

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
 Data File : BE091677.D
 Acq On : 18 Apr 2016 23:32
 Operator : UM/SJ
 Sample : H2563-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BCR08MSD

Quant Time: Apr 19 05:12:58 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36730	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	181227	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	110242	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	260496	5.00	ng	0.00
26) Chrysene-d12	21.31	240	318741	5.00	ng	0.00
35) Perylene-d12	23.75	264	302768	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	18436	2.31	ng	-0.02
5) Phenol-d6	6.97	99	16031	1.49	ng	0.00
8) Nitrobenzene-d5	8.96	82	37498	4.03	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	34881	10.86	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	114640	3.73	ng	0.00
29) Terphenyl-d14	19.76	244	238936	5.50	ng	0.00

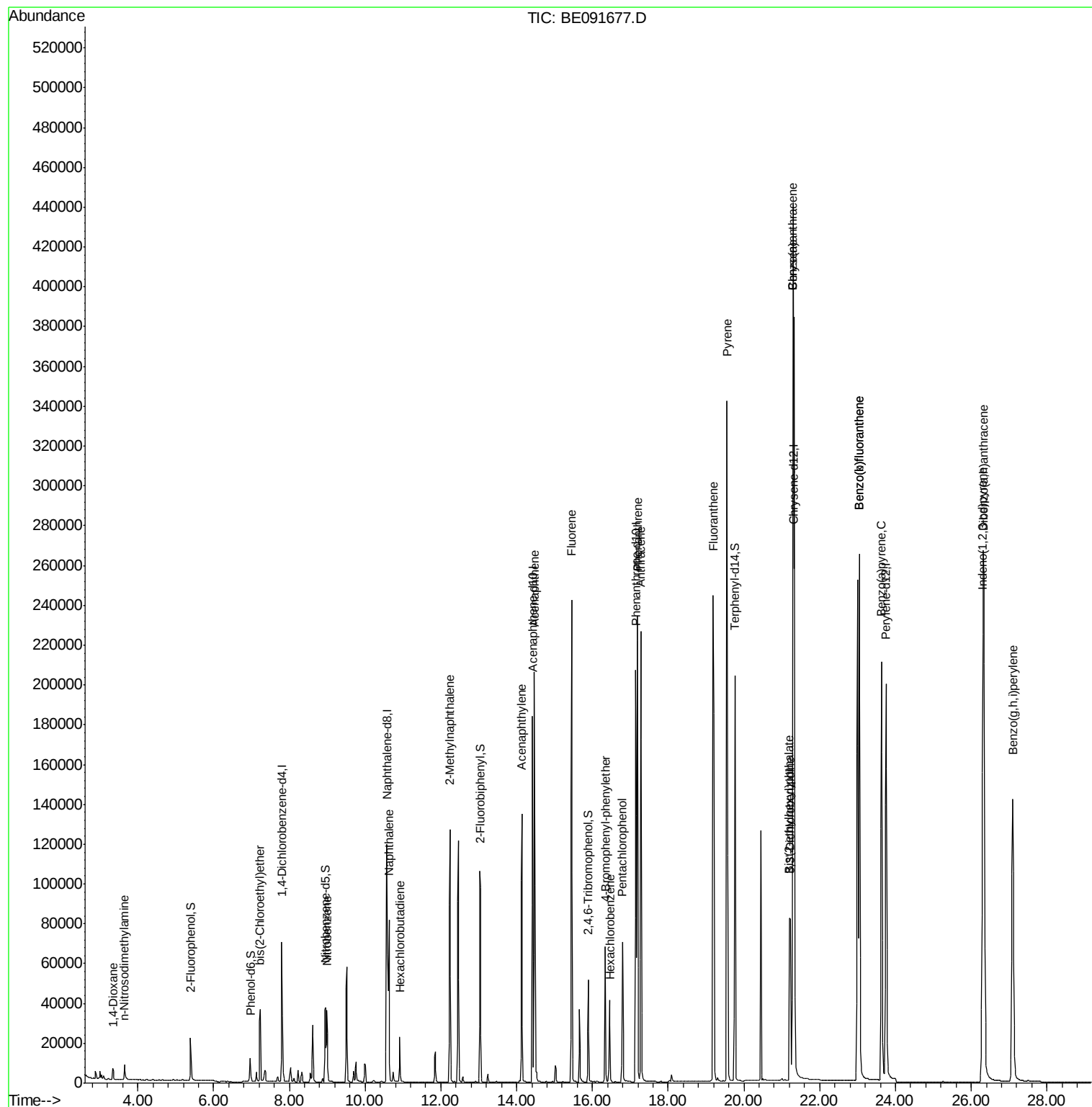
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	4658	1.09	ng	# 90
3) n-Nitrosodimethylamine	3.65	42	6804	1.29	ng	93
6) bis(2-Chloroethyl)ether	7.23	93	33827	3.42	ng	# 75
9) Nitrobenzene	8.99	77	40874	4.37	ng	93
10) Naphthalene	10.63	128	124774	3.38	ng	97
11) Hexachlorobutadiene	10.92	225	17912	3.35	ng	97
12) 2-Methylnaphthalene	12.24	142	93183	3.95	ng	95
16) Acenaphthylene	14.13	152	182772	4.50	ng	# 86
17) Acenaphthene	14.47	154	115118	4.24	ng	96
18) Fluorene	15.46	166	152791	4.60	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	42918	4.75	ng	97
21) Hexachlorobenzene	16.46	284	42931	4.49	ng	97
22) Pentachlorophenol	16.79	266	47104	9.45	ng	90
23) Phenanthrene	17.19	178	287461	4.86	ng	99
24) Anthracene	17.28	178	261810	4.98	ng	98
25) Fluoranthene	19.19	202	339904	5.78	ng	98
28) Pyrene	19.55	202	361945	5.68	ng	98
30) Benzo(a)anthracene	21.29	228	787436	10.65	ng	96
31) 3,3'-Dichlorobenzidine	21.22	252	14814	0.55	ng	# 85
32) Chrysene	21.29	228	790550	10.54	ng	92
33) Bis(2-ethylhexyl)phthalate	21.20	149	163552	8.99	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.30	276	396438	5.81	ng	97
36) Benzo(b)fluoranthene	23.05	252	355751	5.34	ng	97
37) Benzo(k)fluoranthene	23.05	252	362658	5.13	ng	97
38) Benzo(a)pyrene	23.63	252	337696	5.43	ng	96
39) Dibenzo(a,h)anthracene	26.33	278	329634	5.43	ng	97
40) Benzo(g,h,i)perylene	27.10	276	333117	5.29	ng	95

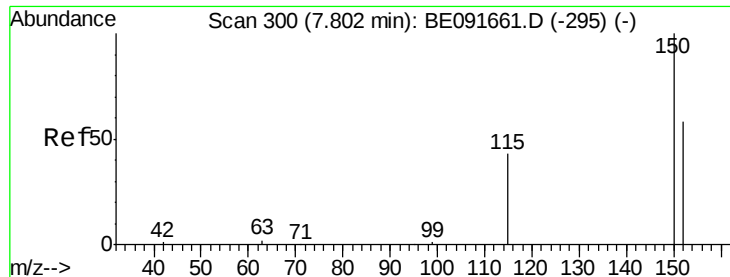
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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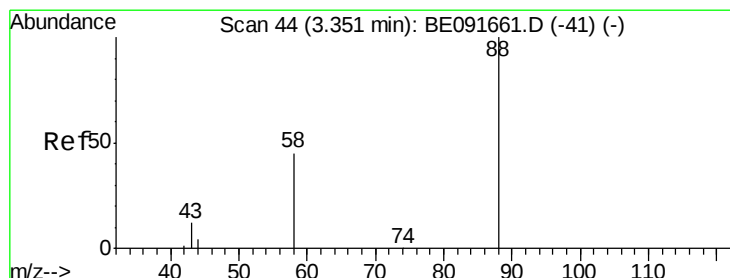
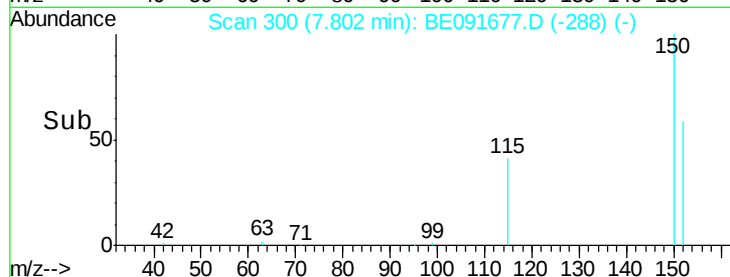
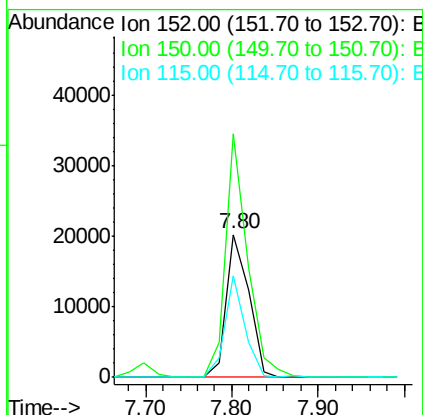
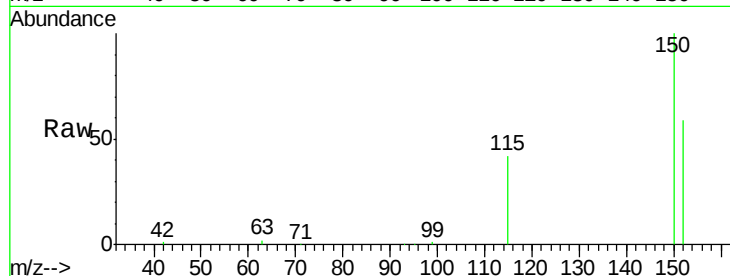




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.80 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BE091677.D
 Acq: 18 Apr 2016 23:32

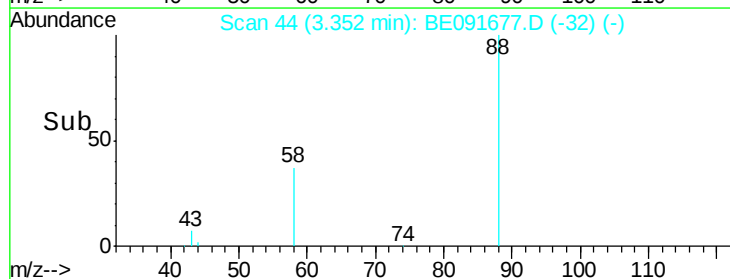
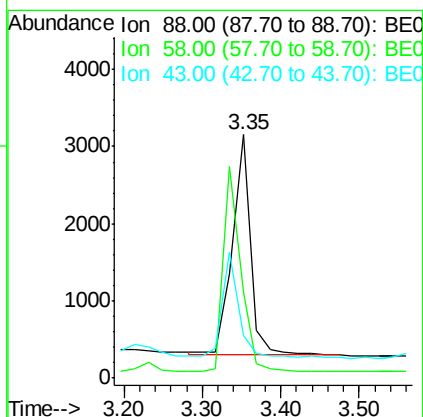
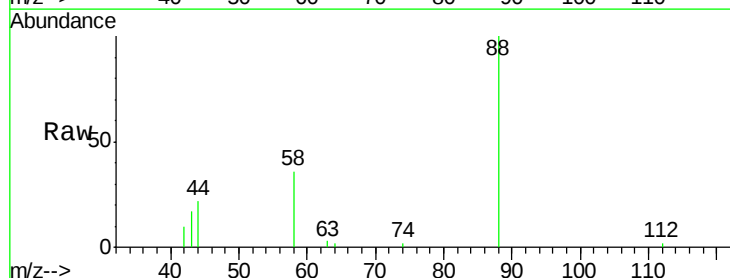
Instrument :
 BNA_E
 ClientSampleId :
 BCR08MSD

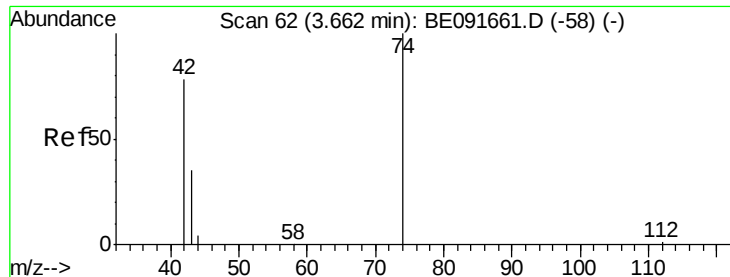
Tgt Ion: 152 Resp: 36730
 Ion Ratio Lower Upper
 152 100
 150 170.2 122.6 183.8
 115 70.7 52.8 79.2



#2
 1,4-Dioxane
 Concen: 1.09 ng
 RT: 3.35 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE091677.D
 Acq: 18 Apr 2016 23:32

Tgt Ion: 88 Resp: 4658
 Ion Ratio Lower Upper
 88 100
 58 87.0 65.8 98.6
 43 43.2 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 1.29 ng

RT: 3.65 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

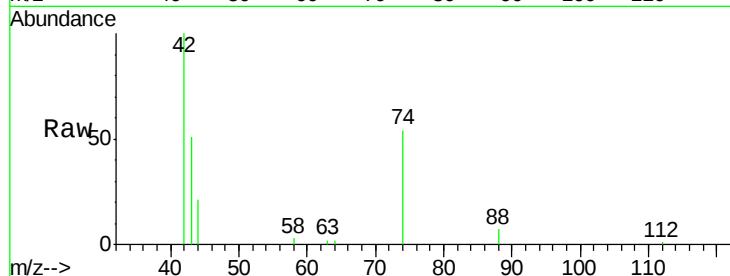
Tgt Ion: 42 Resp: 6804

Ion Ratio Lower Upper

42 100

74 101.7 87.9 131.9

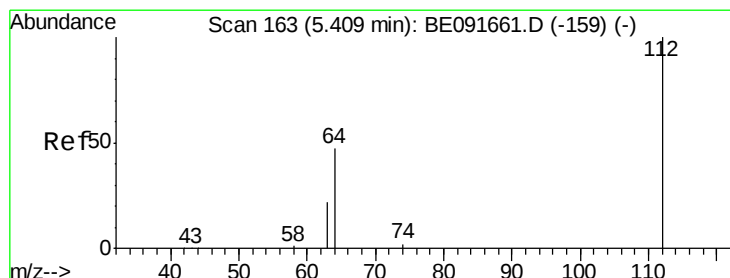
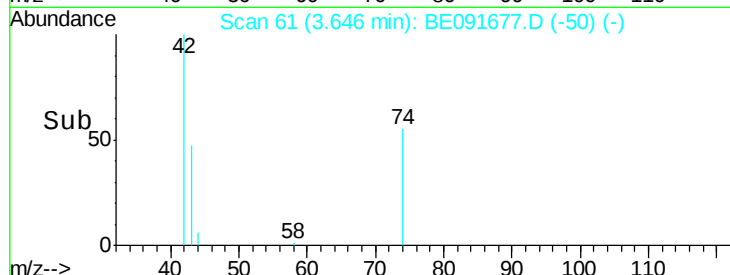
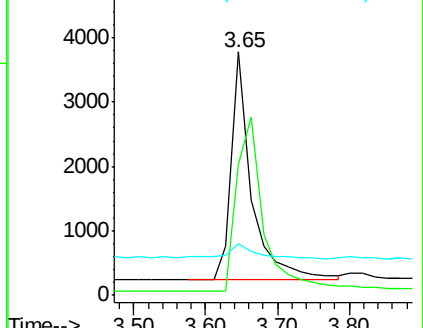
44 8.7 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 2.31 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

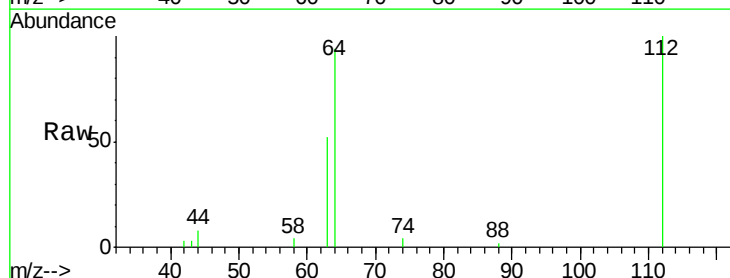
Tgt Ion: 112 Resp: 18436

Ion Ratio Lower Upper

112 100

64 69.1 30.9 46.3#

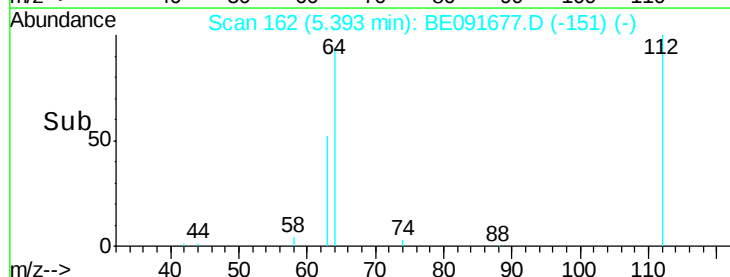
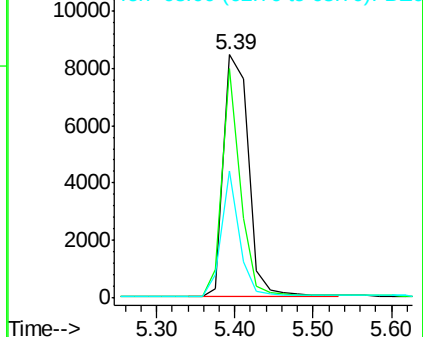
63 37.5 16.7 25.1#

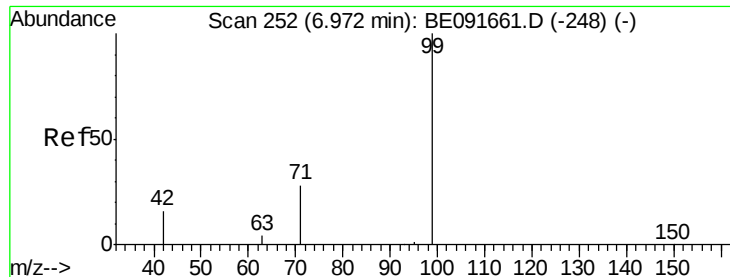


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.49 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

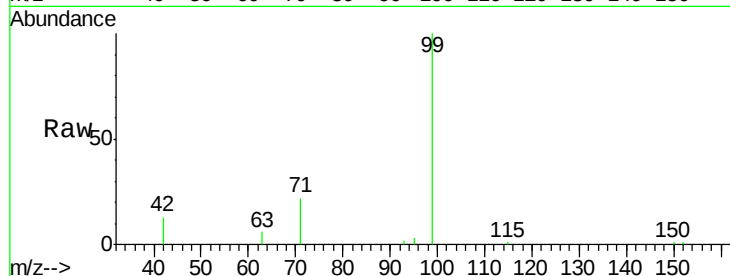
Tgt Ion: 99 Resp: 16031

Ion Ratio Lower Upper

99 100

42 25.8 16.2 24.2#

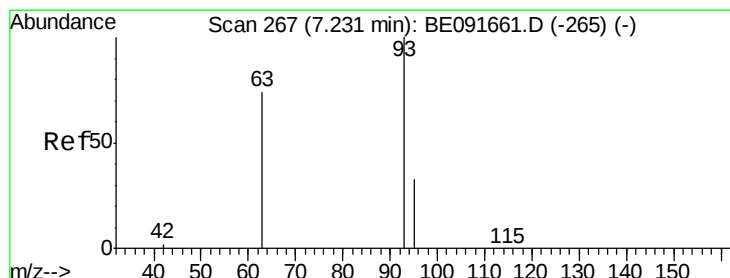
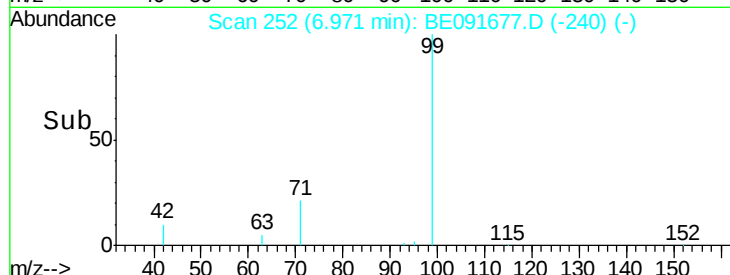
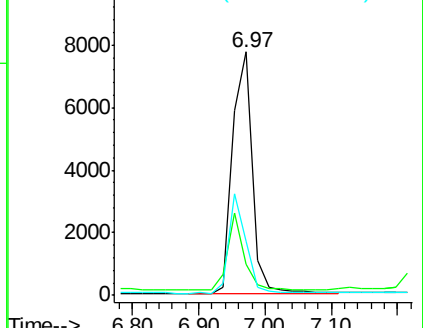
71 36.1 29.0 43.4



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: 3.42 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

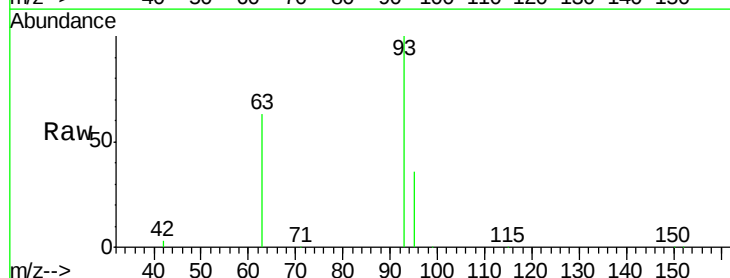
Tgt Ion: 93 Resp: 33827

Ion Ratio Lower Upper

93 100

63 86.6 49.5 74.3#

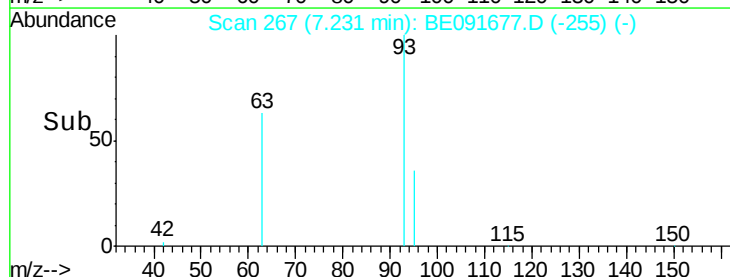
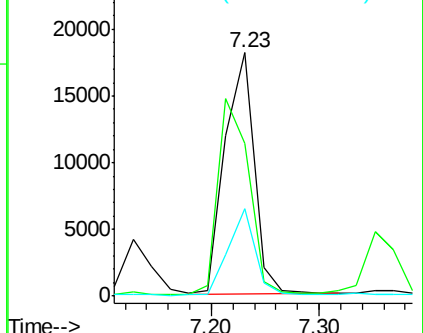
95 32.8 22.2 33.4

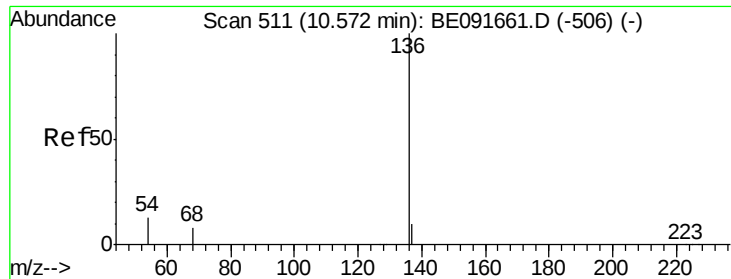


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

Tgt Ion: 136 Resp: 181227

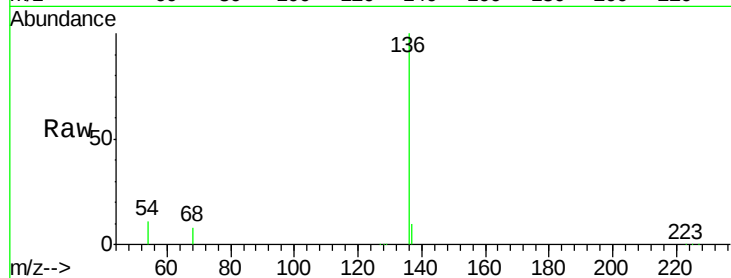
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 11.1 8.2 12.4

68 7.6 6.2 9.4

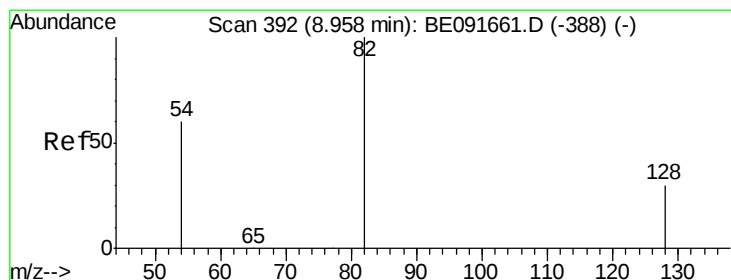
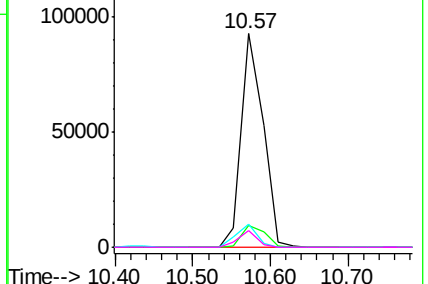
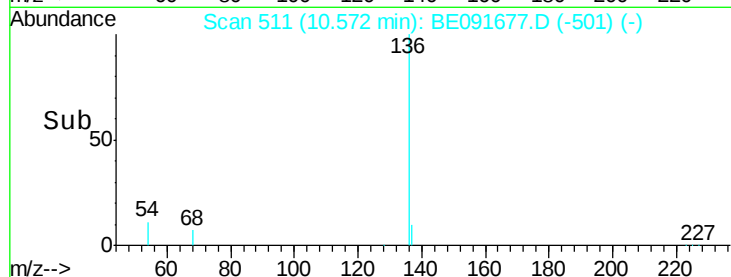


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.03 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

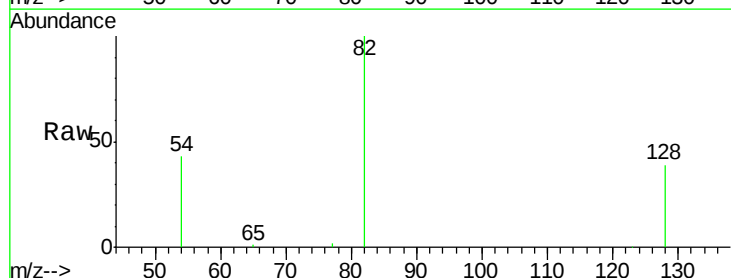
Tgt Ion: 82 Resp: 37498

Ion Ratio Lower Upper

82 100

128 39.3 25.4 38.0#

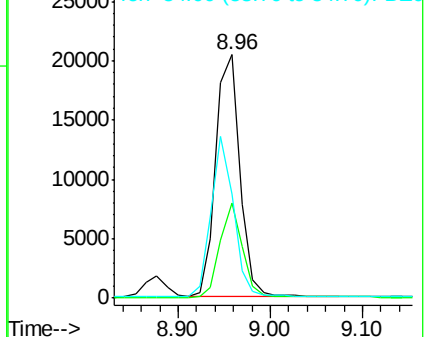
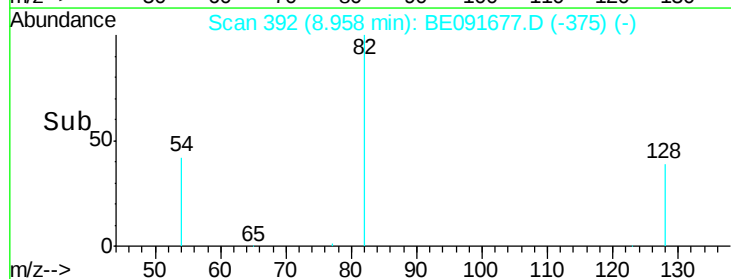
54 42.8 48.4 72.6#

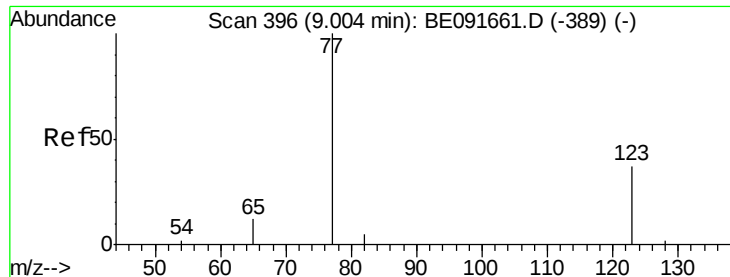


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 4.37 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

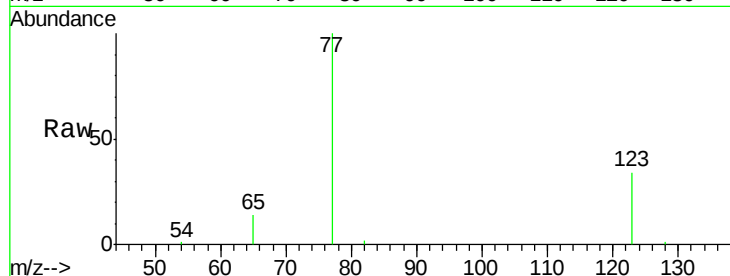
Tgt Ion: 77 Resp: 40874

Ion Ratio Lower Upper

77 100

123 37.5 26.9 40.3

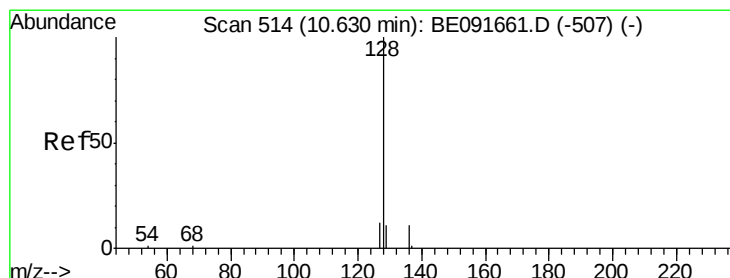
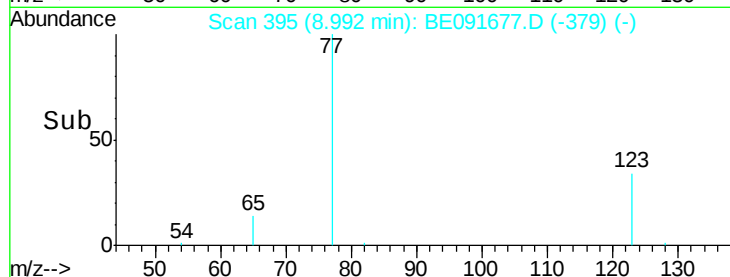
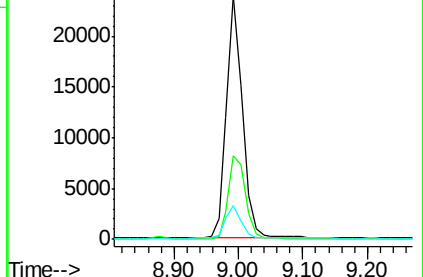
65 14.0 9.4 14.2



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: 3.38 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

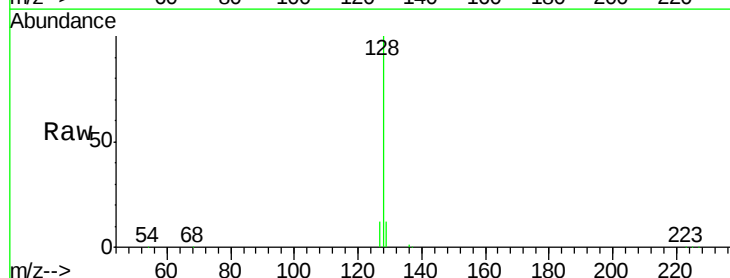
Tgt Ion: 128 Resp: 124774

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

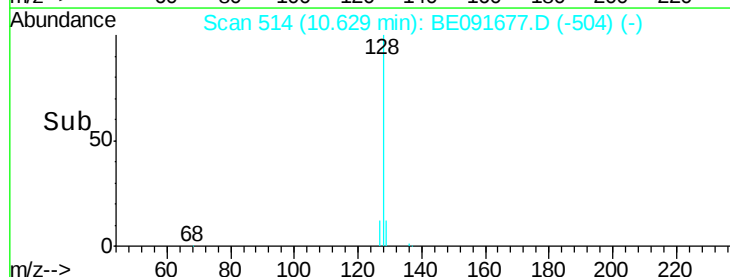
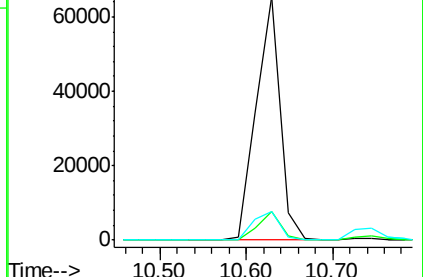
127 11.7 10.7 16.1

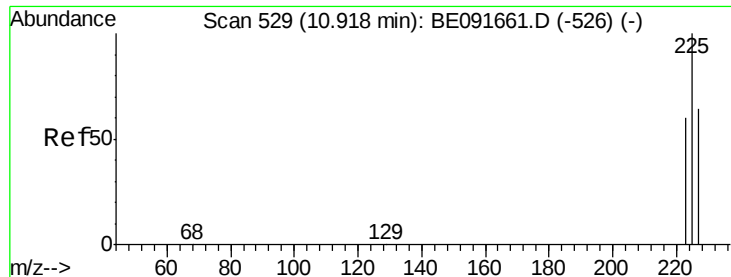


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

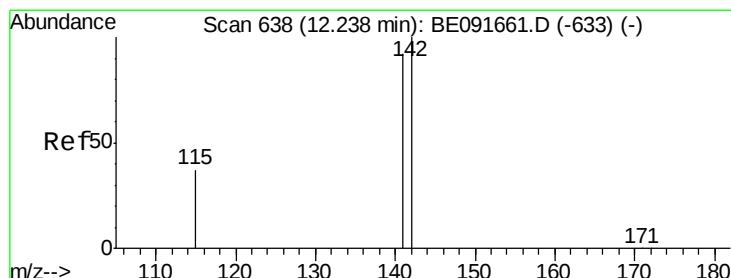
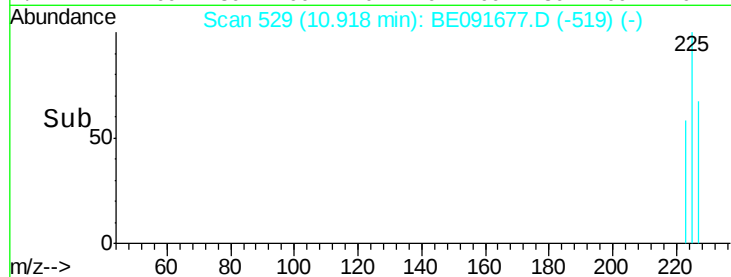
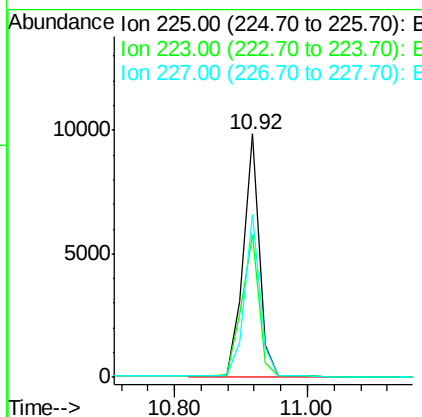
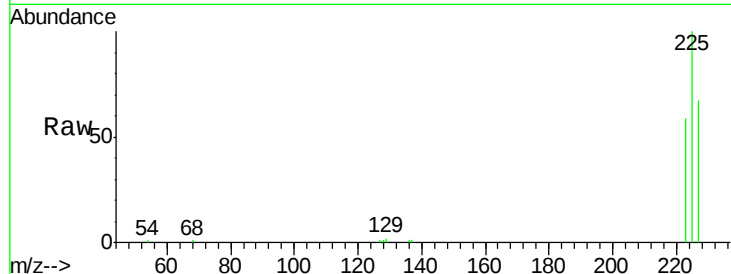




#11
Hexachlorobutadiene
Concen: 3.35 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

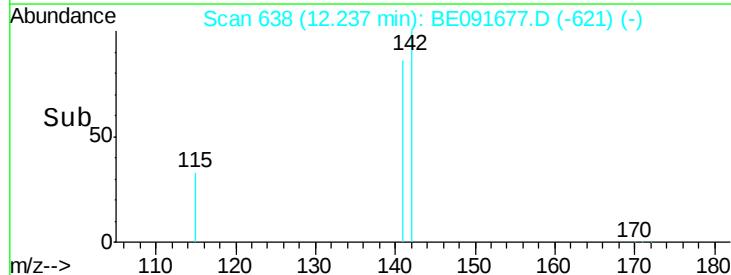
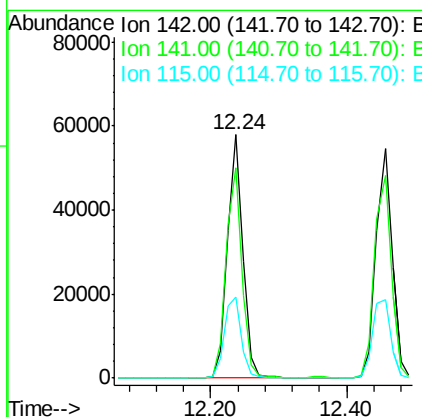
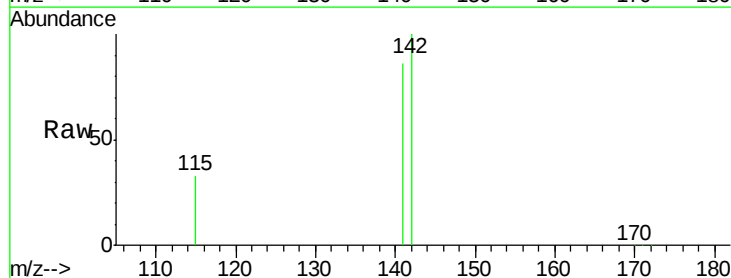
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

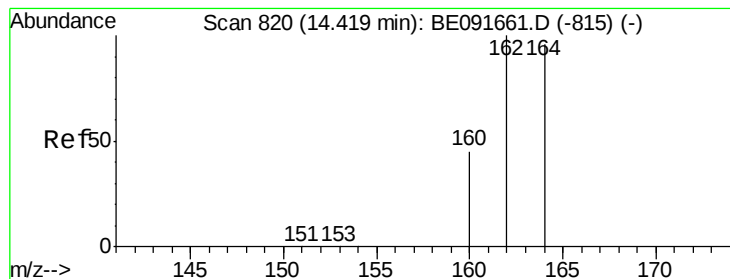
Tgt Ion: 225 Resp: 17912
Ion Ratio Lower Upper
225 100
223 63.8 49.0 73.6
227 65.7 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.95 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion: 142 Resp: 93183
Ion Ratio Lower Upper
142 100
141 86.2 71.4 107.0
115 33.1 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

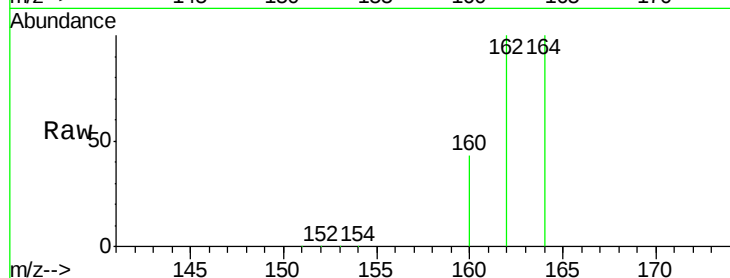
Tgt Ion:164 Resp: 110242

Ion Ratio Lower Upper

164 100

162 100.2 85.3 127.9

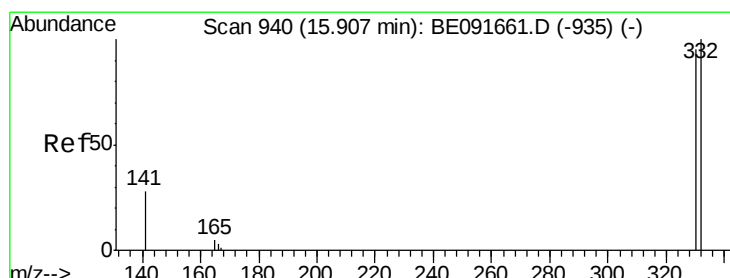
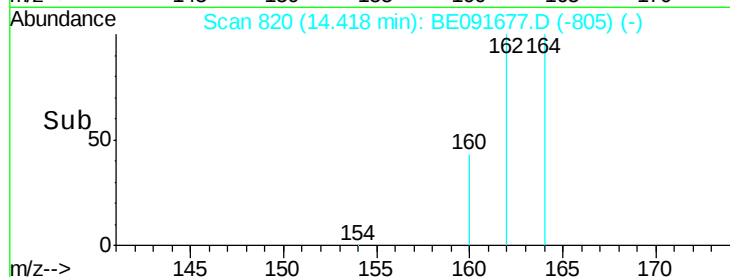
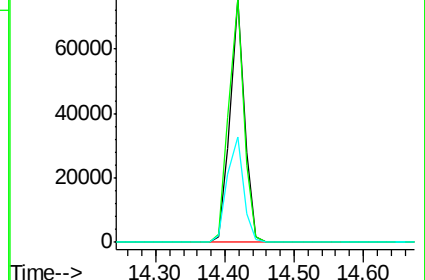
160 43.4 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 10.86 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

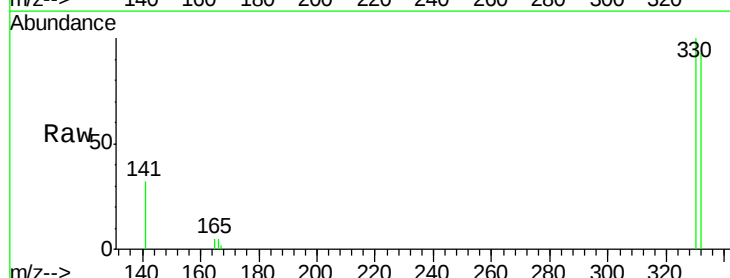
Tgt Ion:330 Resp: 34881

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

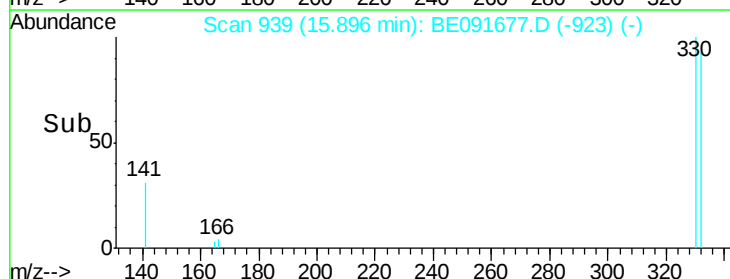
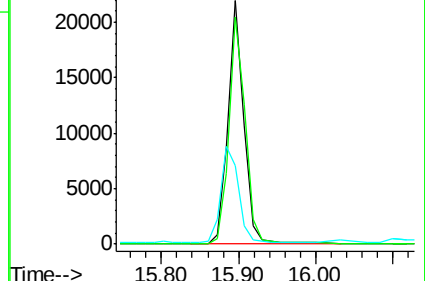
141 39.7 125.4 188.0#

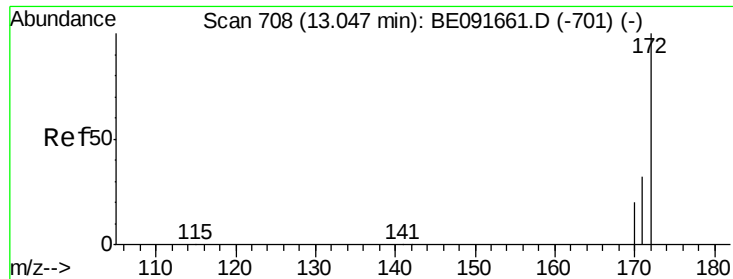


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

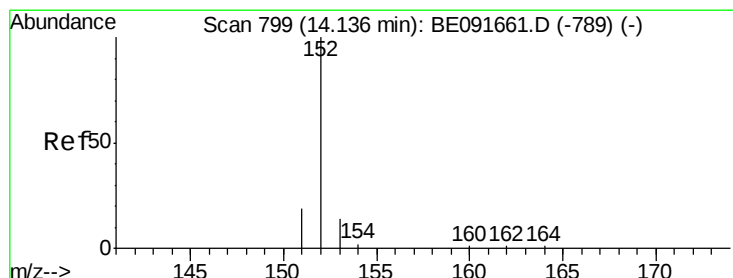
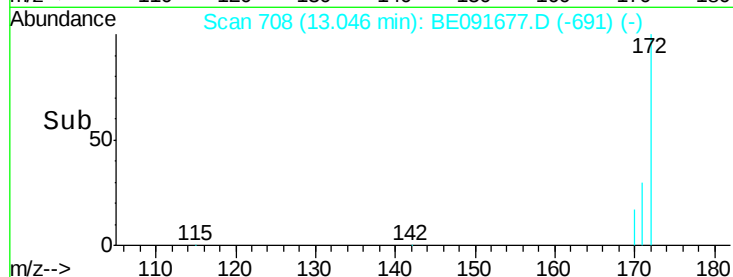
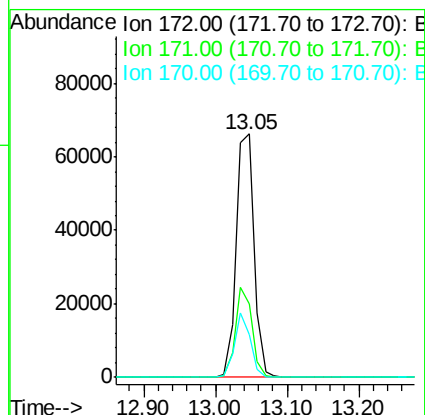
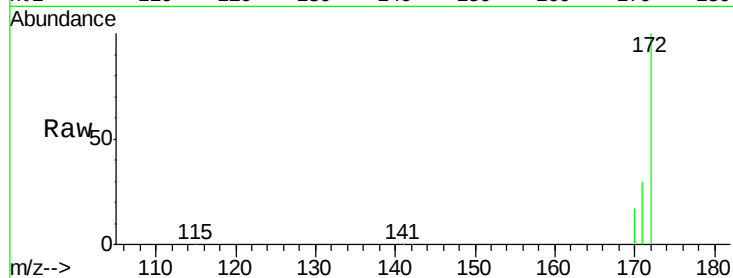




#15
2-Fluorobiphenyl
Concen: 3.73 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

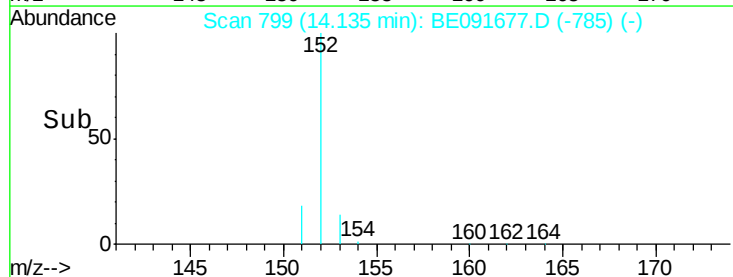
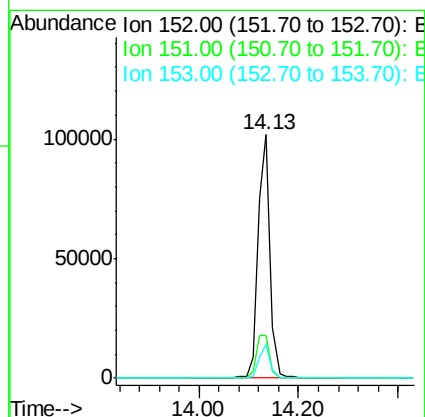
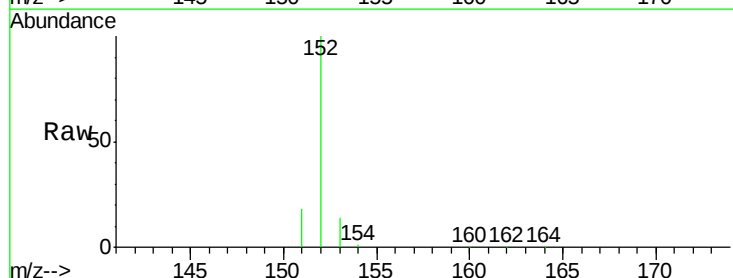
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

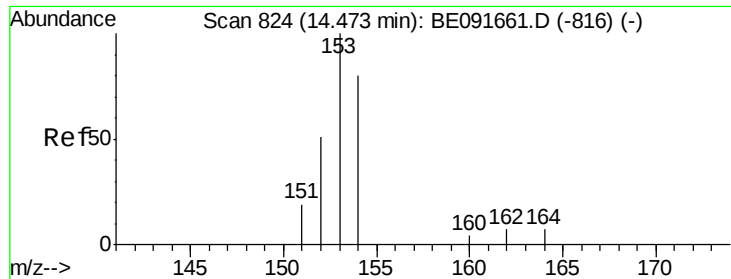
Tgt Ion:172 Resp: 114640
Ion Ratio Lower Upper
172 100
171 30.0 28.8 43.2
170 17.4 19.3 28.9#



#16
Acenaphthylene
Concen: 4.50 ng
RT: 14.13 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion:152 Resp: 182772
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.7 10.3 15.5

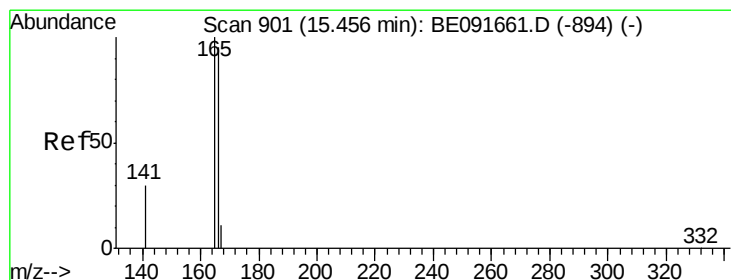
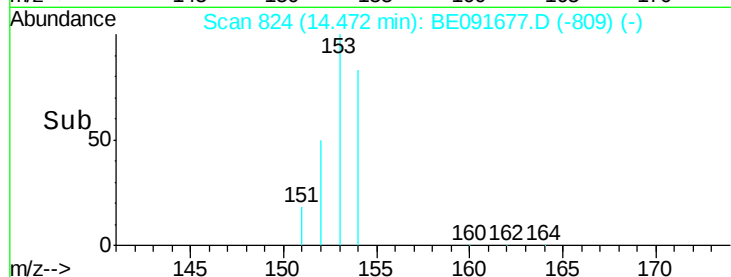
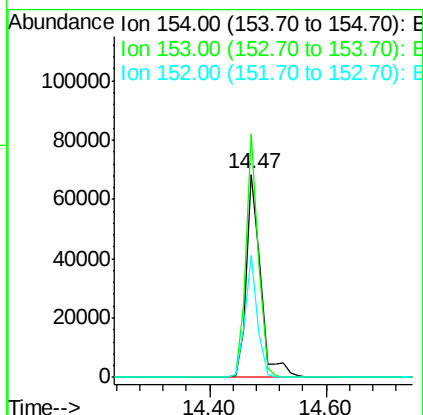
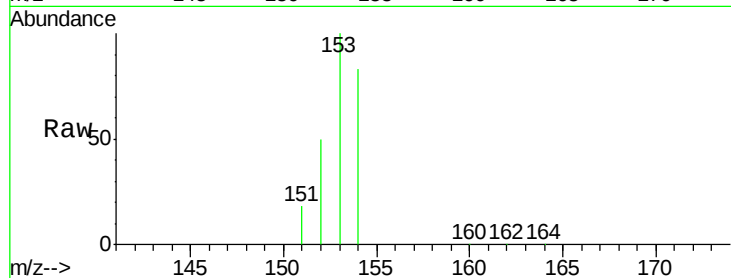




#17
Acenaphthene
Concen: 4.24 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

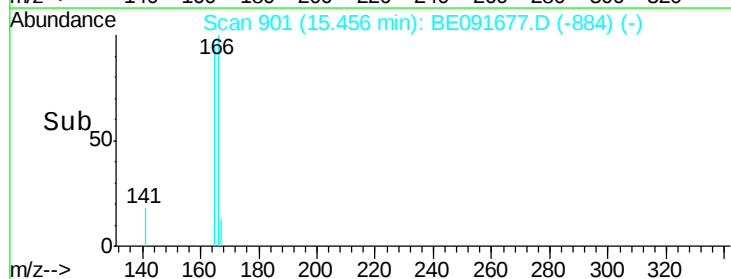
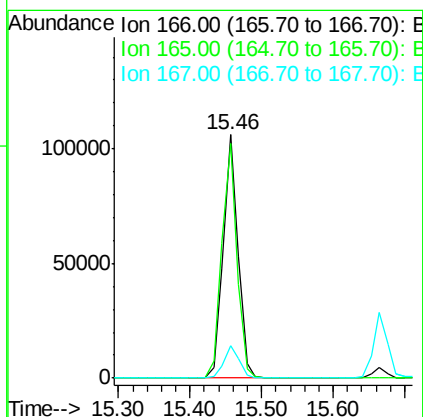
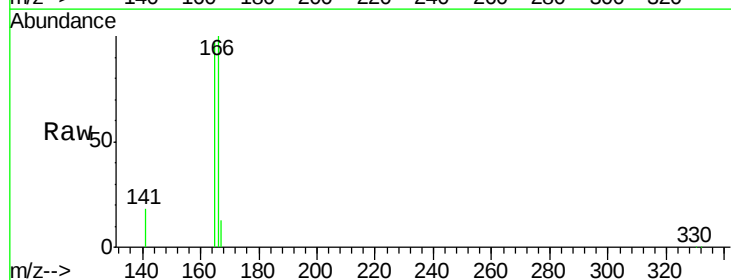
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

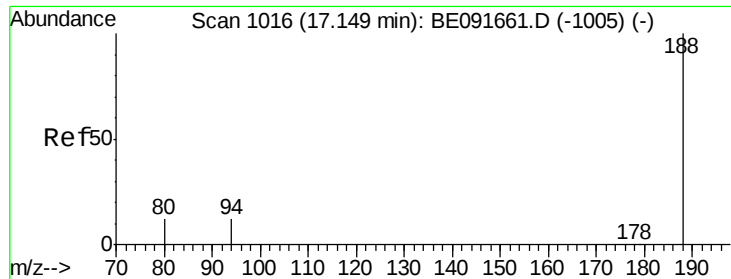
Tgt Ion:154 Resp: 115118
Ion Ratio Lower Upper
154 100
153 104.8 80.0 120.0
152 51.8 40.0 60.0



#18
Fluorene
Concen: 4.60 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion:166 Resp: 152791
Ion Ratio Lower Upper
166 100
165 98.2 80.8 121.2
167 13.7 10.9 16.3

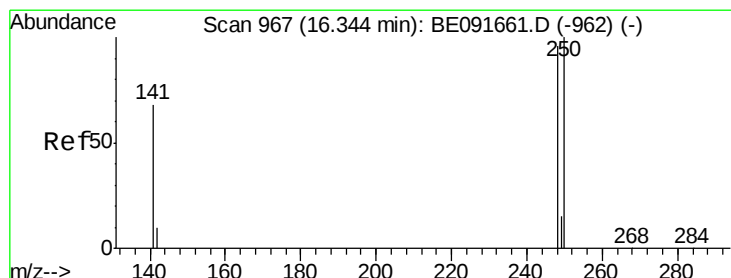
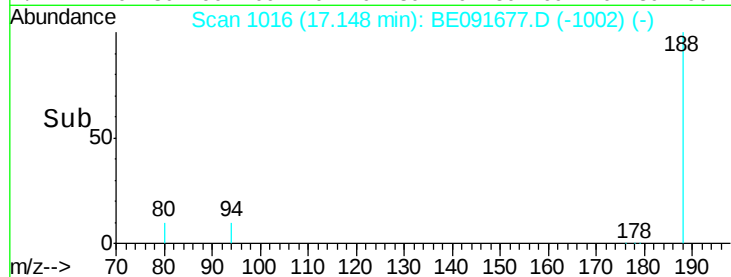
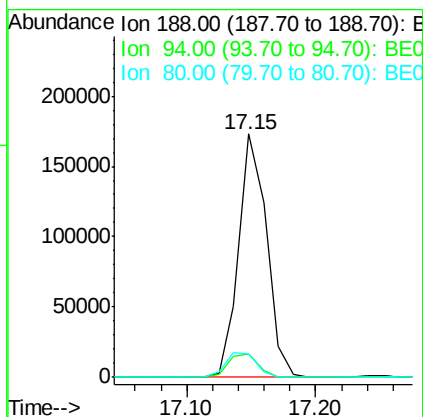
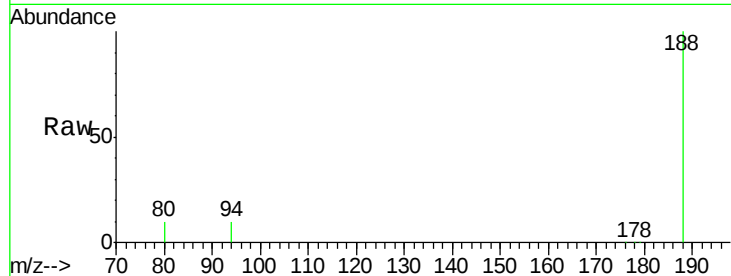




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

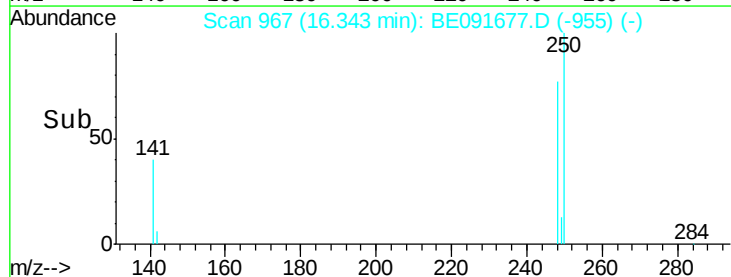
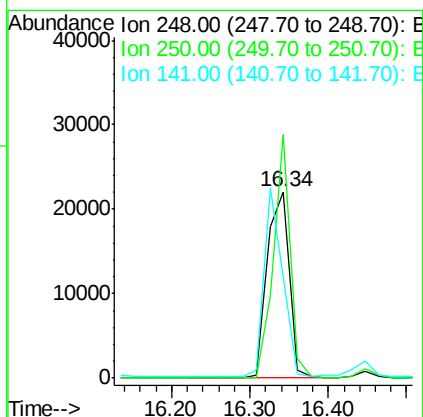
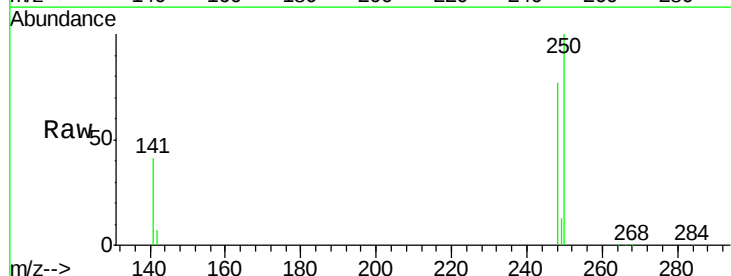
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

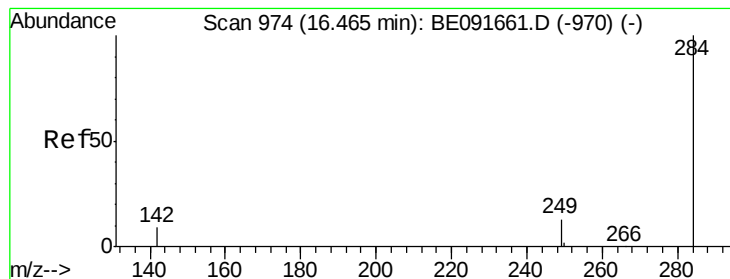
Tgt Ion:188 Resp: 260496
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 9.6 9.4 14.0



#20
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion:248 Resp: 42918
Ion Ratio Lower Upper
248 100
250 99.3 80.5 120.7
141 85.8 72.0 108.0





#21

Hexachlorobenzene

Concen: 4.49 ng

RT: 16.46 min Scan# 974

Delta R.T. -0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

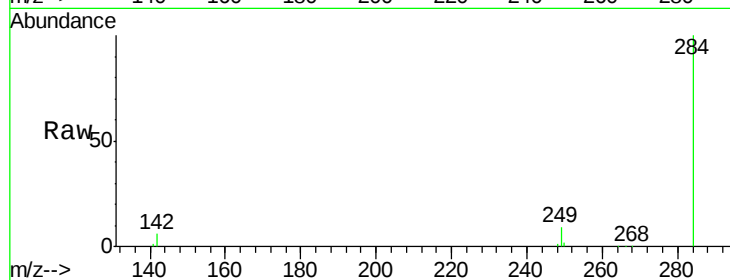
Tgt Ion:284 Resp: 42931

Ion Ratio Lower Upper

284 100

142 42.0 32.2 48.2

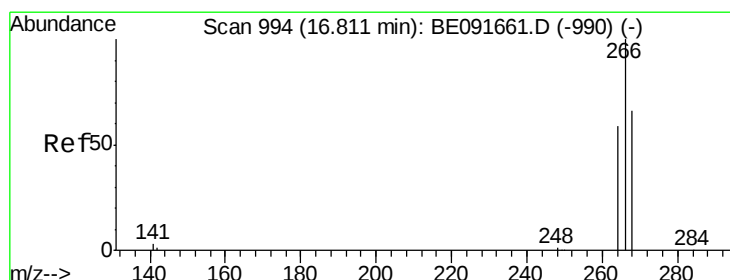
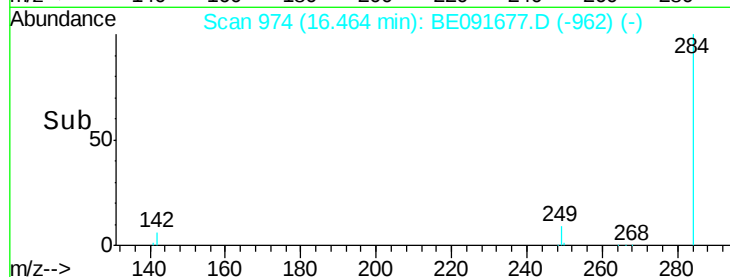
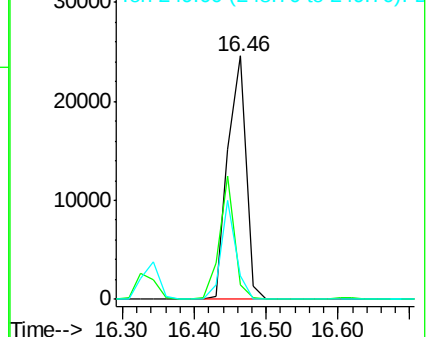
249 33.1 25.4 38.2



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: 9.45 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

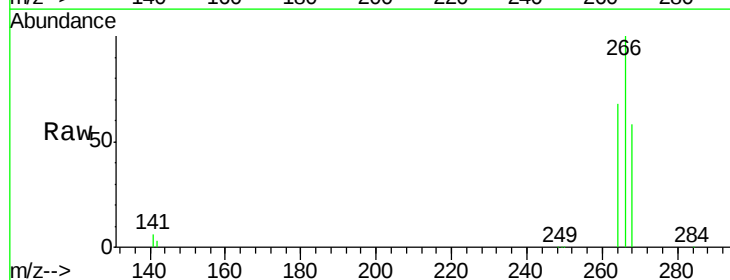
Tgt Ion:266 Resp: 47104

Ion Ratio Lower Upper

266 100

268 58.3 58.2 87.2

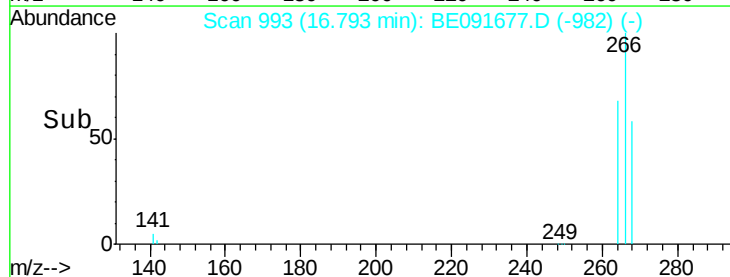
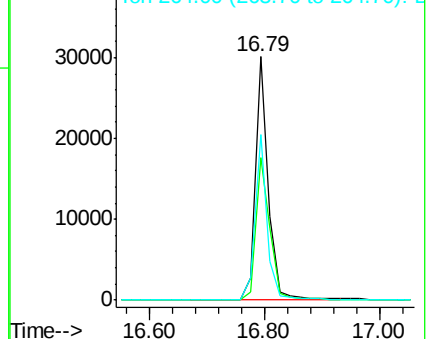
264 68.2 56.2 84.4

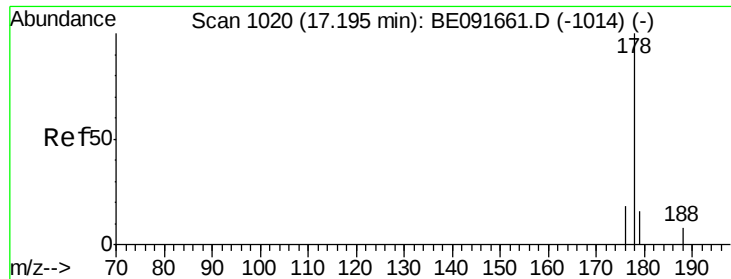


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

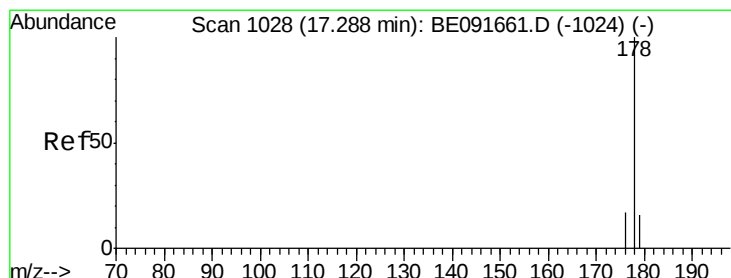
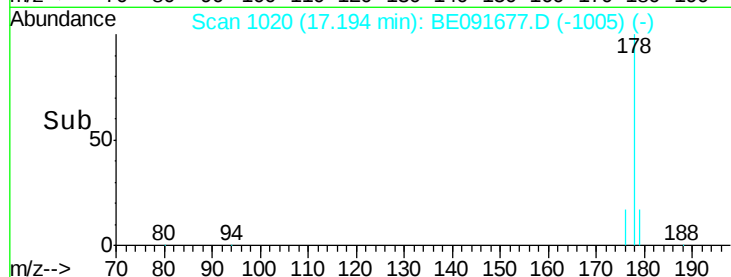
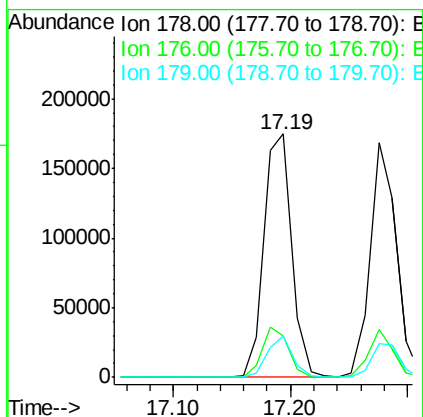
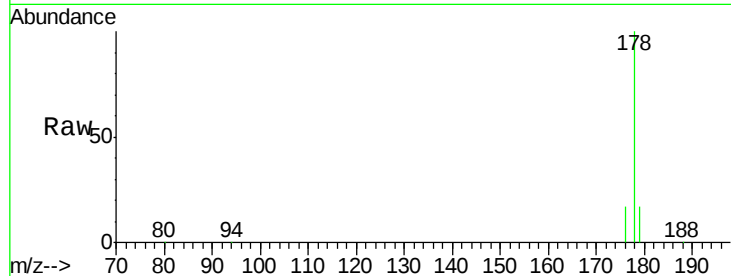




#23
Phenanthrene
Concen: 4.86 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

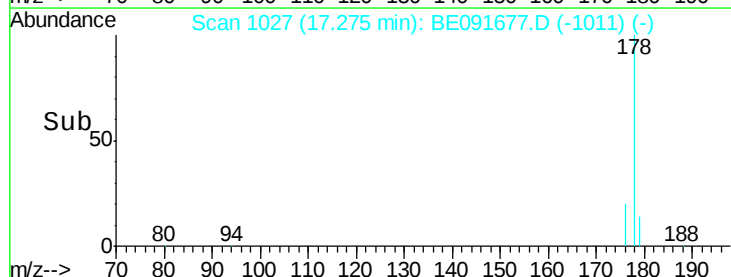
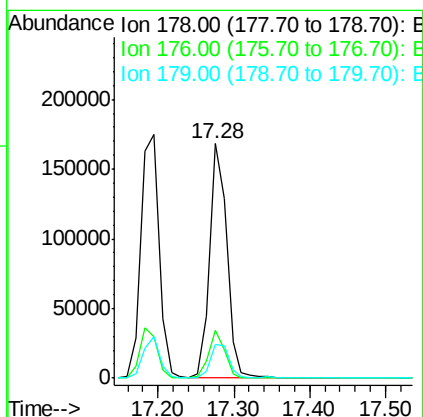
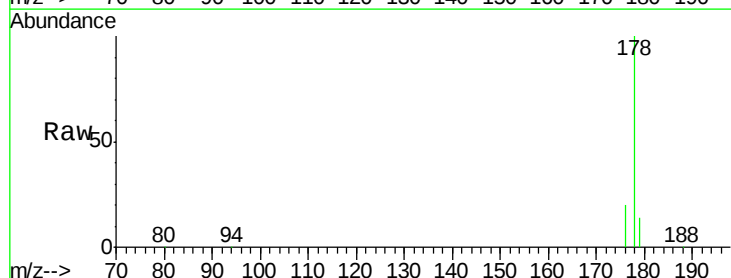
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

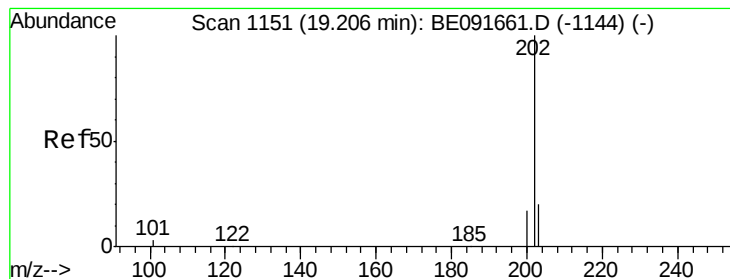
Tgt Ion:178 Resp: 287461
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.6 18.8



#24
Anthracene
Concen: 4.98 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion:178 Resp: 261810
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 5.78 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

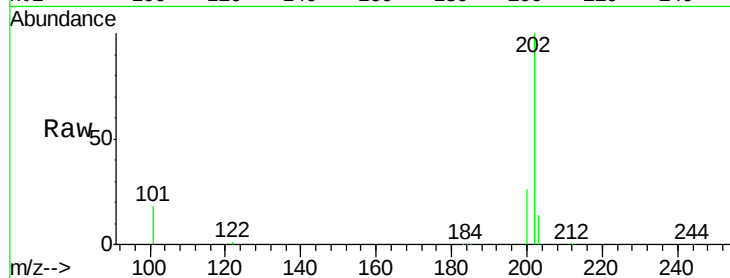
Tgt Ion: 202 Resp: 339904

Ion Ratio Lower Upper

202 100

101 11.8 11.0 16.6

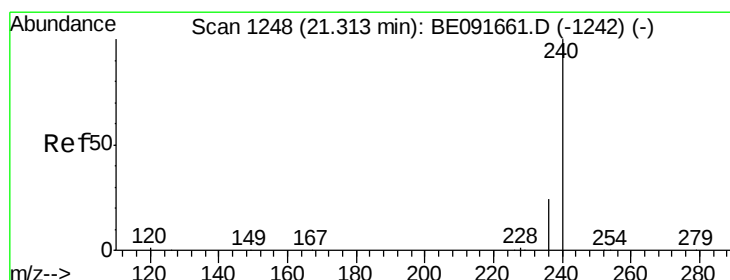
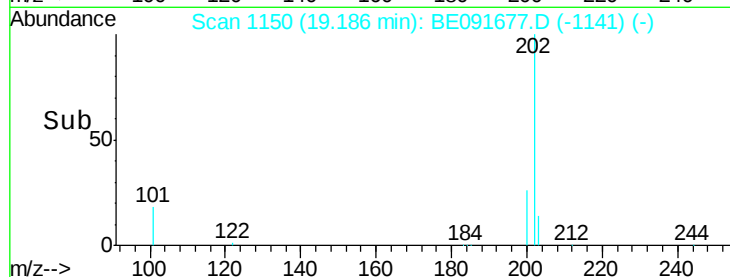
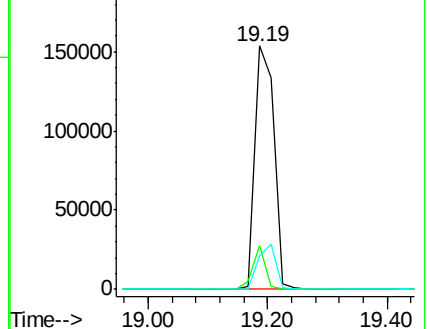
203 17.6 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

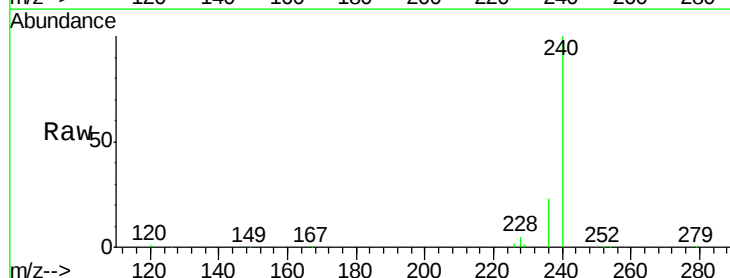
Tgt Ion: 240 Resp: 318741

Ion Ratio Lower Upper

240 100

120 1.1 11.0 16.4#

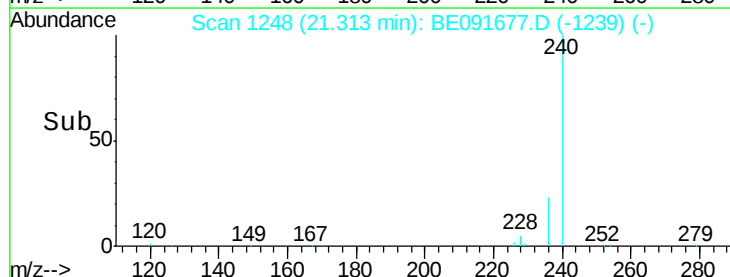
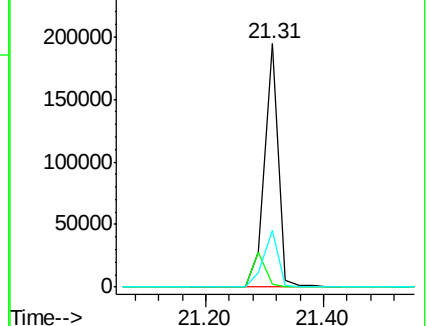
236 23.2 21.7 32.5

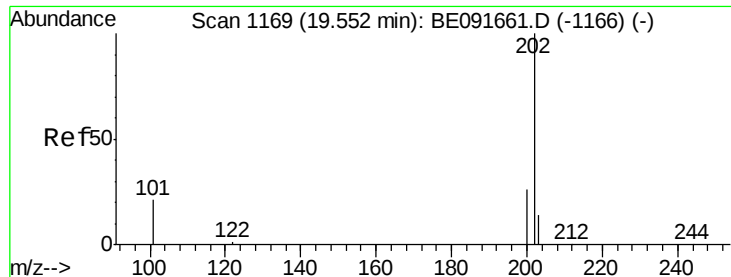


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

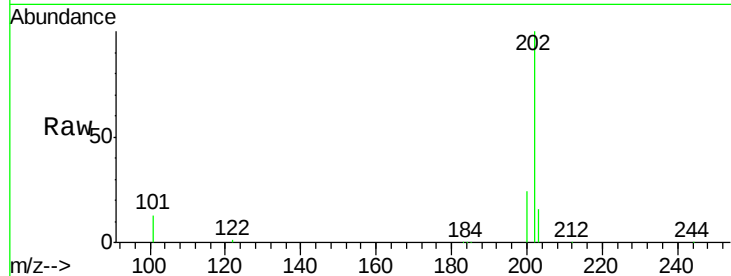




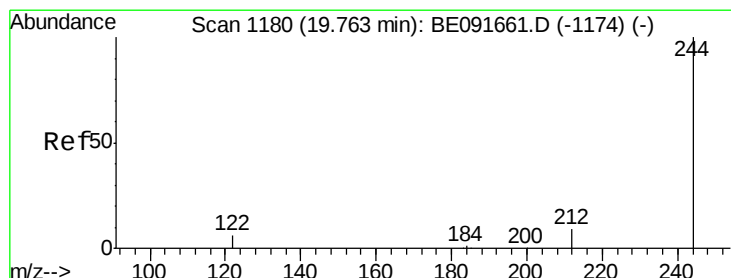
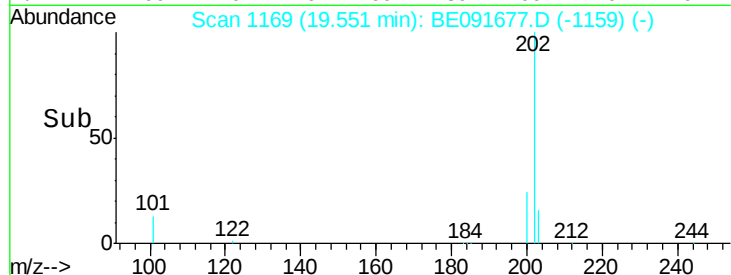
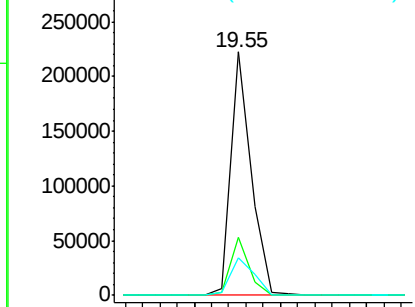
#28
 Pyrene
 Concen: 5.68 ng
 RT: 19.55 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BE091677.D
 Acq: 18 Apr 2016 23:32

Instrument :
 BNA_E
 ClientSampleId :
 BCR08MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.8	25.2
203	18.3	14.0	21.0

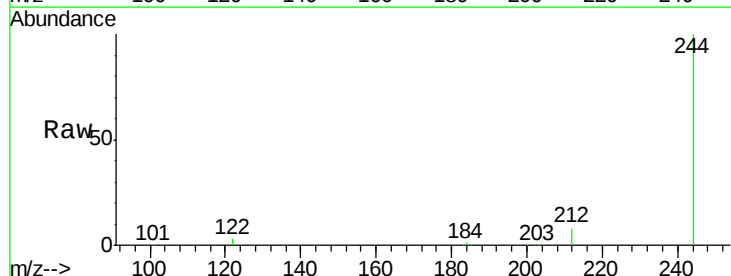


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

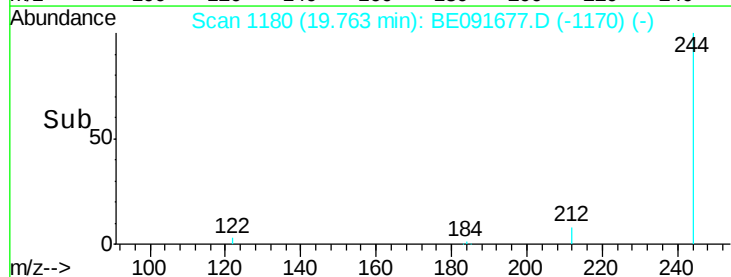
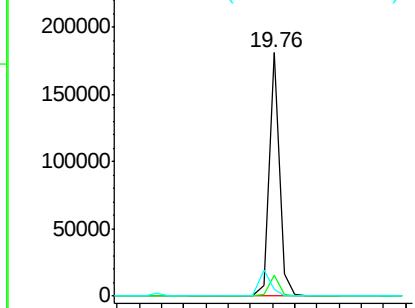


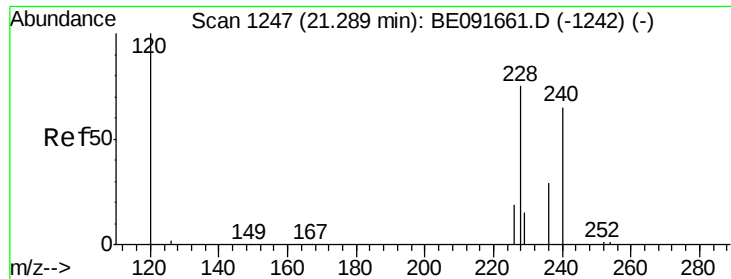
#29
 Terphenyl-d14
 Concen: 5.50 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091677.D
 Acq: 18 Apr 2016 23:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	2.8	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

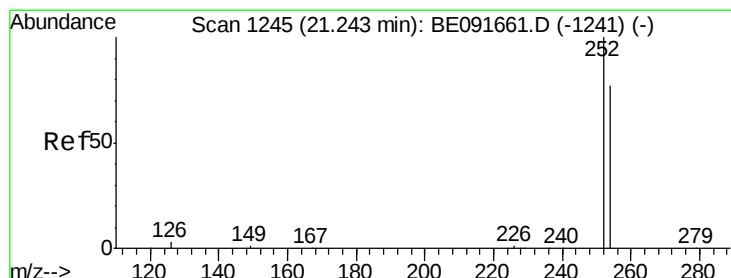
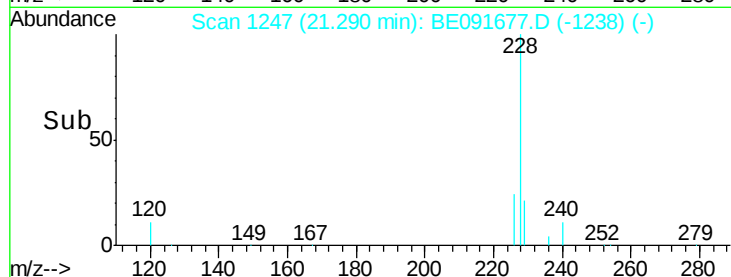
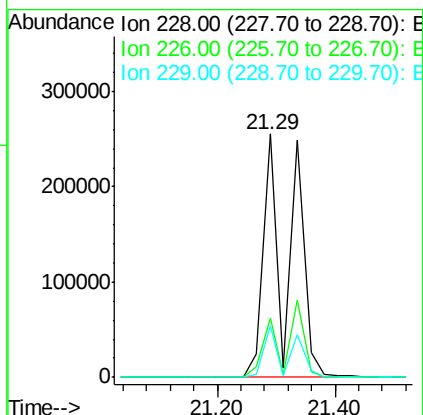
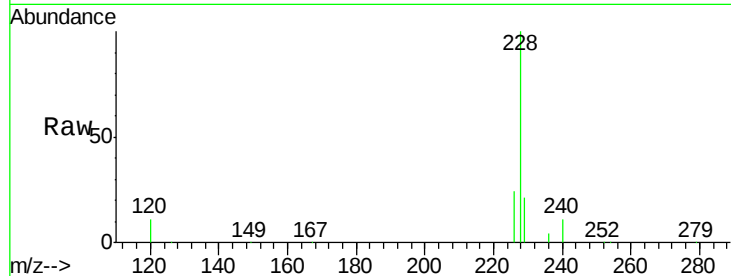




#30
Benzo(a)anthracene
Concen: 10.65 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

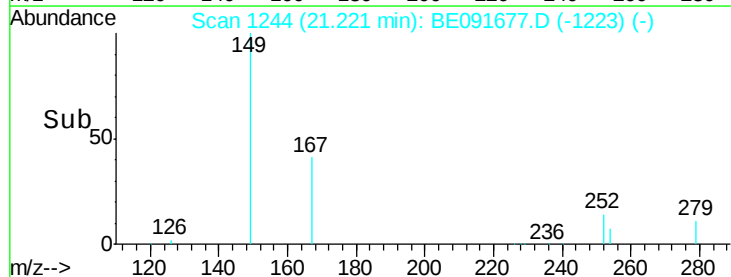
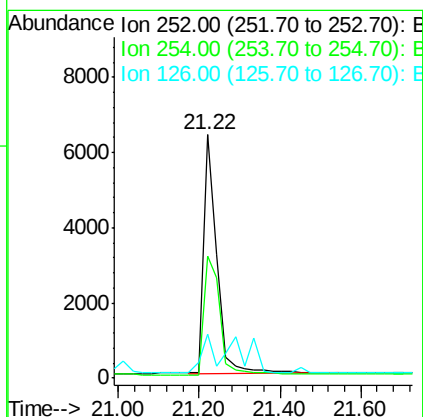
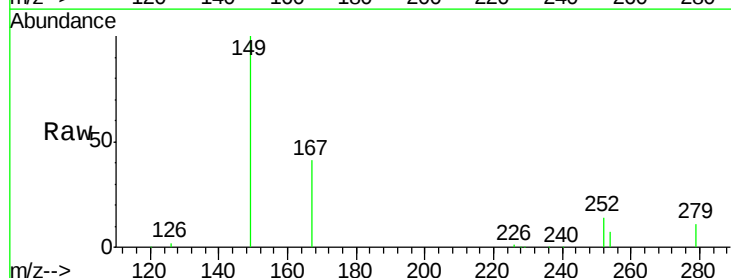
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

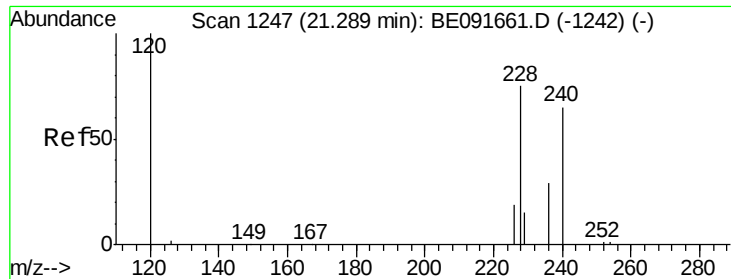
Tgt Ion:228 Resp: 787436
Ion Ratio Lower Upper
228 100
226 24.3 21.0 31.4
229 21.3 15.7 23.5



#31
3,3'-Dichlorobenzidine
Concen: 0.55 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion:252 Resp: 14814
Ion Ratio Lower Upper
252 100
254 50.4 51.1 76.7#
126 18.0 12.6 18.8





#32

Chrysene

Concen: 10.54 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

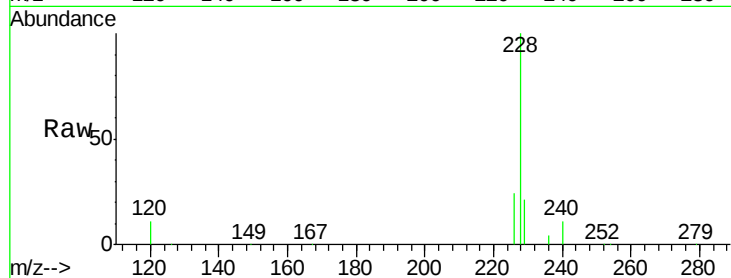
Tgt Ion:228 Resp: 790550

Ion Ratio Lower Upper

228 100

226 24.3 24.0 36.0

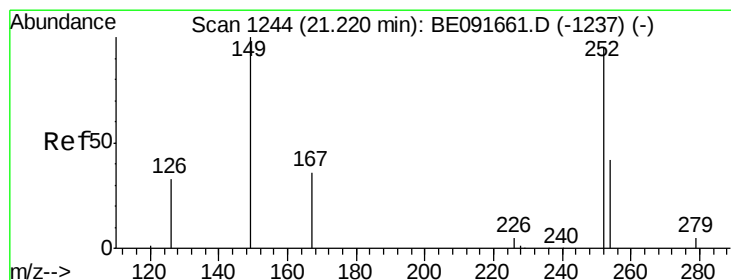
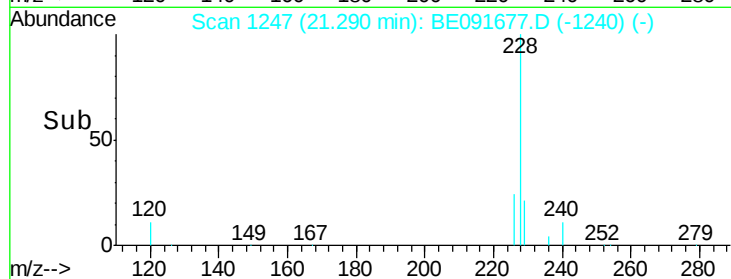
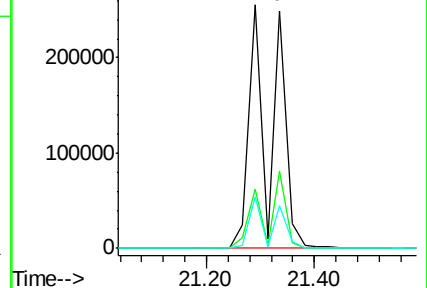
229 21.3 15.9 23.9



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 8.99 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

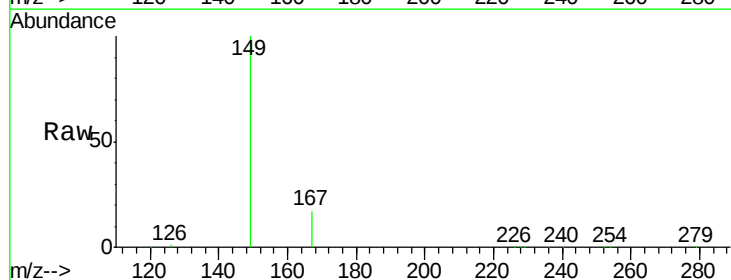
Tgt Ion:149 Resp: 163552

Ion Ratio Lower Upper

149 100

167 0.0 19.5 29.3#

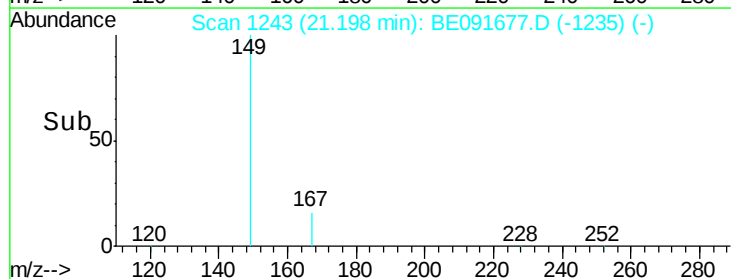
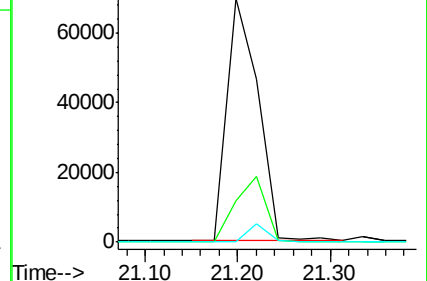
279 0.0 10.0 15.0#

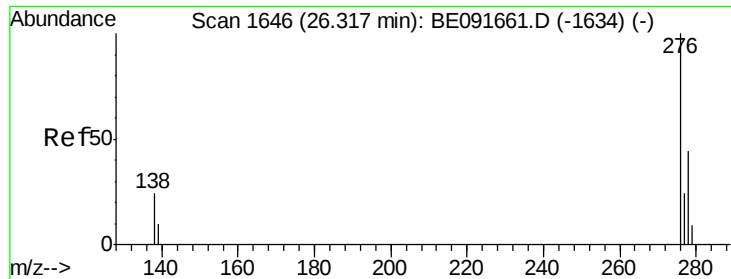


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

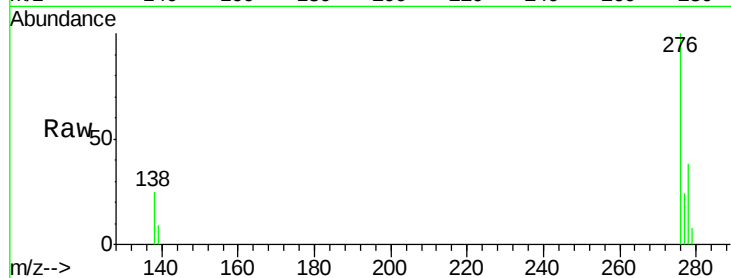




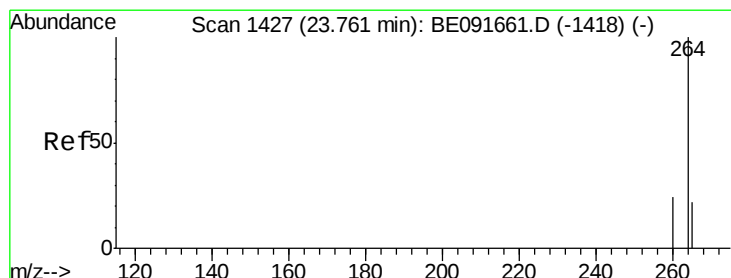
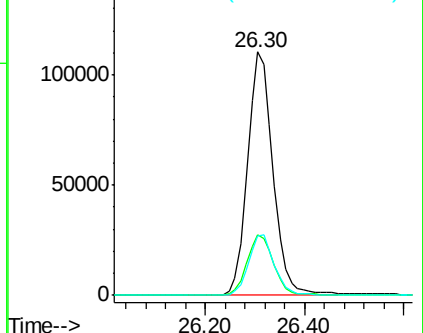
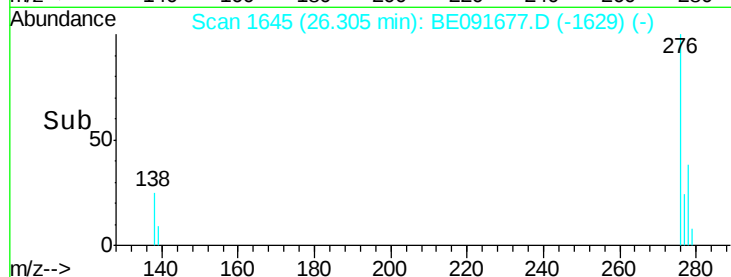
#34
Indeno(1,2,3-cd)pyrene
Concen: 5.81 ng
RT: 26.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Instrument :
BNA_E
ClientSampleId :
BCR08MSD

Tgt Ion: 276 Resp: 396438
Ion Ratio Lower Upper
276 100
138 26.0 23.4 35.2
277 25.0 19.8 29.8

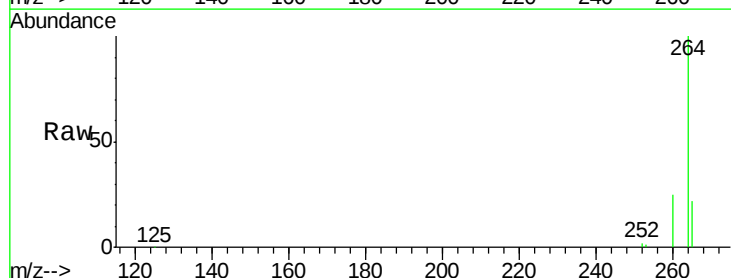


Abundance Ion 276.00 (275.70 to 276.70): E
150000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

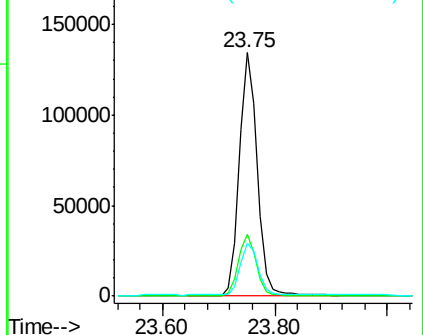
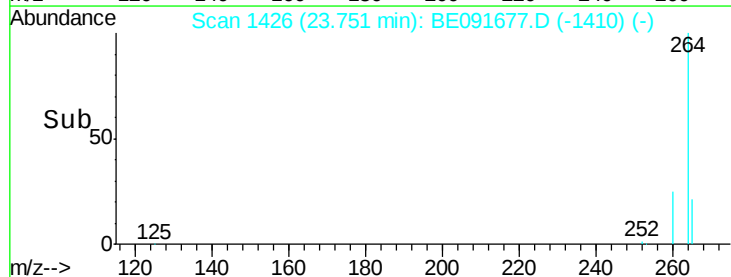


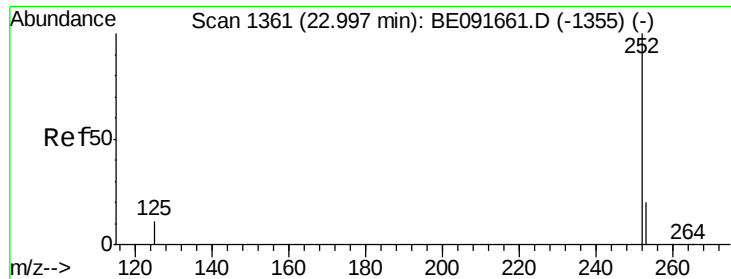
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion: 264 Resp: 302768
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

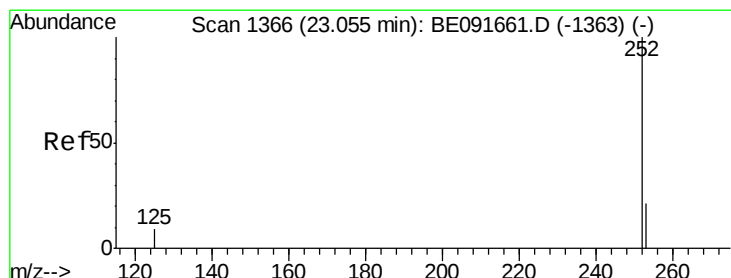
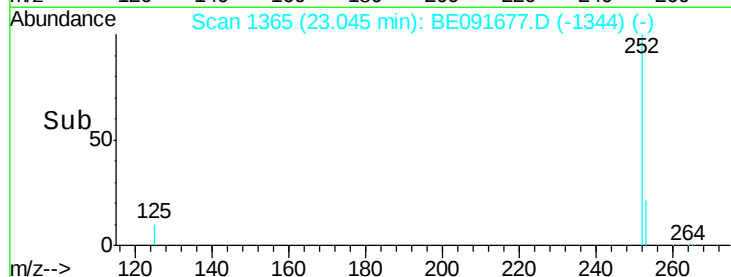
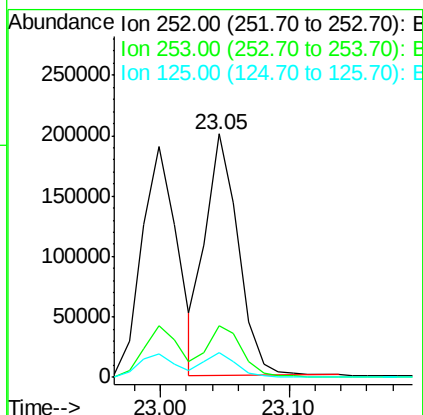
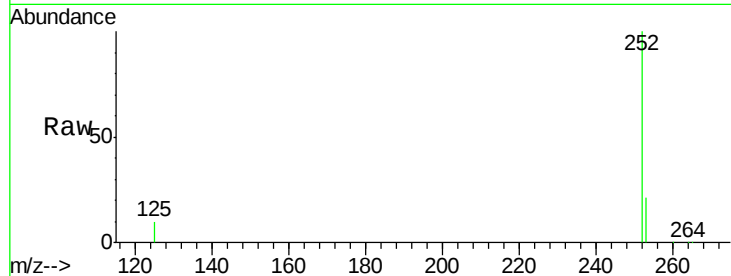




#36
Benzo(b)fluoranthene
Concen: 5.34 ng
RT: 23.05 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

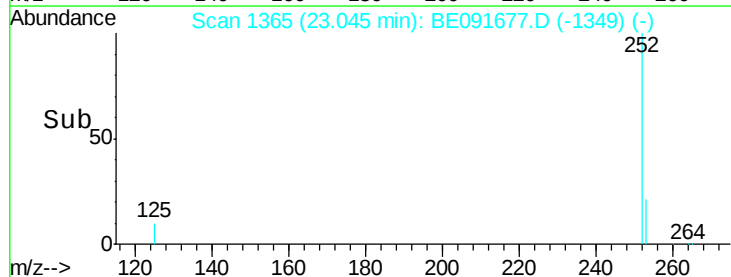
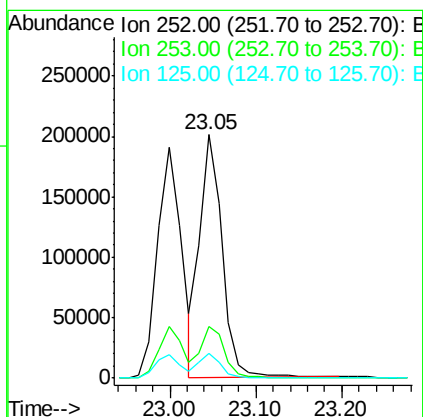
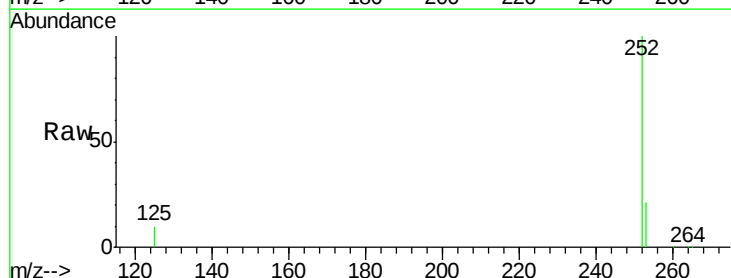
Instrument :
BNA_E
ClientSampleId :
BCR08MSD

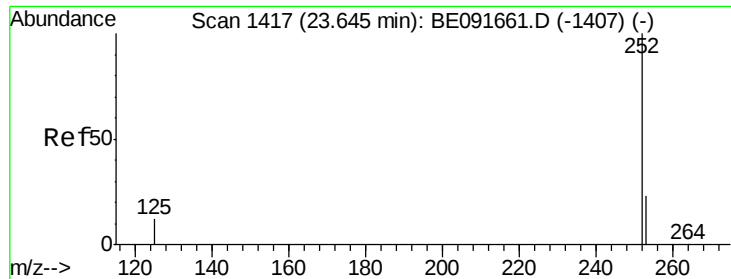
Tgt Ion:252 Resp: 355751
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 10.3 10.2 15.2



#37
Benzo(k)fluoranthene
Concen: 5.13 ng
RT: 23.05 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BE091677.D
Acq: 18 Apr 2016 23:32

Tgt Ion:252 Resp: 362658
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 10.3 9.9 14.9





#38

Benzo(a)pyrene

Concen: 5.43 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD

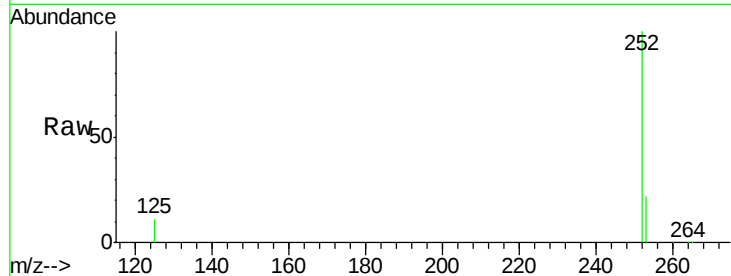
Tgt Ion:252 Resp: 337696

Ion Ratio Lower Upper

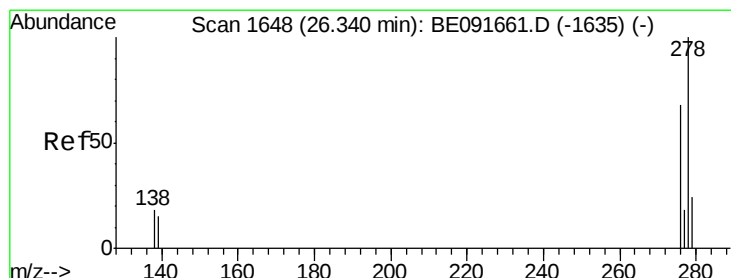
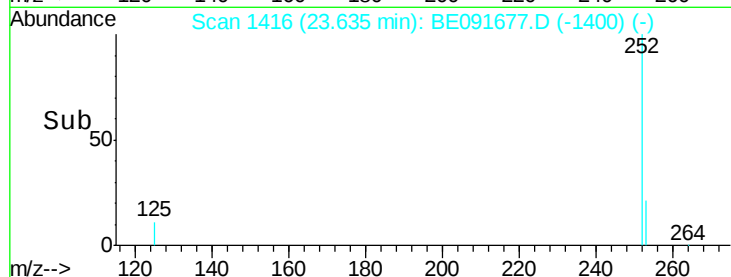
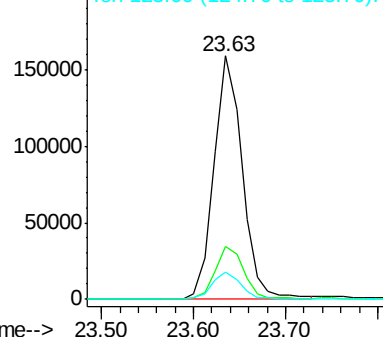
252 100

253 21.6 18.1 27.1

125 11.2 11.0 16.4



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



#39

Dibenzo(a,h)anthracene

Concen: 5.43 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091677.D

Acq: 18 Apr 2016 23:32

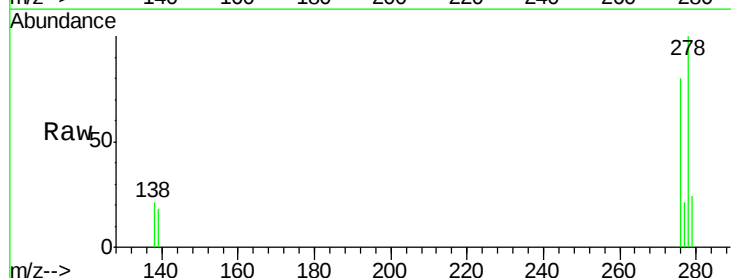
Tgt Ion:278 Resp: 329634

Ion Ratio Lower Upper

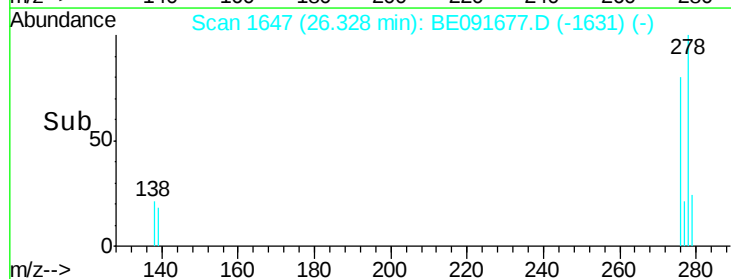
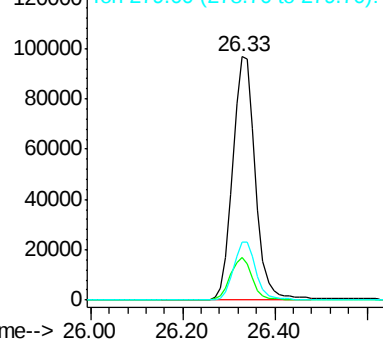
278 100

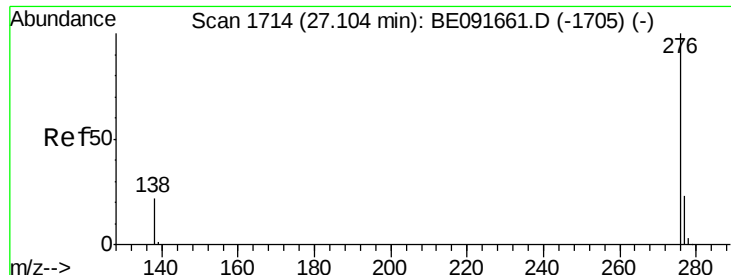
139 17.6 16.0 24.0

279 23.7 19.4 29.2



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





#40

Benzo(g,h,i)perylene

Concen: 5.29 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE091677.D

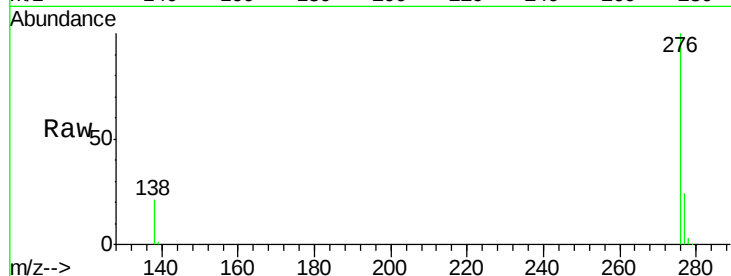
Acq: 18 Apr 2016 23:32

Instrument :

BNA_E

ClientSampleId :

BCR08MSD



Tgt Ion: 276 Resp: 333117

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.8 20.4 30.6

