

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091821.D
 Acq On : 19 May 2016 22:00
 Operator : UM/SJ
 Sample : H3084-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-160512

Quant Time: May 20 04:50:21 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	7.80	152	23935	5.00	ng	0.00
7) Naphthalene-d8	10.59	136	118786	5.00	ng	0.02
13) Acenaphthene-d10	14.43	164	96741	5.00	ng	0.01
19) Phenanthrene-d10	17.15	188	194937	5.00	ng	0.00
26) Chrysene-d12	21.29	240	214269	5.00	ng	-0.02
35) Perylene-d12	23.74	264	221324	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	31977	5.11	ng	0.02
5) Phenol-d6	7.01	99	31087	3.53	ng	0.05
8) Nitrobenzene-d5	8.97	82	36828	4.68	ng	0.02
14) 2,4,6-Tribromophenol	15.91	330	35978	9.58	ng	0.01
15) 2-Fluorobiphenyl	13.06	172	169337	6.19	ng	0.02
29) Terphenyl-d14	19.74	244	155354	5.12	ng	-0.02

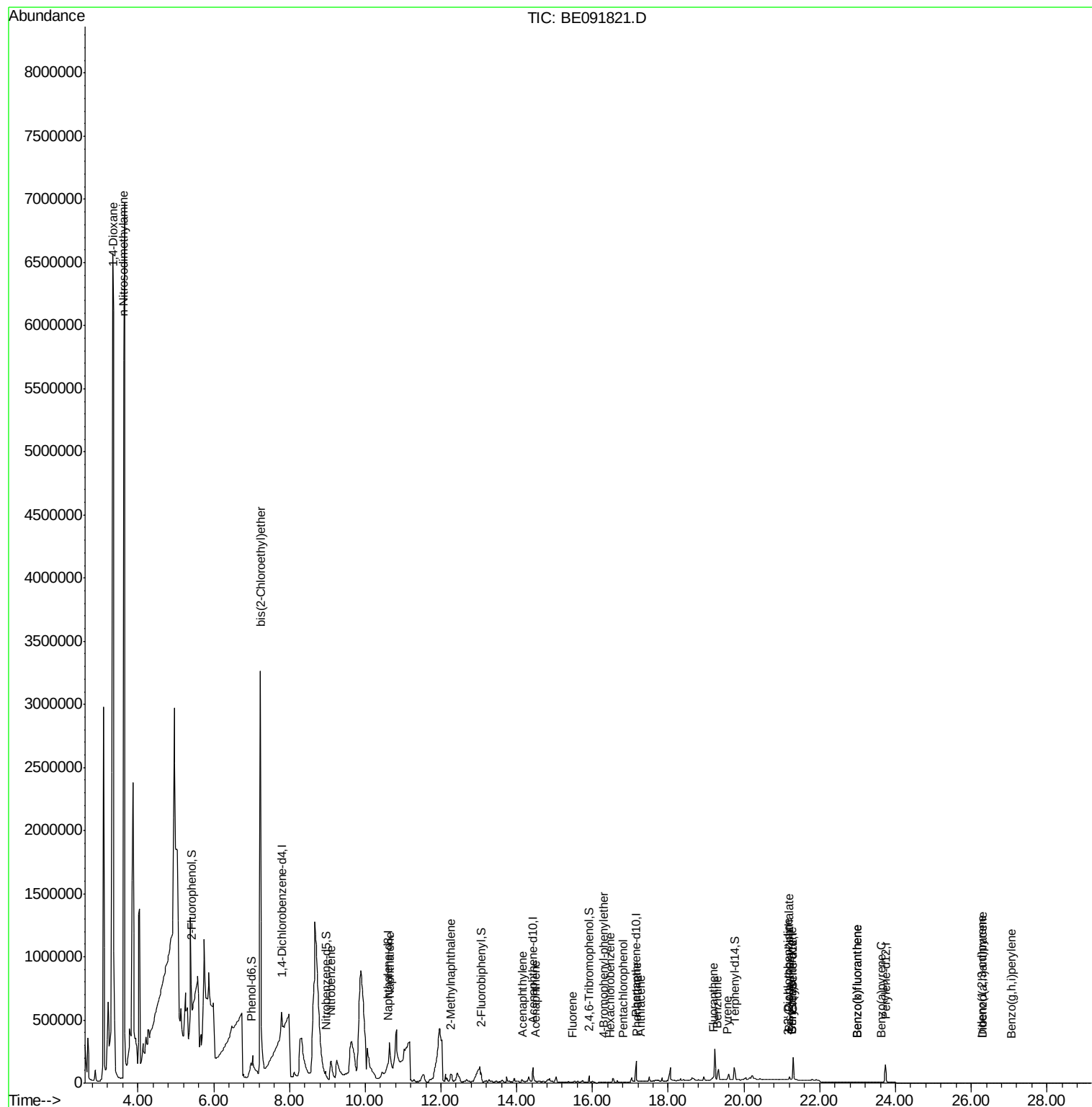
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	6355737	2449.79	ng	89
3) n-Nitrosodimethylamine	3.62	42	874828	228.96	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	2938706	415.65	ng	# 70
9) Nitrobenzene	9.10	77	112624	13.91	ng	# 16
10) Naphthalene	10.65	128	595613	22.66	ng	# 88
12) 2-Methylnaphthalene	12.26	142	79990	4.52	ng	# 74
16) Acenaphthylene	14.16	152	8417	0.20	ng	# 72
17) Acenaphthene	14.50	154	4465	0.17	ng	# 31
18) Fluorene	15.47	166	2720	0.08	ng	# 43
20) 4-Bromophenyl-phenylether	16.29	248	71	0.01	ng	# 2
21) Hexachlorobenzene	16.46	284	97	0.01	ng	# 38
22) Pentachlorophenol	16.81	266	329	0.10	ng	# 88
23) Phenanthrene	17.18	178	7394	0.09	ng	# 51
24) Anthracene	17.26	178	3488	0.08	ng	# 26
25) Fluoranthene	19.19	202	8581	0.17	ng	# 27
27) Benzdine	19.30	184	4457	0.35	ng	# 1
28) Pyrene	19.55	202	5832	0.12	ng	# 23
30) Benzo(a)anthracene	21.27	228	5540	0.11	ng	# 1
31) 3,3'-Dichlorobenzidine	21.17	252	2379	0.07	ng	# 32
32) Chrysene	21.27	228	5790	0.17	ng	# 2
33) Bis(2-ethylhexyl)phthalate	21.20	149	37388	1.45	ng	# 81
34) Indeno(1,2,3-cd)pyrene	26.27	276	1332	0.03	ng	# 38
36) Benzo(b)fluoranthene	22.99	252	3484	0.06	ng	# 1
37) Benzo(k)fluoranthene	22.99	252	3484	0.06	ng	# 1
38) Benzo(a)pyrene	23.62	252	1687	0.03	ng	# 1
39) Dibenzo(a,h)anthracene	26.29	278	451	0.01	ng	# 1
40) Benzo(g,h,i)perylene	27.06	276	1135	0.02	ng	# 1

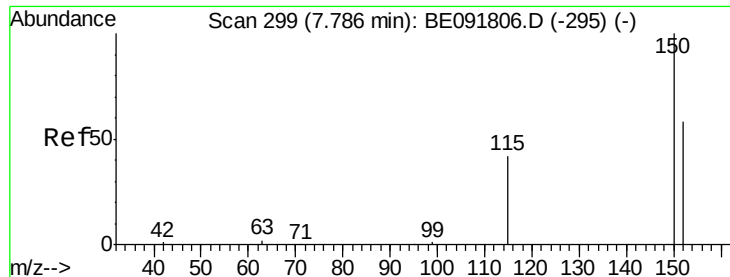
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

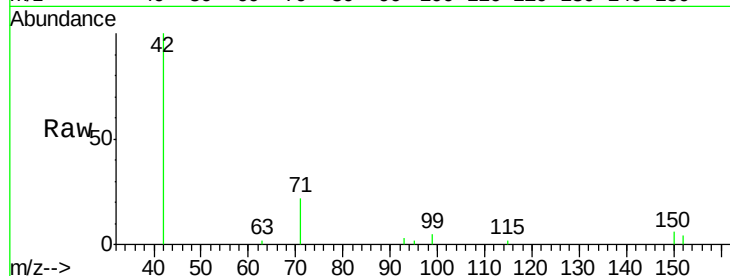
Tgt Ion:152 Resp: 23935

Ion Ratio Lower Upper

152 100

150 146.9 122.6 183.8

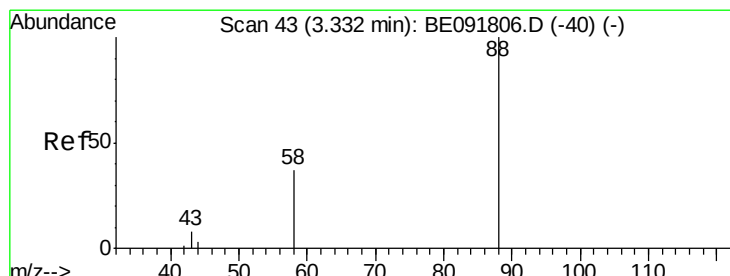
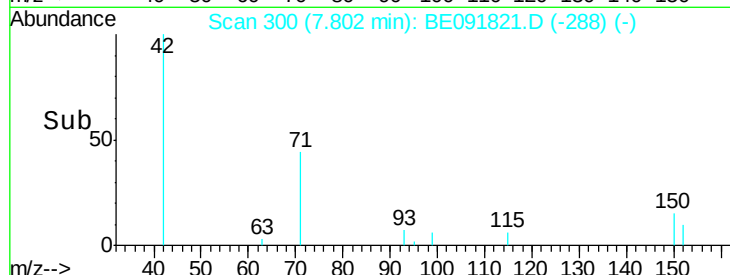
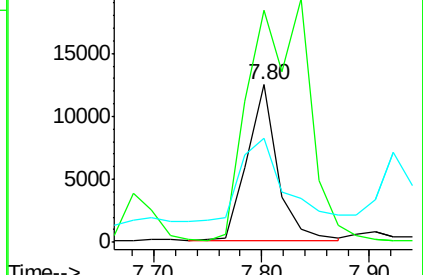
115 66.0 52.8 79.2



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: 2449.79 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

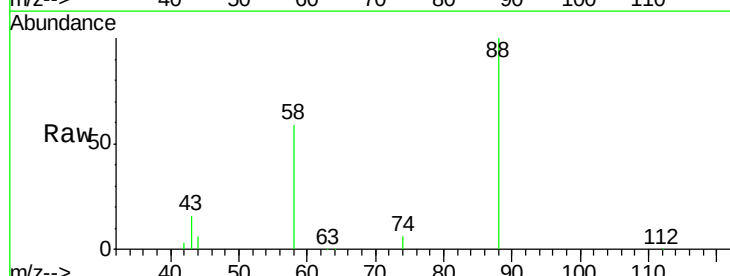
Tgt Ion: 88 Resp: 6355737

Ion Ratio Lower Upper

88 100

58 92.6 65.8 98.6

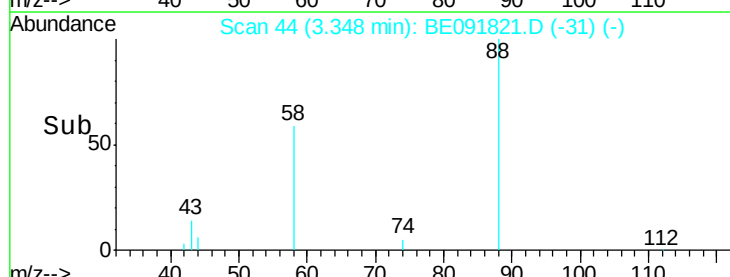
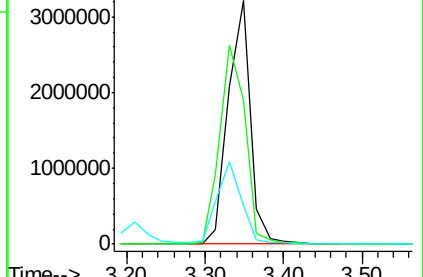
43 37.5 25.3 37.9

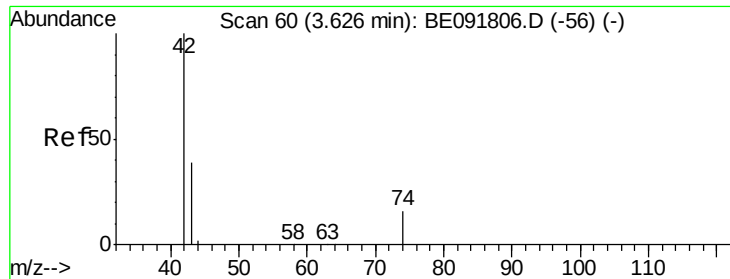


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 228.96 ng

RT: 3.62 min Scan# 60

Delta R.T. -0.00 min

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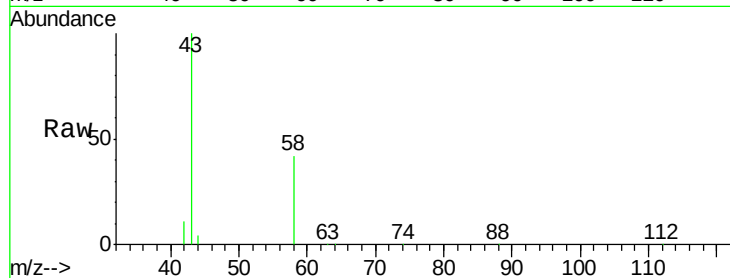
Tgt Ion: 42 Resp: 874828

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

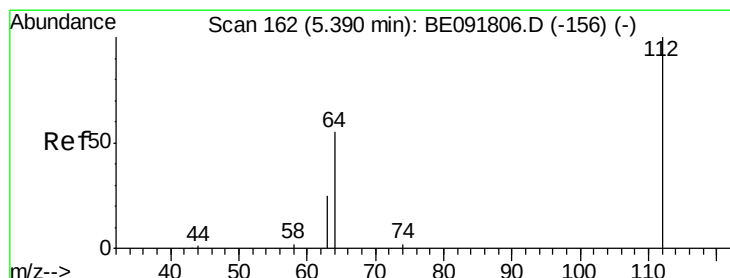
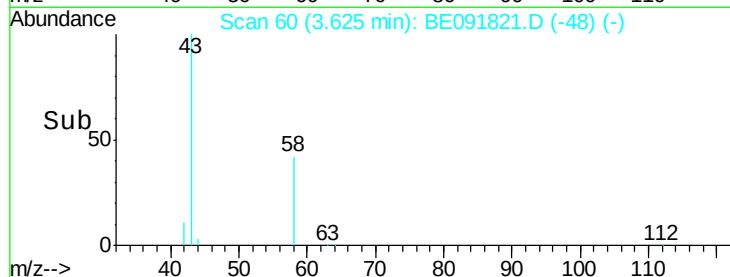
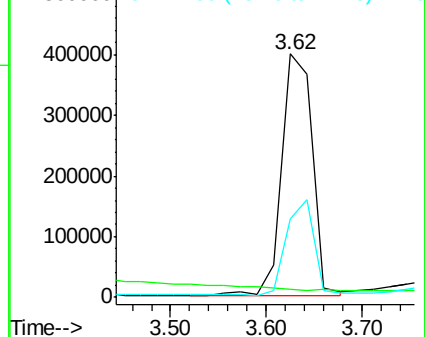
44 35.9 6.6 9.8#



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: 5.11 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

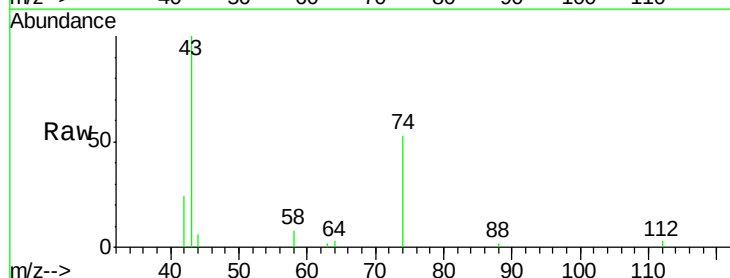
Tgt Ion: 112 Resp: 31977

Ion Ratio Lower Upper

112 100

64 100.0 30.9 46.3#

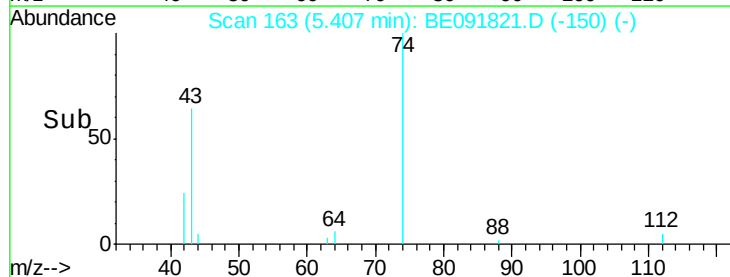
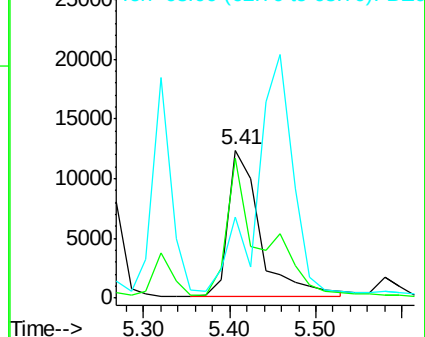
63 0.0 16.7 25.1#

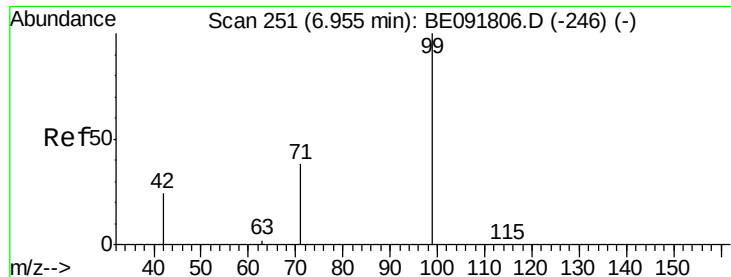


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.53 ng

RT: 7.01 min Scan# 254

Delta R.T. 0.05 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

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KY032MW006-160512

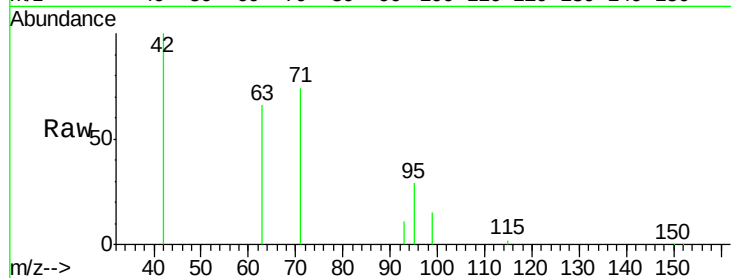
Tgt Ion: 99 Resp: 31087

Ion Ratio Lower Upper

99 100

42 724.2 16.2 24.2#

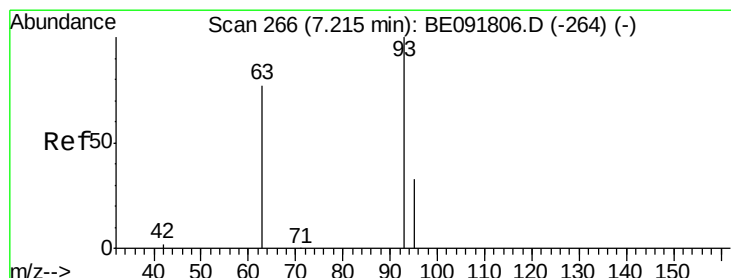
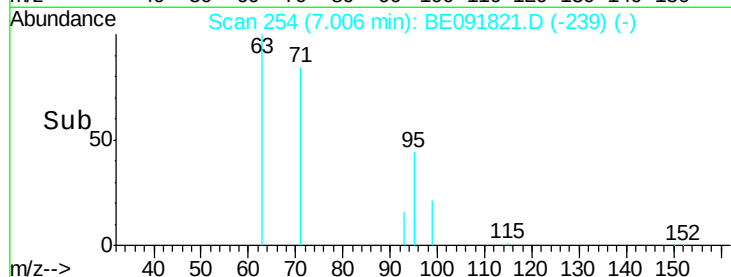
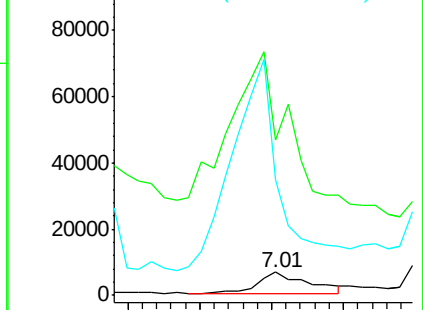
71 947.7 29.0 43.4#



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: 415.65 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

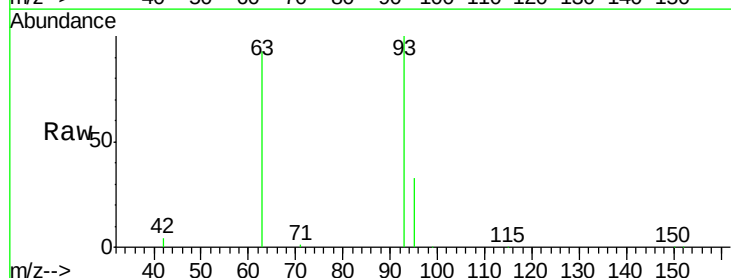
Tgt Ion: 93 Resp: 2938706

Ion Ratio Lower Upper

93 100

63 91.1 49.5 74.3#

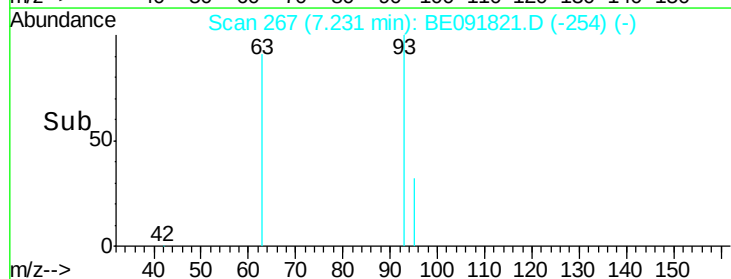
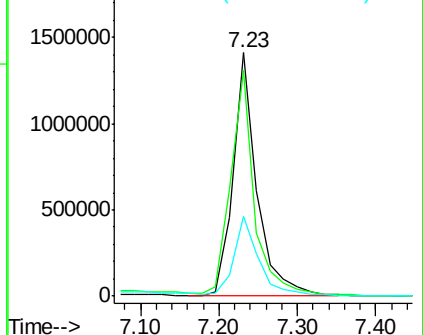
95 33.9 22.2 33.4#

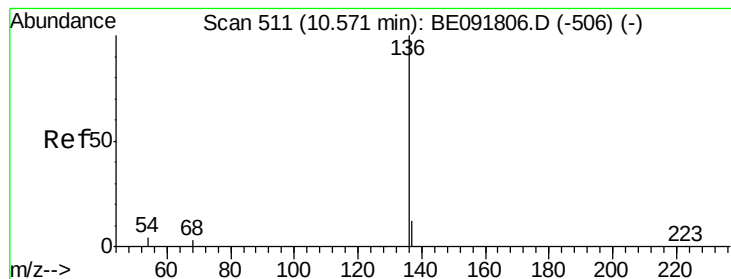


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 512

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

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ClientSampleId :

KY032MW006-160512

Tgt Ion:136 Resp: 118786

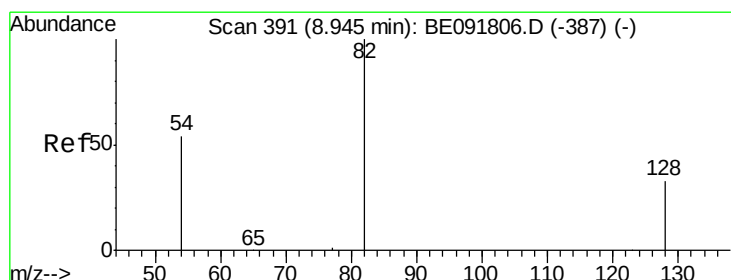
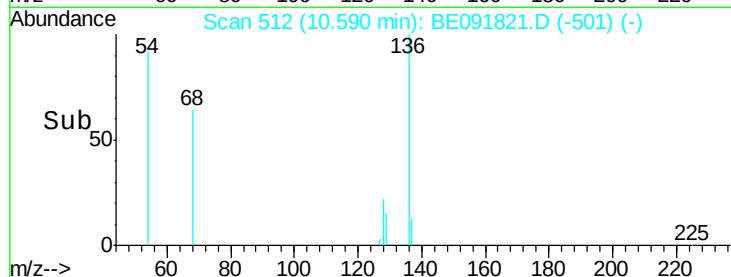
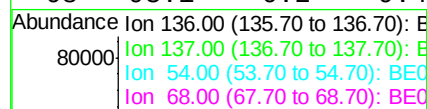
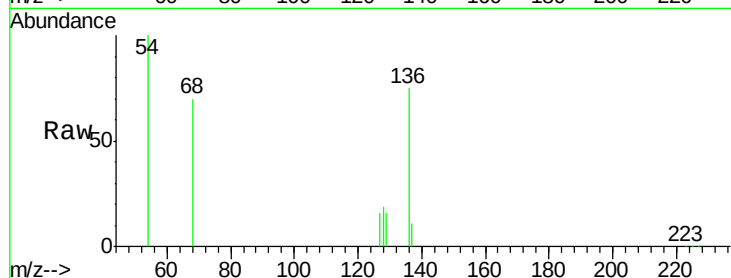
Ion Ratio Lower Upper

136 100

137 14.2 8.9 13.3#

54 132.6 8.2 12.4#

68 93.1 6.2 9.4#



#8

Nitrobenzene-d5

Concen: 4.68 ng

RT: 8.97 min Scan# 393

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

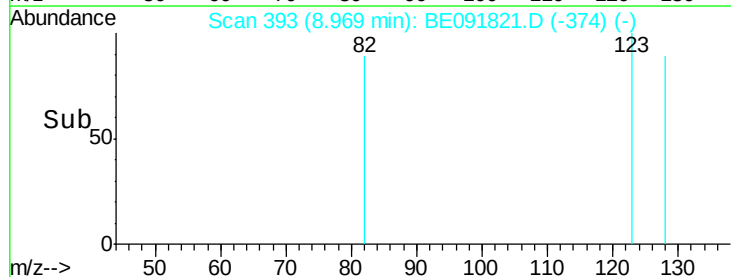
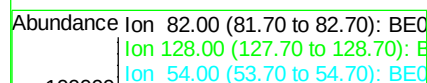
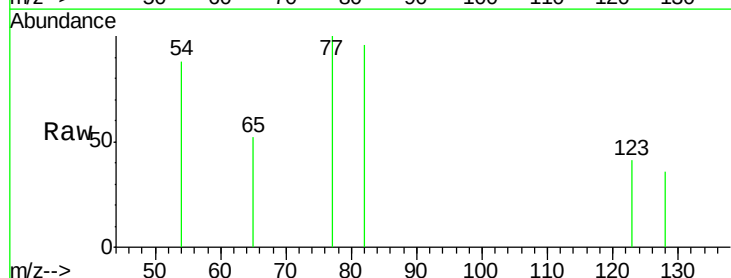
Tgt Ion: 82 Resp: 36828

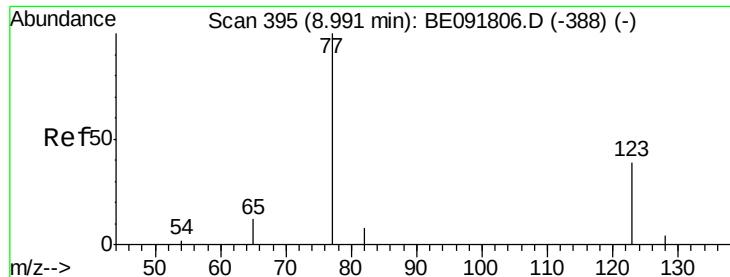
Ion Ratio Lower Upper

82 100

128 37.2 25.4 38.0

54 92.3 48.4 72.6#





#9

Nitrobenzene

Concen: 13.91 ng

RT: 9.10 min Scan# 404

Delta R.T. 0.10 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

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BNA_E

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KY032MW006-160512

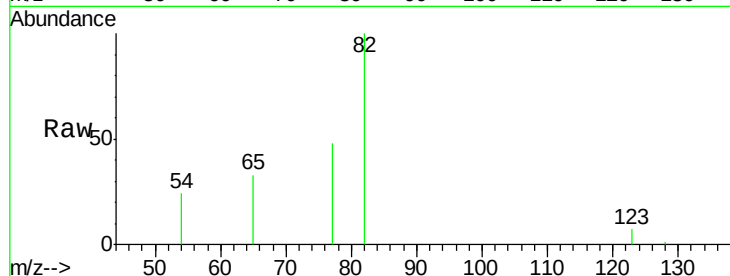
Tgt Ion: 77 Resp: 112624

Ion Ratio Lower Upper

77 100

123 10.8 26.9 40.3#

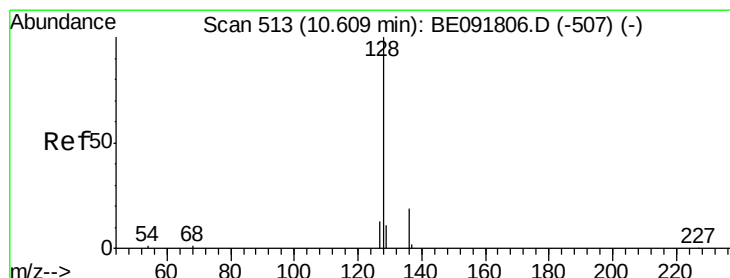
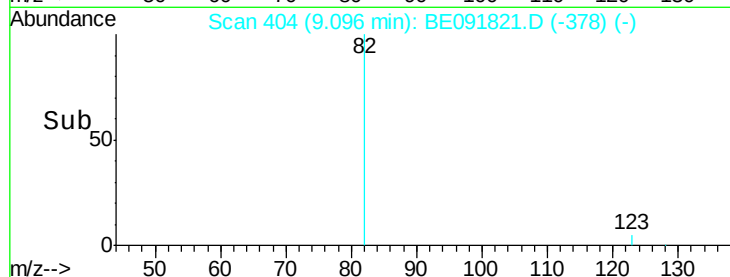
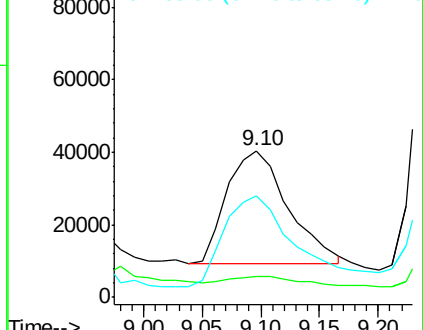
65 92.0 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 22.66 ng

RT: 10.65 min Scan# 515

Delta R.T. 0.04 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

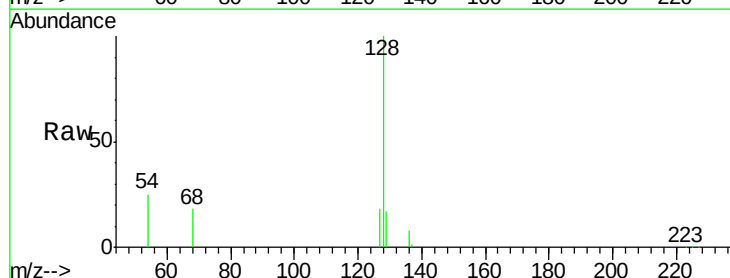
Tgt Ion: 128 Resp: 595613

Ion Ratio Lower Upper

128 100

129 17.1 9.3 13.9#

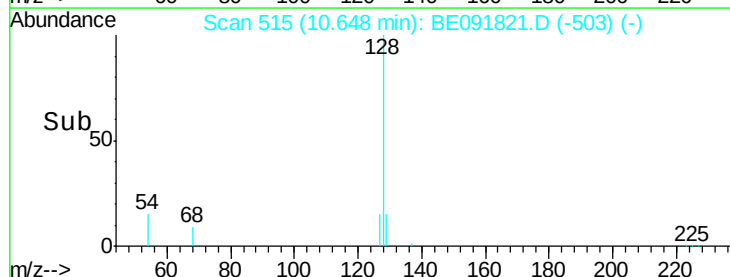
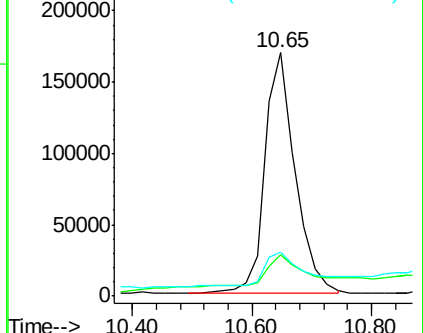
127 17.8 10.7 16.1#

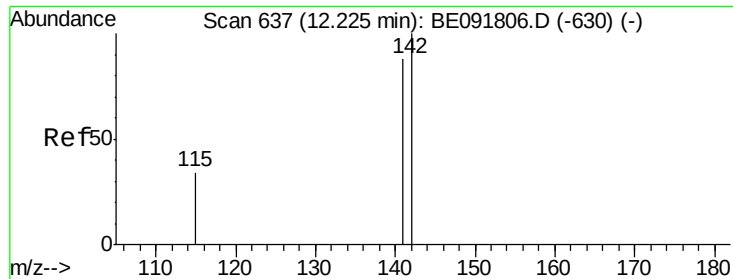


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

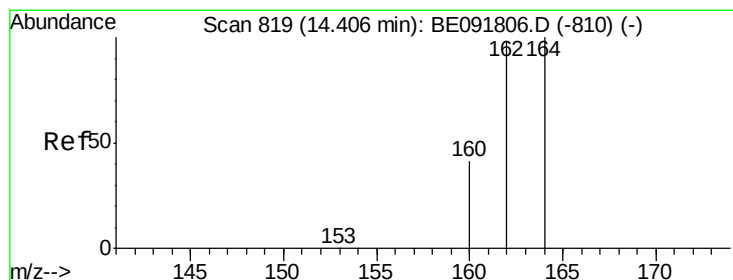
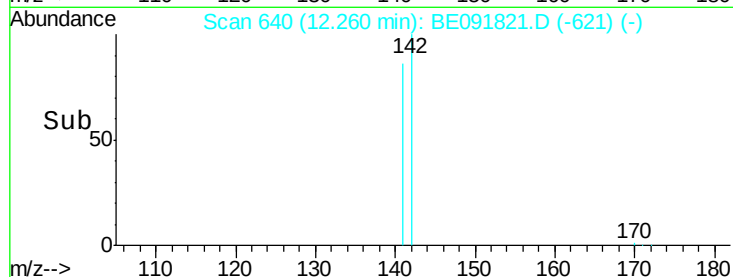
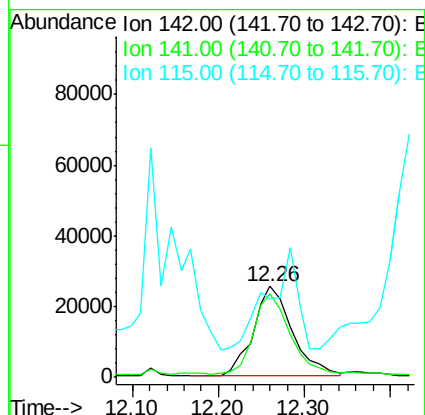
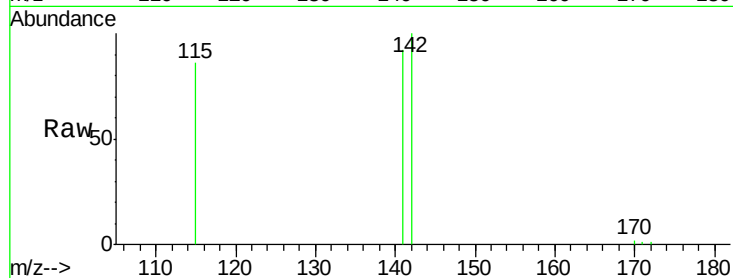




#12
2-Methylnaphthalene
Concen: 4.52 ng
RT: 12.26 min Scan# 640
Delta R.T. 0.02 min
Lab File: BE091821.D
Acq: 19 May 2016 22:00

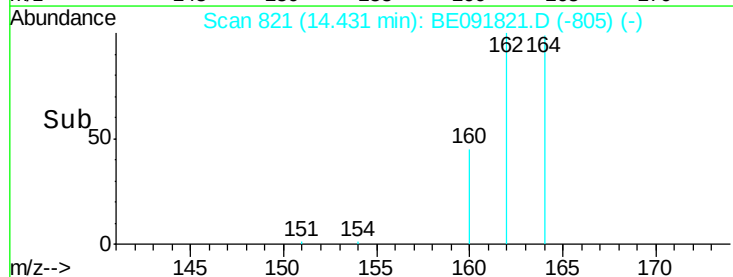
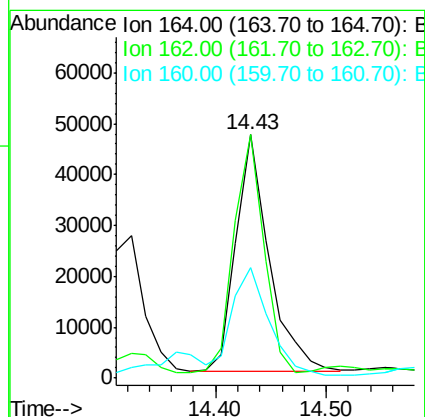
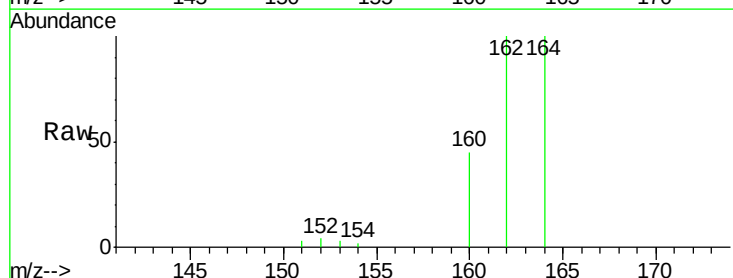
Instrument :
BNA_E
ClientSampleId :
KY032MW006-160512

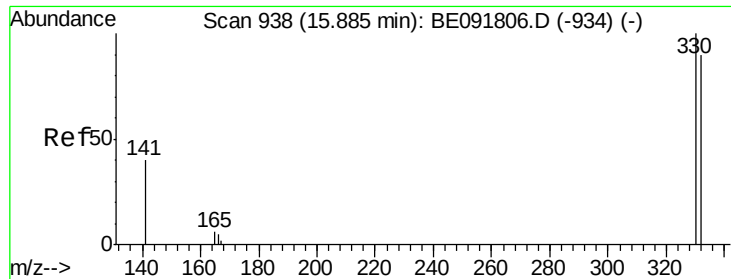
Tgt Ion:142 Resp: 79990
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.0
115 86.5 30.3 45.5#



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. 0.01 min
Lab File: BE091821.D
Acq: 19 May 2016 22:00

Tgt Ion:164 Resp: 96741
Ion Ratio Lower Upper
164 100
162 99.8 85.3 127.9
160 45.5 46.2 69.2#

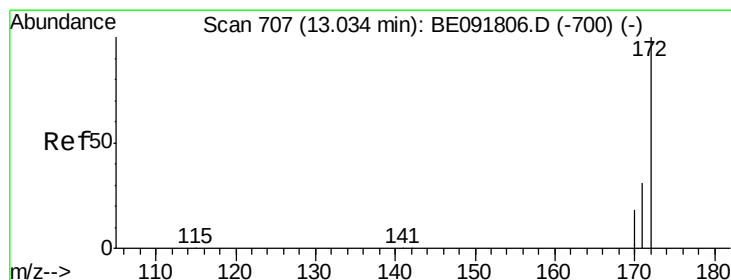
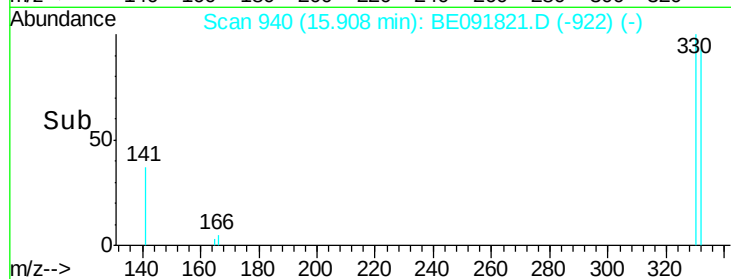
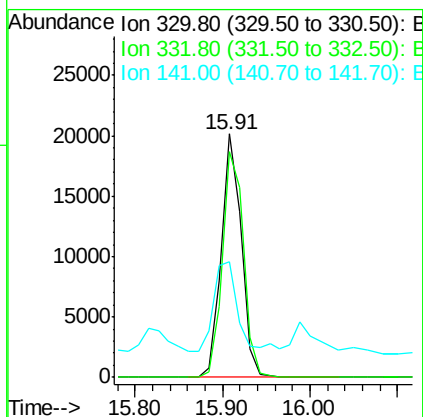
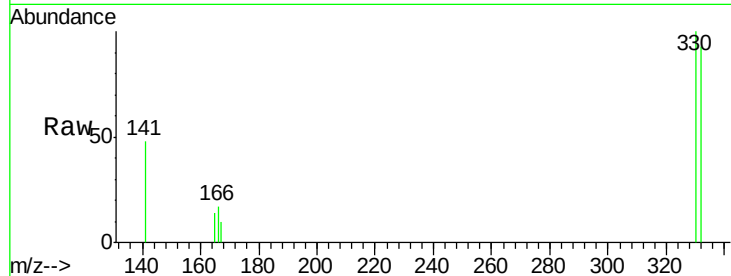




#14
 2,4,6-Tribromophenol
 Concen: 9.58 ng
 RT: 15.91 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BE091821.D
 Acq: 19 May 2016 22:00

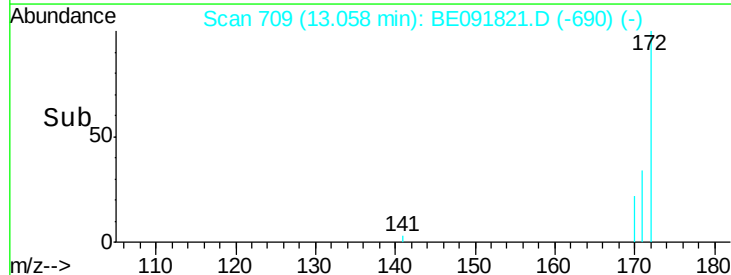
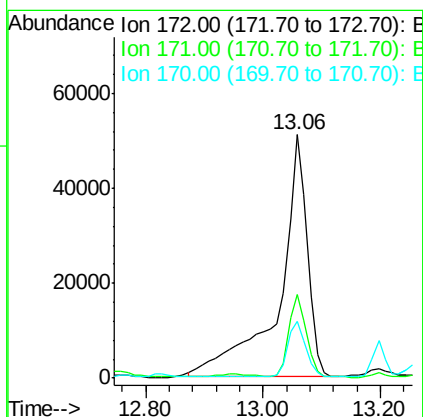
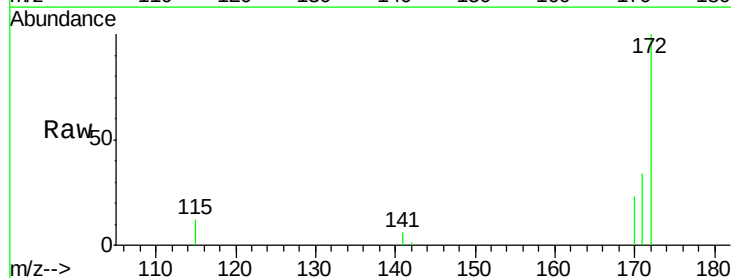
Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-160512

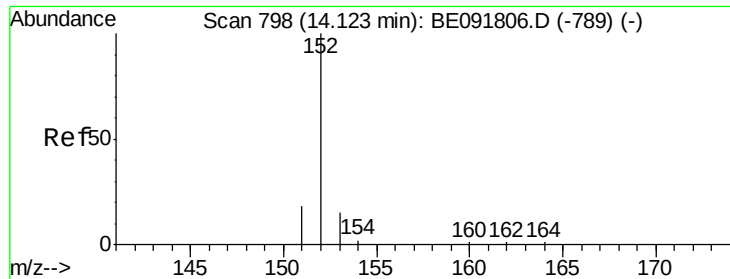
Tgt Ion:330 Resp: 35978
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.1 118.7
 141 37.7 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 6.19 ng
 RT: 13.06 min Scan# 709
 Delta R.T. 0.02 min
 Lab File: BE091821.D
 Acq: 19 May 2016 22:00

Tgt Ion:172 Resp: 169337
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.8 43.2
 170 23.5 19.3 28.9





#16

Acenaphthylene

Concen: 0.20 ng

RT: 14.16 min Scan# 801

Delta R.T. 0.04 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

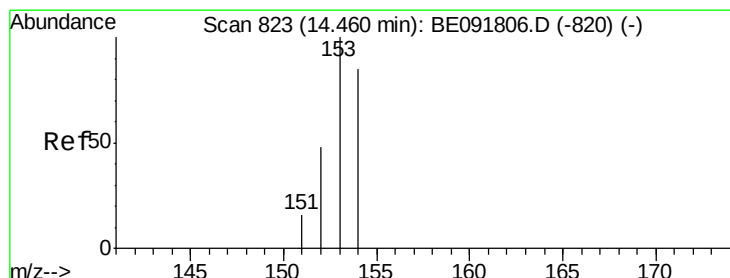
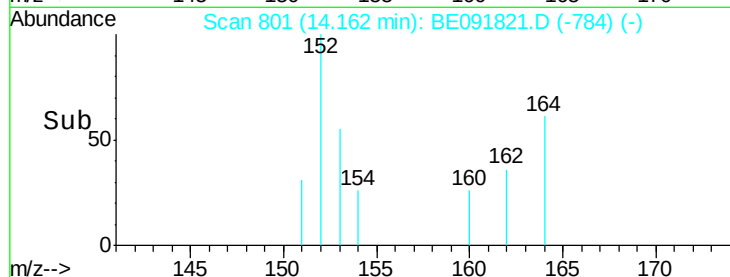
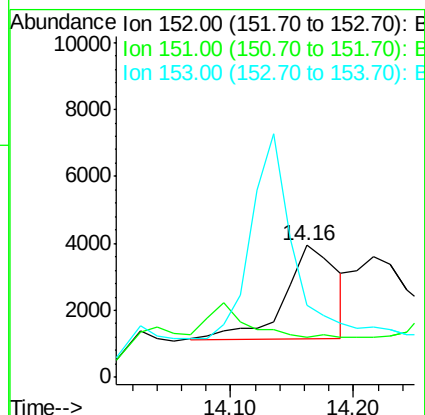
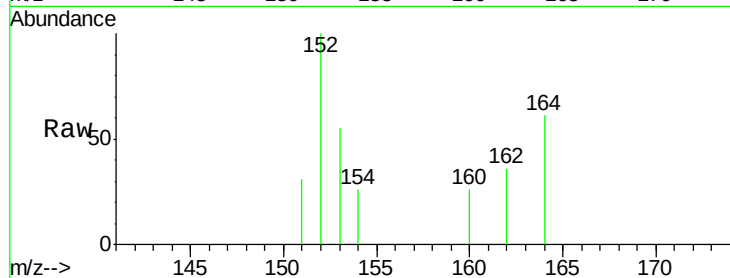
Tgt Ion:152 Resp: 8417

Ion Ratio Lower Upper

152 100

151 0.0 3.9 5.9#

153 0.0 10.3 15.5#



#17

Acenaphthene

Concen: 0.17 ng

RT: 14.50 min Scan# 826

Delta R.T. 0.03 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

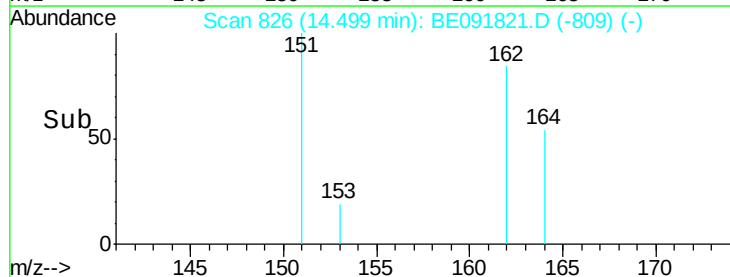
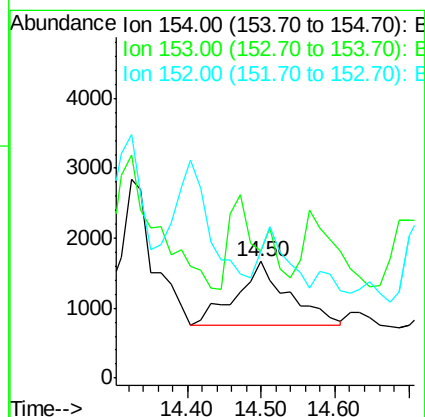
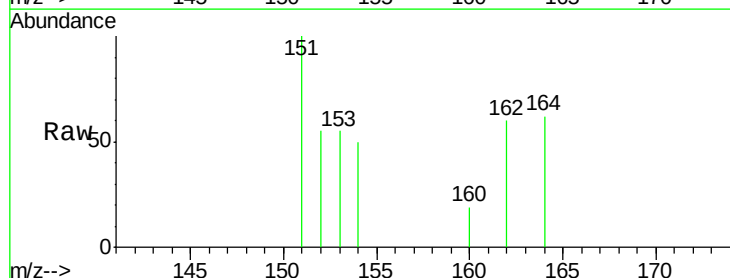
Tgt Ion:154 Resp: 4465

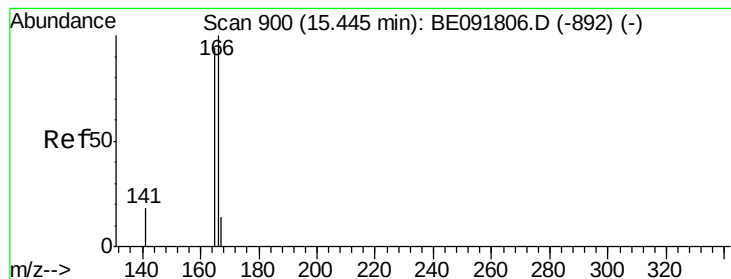
Ion Ratio Lower Upper

154 100

153 0.0 80.0 120.0#

152 44.4 40.0 60.0





#18

Fluorene

Concen: 0.08 ng

RT: 15.47 min Scan# 902

Delta R.T. 0.01 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

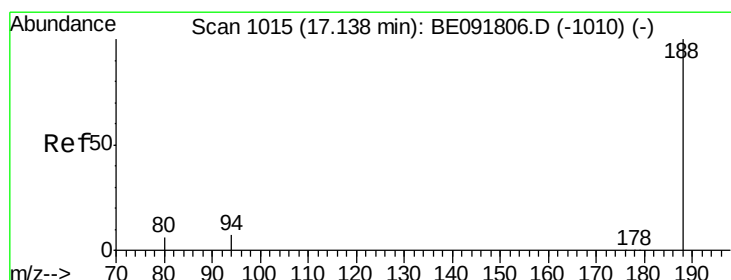
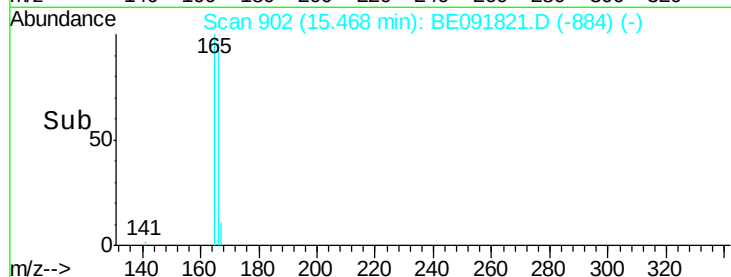
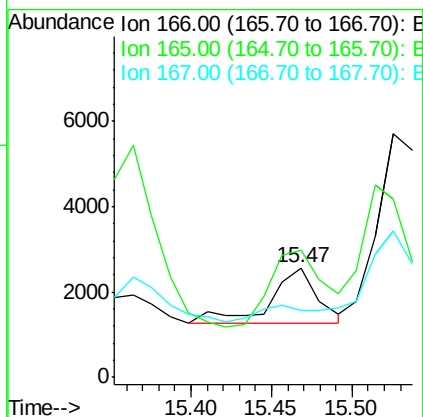
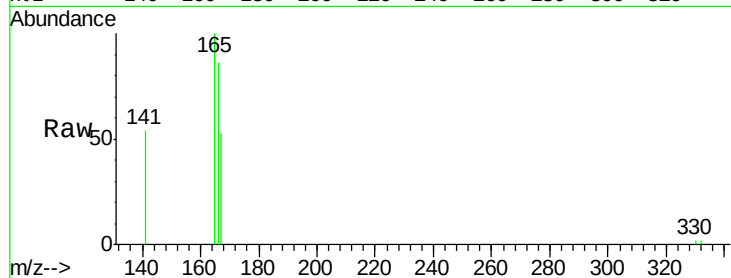
Tgt Ion:166 Resp: 2720

Ion Ratio Lower Upper

166 100

165 159.2 80.8 121.2#

167 34.6 10.9 16.3#



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

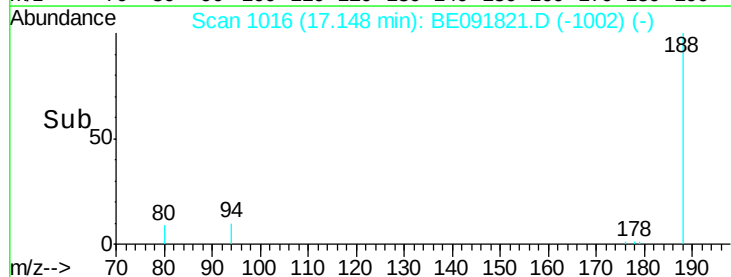
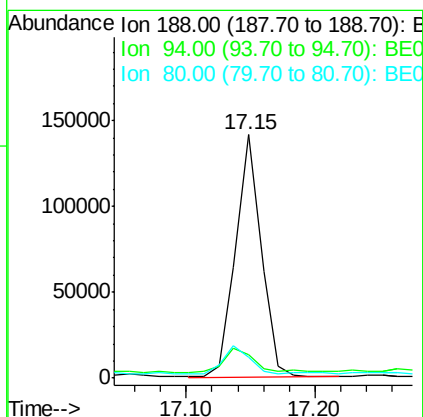
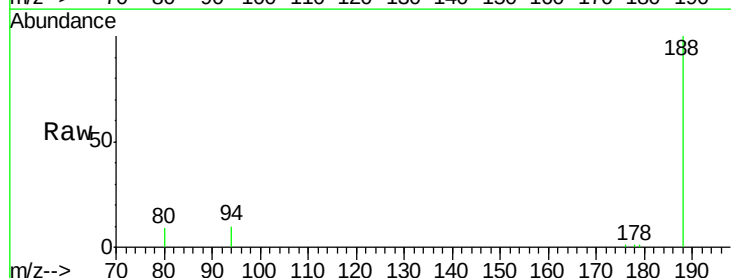
Tgt Ion:188 Resp: 194937

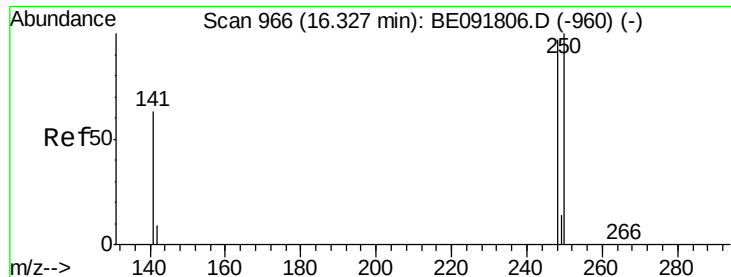
Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

80 8.8 9.4 14.0#





#20

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.29 min Scan# 964

Delta R.T. -0.03 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

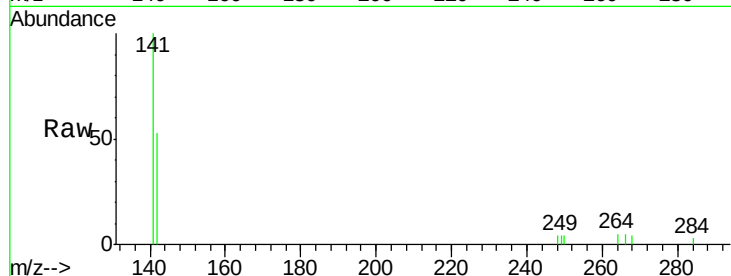
Tgt Ion:248 Resp: 71

Ion Ratio Lower Upper

248 100

250 0.0 80.5 120.7#

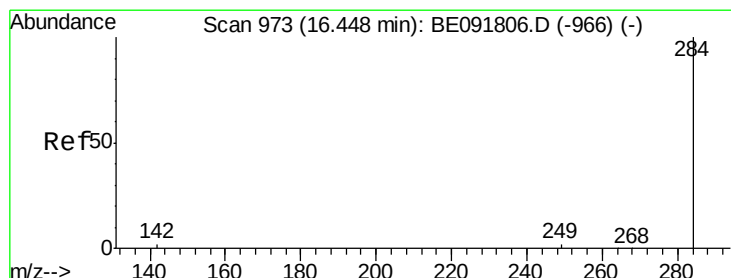
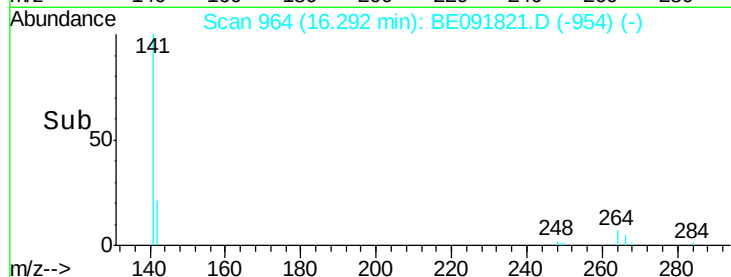
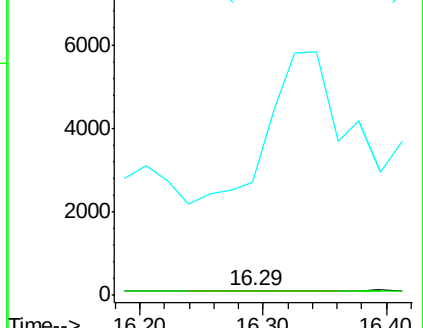
141 0.0 72.0 108.0#



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: 0.01 ng

RT: 16.46 min Scan# 974

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

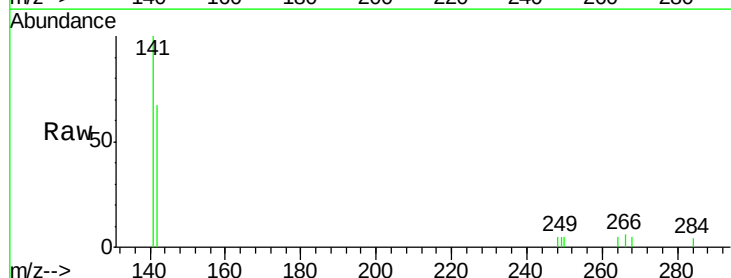
Tgt Ion:284 Resp: 97

Ion Ratio Lower Upper

284 100

142 0.0 32.2 48.2#

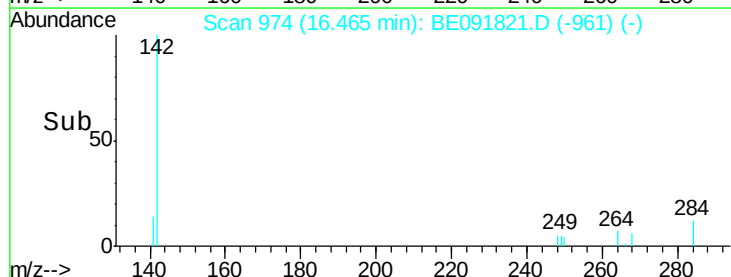
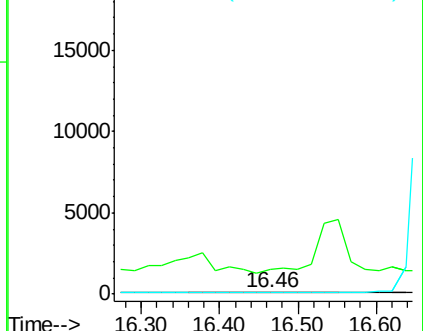
249 0.0 25.4 38.2#

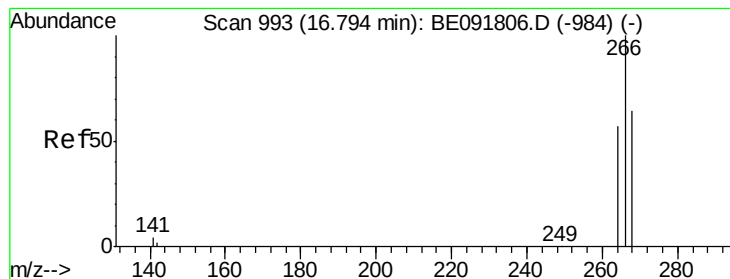


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.10 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

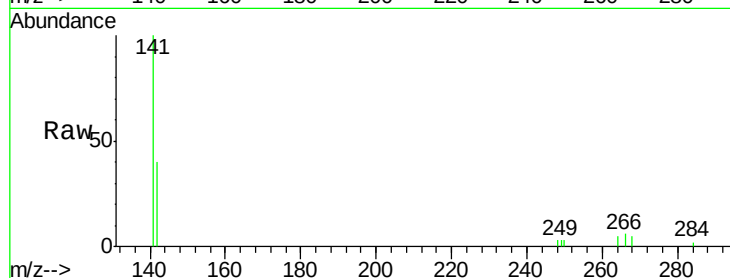
Tgt Ion:266 Resp: 329

Ion Ratio Lower Upper

266 100

268 81.3 58.2 87.2

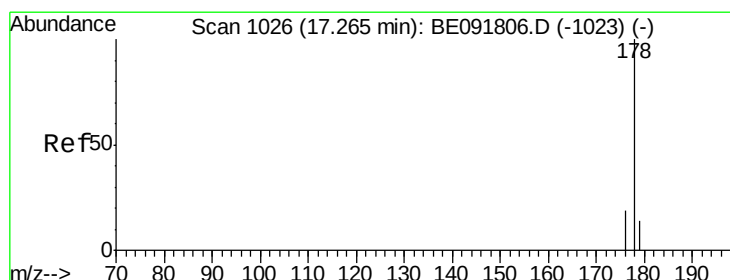
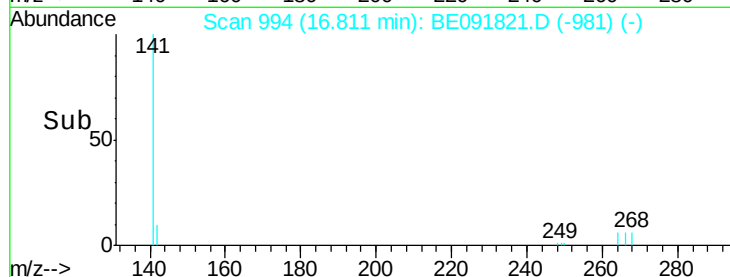
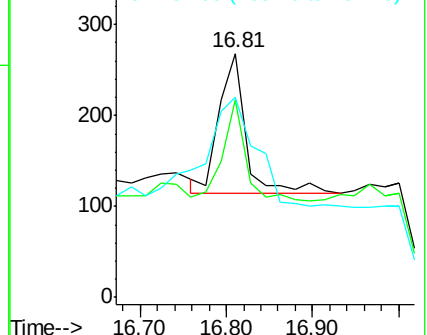
264 82.1 56.2 84.4



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: 0.09 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

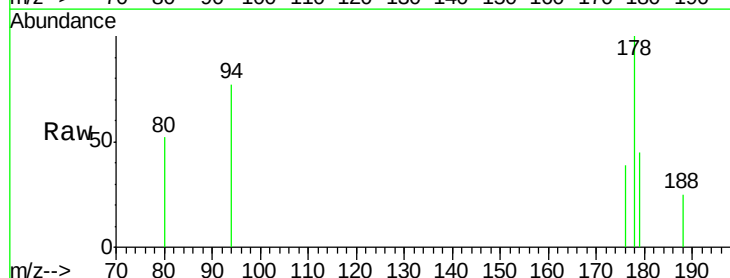
Tgt Ion:178 Resp: 7394

Ion Ratio Lower Upper

178 100

176 24.9 15.3 22.9#

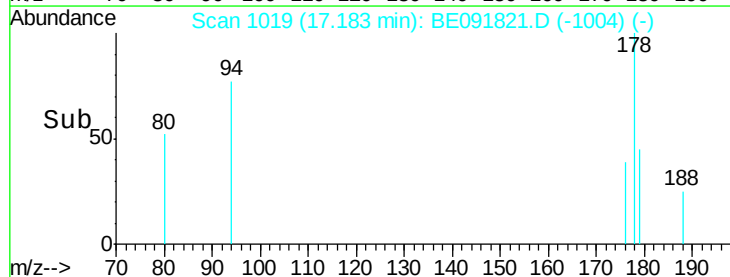
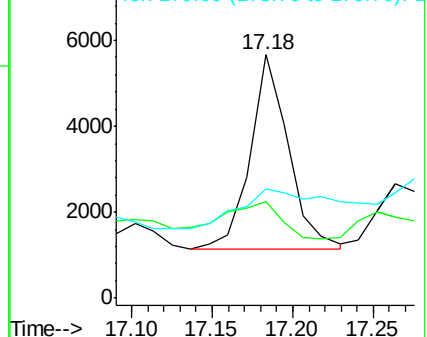
179 55.0 12.6 18.8#

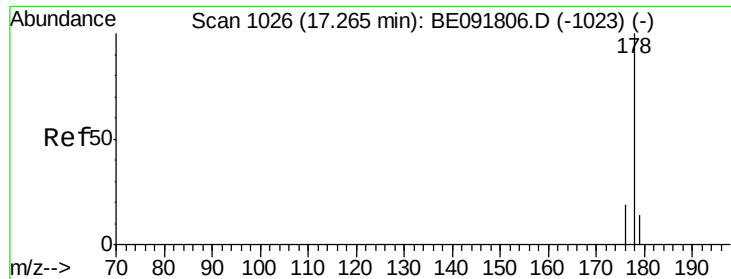


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.08 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

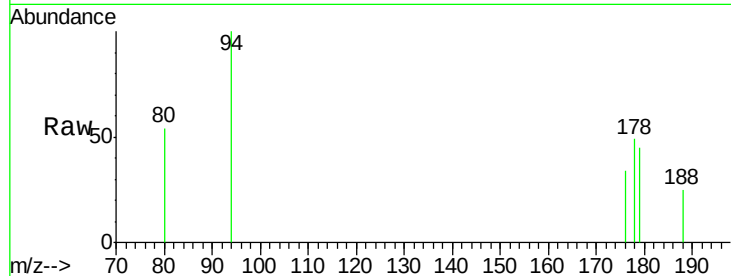
Tgt Ion:178 Resp: 3488

Ion Ratio Lower Upper

178 100

176 0.0 14.6 21.8#

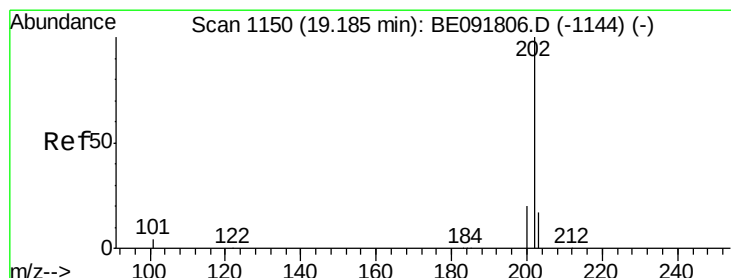
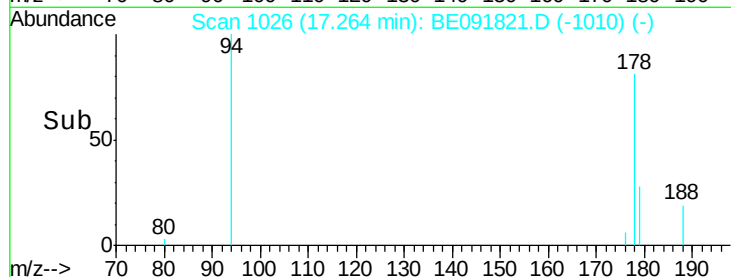
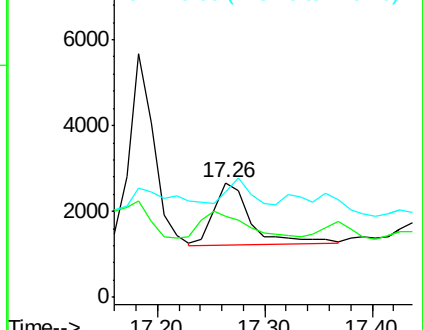
179 61.9 11.8 17.6#



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: 0.17 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

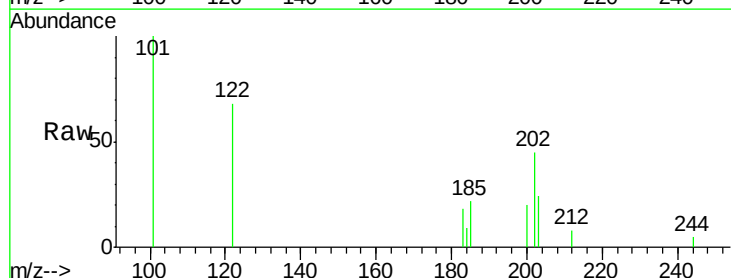
Tgt Ion:202 Resp: 8581

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.6#

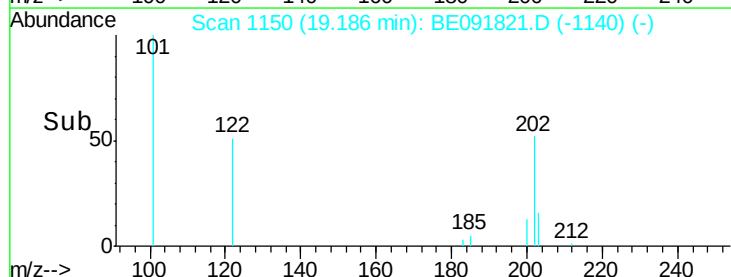
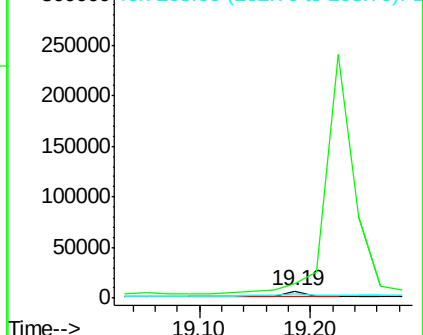
203 62.6 13.9 20.9#

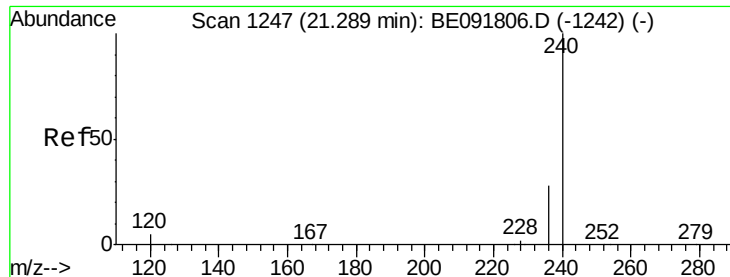


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

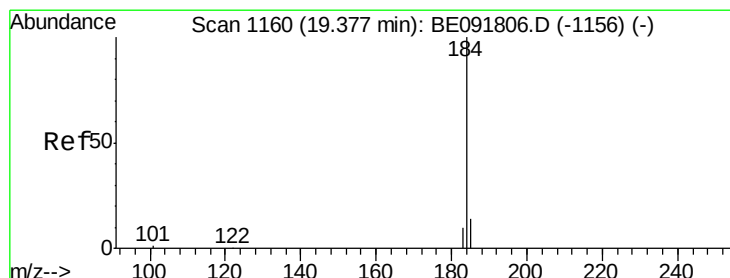
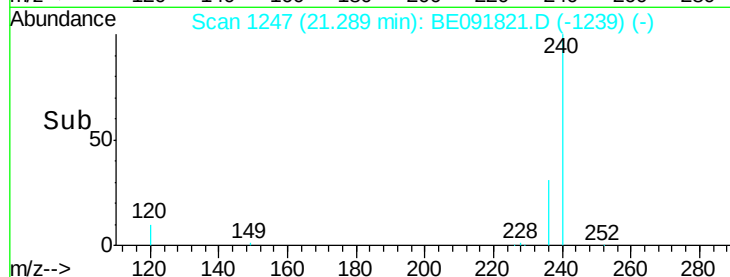
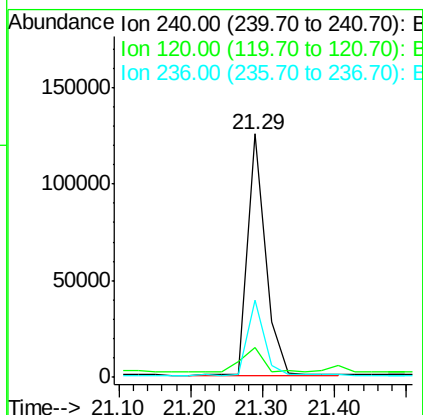
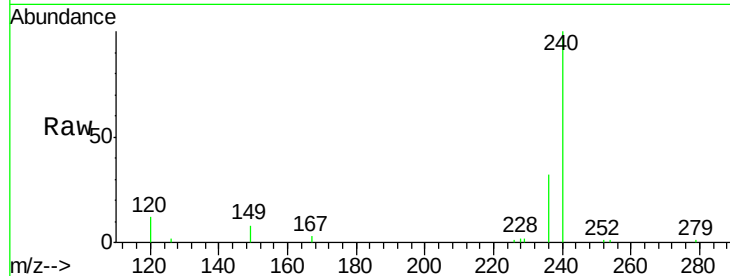




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091821.D
Acq: 19 May 2016 22:00

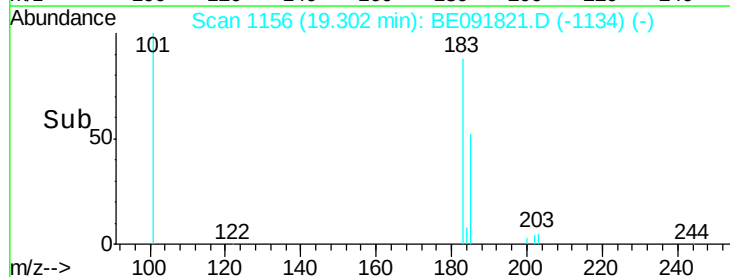
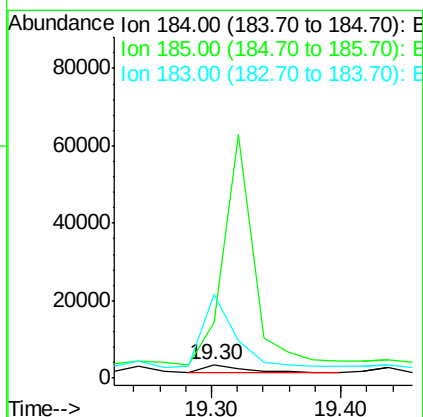
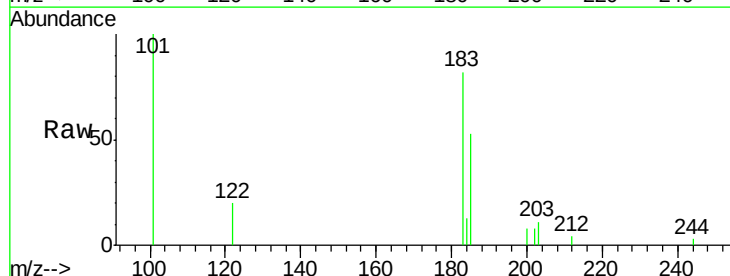
Instrument :
BNA_E
ClientSampleId :
KY032MW006-160512

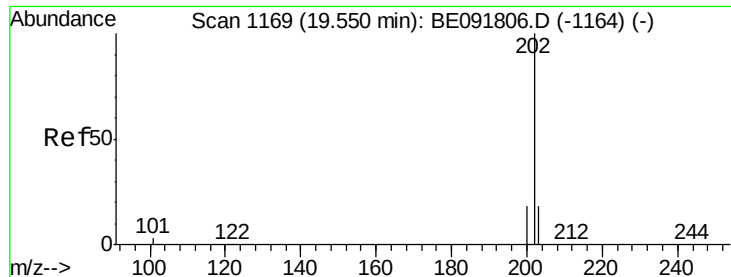
Tgt Ion:240 Resp: 214269
Ion Ratio Lower Upper
240 100
120 12.4 11.0 16.4
236 31.8 21.7 32.5



#27
Benzidine
Concen: 0.35 ng
RT: 19.30 min Scan# 1156
Delta R.T. -0.08 min
Lab File: BE091821.D
Acq: 19 May 2016 22:00

Tgt Ion:184 Resp: 4457
Ion Ratio Lower Upper
184 100
185 400.0 22.3 33.5#
183 611.0 16.4 24.6#





#28

Pyrene

Concen: 0.12 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

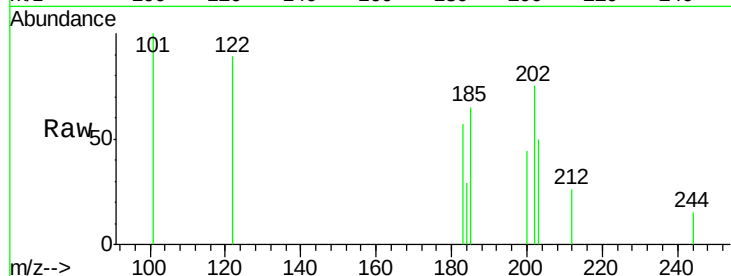
Tgt Ion:202 Resp: 5832

Ion Ratio Lower Upper

202 100

200 77.9 16.8 25.2#

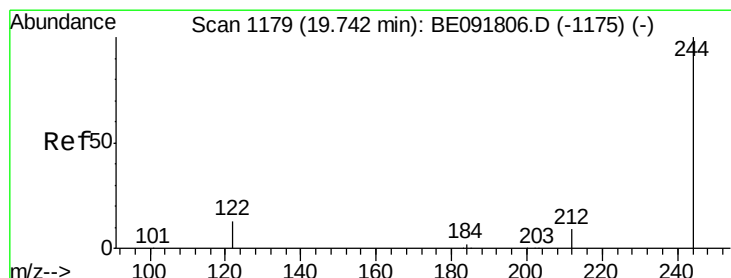
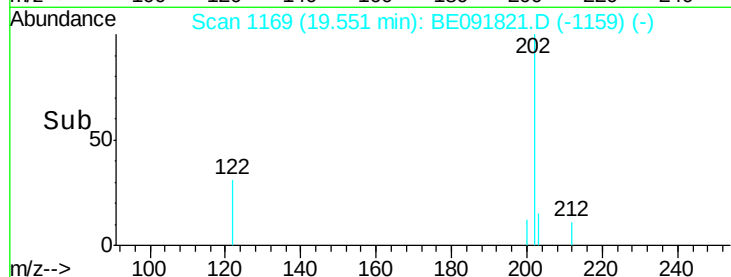
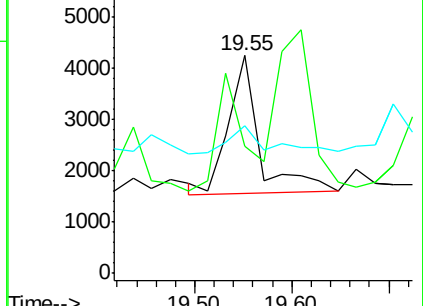
203 27.8 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 5.12 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

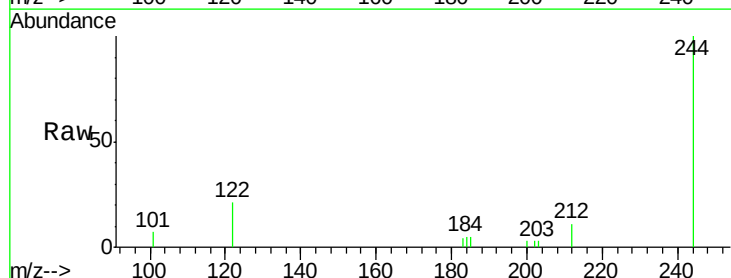
Tgt Ion:244 Resp: 155354

Ion Ratio Lower Upper

244 100

212 11.2 6.9 10.3#

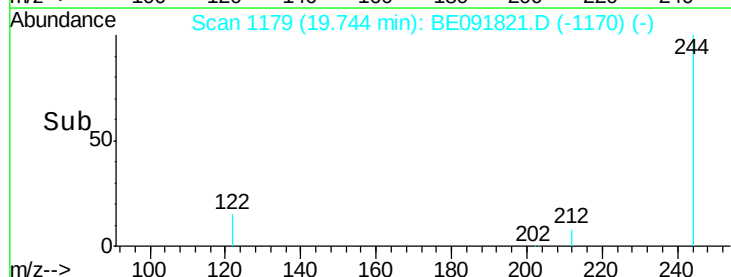
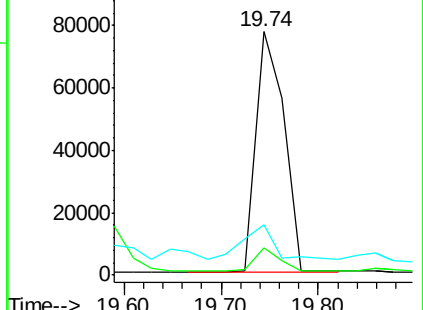
122 20.8 11.0 16.4#

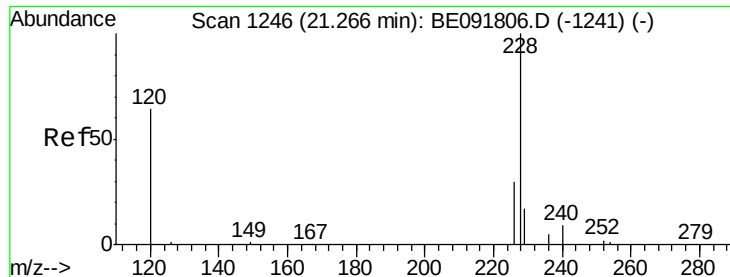


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

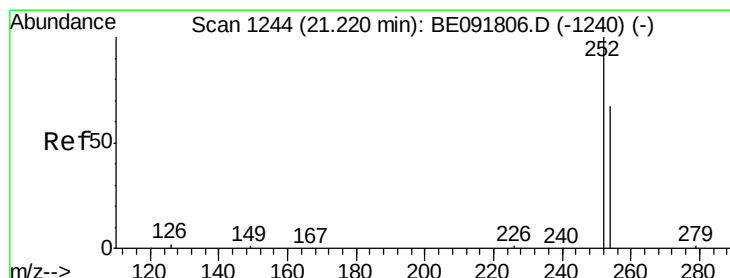
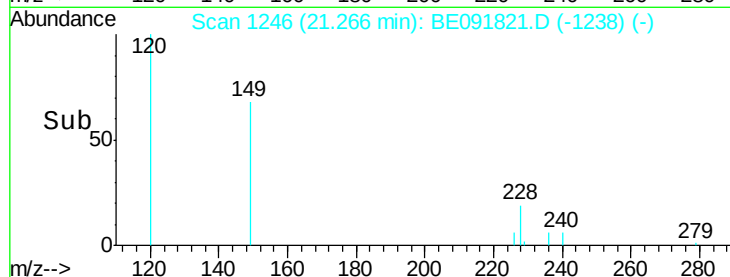
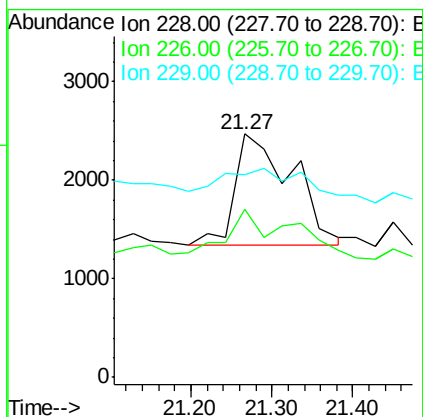
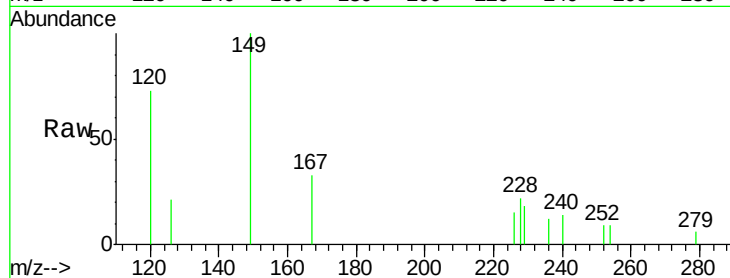
Tgt Ion:228 Resp: 5540

Ion Ratio Lower Upper

228 100

226 69.1 21.0 31.4#

229 83.1 15.7 23.5#



#31

3,3'-Dichlorobenzidine

Concen: 0.07 ng

RT: 21.17 min Scan# 1242

Delta R.T. -0.07 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

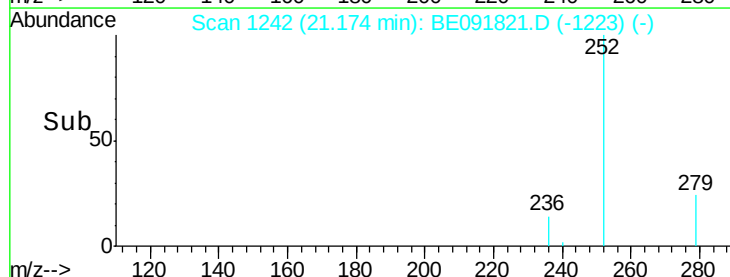
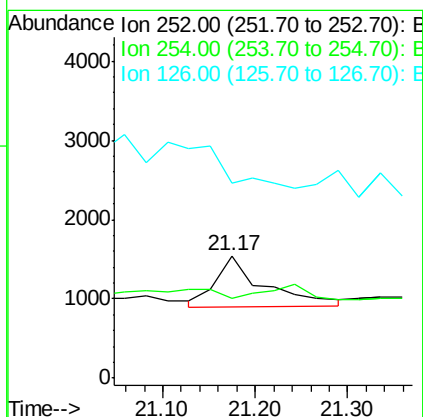
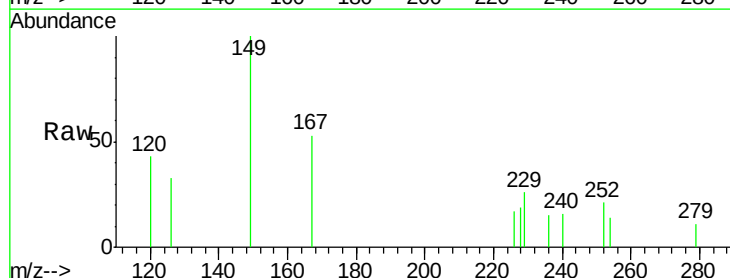
Tgt Ion:252 Resp: 2379

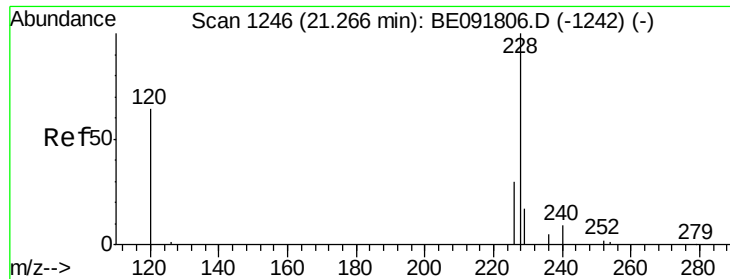
Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

126 159.0 12.6 18.8#





#32

Chrysene

Concen: 0.17 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.07 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

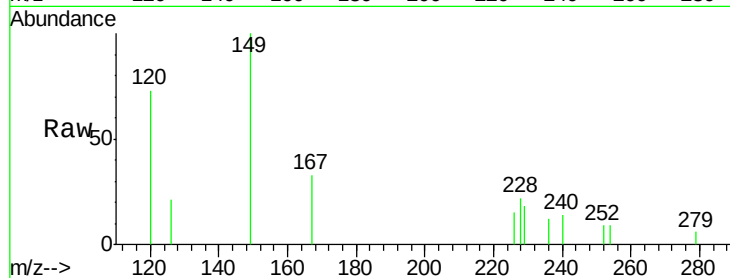
Tgt Ion:228 Resp: 5790

Ion Ratio Lower Upper

228 100

226 69.1 24.0 36.0#

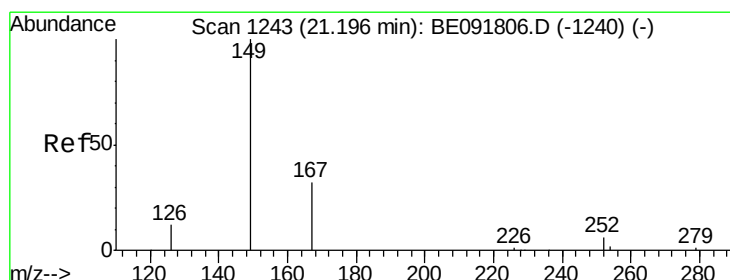
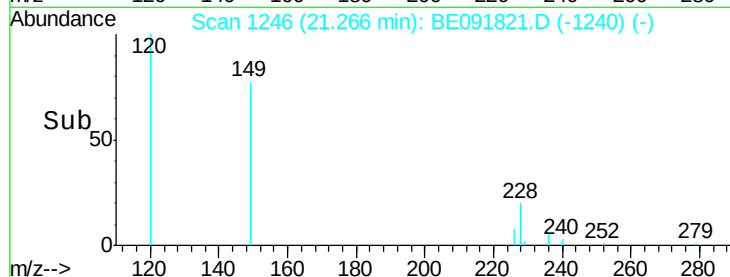
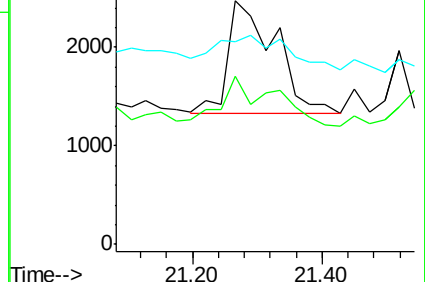
229 83.1 15.9 23.9#



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: 1.45 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

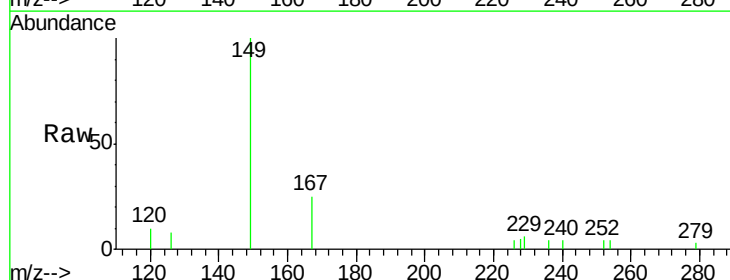
Tgt Ion:149 Resp: 37388

Ion Ratio Lower Upper

149 100

167 18.1 19.5 29.3#

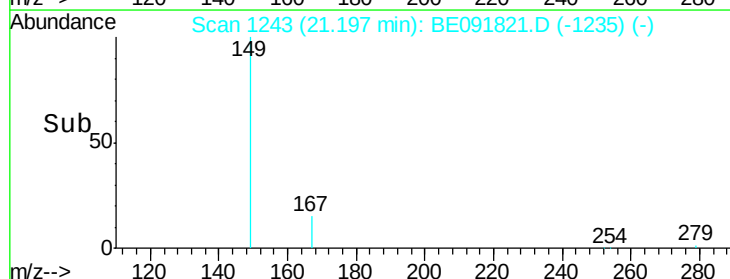
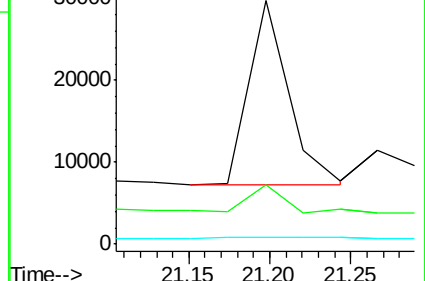
279 0.0 10.0 15.0#

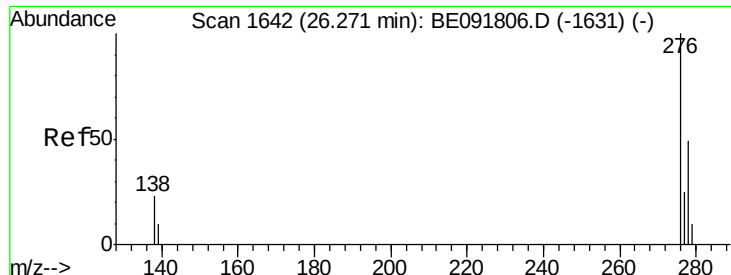


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.03 ng

RT: 26.27 min Scan# 1642

Delta R.T. -0.04 min

Lab File: BE091821.D

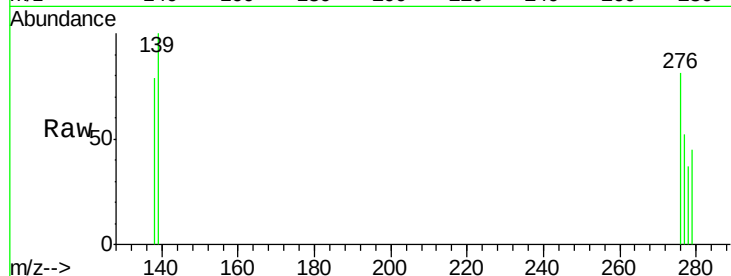
Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512



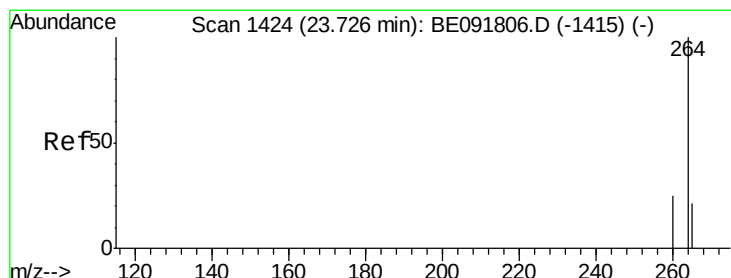
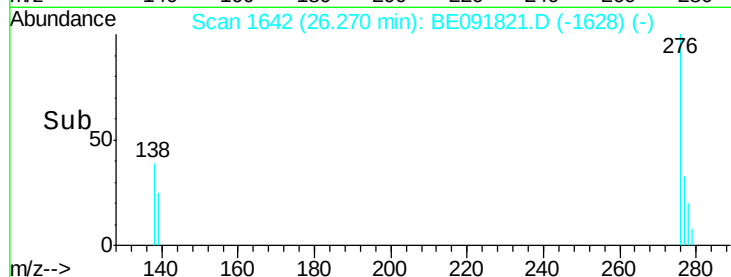
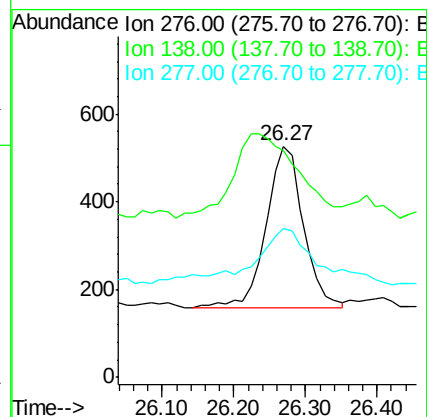
Tgt Ion: 276 Resp: 1332

Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.2#

277 59.6 19.8 29.8#



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

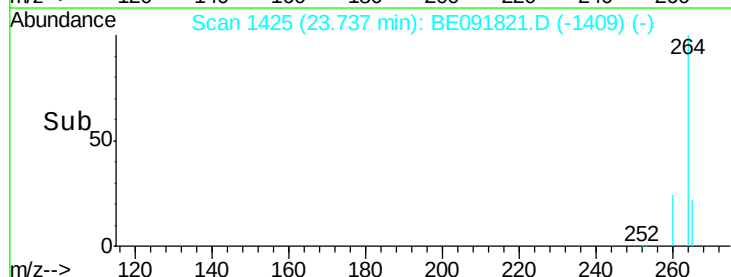
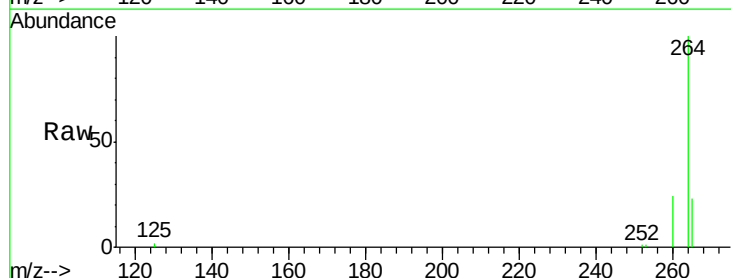
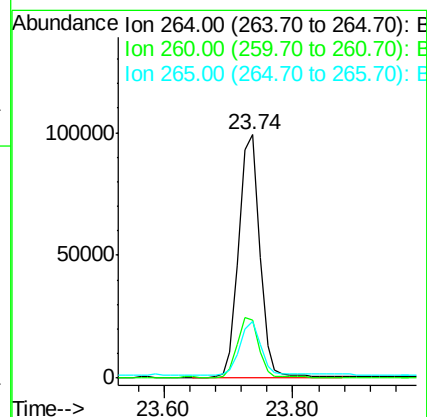
Tgt Ion: 264 Resp: 221324

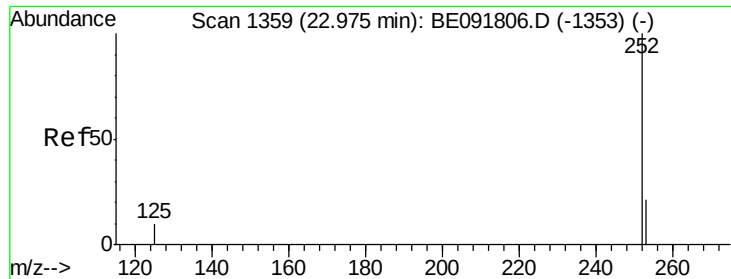
Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

265 23.4 17.5 26.3





#36

Benzo(b)fluoranthene

Concen: 0.06 ng

RT: 22.99 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

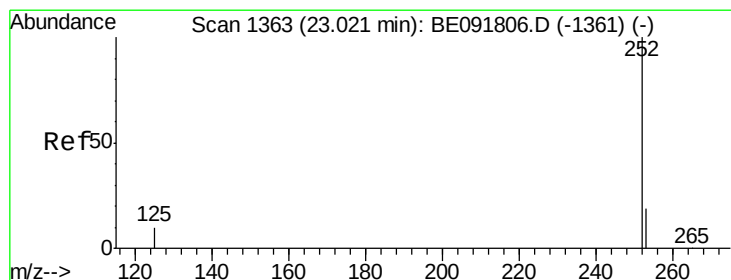
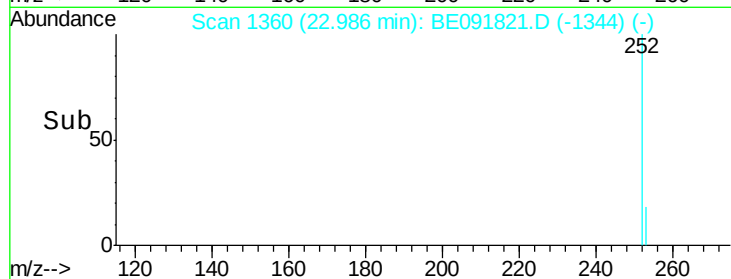
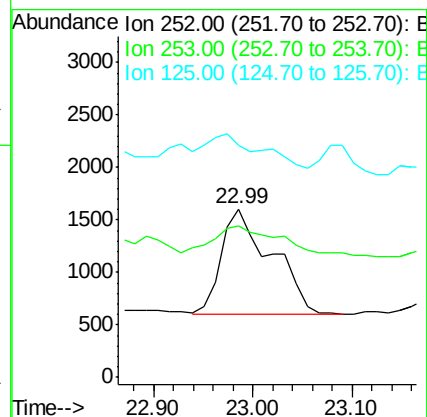
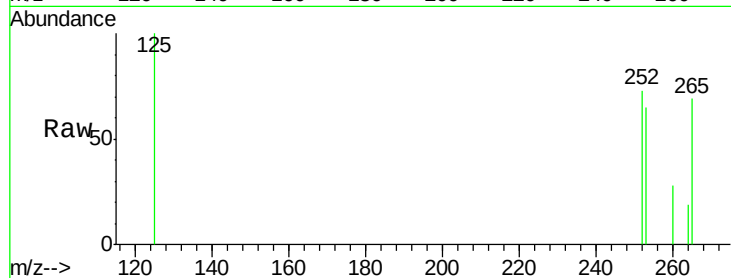
Tgt Ion:252 Resp: 3484

Ion Ratio Lower Upper

252 100

253 89.9 17.4 26.0#

125 137.7 10.2 15.2#



#37

Benzo(k)fluoranthene

Concen: 0.06 ng

RT: 22.99 min Scan# 1360

Delta R.T. -0.06 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

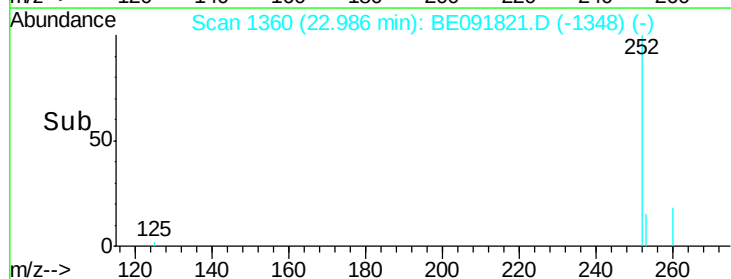
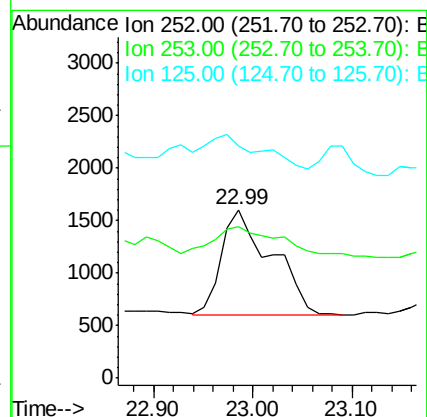
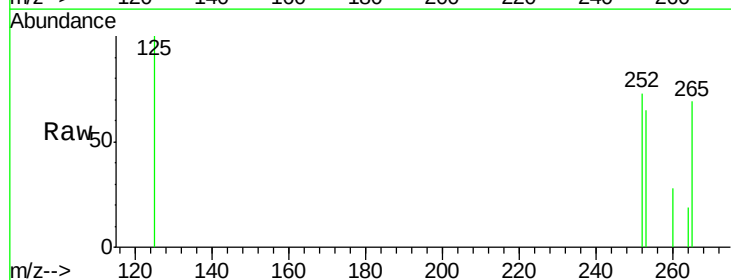
Tgt Ion:252 Resp: 3484

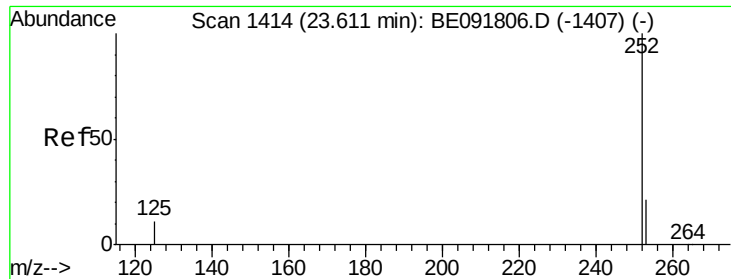
Ion Ratio Lower Upper

252 100

253 89.9 17.6 26.4#

125 137.7 9.9 14.9#





#38

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.62 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512

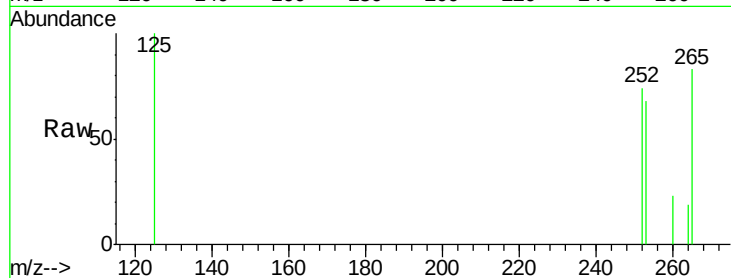
Tgt Ion: 252 Resp: 1687

Ion Ratio Lower Upper

252 100

253 91.4 18.1 27.1#

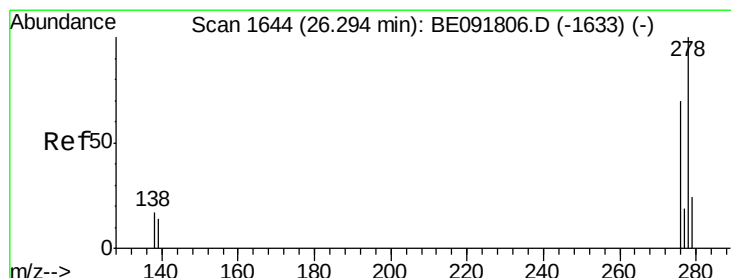
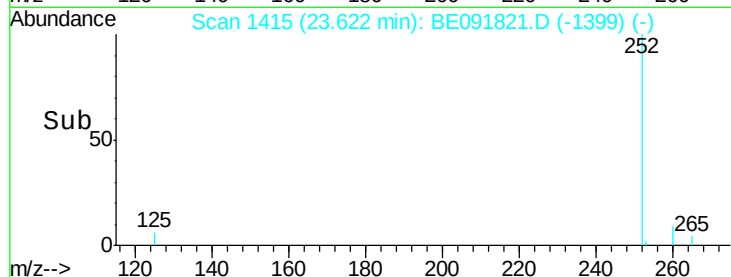
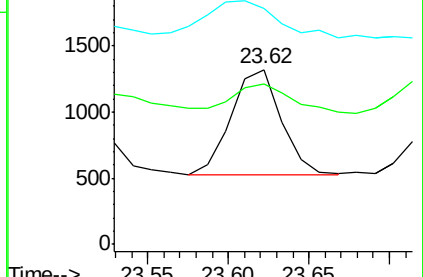
125 134.7 11.0 16.4#



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: 0.01 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091821.D

Acq: 19 May 2016 22:00

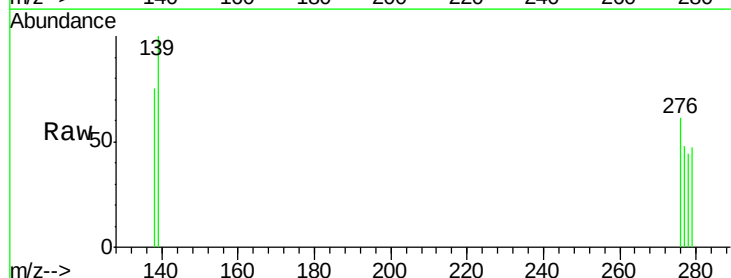
Tgt Ion: 278 Resp: 451

Ion Ratio Lower Upper

278 100

139 228.8 16.0 24.0#

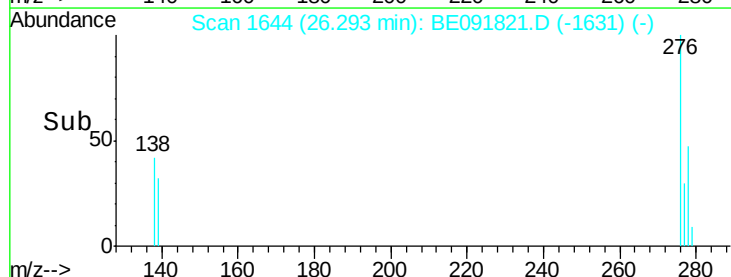
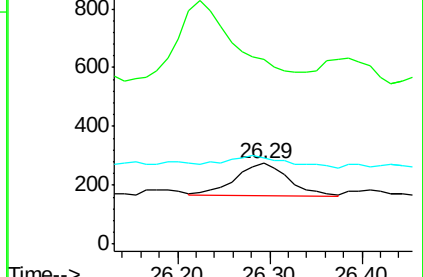
279 107.7 19.4 29.2#

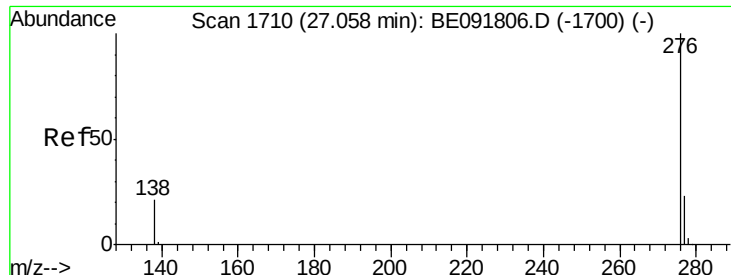


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.02 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091821.D

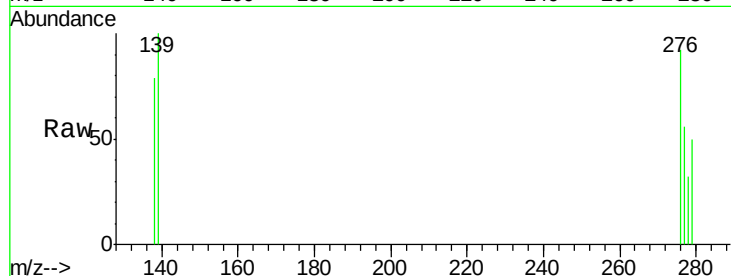
Acq: 19 May 2016 22:00

Instrument :

BNA_E

ClientSampleId :

KY032MW006-160512



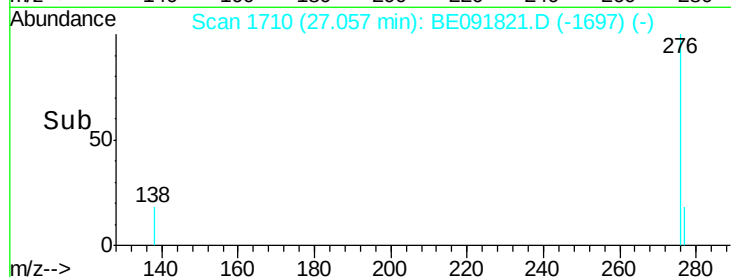
Tgt Ion: 276 Resp: 1135

Ion Ratio Lower Upper

276 100

277 61.1 18.6 28.0#

138 85.5 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

