

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
 Data File : BE091809.D
 Acq On : 19 May 2016 14:26
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 15:41:24 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 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	21024	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	105910	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	73123	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	204890	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	277072	5.00	ng	-0.02
35) Perylene-d12	23.73	264	238237	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1977	0.36	ng	0.00
5) Phenol-d6	6.95	99	2629	0.34	ng	0.00
8) Nitrobenzene-d5	8.95	82	2426	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	937	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	7818	0.38	ng	0.00
29) Terphenyl-d14	19.74	244	14680	0.37	ng	-0.02

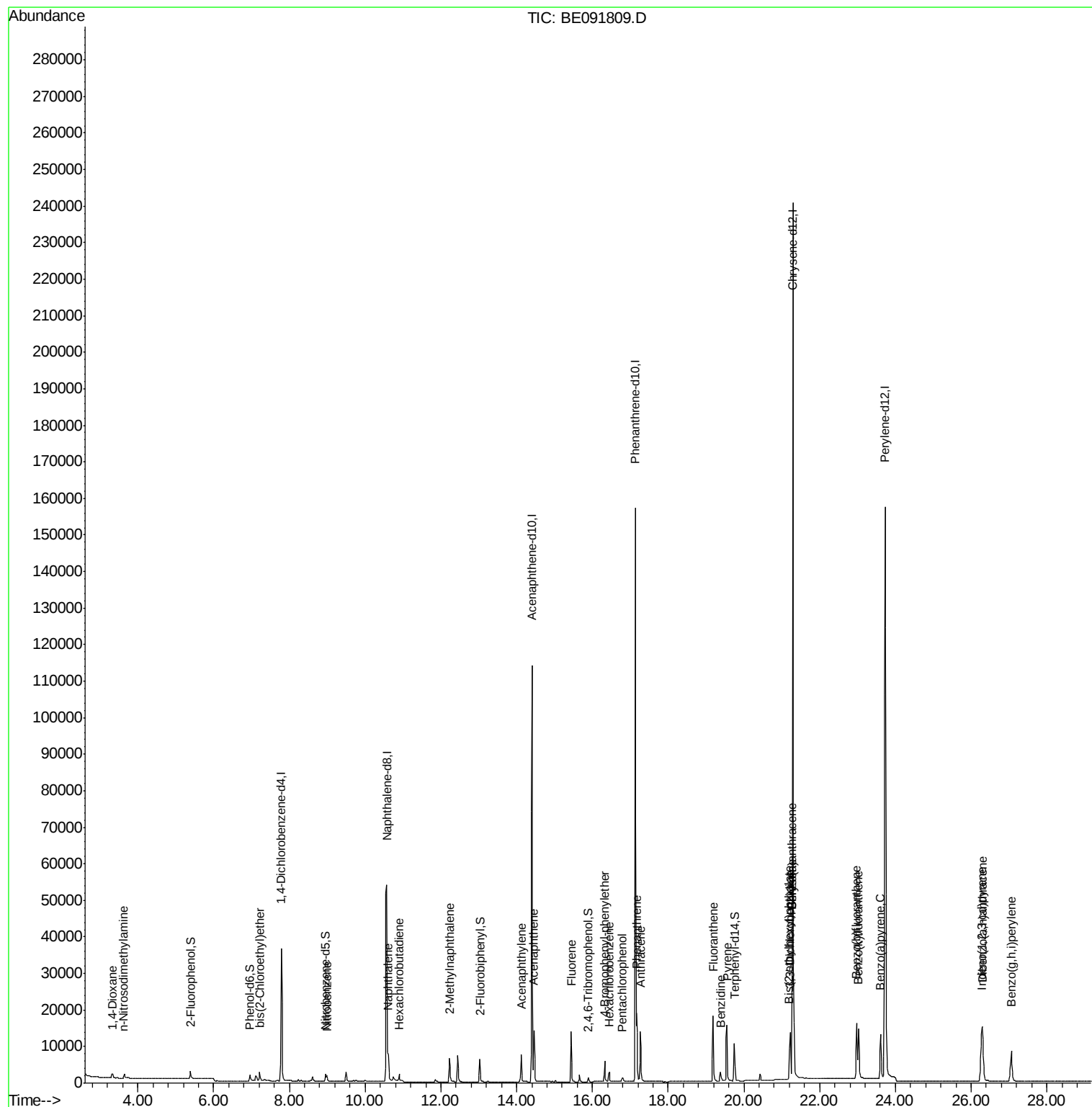
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	1087	0.44	ng	# 93
3) n-Nitrosodimethylamine	3.63	42	1191	0.35	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	2198	0.35	ng	# 78
9) Nitrobenzene	8.99	77	2401	0.33	ng	95
10) Naphthalene	10.61	128	8892	0.38	ng	99
11) Hexachlorobutadiene	10.90	225	1947	0.56	ng	# 85
12) 2-Methylnaphthalene	12.22	142	5850	0.37	ng	98
16) Acenaphthylene	14.12	152	12087	0.37	ng	# 72
17) Acenaphthene	14.46	154	7188	0.37	ng	86
18) Fluorene	15.45	166	9539	0.38	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	2920	0.38	ng	92
21) Hexachlorobenzene	16.45	284	3082	0.39	ng	99
22) Pentachlorophenol	16.79	266	1044	0.32	ng	95
23) Phenanthrene	17.17	178	19270	0.39	ng	98
24) Anthracene	17.26	178	16561	0.37	ng	99
25) Fluoranthene	19.19	202	20622	0.38	ng	# 97
27) Benzidine	19.38	184	5390	0.33	ng	# 80
28) Pyrene	19.55	202	21815	0.36	ng	100
30) Benzo(a)anthracene	21.27	228	47362	0.71	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	13436	0.32	ng	# 93
32) Chrysene	21.27	228	47617	0.86	ng	97
33) Bis(2-ethylhexyl)phthalate	21.20	149	8245	0.45	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.27	276	24419	0.36	ng	95
36) Benzo(b)fluoranthene	22.97	252	21679	0.36	ng	97
37) Benzo(k)fluoranthene	23.02	252	22494	0.37	ng	98
38) Benzo(a)pyrene	23.61	252	20583	0.36	ng	98
39) Dibenzo(a,h)anthracene	26.29	278	20059	0.36	ng	97
40) Benzo(g,h,i)perylene	27.06	276	21120	0.37	ng	94

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

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Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 15:41:24 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 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampled :

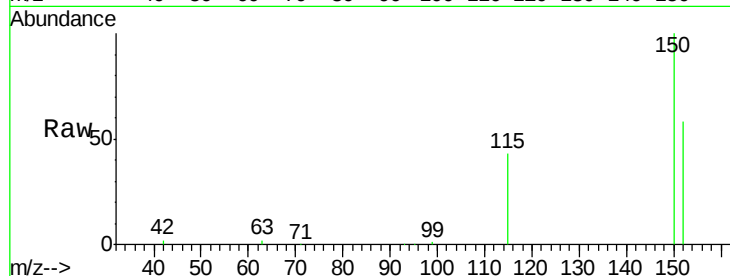
Tot Ion:152 Resp: 21024

Ion Ratio Lower Upper

152 100

150 171.7 122.6 183.8

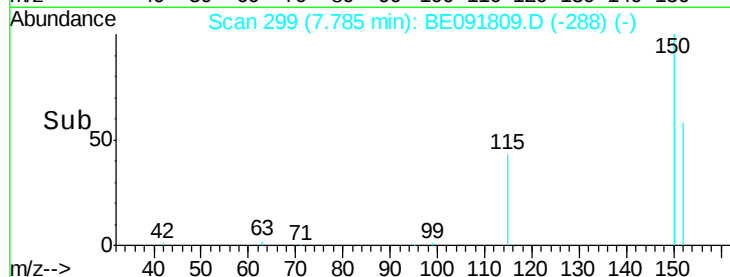
115 74.4 52.8 79.2



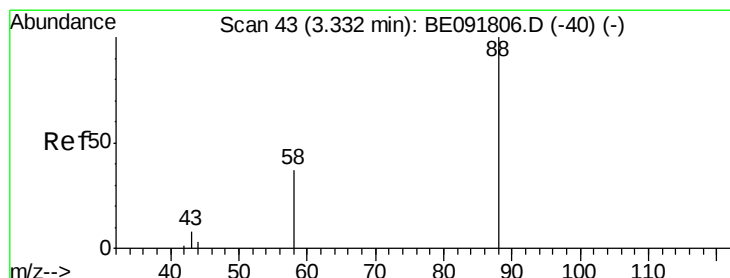
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.44 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

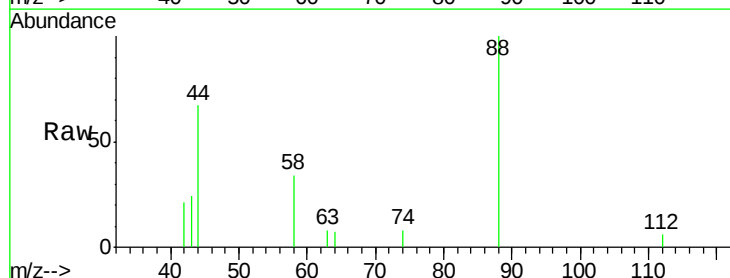
Tgt Ion: 88 Resp: 1087

Ion Ratio Lower Upper

88 100

58 78.2 65.8 98.6

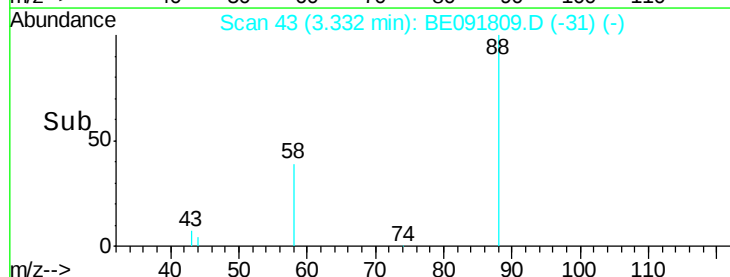
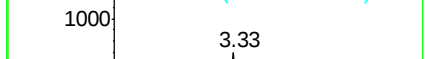
43 38.9 25.3 37.9#



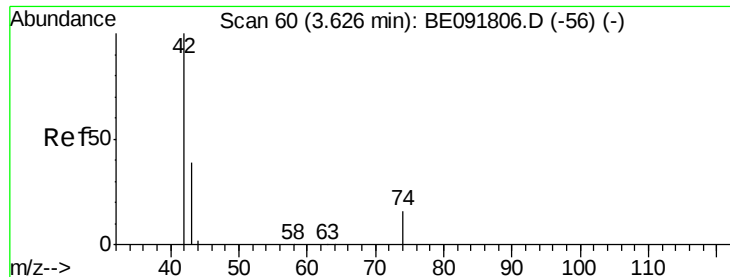
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->

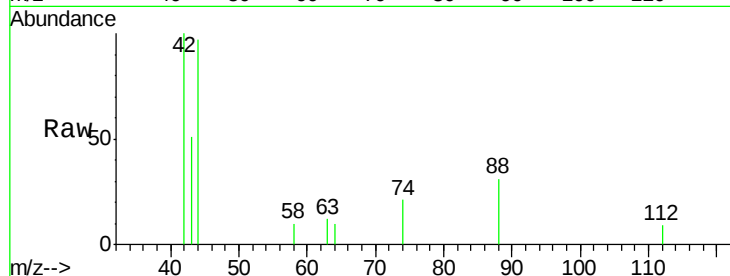


#3

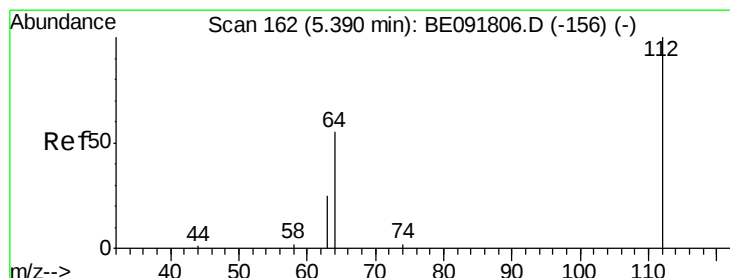
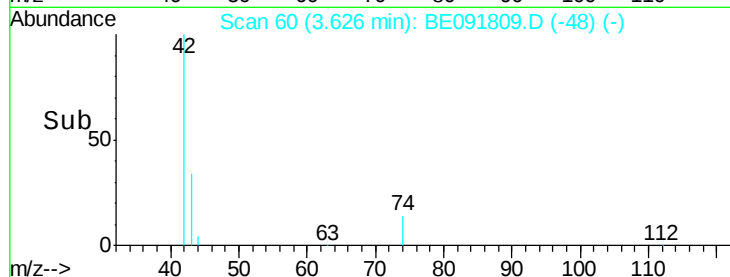
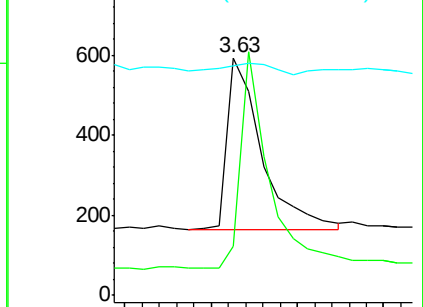
n-Nitrosodimethylamine
 Concen: 0.35 ng
 RT: 3.63 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 1191
 Ion Ratio Lower Upper
 42 100
 74 104.8 87.9 131.9
 44 9.8 6.6 9.8



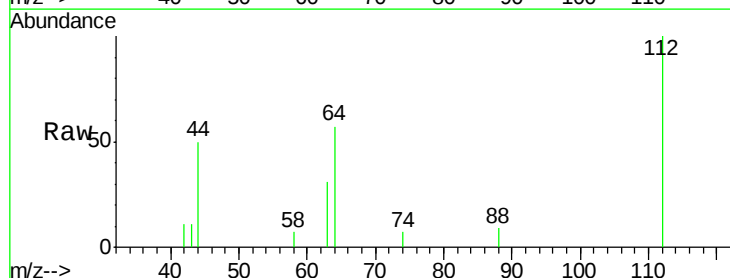
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



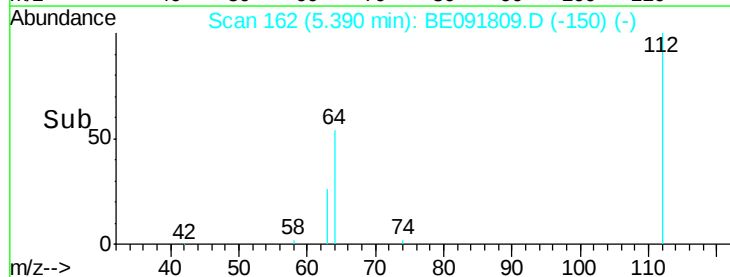
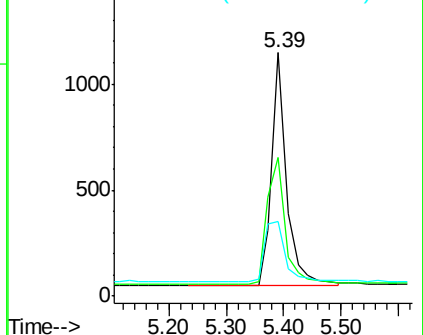
#4

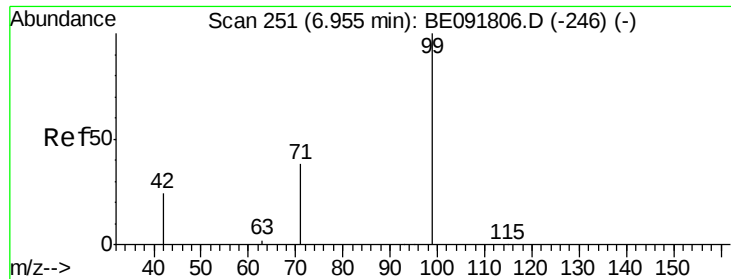
2-Fluorophenol
 Concen: 0.36 ng
 RT: 5.39 min Scan# 162
 Delta R.T. 0.00 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Tgt Ion: 112 Resp: 1977
 Ion Ratio Lower Upper
 112 100
 64 66.6 30.9 46.3#
 63 36.3 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: 0.34 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampled :

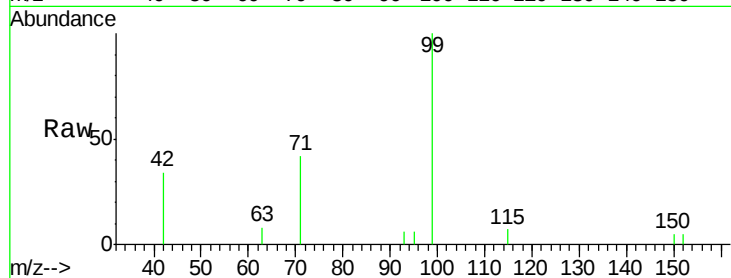
Tot Ion: 99 Resp: 2629

Ion Ratio Lower Upper

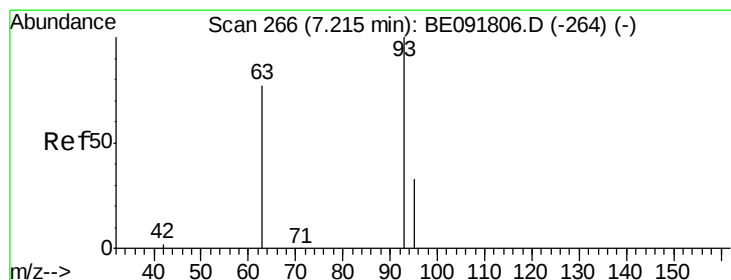
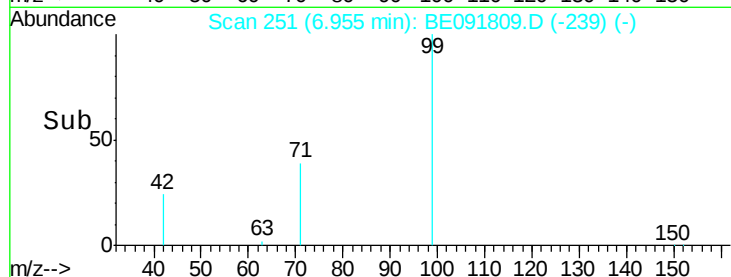
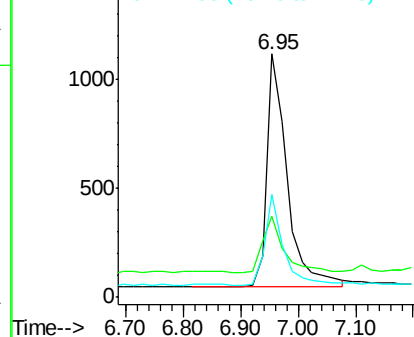
99 100

42 25.8 16.2 24.2#

71 35.7 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: 0.35 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

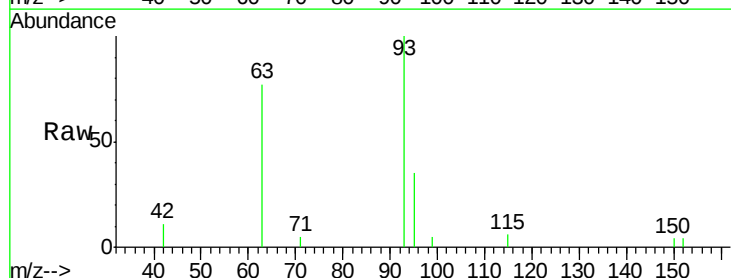
Tgt Ion: 93 Resp: 2198

Ion Ratio Lower Upper

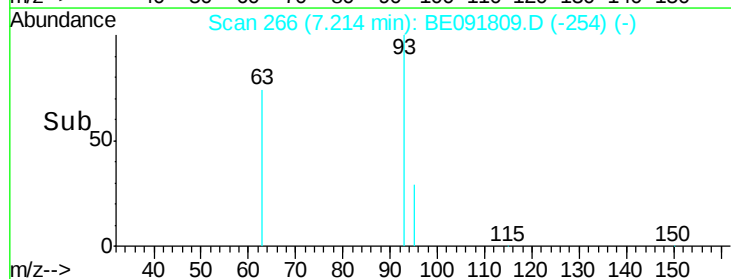
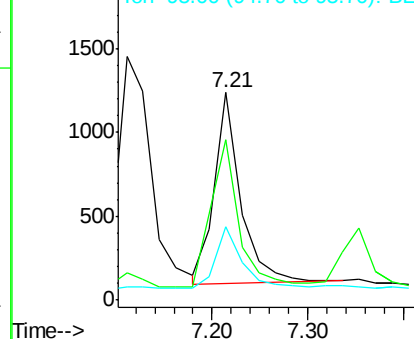
93 100

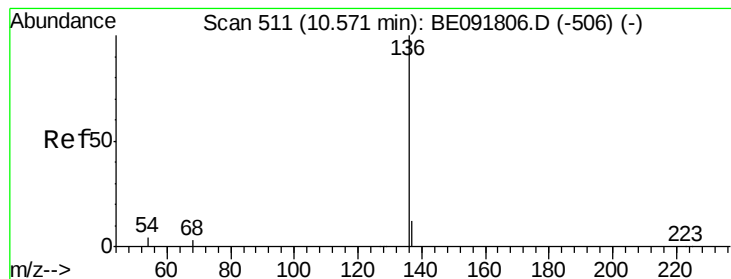
63 83.3 49.5 74.3#

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: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 105910

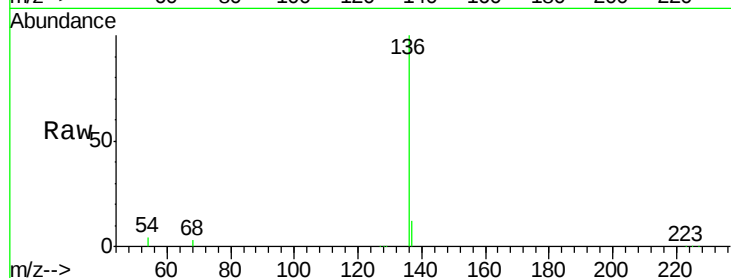
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 4.1 8.2 12.4#

68 3.5 6.2 9.4#

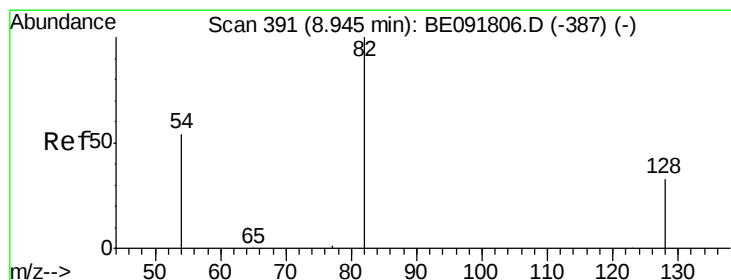
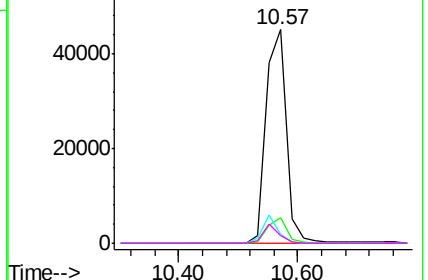
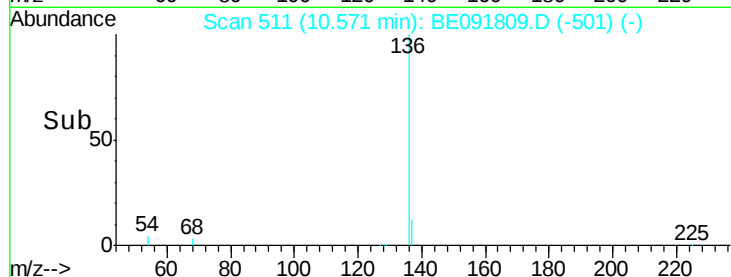


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.35 ng

RT: 8.95 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

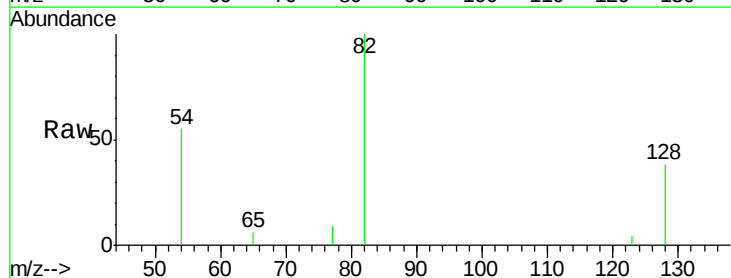
Tgt Ion: 82 Resp: 2426

Ion Ratio Lower Upper

82 100

128 37.9 25.4 38.0

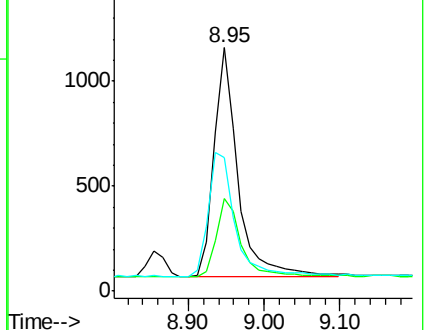
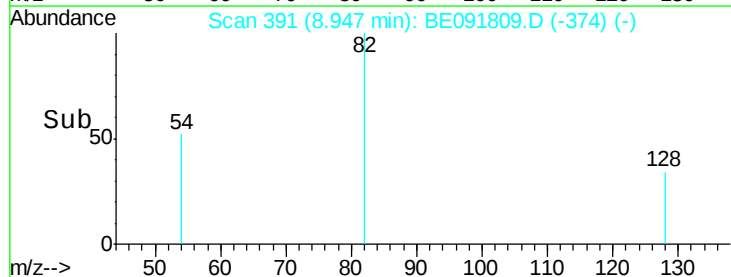
54 55.0 48.4 72.6

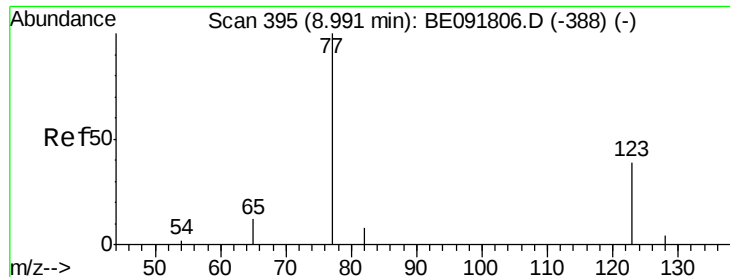


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.33 ng

RT: 8.99 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

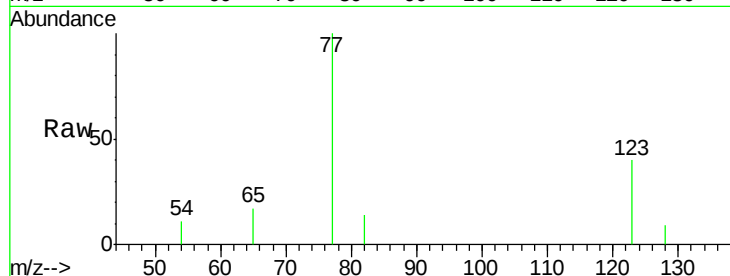
Tot Ion: 77 Resp: 2401

Ion Ratio Lower Upper

77 100

123 36.5 26.9 40.3

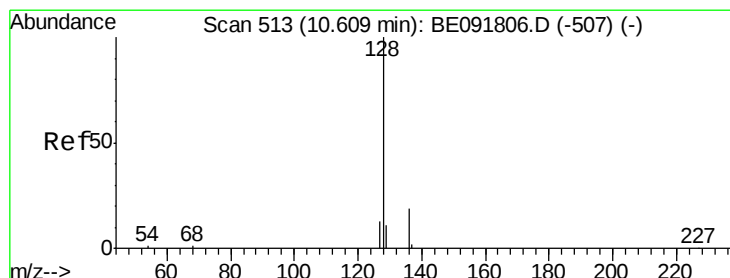
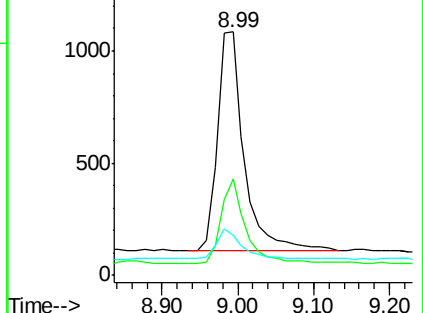
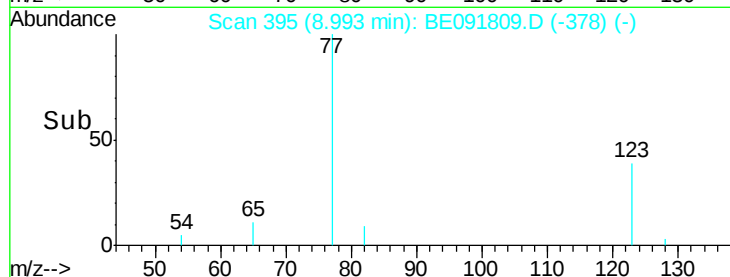
65 13.2 9.4 14.2



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: 0.38 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

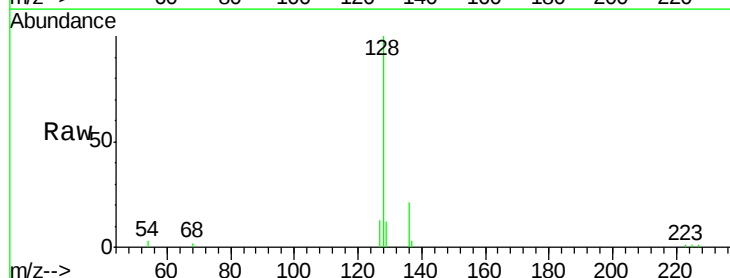
Tgt Ion: 128 Resp: 8892

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

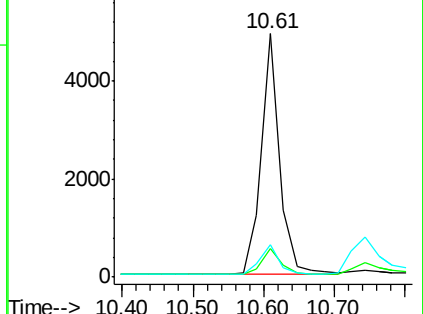
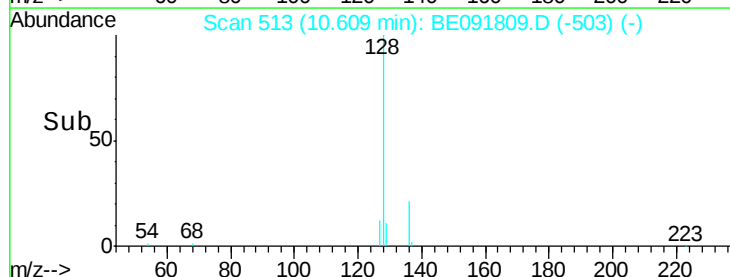
127 13.3 10.7 16.1

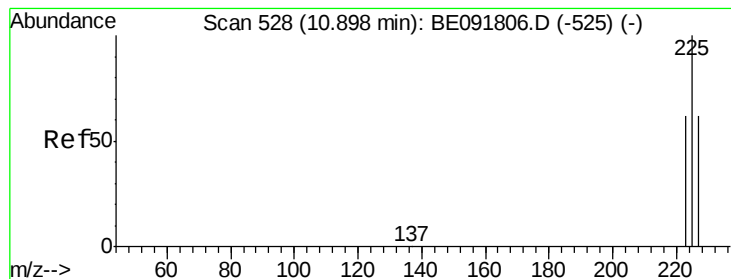


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

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

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

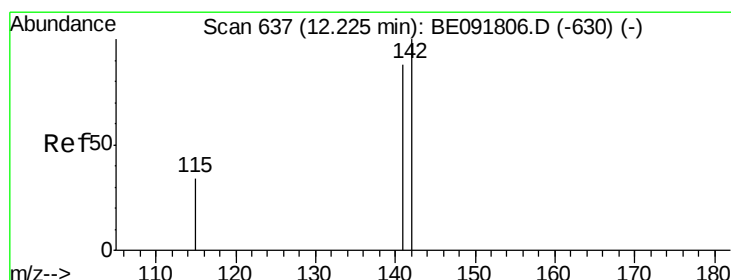
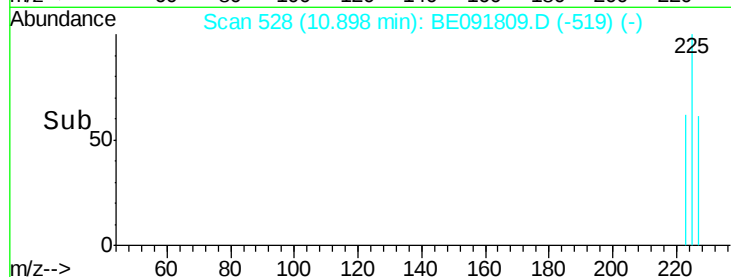
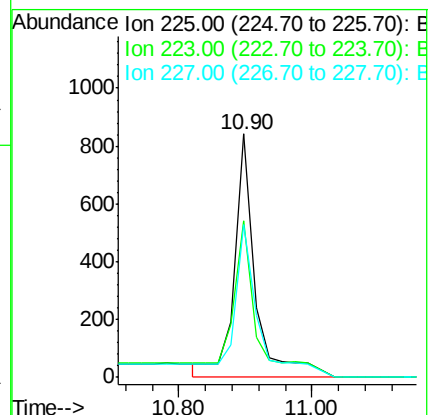
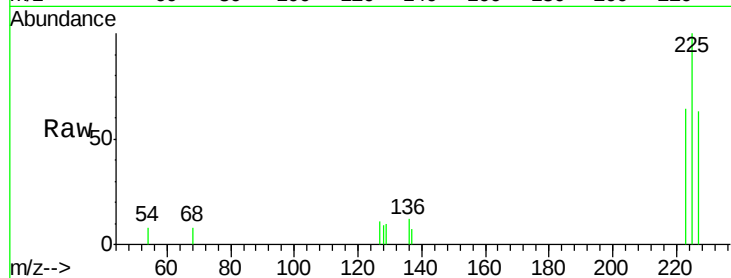




#11
Hexachlorobutadiene
Concen: 0.56 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

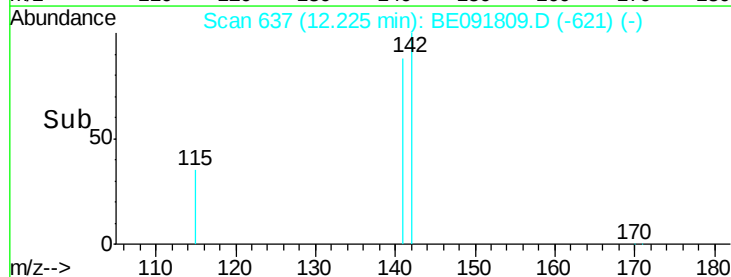
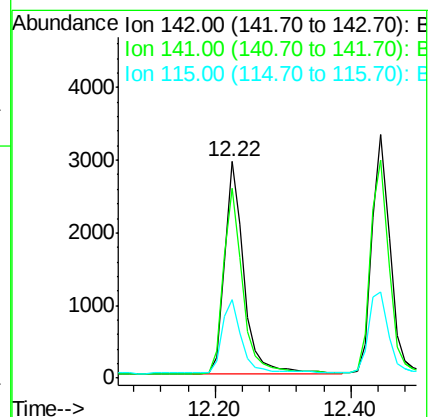
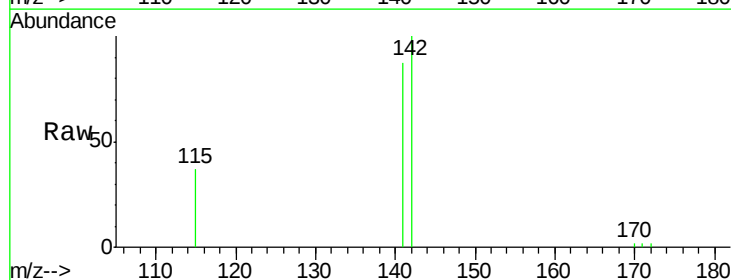
Instrument :
BNA_E
ClientSampleId :

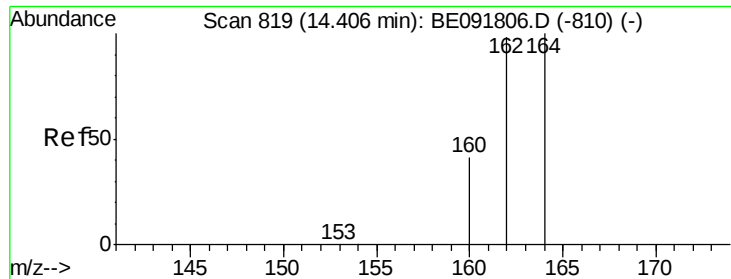
Tot Ion:225 Resp: 1947
Ion Ratio Lower Upper
225 100
223 74.2 49.0 73.6#
227 73.2 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:142 Resp: 5850
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.0
115 36.5 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: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

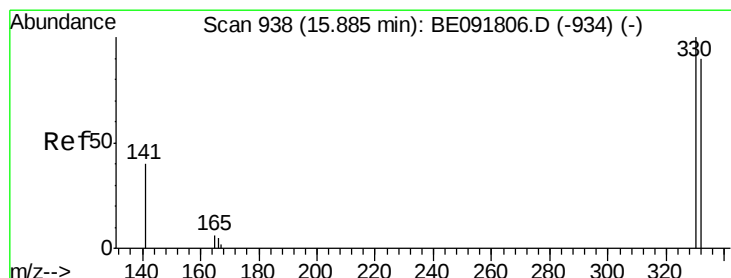
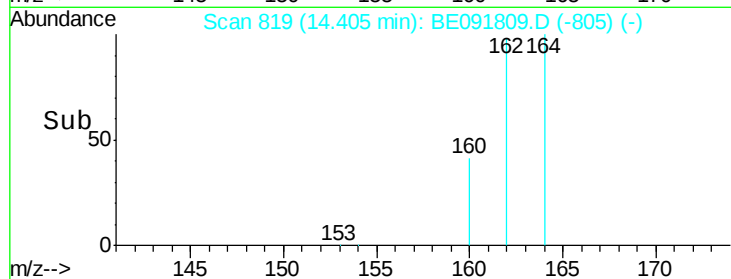
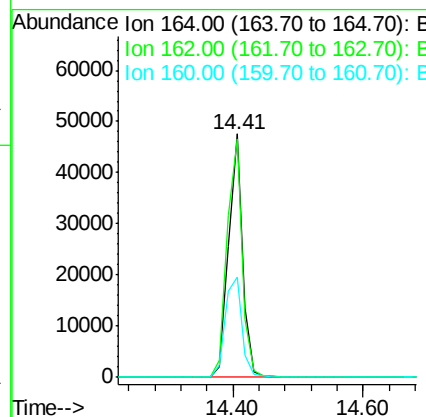
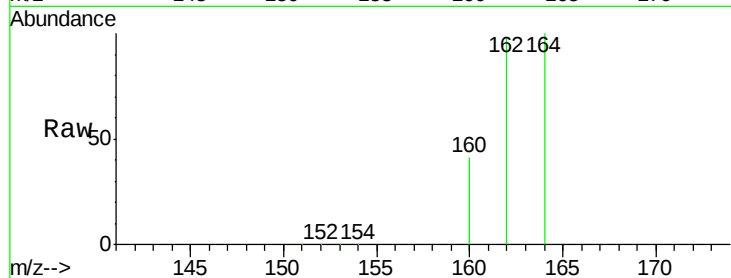
Tot Ion:164 Resp: 73123

Ion Ratio Lower Upper

164 100

162 98.1 85.3 127.9

160 41.4 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.33 ng

RT: 15.89 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

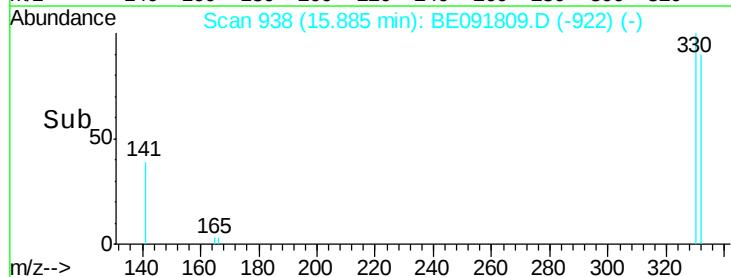
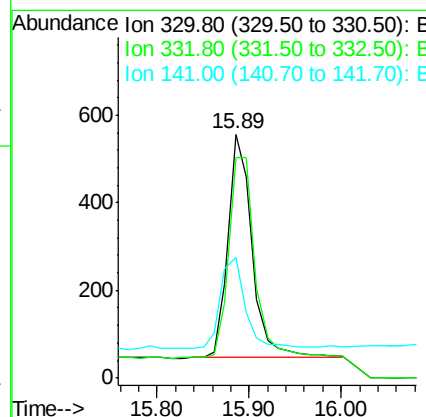
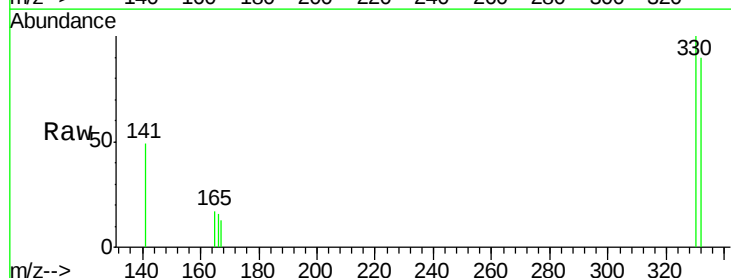
Tgt Ion:330 Resp: 937

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 42.6 125.4 188.0#

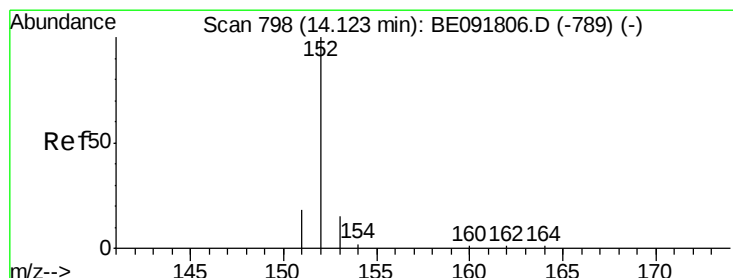
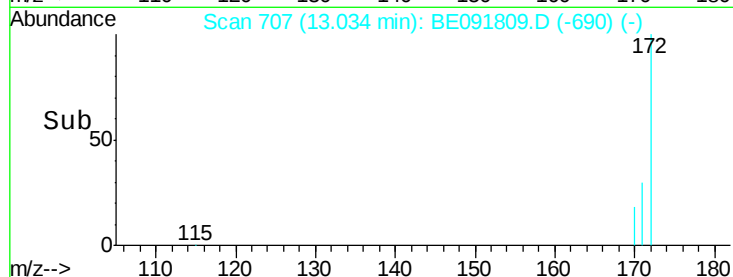
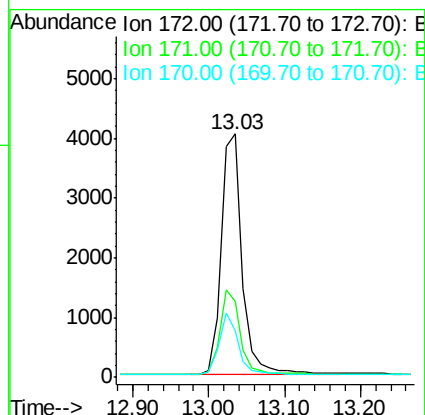
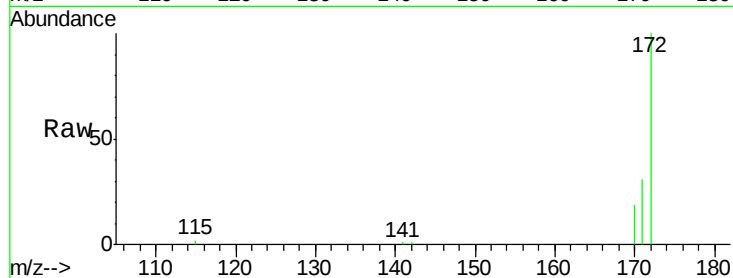




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

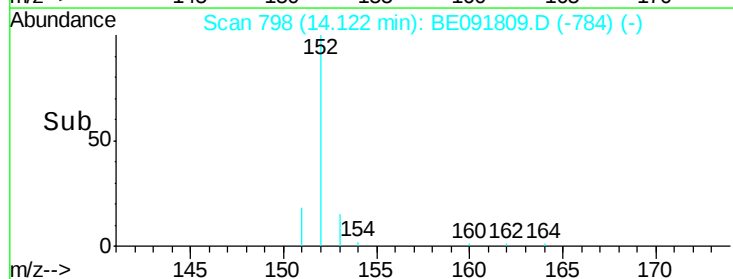
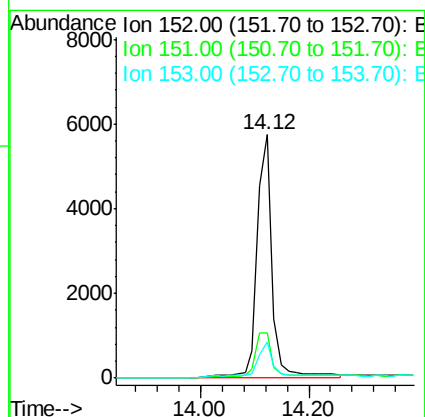
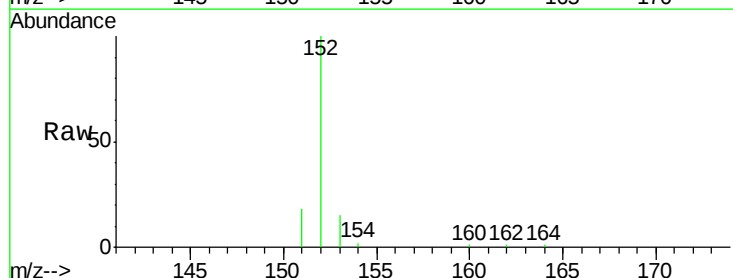
Instrument :
BNA_E
ClientSampled :

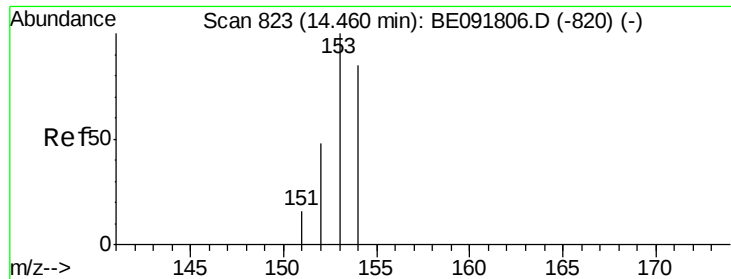
Tot Ion:172 Resp: 7818
Ion Ratio Lower Upper
172 100
171 31.4 28.8 43.2
170 19.2 19.3 28.9#



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:152 Resp: 12087
Ion Ratio Lower Upper
152 100
151 24.8 3.9 5.9#
153 19.1 10.3 15.5#

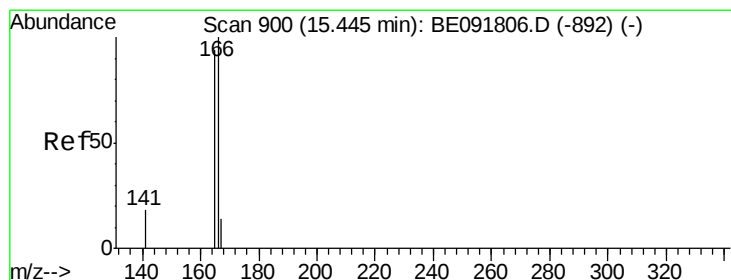
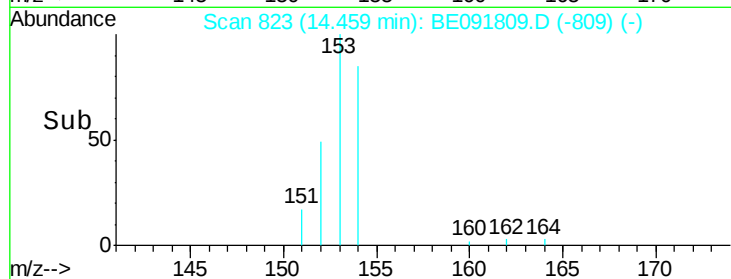
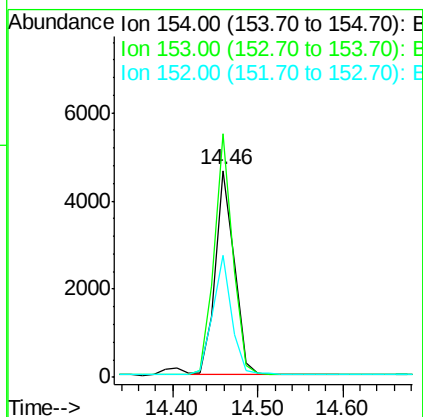
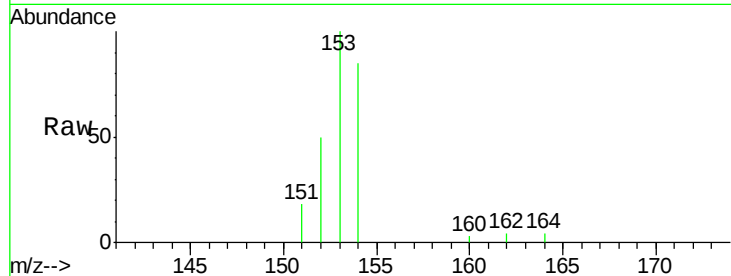




#17
Acenaphthene
Concen: 0.37 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

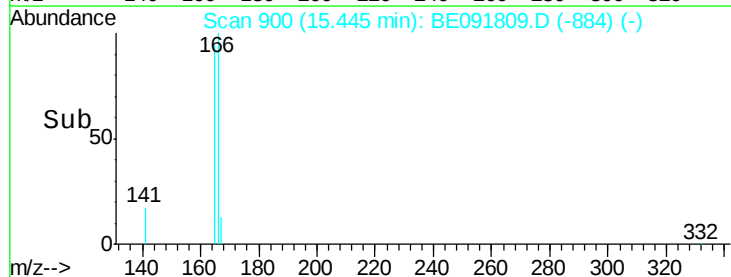
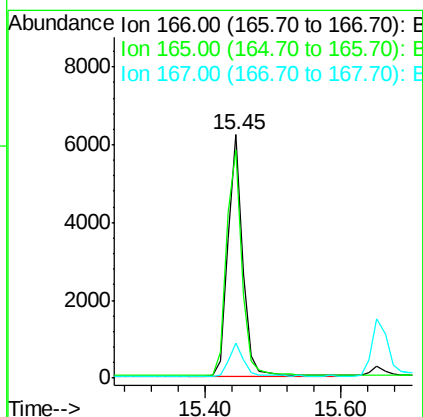
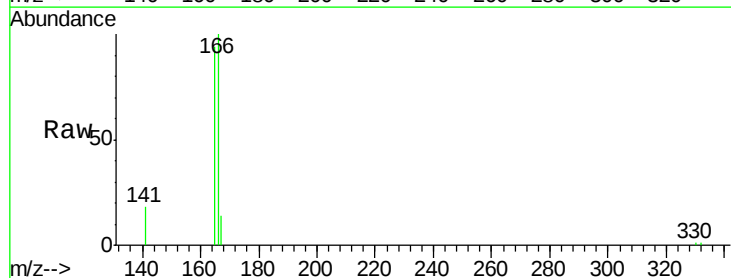
Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 7188
Ion Ratio Lower Upper
154 100
153 115.5 80.0 120.0
152 57.2 40.0 60.0



#18
Fluorene
Concen: 0.38 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:166 Resp: 9539
Ion Ratio Lower Upper
166 100
165 99.0 80.8 121.2
167 13.2 10.9 16.3

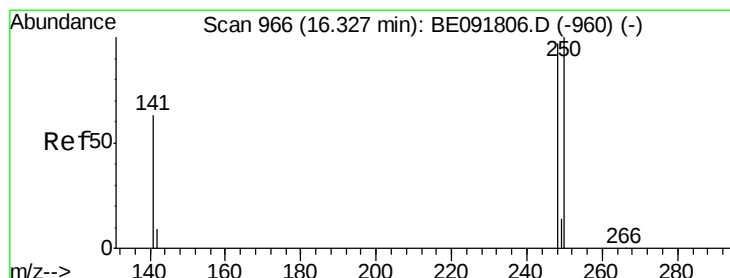
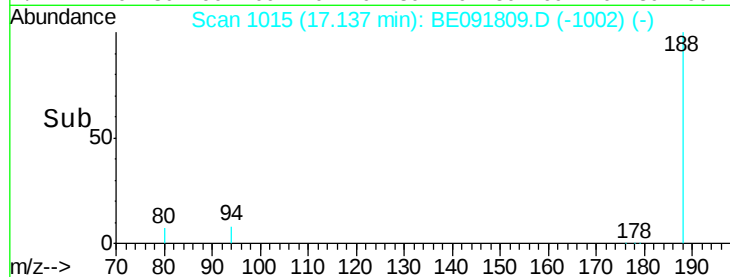
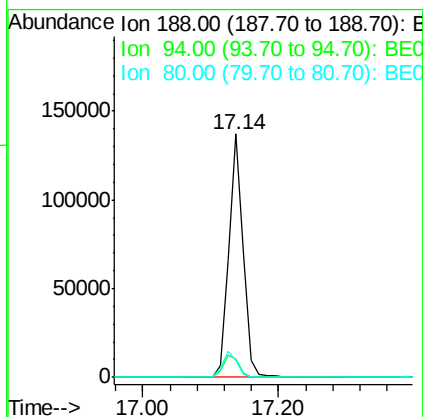
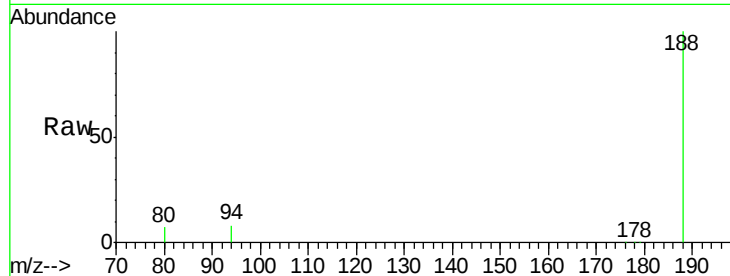




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

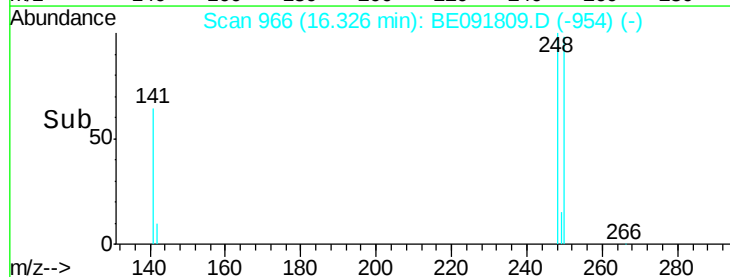
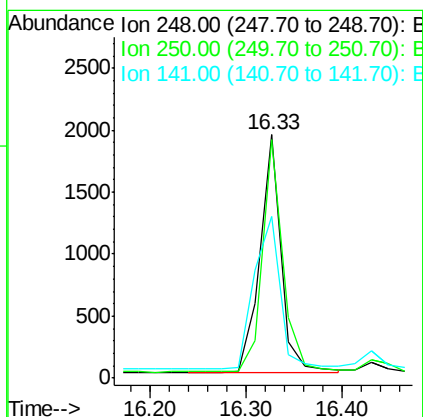
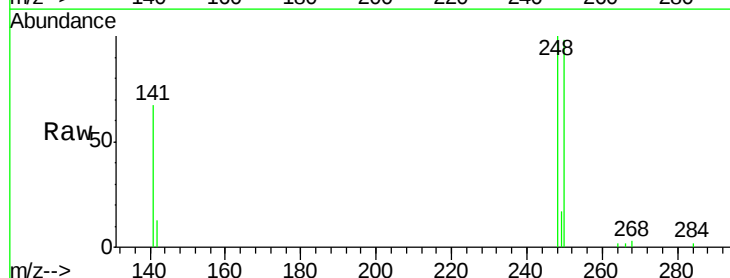
Instrument :
BNA_E
ClientSampleId :

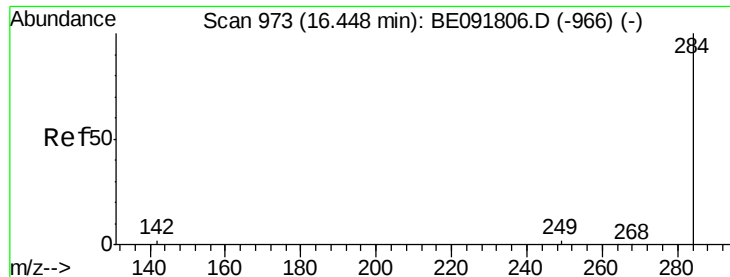
Tot Ion:188 Resp: 204890
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 6.9 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:248 Resp: 2920
Ion Ratio Lower Upper
248 100
250 94.7 80.5 120.7
141 81.0 72.0 108.0

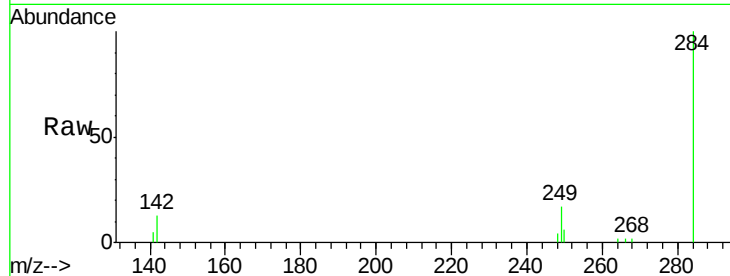




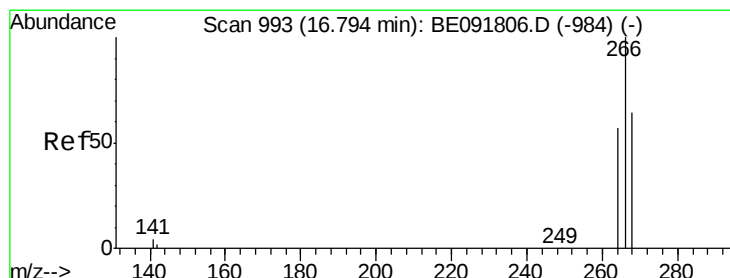
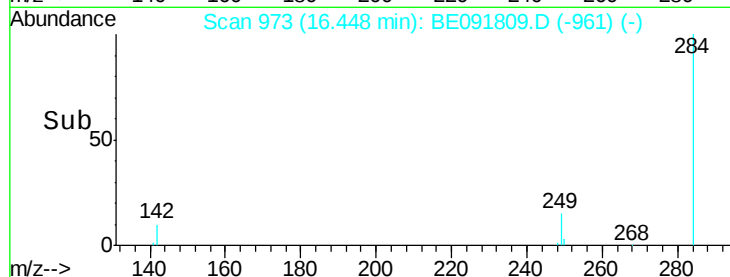
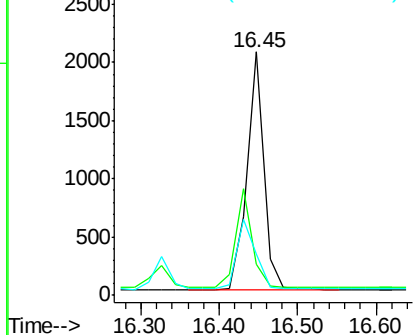
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 3082
Ion Ratio Lower Upper
284 100
142 39.7 32.2 48.2
249 32.8 25.4 38.2

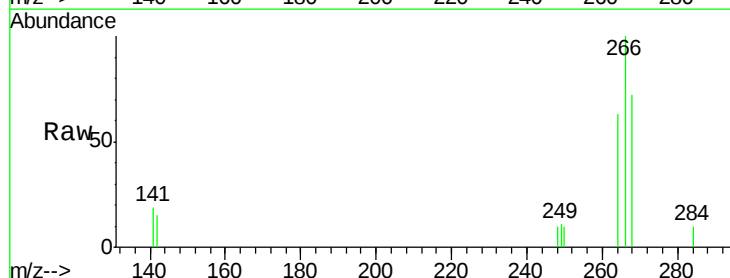


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

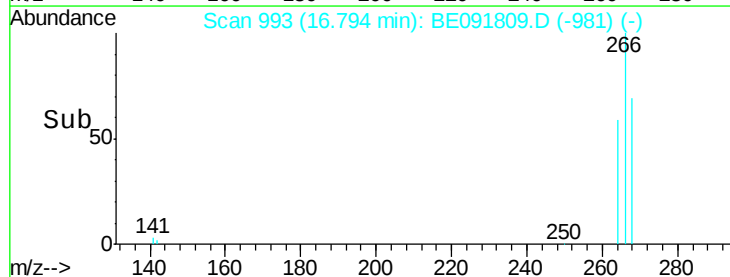
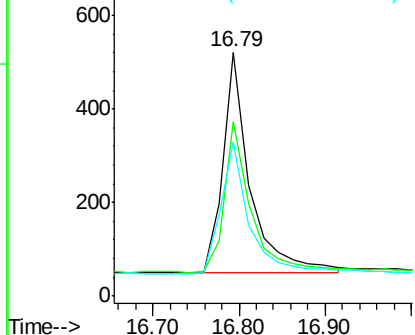


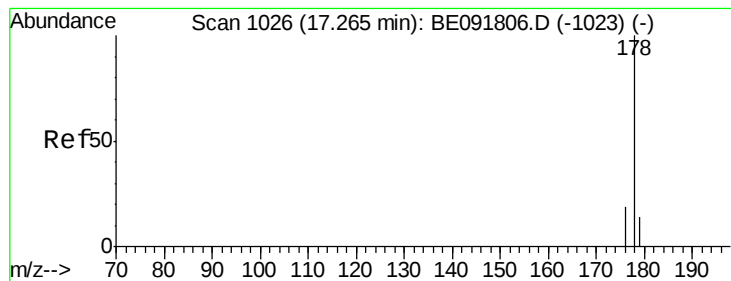
#22
Pentachlorophenol
Concen: 0.32 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:266 Resp: 1044
Ion Ratio Lower Upper
266 100
268 71.8 58.2 87.2
264 63.0 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: 0.39 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

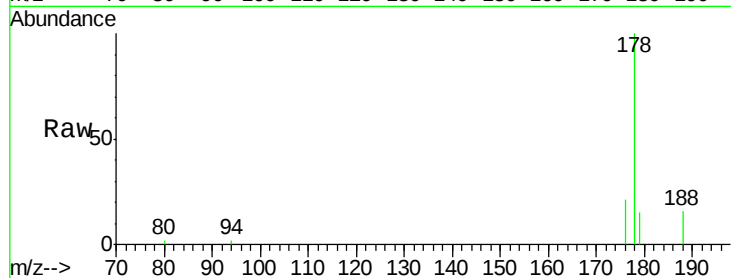
Tot Ion:178 Resp: 19270

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

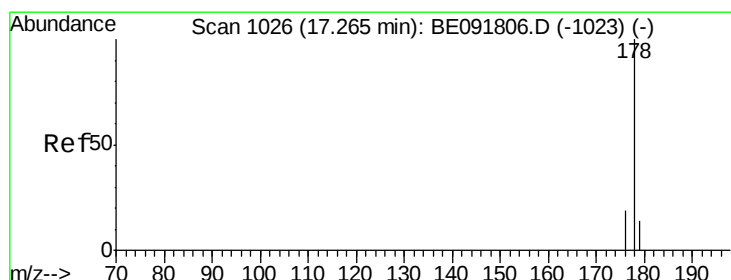
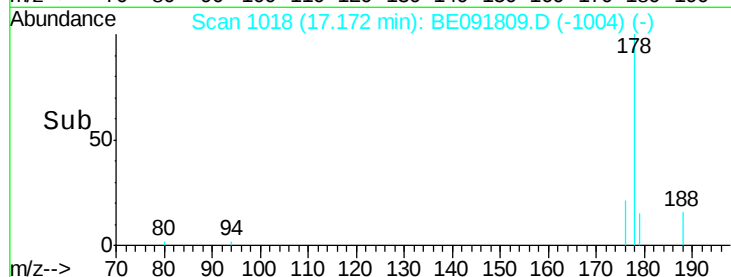
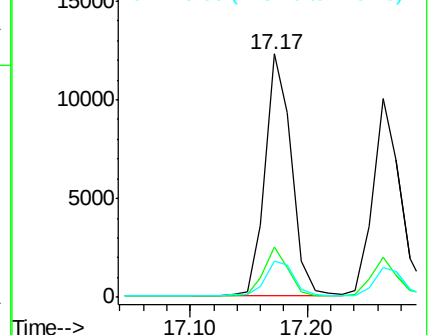
179 17.0 12.6 18.8



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: 0.37 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

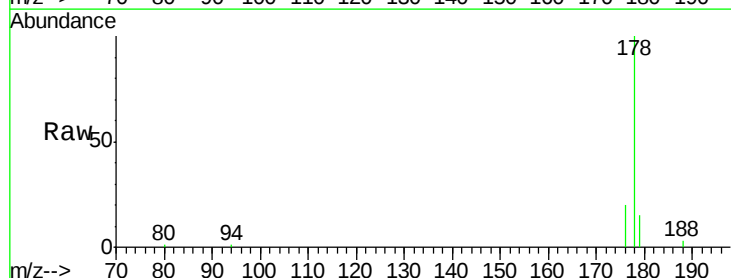
Tgt Ion:178 Resp: 16561

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

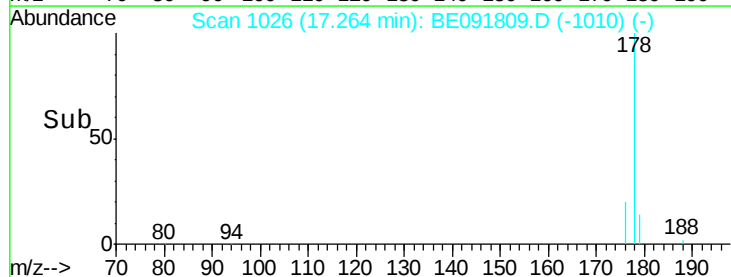
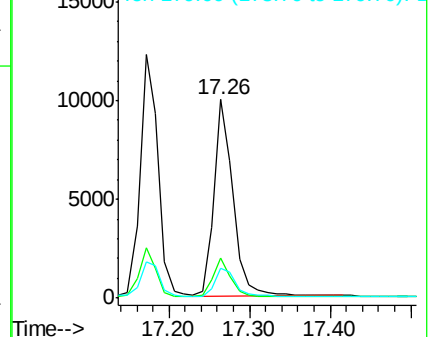
179 15.0 11.8 17.6



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: 0.38 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

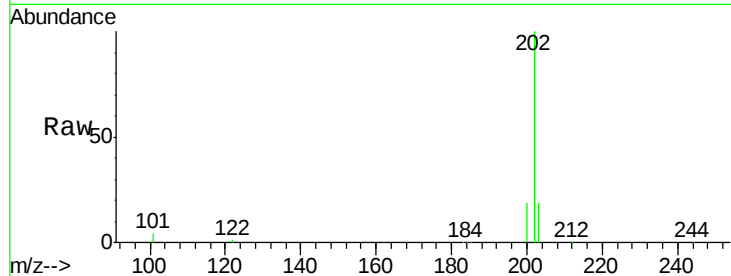
Tot Ion:202 Resp: 20622

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.6#

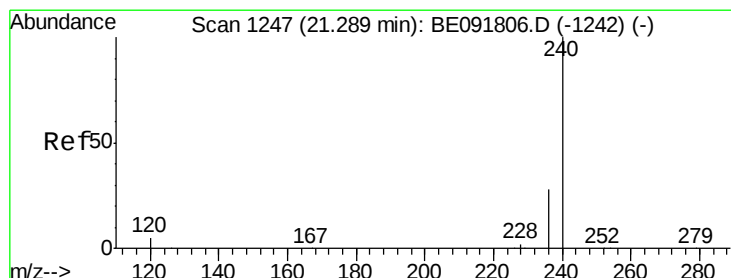
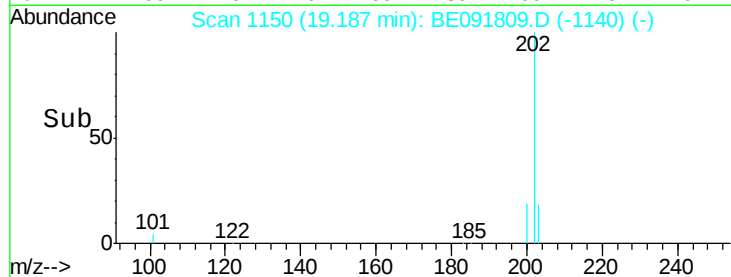
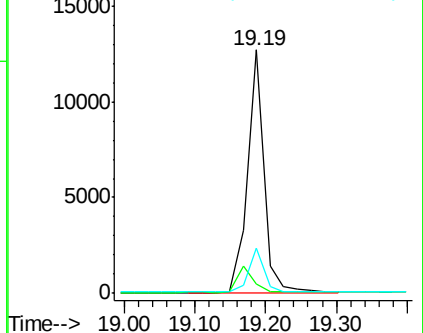
203 17.5 13.9 20.9



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: BE091809.D

Acq: 19 May 2016 14:26

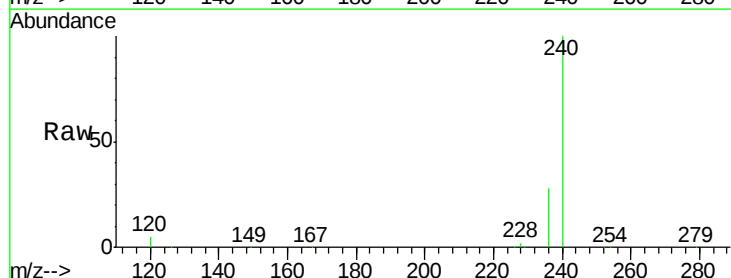
Tgt Ion:240 Resp: 277072

Ion Ratio Lower Upper

240 100

120 4.8 11.0 16.4#

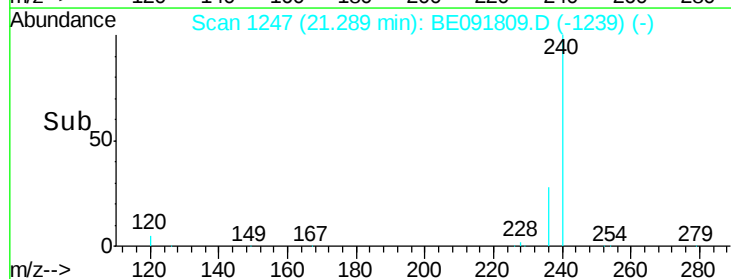
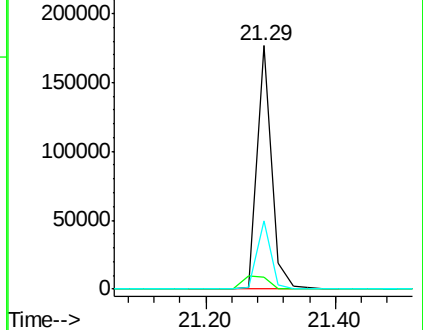
236 28.3 21.7 32.5

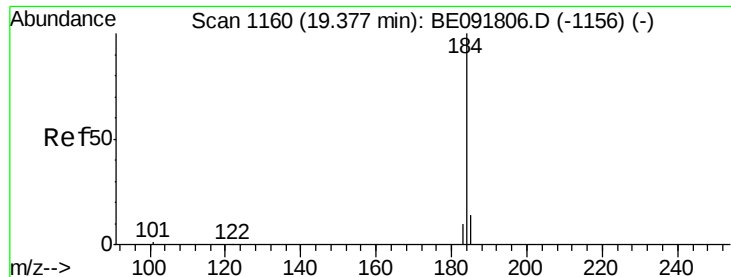


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.33 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

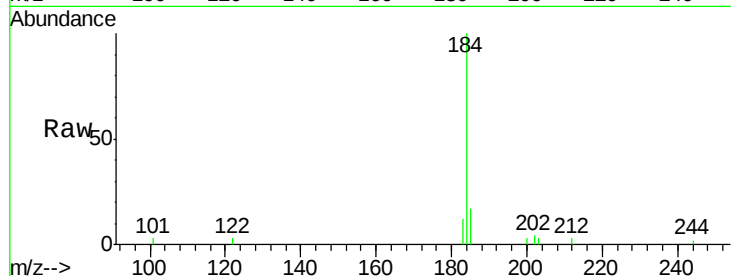
Tot Ion:184 Resp: 5390

Ion Ratio Lower Upper

184 100

185 17.2 22.3 33.5#

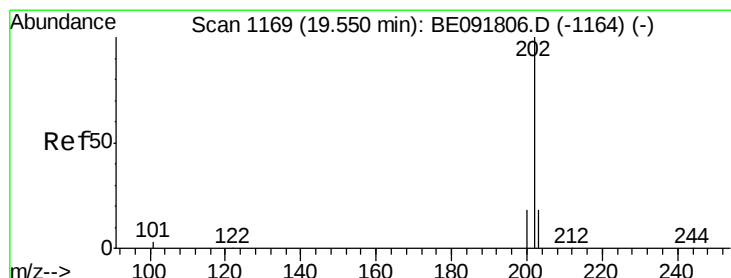
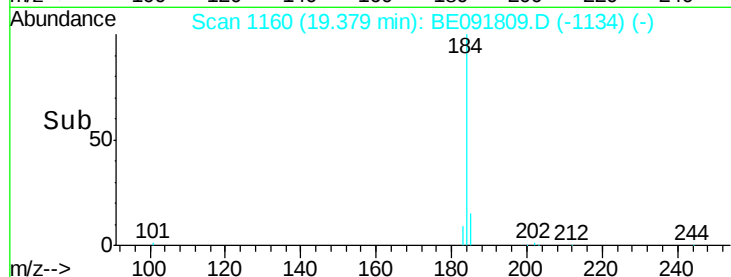
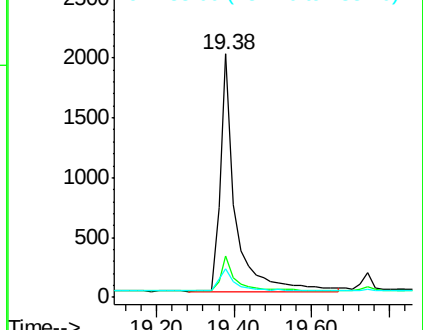
183 11.8 16.4 24.6#



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: 0.36 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

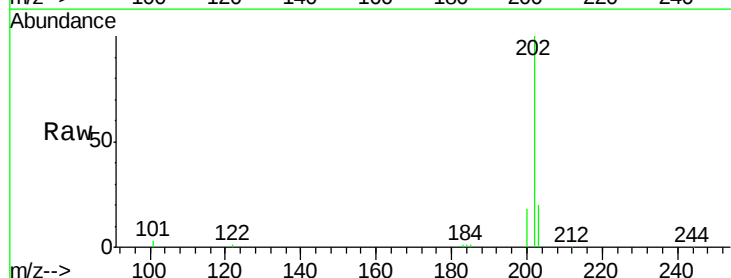
Tgt Ion:202 Resp: 21815

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

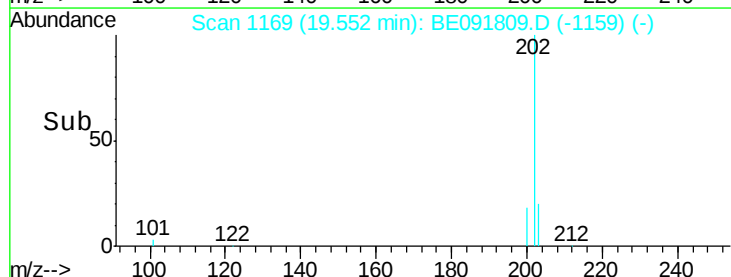
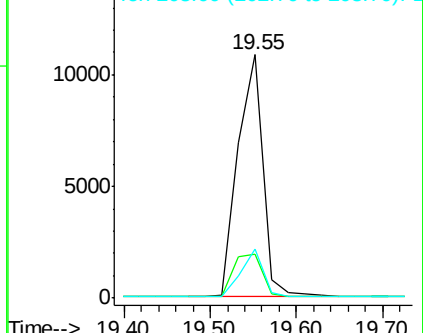
203 17.7 14.0 21.0

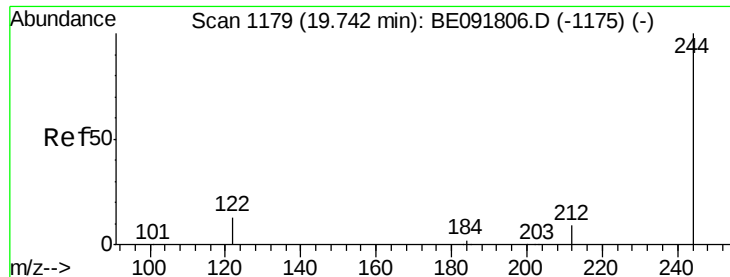


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

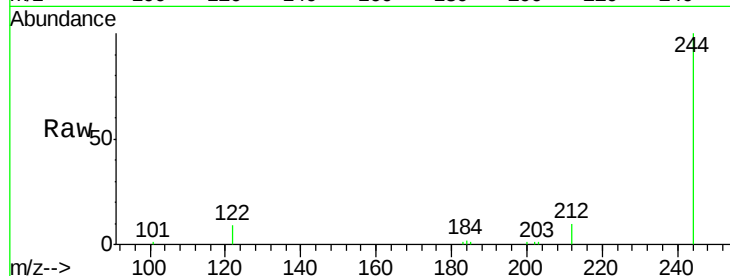
Tot Ion:244 Resp: 14680

Ion Ratio Lower Upper

244 100

212 9.6 6.9 10.3

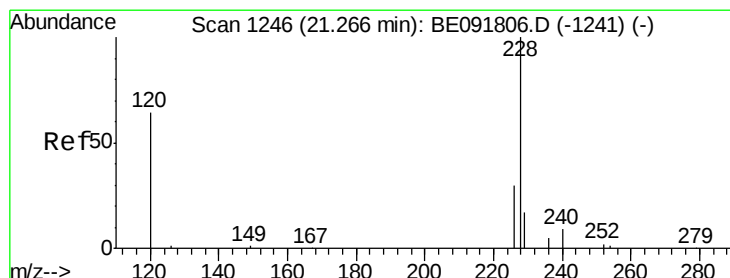
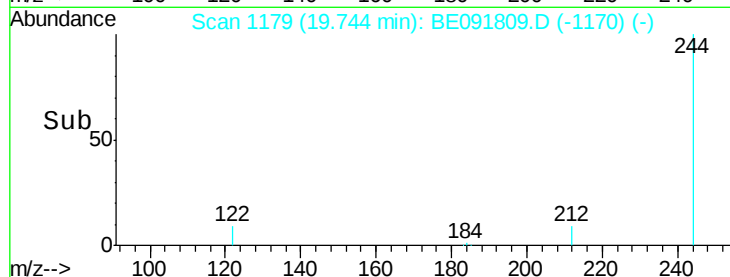
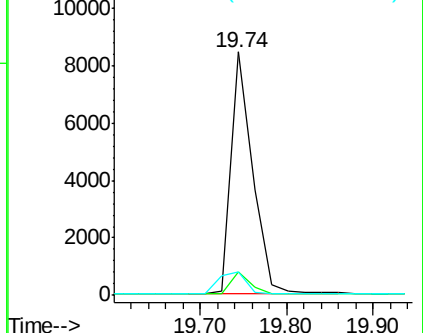
122 9.4 11.0 16.4#



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: 0.71 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

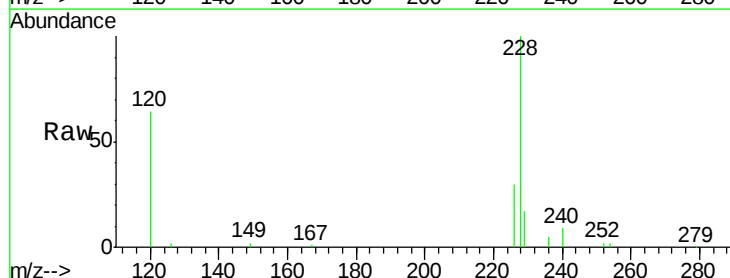
Tgt Ion:228 Resp: 47362

Ion Ratio Lower Upper

228 100

226 30.0 21.0 31.4

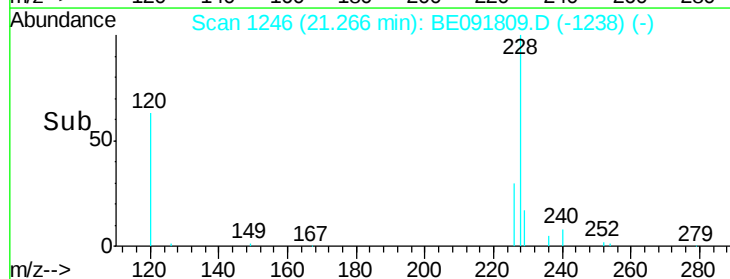
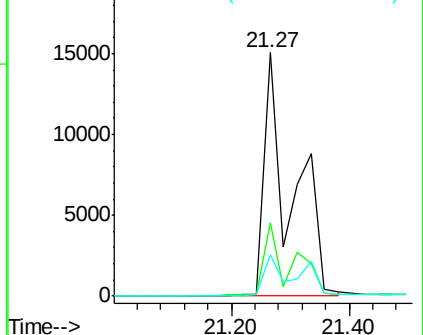
229 17.0 15.7 23.5



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

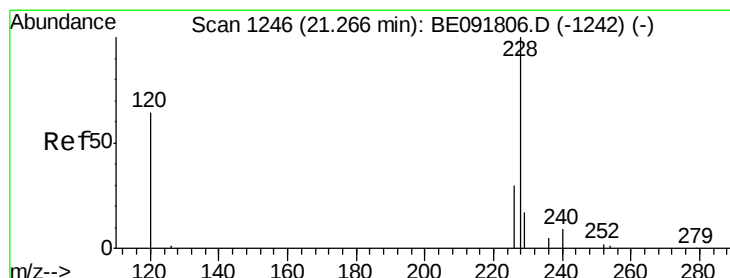
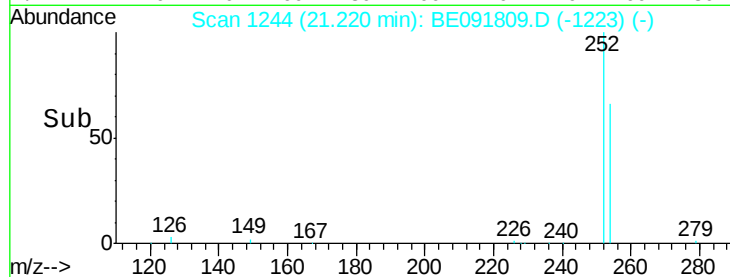
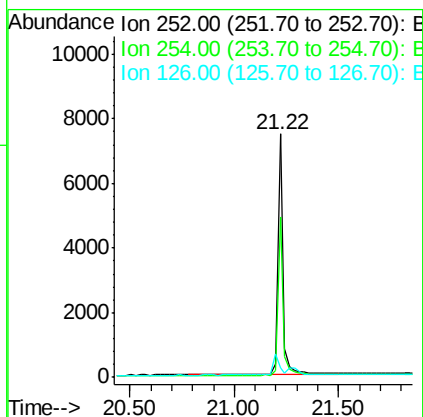
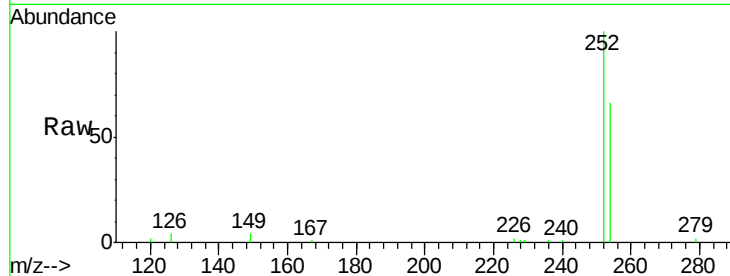




#31
 3,3'-Dichlorobenzidine
 Concen: 0.32 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

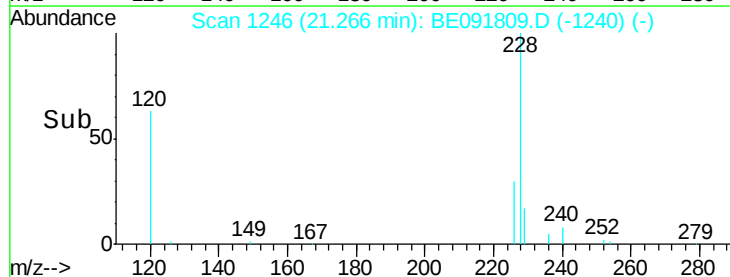
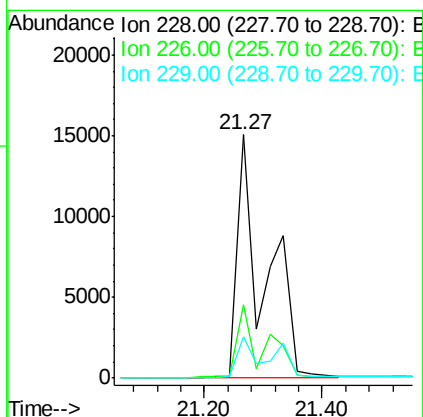
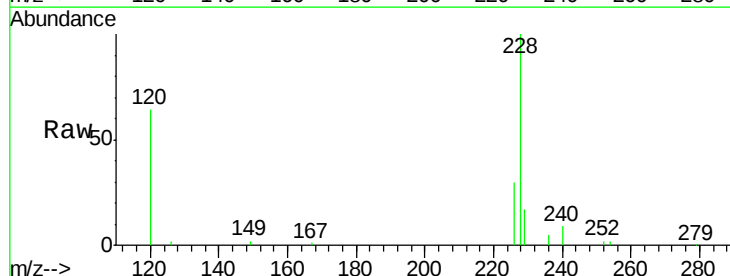
Instrument :
 BNA_E
 ClientSampleId :

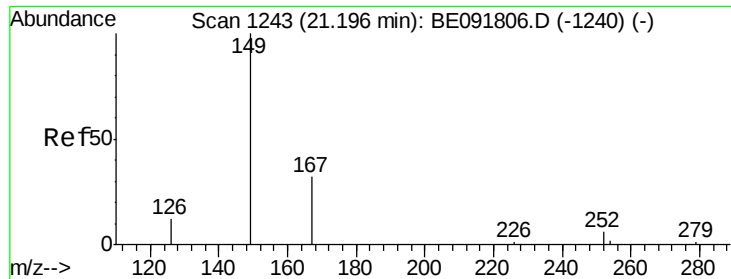
Tot Ion:252 Resp: 13436
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.1 76.7
 126 3.8 12.6 18.8#



#32
 Chrysene
 Concen: 0.86 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Tgt Ion:228 Resp: 47617
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 17.0 15.9 23.9

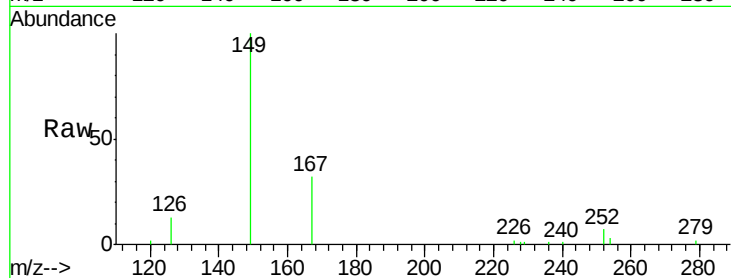




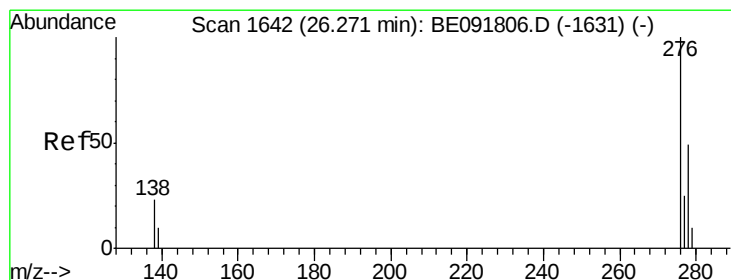
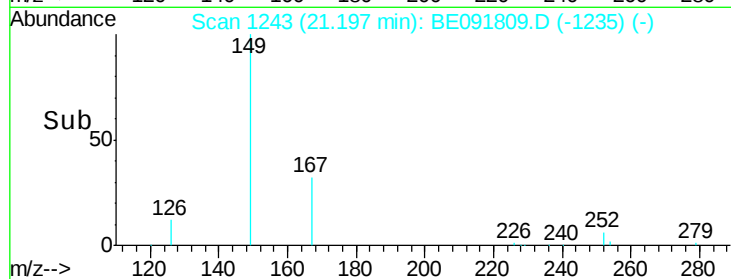
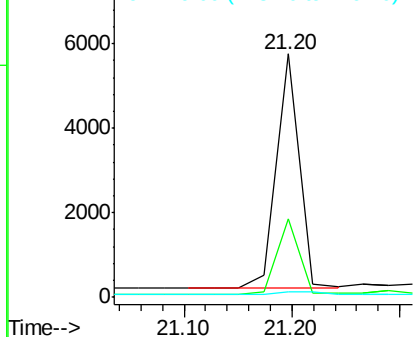
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 8245
 Ion Ratio Lower Upper
 149 100
 167 31.4 19.5 29.3#
 279 0.0 10.0 15.0#

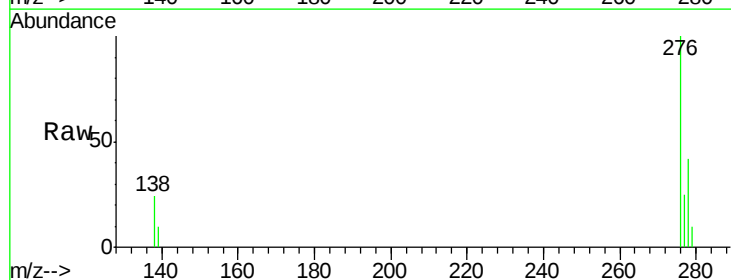


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

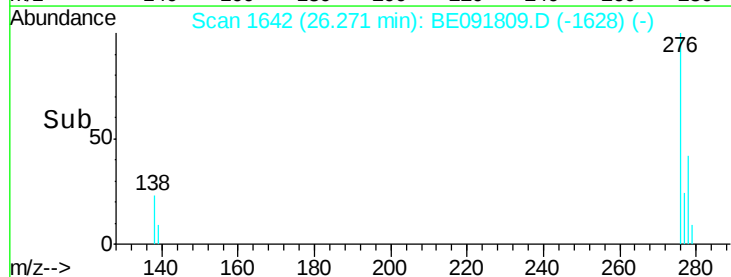
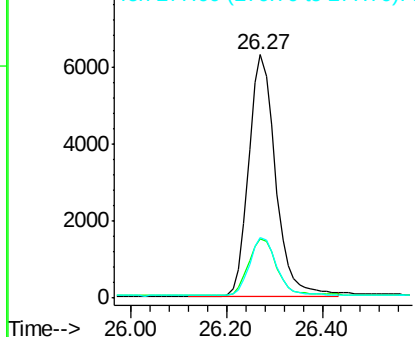


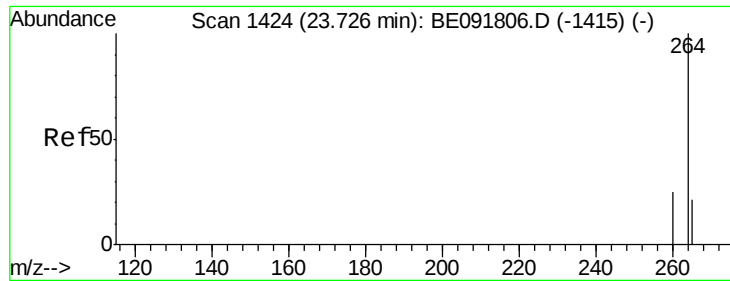
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Tgt Ion:276 Resp: 24419
 Ion Ratio Lower Upper
 276 100
 138 24.5 23.4 35.2
 277 24.7 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



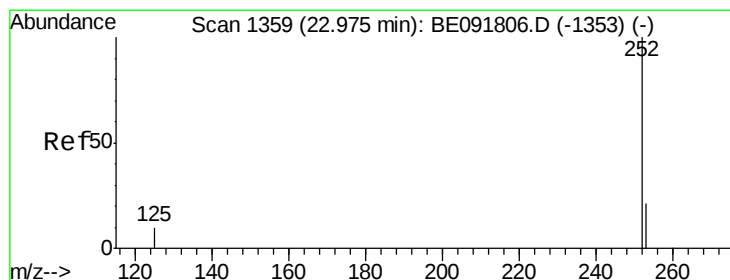
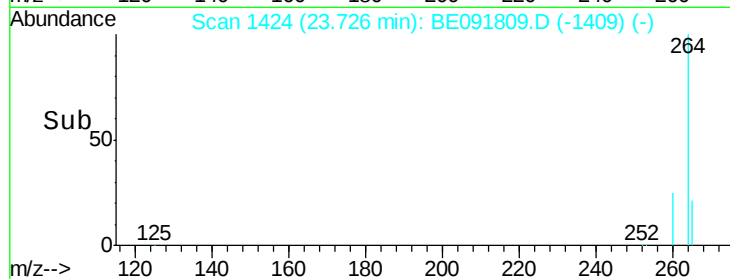
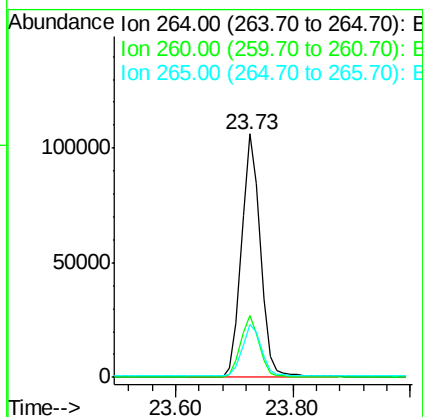
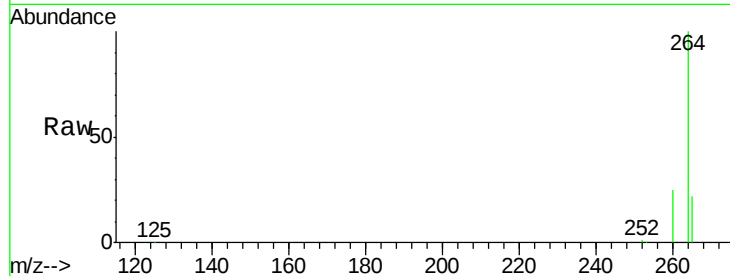


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 238237

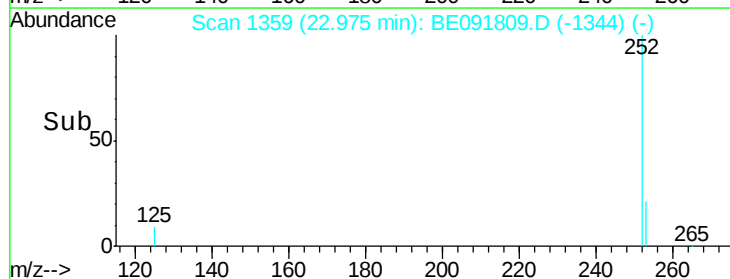
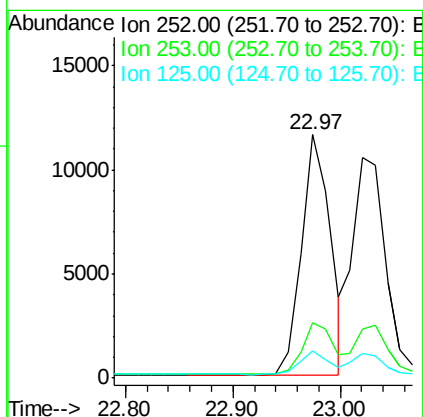
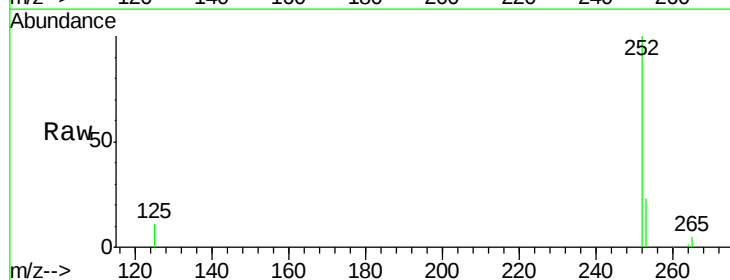
Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.9	17.5	26.3

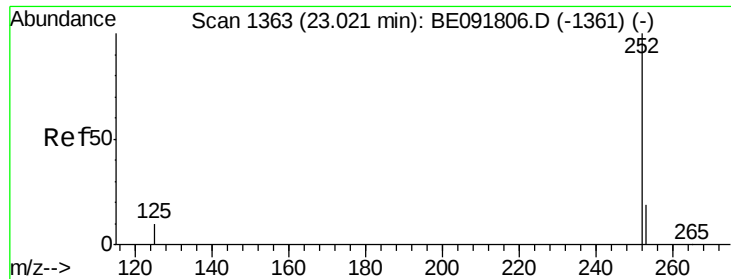


#36
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.97 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:252 Resp: 21679

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.0	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

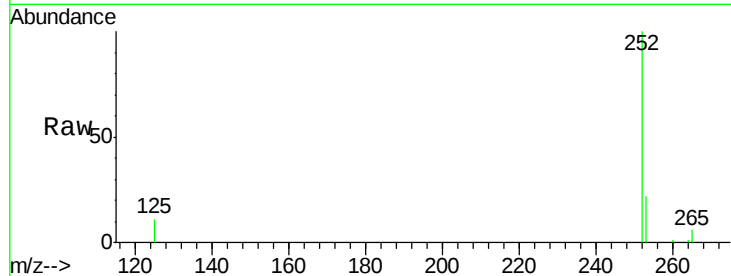
Tot Ion:252 Resp: 22494

Ion Ratio Lower Upper

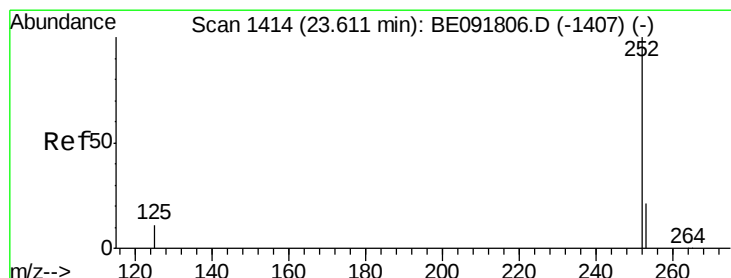
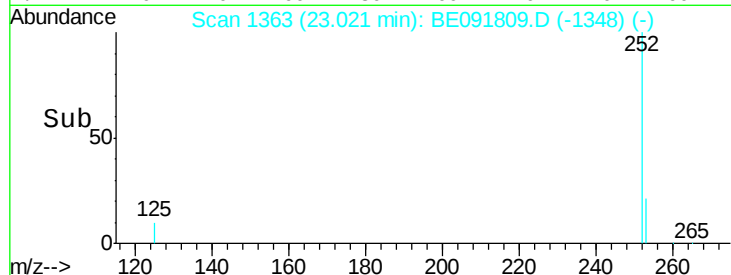
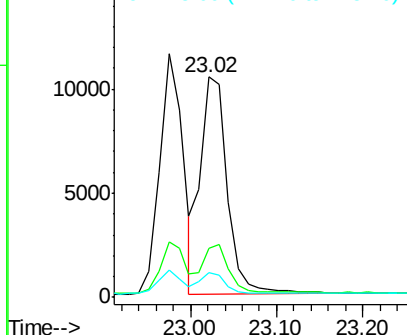
252 100

253 22.4 17.6 26.4

125 11.3 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: 0.36 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

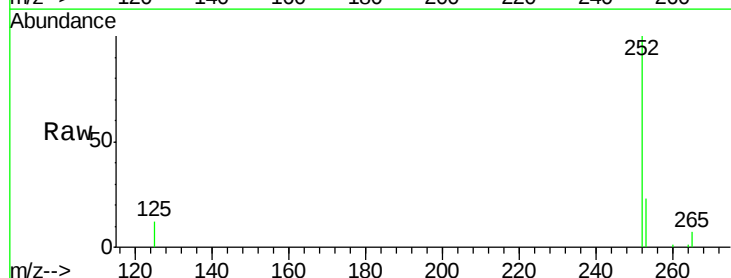
Tgt Ion:252 Resp: 20583

Ion Ratio Lower Upper

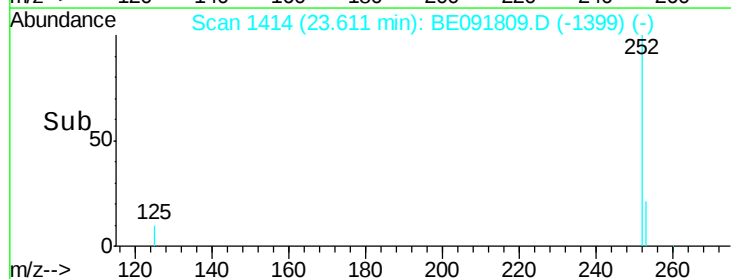
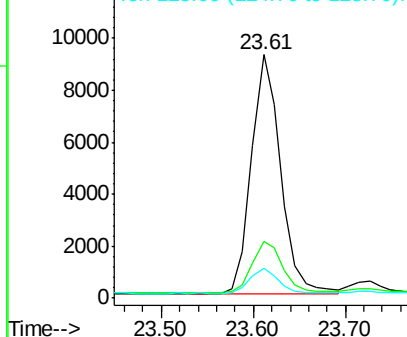
252 100

253 23.1 18.1 27.1

125 12.0 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: 0.36 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

ClientSampleId :

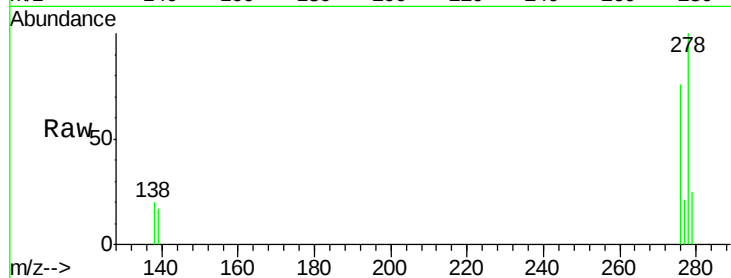
Tot Ion:278 Resp: 20059

Ion Ratio Lower Upper

278 100

139 17.5 16.0 24.0

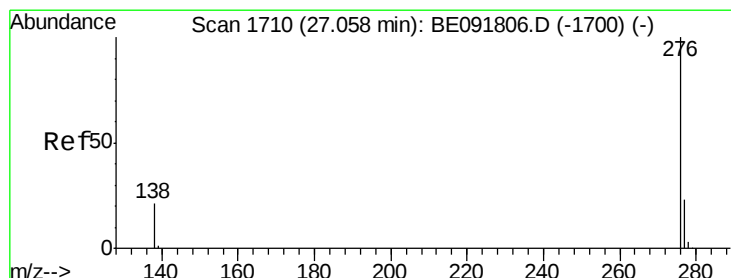
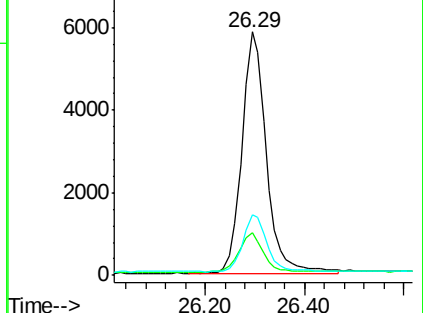
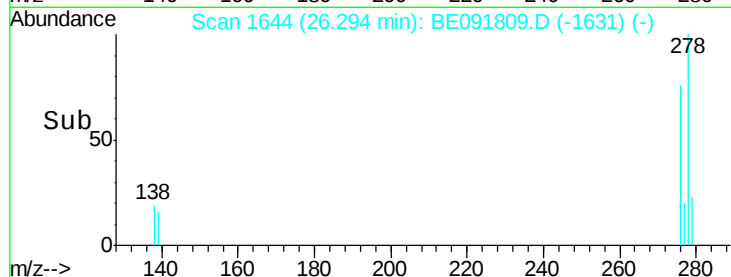
279 24.7 19.4 29.2



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: 0.37 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

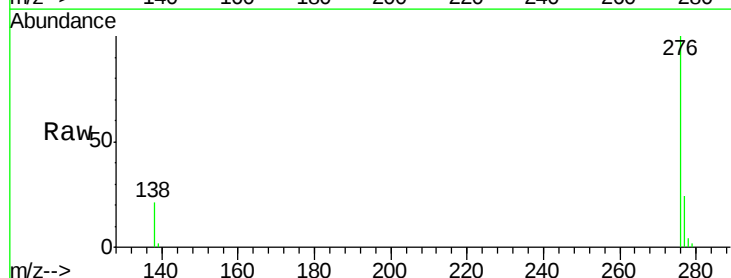
Tgt Ion:276 Resp: 21120

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 21.0 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

