

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051016\
 Data File : BE091767.D
 Acq On : 10 May 2016 21:46
 Operator : UM/SJ
 Sample : PB90364BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90364BS

Quant Time: May 11 01:35:42 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	44140	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	214742	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	128780	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	301835	5.00	ng	0.00
26) Chrysene-d12	21.31	240	288474	5.00	ng	0.00
35) Perylene-d12	23.74	264	304397	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	74748	6.89	ng	0.00
5) Phenol-d6	6.96	99	109231	7.60	ng	0.00
8) Nitrobenzene-d5	8.95	82	51969	3.75	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	34286	7.17	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	135236	3.71	ng	0.00
29) Terphenyl-d14	19.76	244	196155	4.36	ng	0.00

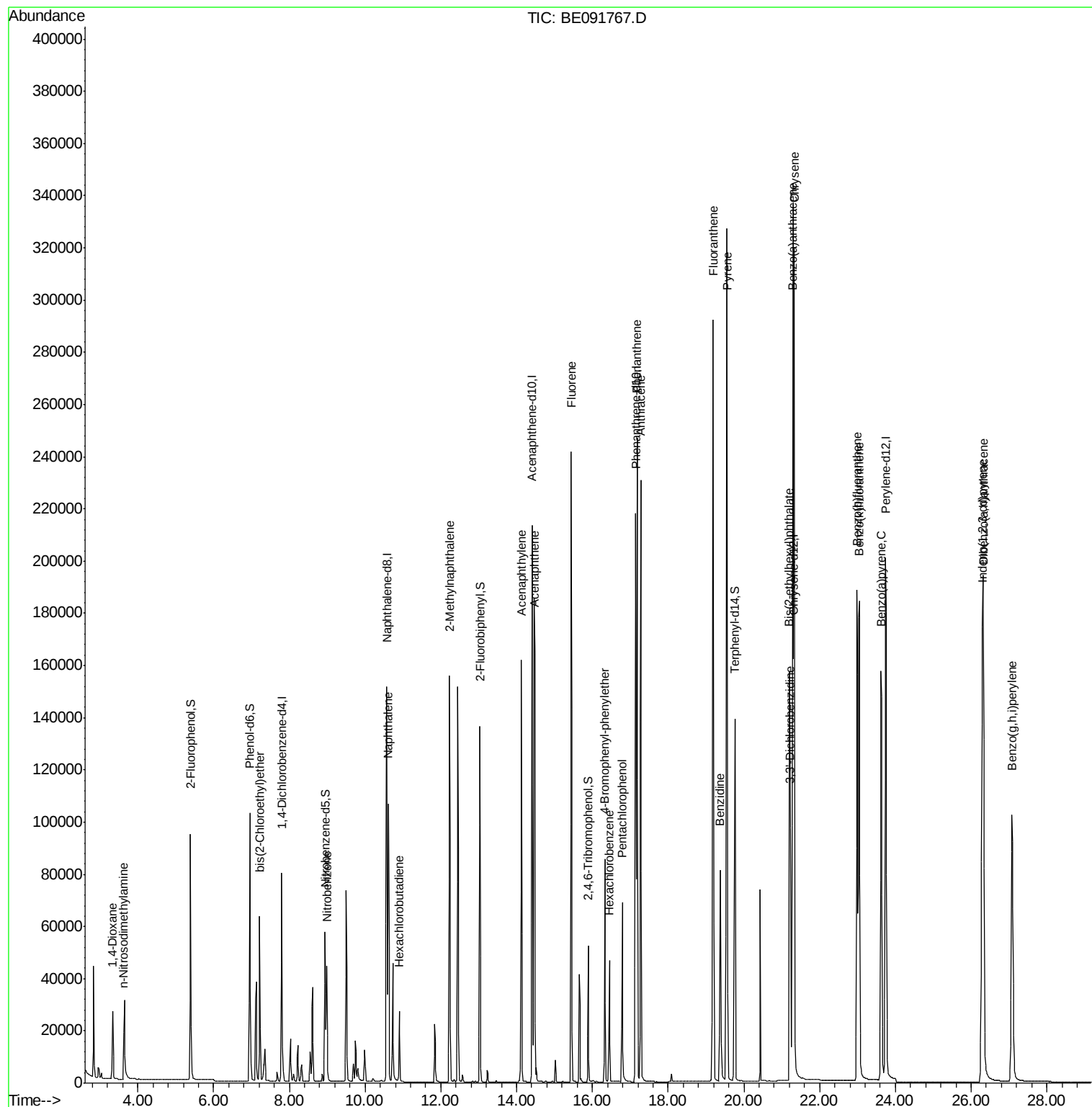
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	16996	3.28	ng	94
3) n-Nitrosodimethylamine	3.63	42	27050	3.37	ng	# 92
6) bis(2-Chloroethyl)ether	7.21	93	45392	3.59	ng	# 77
9) Nitrobenzene	8.99	77	54235	3.74	ng	92
10) Naphthalene	10.61	128	159263	3.67	ng	98
11) Hexachlorobutadiene	10.90	225	25721	4.02	ng	98
12) 2-Methylnaphthalene	12.23	142	112739	4.05	ng	98
16) Acenaphthylene	14.12	152	198813	4.01	ng	# 86
17) Acenaphthene	14.47	154	121814	3.79	ng	96
18) Fluorene	15.45	166	149847	3.75	ng	97
20) 4-Bromophenyl-phenylether	16.32	248	42725	3.93	ng	93
21) Hexachlorobenzene	16.45	284	43684	4.02	ng	99
22) Pentachlorophenol	16.79	266	46977	8.00	ng	89
23) Phenanthrene	17.18	178	259320	3.78	ng	100
24) Anthracene	17.27	178	249617	4.04	ng	98
25) Fluoranthene	19.19	202	294807	4.11	ng	# 96
27) Benzidine	19.38	184	117655	5.15	ng	# 76
28) Pyrene	19.55	202	316304	4.85	ng	99
30) Benzo(a)anthracene	21.29	228	281602	4.00	ng	# 90
31) 3,3'-Dichlorobenzidine	21.22	252	86358	2.40	ng	# 88
32) Chrysene	21.34	228	311055m	4.25	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	181618	8.51	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.29	276	298846	4.58	ng	95
36) Benzo(b)fluoranthene	22.99	252	272450	3.82	ng	# 96
37) Benzo(k)fluoranthene	23.04	252	289159	3.99	ng	# 95
38) Benzo(a)pyrene	23.62	252	266459	3.97	ng	95
39) Dibenzo(a,h)anthracene	26.32	278	250232	3.93	ng	# 95
40) Benzo(g,h,i)perylene	27.08	276	250753	3.88	ng	94

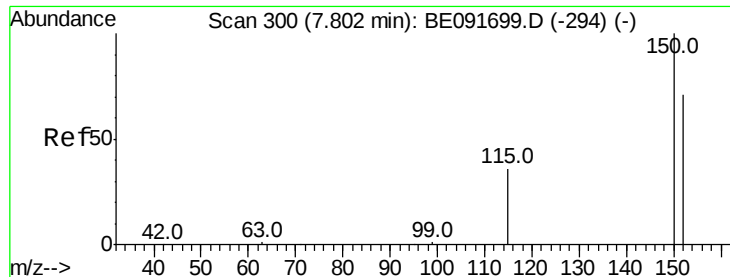
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

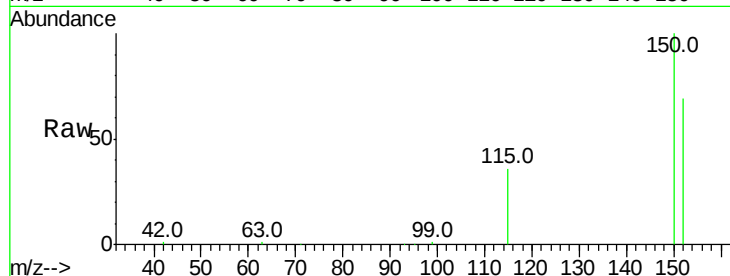
Tot Ion:152 Resp: 44140

Ion Ratio Lower Upper

152 100

150 145.2 122.6 183.8

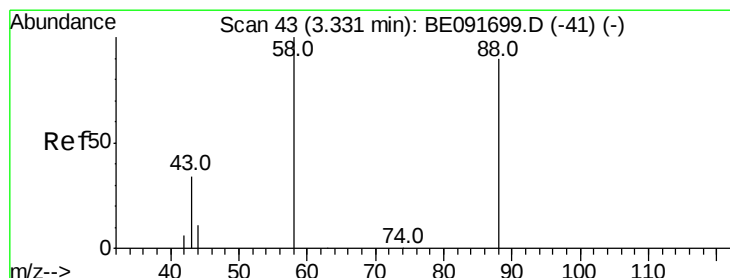
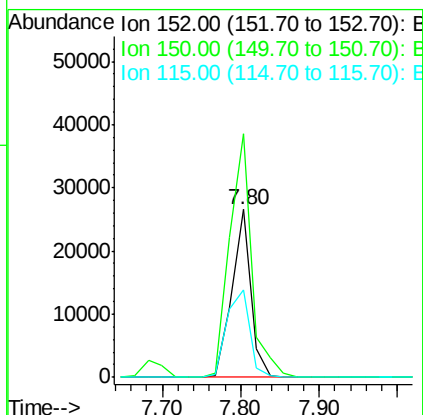
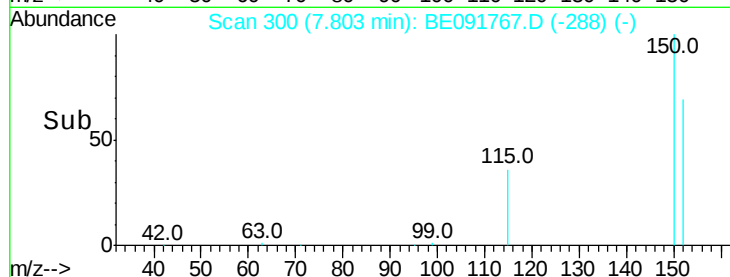
115 52.2 52.8 79.2#



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: 3.28 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

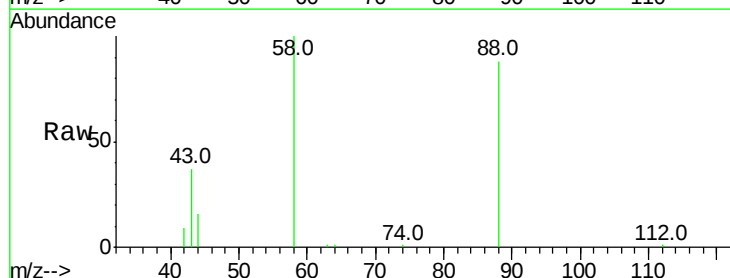
Tgt Ion: 88 Resp: 16996

Ion Ratio Lower Upper

88 100

58 87.0 65.8 98.6

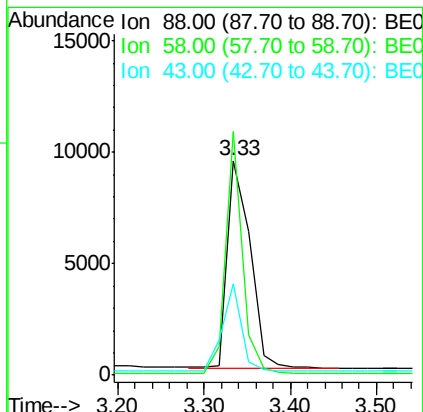
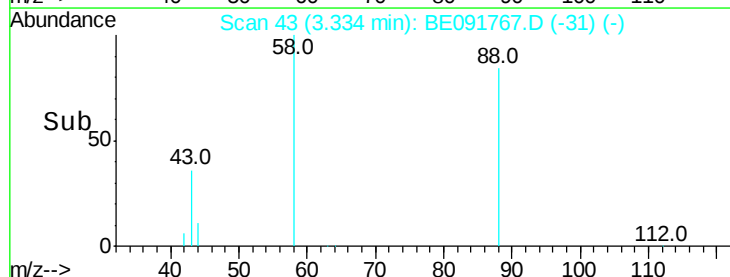
43 35.5 25.3 37.9

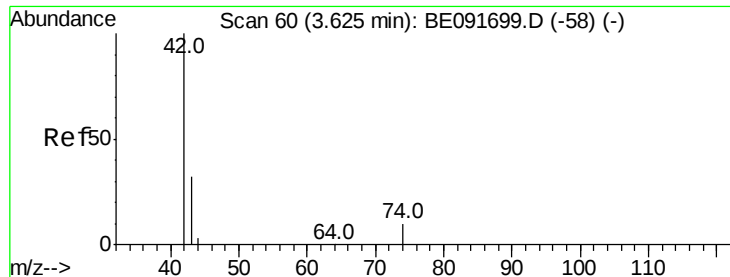


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.37 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091767.D

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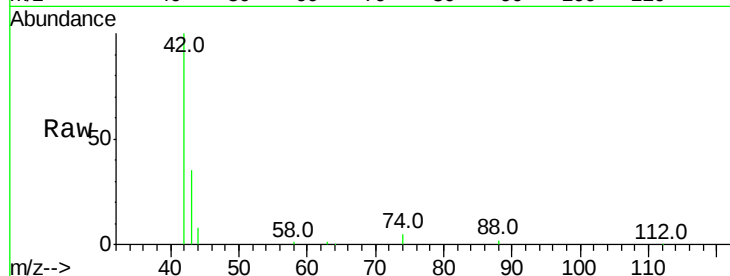
Tot Ion: 42 Resp: 27050

Ion Ratio Lower Upper

42 100

74 101.3 87.9 131.9

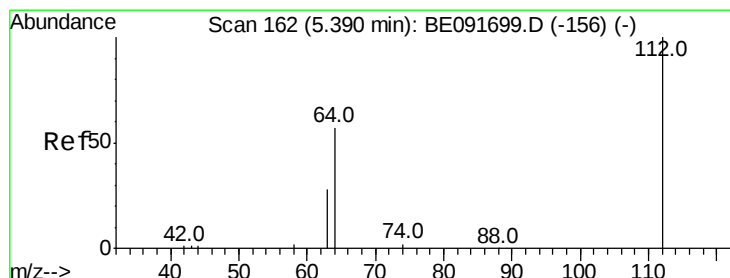
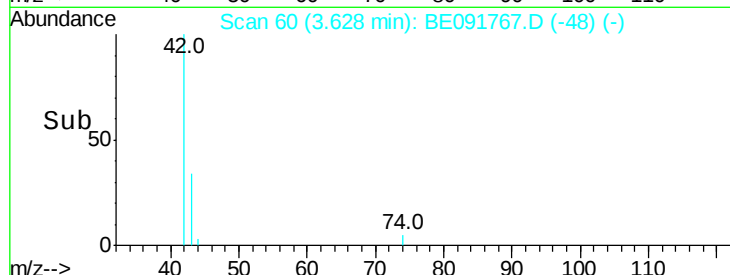
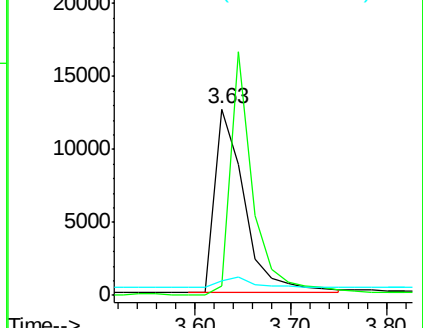
44 5.9 6.6 9.8#



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: 6.89 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

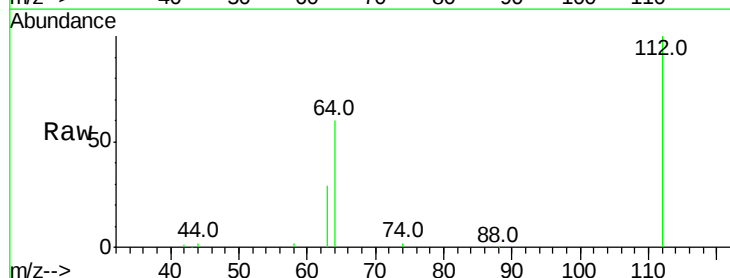
Tgt Ion: 112 Resp: 74748

Ion Ratio Lower Upper

112 100

64 66.4 30.9 46.3#

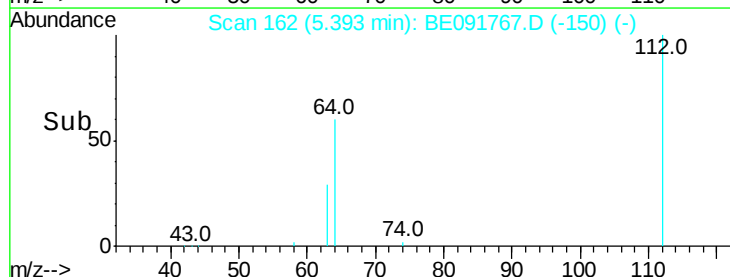
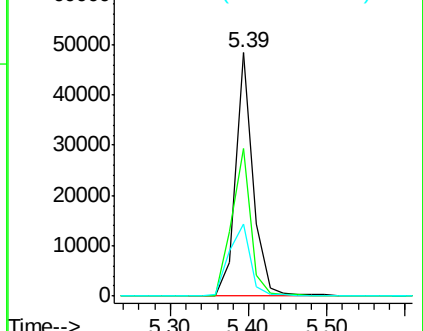
63 35.9 16.7 25.1#

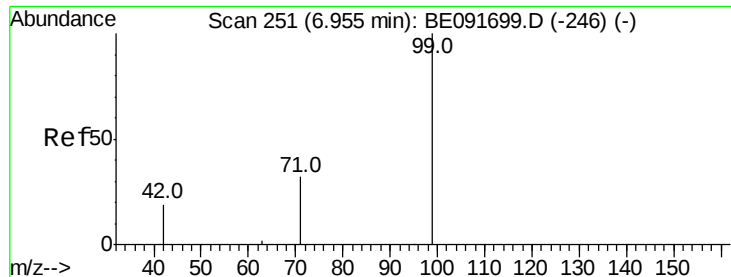


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.60 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

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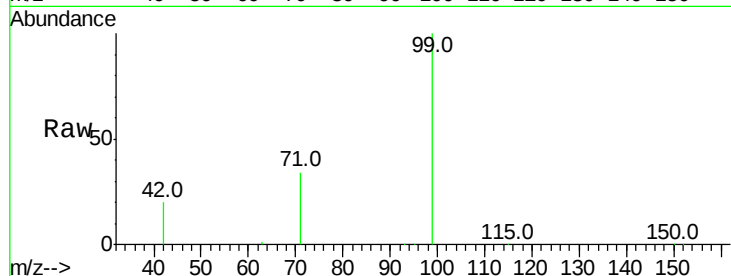
Tot Ion: 99 Resp: 109231

Ion Ratio Lower Upper

99 100

42 25.0 16.2 24.2#

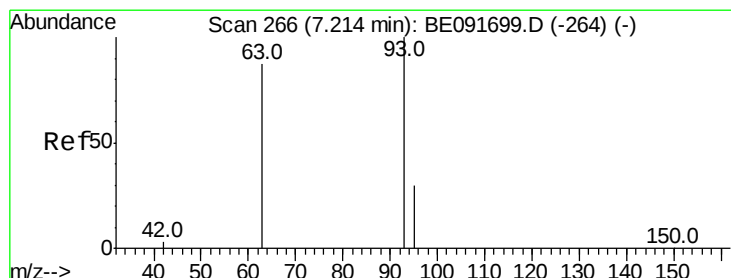
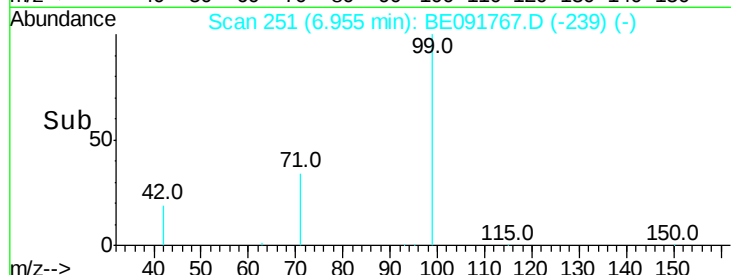
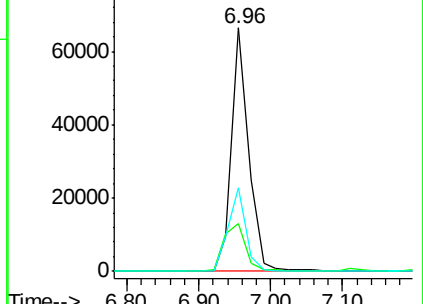
71 35.3 29.0 43.4



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: 3.59 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

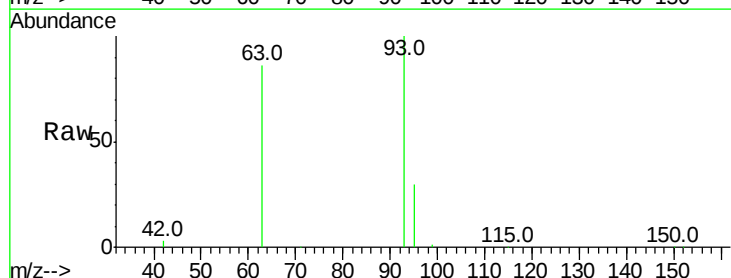
Tgt Ion: 93 Resp: 45392

Ion Ratio Lower Upper

93 100

63 84.4 49.5 74.3#

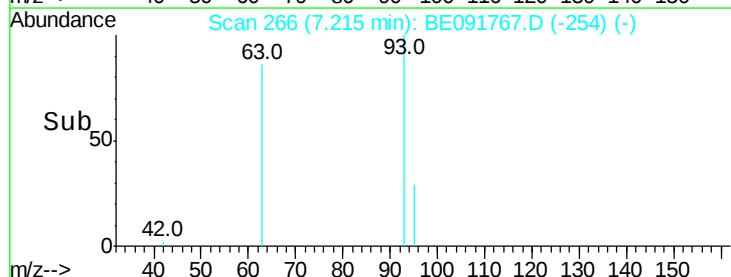
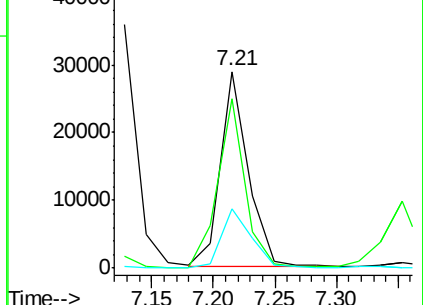
95 32.3 22.2 33.4

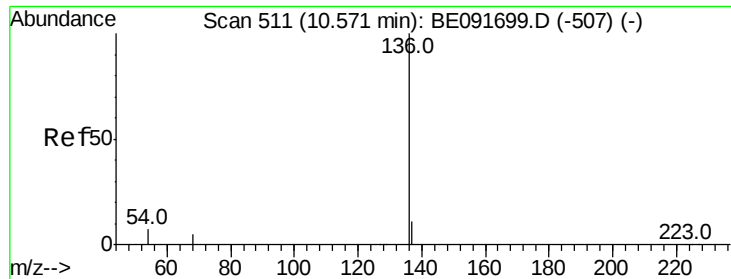


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

Tot Ion:136 Resp: 214742

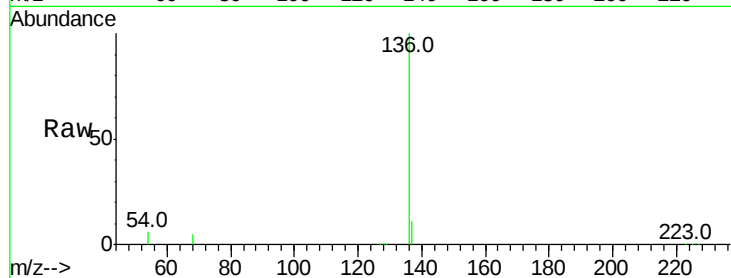
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.7 8.2 12.4#

68 4.5 6.2 9.4#

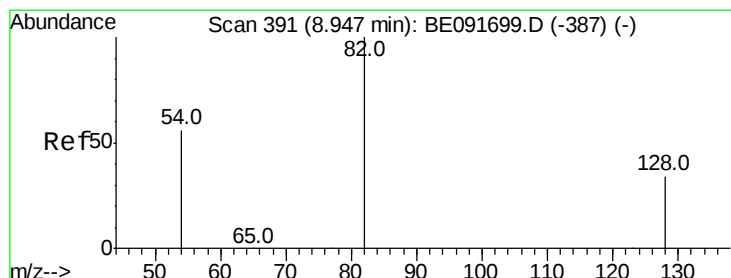
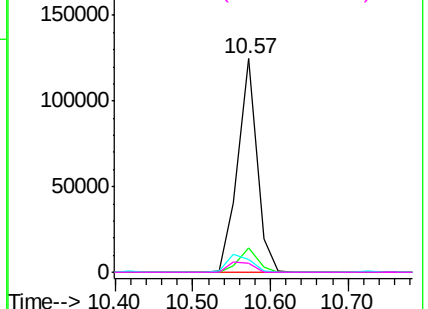
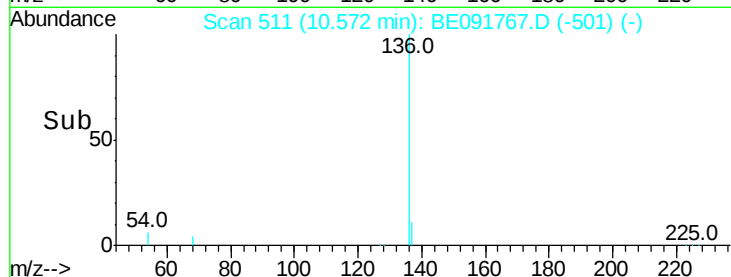


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.75 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

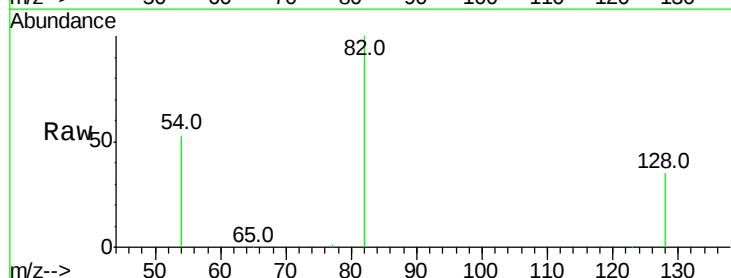
Tgt Ion: 82 Resp: 51969

Ion Ratio Lower Upper

82 100

128 34.8 25.4 38.0

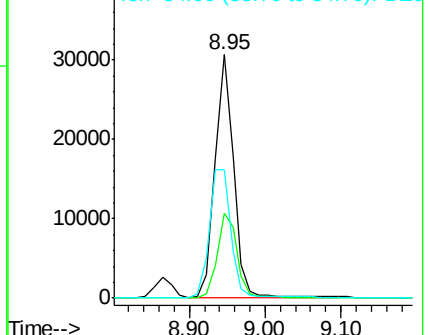
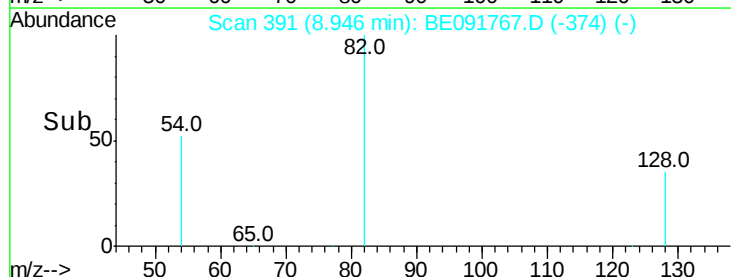
54 52.5 48.4 72.6

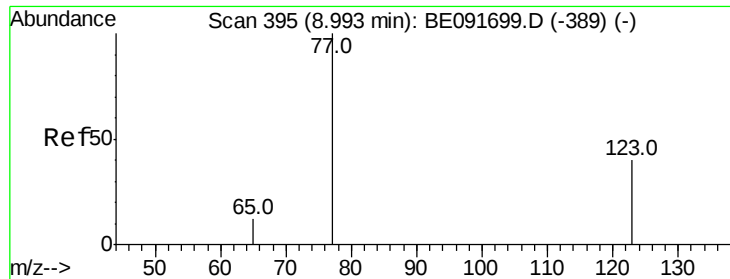


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.74 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

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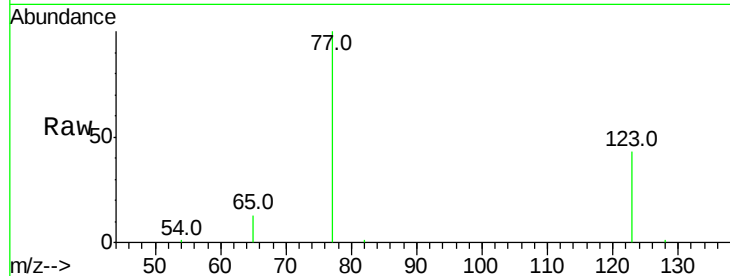
Tot Ion: 77 Resp: 54235

Ion Ratio Lower Upper

77 100

123 38.5 26.9 40.3

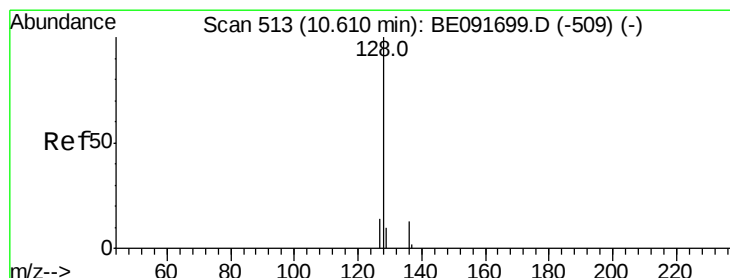
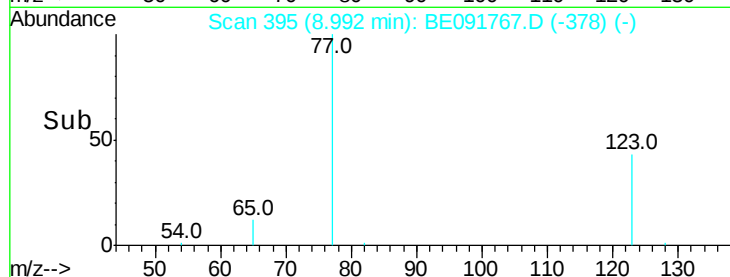
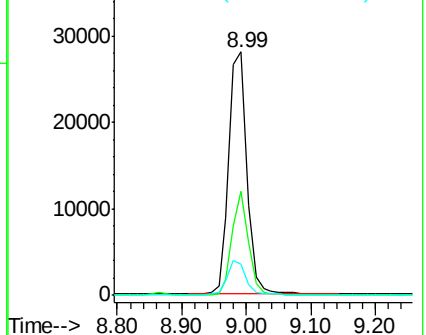
65 14.1 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 3.67 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

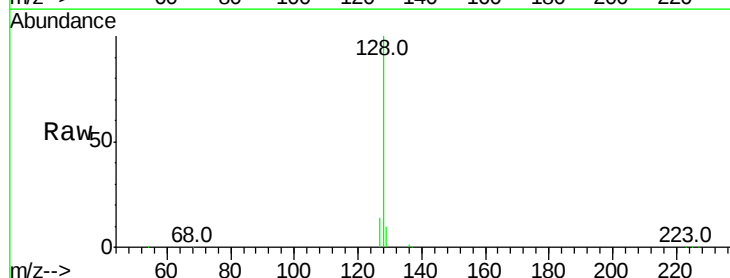
Tgt Ion: 128 Resp: 159263

Ion Ratio Lower Upper

128 100

129 10.4 9.3 13.9

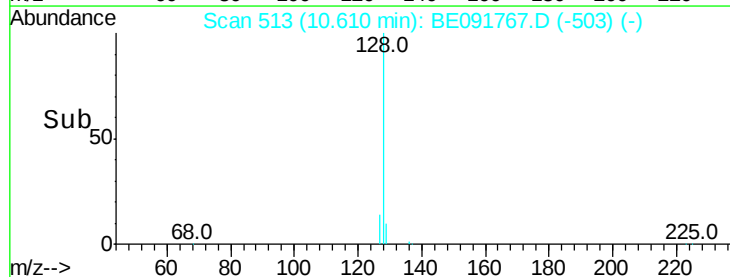
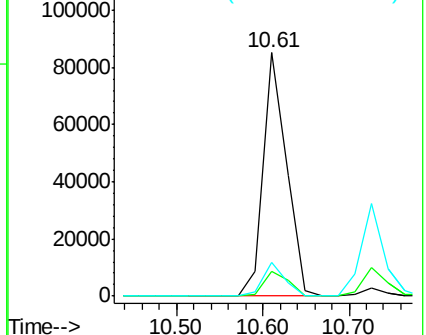
127 13.9 10.7 16.1

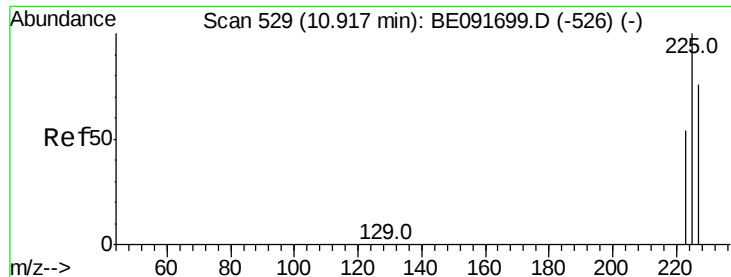


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

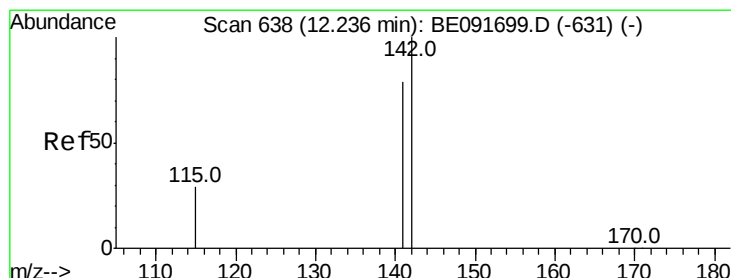
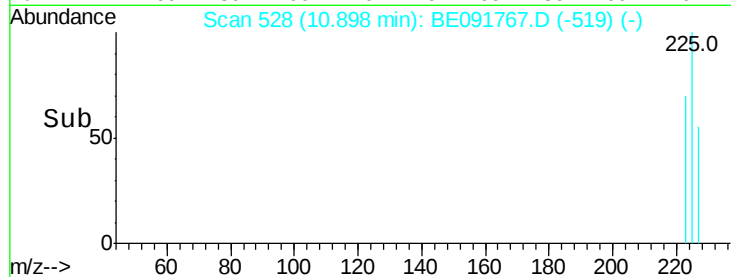
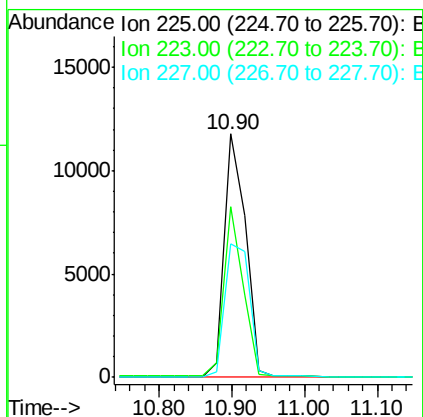
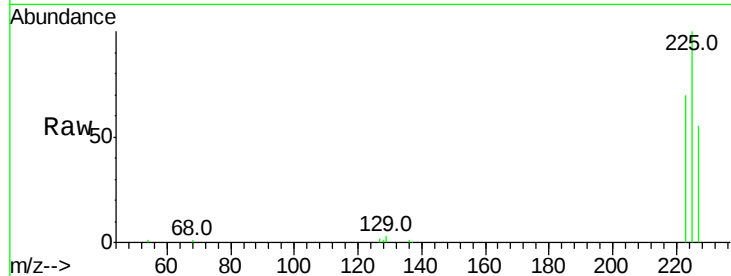




#11
Hexachlorobutadiene
Concen: 4.02 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

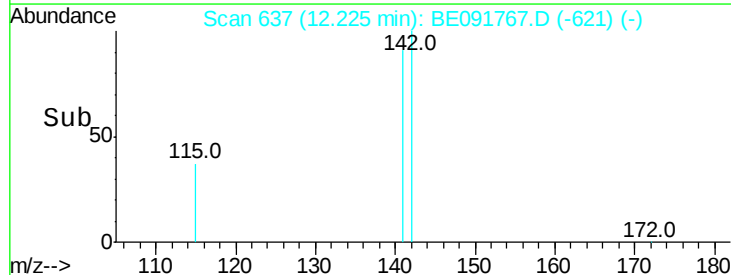
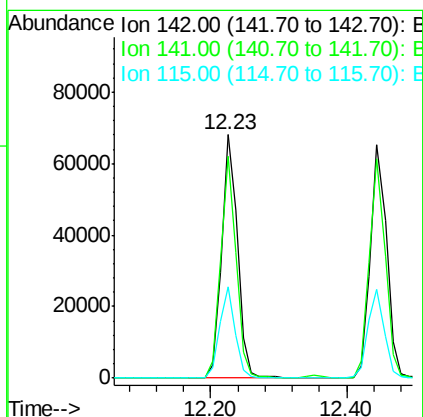
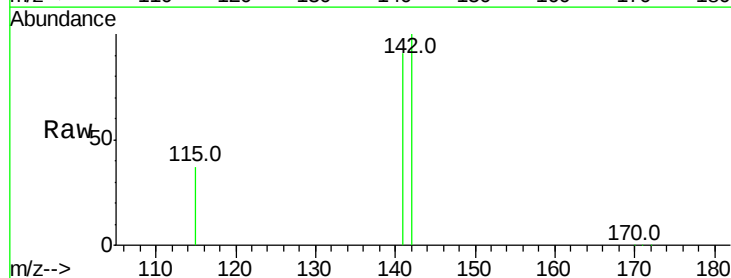
Instrument :
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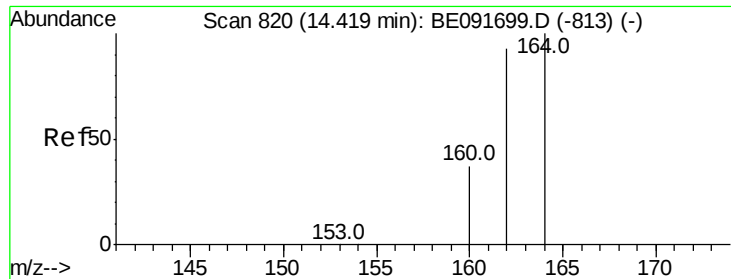
Tot Ion:225 Resp: 25721
Ion Ratio Lower Upper
225 100
223 63.7 49.0 73.6
227 64.1 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.05 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

Tgt Ion:142 Resp: 112739
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.0
115 37.5 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

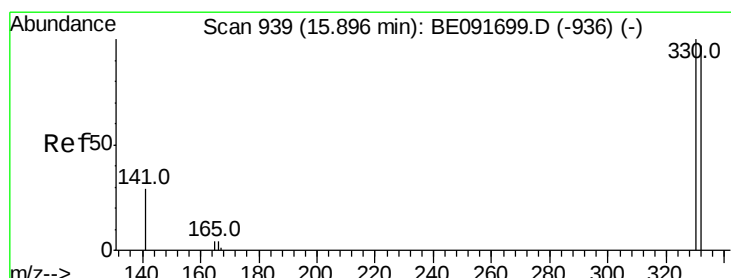
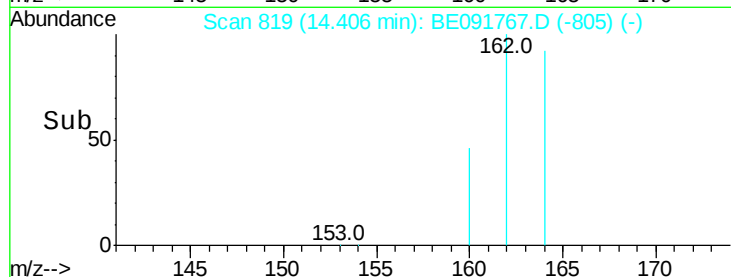
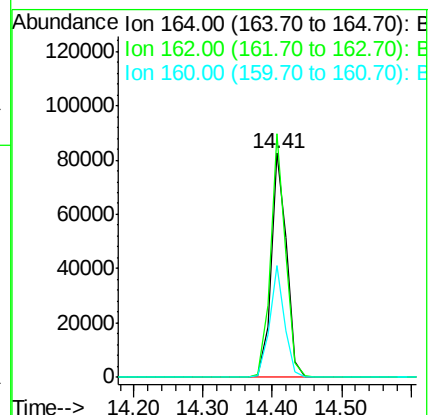
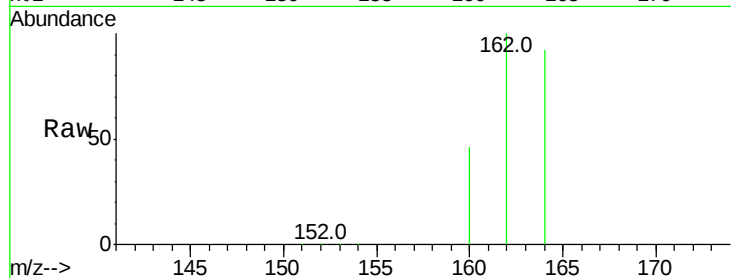
Tot Ion:164 Resp: 128780

Ion Ratio Lower Upper

164 100

162 108.6 85.3 127.9

160 49.7 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 7.17 ng

RT: 15.89 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

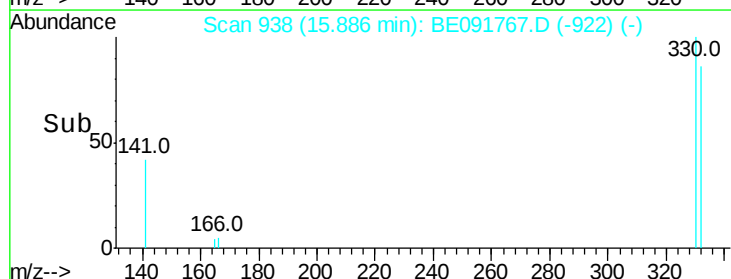
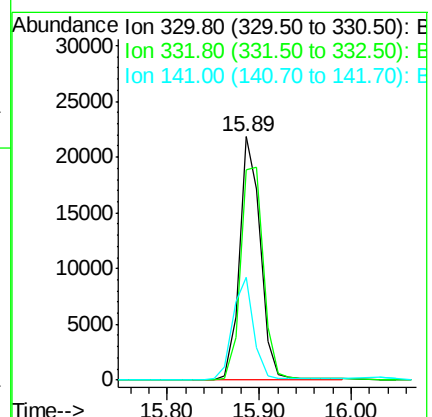
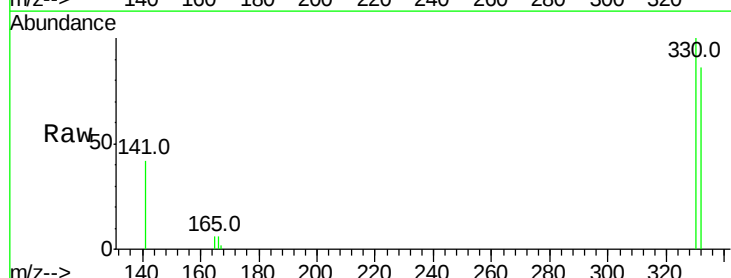
Tgt Ion:330 Resp: 34286

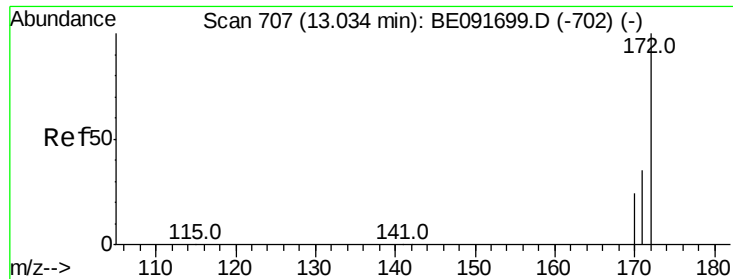
Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 41.9 125.4 188.0#

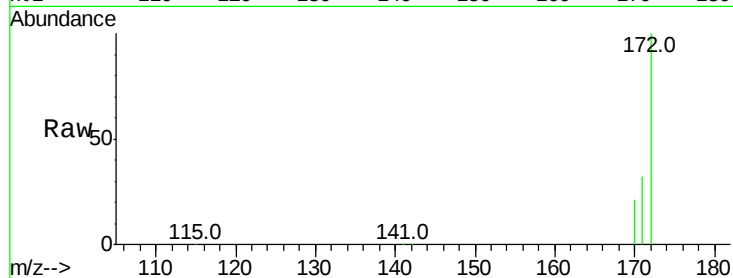




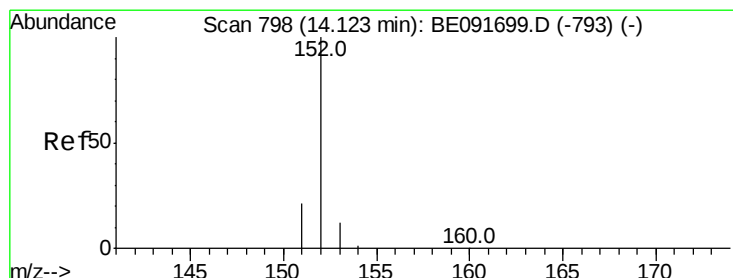
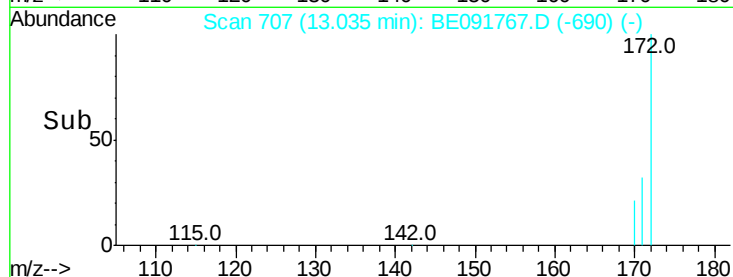
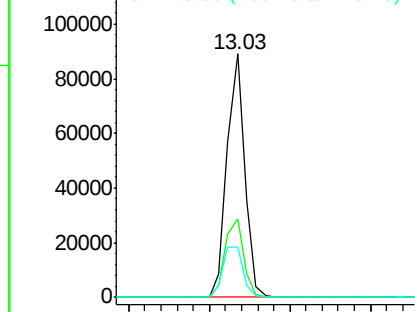
#15
2-Fluorobiphenyl
Concen: 3.71 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

Instrument :
BNA_E
ClientSampleId :
PB90364BS

Tot Ion:172 Resp: 135236
Ion Ratio Lower Upper
172 100
171 32.4 28.8 43.2
170 20.7 19.3 28.9

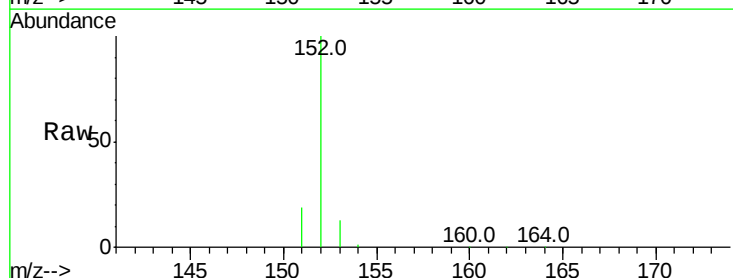


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

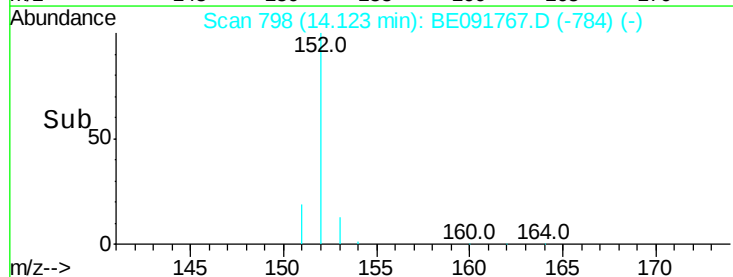
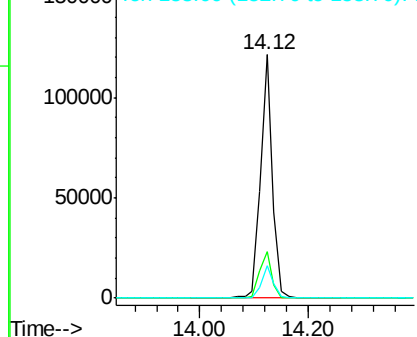


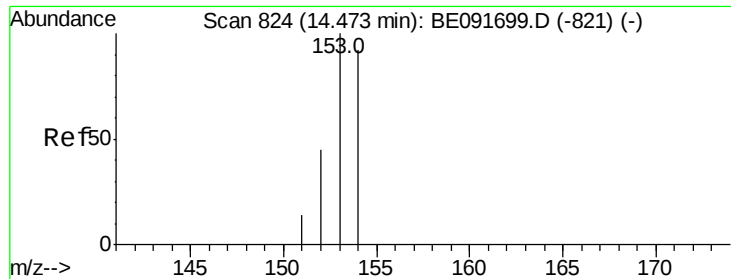
#16
Acenaphthylene
Concen: 4.01 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

Tgt Ion:152 Resp: 198813
Ion Ratio Lower Upper
152 100
151 20.4 3.9 5.9#
153 13.4 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

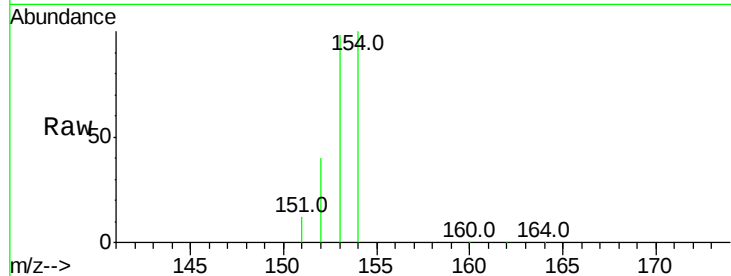




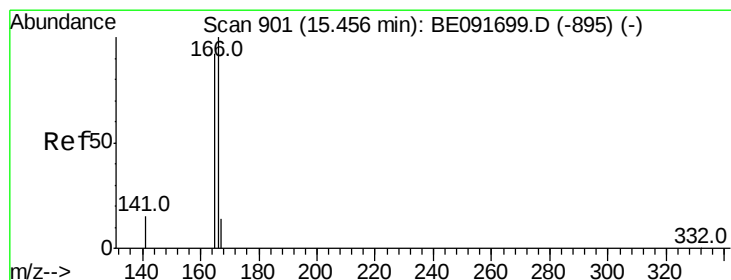
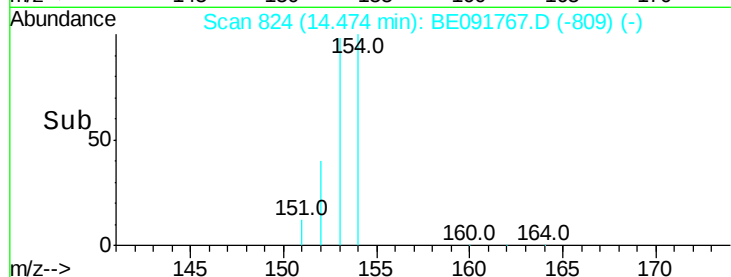
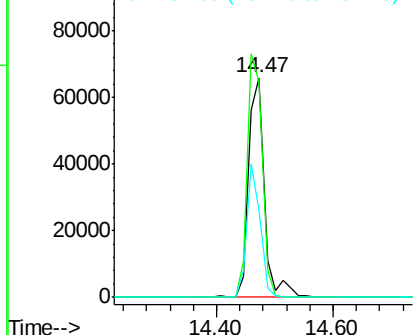
#17
Acenaphthene
Concen: 3.79 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

Instrument :
BNA_E
ClientSampleId :
PB90364BS

Tot Ion:154 Resp: 121814
Ion Ratio Lower Upper
154 100
153 104.7 80.0 120.0
152 51.6 40.0 60.0

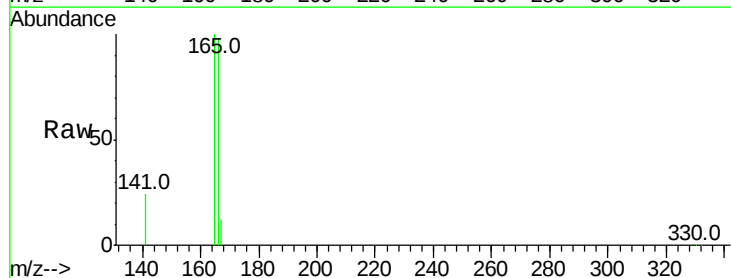


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

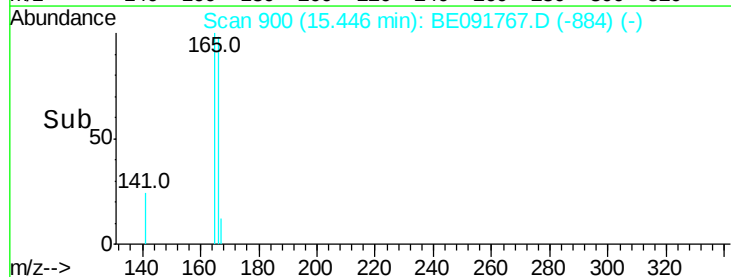
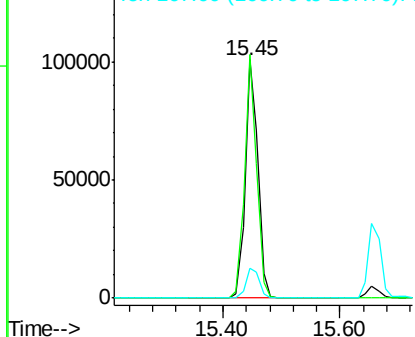


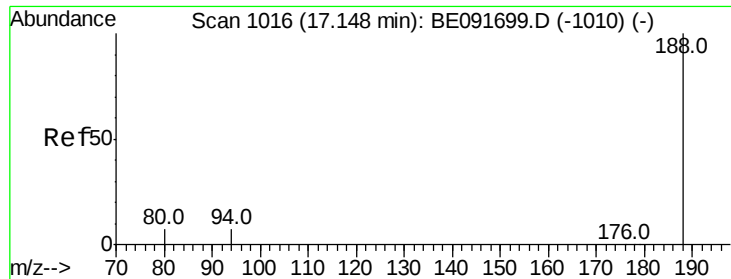
#18
Fluorene
Concen: 3.75 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

Tgt Ion:166 Resp: 149847
Ion Ratio Lower Upper
166 100
165 97.8 80.8 121.2
167 13.6 10.9 16.3



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

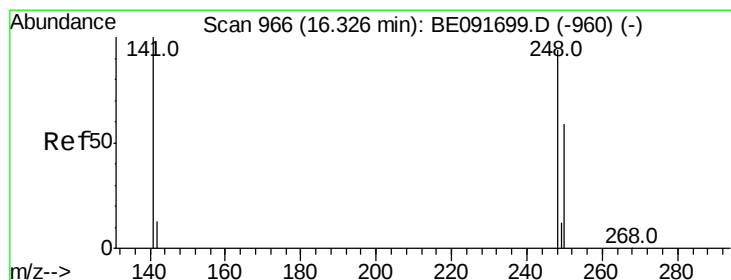
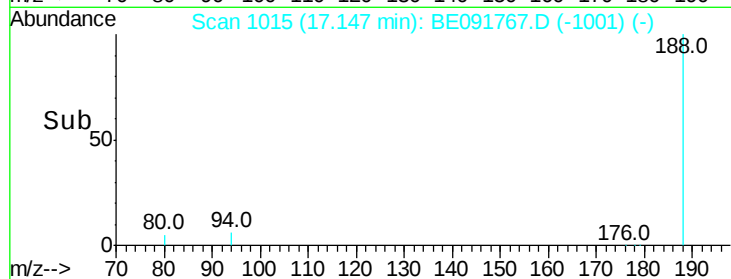
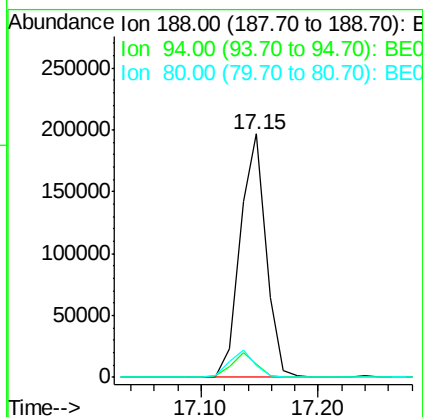
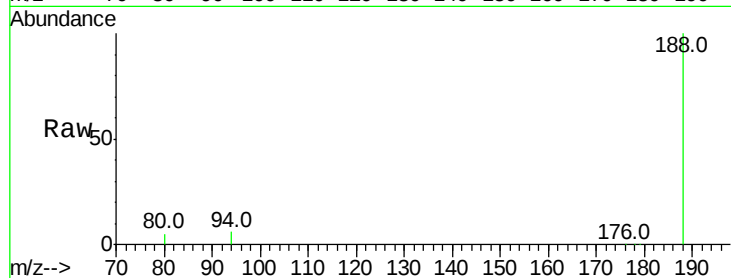




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

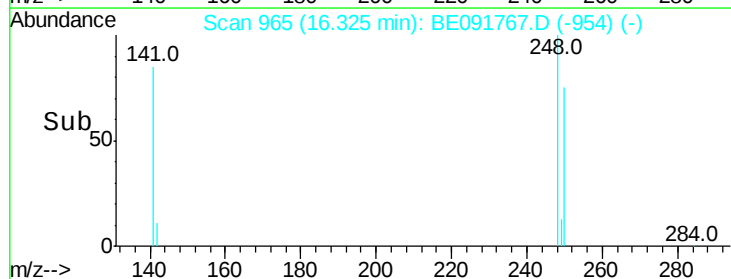
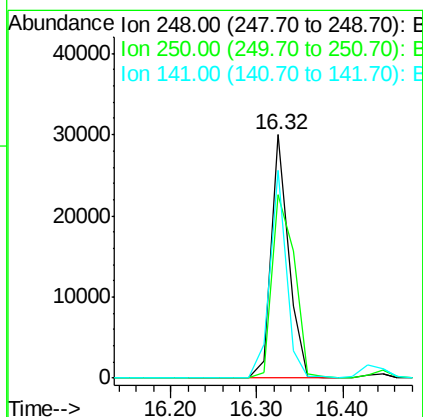
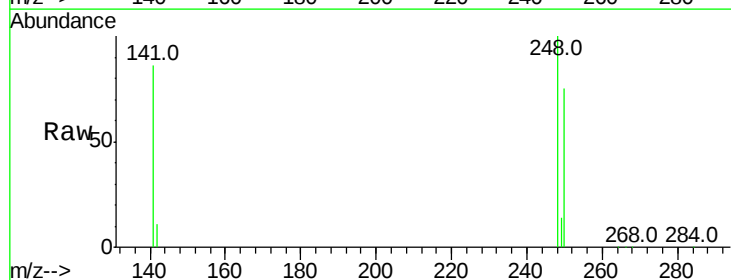
Instrument :
BNA_E
ClientSampleId :
PB90364BS

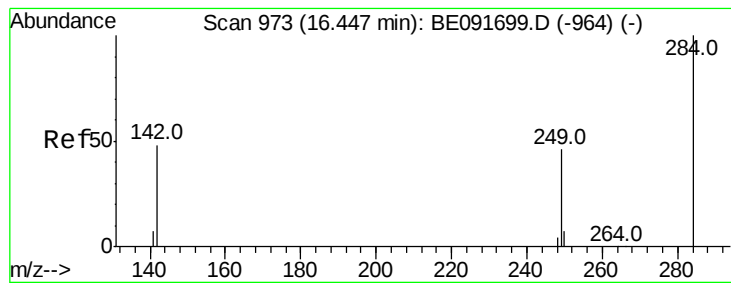
Tot Ion:188 Resp: 301835
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 4.9 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 16.32 min Scan# 965
Delta R.T. -0.00 min
Lab File: BE091767.D
Acq: 10 May 2016 21:46

Tgt Ion:248 Resp: 42725
Ion Ratio Lower Upper
248 100
250 95.9 80.5 120.7
141 80.7 72.0 108.0





#21

Hexachlorobenzene

Concen: 4.02 ng

RT: 16.45 min Scan# 972

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

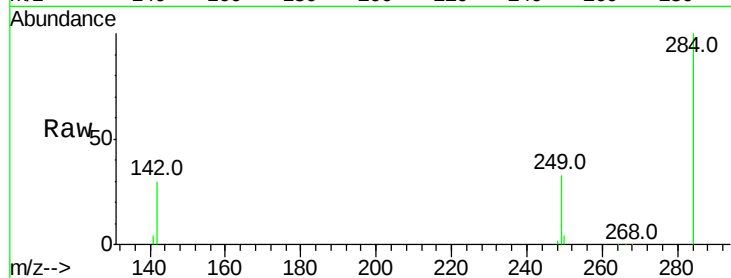
Tot Ion:284 Resp: 43684

Ion Ratio Lower Upper

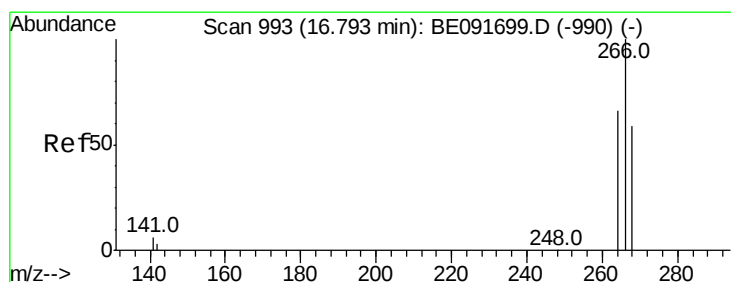
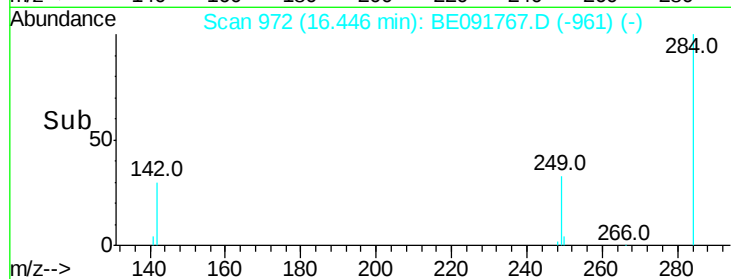
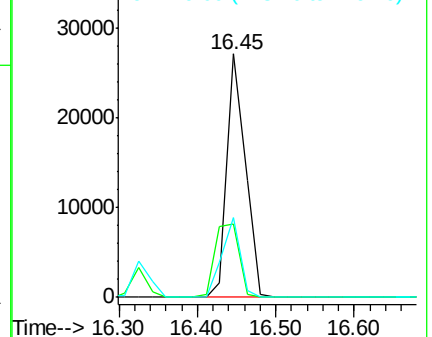
284 100

142 39.1 32.2 48.2

249 31.9 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: 8.00 ng

RT: 16.79 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

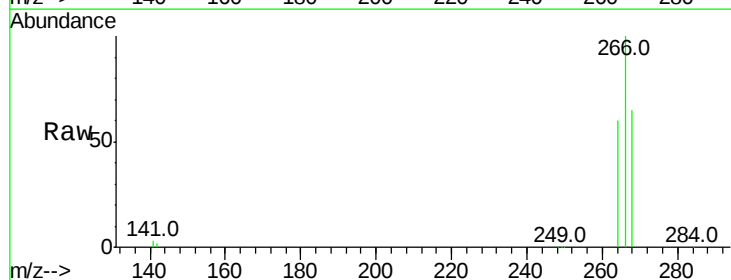
Tgt Ion:266 Resp: 46977

Ion Ratio Lower Upper

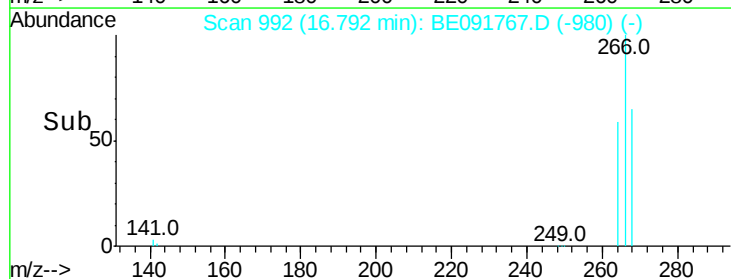
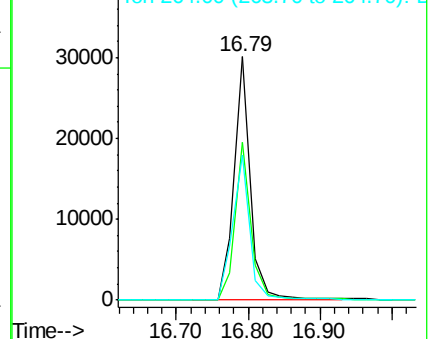
266 100

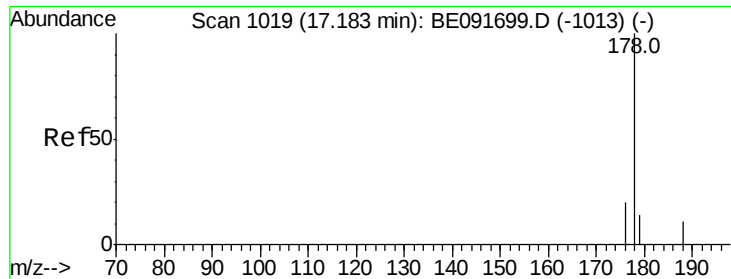
268 64.8 58.2 87.2

264 59.5 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: 3.78 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

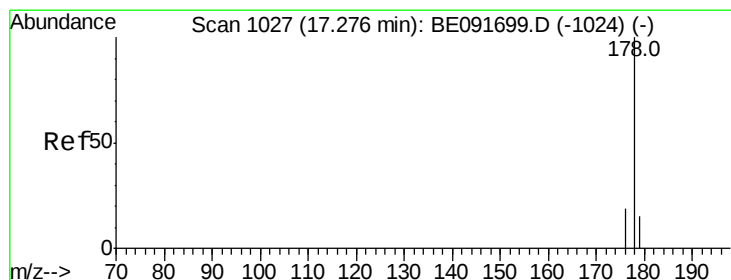
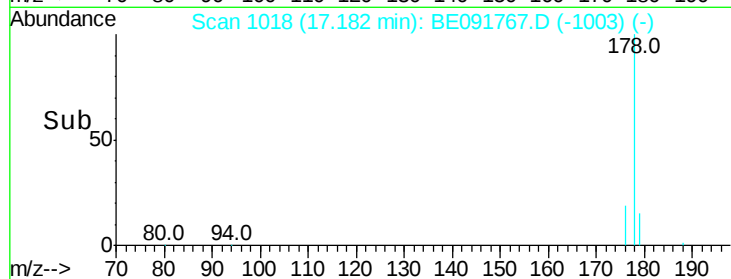
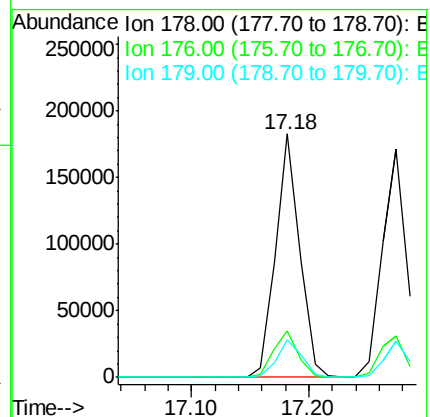
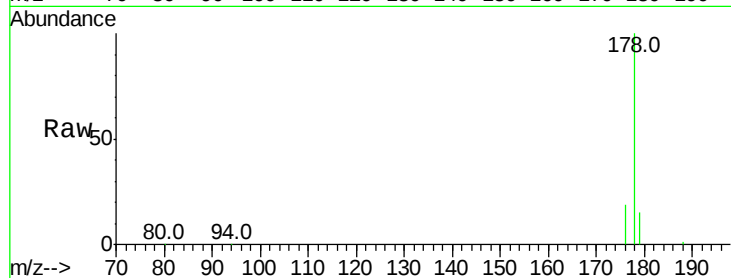
Tot Ion:178 Resp: 259320

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.7 12.6 18.8



#24

Anthracene

Concen: 4.04 ng

RT: 17.27 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

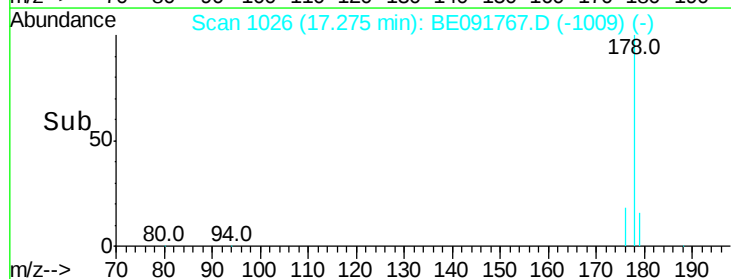
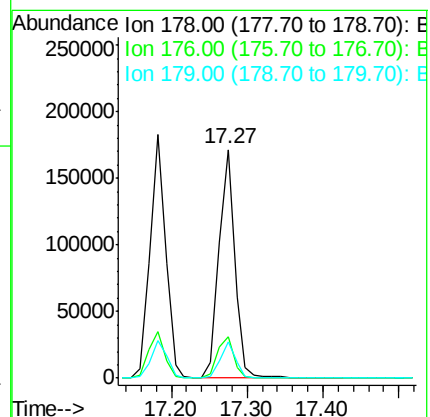
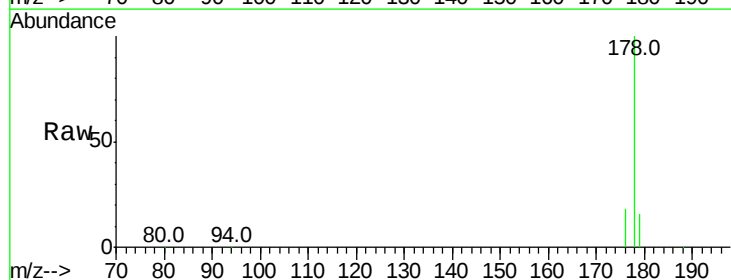
Tgt Ion:178 Resp: 249617

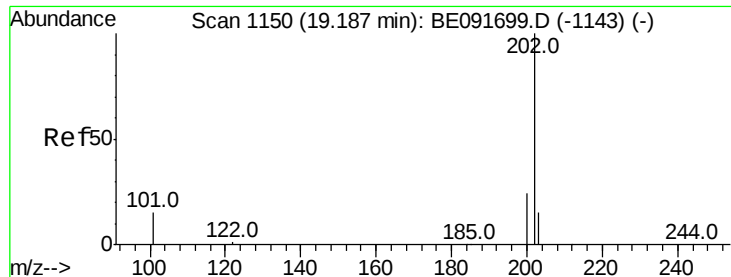
Ion Ratio Lower Upper

178 100

176 19.2 14.6 21.8

179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 4.11 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

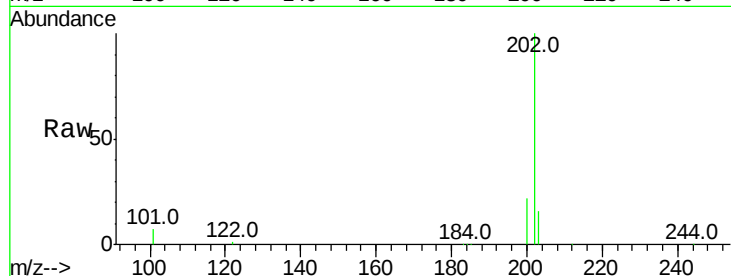
Tot Ion:202 Resp: 294807

Ion Ratio Lower Upper

202 100

101 10.3 11.0 16.6#

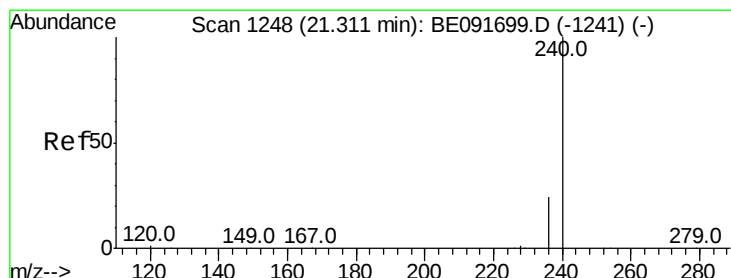
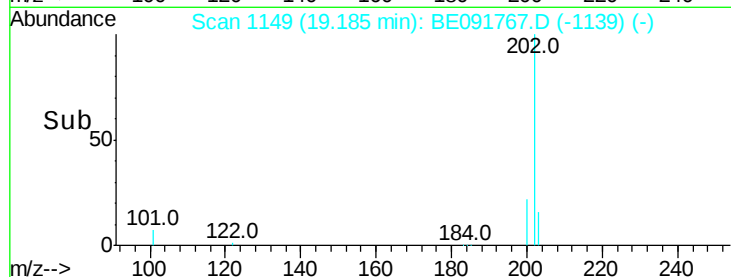
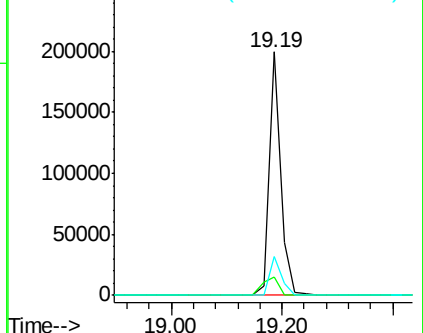
203 17.3 13.9 20.9



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# 1247

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

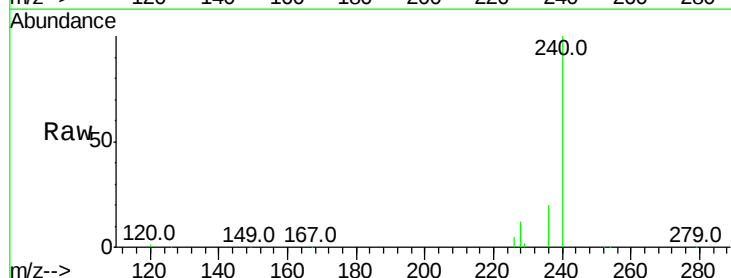
Tgt Ion:240 Resp: 288474

Ion Ratio Lower Upper

240 100

120 0.8 11.0 16.4#

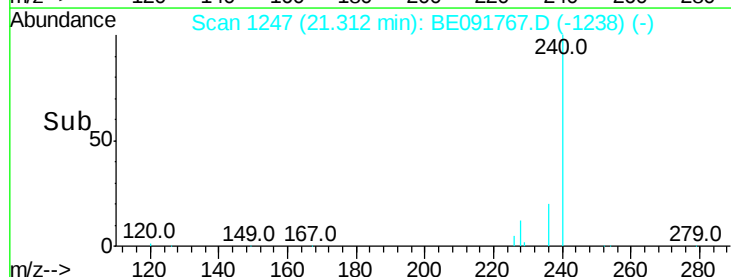
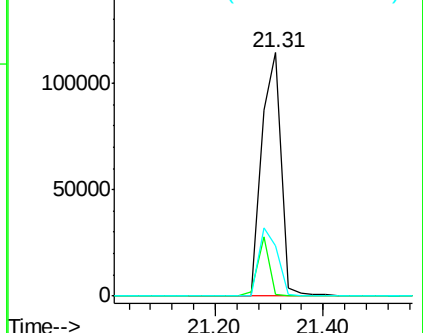
236 20.5 21.7 32.5#

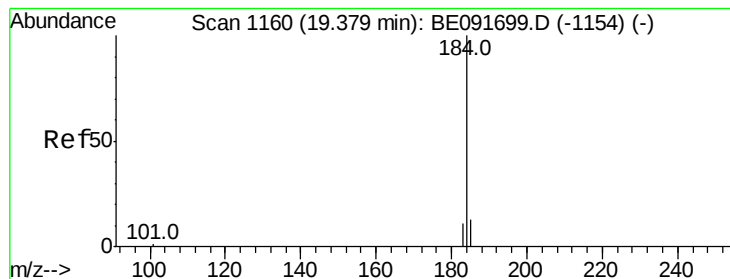


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 5.15 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

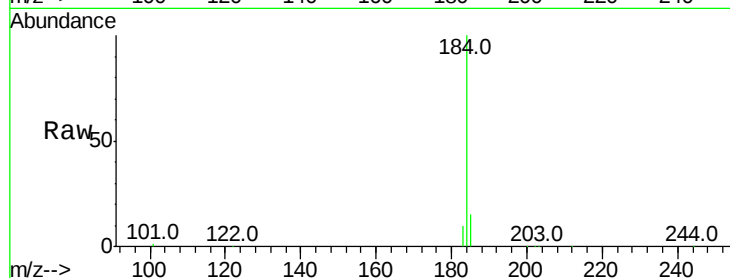
Tot Ion:184 Resp: 117655

Ion Ratio Lower Upper

184 100

185 15.0 22.3 33.5#

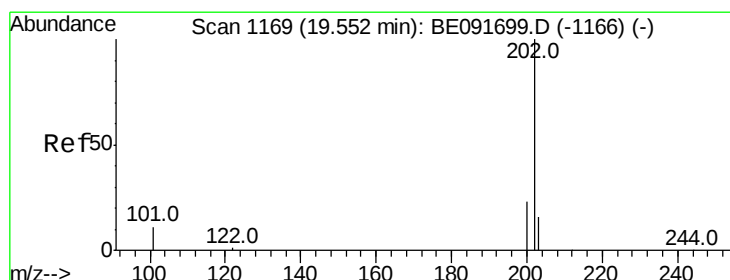
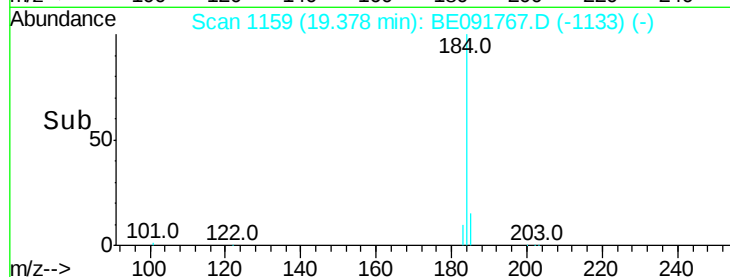
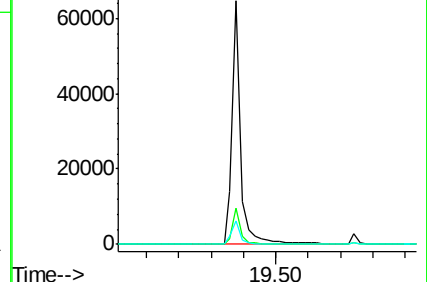
183 9.8 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.85 ng

RT: 19.55 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

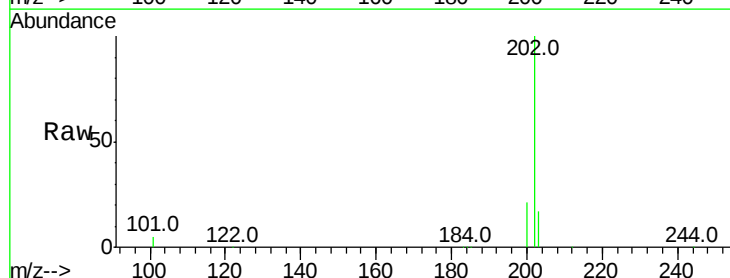
Tgt Ion:202 Resp: 316304

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

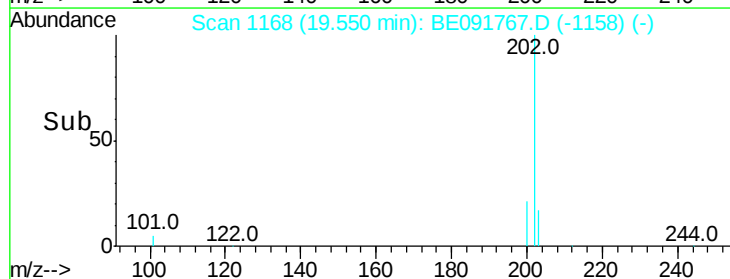
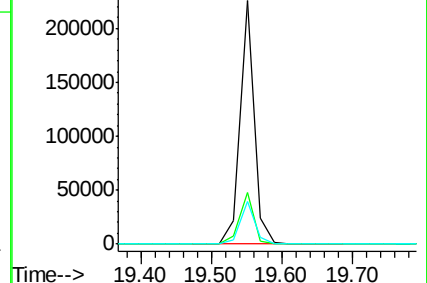
203 18.0 14.0 21.0

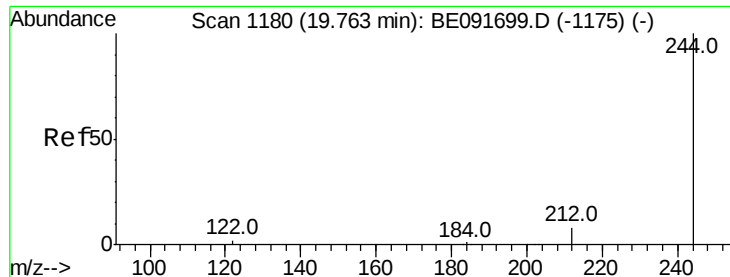


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.36 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

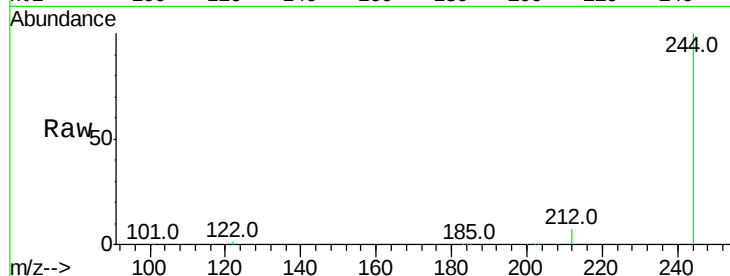
Tot Ion:244 Resp: 196155

Ion Ratio Lower Upper

244 100

212 6.7 6.9 10.3#

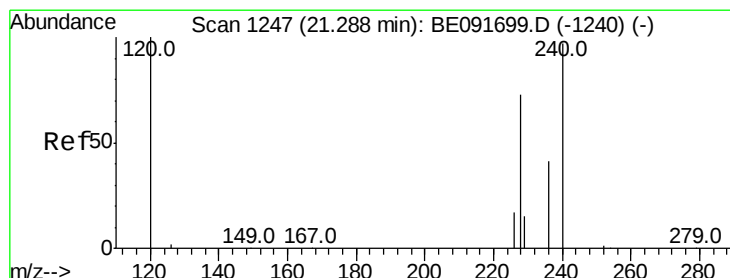
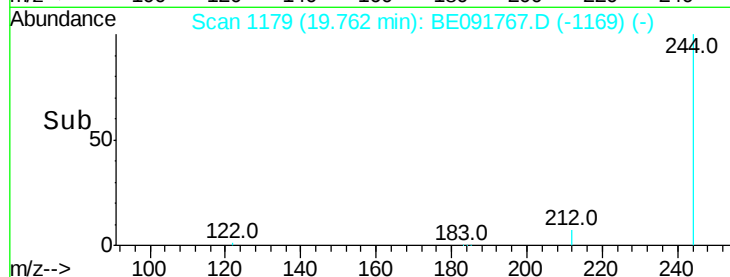
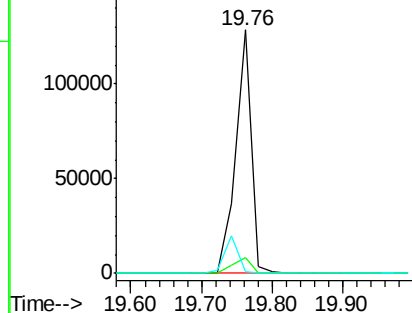
122 0.8 11.0 16.4#



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: 4.00 ng

RT: 21.29 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

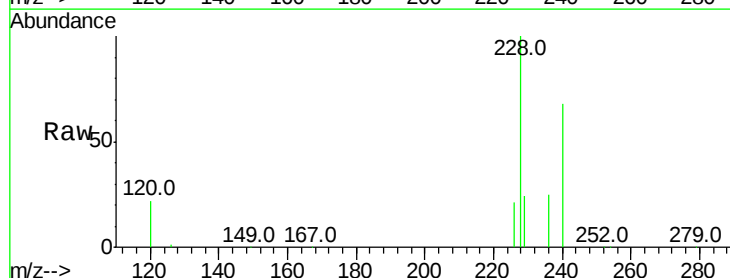
Tgt Ion:228 Resp: 281602

Ion Ratio Lower Upper

228 100

226 20.8 21.0 31.4#

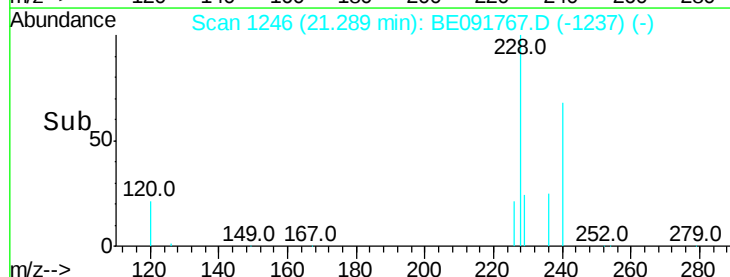
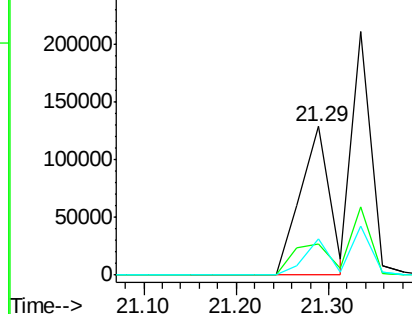
229 24.3 15.7 23.5#

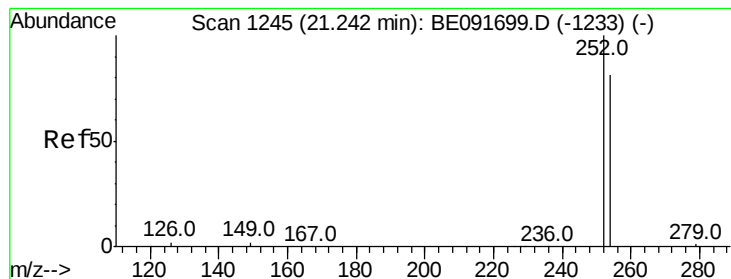


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 2.40 ng

RT: 21.22 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

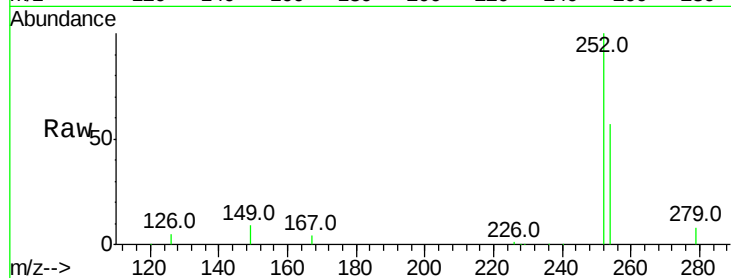
Tot Ion:252 Resp: 86358

Ion Ratio Lower Upper

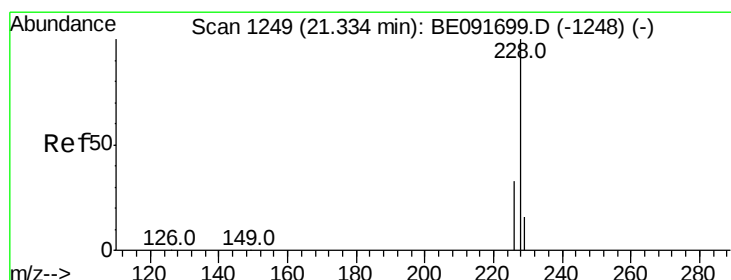
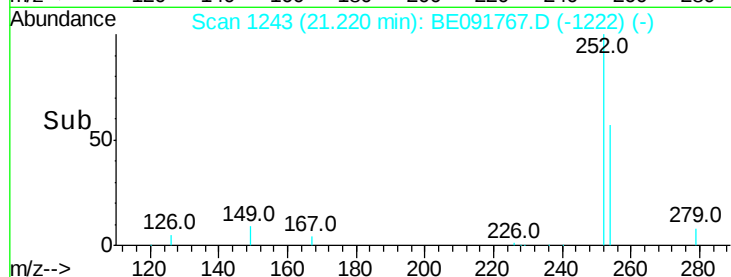
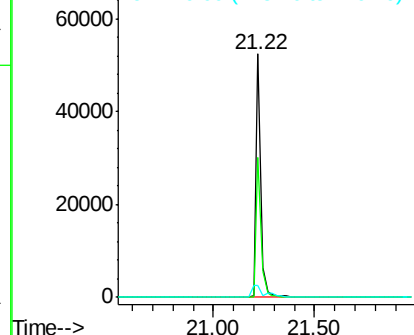
252 100

254 57.2 51.1 76.7

126 4.7 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 4.25 ng m

RT: 21.34 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

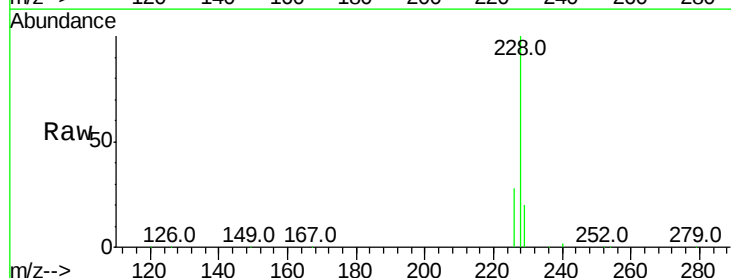
Tgt Ion:228 Resp: 311055

Ion Ratio Lower Upper

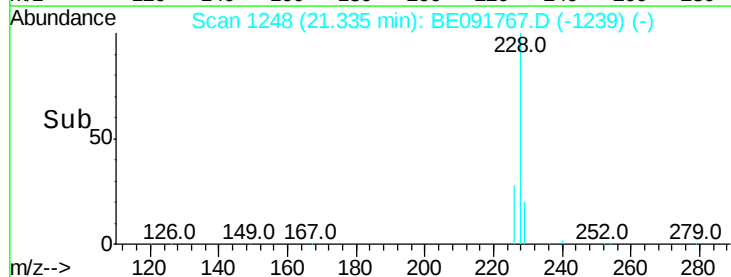
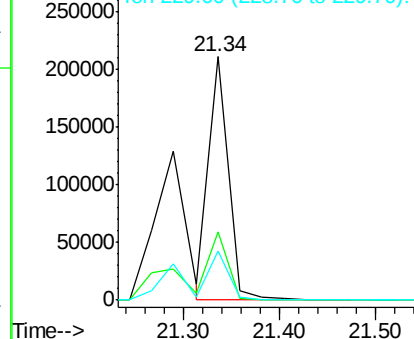
228 100

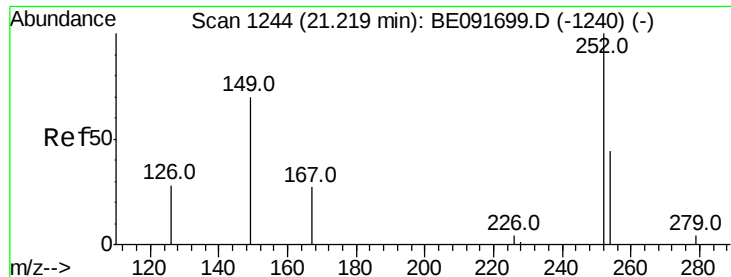
226 27.9 24.0 36.0

229 20.3 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

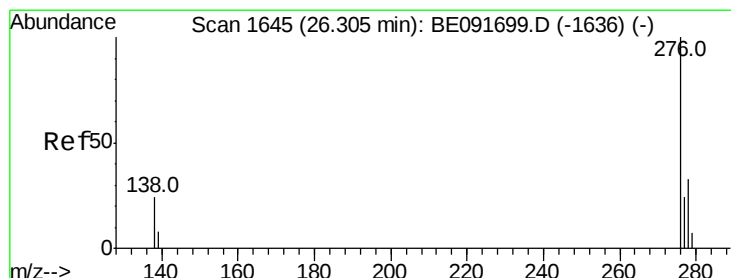
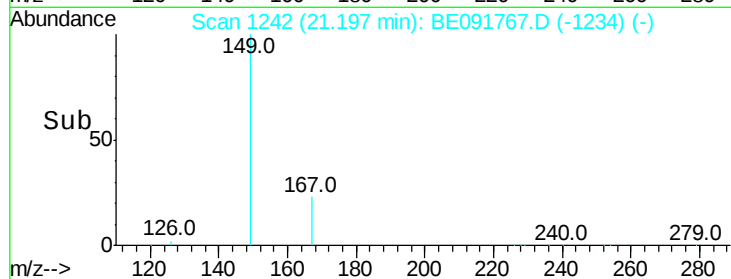
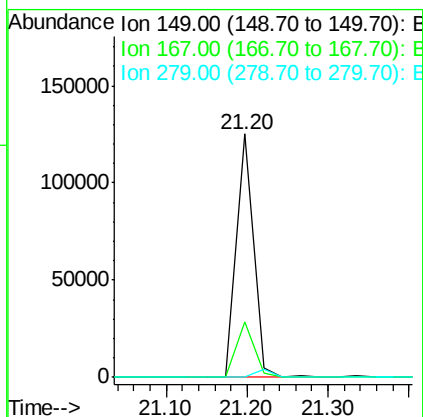
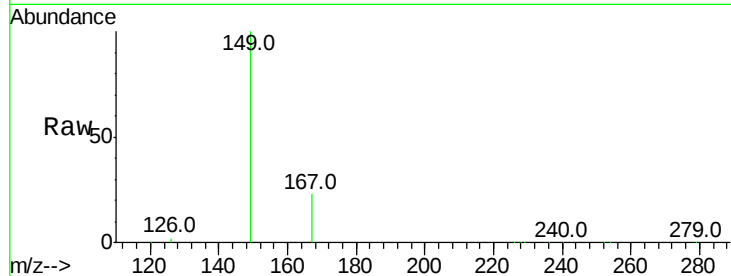




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 8.51 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091767.D
 Acq: 10 May 2016 21:46

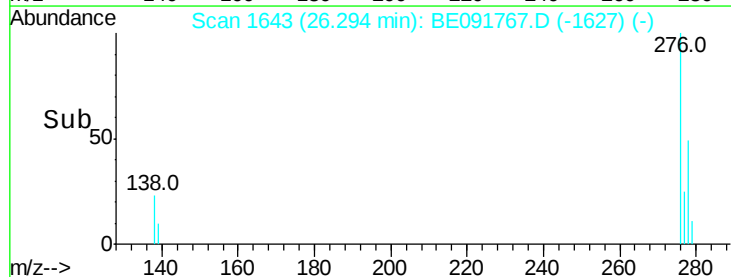
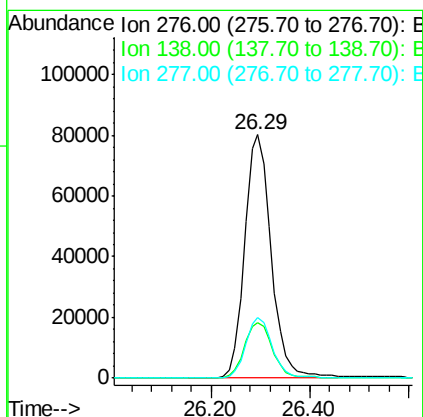
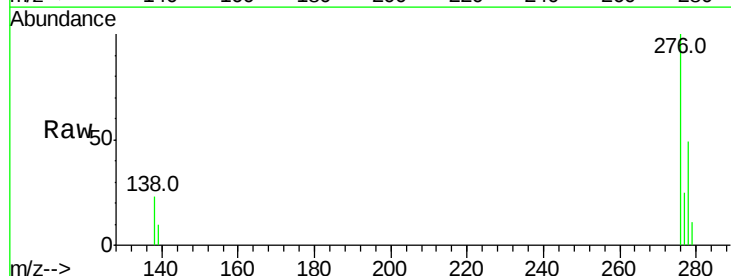
Instrument :
 BNA_E
 ClientSampleId :
 PB90364BS

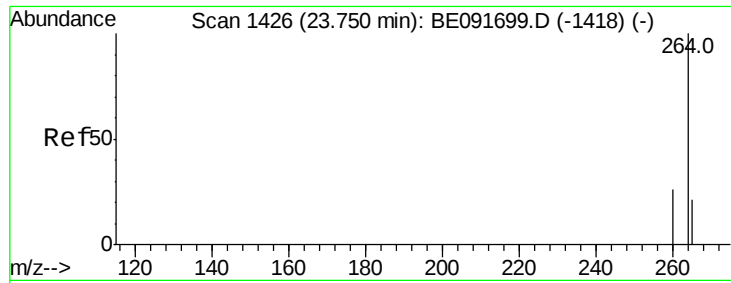
Tot Ion:149 Resp: 181618
 Ion Ratio Lower Upper
 149 100
 167 23.6 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.58 ng
 RT: 26.29 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE091767.D
 Acq: 10 May 2016 21:46

Tgt Ion:276 Resp: 298846
 Ion Ratio Lower Upper
 276 100
 138 24.2 23.4 35.2
 277 24.9 19.8 29.8

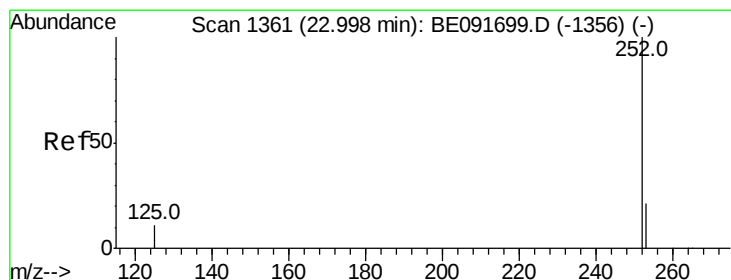
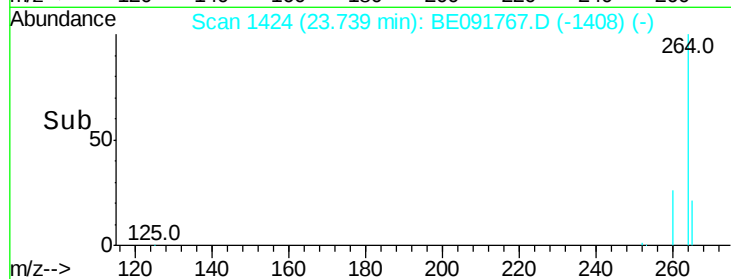
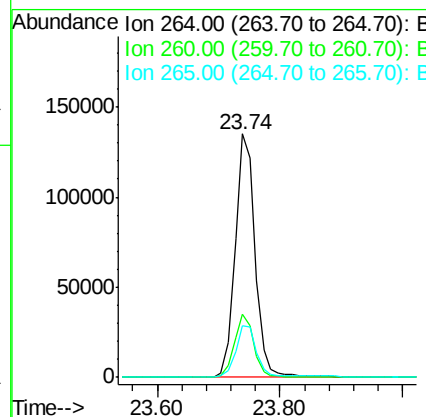
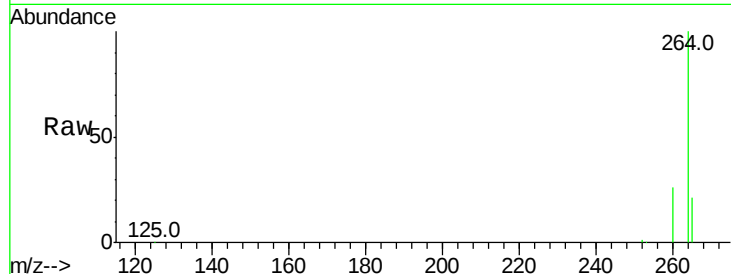




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BE091767.D
 Acq: 10 May 2016 21:46

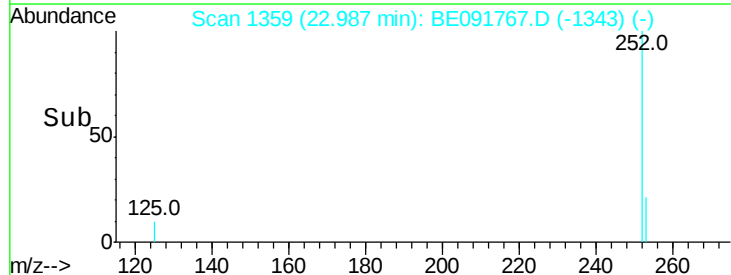
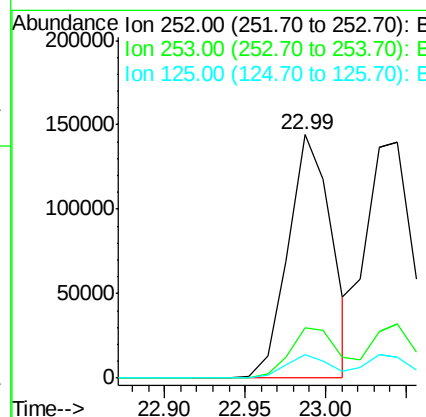
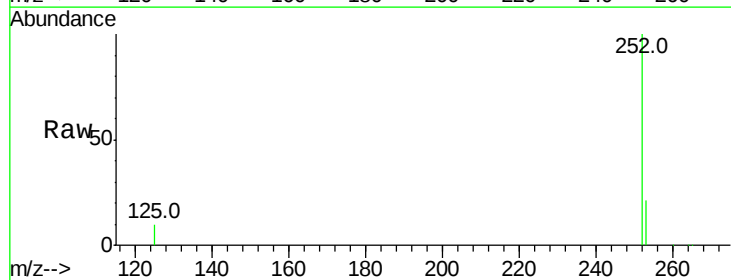
Instrument :
 BNA_E
 ClientSampleId :
 PB90364BS

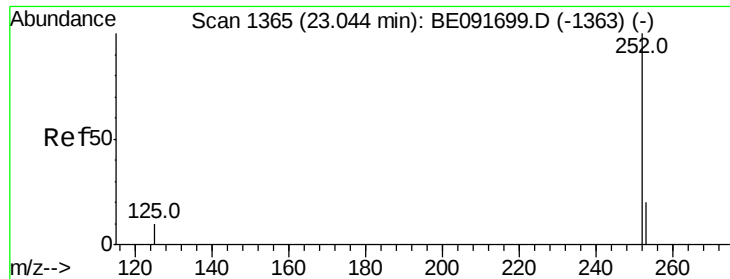
Tot Ion:264 Resp: 304397
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.0 30.0
 265 21.0 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 3.82 ng
 RT: 22.99 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BE091767.D
 Acq: 10 May 2016 21:46

Tgt Ion:252 Resp: 272450
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.4 26.0
 125 9.8 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 3.99 ng

RT: 23.04 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

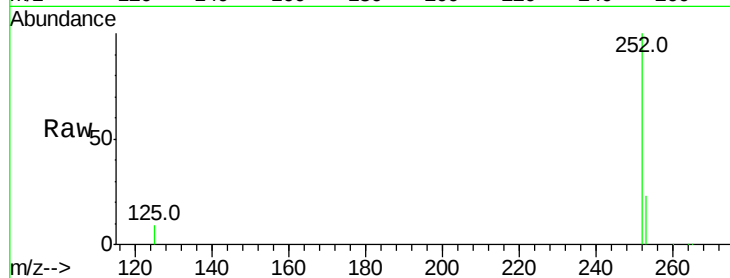
Tot Ion:252 Resp: 289159

Ion Ratio Lower Upper

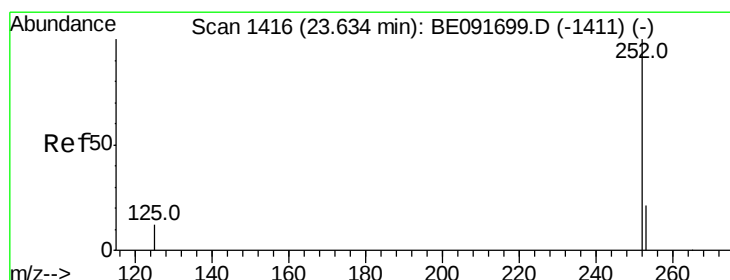
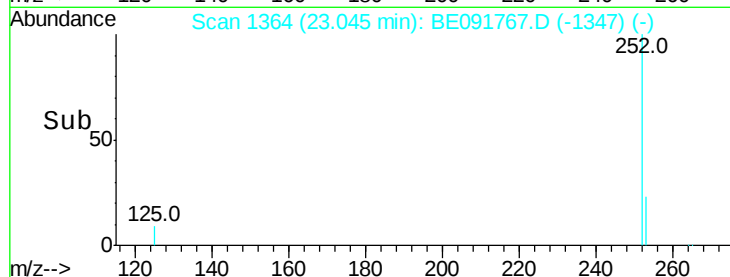
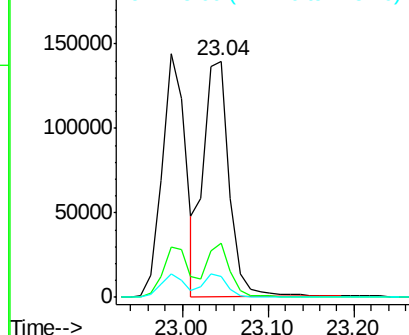
252 100

253 23.1 17.6 26.4

125 8.7 9.9 14.9#



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



#38

Benzo(a)pyrene

Concen: 3.97 ng

RT: 23.62 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

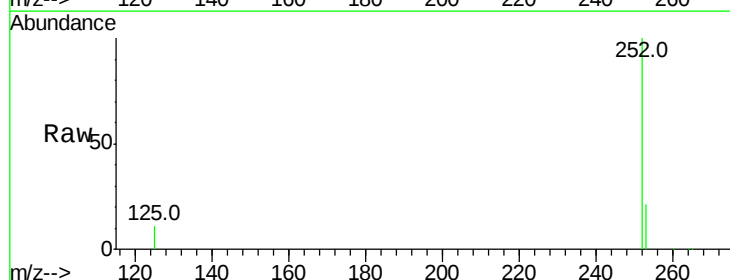
Tgt Ion:252 Resp: 266459

Ion Ratio Lower Upper

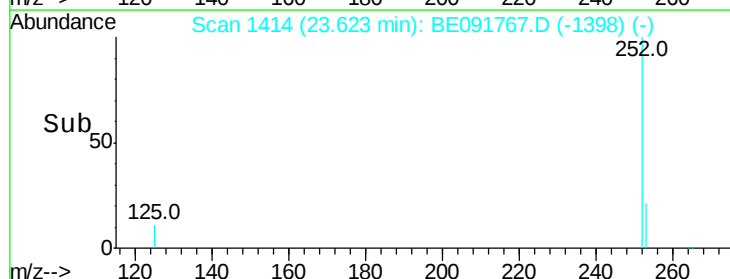
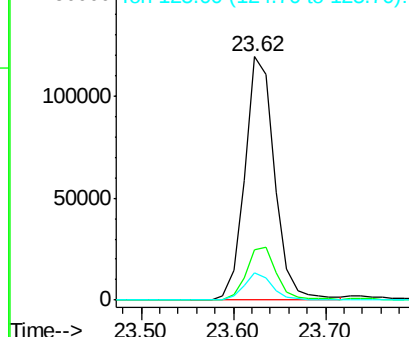
252 100

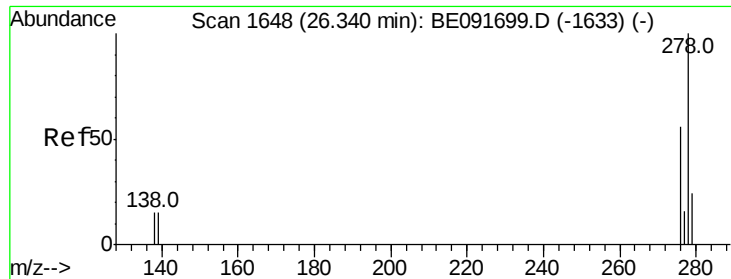
253 20.7 18.1 27.1

125 11.0 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: 3.93 ng

RT: 26.32 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

Instrument :

BNA_E

ClientSampleId :

PB90364BS

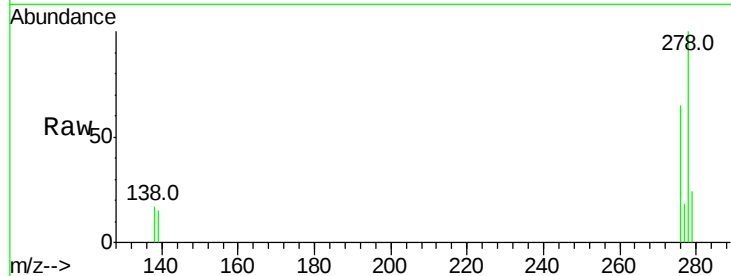
Tot Ion:278 Resp: 250232

Ion Ratio Lower Upper

278 100

139 15.0 16.0 24.0#

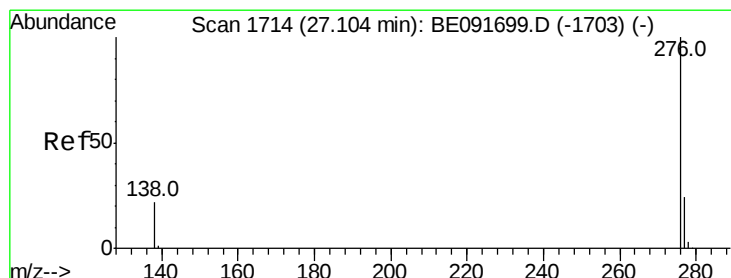
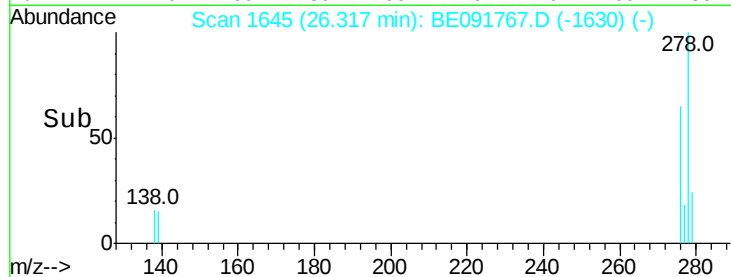
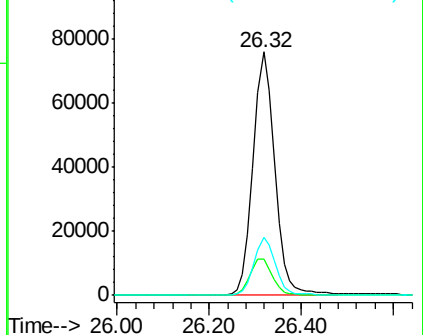
279 23.8 19.4 29.2



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: 3.88 ng

RT: 27.08 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BE091767.D

Acq: 10 May 2016 21:46

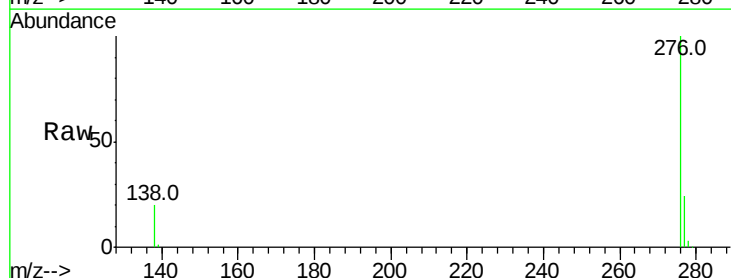
Tgt Ion:276 Resp: 250753

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 20.5 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

