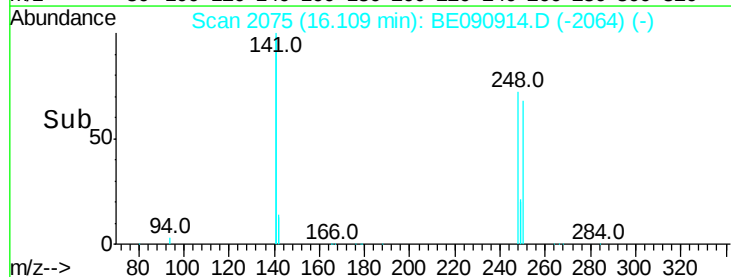
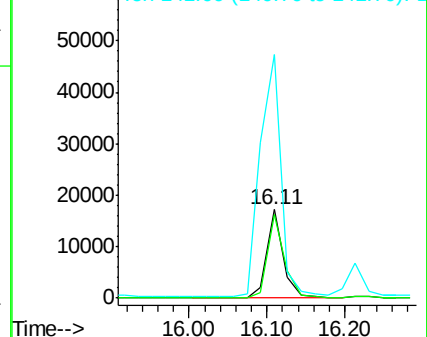
141 349.4 292.6 439.0

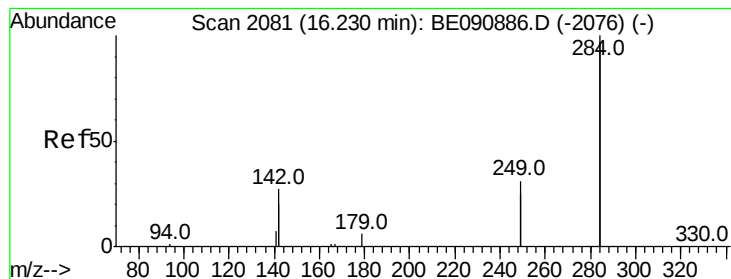


Abundance Ion 248.00 (247.70 to 248.70): E

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

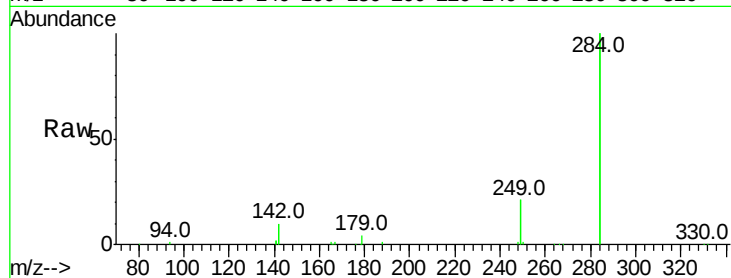
Tgt Ion:284 Resp: 115639

Ion Ratio Lower Upper

284 100

142 42.6 35.0 52.4

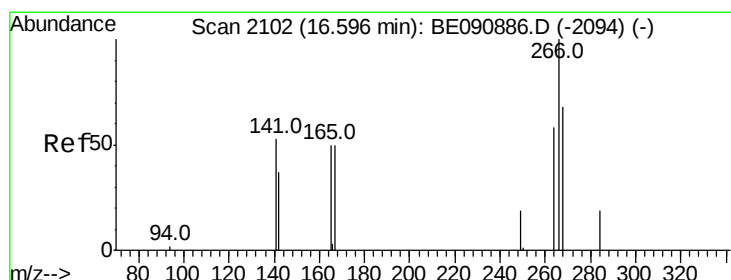
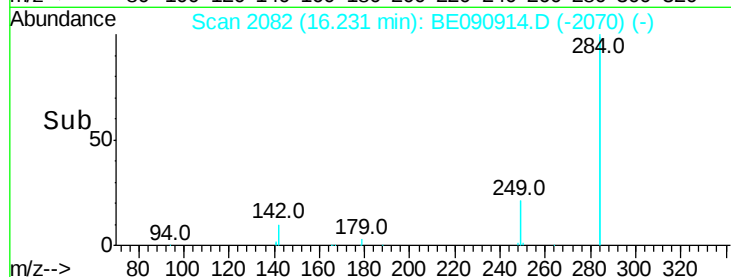
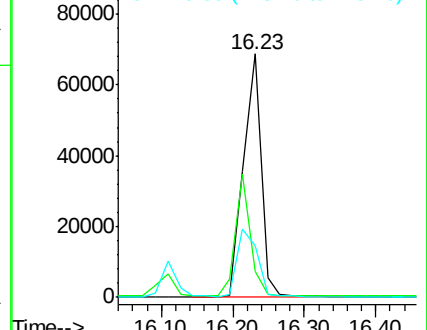
249 31.7 25.5 38.3



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

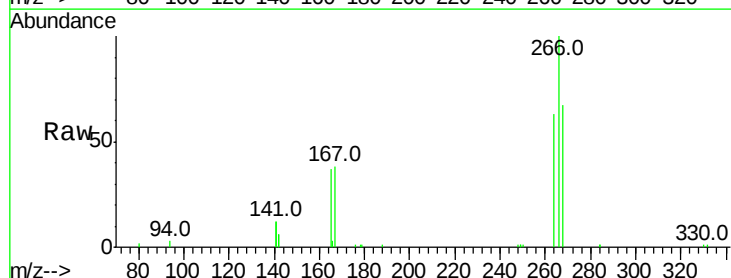
Tgt Ion:266 Resp: 21302

Ion Ratio Lower Upper

266 100

268 66.7 49.6 74.4

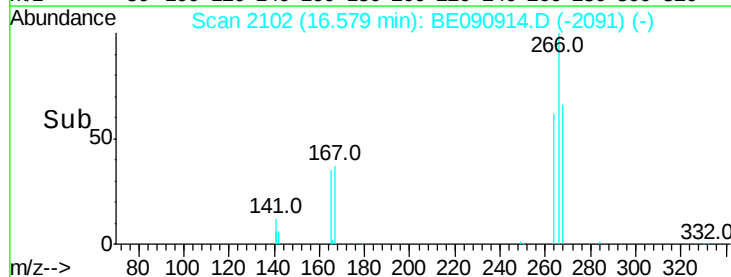
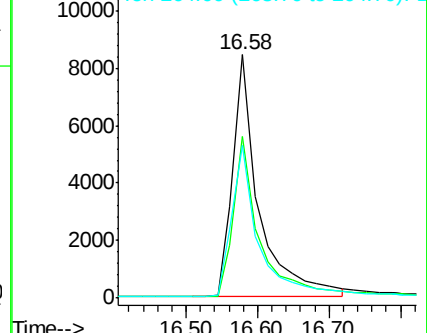
264 62.6 53.9 80.9

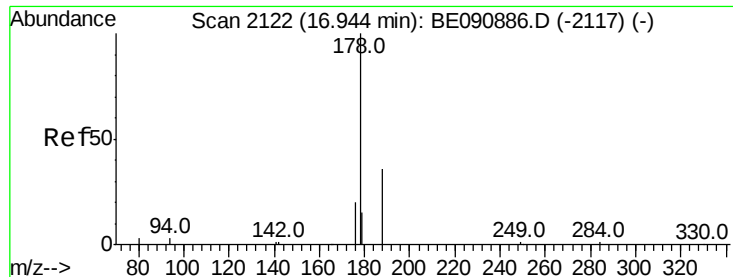


Abundance Ion 265.70 (265.40 to 266.40): E

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

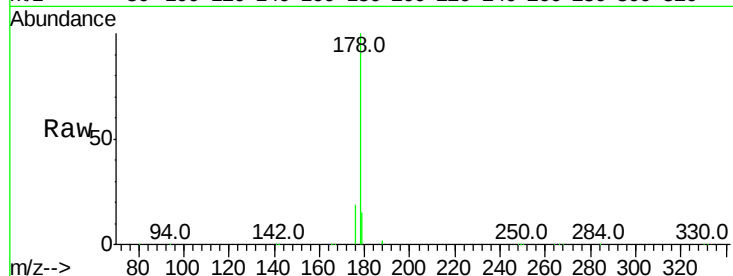
Tgt Ion:178 Resp: 169703

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

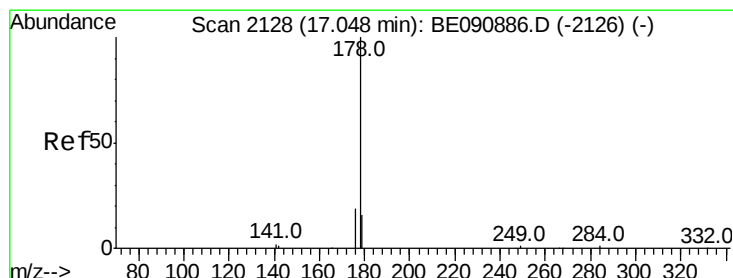
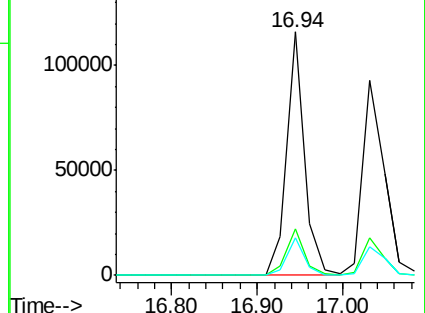
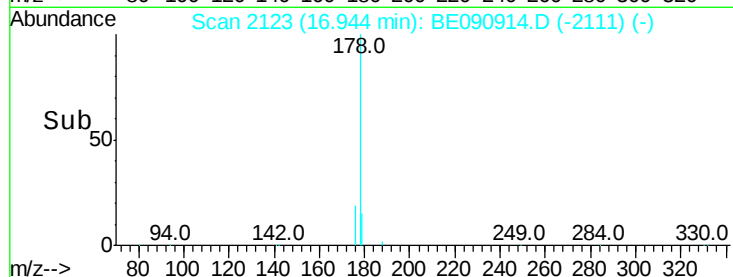
179 15.4 12.8 19.2



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

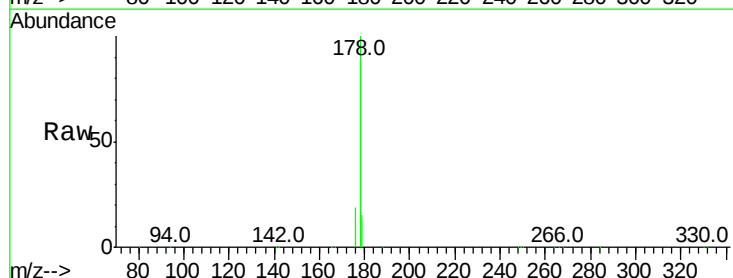
Tgt Ion:178 Resp: 162628

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

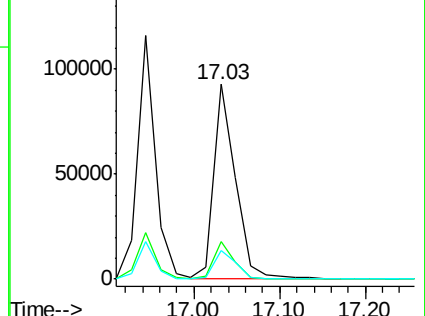
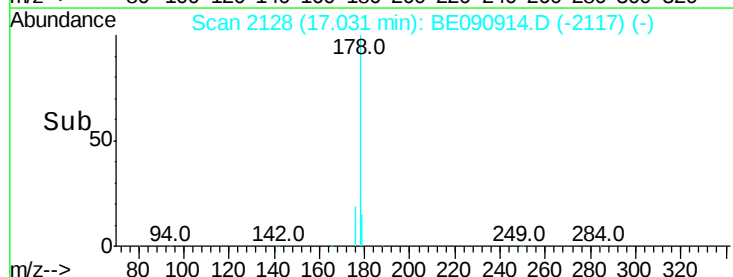
179 15.1 12.3 18.5

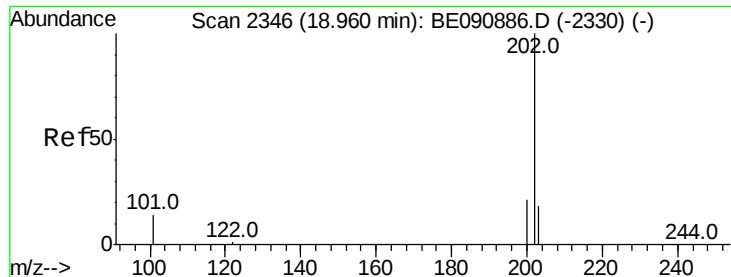


Abundance Ion 178.00 (177.70 to 178.70): E

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

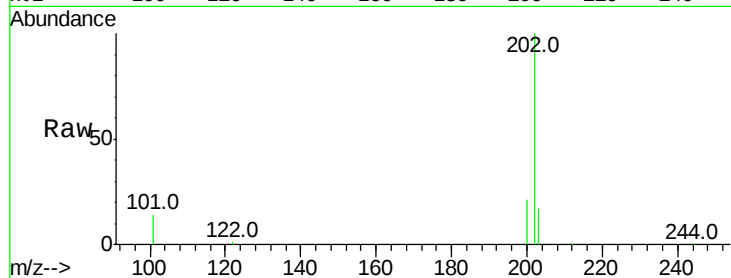
Tgt Ion:202 Resp: 195207

Ion Ratio Lower Upper

202 100

101 14.3 11.0 16.6

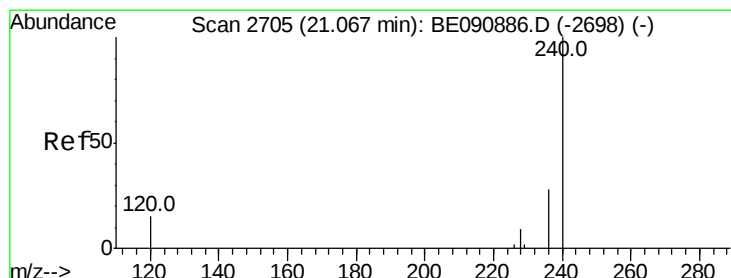
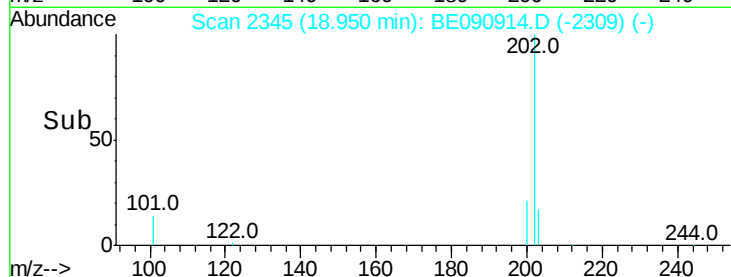
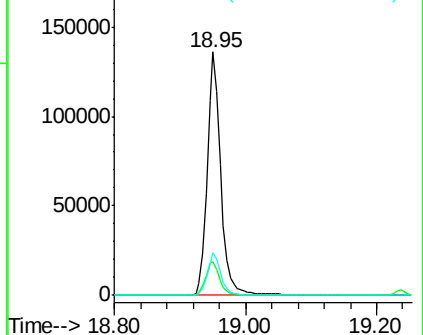
203 17.2 13.9 20.9



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

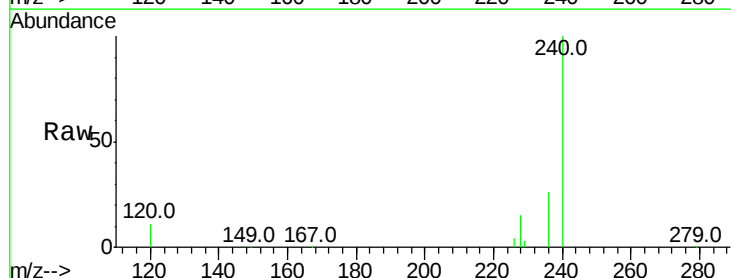
Tgt Ion:240 Resp: 235881

Ion Ratio Lower Upper

240 100

120 11.2 10.1 15.1

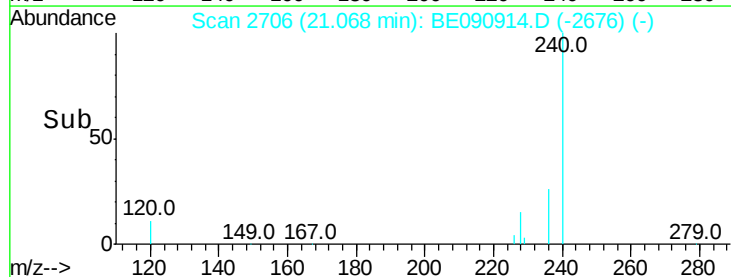
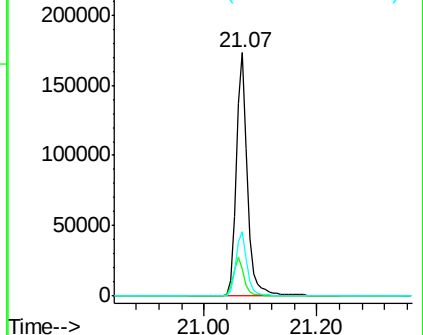
236 26.5 21.9 32.9

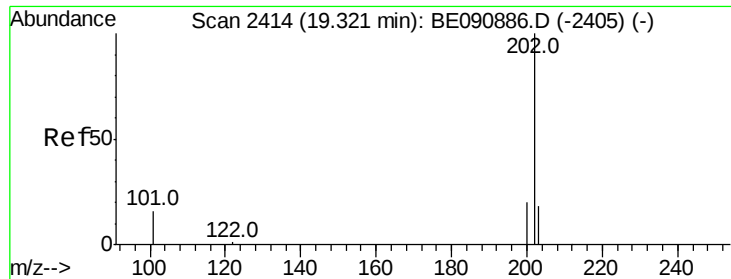


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

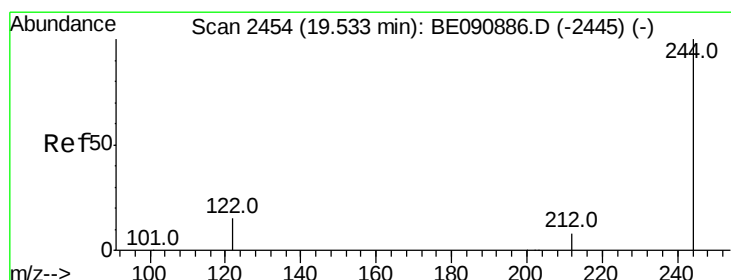
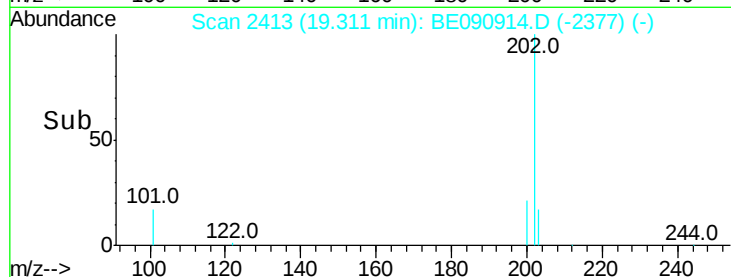
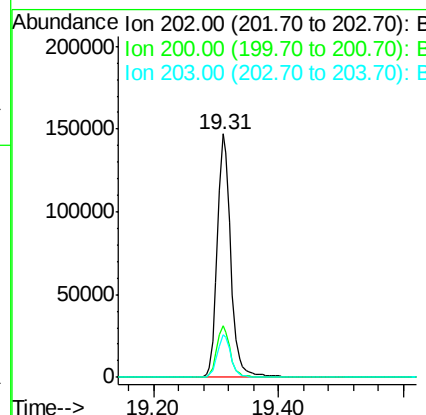
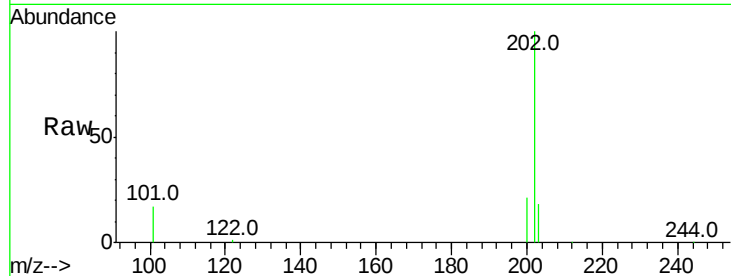




#27
 Pyrene
 Concen: 4.06 ng
 RT: 19.31 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

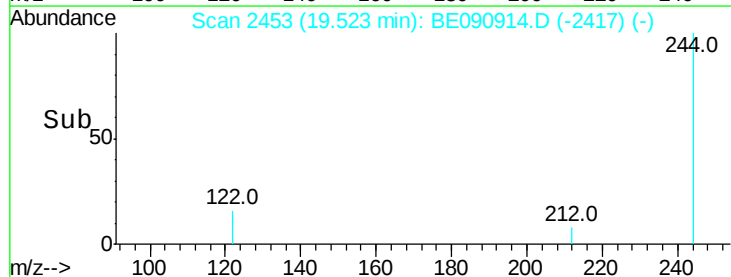
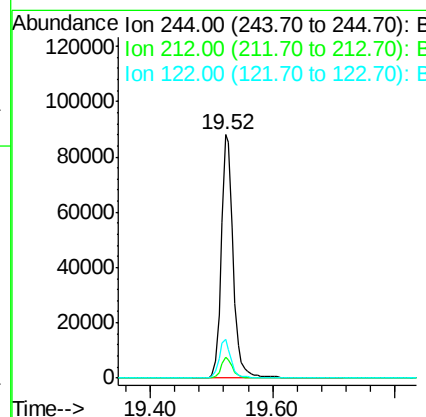
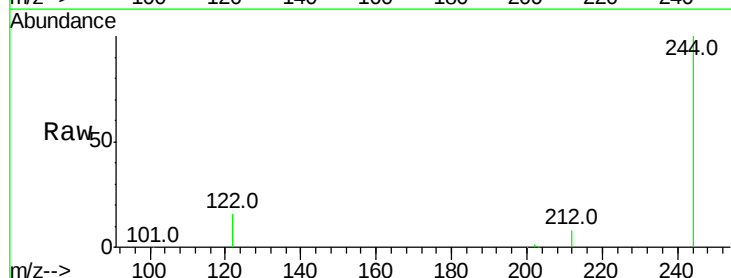
Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

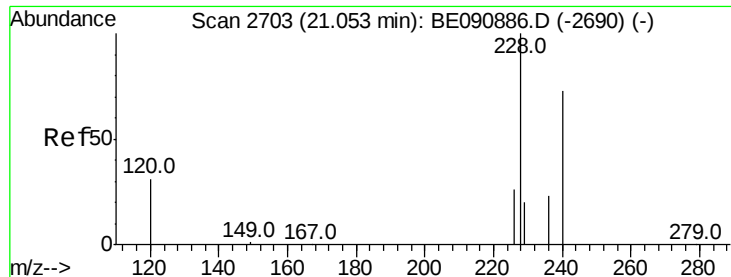
Tgt Ion: 202 Resp: 218495
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 17.9 13.8 20.6



#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: 244 Resp: 119230
 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

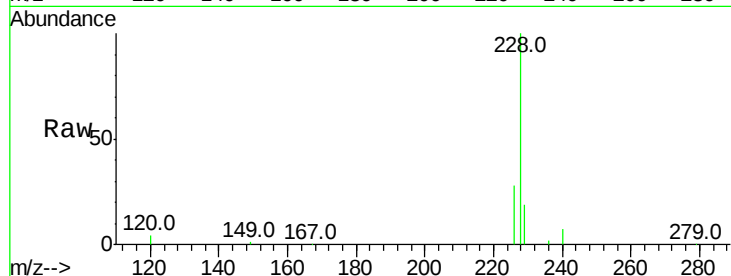
Tgt Ion:228 Resp: 216805

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

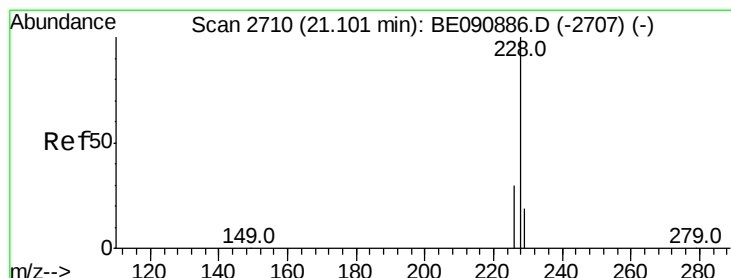
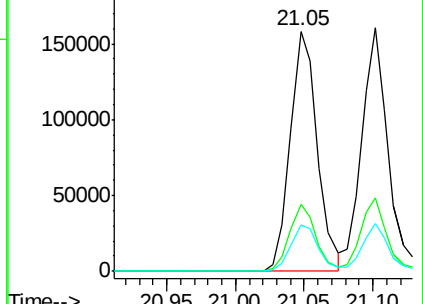
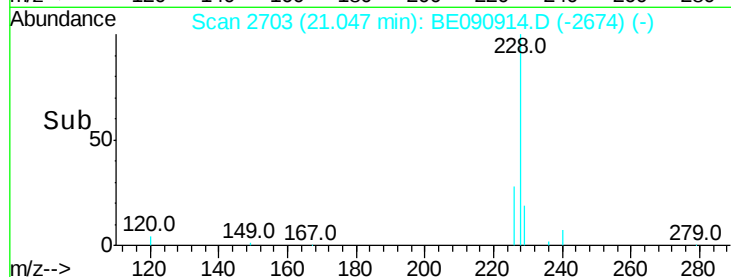
229 19.2 15.9 23.9



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

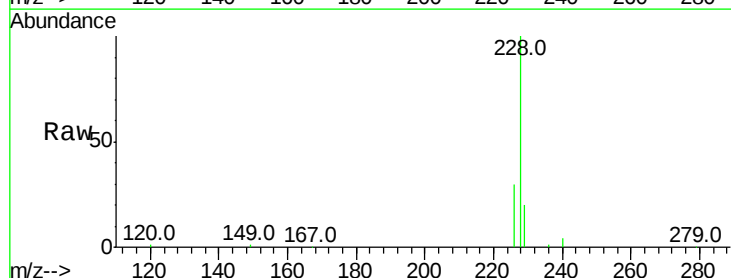
Tgt Ion:228 Resp: 222082

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

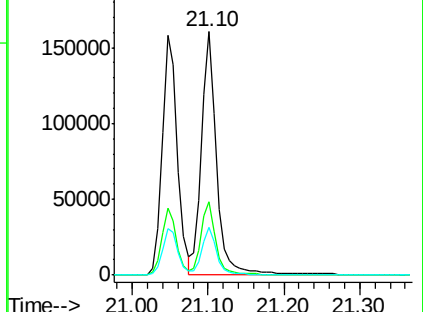
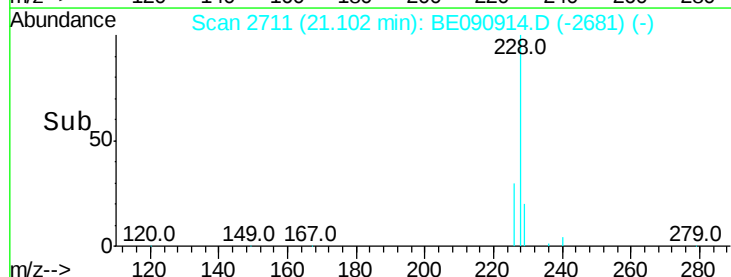
229 19.8 15.3 22.9

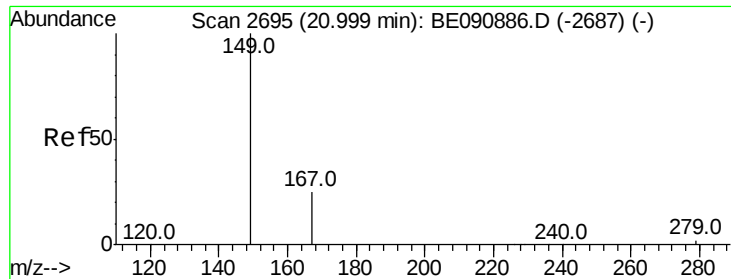


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

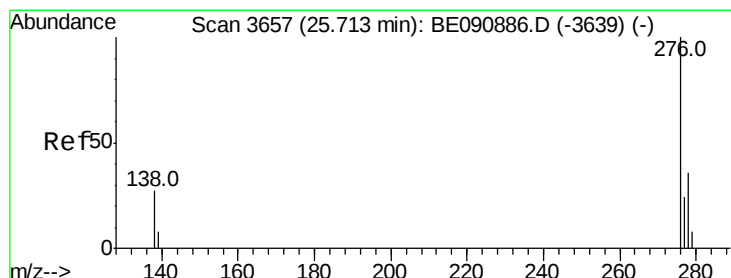
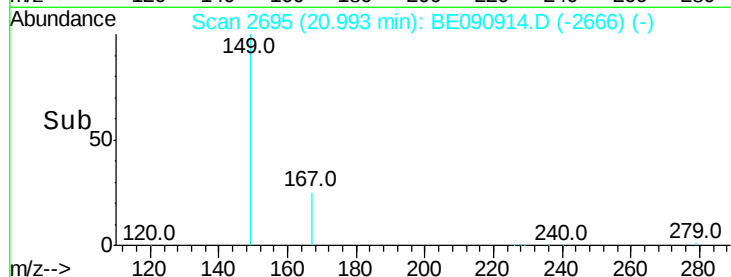
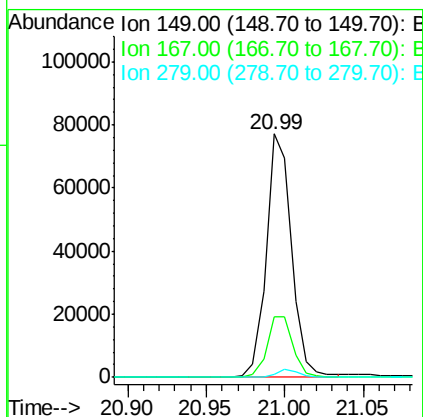
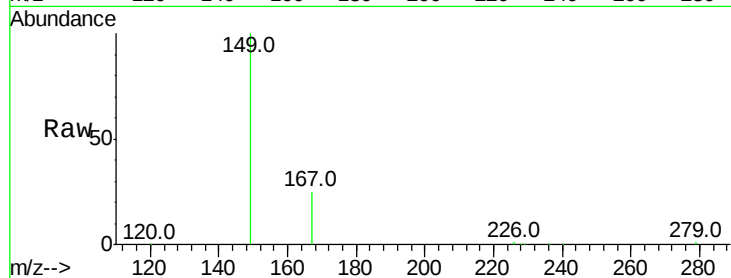




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 3.23 ng
 RT: 20.99 min Scan# 2695
 Delta R.T. -0.01 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

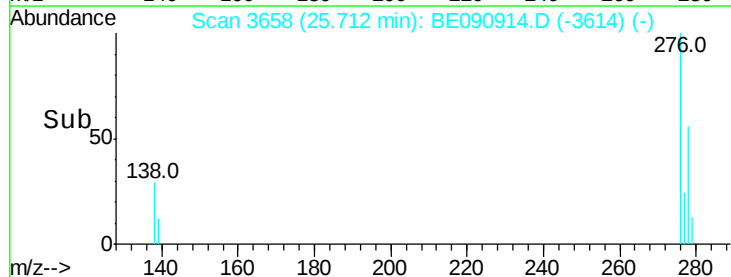
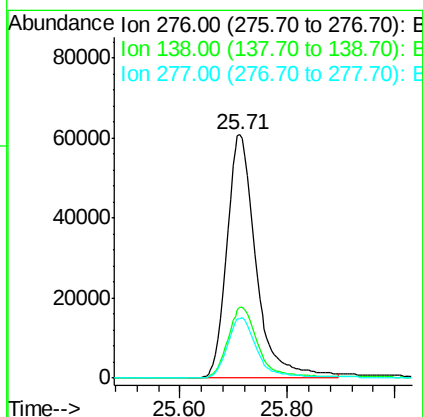
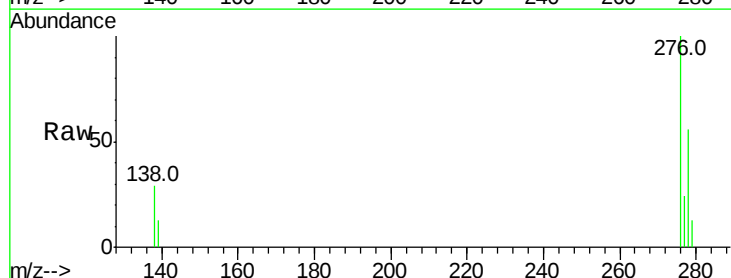
Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

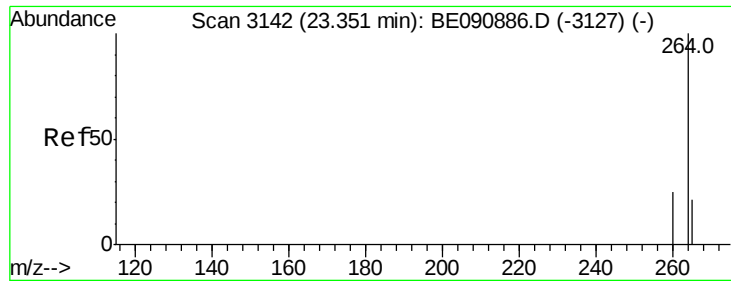
Tgt Ion:149 Resp: 85221
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.1 30.1
 279 2.9 2.3 3.5



#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

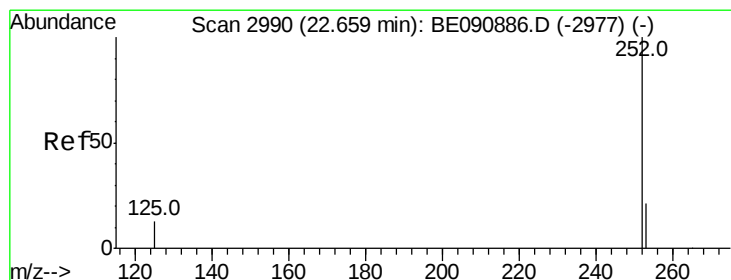
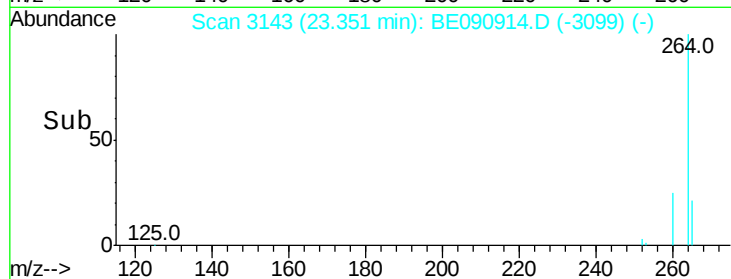
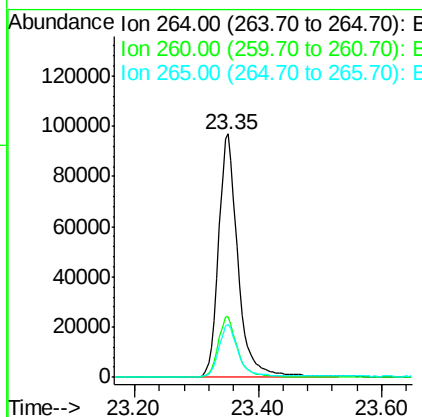
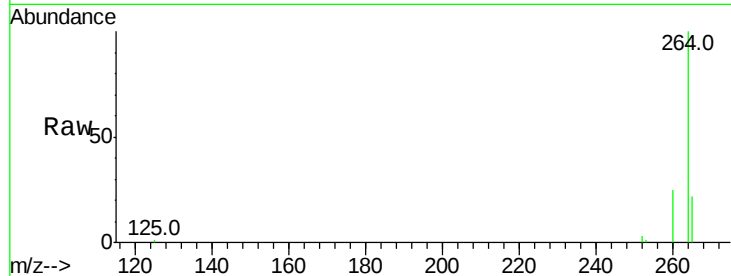




#33
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BE090914.D
 Acq: 21 Sep 2015 10:46

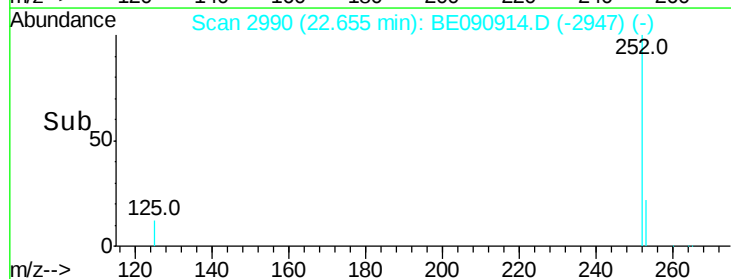
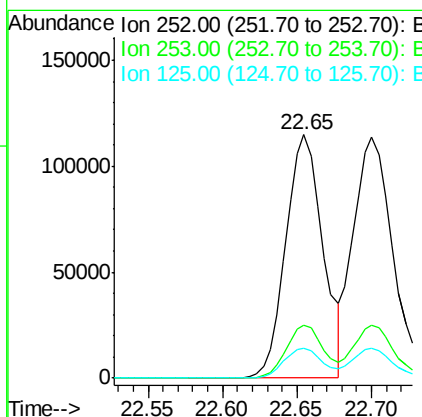
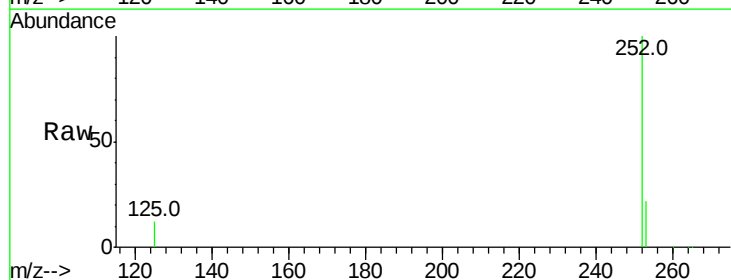
Instrument :
 BNA_E
 ClientSampleId :
 PB85619BS

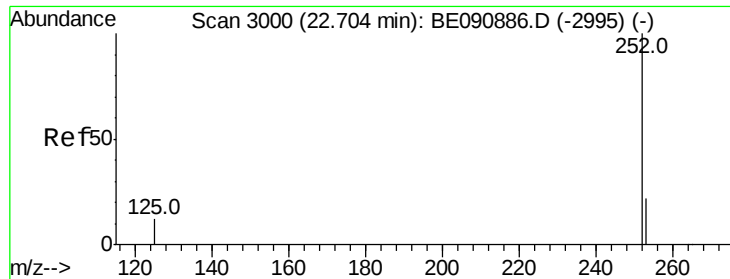
Tgt Ion: 264 Resp: 211937
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 21.6 17.5 26.3



#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

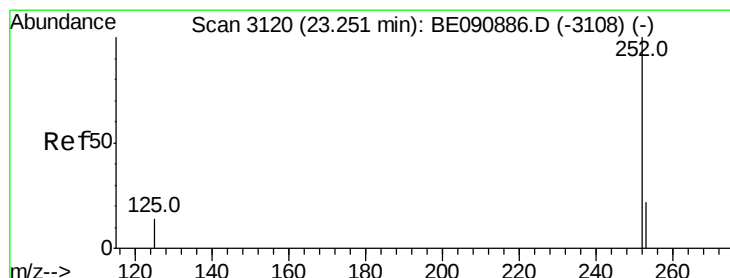
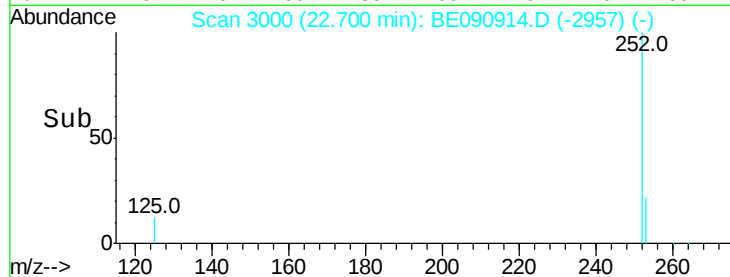
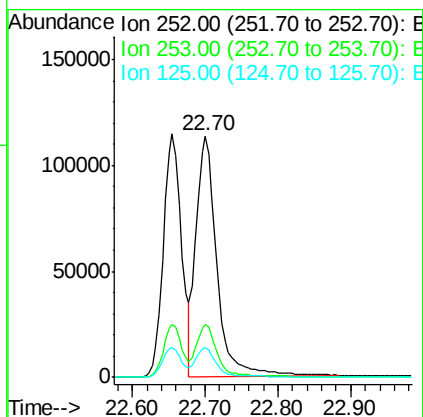
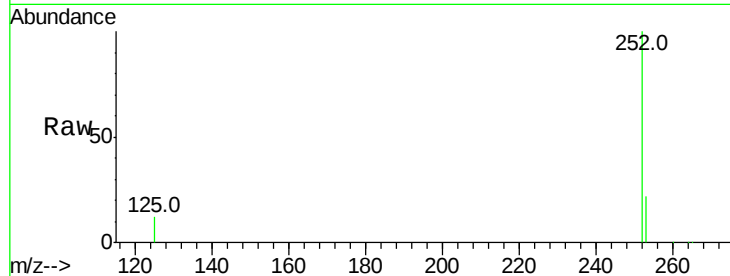




#35
Benzo(k)fluoranthene
Concen: 3.92 ng
RT: 22.70 min Scan# 3000
Delta R.T. -0.00 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

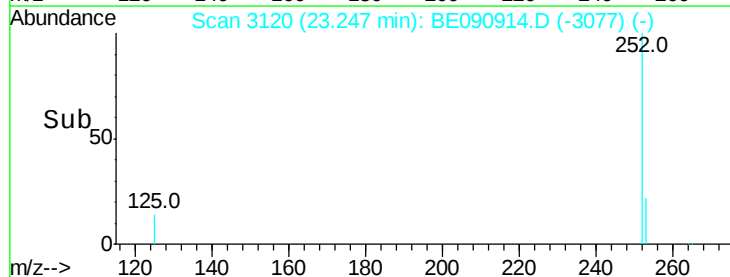
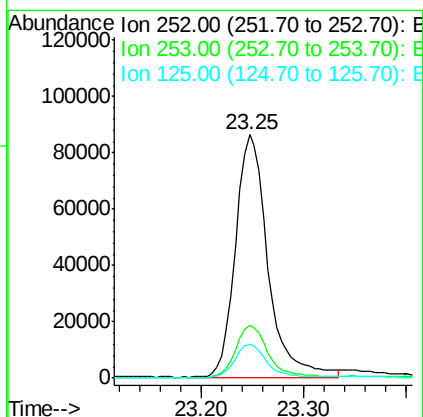
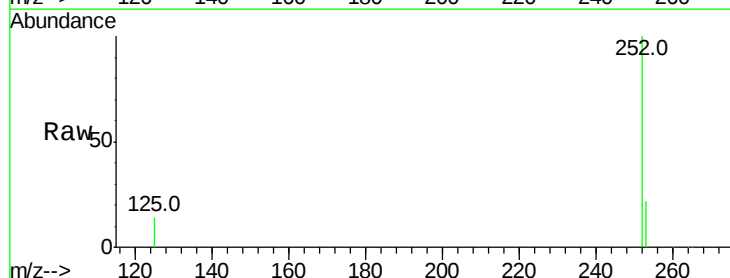
Instrument :
BNA_E
ClientSampleId :
PB85619BS

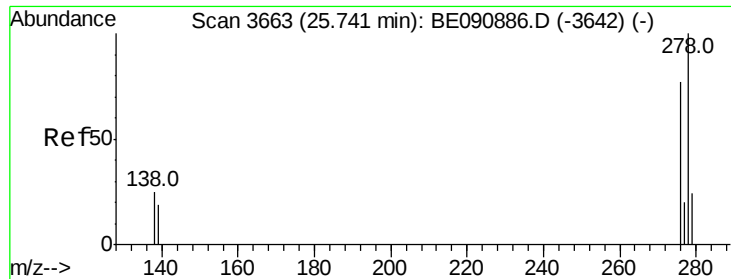
Tgt Ion:252 Resp: 223630
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.5 10.1 15.1



#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#



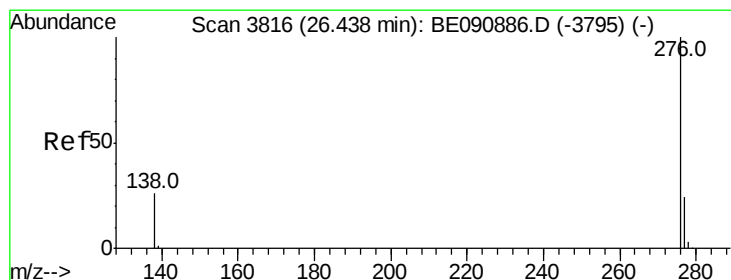
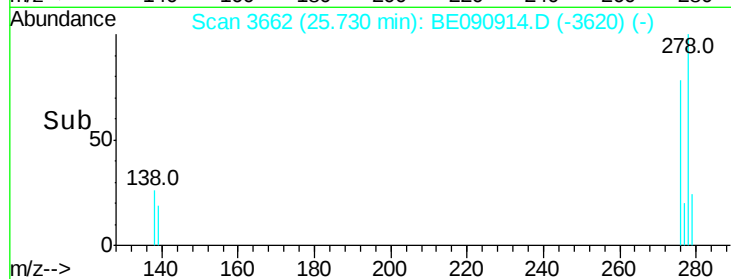
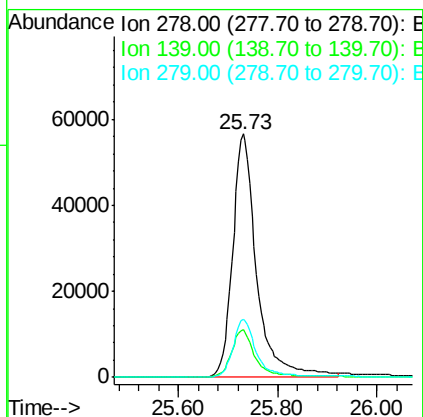
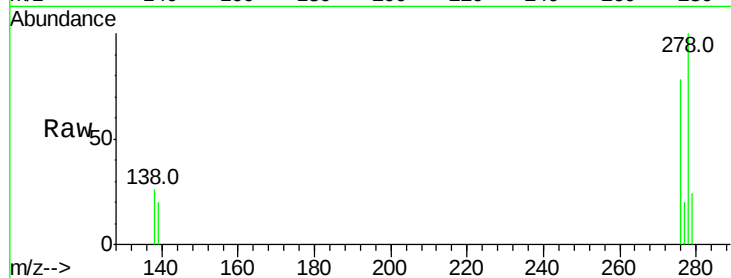


#37
Dibenzo(a,h)anthracene
Concen: 3.88 ng
RT: 25.73 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BE090914.D
Acq: 21 Sep 2015 10:46

Instrument :
BNA_E
ClientSampleId :
PB85619BS

Tgt 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

