

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
 Data File : BE091609.D
 Acq On : 8 Apr 2016 13:02
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Apr 08 15:12:28 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 14:53:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38399	5.00	ng	0.00
7) Naphthalene-d8	10.59	136	182385	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	112108	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	272515	5.00	ng	0.00
26) Chrysene-d12	21.31	240	368899	5.00	ng	0.00
35) Perylene-d12	23.76	264	321503	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	13965	1.74	ng	0.00
5) Phenol-d6	6.97	99	18842	1.92	ng	0.00
8) Nitrobenzene-d5	8.96	82	16587	1.69	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	6128	1.73	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	47666	1.57	ng	0.00
29) Terphenyl-d14	19.76	244	71837	1.54	ng	0.00

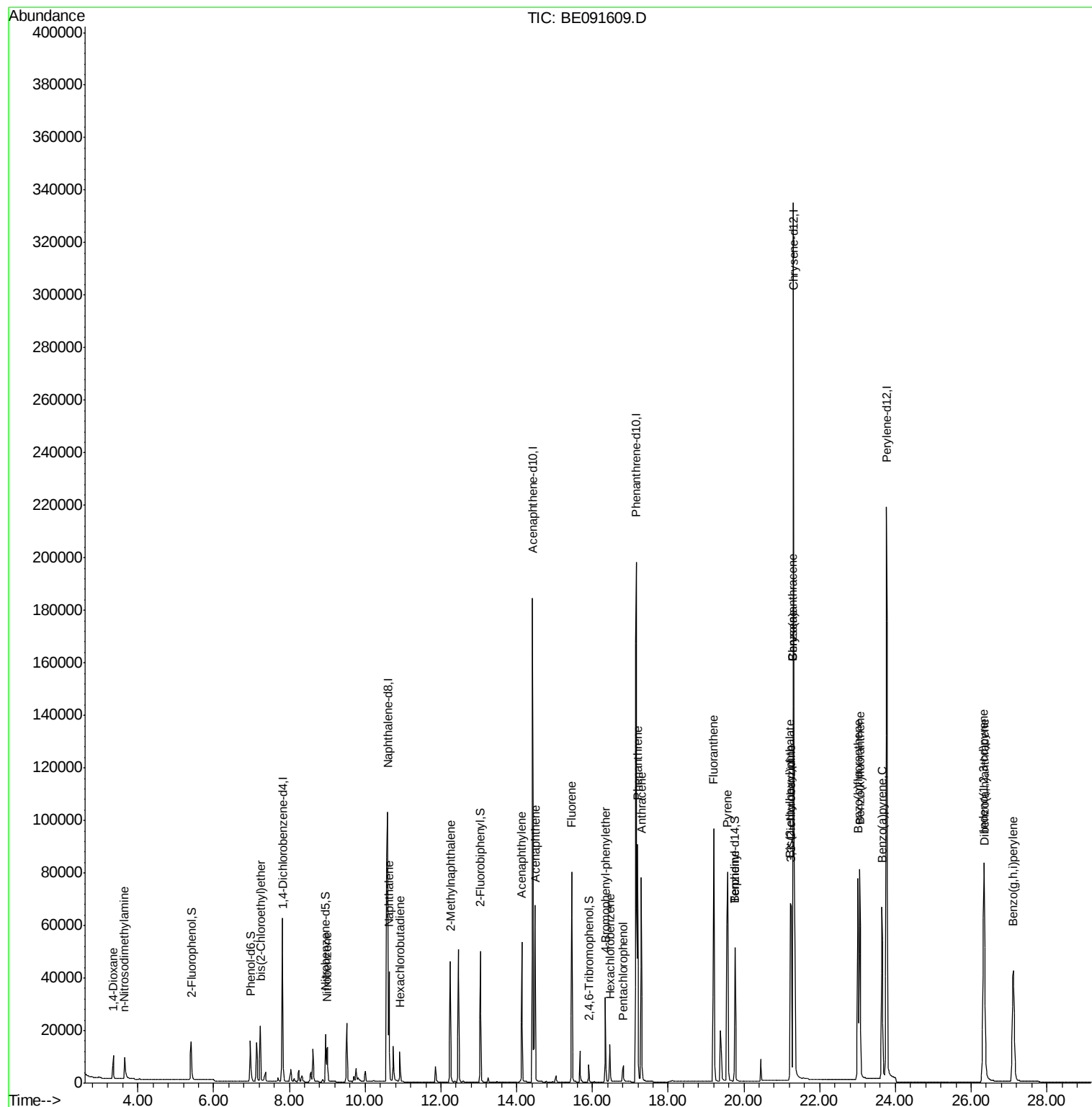
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	6916	1.01	ng	96
3) n-Nitrosodimethylamine	3.64	42	9494	1.41	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	16238	1.39	ng	# 76
9) Nitrobenzene	9.00	77	17399	1.65	ng	95
10) Naphthalene	10.63	128	57195	1.46	ng	99
11) Hexachlorobutadiene	10.92	225	9420	1.44	ng	96
12) 2-Methylnaphthalene	12.25	142	37123	1.60	ng	# 88
16) Acenaphthylene	14.14	152	68126	0.36	ng	# 87
17) Acenaphthene	14.49	154	41927	1.40	ng	90
18) Fluorene	15.46	166	53239	1.44	ng	97
20) 4-Bromophenyl-phenylether	16.34	248	15222	1.48	ng	95
21) Hexachlorobenzene	16.46	284	15496	0.29	ng	99
22) Pentachlorophenol	16.81	266	5981	1.56	ng	92
23) Phenanthrene	17.19	178	94675	1.37	ng	99
24) Anthracene	17.29	178	87724	1.42	ng	99
25) Fluoranthene	19.21	202	105249	1.28	ng	# 97
27) Benzidine	19.76	184	1282	0.19	ng	93
28) Pyrene	19.57	202	109587	1.16	ng	100
30) Benzo(a)anthracene	21.29	228	231018	2.66	ng	95
31) 3,3'-Dichlorobenzidine	21.24	252	68193	4.60	ng	# 81
32) Chrysene	21.29	228	232377	2.09	ng	97
33) Bis(2-ethylhexyl)phthalate	21.22	149	55154	1.60	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.33	276	126270	1.41	ng	96
36) Benzo(b)fluoranthene	23.01	252	115818	1.63	ng	# 96
37) Benzo(k)fluoranthene	23.06	252	112577	1.16	ng	98
38) Benzo(a)pyrene	23.65	252	106953	1.63	ng	97
39) Dibenzo(a,h)anthracene	26.35	278	104689	1.61	ng	# 95
40) Benzo(g,h,i)perylene	27.12	276	107198	1.52	ng	95

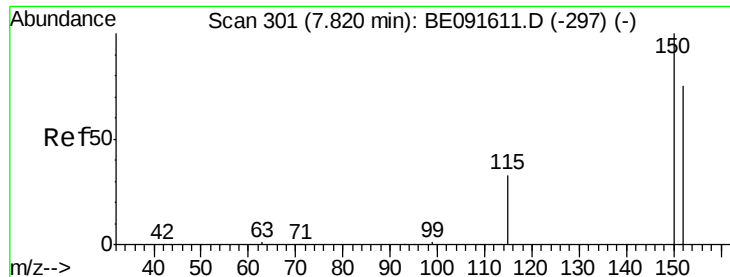
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. -0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

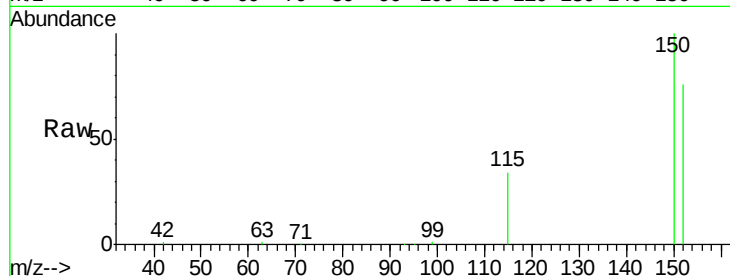
Tot Ion:152 Resp: 38399

Ion Ratio Lower Upper

152 100

150 132.1 122.6 183.8

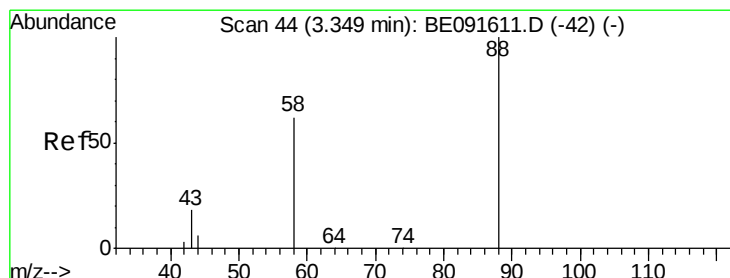
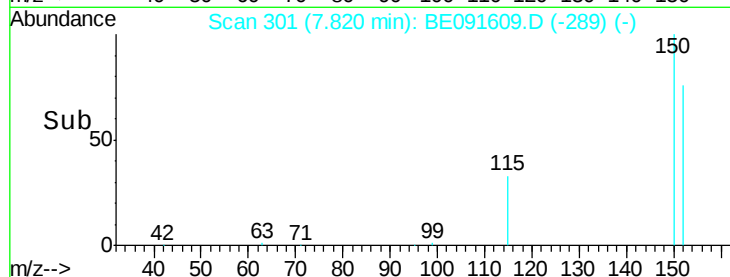
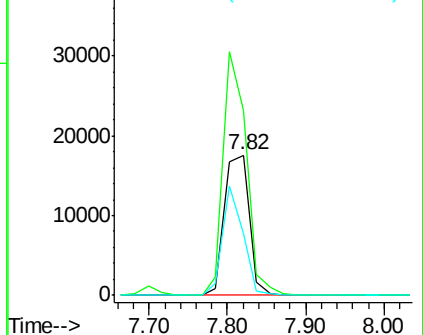
115 44.6 52.8 79.2#



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: 1.01 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

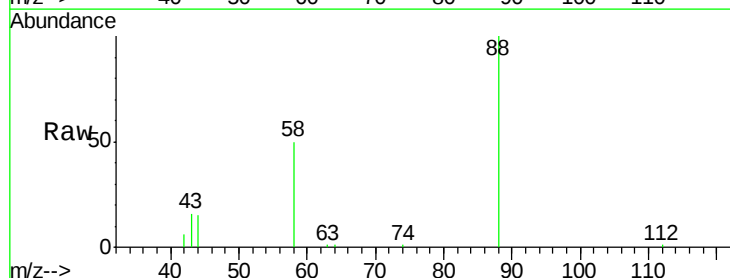
Tgt Ion: 88 Resp: 6916

Ion Ratio Lower Upper

88 100

58 80.9 65.8 98.6

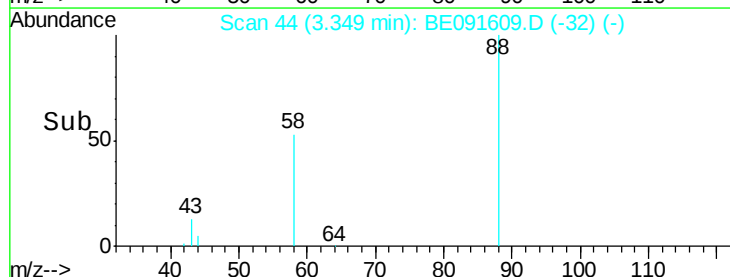
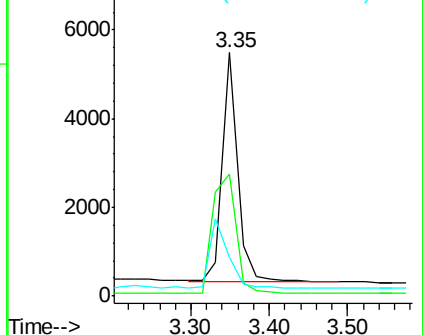
43 37.1 25.3 37.9

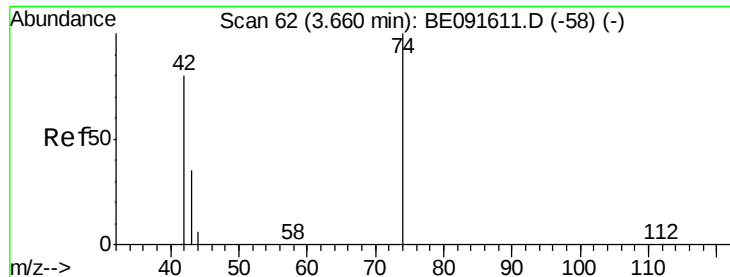


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.41 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

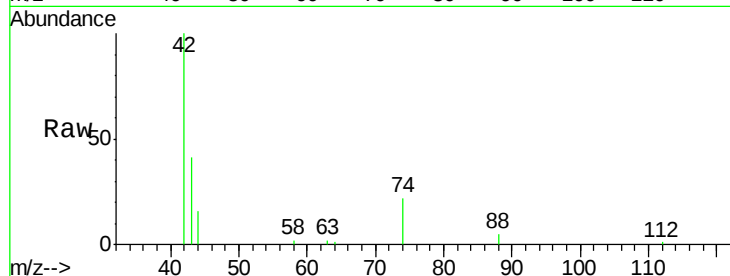
Tot Ion: 42 Resp: 9494

Ion Ratio Lower Upper

42 100

74 96.0 87.9 131.9

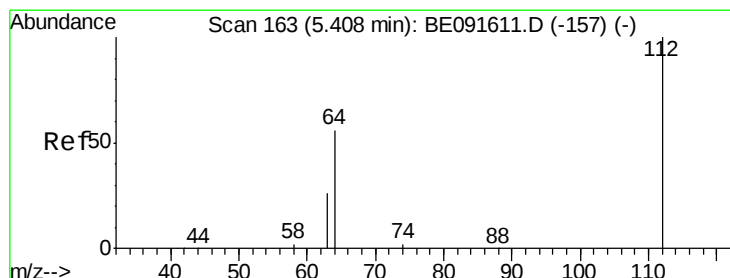
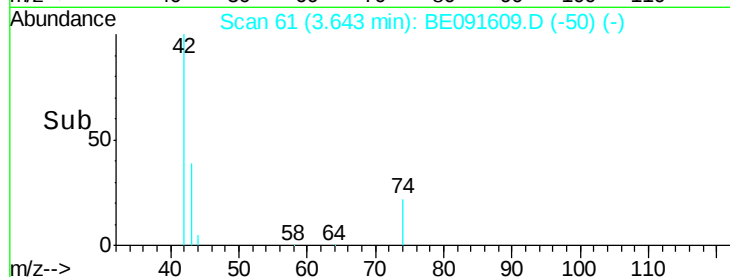
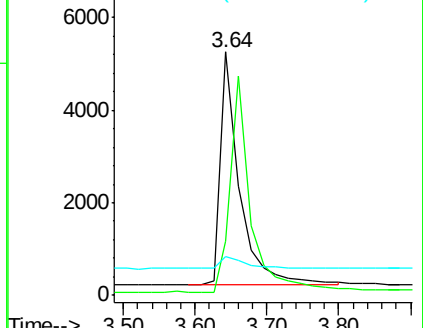
44 6.5 6.6 9.8#



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: 1.74 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

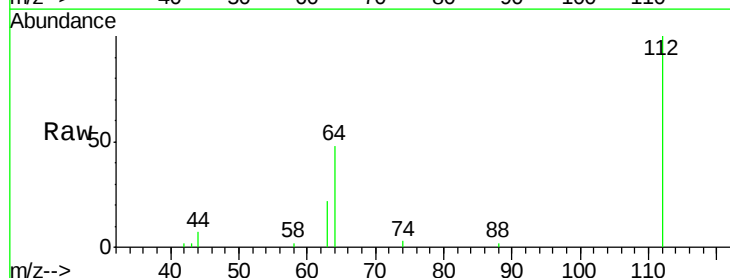
Tgt Ion: 112 Resp: 13965

Ion Ratio Lower Upper

112 100

64 67.9 30.9 46.3#

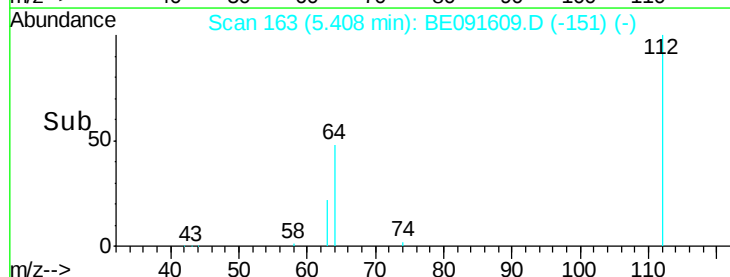
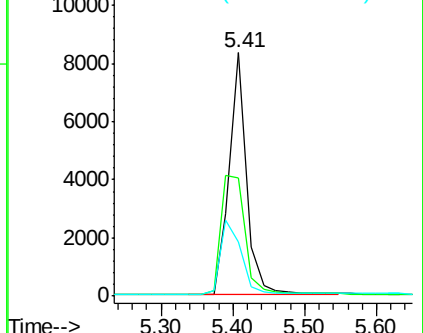
63 36.6 16.7 25.1#

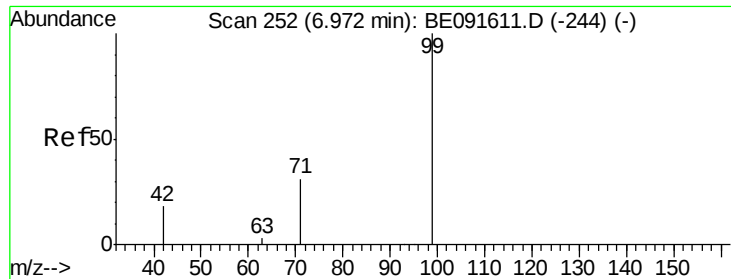


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.92 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

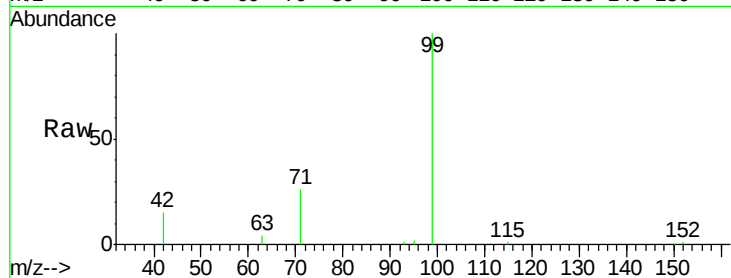
BNA_E

ClientSampleId :

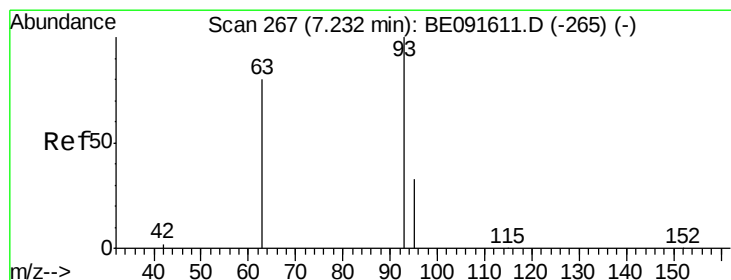
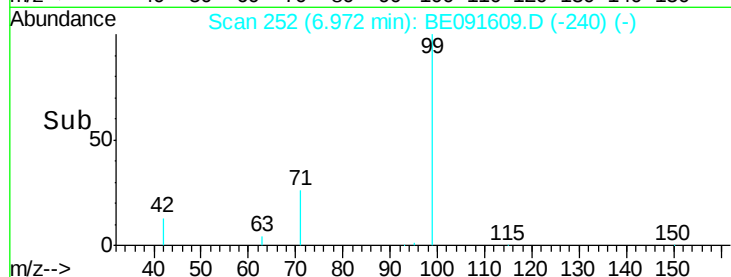
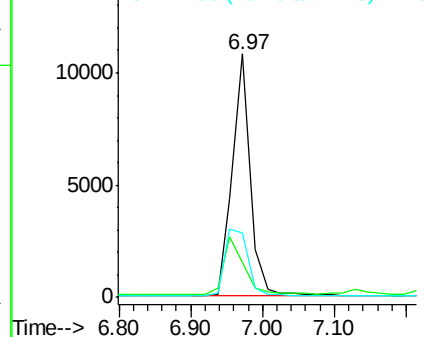
SSTDICC1.6

Tot Ion: 99 Resp: 18842

Ion	Ratio	Lower	Upper
99	100		
42	26.3	16.2	24.2#
71	35.9	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: 1.39 ng

RT: 7.23 min Scan# 267

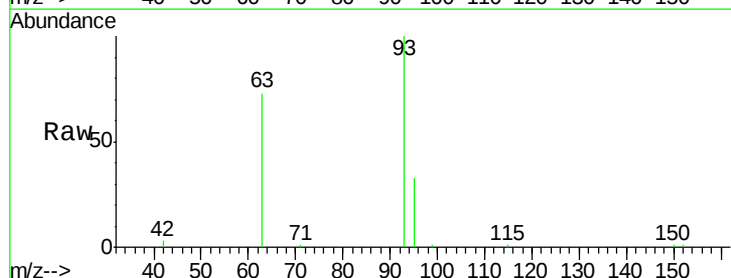
Delta R.T. -0.00 min

Lab File: BE091609.D

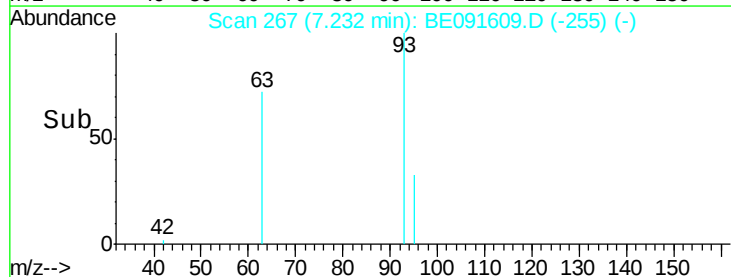
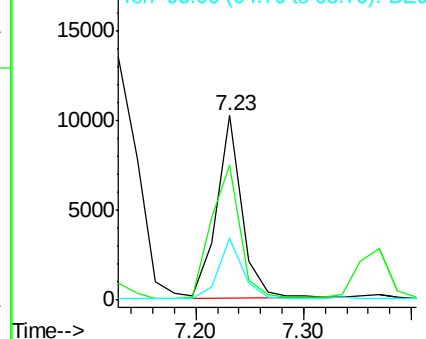
Acq: 8 Apr 2016 13:02

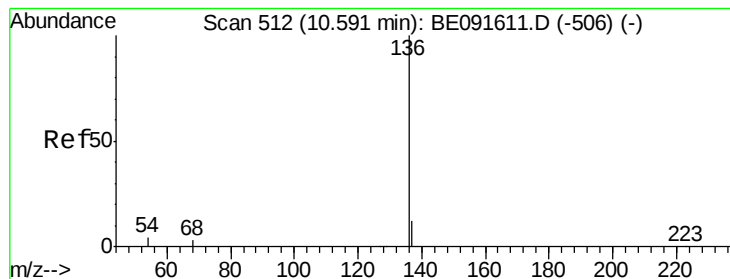
Tgt Ion: 93 Resp: 16238

Ion	Ratio	Lower	Upper
93	100		
63	84.9	49.5	74.3#
95	32.6	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: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 182385

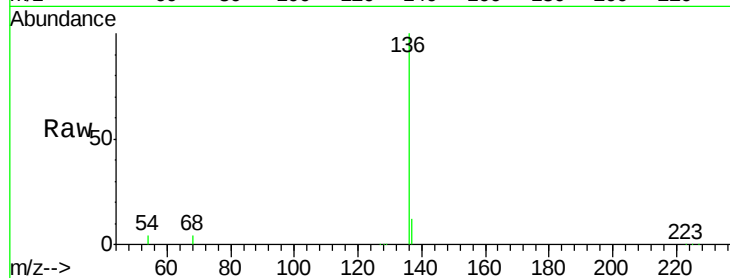
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 4.2 8.2 12.4#

68 3.5 6.2 9.4#

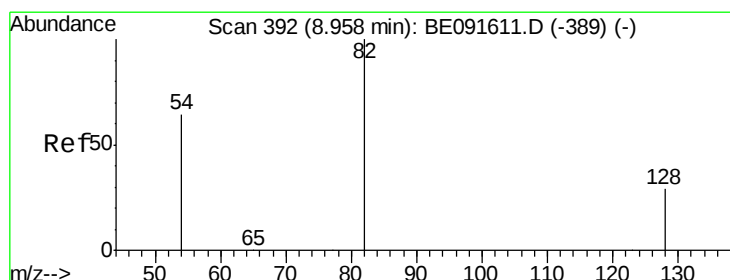
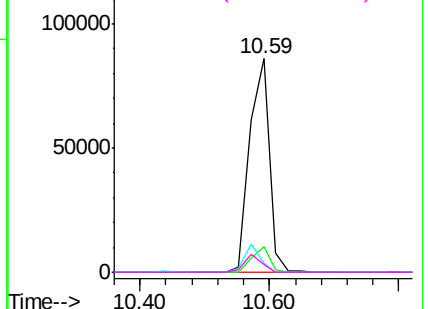
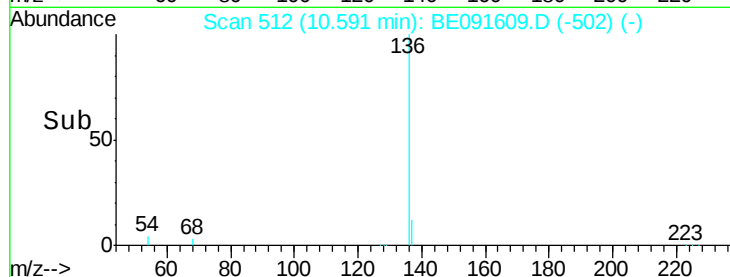


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.69 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

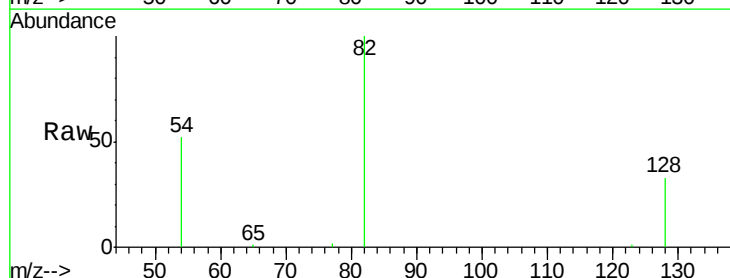
Tgt Ion: 82 Resp: 16587

Ion Ratio Lower Upper

82 100

128 33.5 25.4 38.0

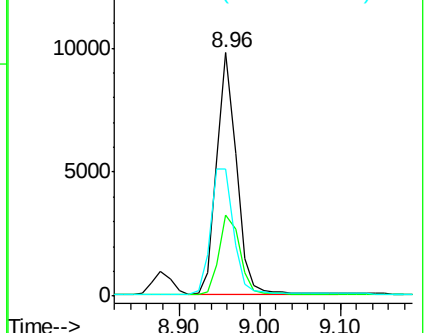
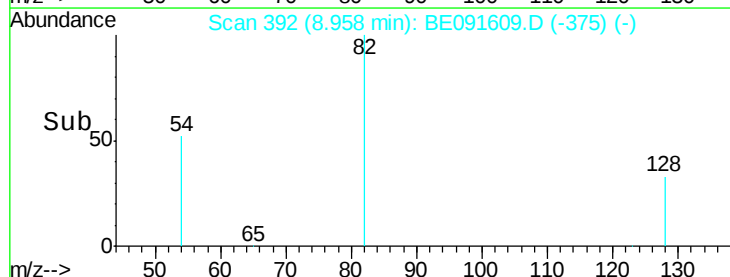
54 52.0 48.4 72.6

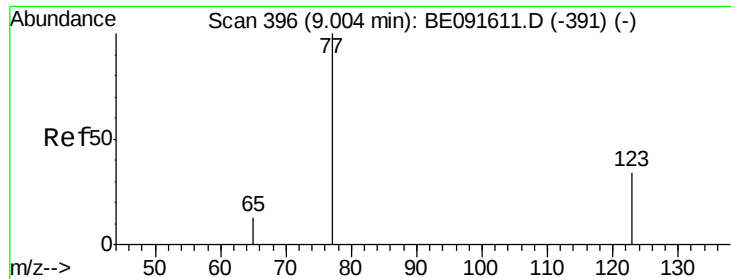


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.65 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

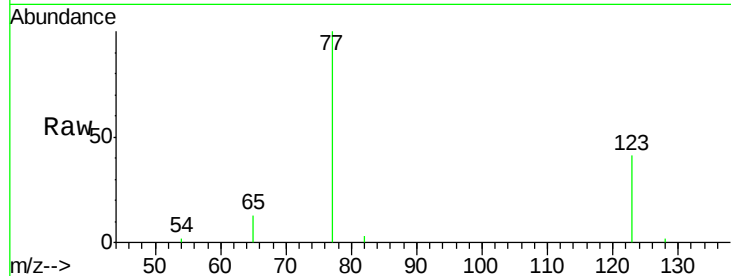
Tot Ion: 77 Resp: 17399

Ion Ratio Lower Upper

77 100

123 36.2 26.9 40.3

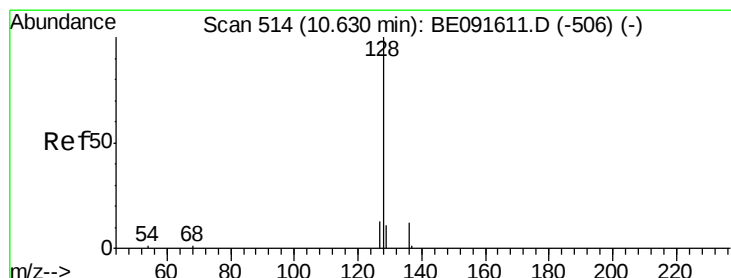
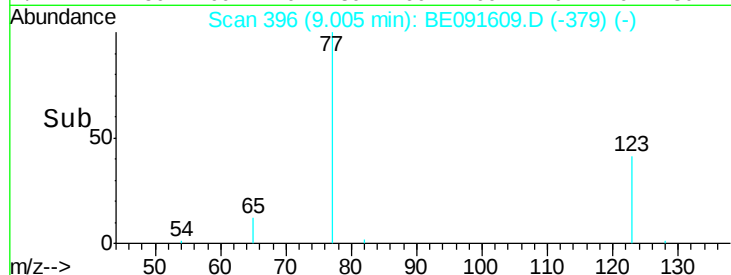
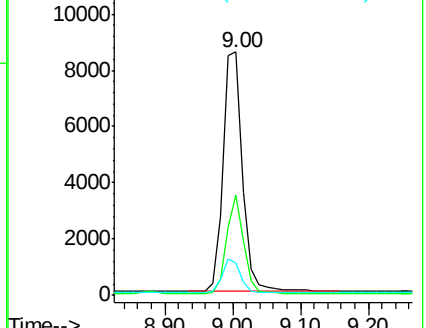
65 13.7 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091611.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091611.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091611.D (-391) (-)



#10

Naphthalene

Concen: 1.46 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

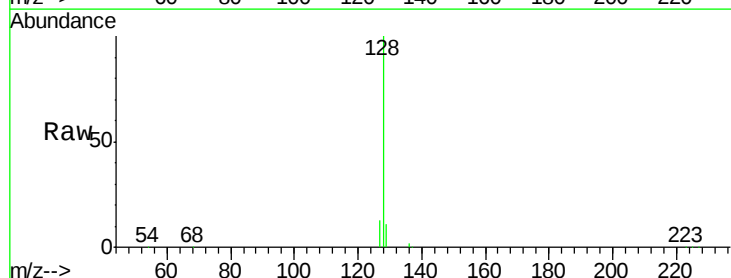
Tgt Ion: 128 Resp: 57195

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

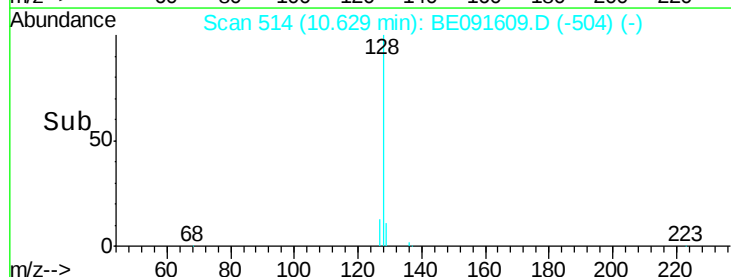
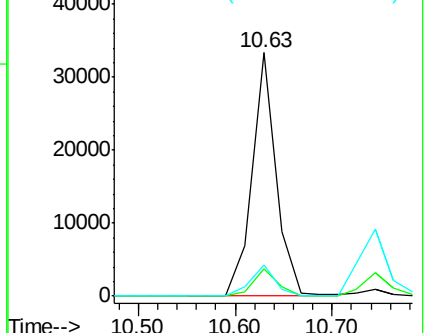
127 12.8 10.7 16.1

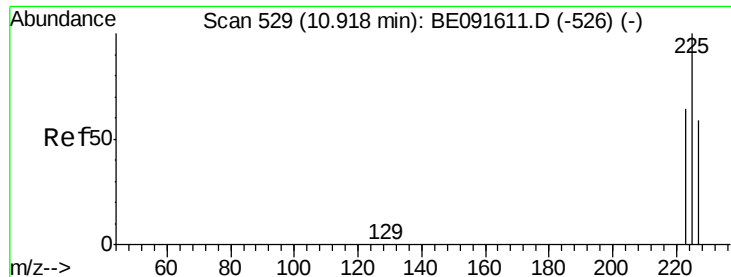


Abundance Ion 128.00 (127.70 to 128.70): BE091611.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091611.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091611.D (-506) (-)

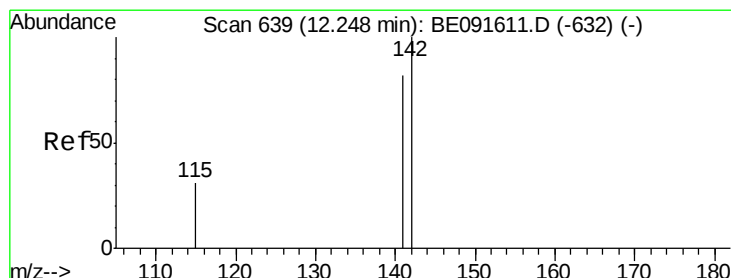
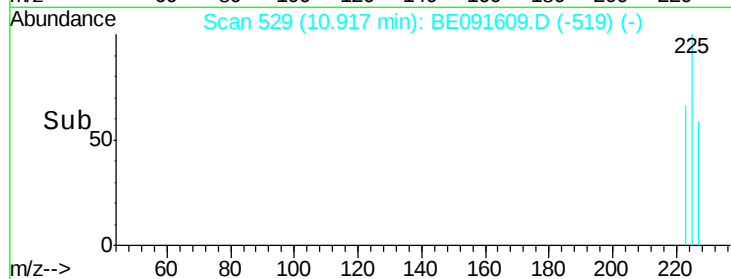
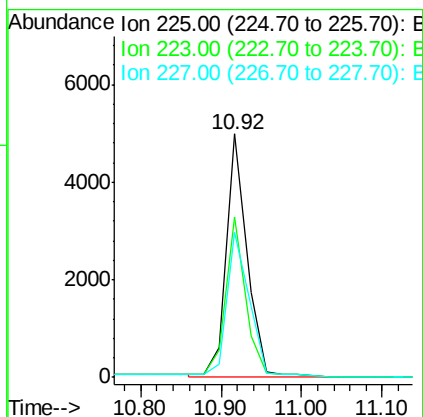
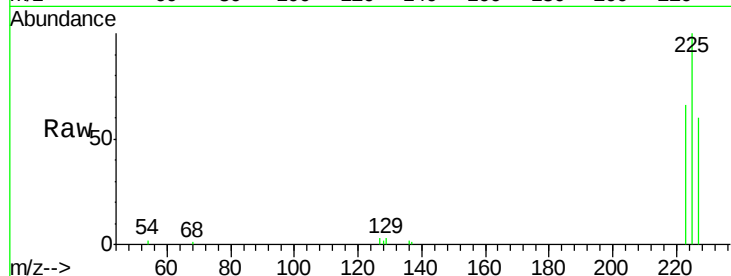




#11
Hexachlorobutadiene
Concen: 1.44 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

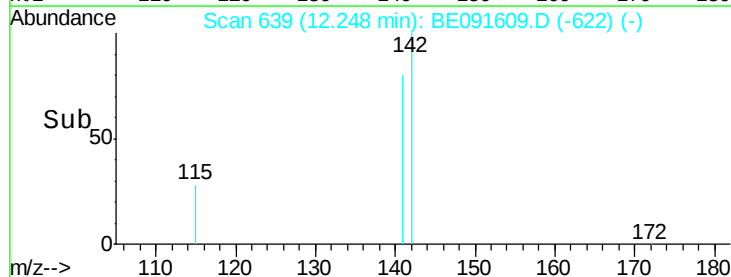
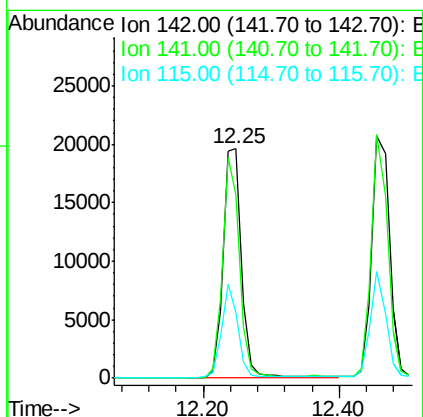
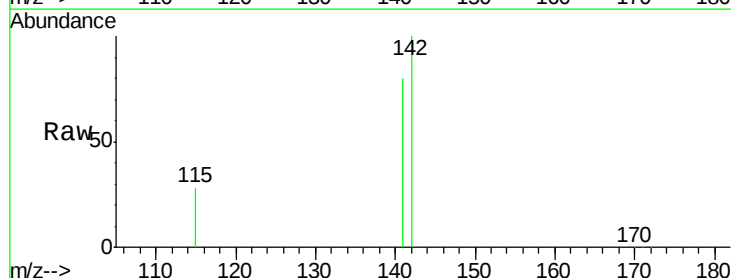
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

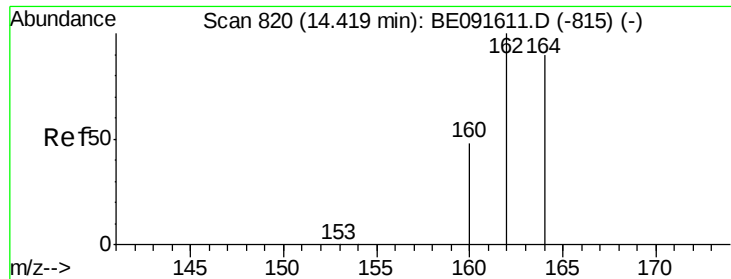
Tot Ion:225 Resp: 9420
Ion Ratio Lower Upper
225 100
223 64.9 49.0 73.6
227 65.2 50.3 75.5



#12
2-Methylnaphthalene
Concen: 1.60 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:142 Resp: 37123
Ion Ratio Lower Upper
142 100
141 80.1 71.4 107.0
115 28.5 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

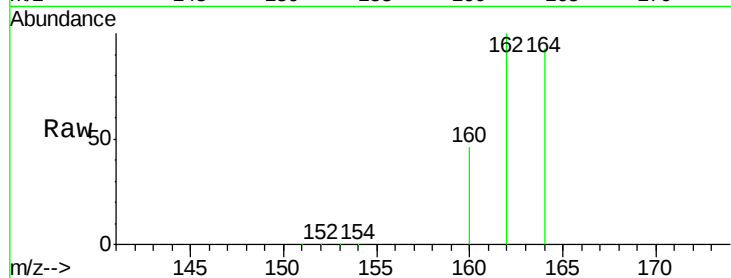
Tot Ion:164 Resp: 112108

Ion Ratio Lower Upper

164 100

162 108.0 85.3 127.9

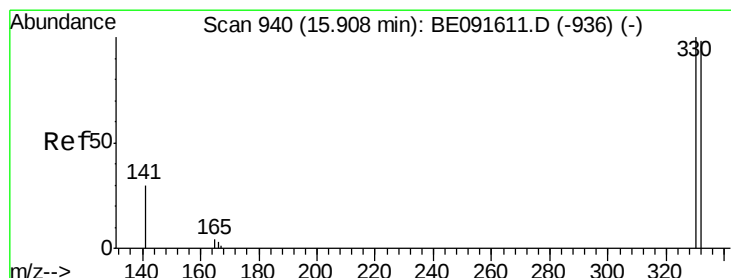
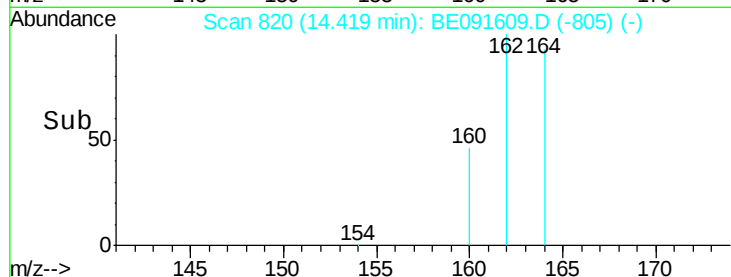
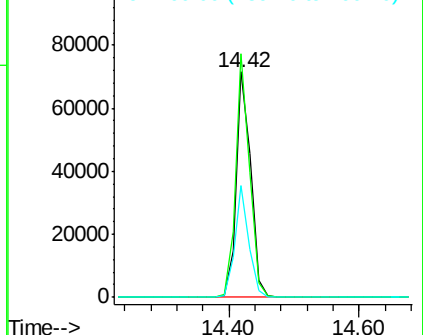
160 49.4 46.2 69.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 1.73 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

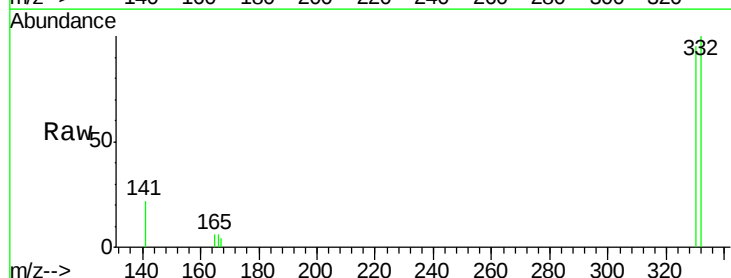
Tgt Ion:330 Resp: 6128

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

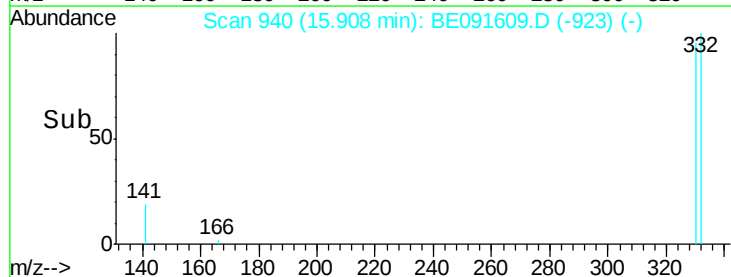
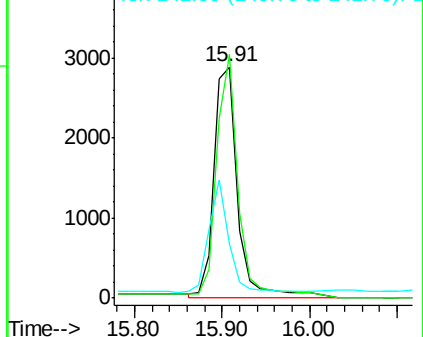
141 35.2 125.4 188.0#

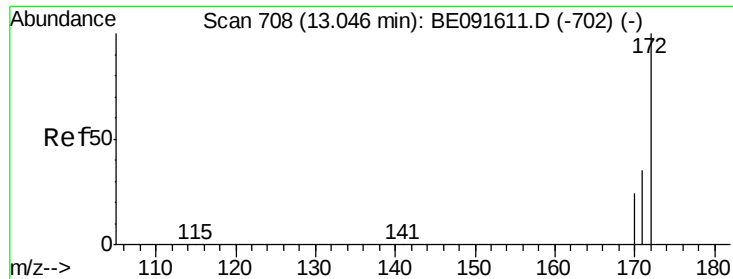


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

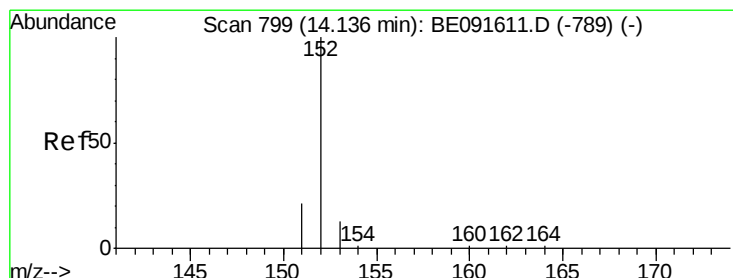
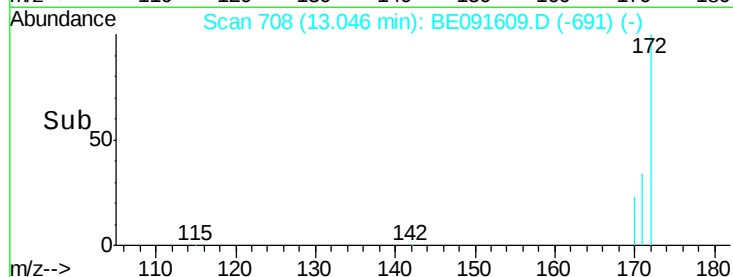
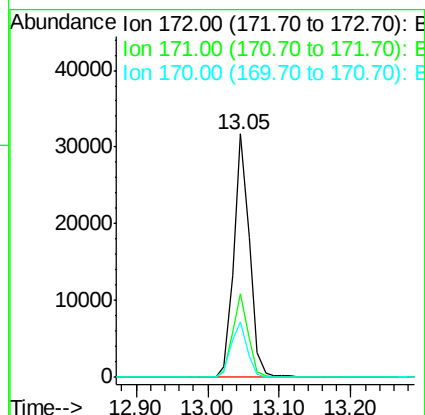
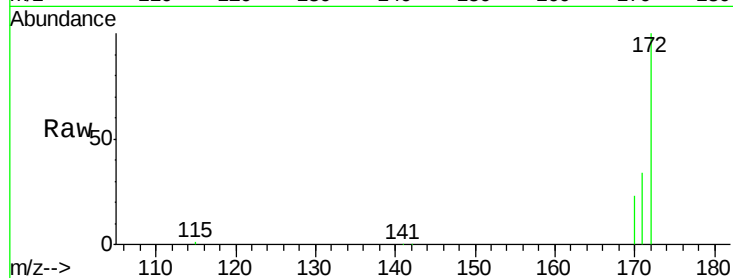




#15
2-Fluorobiphenyl
Concen: 1.57 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

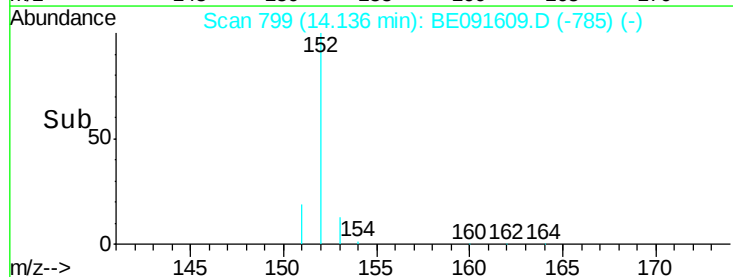
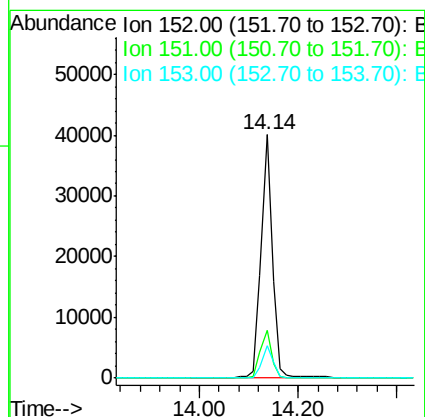
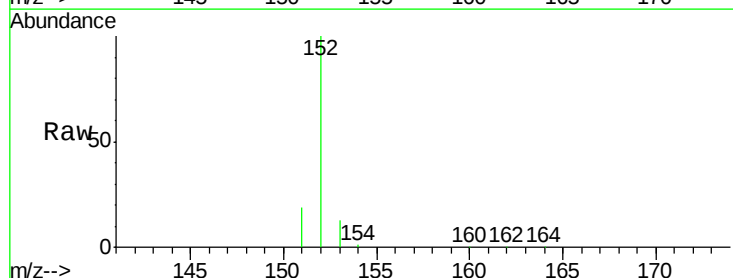
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

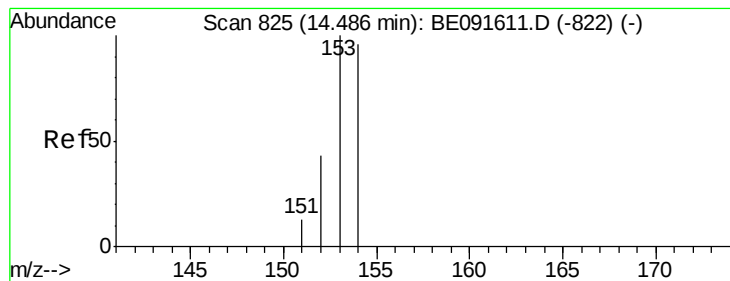
Tot Ion:172 Resp: 47666
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 22.8 19.3 28.9



#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:152 Resp: 68126
Ion Ratio Lower Upper
152 100
151 18.1 3.9 5.9#
153 14.3 10.3 15.5





#17

Acenaphthene

Concen: 1.40 ng

RT: 14.49 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

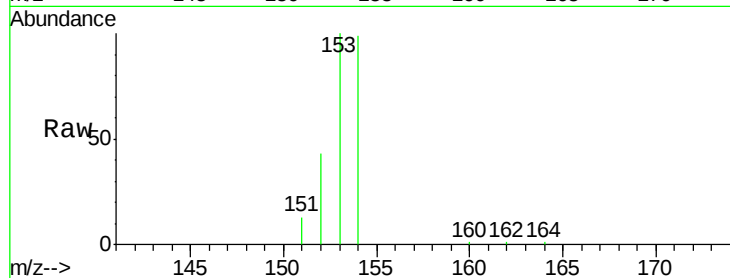
Tot Ion:154 Resp: 41927

Ion Ratio Lower Upper

154 100

153 111.4 80.0 120.0

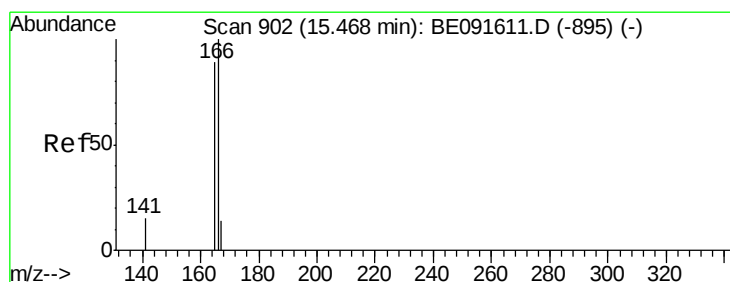
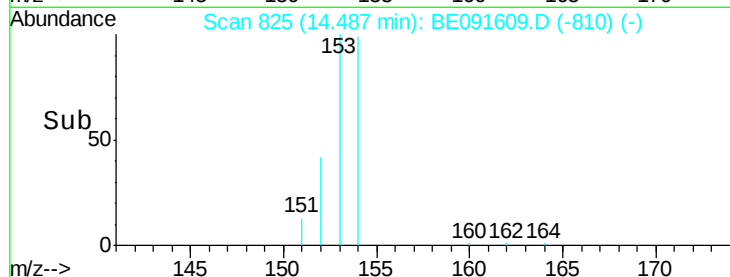
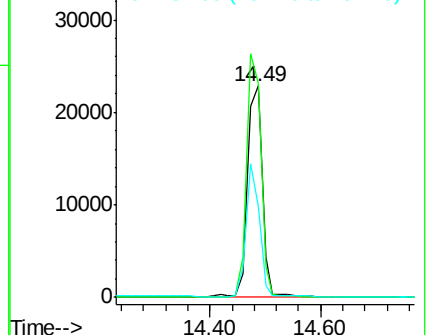
152 55.4 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 1.44 ng

RT: 15.46 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

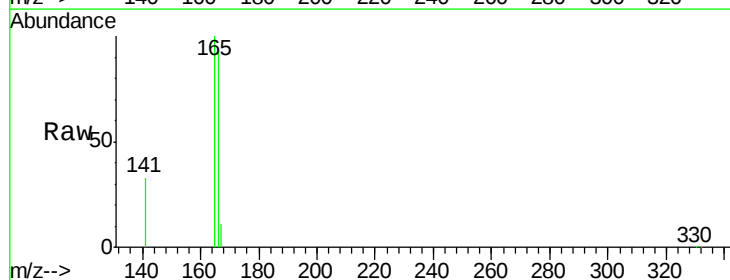
Tgt Ion:166 Resp: 53239

Ion Ratio Lower Upper

166 100

165 98.0 80.8 121.2

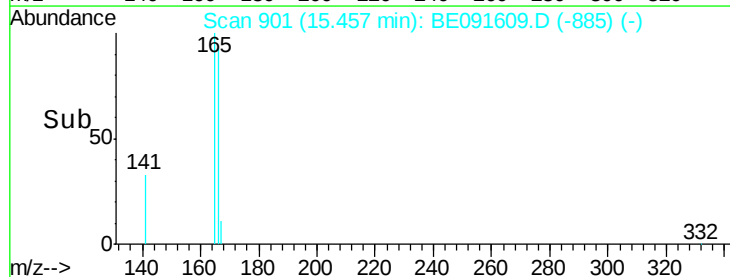
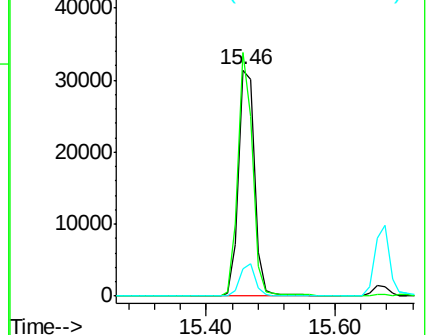
167 13.5 10.9 16.3

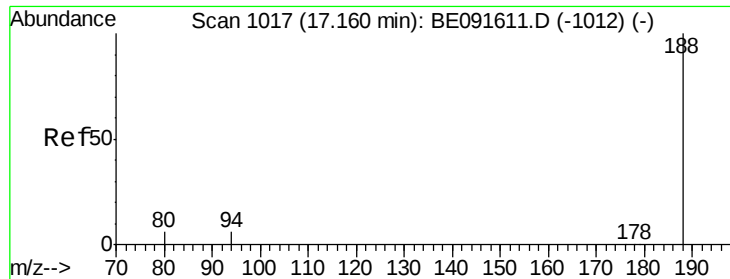


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

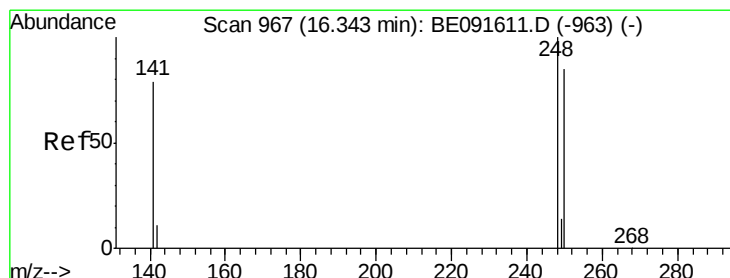
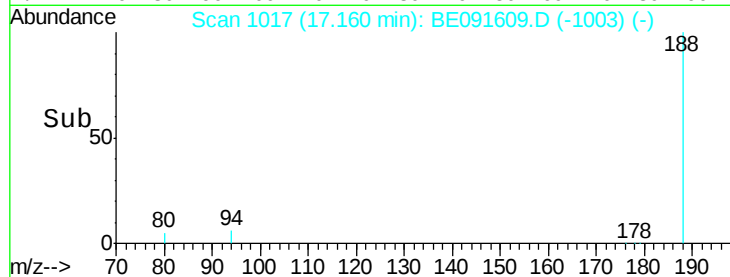
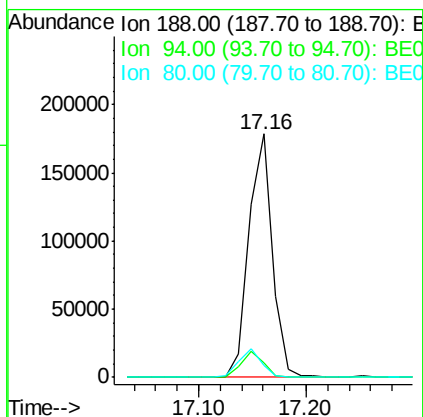
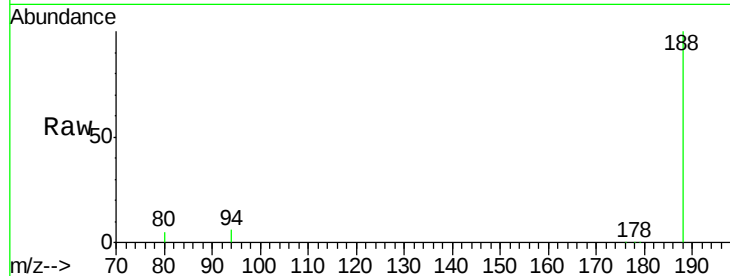




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

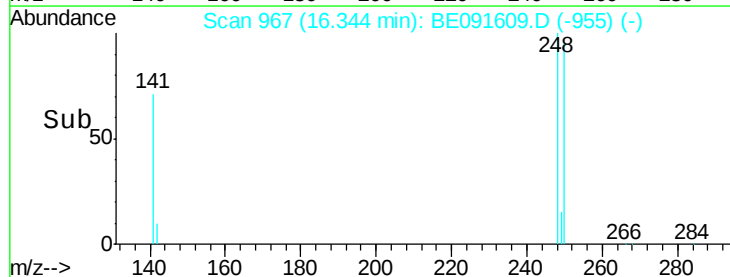
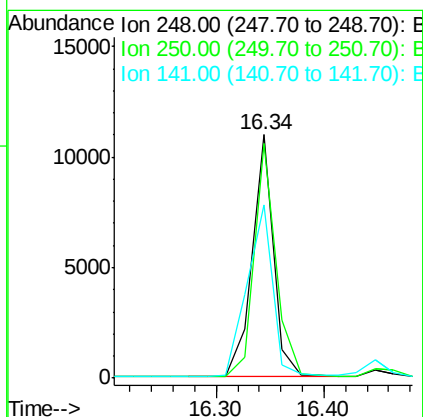
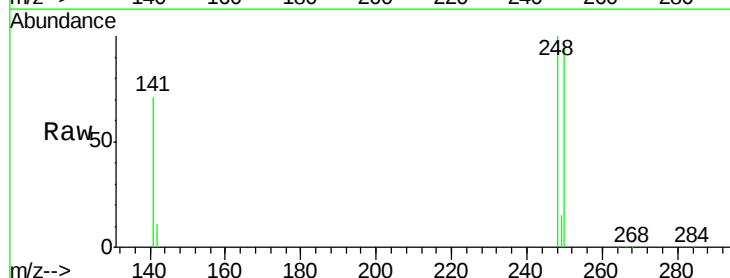
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

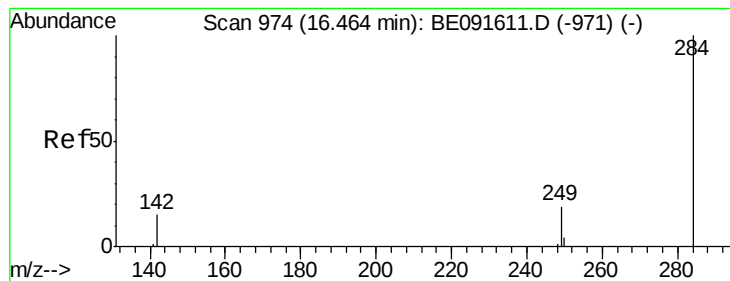
Tot Ion:188 Resp: 272515
Ion Ratio Lower Upper
188 100
94 5.8 8.7 13.1#
80 5.1 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 1.48 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:248 Resp: 15222
Ion Ratio Lower Upper
248 100
250 97.1 80.5 120.7
141 83.0 72.0 108.0





#21

Hexachlorobenzene

Concen: 0.29 ng

RT: 16.46 min Scan# 974

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

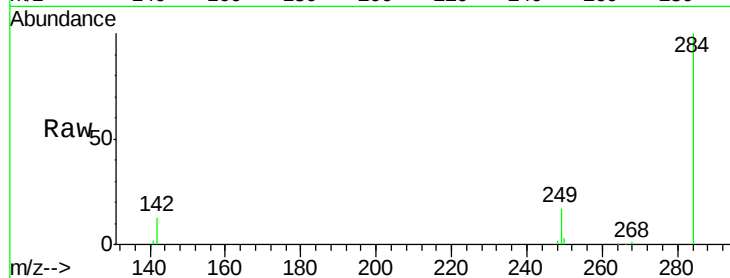
Tot Ion:284 Resp: 15496

Ion Ratio Lower Upper

284 100

142 41.1 32.2 48.2

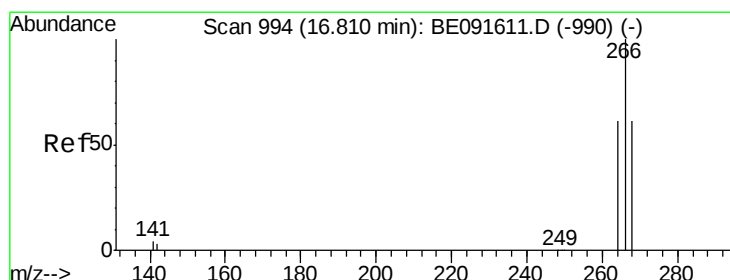
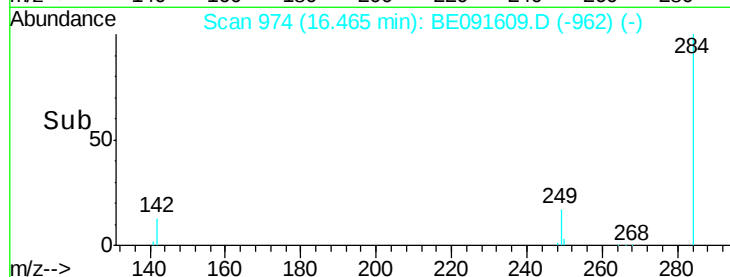
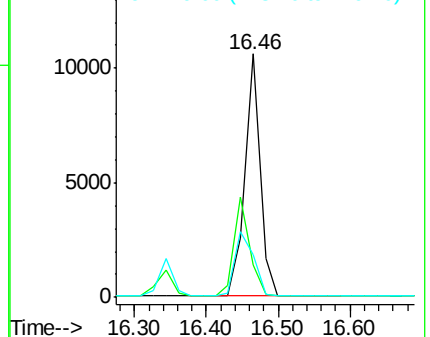
249 32.5 25.4 38.2



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: 1.56 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

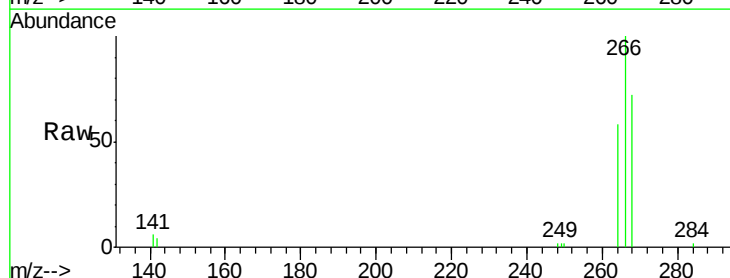
Tgt Ion:266 Resp: 5981

Ion Ratio Lower Upper

266 100

268 71.7 58.2 87.2

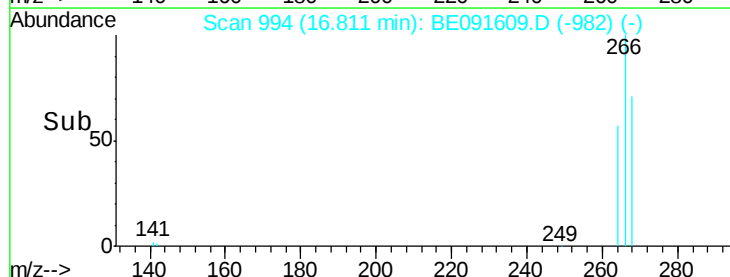
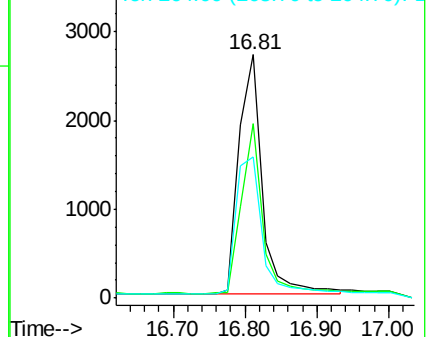
264 58.1 56.2 84.4

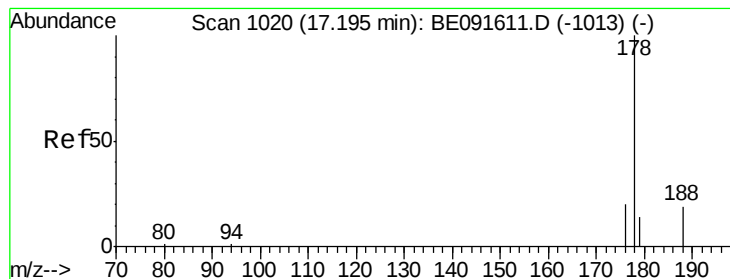


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.37 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

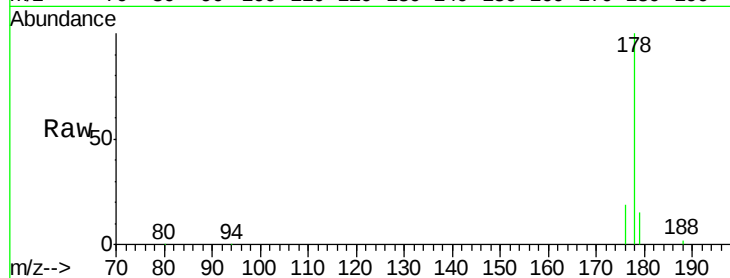
Tot Ion:178 Resp: 94675

Ion Ratio Lower Upper

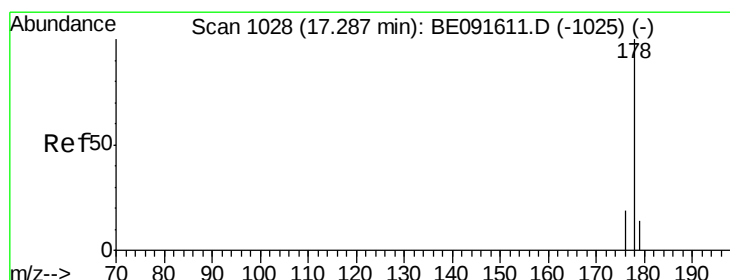
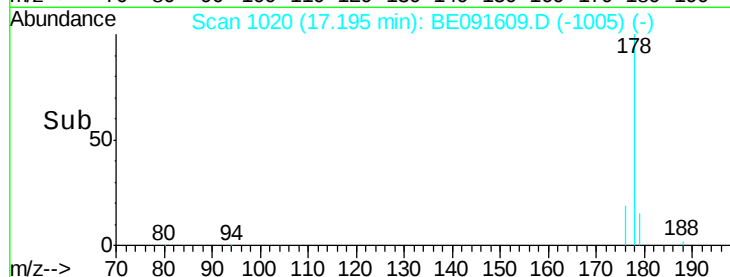
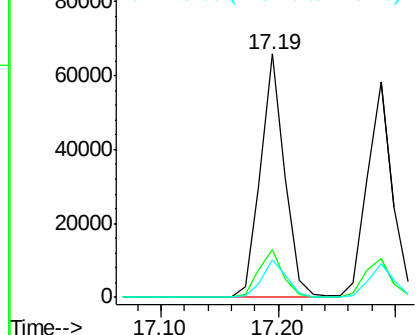
178 100

176 19.6 15.3 22.9

179 15.7 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: 1.42 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

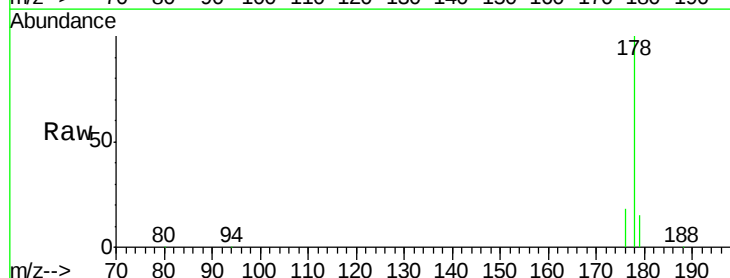
Tgt Ion:178 Resp: 87724

Ion Ratio Lower Upper

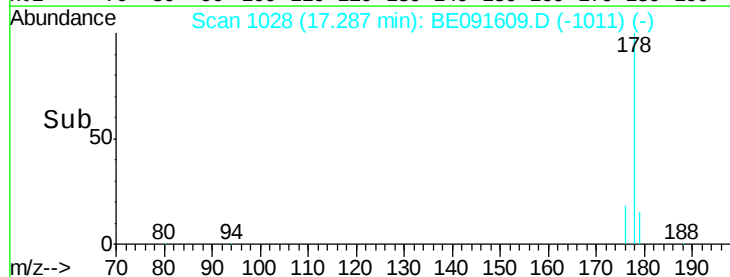
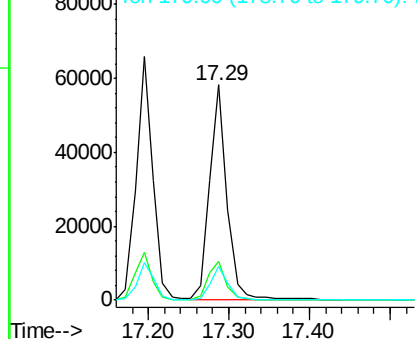
178 100

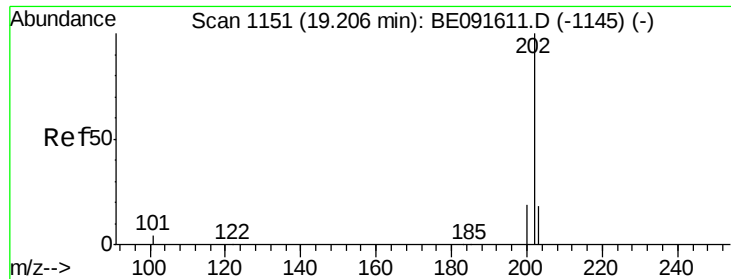
176 18.8 14.6 21.8

179 15.2 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: 1.28 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

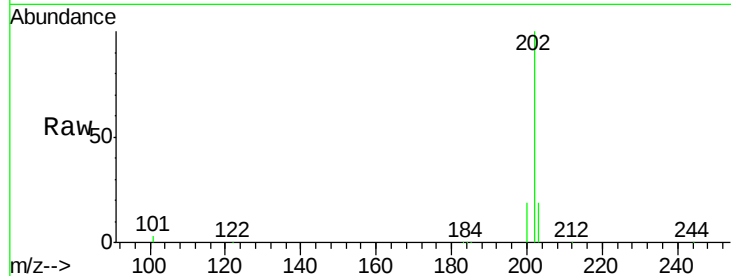
Tot Ion:202 Resp: 105249

Ion Ratio Lower Upper

202 100

101 10.9 11.0 16.6#

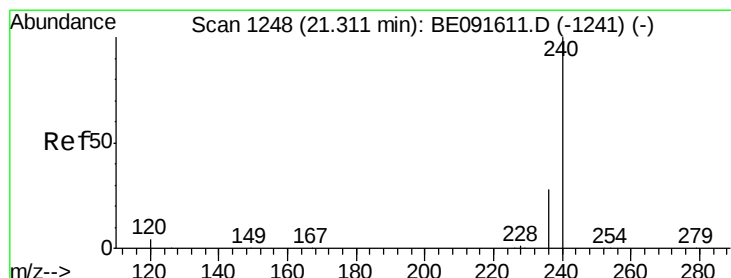
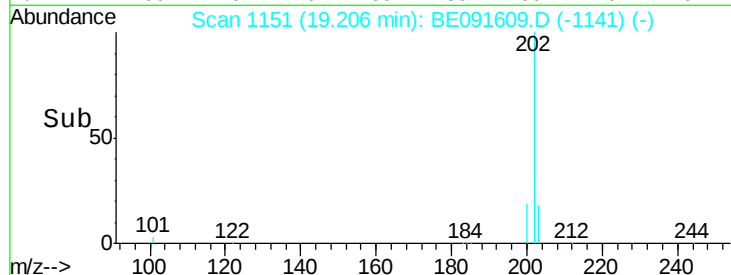
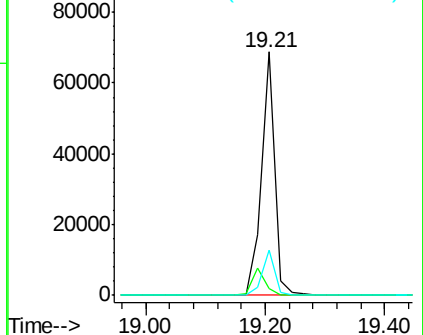
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

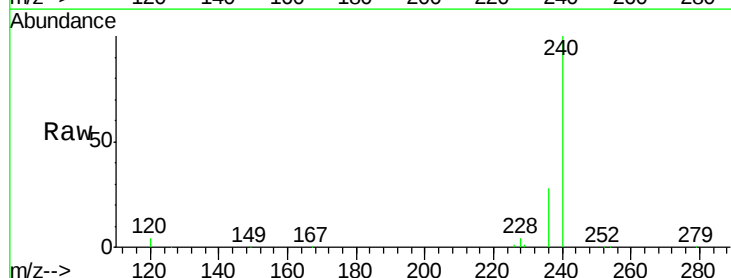
Tgt Ion:240 Resp: 368899

Ion Ratio Lower Upper

240 100

120 3.7 11.0 16.4#

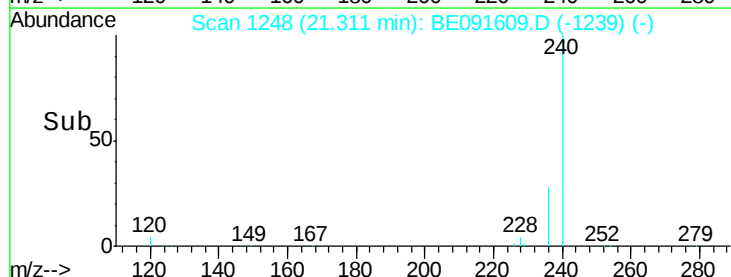
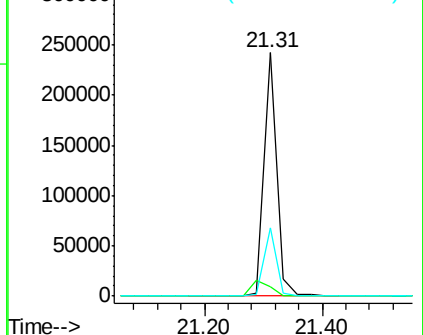
236 28.1 21.7 32.5

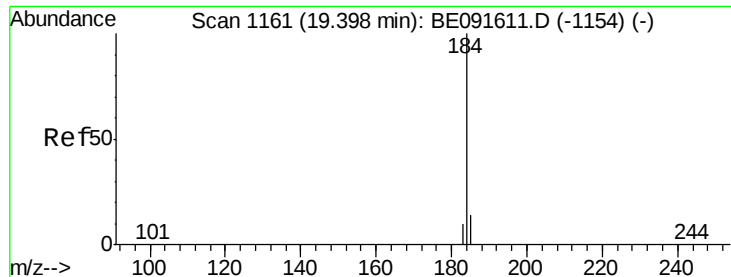


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.19 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.37 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

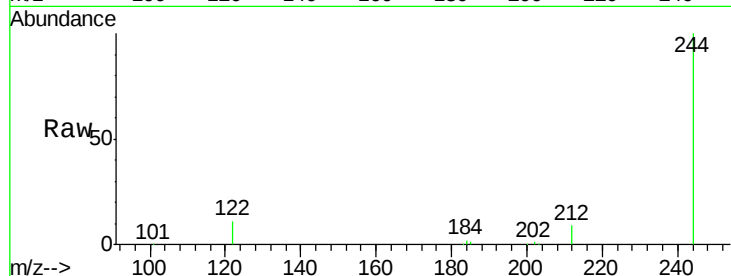
Tot Ion:184 Resp: 1282

Ion Ratio Lower Upper

184 100

185 24.1 22.3 33.5

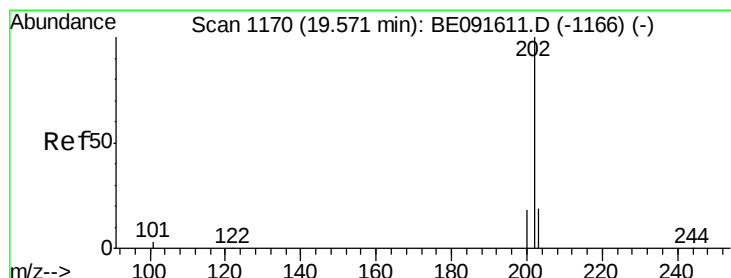
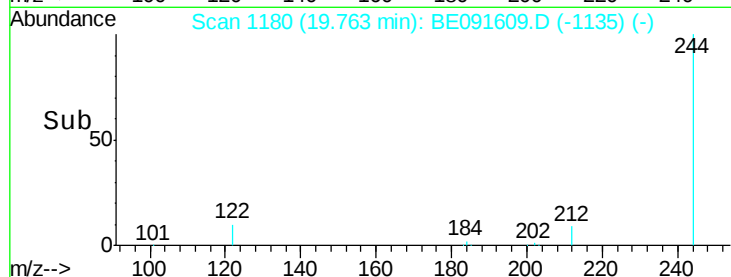
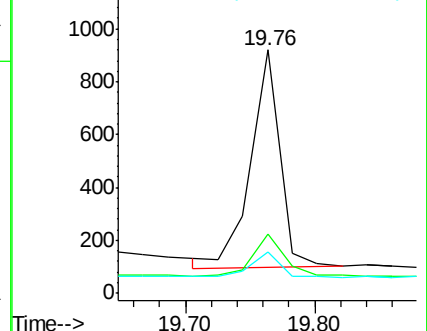
183 17.0 16.4 24.6



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: 1.16 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

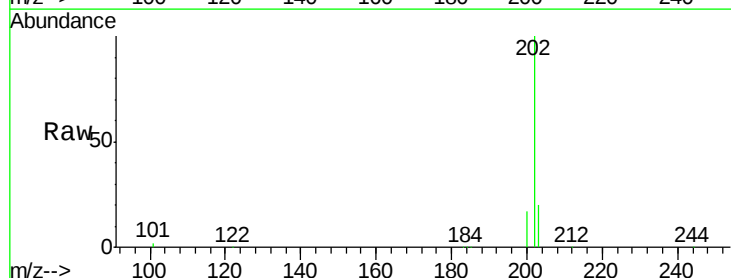
Tgt Ion:202 Resp: 109587

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

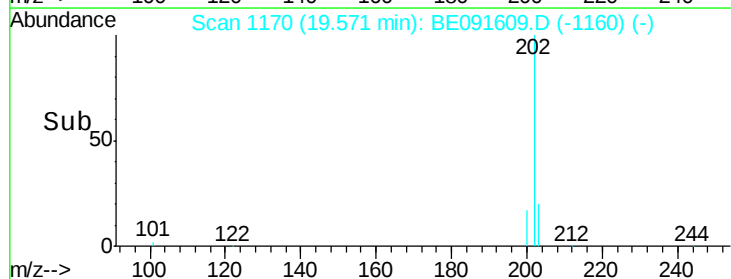
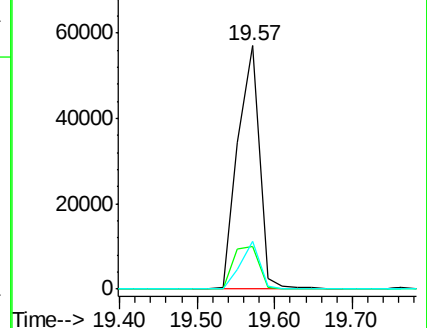
203 17.5 14.0 21.0

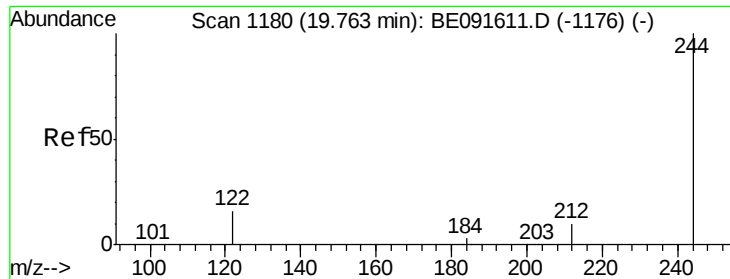


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.54 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

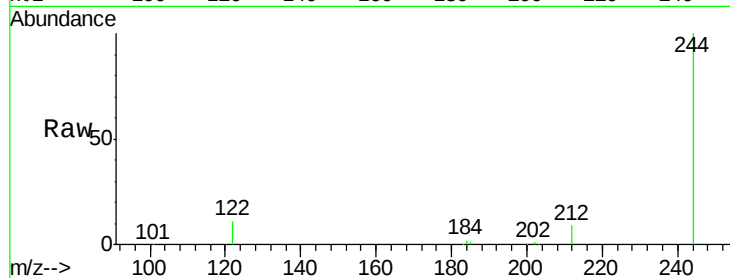
Tot Ion:244 Resp: 71837

Ion Ratio Lower Upper

244 100

212 9.4 6.9 10.3

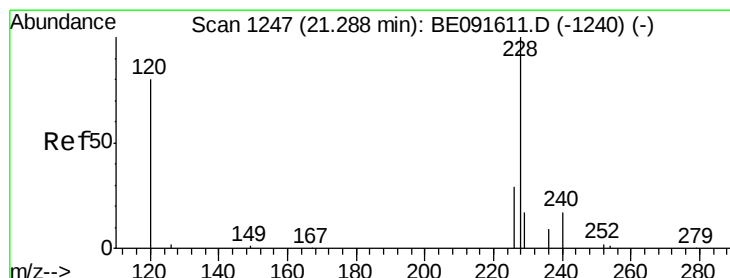
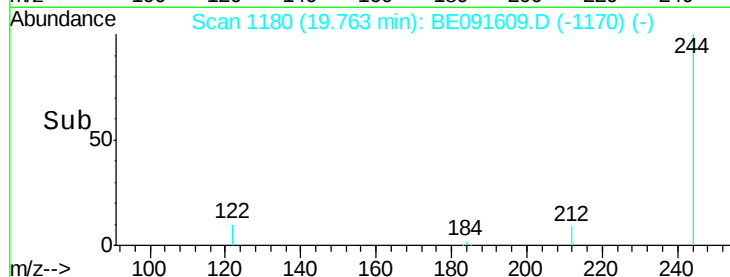
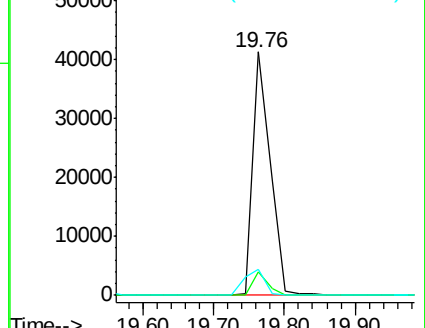
122 10.6 11.0 16.4#



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: 2.66 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

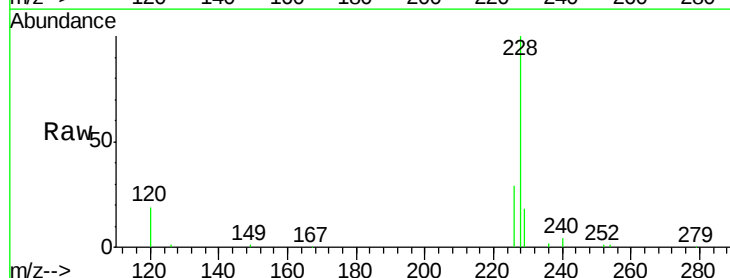
Tgt Ion:228 Resp: 231018

Ion Ratio Lower Upper

228 100

226 29.3 21.0 31.4

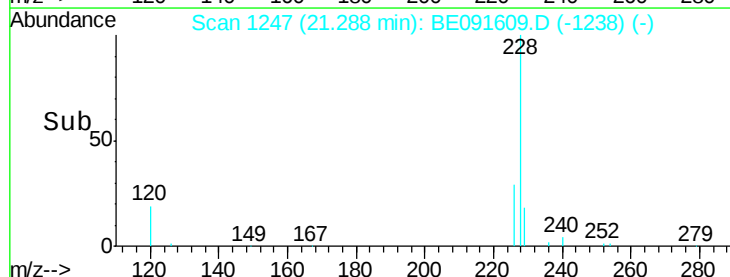
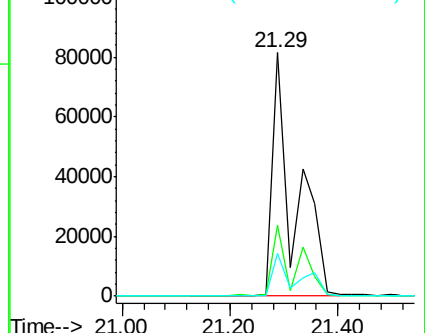
229 17.7 15.7 23.5

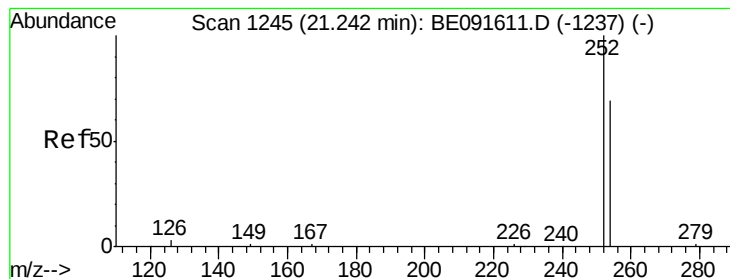


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 4.60 ng

RT: 21.24 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

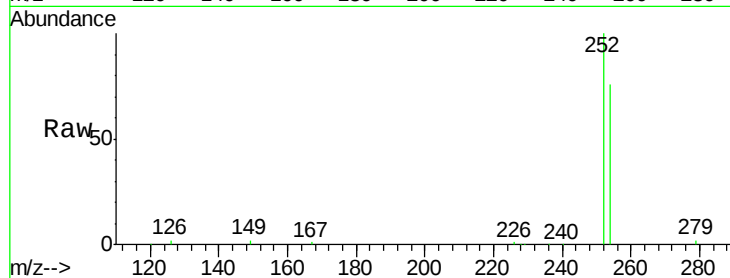
Tot Ion:252 Resp: 68193

Ion Ratio Lower Upper

252 100

254 75.8 51.1 76.7

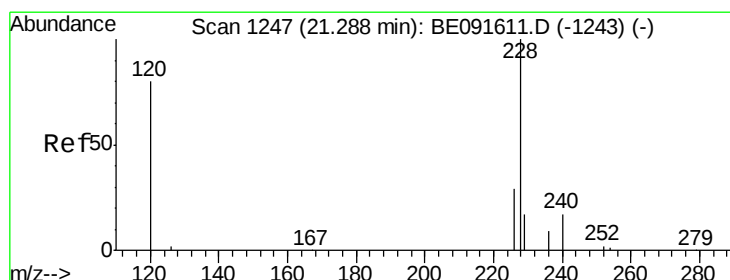
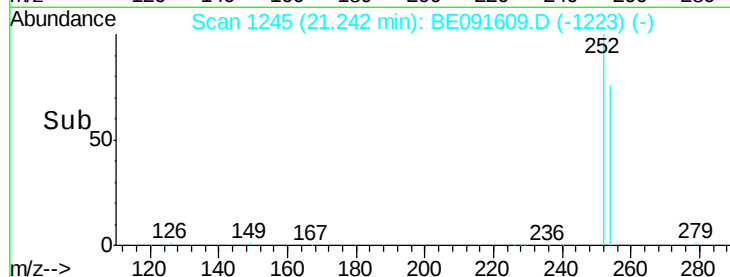
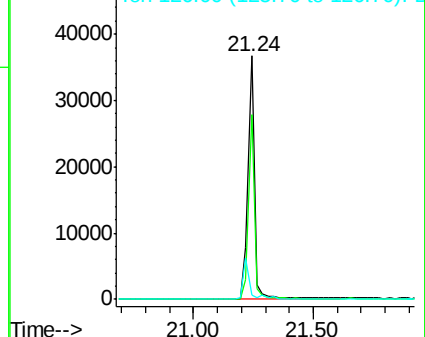
126 1.6 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 2.09 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

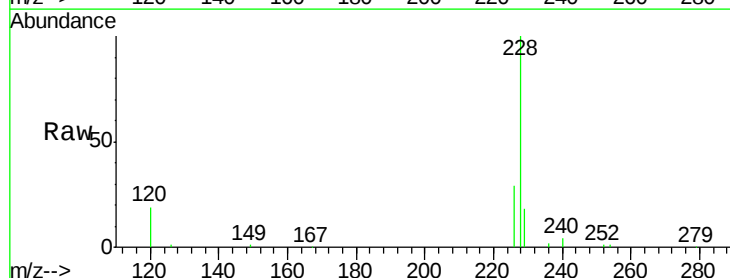
Tgt Ion:228 Resp: 232377

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

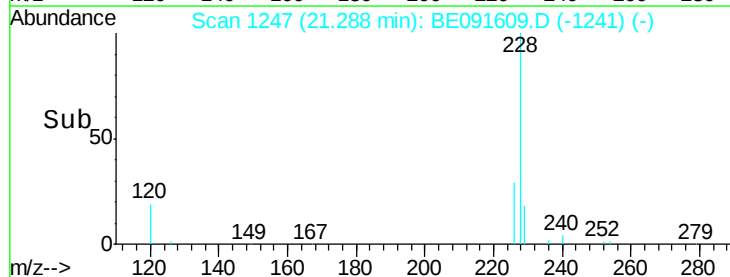
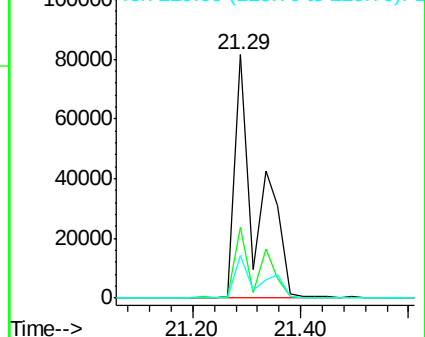
229 17.7 15.9 23.9

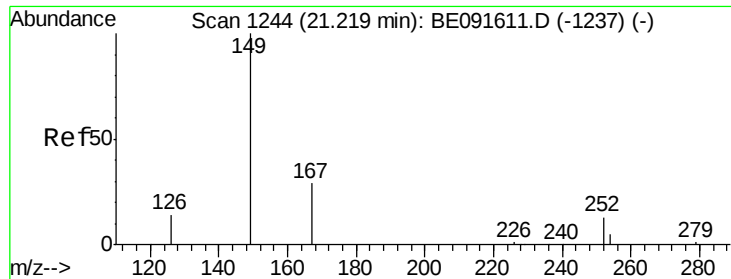


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.60 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

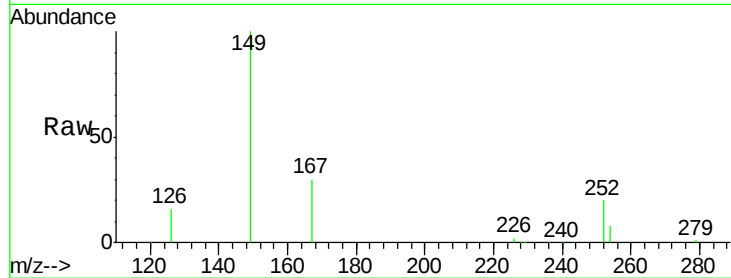
Tot Ion:149 Resp: 55154

Ion Ratio Lower Upper

149 100

167 30.0 19.5 29.3#

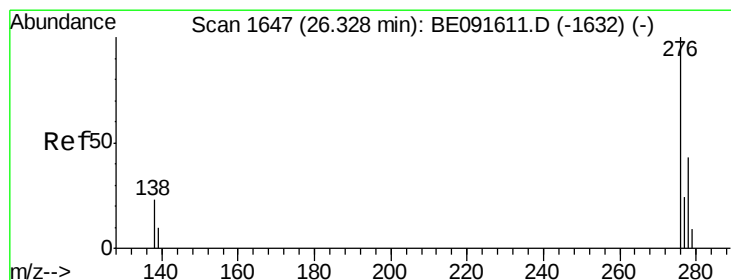
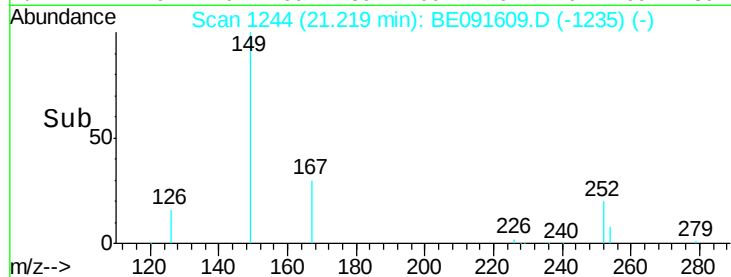
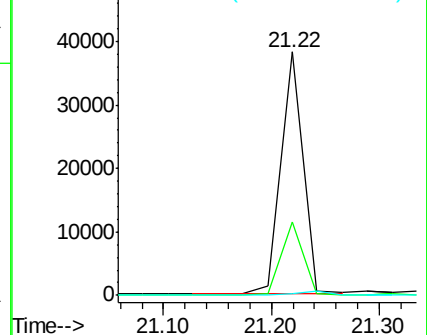
279 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng

RT: 26.33 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

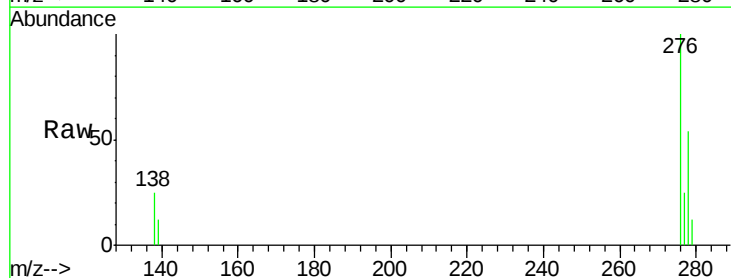
Tgt Ion:276 Resp: 126270

Ion Ratio Lower Upper

276 100

138 25.8 23.4 35.2

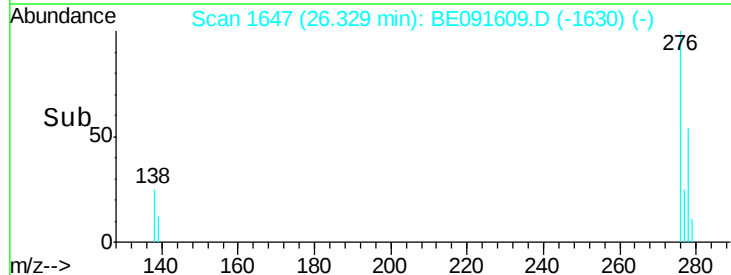
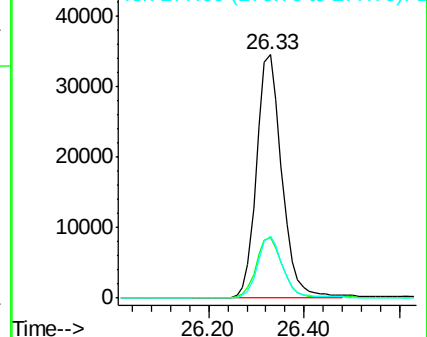
277 24.9 19.8 29.8

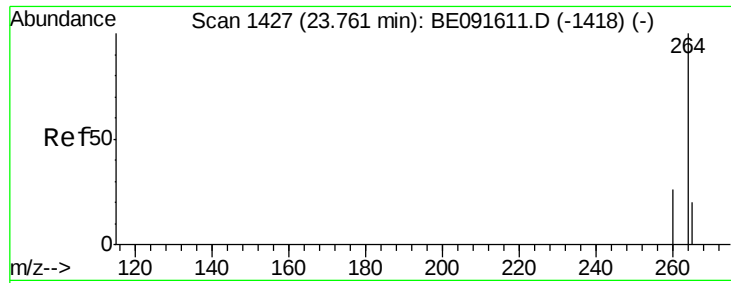


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

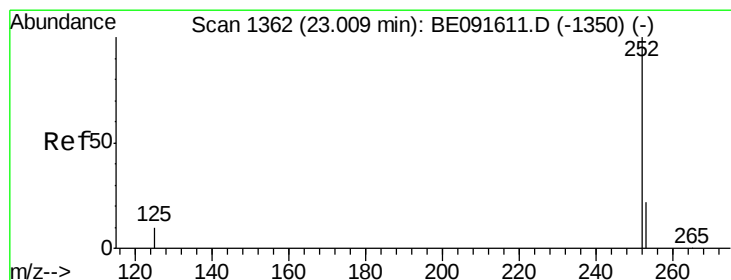
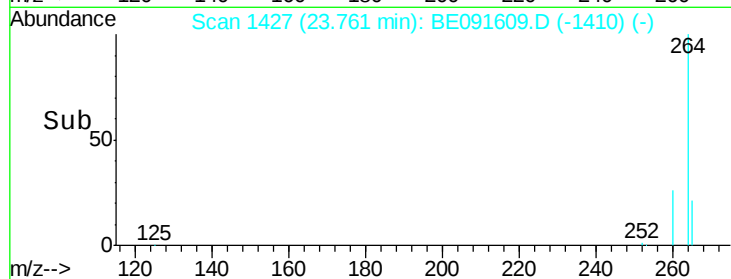
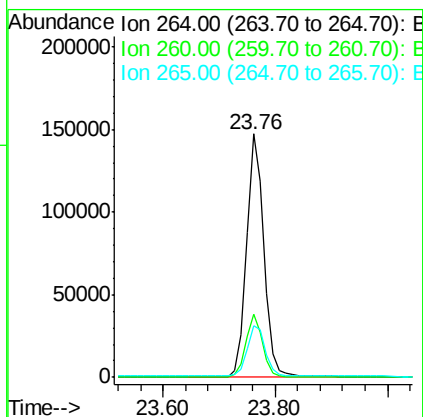
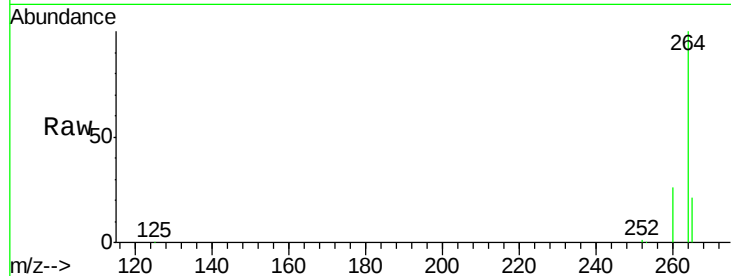




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

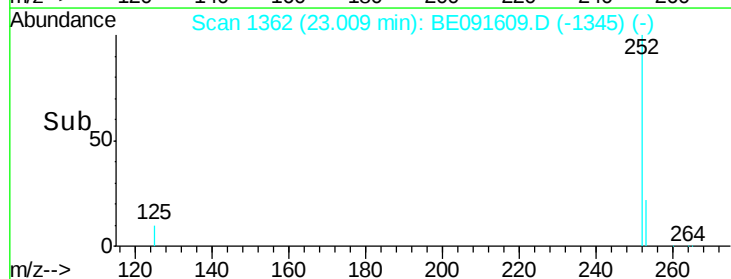
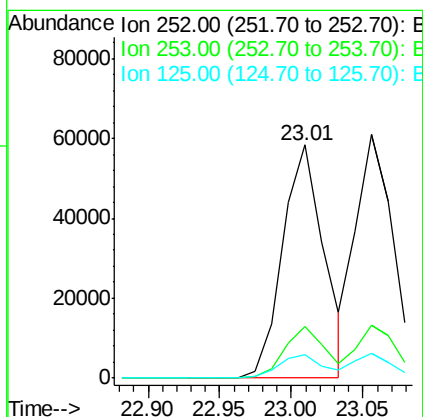
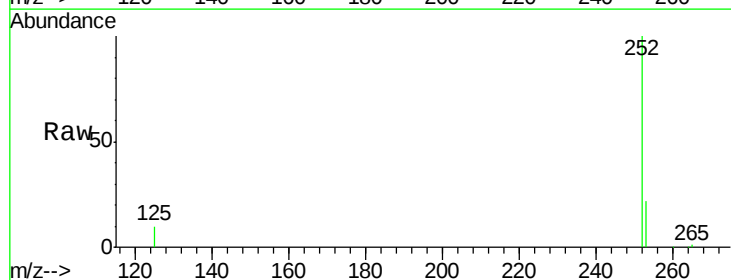
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

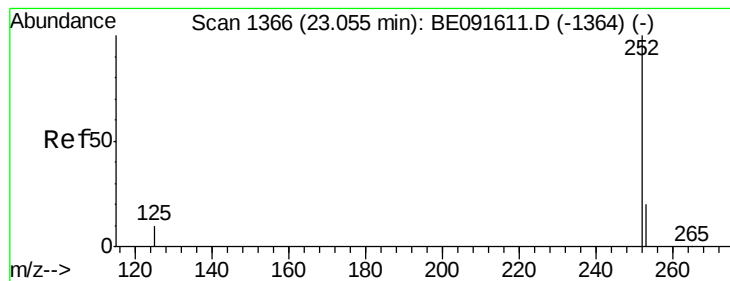
Tot Ion:264 Resp: 321503
Ion Ratio Lower Upper
264 100
260 26.0 20.0 30.0
265 21.4 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 1.63 ng
RT: 23.01 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:252 Resp: 115818
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.9 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 1.16 ng

RT: 23.06 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

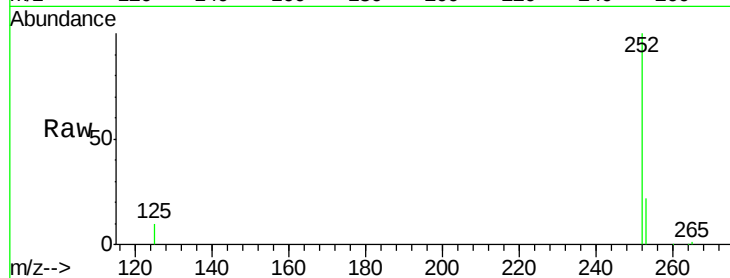
Tot Ion:252 Resp: 112577

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

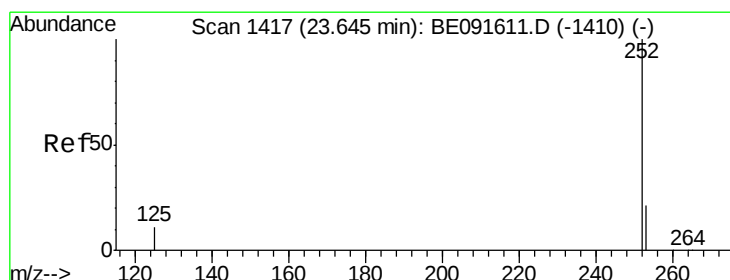
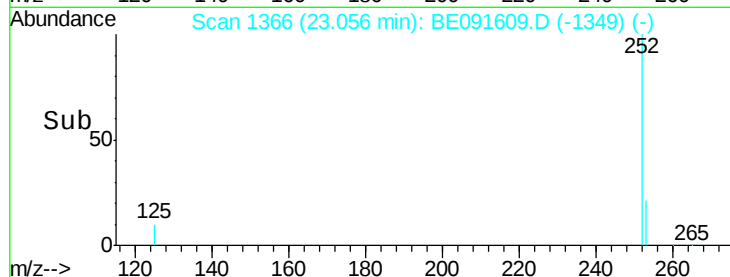
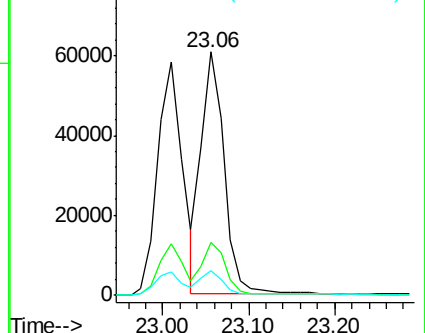
125 10.1 9.9 14.9



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: 1.63 ng

RT: 23.65 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

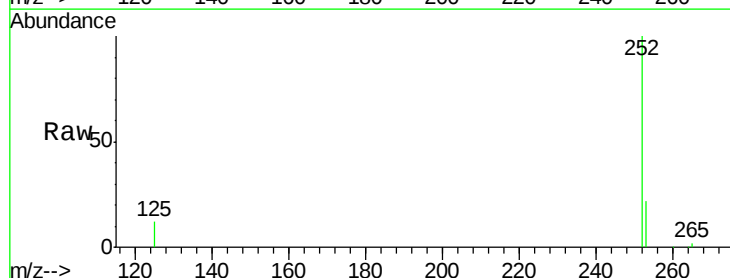
Tgt Ion:252 Resp: 106953

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

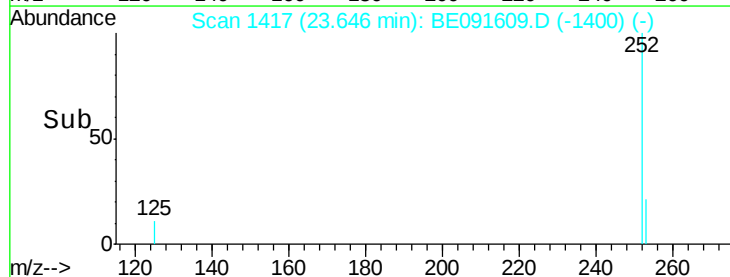
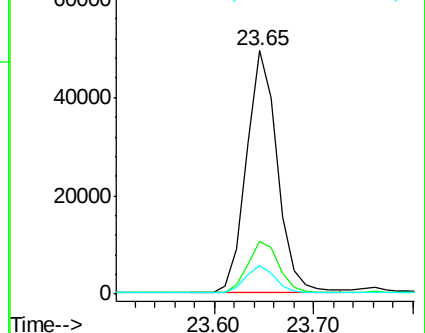
125 11.6 11.0 16.4

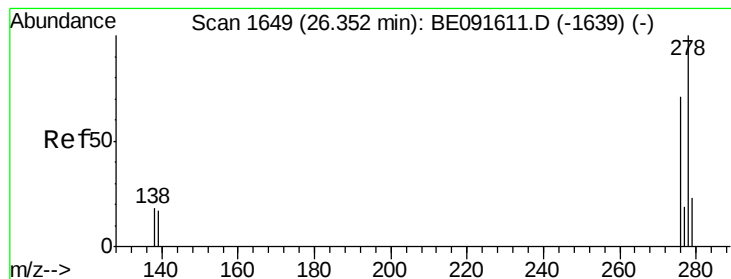


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 1.61 ng

RT: 26.35 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

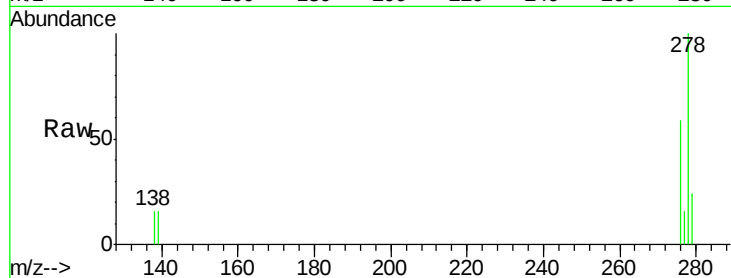
Tot Ion:278 Resp: 104689

Ion Ratio Lower Upper

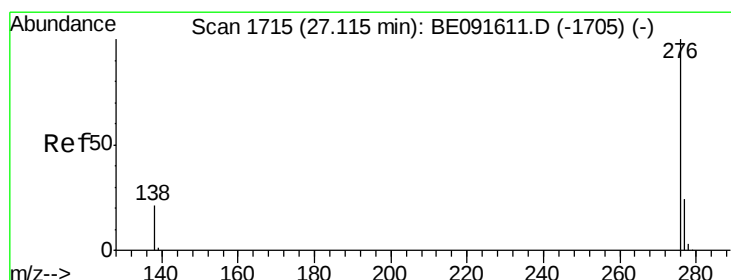
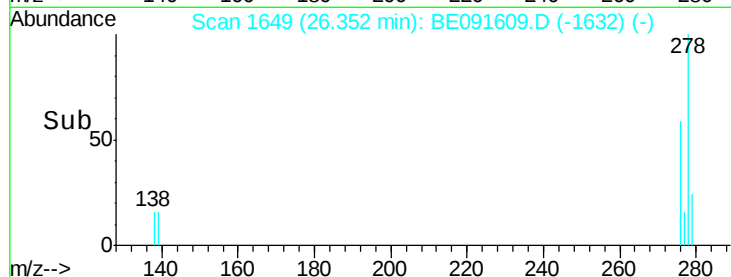
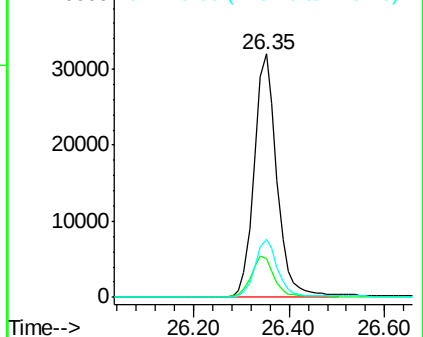
278 100

139 15.9 16.0 24.0#

279 23.8 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 1.52 ng

RT: 27.12 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE091609.D

Acq: 8 Apr 2016 13:02

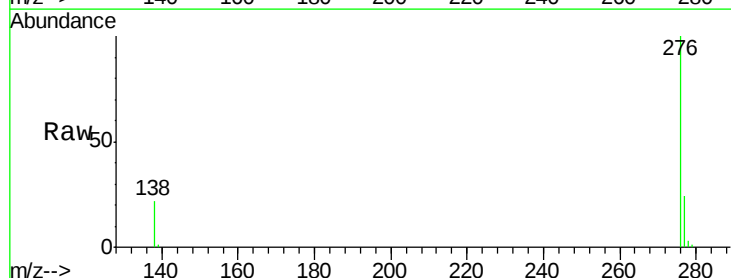
Tgt Ion:276 Resp: 107198

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 21.6 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

