

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
 Data File : BE091808.D
 Acq On : 19 May 2016 13:50
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 14:19:33 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 13:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	23093	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	120621	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	80570	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	213661	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	272399	5.00	ng	-0.02
35) Perylene-d12	23.73	264	240550	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	672	0.12	ng	0.00
5) Phenol-d6	6.97	99	873	0.12	ng	0.02
8) Nitrobenzene-d5	8.96	82	804	0.10	ng	0.01
14) 2,4,6-Tribromophenol	15.90	330	292	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	2653	0.12	ng	0.00
29) Terphenyl-d14	19.74	244	4205	0.10	ng	-0.02

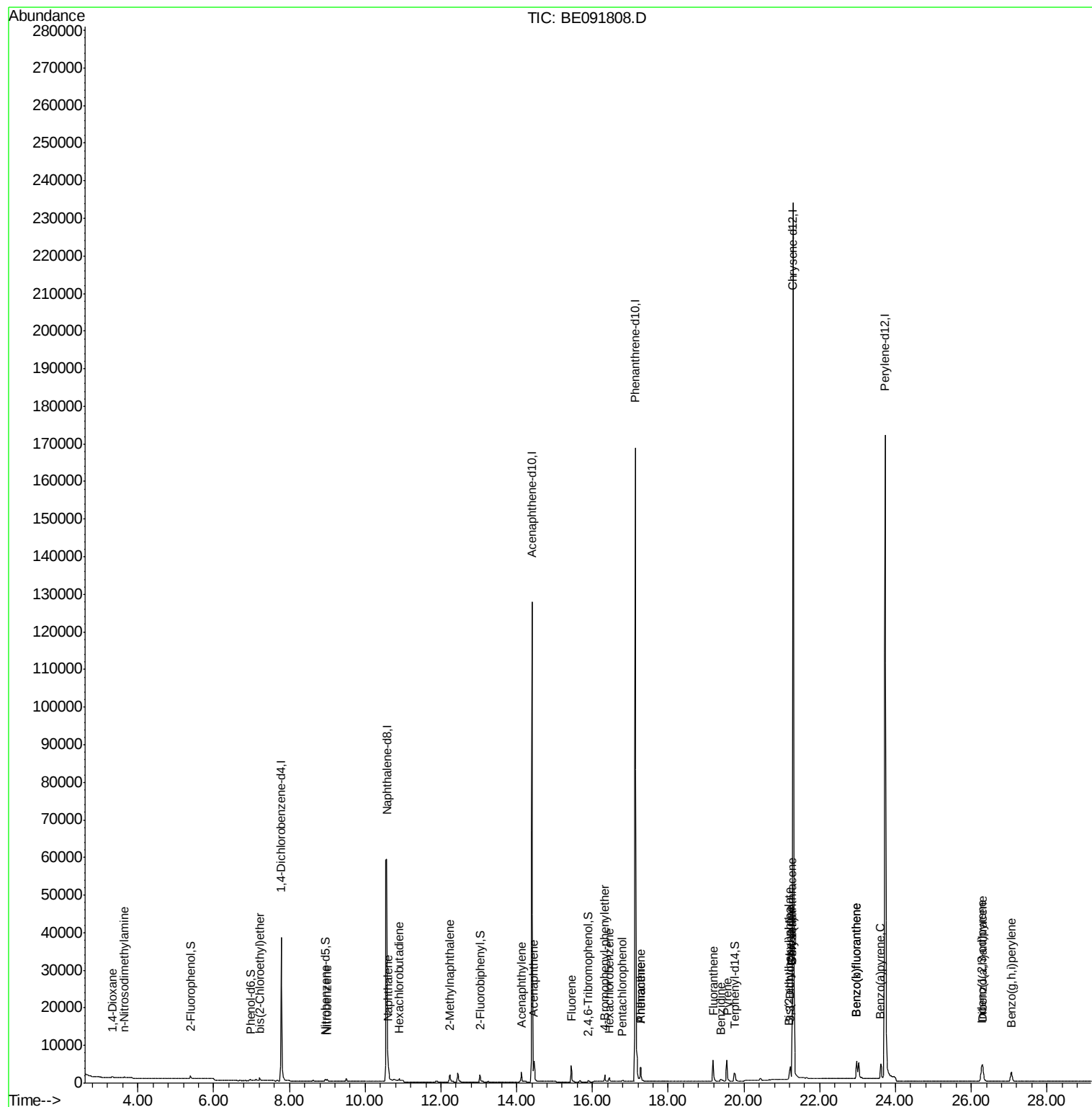
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	416	0.12	ng	90
3) n-Nitrosodimethylamine	3.64	42	405	0.10	ng	# 91
6) bis(2-Chloroethyl)ether	7.21	93	727	0.11	ng	# 81
9) Nitrobenzene	8.99	77	802	0.10	ng	# 91
10) Naphthalene	10.61	128	3241	0.13	ng	95
11) Hexachlorobutadiene	10.90	225	1054	0.29	ng	# 84
12) 2-Methylnaphthalene	12.24	142	2054	0.13	ng	97
16) Acenaphthylene	14.12	152	4575	0.15	ng	# 86
17) Acenaphthene	14.46	154	2524	0.13	ng	86
18) Fluorene	15.44	166	3133	0.13	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	925	0.12	ng	96
21) Hexachlorobenzene	16.45	284	1022	0.13	ng	98
22) Pentachlorophenol	16.79	266	317	0.09	ng	94
23) Phenanthrene	17.28	178	4948	0.10	ng	99
24) Anthracene	17.28	178	5255	0.12	ng	99
25) Fluoranthene	19.19	202	6549	0.13	ng	# 96
27) Benzidine	19.38	184	1458	0.09	ng	93
28) Pyrene	19.55	202	6818	0.11	ng	100
30) Benzo(a)anthracene	21.27	228	15312	0.23	ng	95
31) 3,3'-Dichlorobenzidine	21.22	252	3910	0.12	ng	# 93
32) Chrysene	21.27	228	15406	0.22	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	2387	0.12	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.27	276	7587	0.12	ng	95
36) Benzo(b)fluoranthene	22.98	252	6748	0.12	ng	# 92
37) Benzo(k)fluoranthene	22.98	252	6748	0.12	ng	92
38) Benzo(a)pyrene	23.61	252	6363	0.12	ng	# 90
39) Dibenzo(a,h)anthracene	26.30	278	6263	0.12	ng	94
40) Benzo(g,h,i)perylene	27.06	276	6652	0.13	ng	96

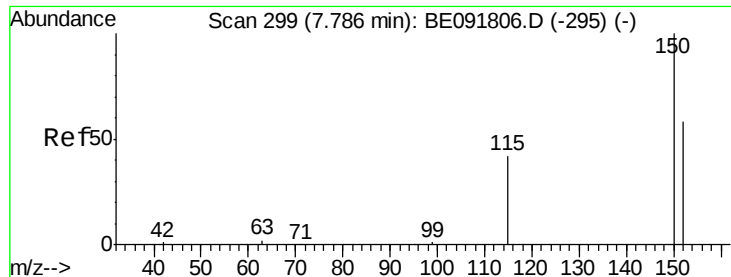
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
Data File : BE091808.D
Acq On : 19 May 2016 13:50
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 14:19:33 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 13:11:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampled :

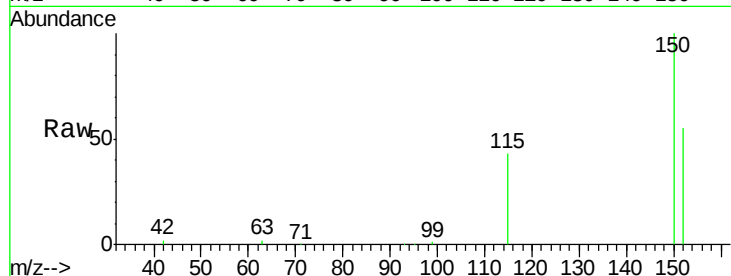
Tot Ion:152 Resp: 23093

Ion Ratio Lower Upper

152 100

150 180.2 122.6 183.8

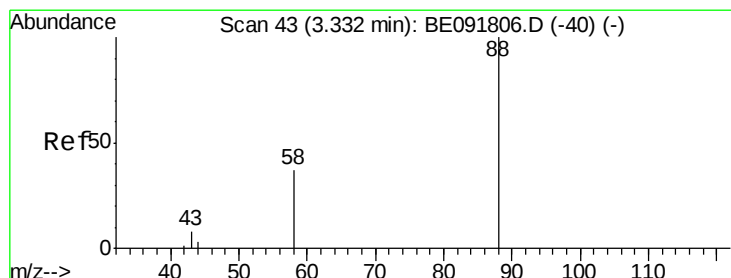
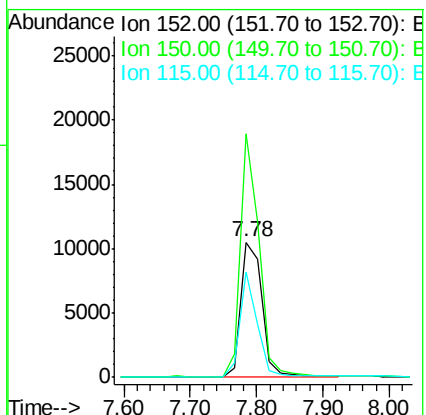
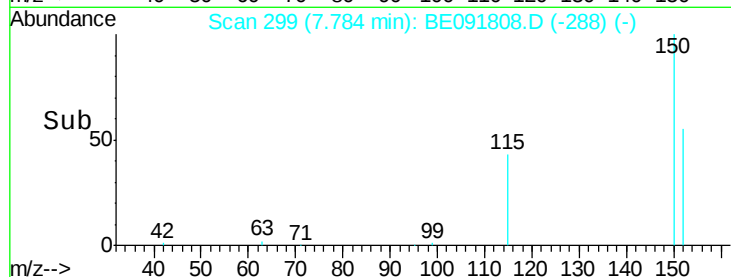
115 78.1 52.8 79.2



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: 0.12 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

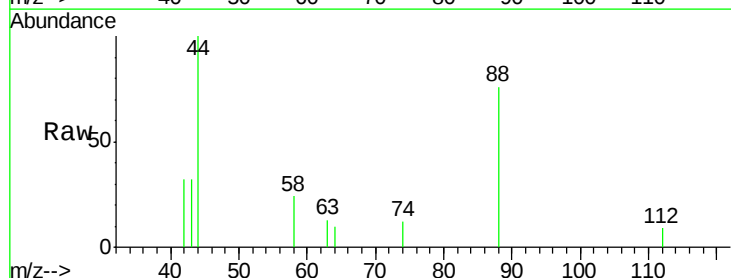
Tgt Ion: 88 Resp: 416

Ion Ratio Lower Upper

88 100

58 70.4 65.8 98.6

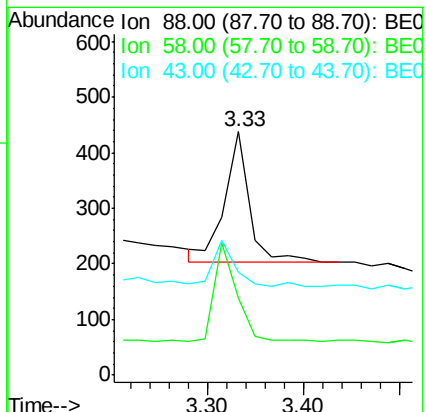
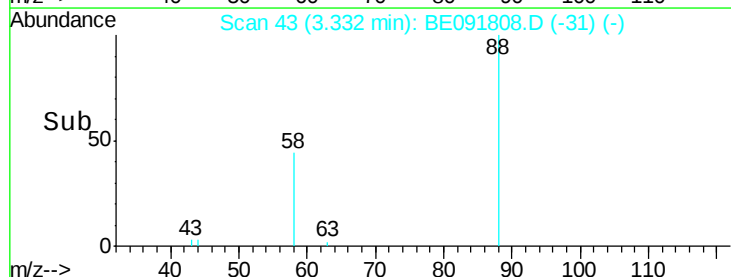
43 31.7 25.3 37.9

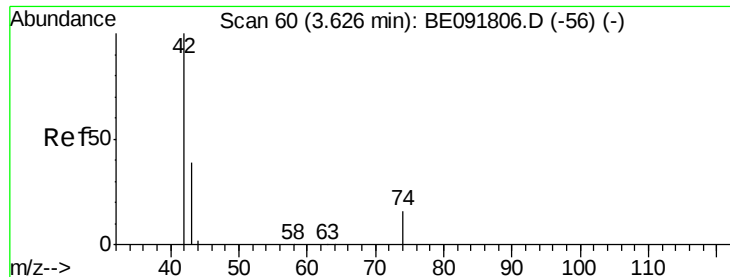


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



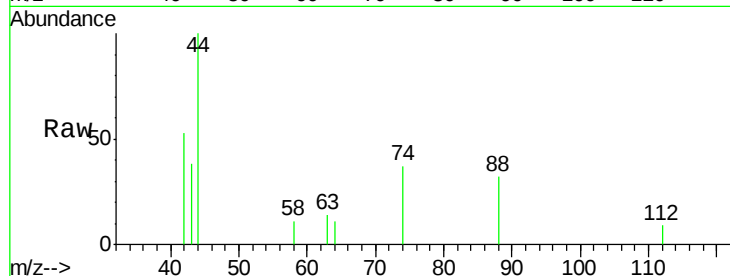


#3

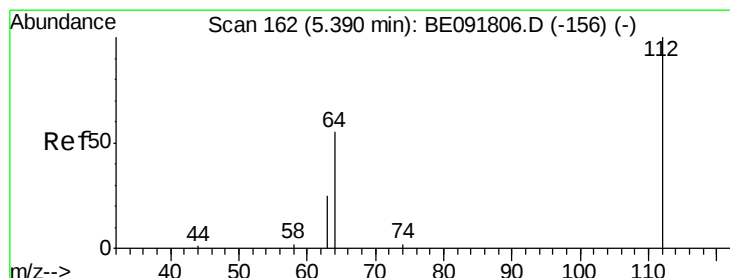
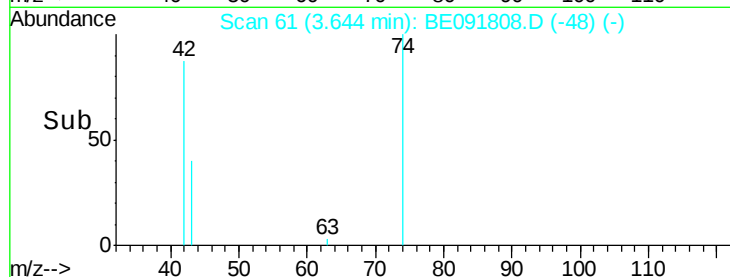
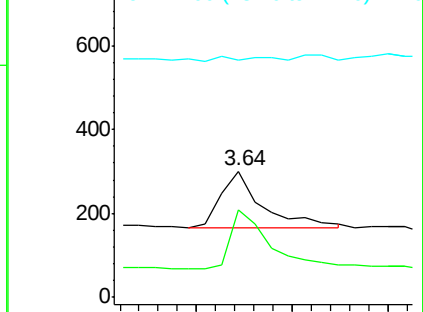
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.64 min Scan# 61
Delta R.T. 0.02 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
74 101.5 87.9 131.9
44 0.0 6.6 9.8#



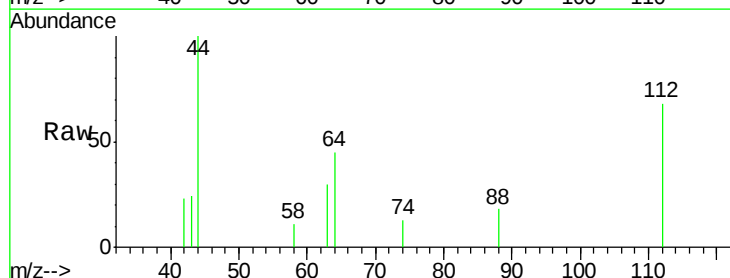
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



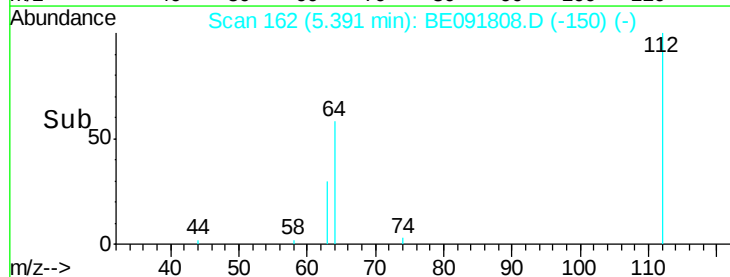
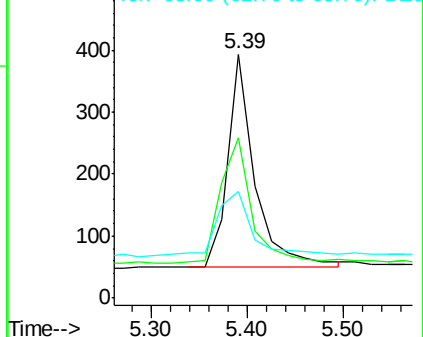
#4

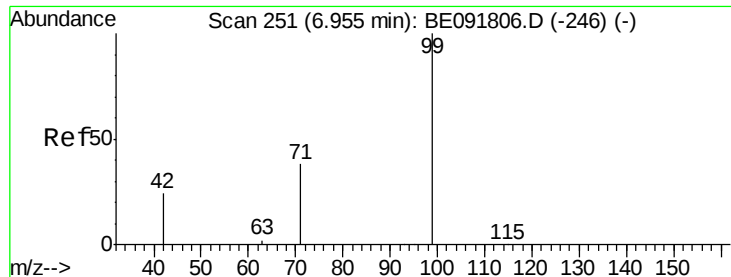
2-Fluorophenol
Concen: 0.12 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Tgt Ion: 112 Resp: 672
Ion Ratio Lower Upper
112 100
64 67.6 30.9 46.3#
63 41.5 16.7 25.1#



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: 0.12 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

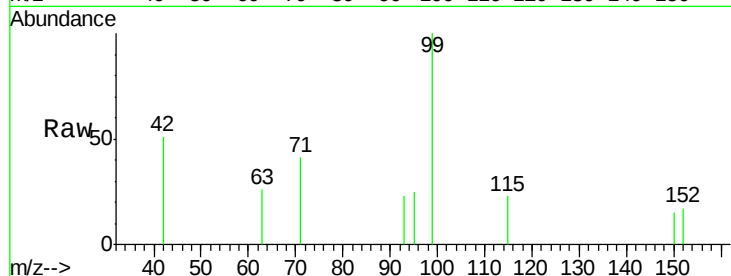
Tot Ion: 99 Resp: 873

Ion Ratio Lower Upper

99 100

42 27.7 16.2 24.2#

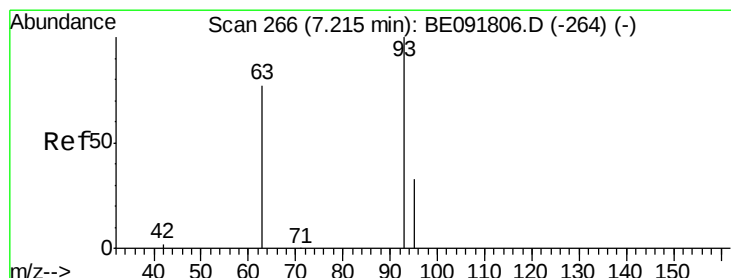
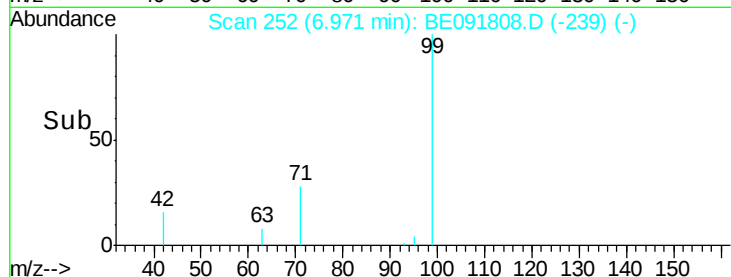
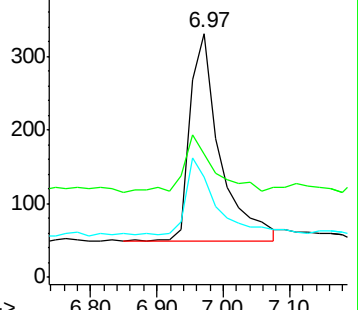
71 36.4 29.0 43.4



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: 0.11 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

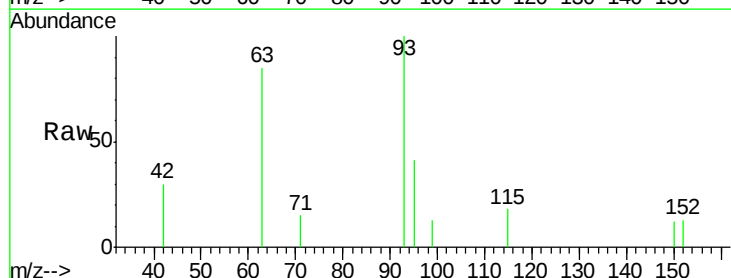
Tgt Ion: 93 Resp: 727

Ion Ratio Lower Upper

93 100

63 81.0 49.5 74.3#

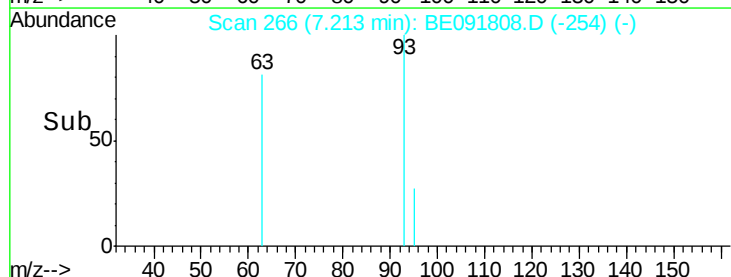
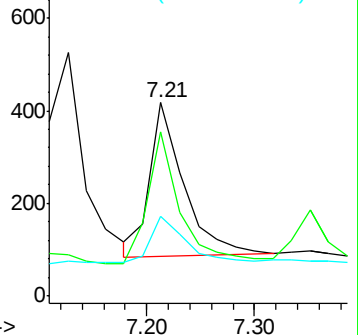
95 31.6 22.2 33.4

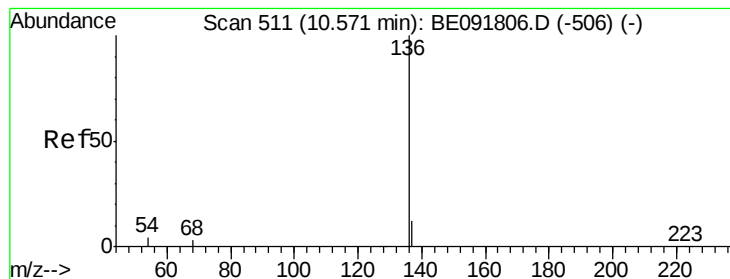


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 120621

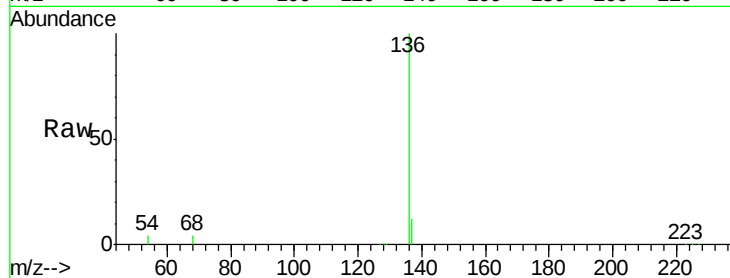
Ion Ratio Lower Upper

136 100

137 12.1 8.9 13.3

54 4.2 8.2 12.4#

68 3.5 6.2 9.4#

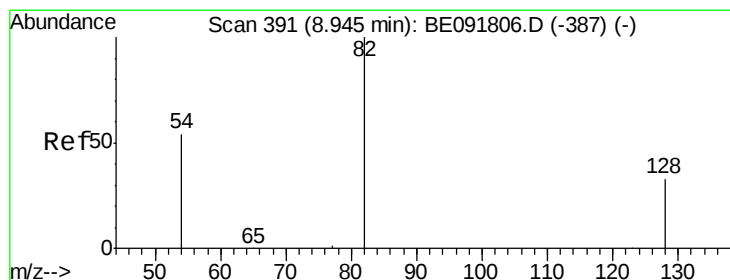
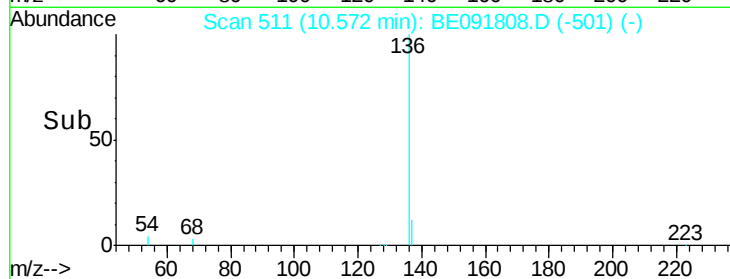
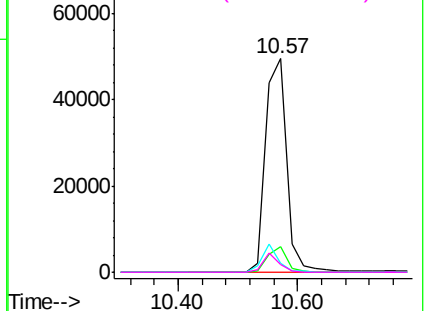


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.10 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

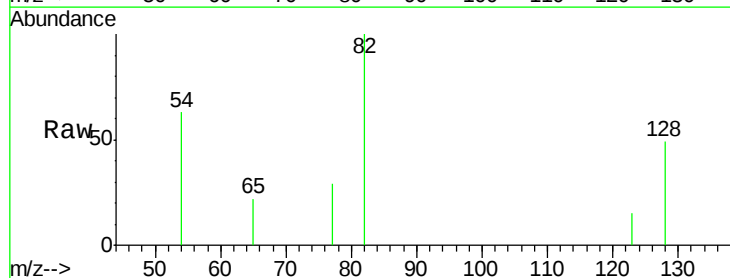
Tgt Ion: 82 Resp: 804

Ion Ratio Lower Upper

82 100

128 49.4 25.4 38.0#

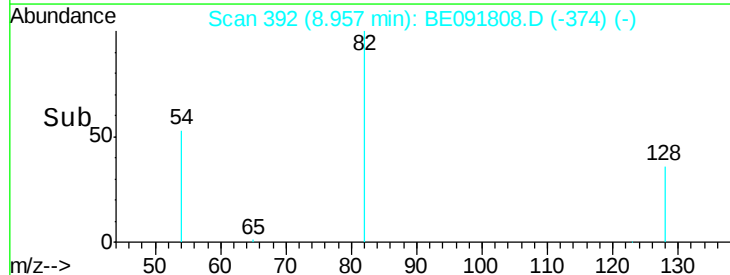
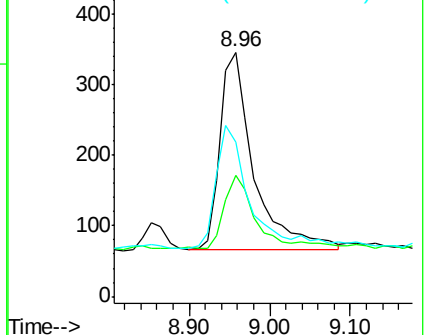
54 63.0 48.4 72.6

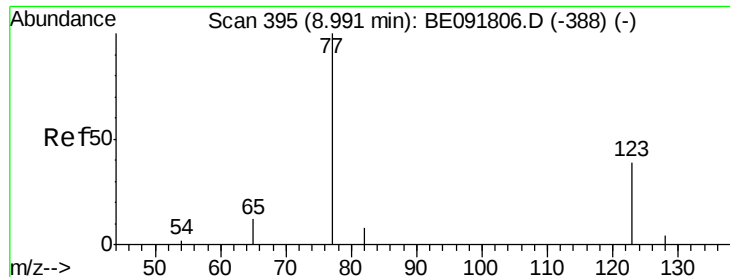


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.10 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampled :

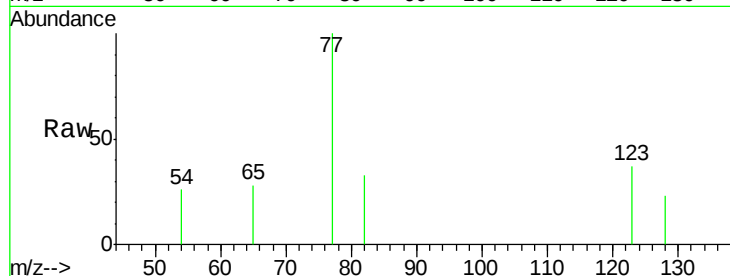
Tot Ion: 77 Resp: 802

Ion Ratio Lower Upper

77 100

123 39.4 26.9 40.3

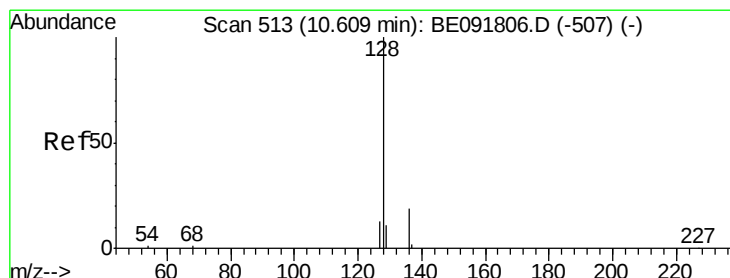
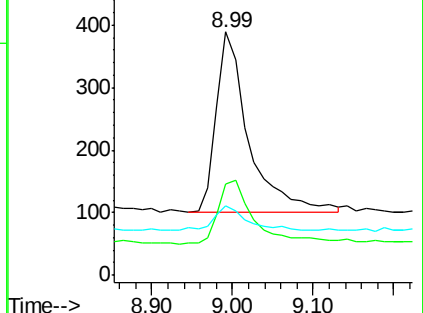
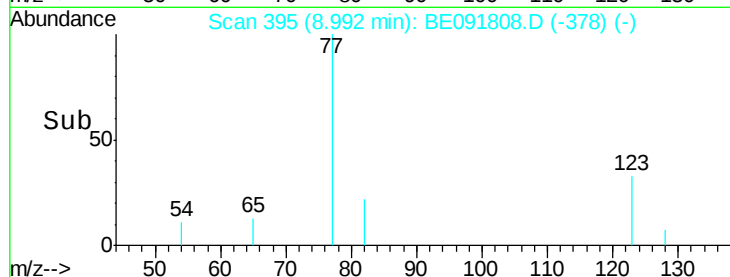
65 14.6 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.13 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

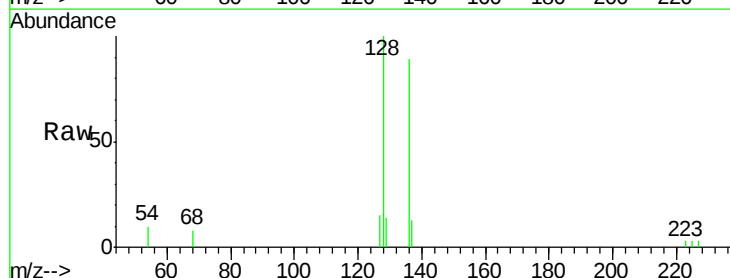
Tgt Ion: 128 Resp: 3241

Ion Ratio Lower Upper

128 100

129 13.9 9.3 13.9

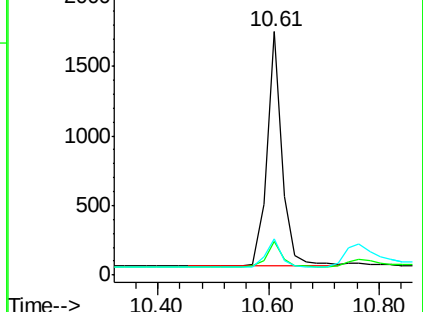
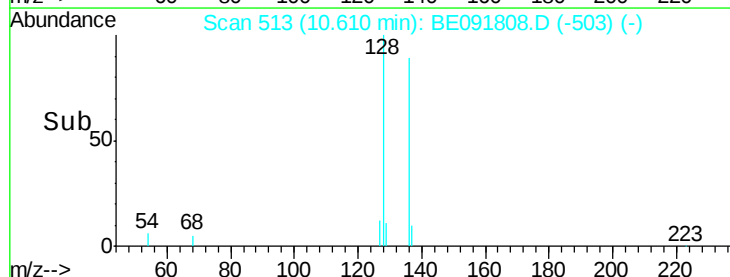
127 15.0 10.7 16.1

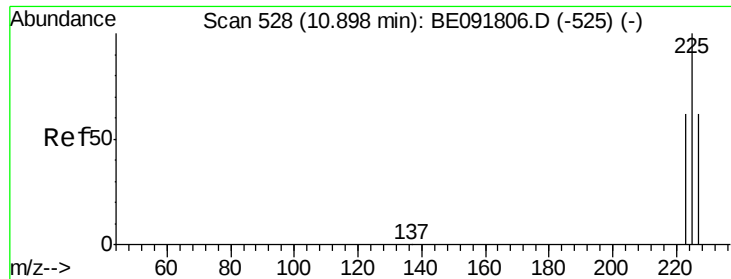


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

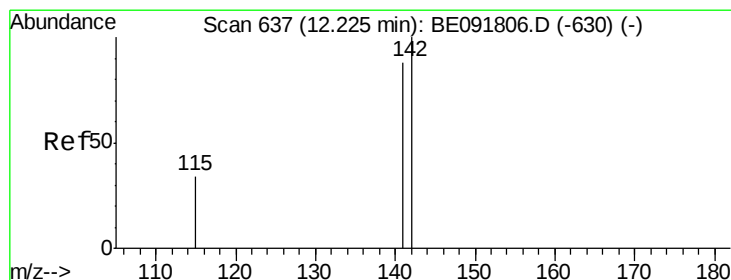
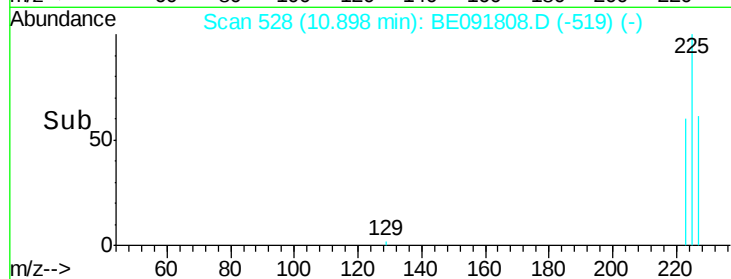
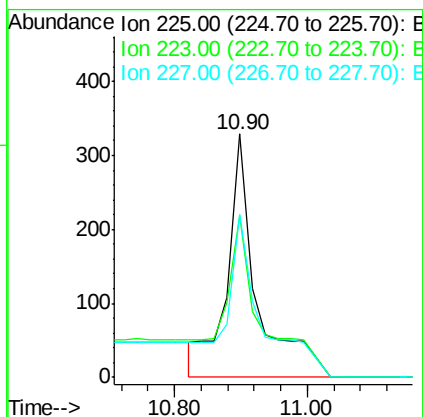
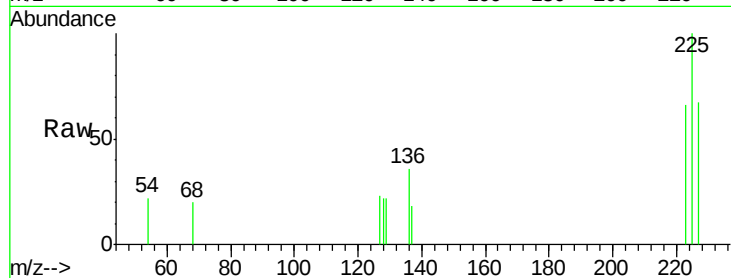




#11
Hexachlorobutadiene
Concen: 0.29 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

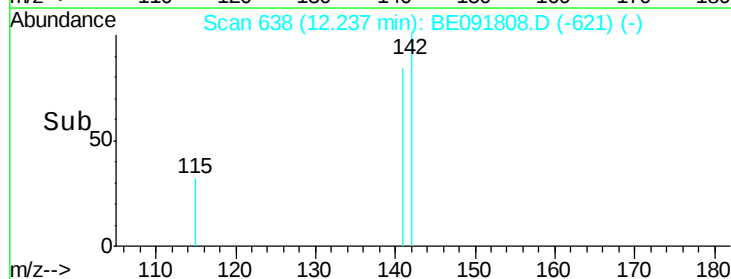
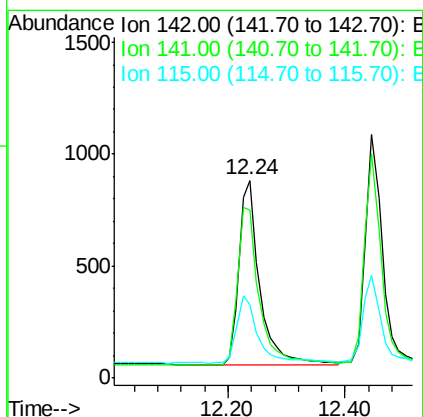
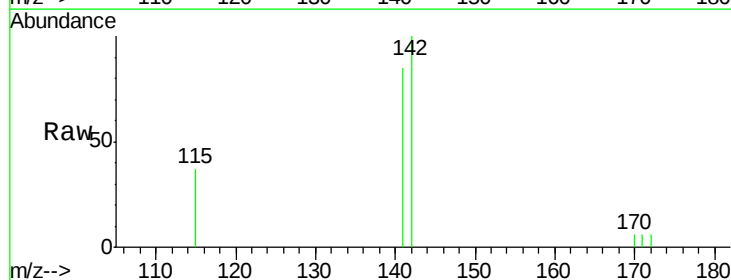
Instrument :
BNA_E
ClientSampleId :

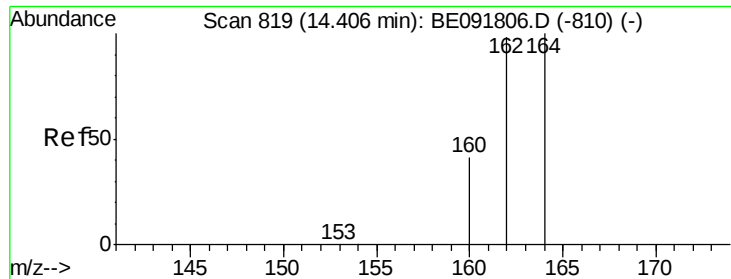
Tot Ion:225 Resp: 1054
Ion Ratio Lower Upper
225 100
223 78.6 49.0 73.6#
227 70.2 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Tgt Ion:142 Resp: 2054
Ion Ratio Lower Upper
142 100
141 85.2 71.4 107.0
115 37.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

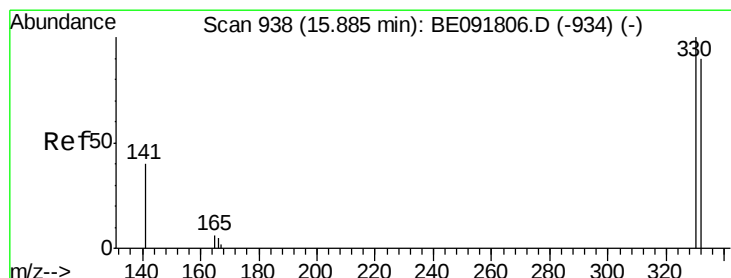
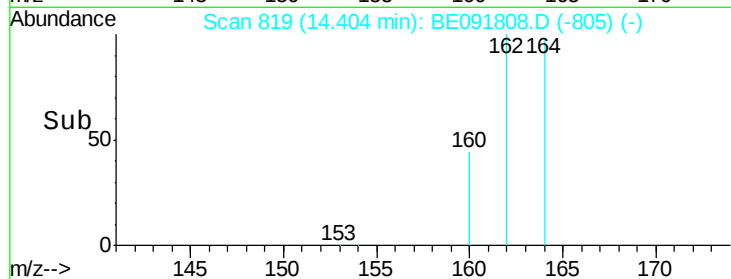
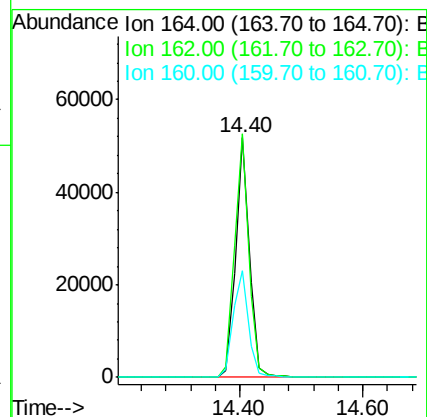
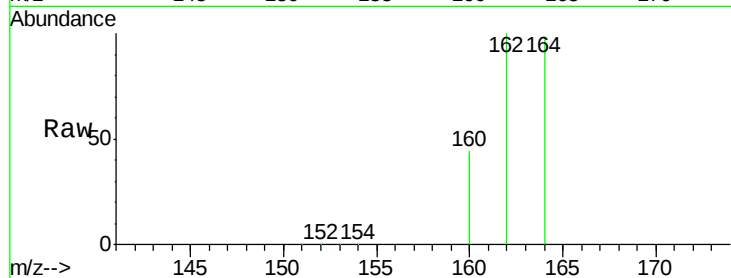
Tot Ion:164 Resp: 80570

Ion Ratio Lower Upper

164 100

162 101.7 85.3 127.9

160 44.8 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.12 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

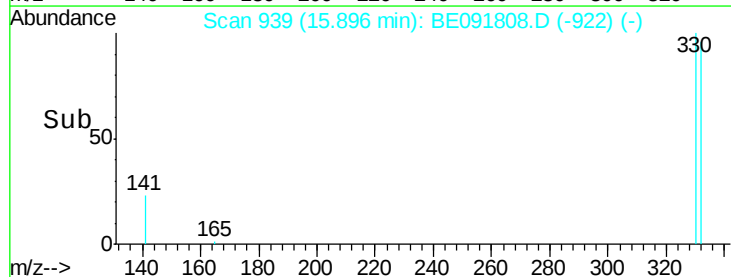
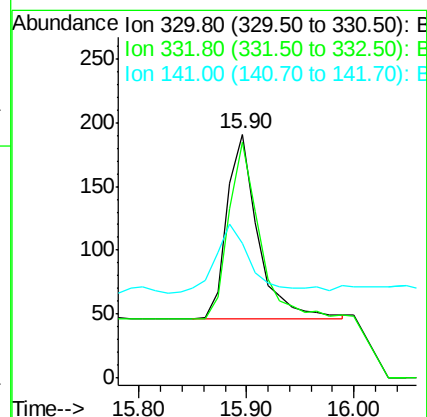
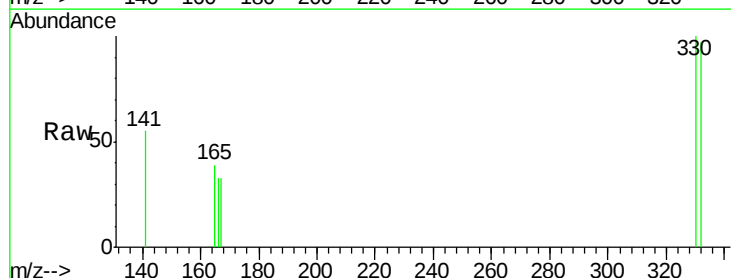
Tgt Ion:330 Resp: 292

Ion Ratio Lower Upper

330 100

332 95.2 79.1 118.7

141 42.1 125.4 188.0#

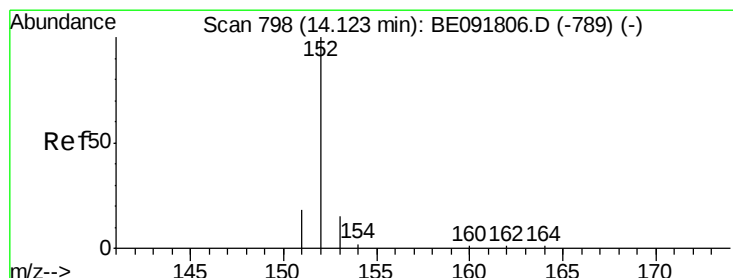
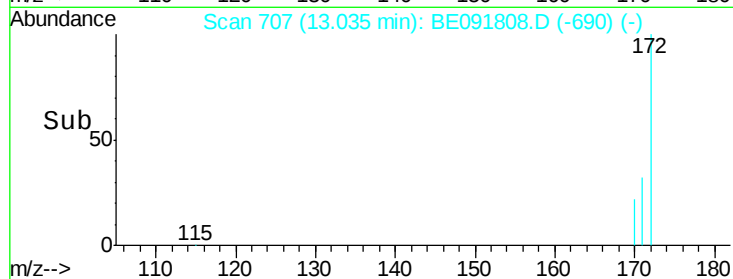
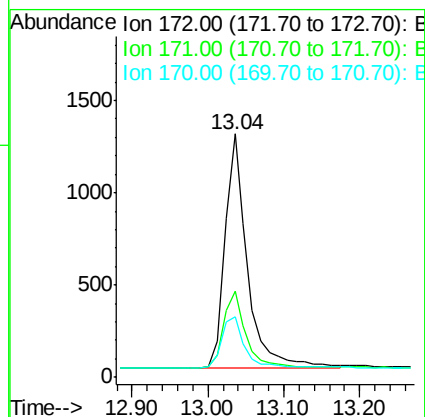
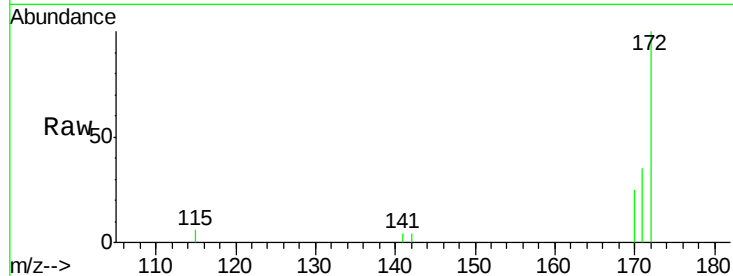




#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

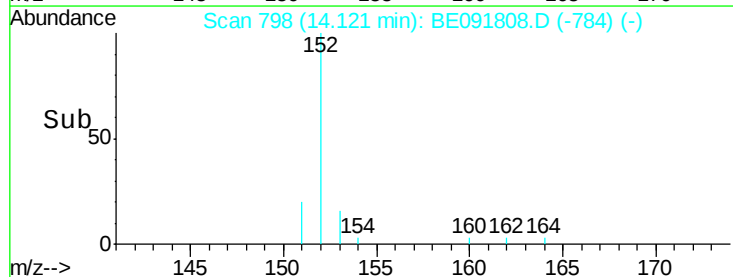
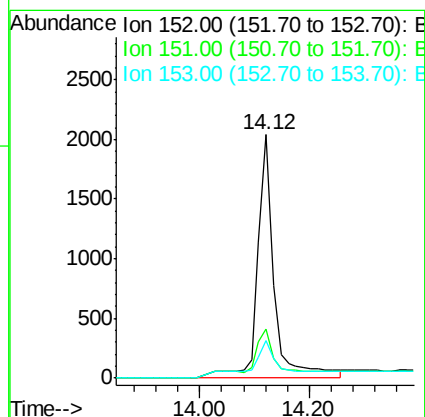
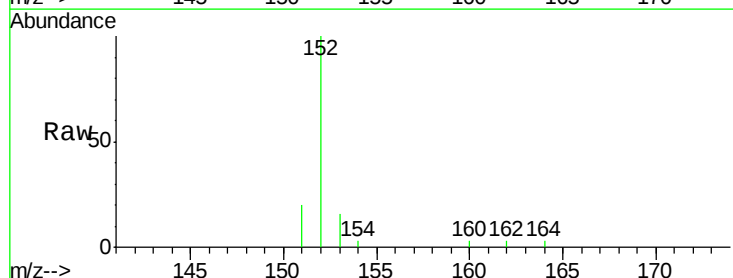
Instrument :
BNA_E
ClientSampleId :

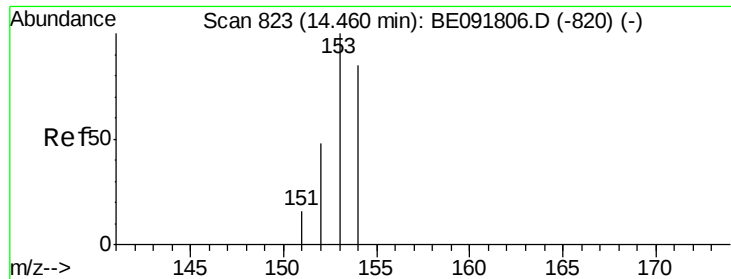
Tot Ion:172 Resp: 2653
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 25.0 19.3 28.9



#16
Acenaphthylene
Concen: 0.15 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Tgt Ion:152 Resp: 4575
Ion Ratio Lower Upper
152 100
151 18.9 3.9 5.9#
153 14.2 10.3 15.5

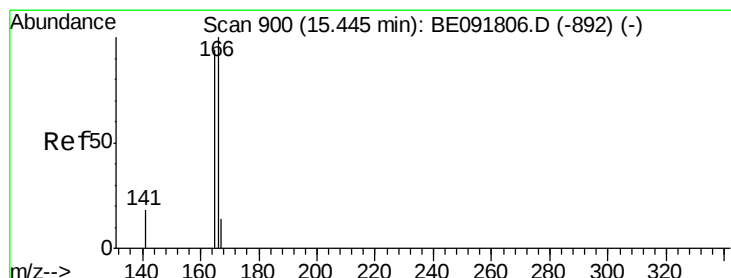
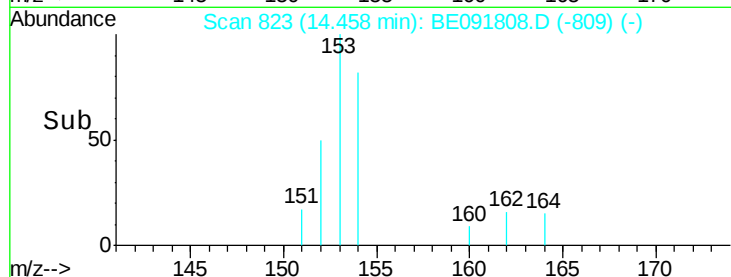
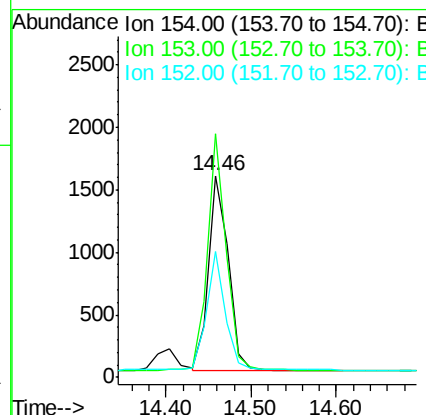
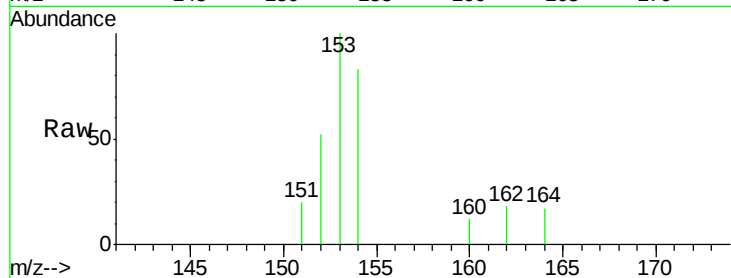




#17
Acenaphthene
Concen: 0.13 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

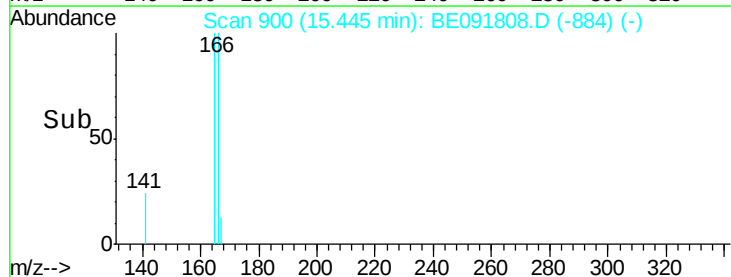
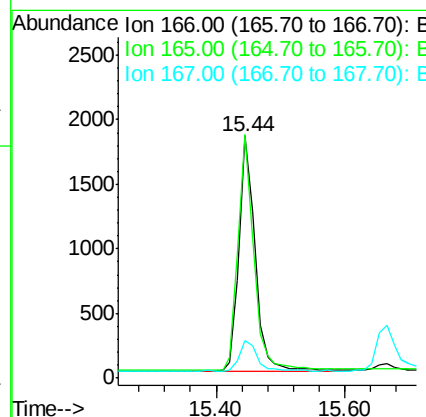
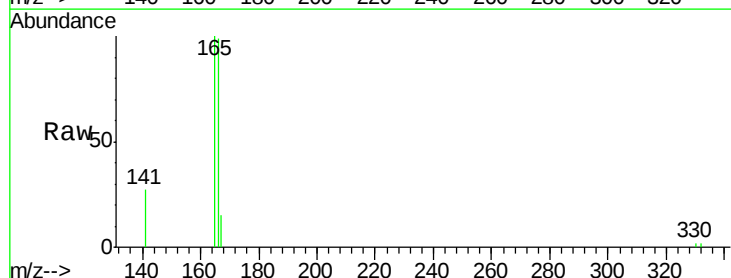
Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2524
Ion Ratio Lower Upper
154 100
153 116.0 80.0 120.0
152 57.8 40.0 60.0



#18
Fluorene
Concen: 0.13 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Tgt Ion:166 Resp: 3133
Ion Ratio Lower Upper
166 100
165 98.5 80.8 121.2
167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

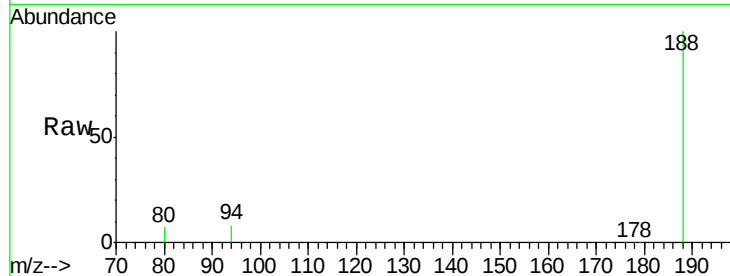
Tot Ion:188 Resp: 213661

Ion Ratio Lower Upper

188 100

94 7.7 8.7 13.1#

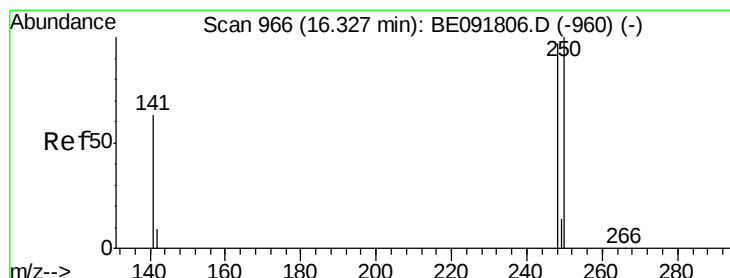
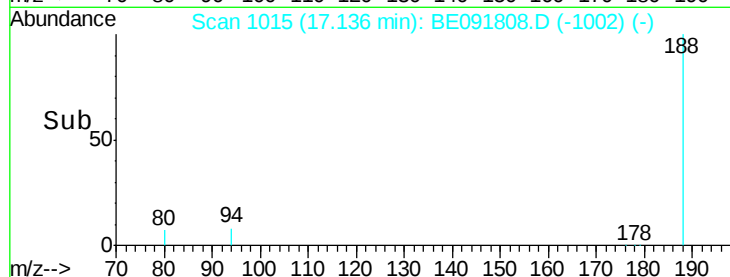
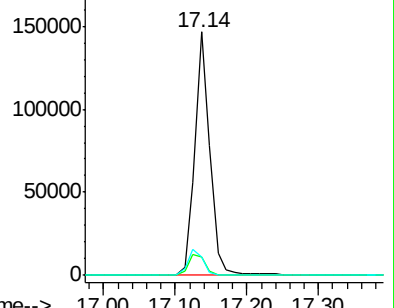
80 7.3 9.4 14.0#



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: 0.12 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

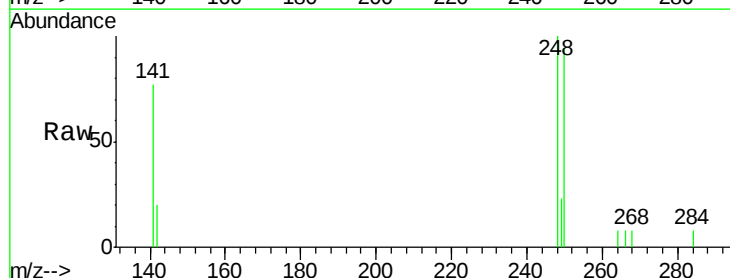
Tgt Ion:248 Resp: 925

Ion Ratio Lower Upper

248 100

250 102.3 80.5 120.7

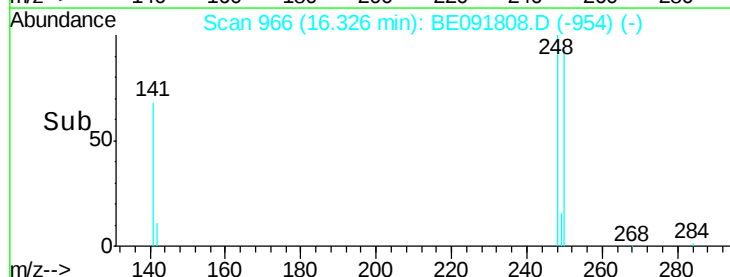
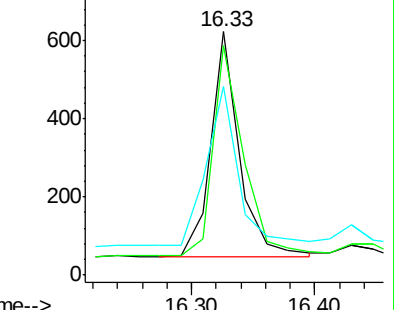
141 83.9 72.0 108.0

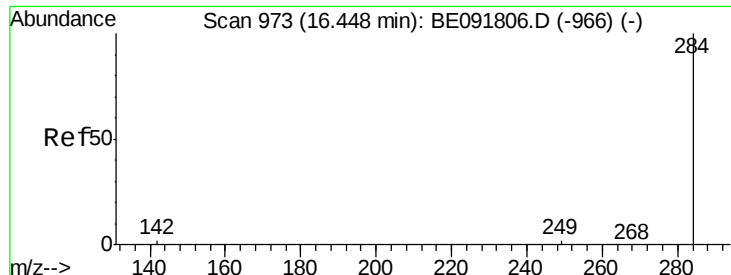


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

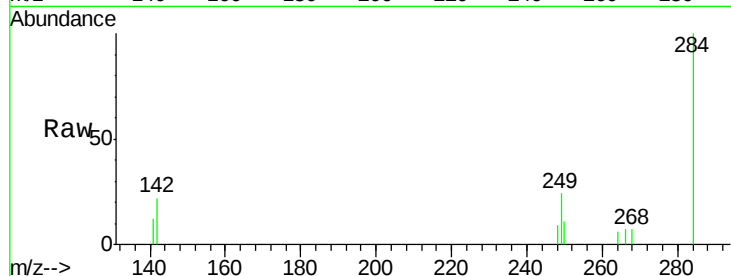




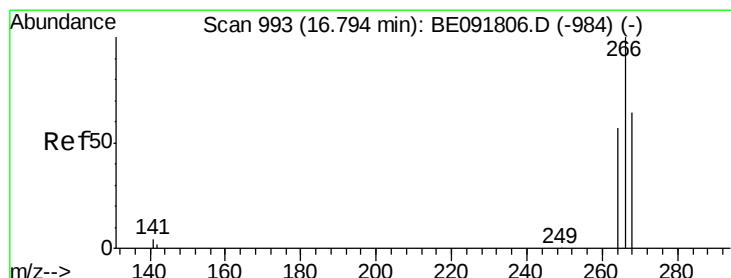
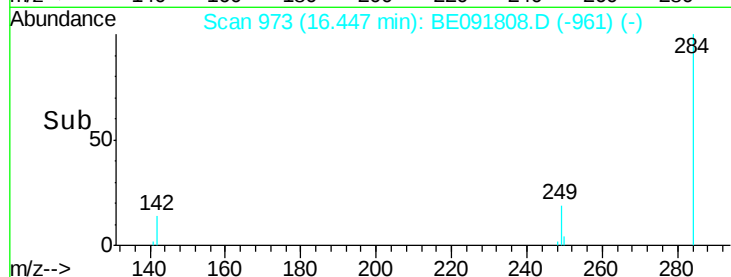
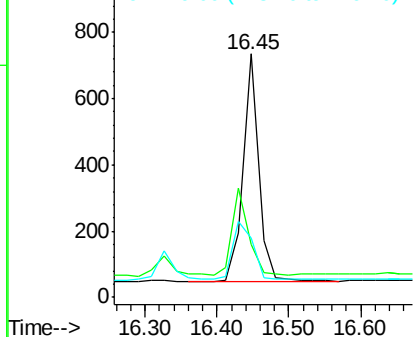
#21
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1022
Ion Ratio Lower Upper
284 100
142 39.6 32.2 48.2
249 33.8 25.4 38.2

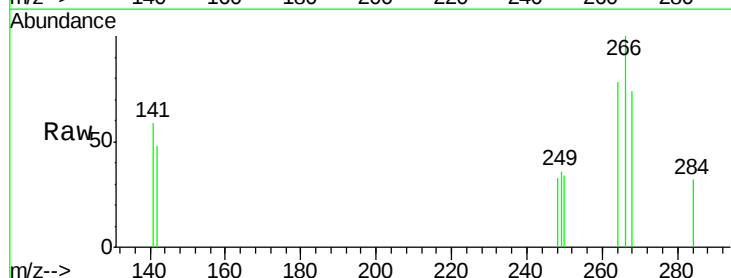


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

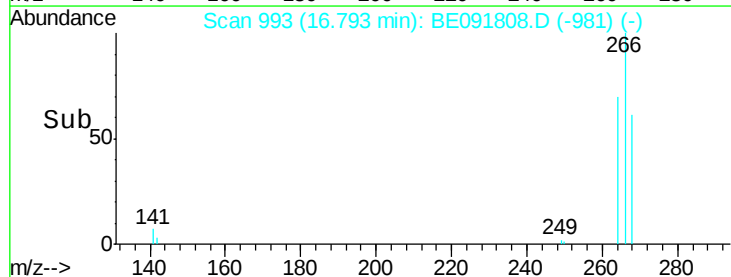
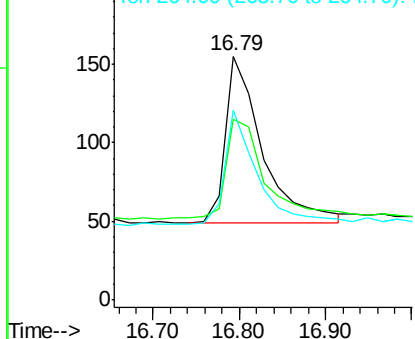


#22
Pentachlorophenol
Concen: 0.09 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Tgt Ion:266 Resp: 317
Ion Ratio Lower Upper
266 100
268 74.2 58.2 87.2
264 78.1 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: 0.10 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.09 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

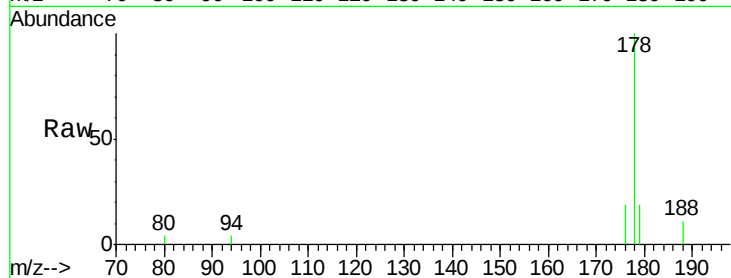
Tot Ion:178 Resp: 4948

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

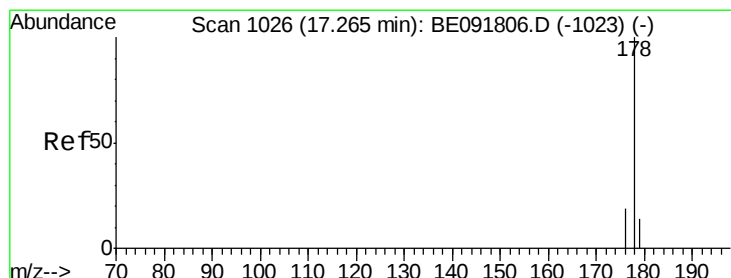
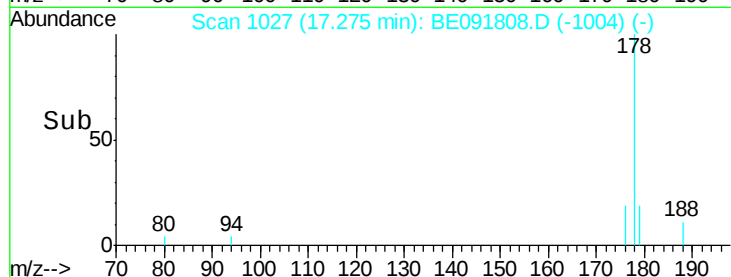
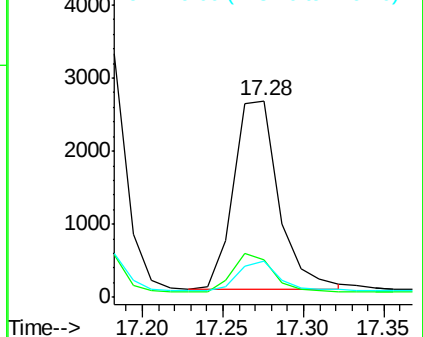
179 15.2 12.6 18.8



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: 0.12 ng

RT: 17.28 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

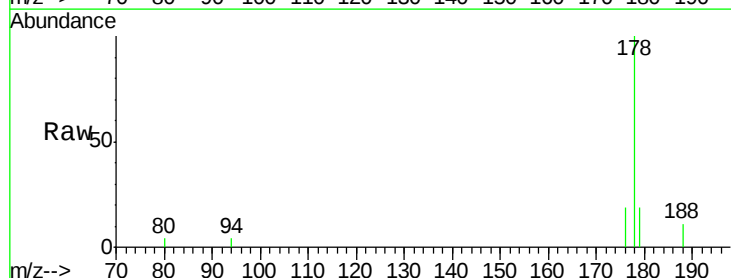
Tgt Ion:178 Resp: 5255

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

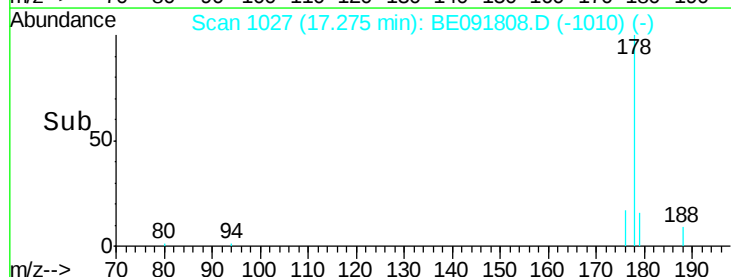
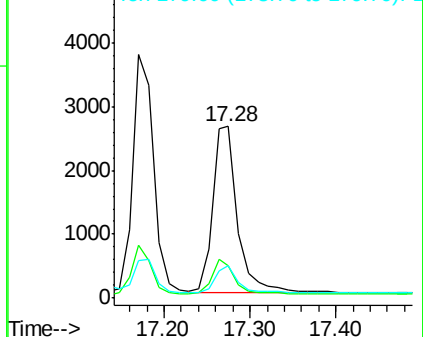
179 14.9 11.8 17.6

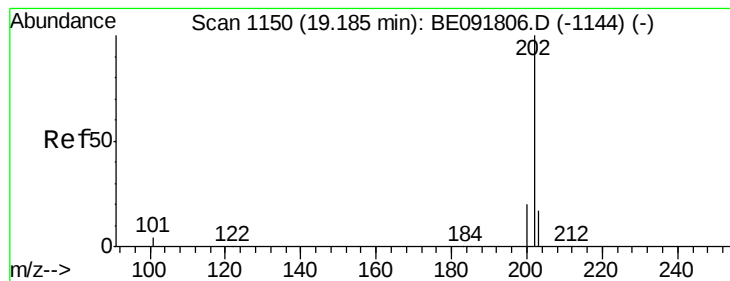


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.13 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampled :

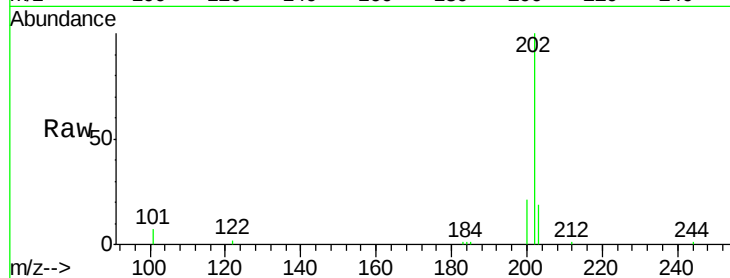
Tot Ion:202 Resp: 6549

Ion Ratio Lower Upper

202 100

101 10.8 11.0 16.6#

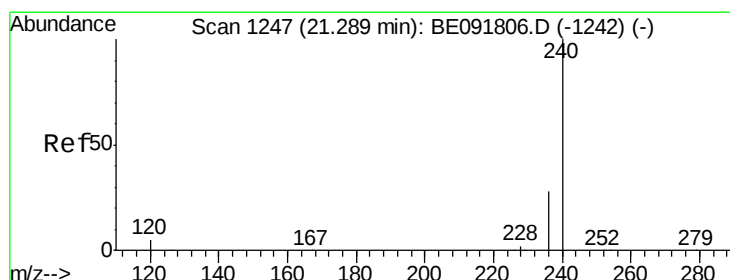
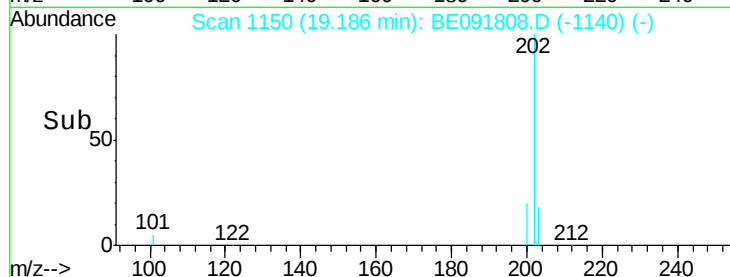
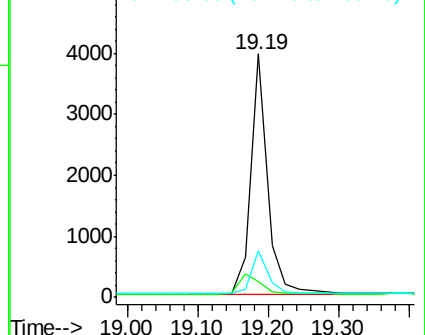
203 17.8 13.9 20.9



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: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

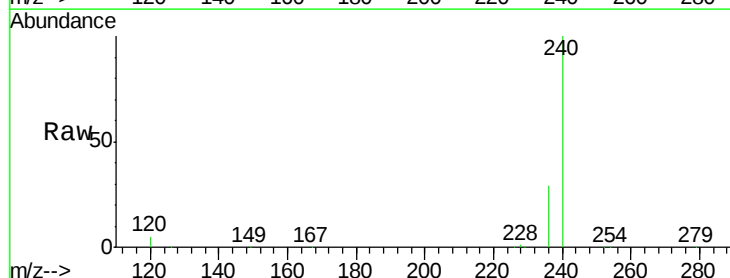
Tgt Ion:240 Resp: 272399

Ion Ratio Lower Upper

240 100

120 4.9 11.0 16.4#

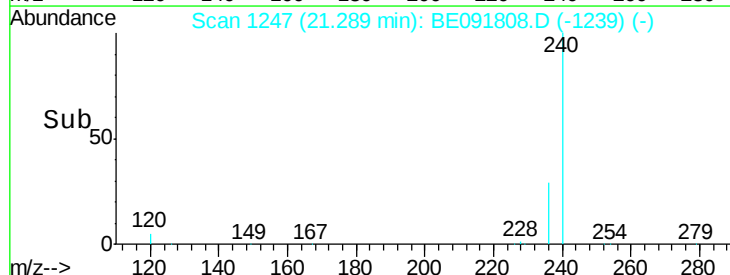
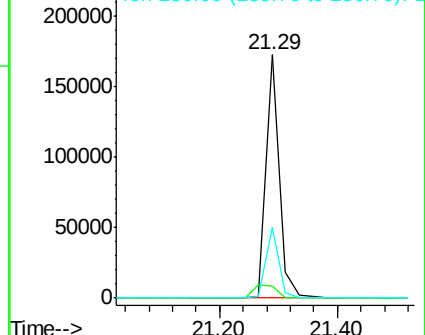
236 29.0 21.7 32.5

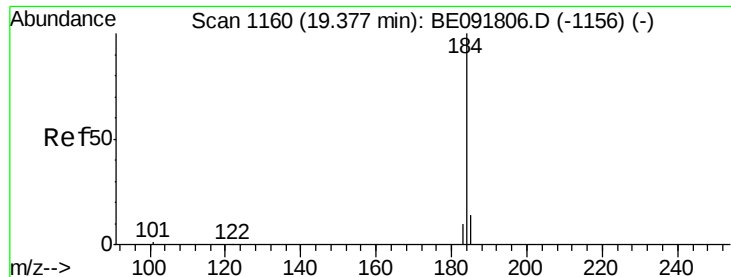


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.09 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

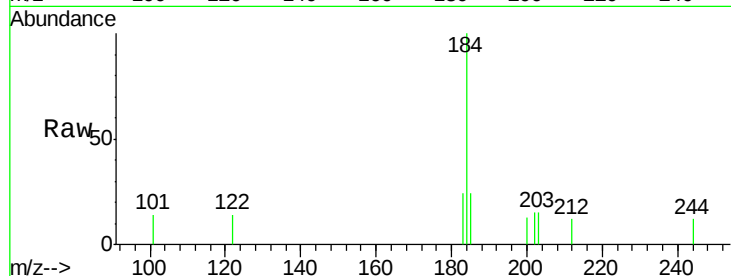
Tot Ion:184 Resp: 1458

Ion Ratio Lower Upper

184 100

185 24.3 22.3 33.5

183 23.6 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

19.38

400

300

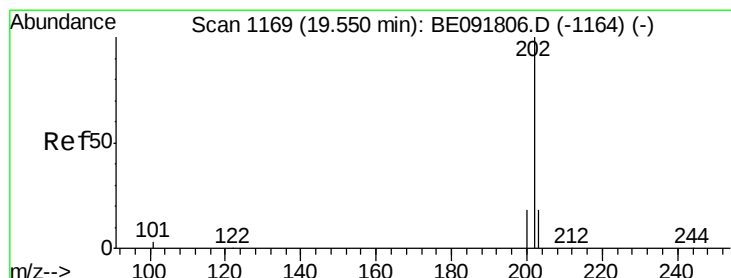
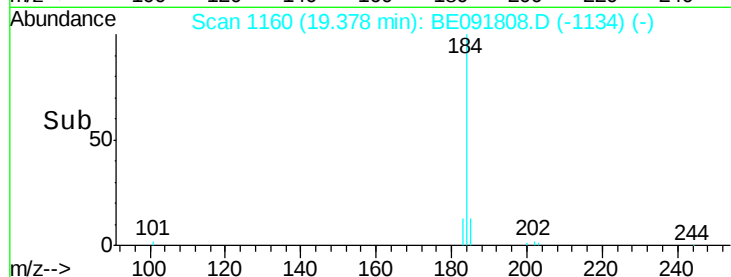
200

100

0

19.20 19.40 19.60

Time-->



#28

Pyrene

Concen: 0.11 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

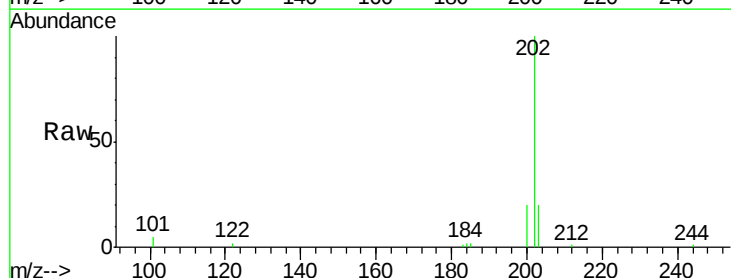
Tgt Ion:202 Resp: 6818

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.7 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

19.55

5000

4000

3000

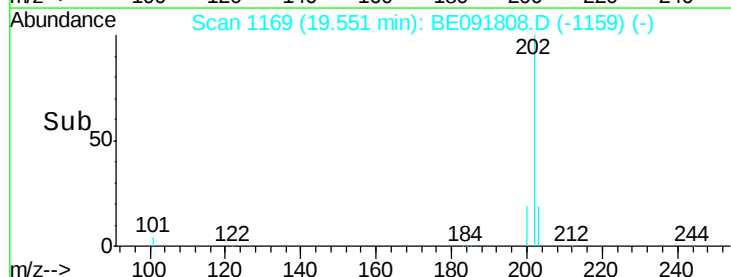
2000

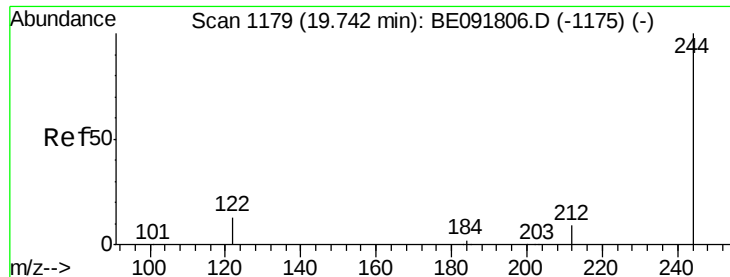
1000

0

19.40 19.50 19.60 19.70

Time-->





#29

Terphenyl-d14

Concen: 0.10 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampled :

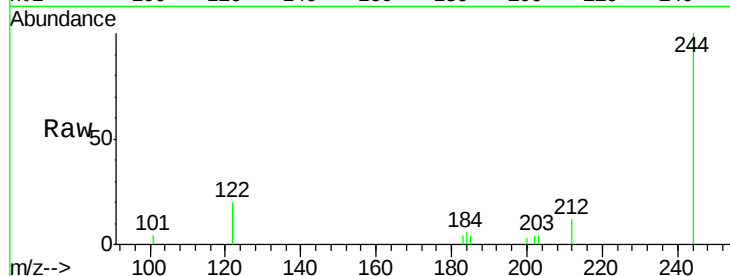
Tot Ion:244 Resp: 4205

Ion Ratio Lower Upper

244 100

212 12.0 6.9 10.3#

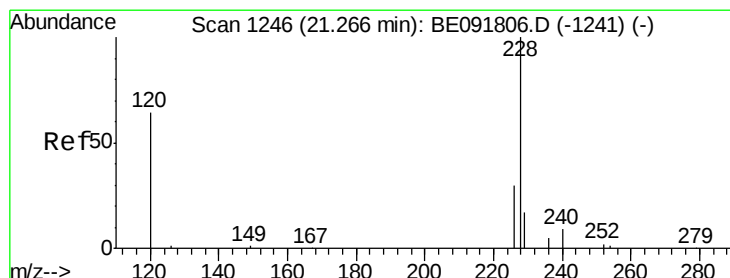
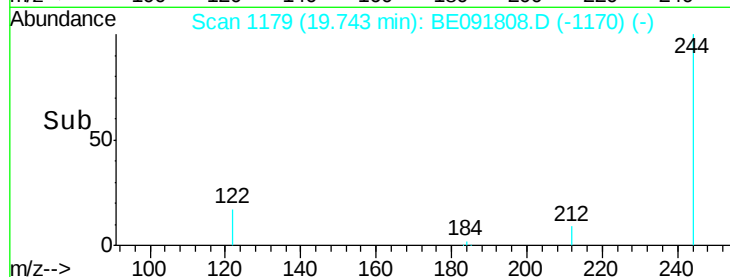
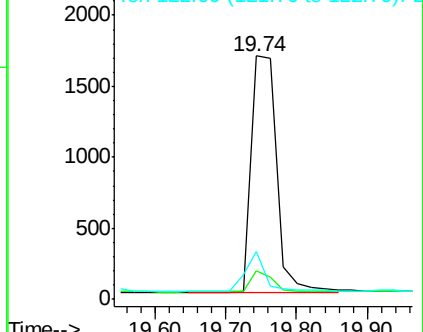
122 19.9 11.0 16.4#



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: 0.23 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

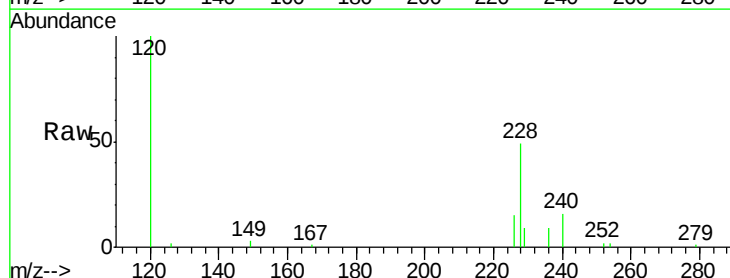
Tgt Ion:228 Resp: 15312

Ion Ratio Lower Upper

228 100

226 29.9 21.0 31.4

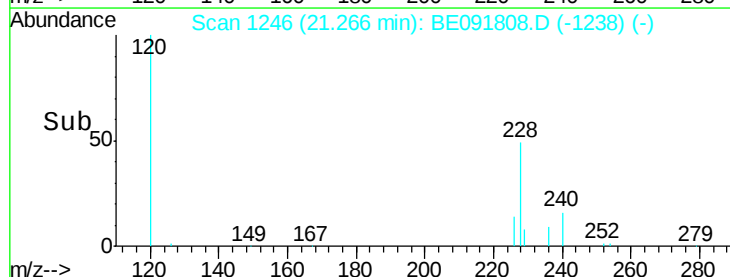
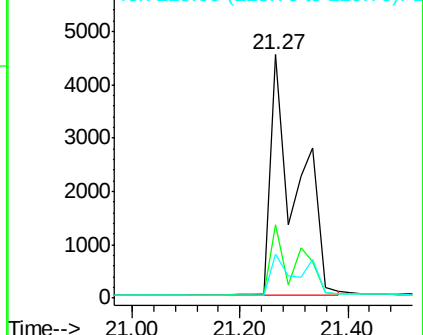
229 18.3 15.7 23.5



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

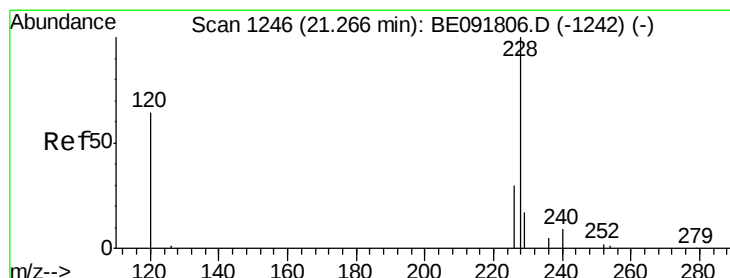
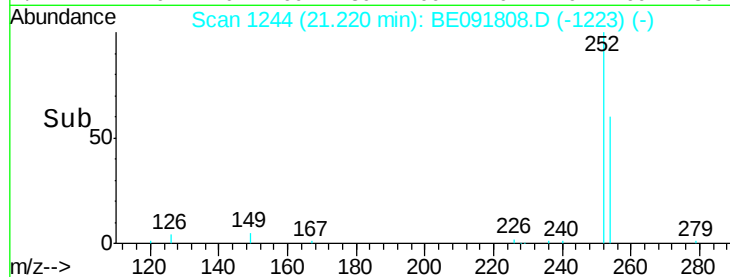
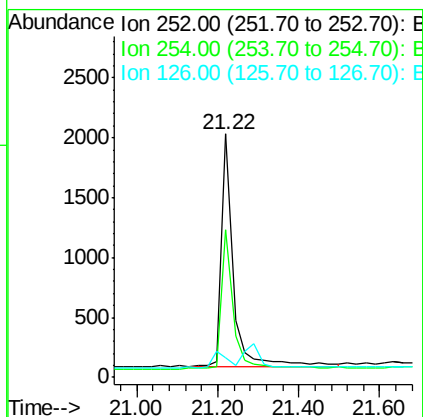
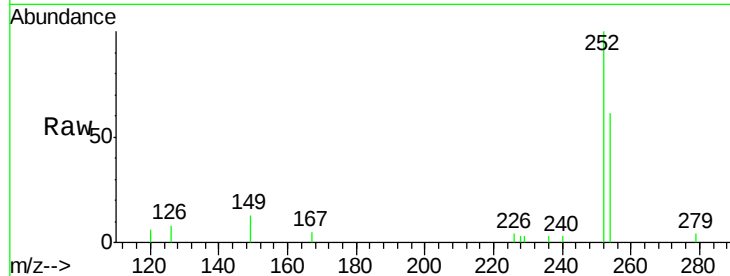




#31
 3,3'-Dichlorobenzidine
 Concen: 0.12 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091808.D
 Acq: 19 May 2016 13:50

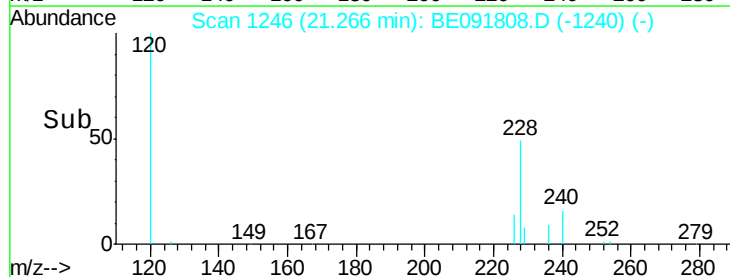
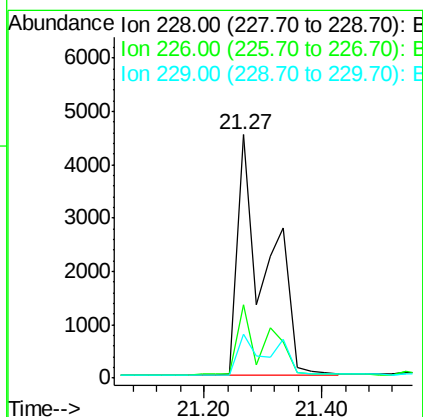
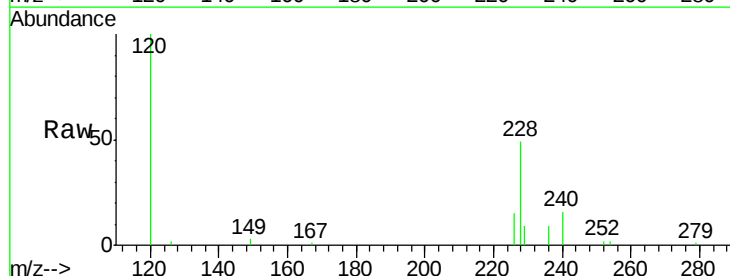
Instrument :
 BNA_E
 ClientSampled :

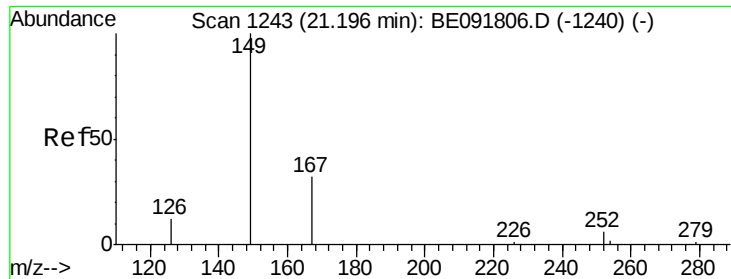
Tot Ion:252 Resp: 3910
 Ion Ratio Lower Upper
 252 100
 254 60.7 51.1 76.7
 126 7.9 12.6 18.8#



#32
 Chrysene
 Concen: 0.22 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091808.D
 Acq: 19 May 2016 13:50

Tgt Ion:228 Resp: 15406
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.0 36.0
 229 18.3 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

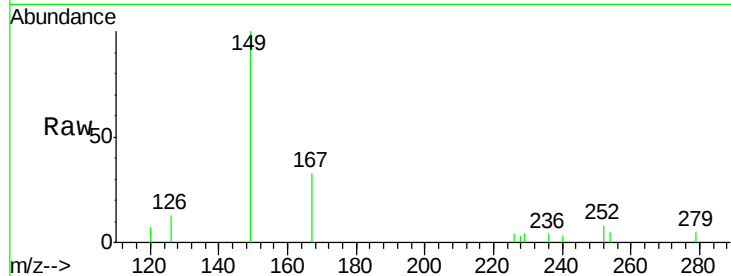
Tot Ion:149 Resp: 2387

Ion Ratio Lower Upper

149 100

167 31.2 19.5 29.3#

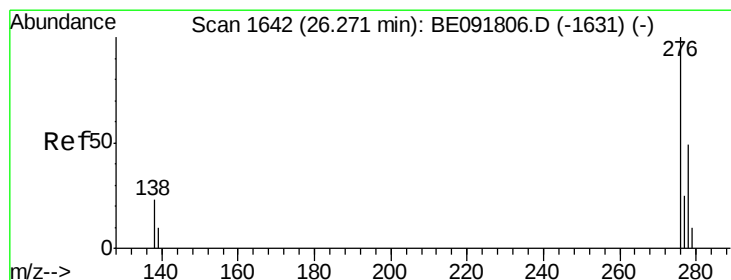
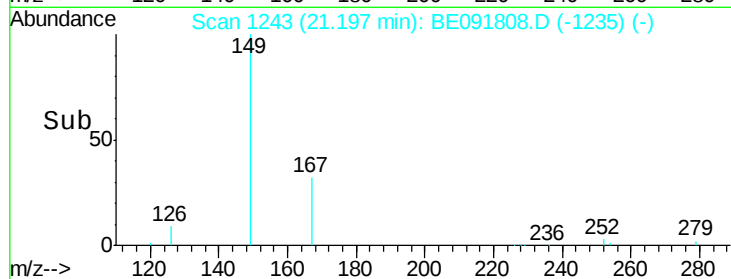
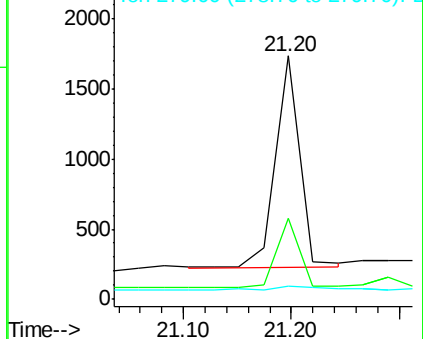
279 5.2 10.0 15.0#



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: 0.12 ng

RT: 26.27 min Scan# 1642

Delta R.T. -0.04 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

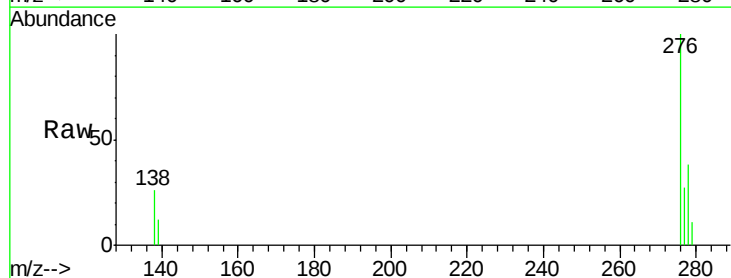
Tgt Ion:276 Resp: 7587

Ion Ratio Lower Upper

276 100

138 24.6 23.4 35.2

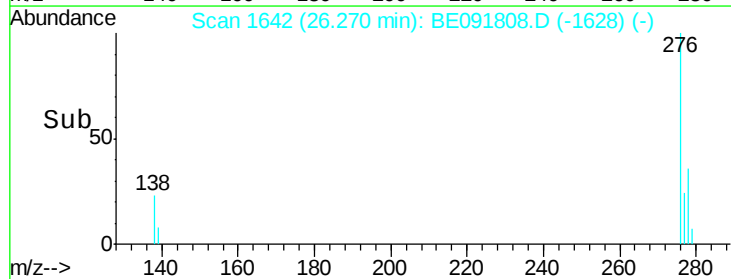
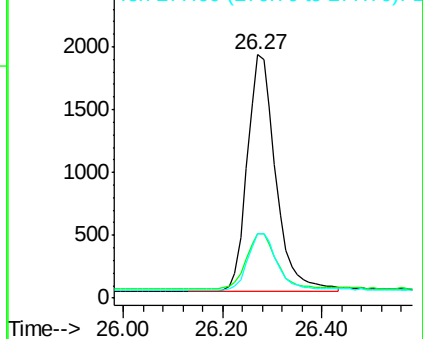
277 25.2 19.8 29.8

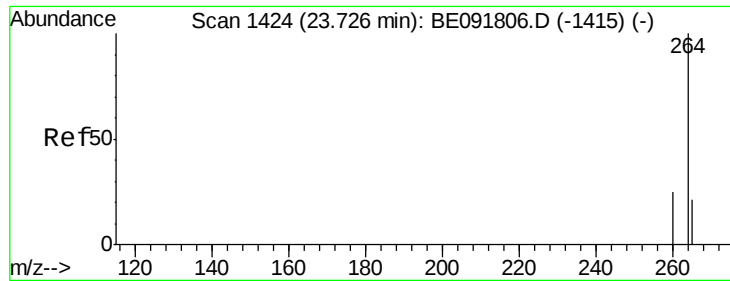


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

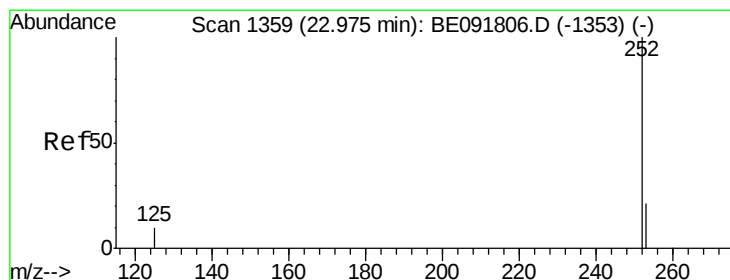
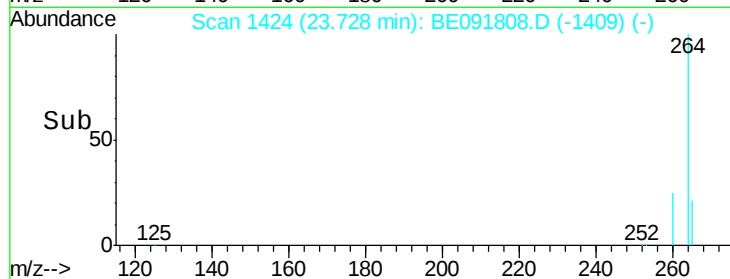
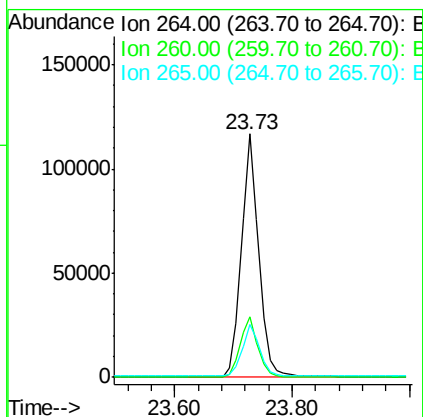
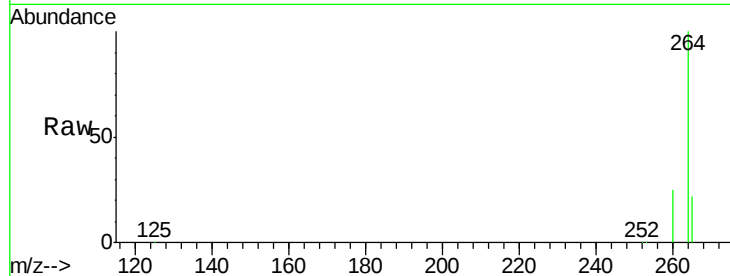




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091808.D
 Acq: 19 May 2016 13:50

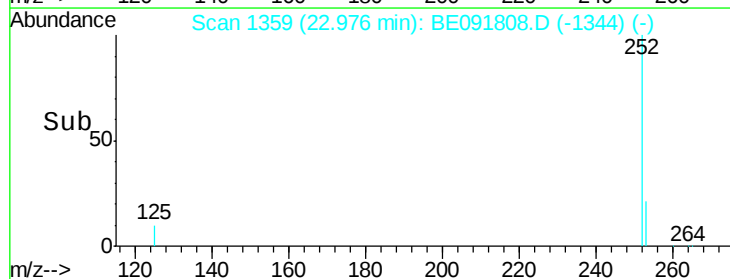
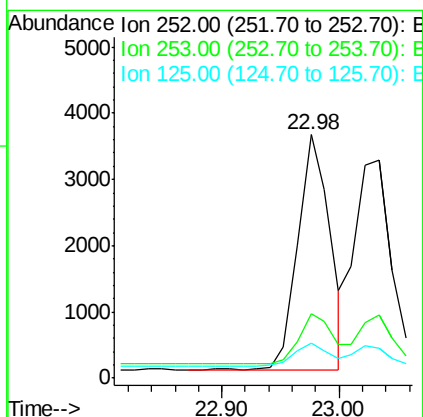
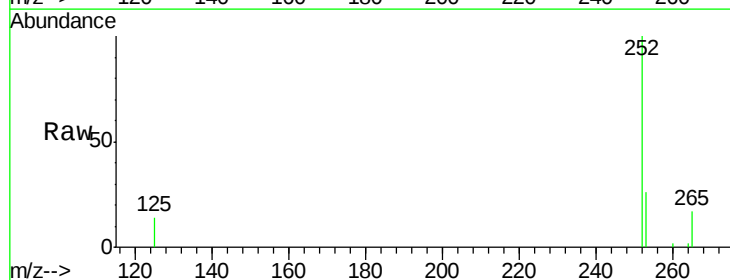
Instrument :
 BNA_E
 ClientSampleId :

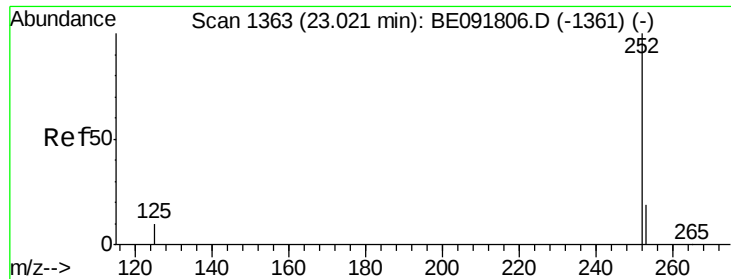
Tot Ion:264 Resp: 240550
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.8 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.12 ng
 RT: 22.98 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091808.D
 Acq: 19 May 2016 13:50

Tgt Ion:252 Resp: 6748
 Ion Ratio Lower Upper
 252 100
 253 26.3 17.4 26.0#
 125 14.5 10.2 15.2

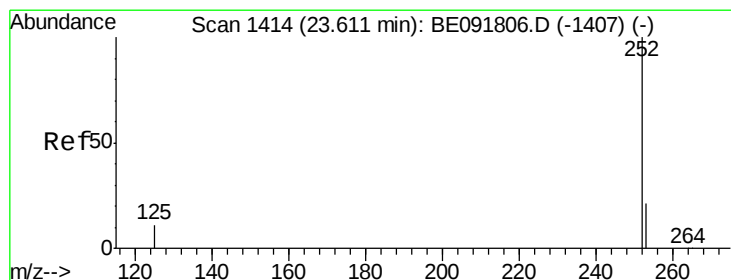
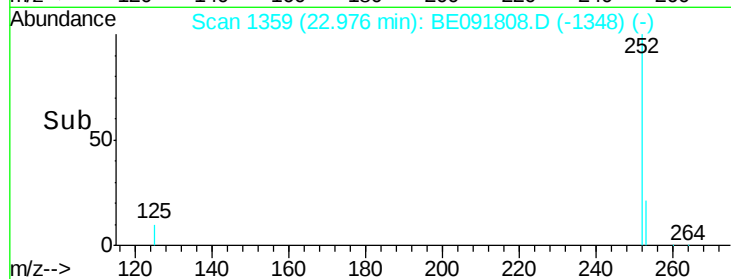
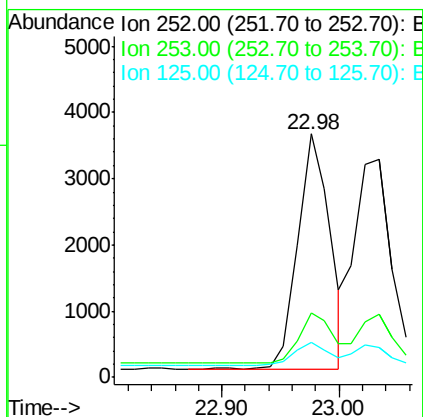
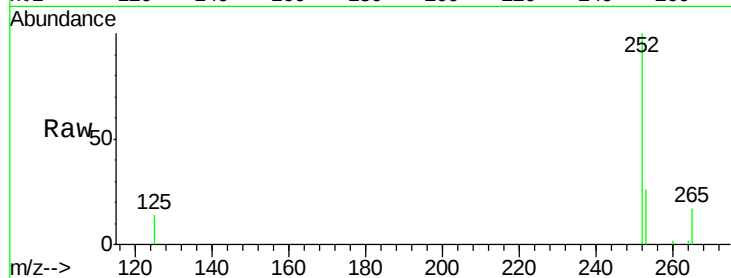




#37
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 22.98 min Scan# 1359
Delta R.T. -0.07 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

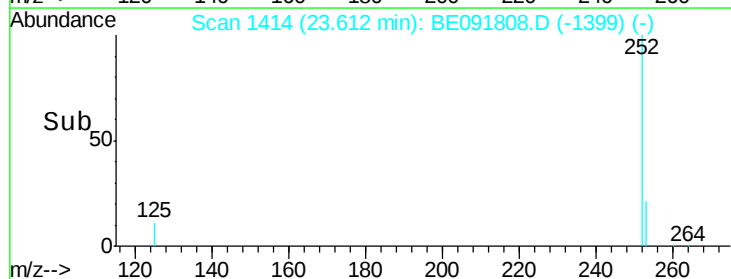
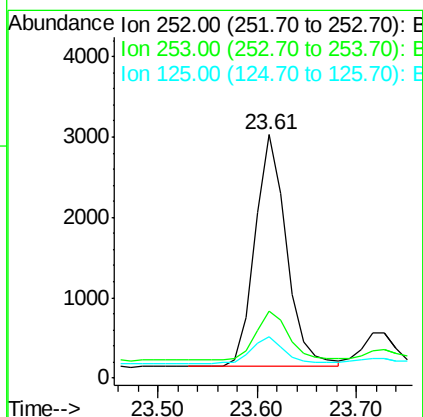
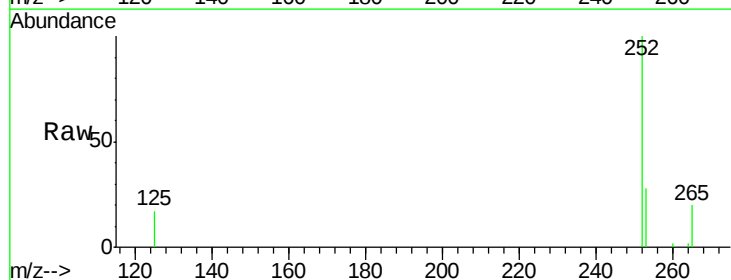
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 6748
Ion Ratio Lower Upper
252 100
253 26.3 17.6 26.4
125 14.5 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.12 ng
RT: 23.61 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE091808.D
Acq: 19 May 2016 13:50

Tgt Ion:252 Resp: 6363
Ion Ratio Lower Upper
252 100
253 27.7 18.1 27.1#
125 16.9 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.12 ng

RT: 26.30 min Scan# 1645

Delta R.T. -0.04 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

Instrument :

BNA_E

ClientSampleId :

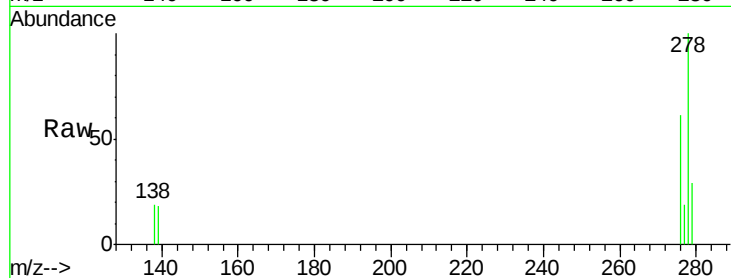
Tot Ion:278 Resp: 6263

Ion Ratio Lower Upper

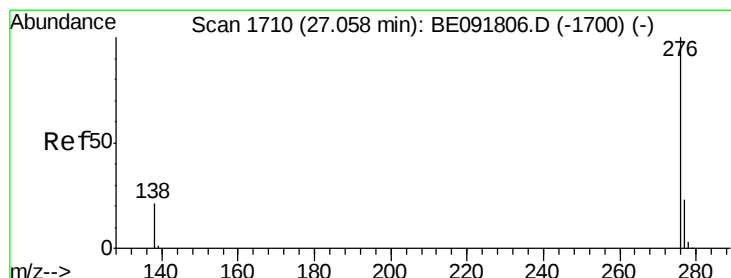
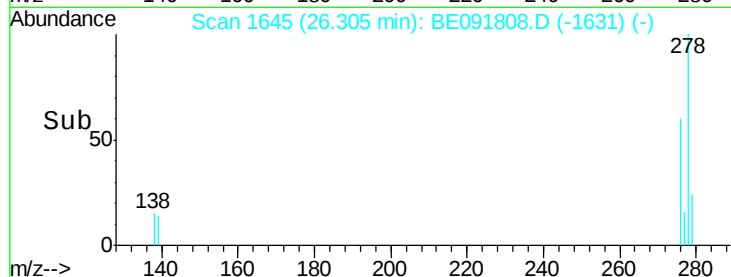
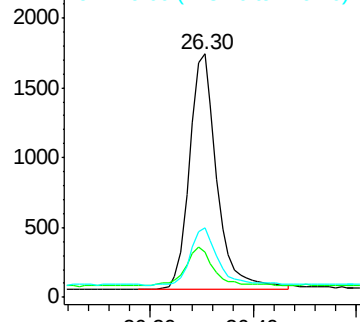
278 100

139 18.4 16.0 24.0

279 28.5 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: 0.13 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091808.D

Acq: 19 May 2016 13:50

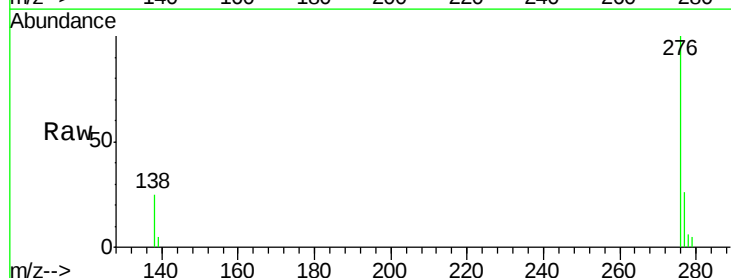
Tgt Ion:276 Resp: 6652

Ion Ratio Lower Upper

276 100

277 26.1 18.6 28.0

138 24.5 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

