

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091684.D
 Acq On : 20 Apr 2016 14:28
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 15:33:34 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:30:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	30800	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	148691	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	90401	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	225292	5.00	ng	0.00
26) Chrysene-d12	21.31	240	240652	5.00	ng	0.00
35) Perylene-d12	23.75	264	218709	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2623	0.39	ng	0.00
5) Phenol-d6	6.97	99	3443	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	2850	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1298	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	10031	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	14323	0.44	ng	0.00

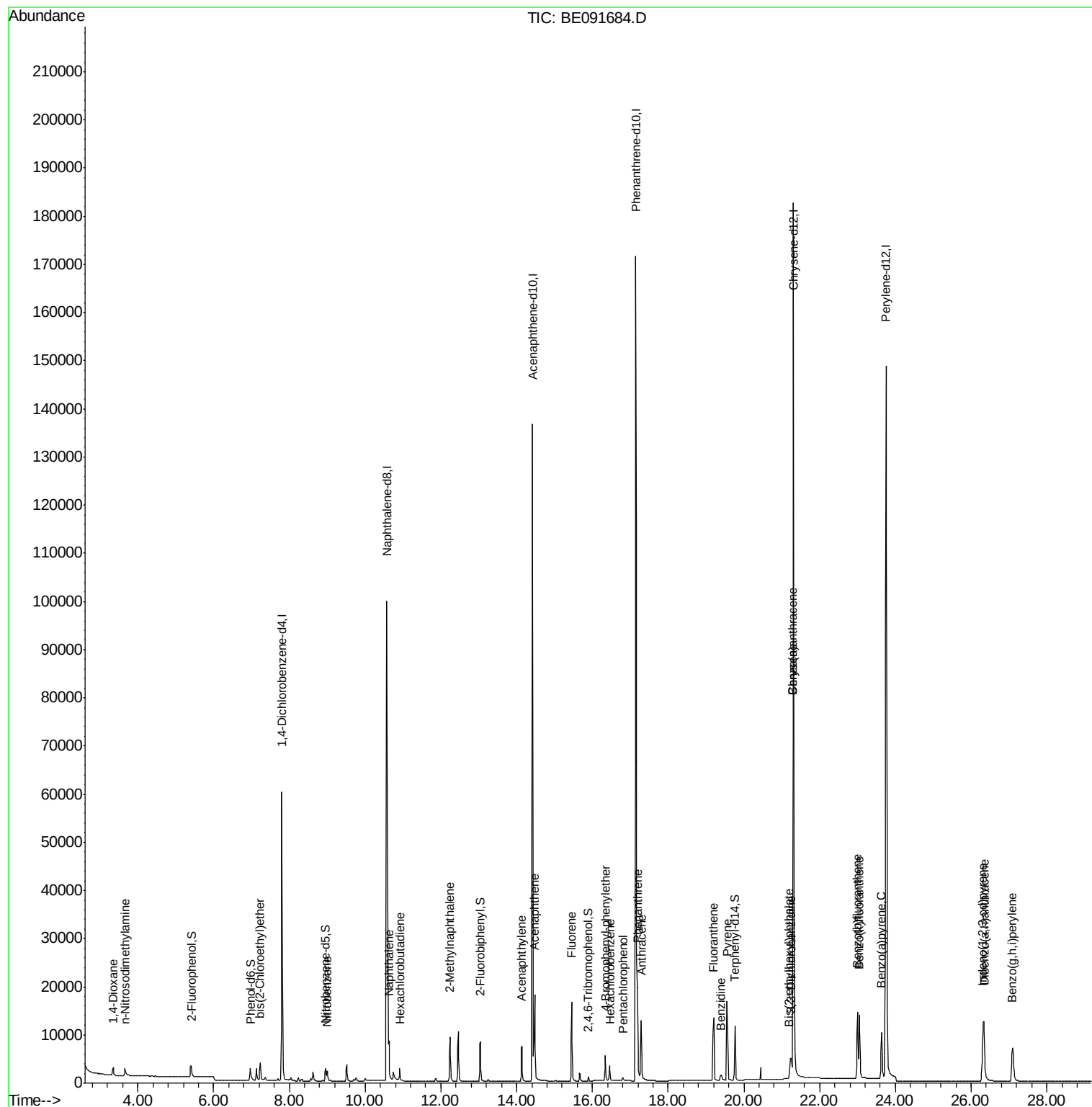
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1686	0.42	ng	90
3) n-Nitrosodimethylamine	3.66	42	1681	0.38	ng	# 89
6) bis(2-Chloroethyl)ether	7.23	93	3218	0.39	ng	# 77
9) Nitrobenzene	9.00	77	2868	0.37	ng	96
10) Naphthalene	10.63	128	12298	0.41	ng	97
11) Hexachlorobutadiene	10.92	225	2385	0.54	ng	90
12) 2-Methylnaphthalene	12.24	142	7699	0.40	ng	99
16) Acenaphthylene	14.14	152	13162	0.40	ng	# 78
17) Acenaphthene	14.47	154	8734	0.39	ng	86
18) Fluorene	15.46	166	10857	0.40	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	3049	0.39	ng	97
21) Hexachlorobenzene	16.46	284	3366	0.41	ng	97
22) Pentachlorophenol	16.81	266	742	0.27	ng	93
23) Phenanthrene	17.19	178	21076	0.41	ng	99
24) Anthracene	17.29	178	17303	0.38	ng	99
25) Fluoranthene	19.21	202	19348	0.38	ng	98
27) Benzidine	19.40	184	3430	0.20	ng	# 86
28) Pyrene	19.55	202	20848	0.43	ng	99
30) Benzo(a)anthracene	21.29	228	21604	0.39	ng	97
31) 3,3'-Dichlorobenzidine	21.24	252	7128	0.33	ng	# 83
32) Chrysene	21.29	228	21573	0.38	ng	93
33) Bis(2-ethylhexyl)phthalate	21.20	149	3272	0.32	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	20876	0.41	ng	96
36) Benzo(b)fluoranthene	23.00	252	19896	0.41	ng	97
37) Benzo(k)fluoranthene	23.04	252	19659	0.38	ng	99
38) Benzo(a)pyrene	23.63	252	16655	0.37	ng	100
39) Dibenzo(a,h)anthracene	26.34	278	17094	0.39	ng	# 95
40) Benzo(g,h,i)perylene	27.09	276	18017	0.40	ng	97

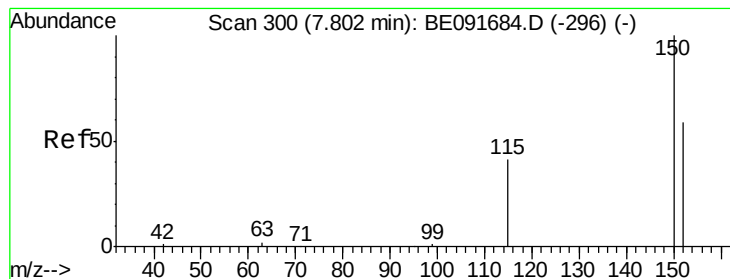
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

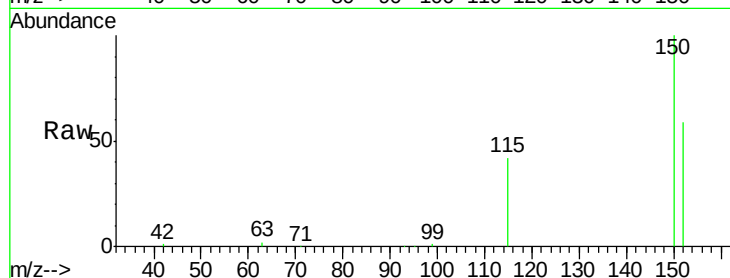
Tot Ion:152 Resp: 30800

Ion Ratio Lower Upper

152 100

150 169.2 122.6 183.8

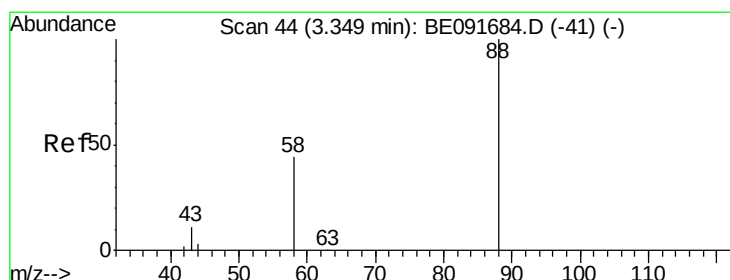
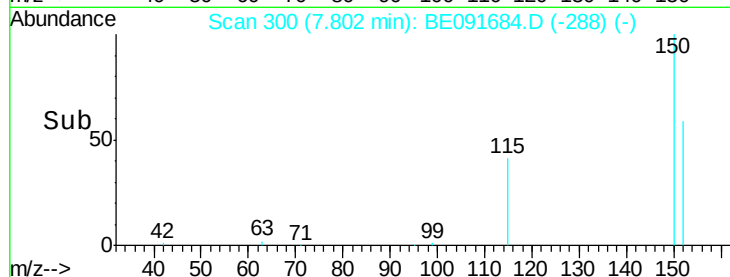
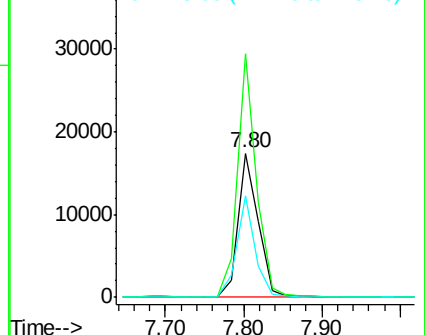
115 70.3 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

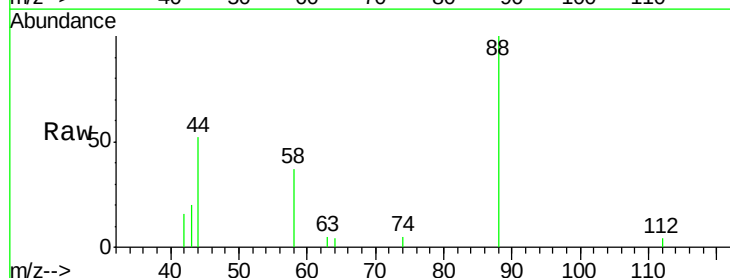
Tgt Ion: 88 Resp: 1686

Ion Ratio Lower Upper

88 100

58 71.5 65.8 98.6

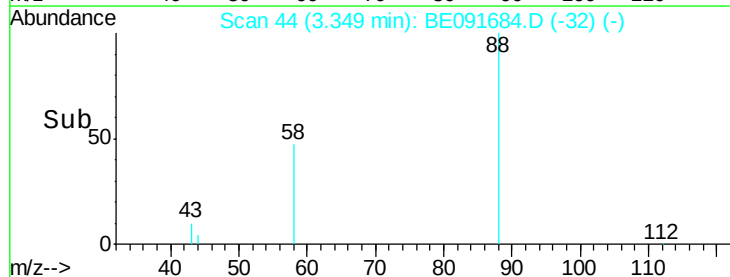
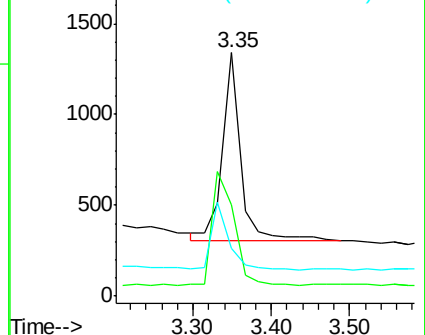
43 34.6 25.3 37.9

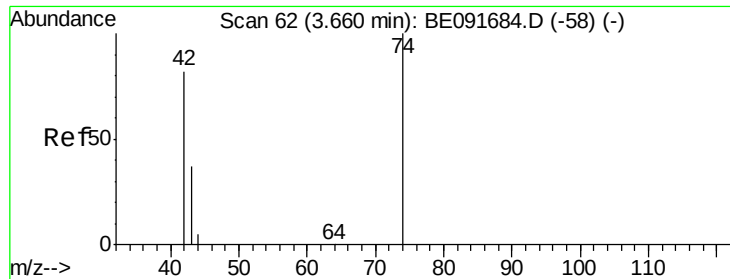


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.66 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

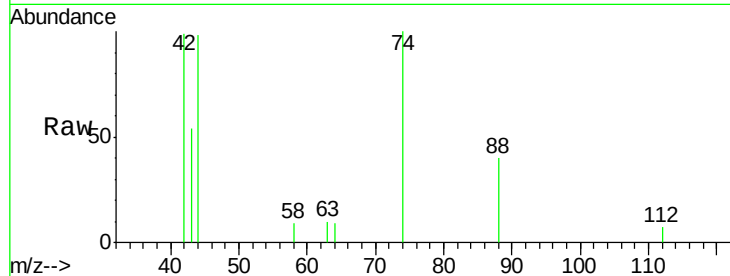
Tot Ion: 42 Resp: 1681

Ion Ratio Lower Upper

42 100

74 98.4 87.9 131.9

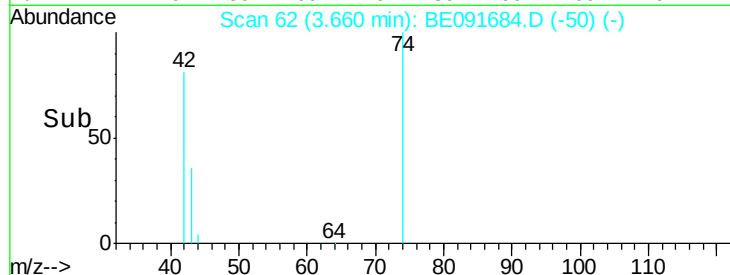
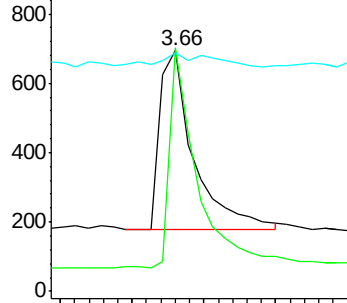
44 11.3 6.6 9.8#



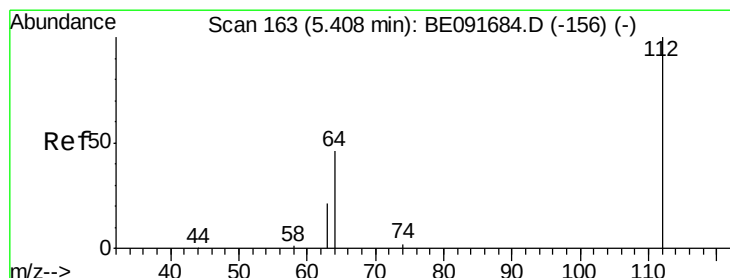
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.39 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

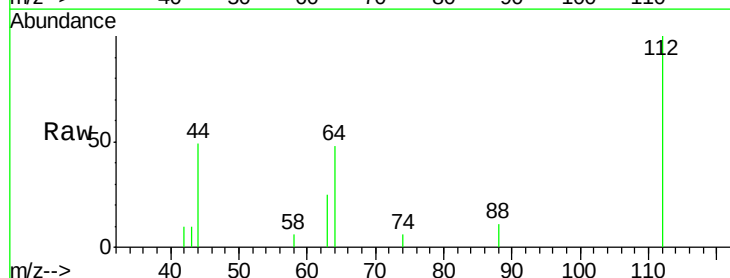
Tgt Ion: 112 Resp: 2623

Ion Ratio Lower Upper

112 100

64 67.9 30.9 46.3#

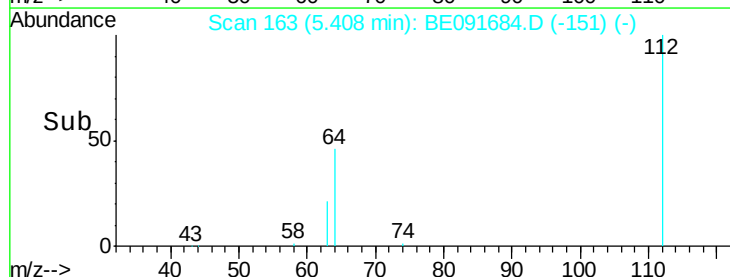
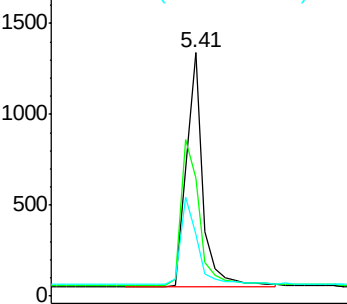
63 37.9 16.7 25.1#



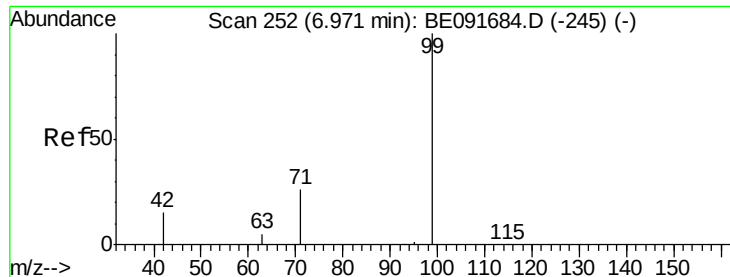
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.38 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

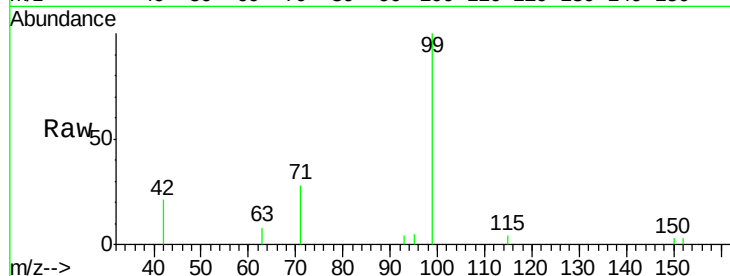
Instrument :

BNA_E

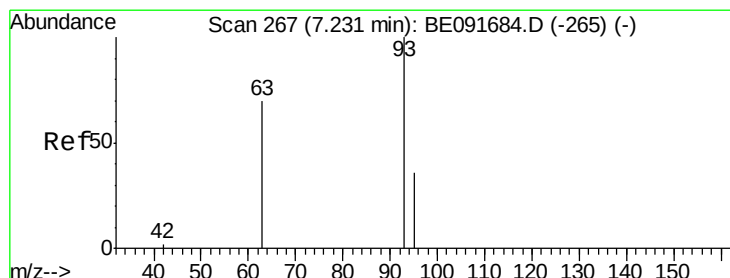
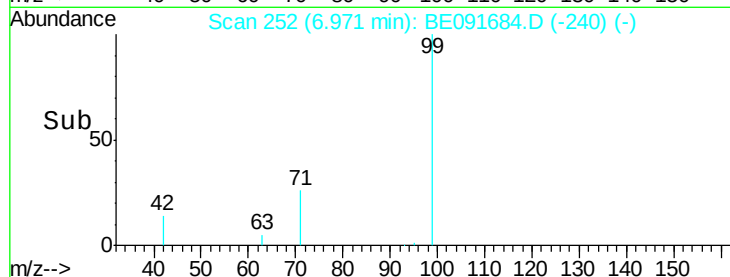
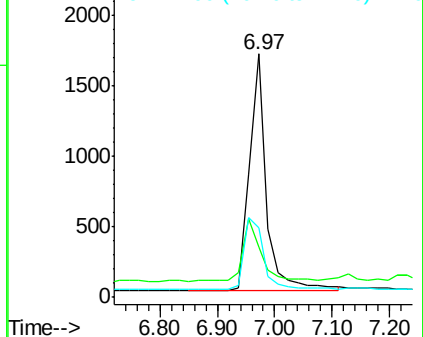
ClientSampleId :

Tot Ion: 99 Resp: 3443

Ion	Ratio	Lower	Upper
99	100		
42	27.9	16.2	24.2#
71	35.4	29.0	43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.23 min Scan# 267

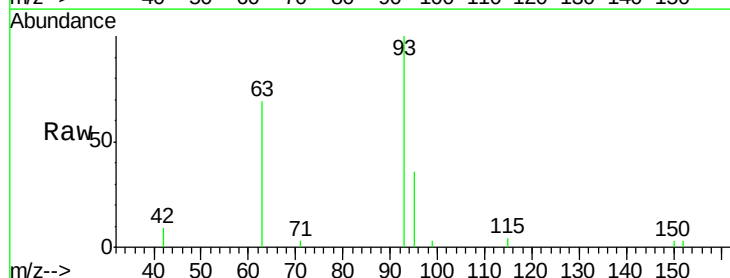
Delta R.T. 0.00 min

Lab File: BE091684.D

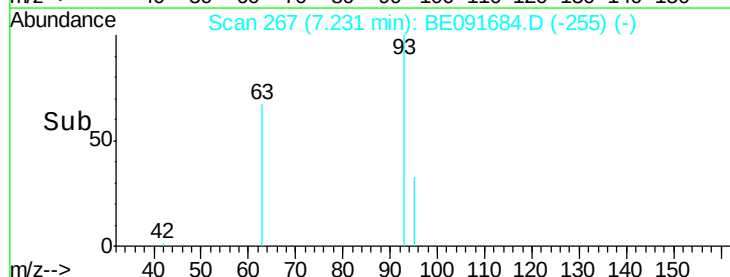
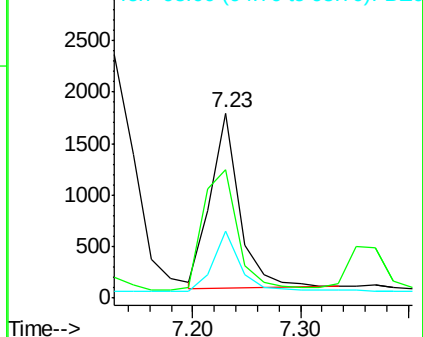
Acq: 20 Apr 2016 14:28

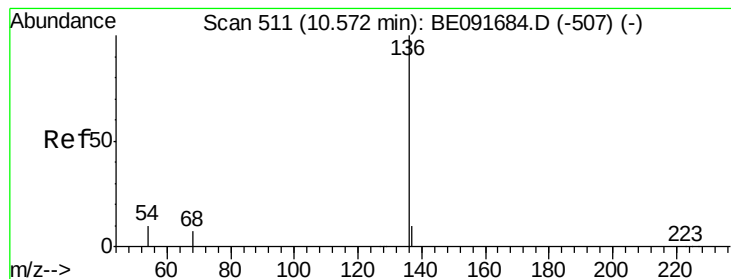
Tgt Ion: 93 Resp: 3218

Ion	Ratio	Lower	Upper
93	100		
63	83.2	49.5	74.3#
95	34.0	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: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 148691

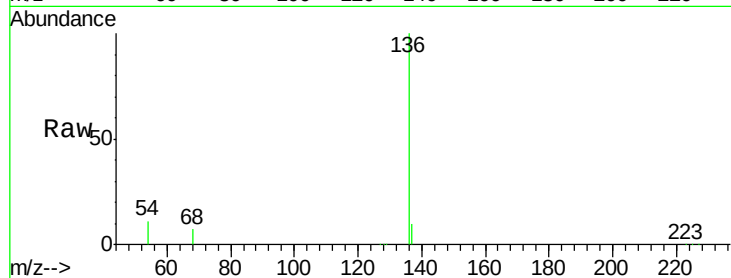
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.6 8.2 12.4

68 7.1 6.2 9.4

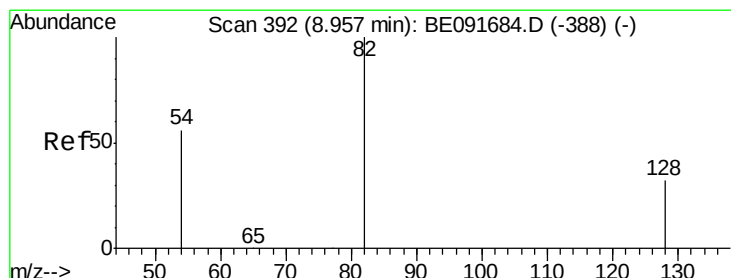
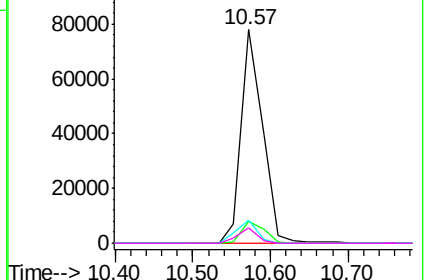
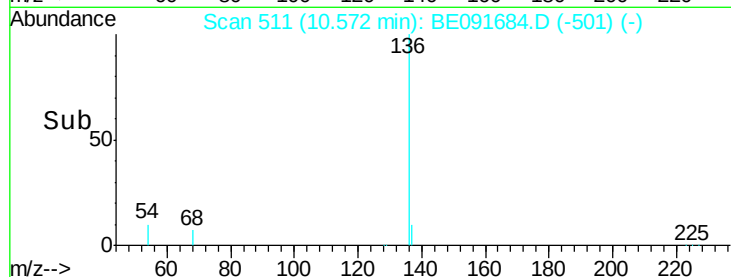


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.37 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

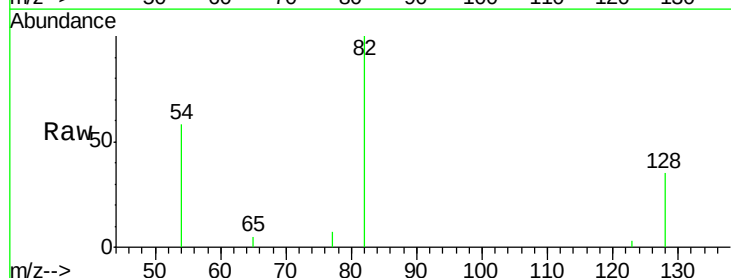
Tgt Ion: 82 Resp: 2850

Ion Ratio Lower Upper

82 100

128 34.9 25.4 38.0

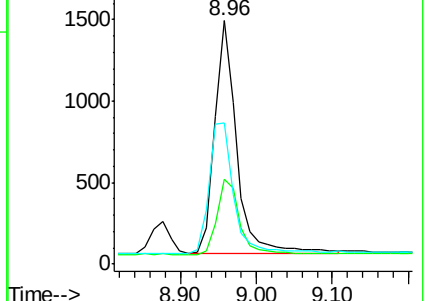
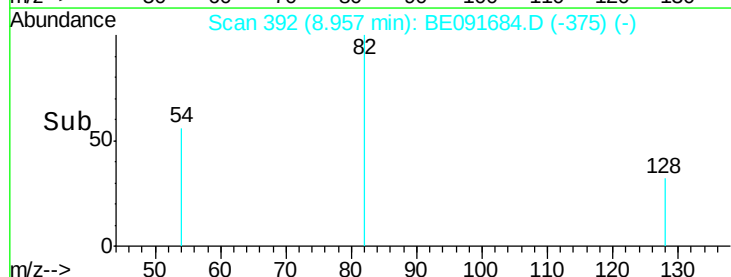
54 58.2 48.4 72.6

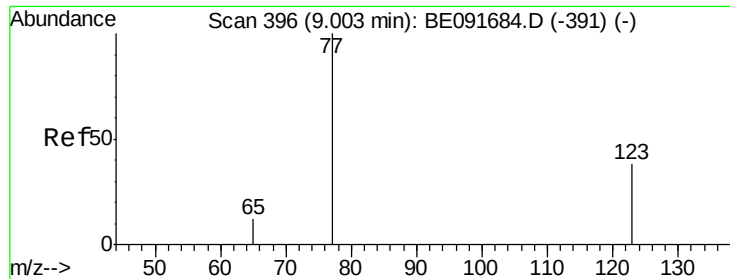


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.37 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

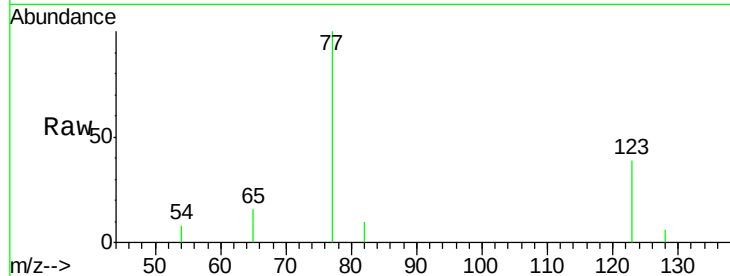
Tot Ion: 77 Resp: 2868

Ion Ratio Lower Upper

77 100

123 35.7 26.9 40.3

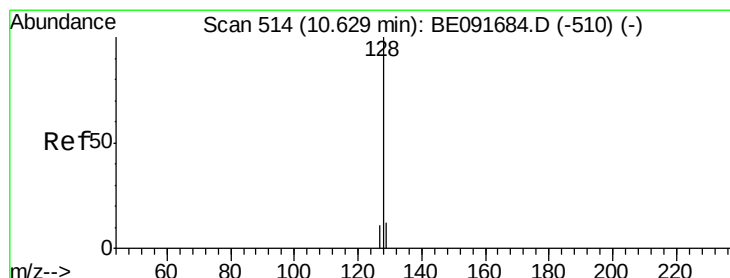
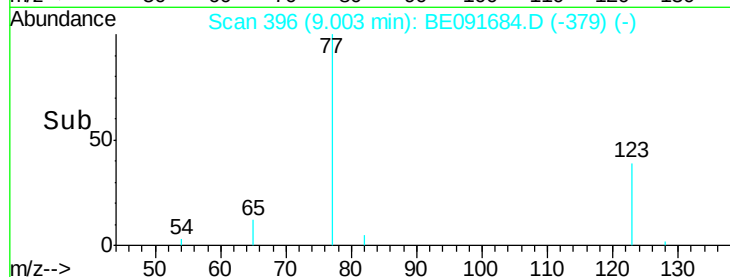
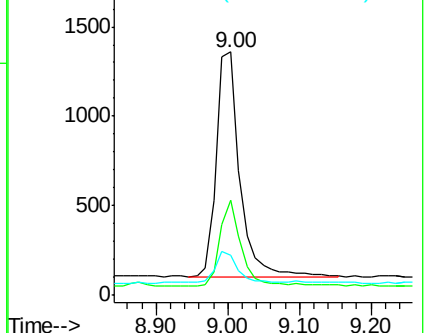
65 13.2 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091684.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091684.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091684.D (-391) (-)



#10

Naphthalene

Concen: 0.41 ng

RT: 10.63 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

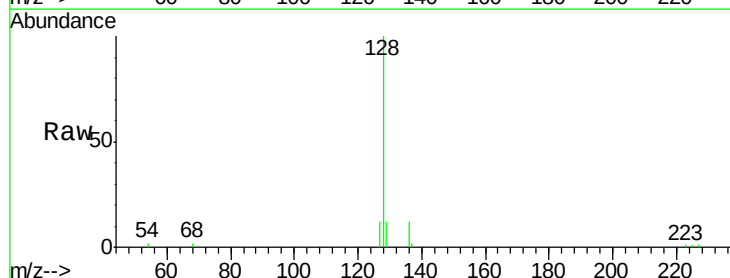
Tgt Ion: 128 Resp: 12298

Ion Ratio Lower Upper

128 100

129 12.5 9.3 13.9

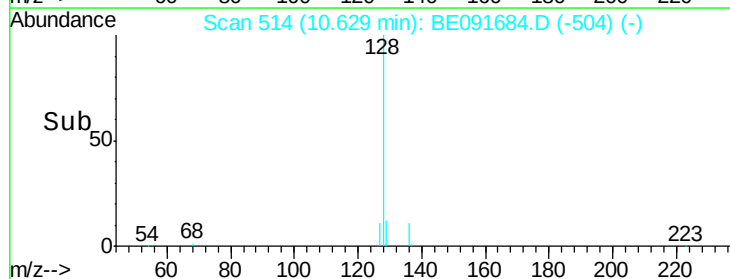
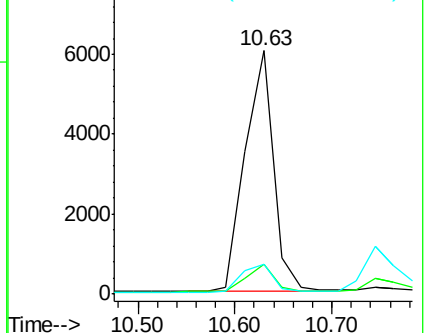
127 12.2 10.7 16.1

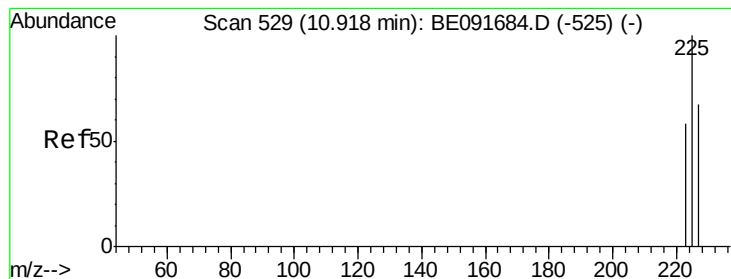


Abundance Ion 128.00 (127.70 to 128.70): BE091684.D (-510) (-)

Ion 129.00 (128.70 to 129.70): BE091684.D (-510) (-)

Ion 127.00 (126.70 to 127.70): BE091684.D (-510) (-)





#11

Hexachlorobutadiene

Concen: 0.54 ng

RT: 10.92 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

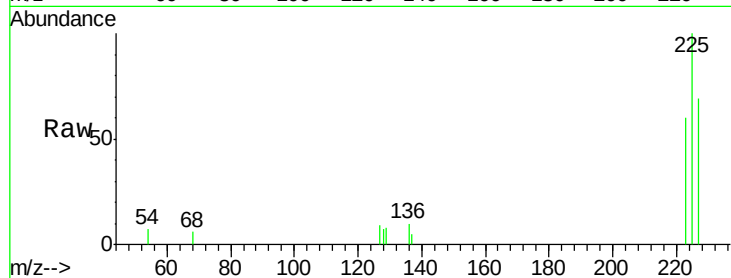
Tot Ion:225 Resp: 2385

Ion Ratio Lower Upper

225 100

223 70.7 49.0 73.6

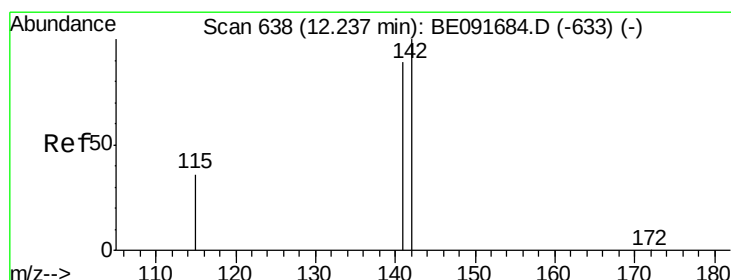
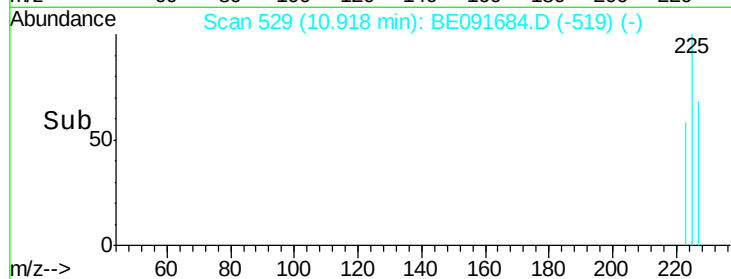
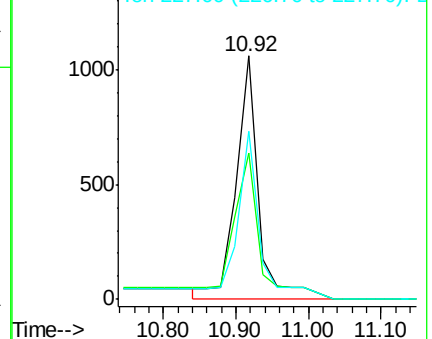
227 69.0 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.24 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

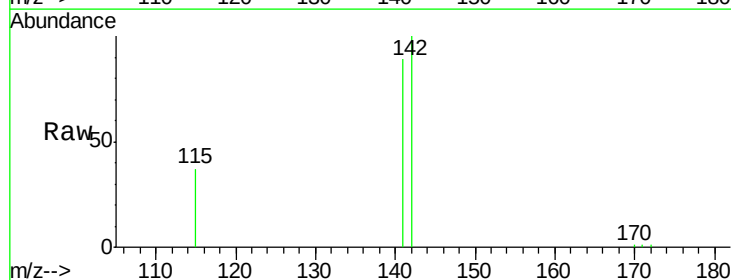
Tgt Ion:142 Resp: 7699

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.0

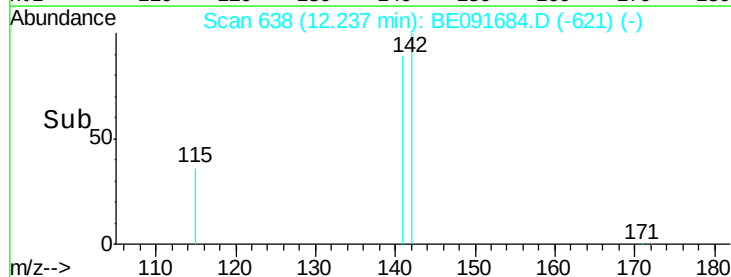
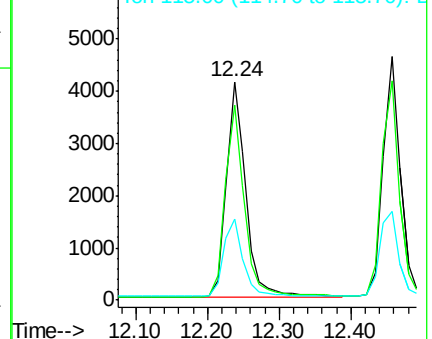
115 36.9 30.3 45.5

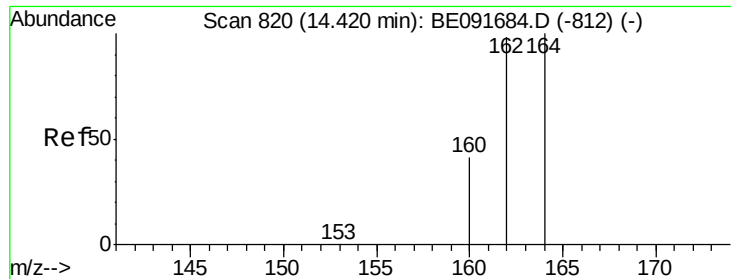


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

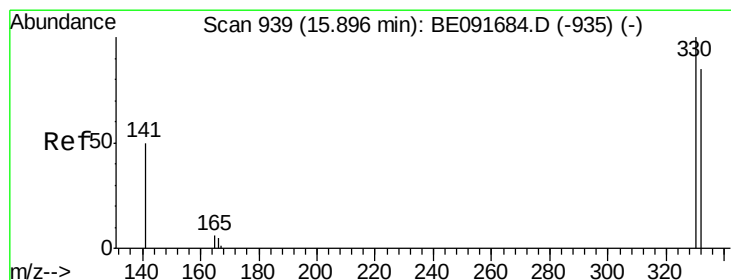
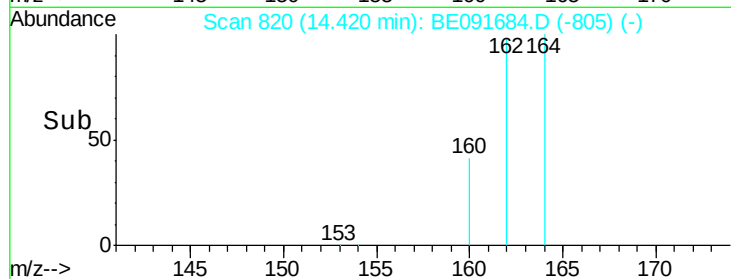
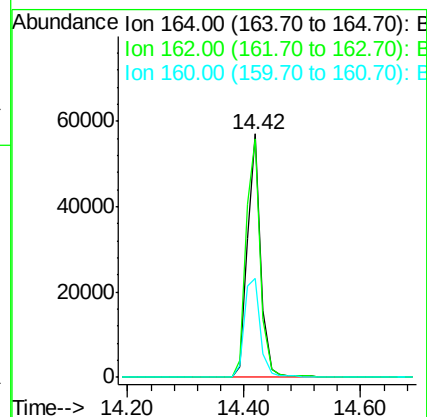
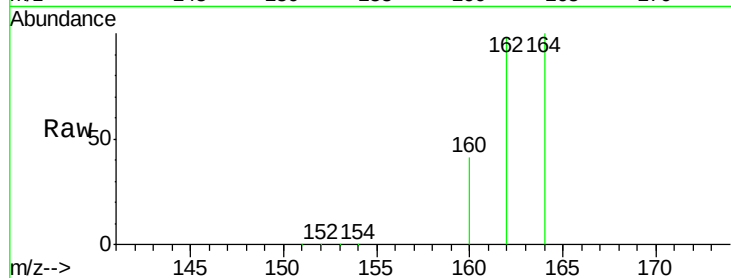
Tot Ion:164 Resp: 90401

Ion Ratio Lower Upper

164 100

162 98.0 85.3 127.9

160 40.9 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.68 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

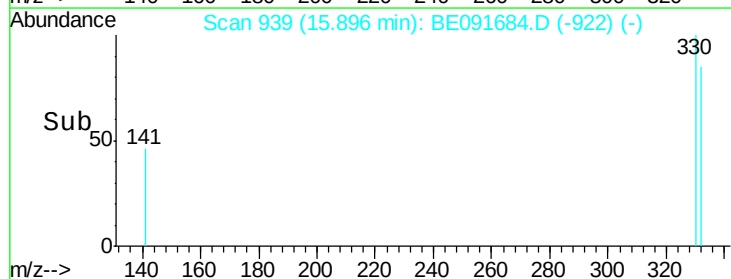
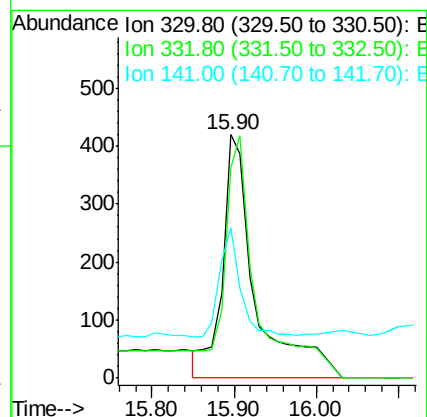
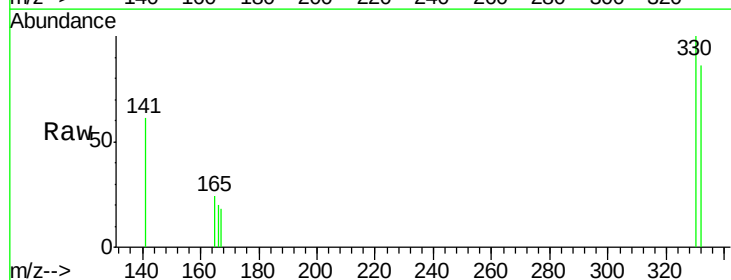
Tgt Ion:330 Resp: 1298

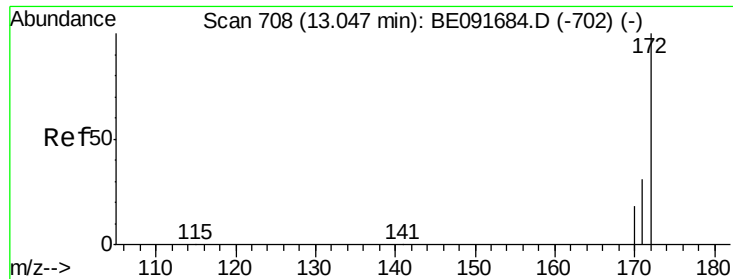
Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 26.2 125.4 188.0#

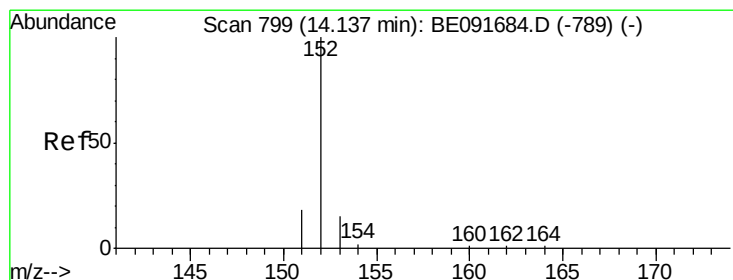
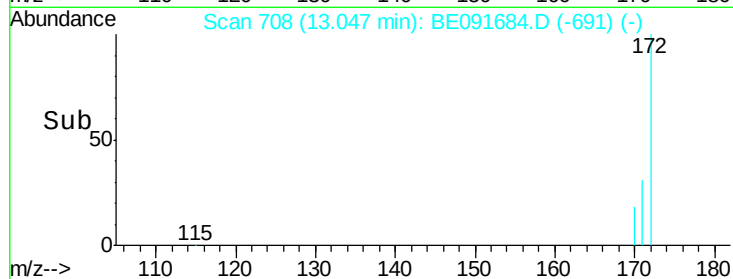
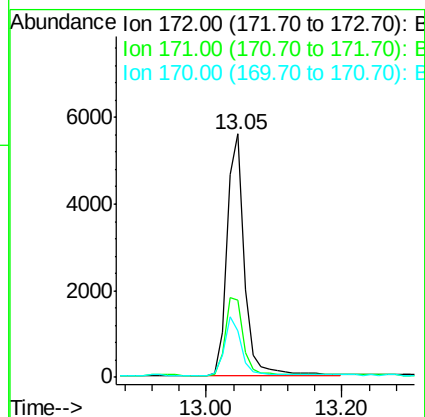
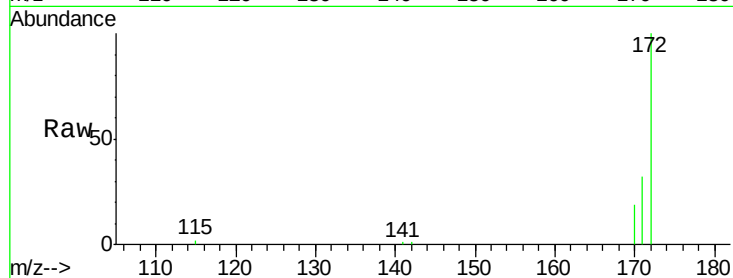




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

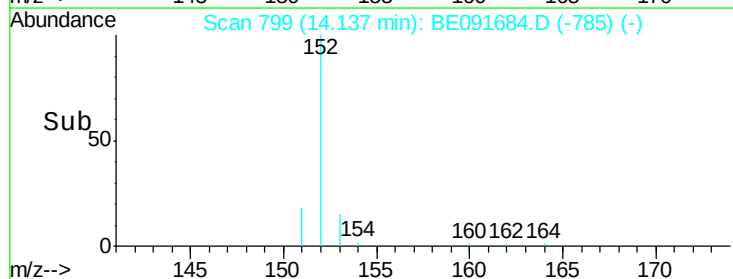
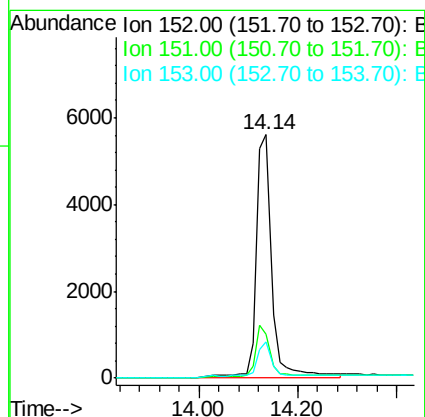
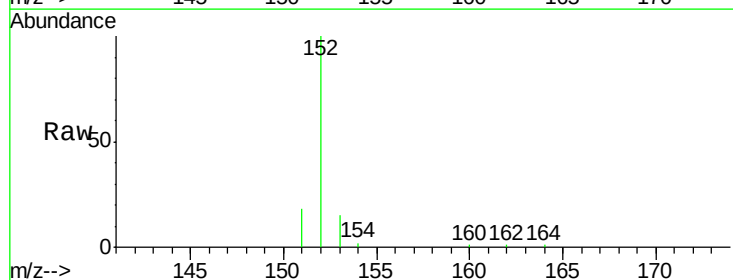
Instrument :
BNA_E
ClientSampleId :

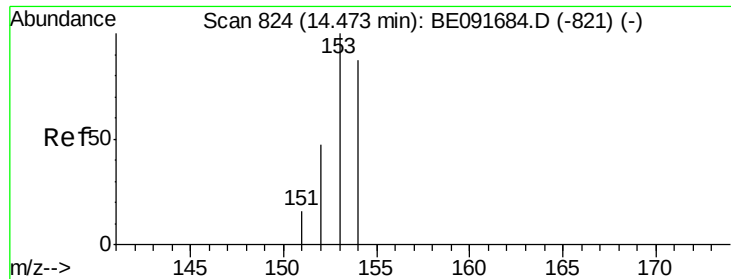
Tot Ion:172 Resp: 10031
Ion Ratio Lower Upper
172 100
171 31.5 28.8 43.2
170 19.1 19.3 28.9#



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:152 Resp: 13162
Ion Ratio Lower Upper
152 100
151 18.4 3.9 5.9#
153 18.9 10.3 15.5#

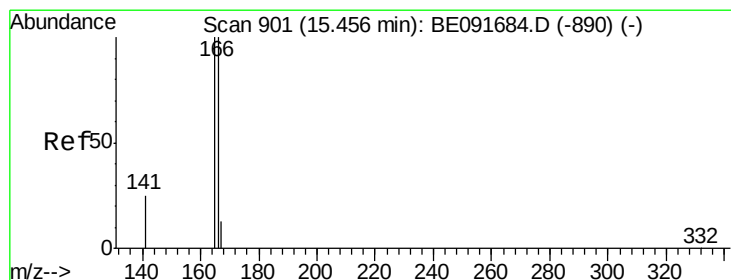
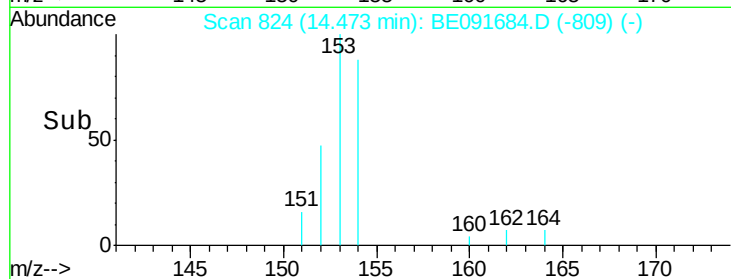
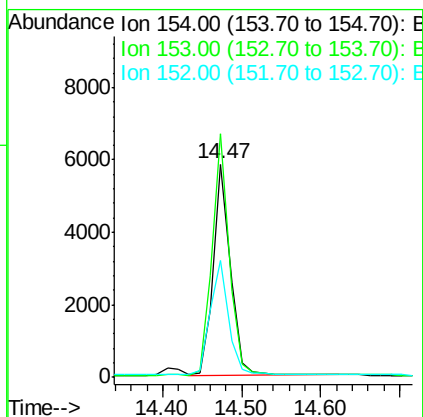
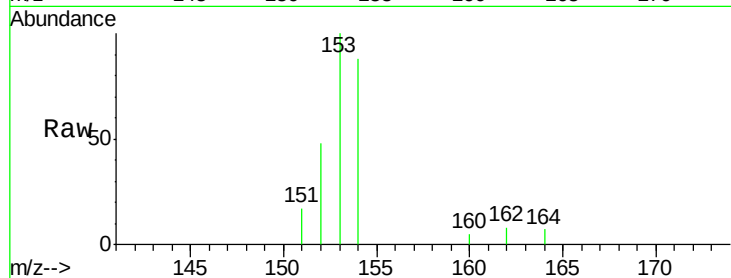




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

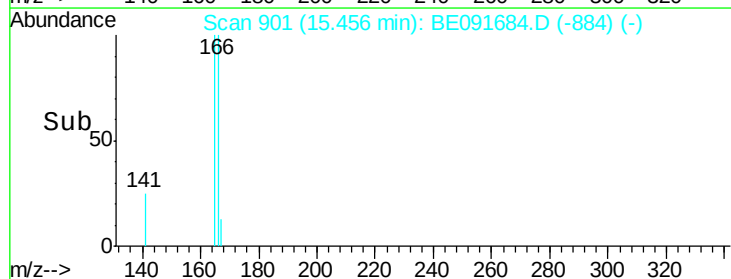
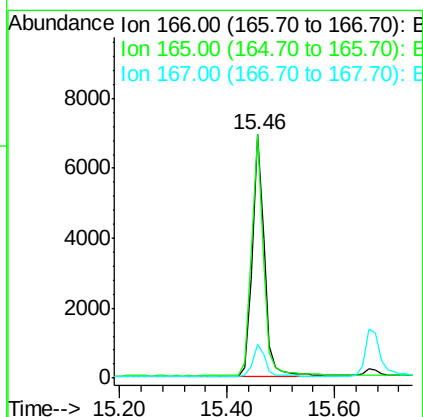
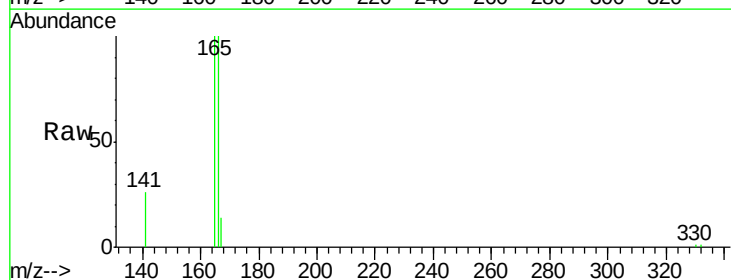
Instrument :
BNA_E
ClientSampleId :

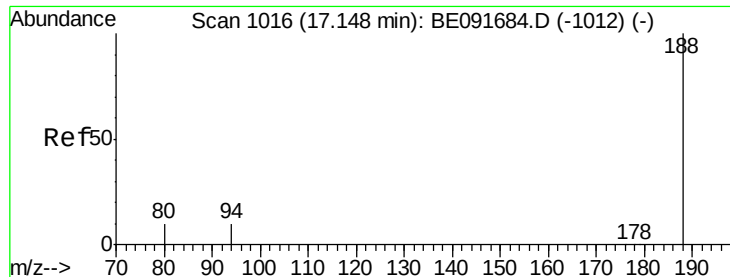
Tot Ion:154 Resp: 8734
Ion Ratio Lower Upper
154 100
153 115.7 80.0 120.0
152 57.6 40.0 60.0



#18
Fluorene
Concen: 0.40 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:166 Resp: 10857
Ion Ratio Lower Upper
166 100
165 98.7 80.8 121.2
167 13.5 10.9 16.3

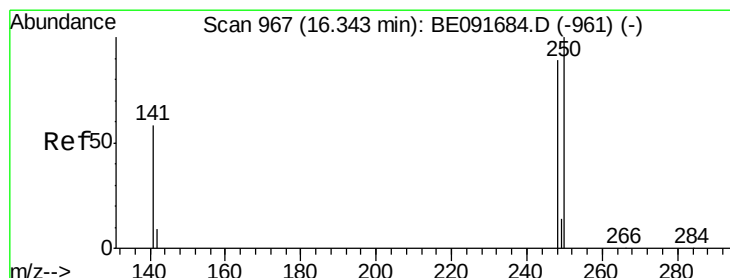
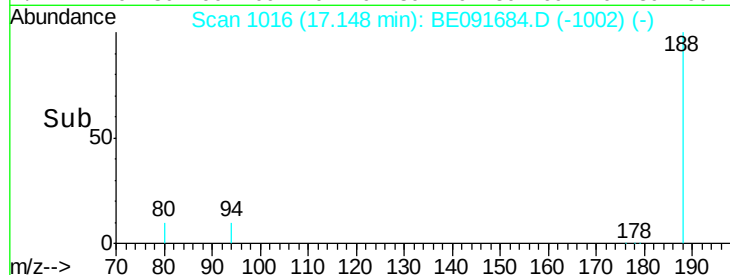
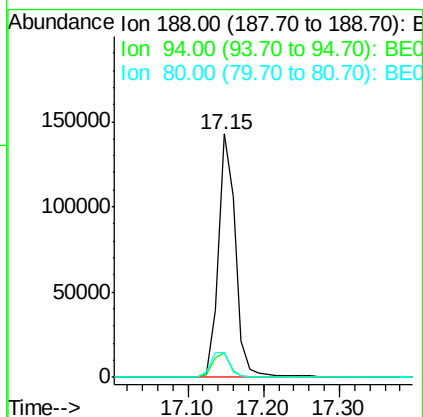
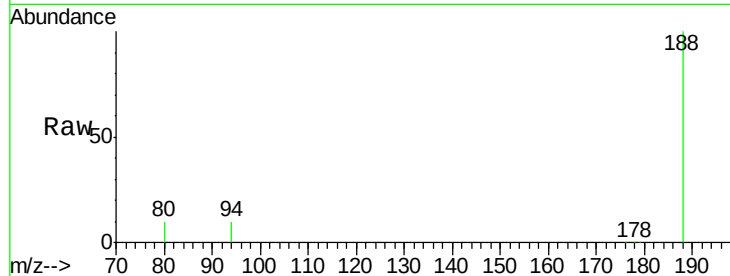




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

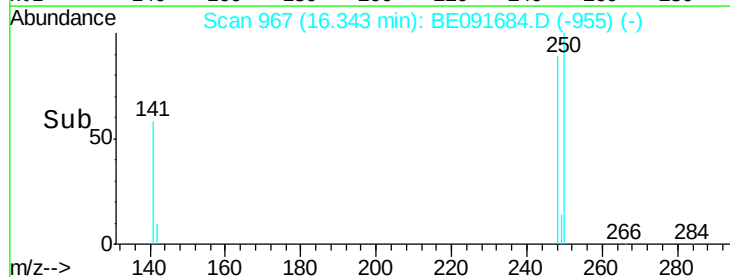
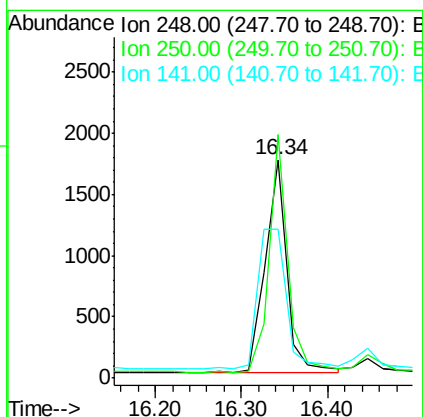
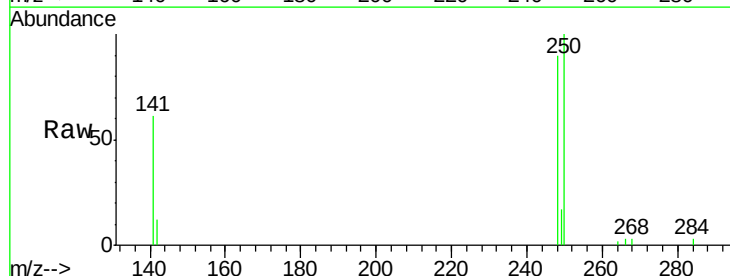
Instrument :
BNA_E
ClientSampleId :

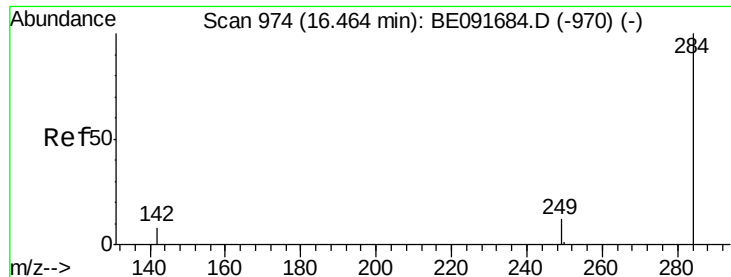
Tot Ion:188 Resp: 225292
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.0 9.4 14.0



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:248 Resp: 3049
Ion Ratio Lower Upper
248 100
250 96.8 80.5 120.7
141 87.7 72.0 108.0

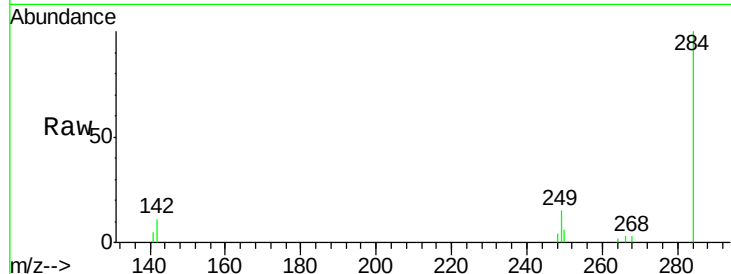




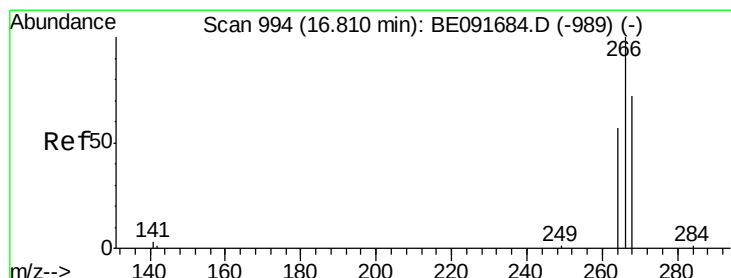
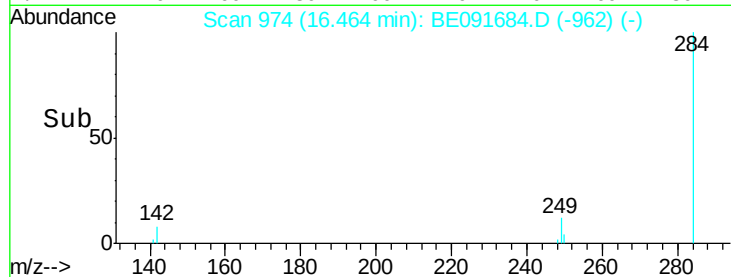
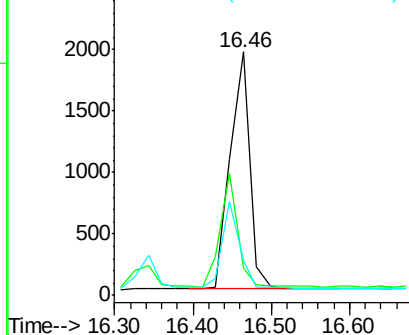
#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 3366
Ion Ratio Lower Upper
284 100
142 42.2 32.2 48.2
249 32.7 25.4 38.2

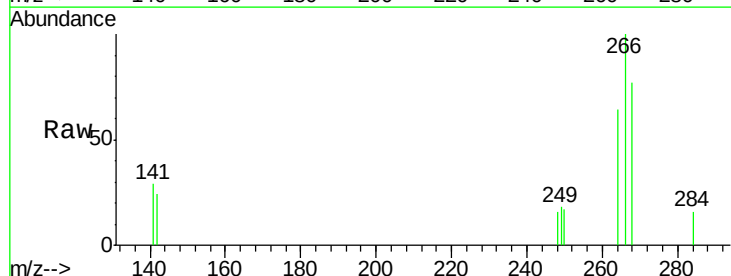


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

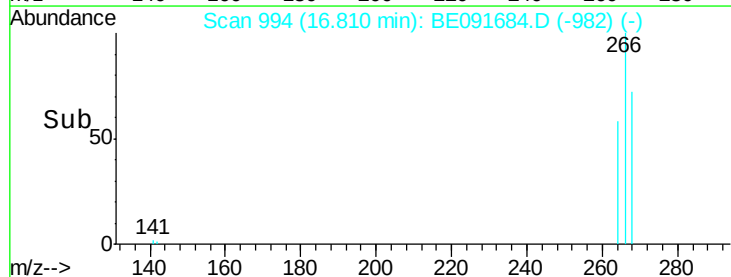
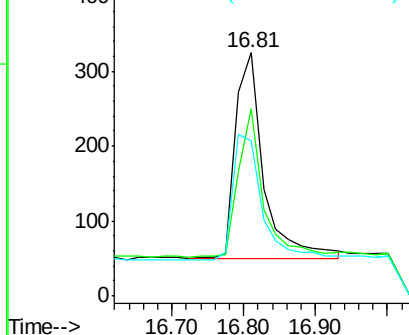


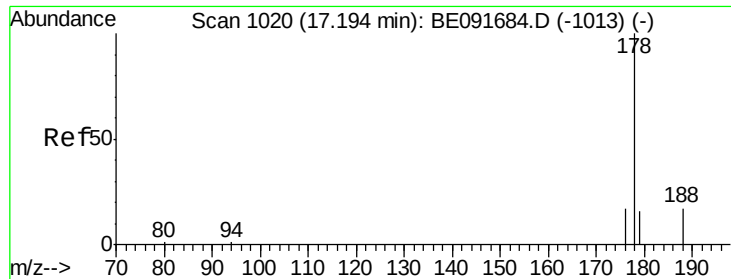
#22
Pentachlorophenol
Concen: 0.27 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:266 Resp: 742
Ion Ratio Lower Upper
266 100
268 76.9 58.2 87.2
264 63.7 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: 0.41 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampled :

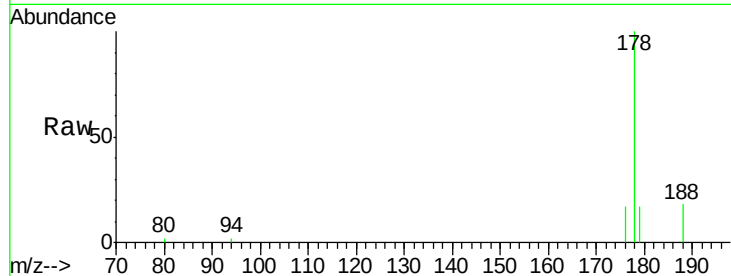
Tot Ion:178 Resp: 21076

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

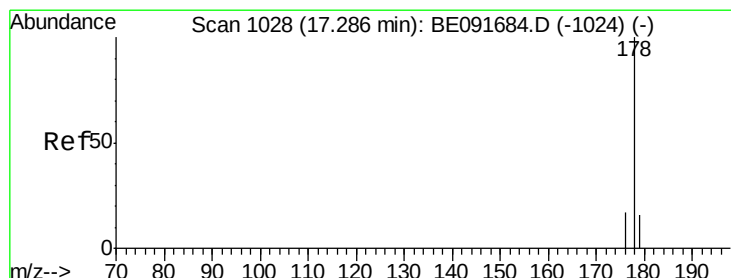
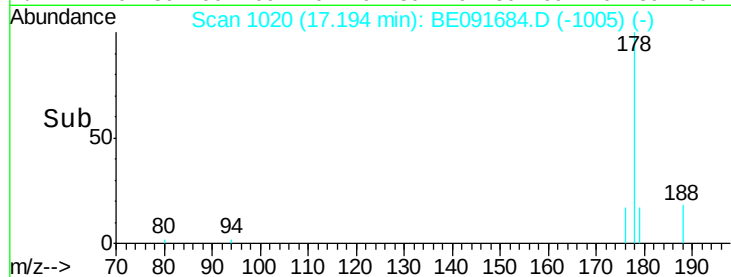
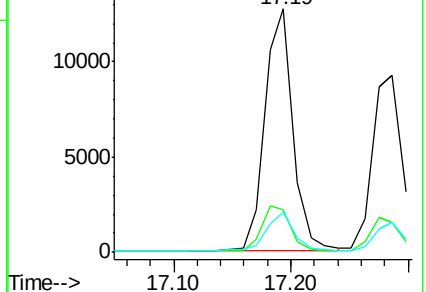
179 16.1 12.6 18.8



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: 0.38 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

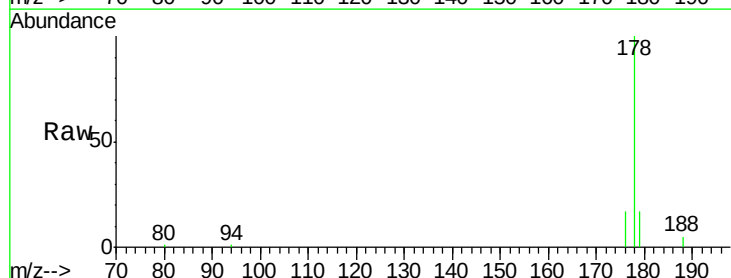
Tgt Ion:178 Resp: 17303

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

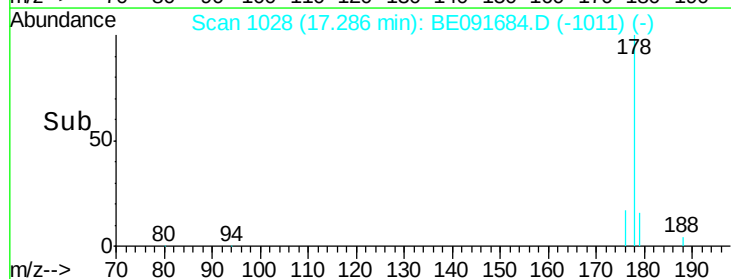
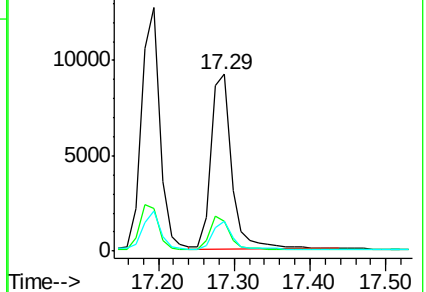
179 15.2 11.8 17.6

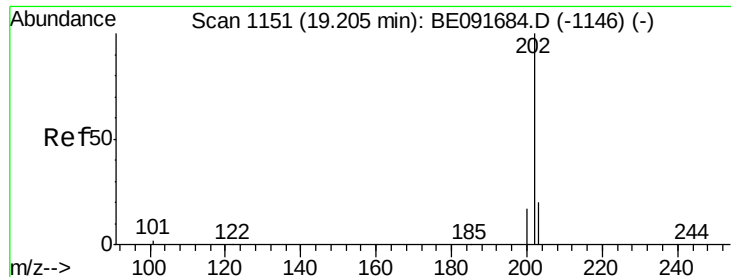


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.38 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

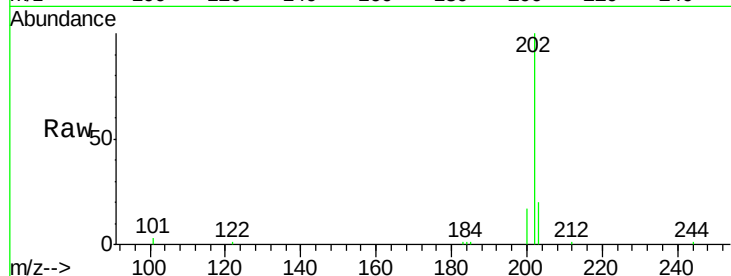
Tot Ion:202 Resp: 19348

Ion Ratio Lower Upper

202 100

101 11.9 11.0 16.6

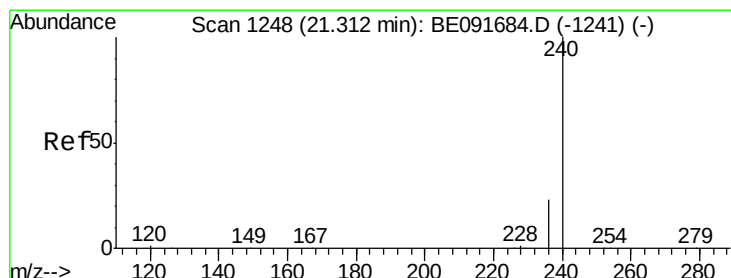
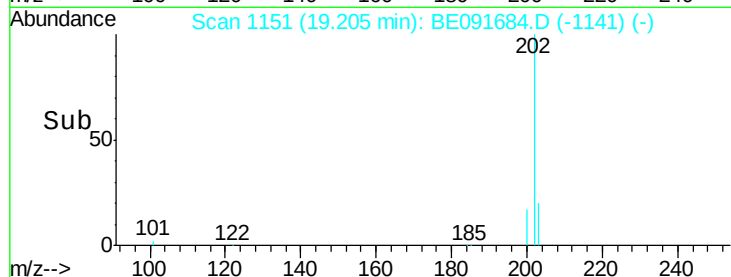
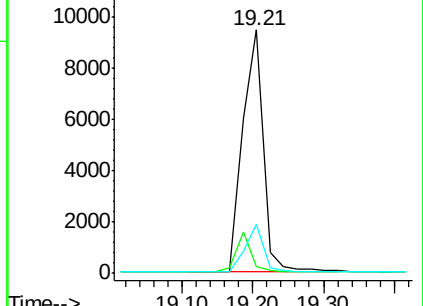
203 17.6 13.9 20.9



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: BE091684.D

Acq: 20 Apr 2016 14:28

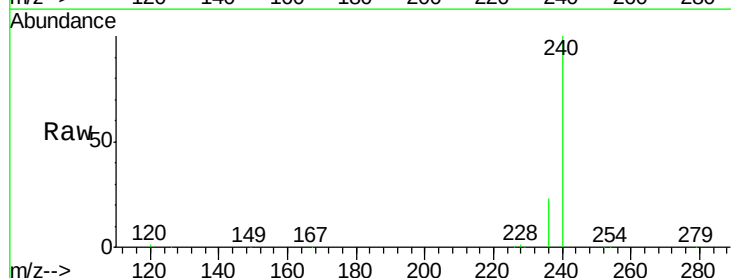
Tgt Ion:240 Resp: 240652

Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

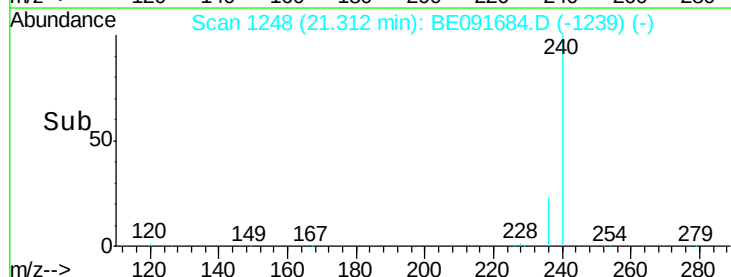
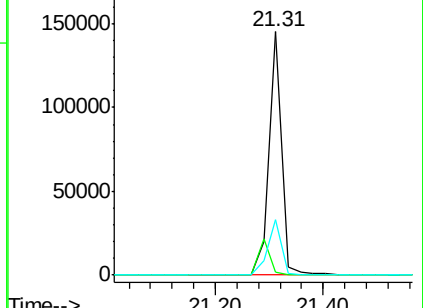
236 22.7 21.7 32.5

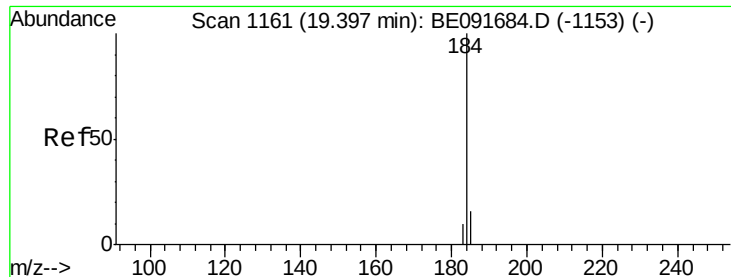


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.20 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

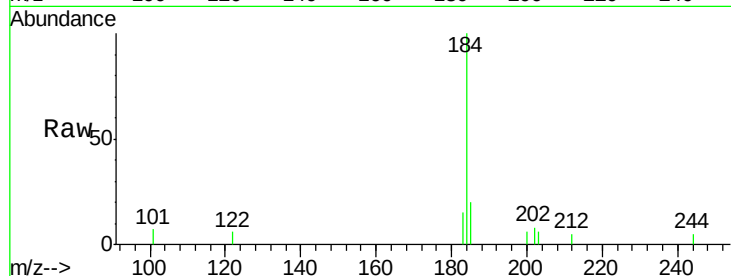
Tot Ion:184 Resp: 3430

Ion Ratio Lower Upper

184 100

185 20.2 22.3 33.5#

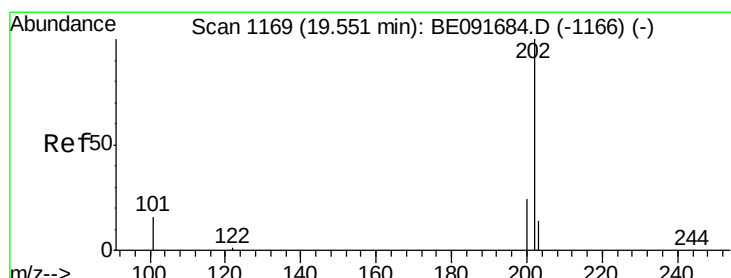
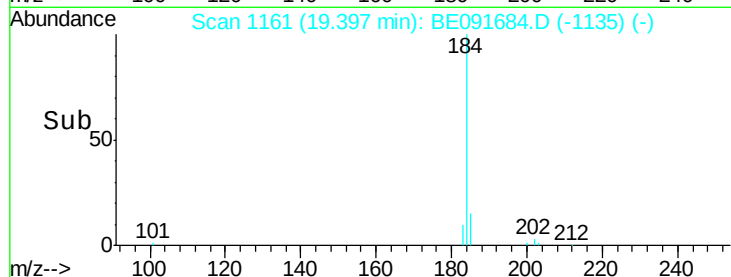
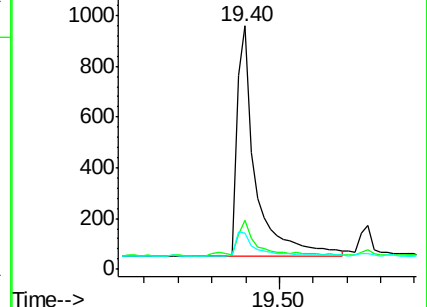
183 14.7 16.4 24.6#



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: 0.43 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

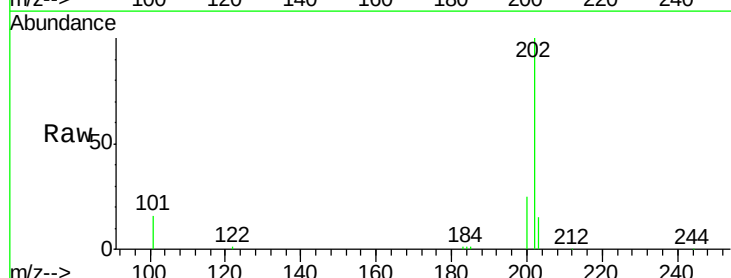
Tgt Ion:202 Resp: 20848

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

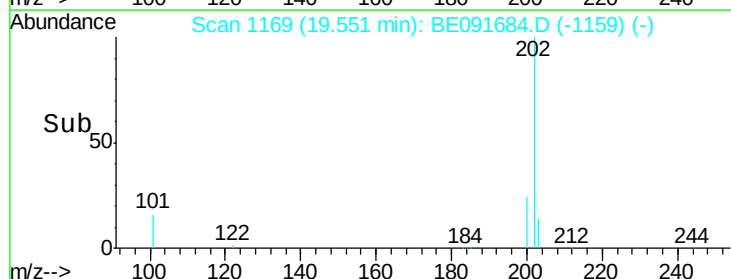
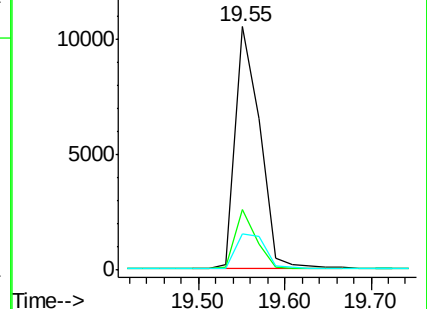
203 17.3 14.0 21.0

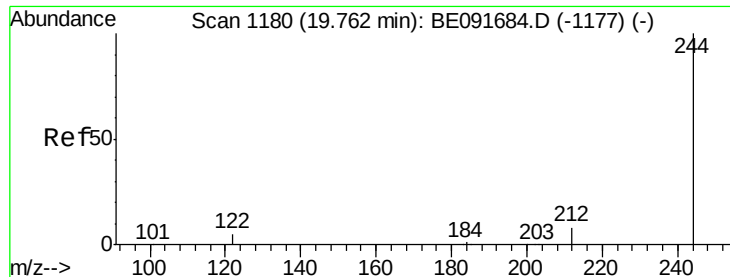


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

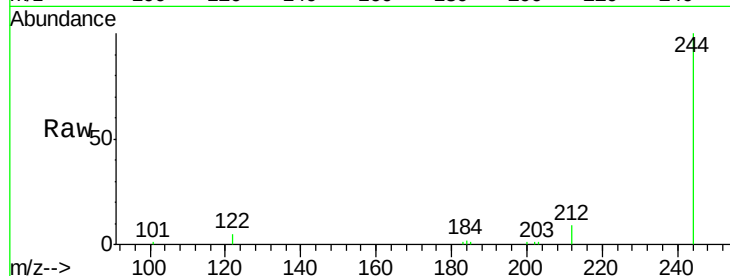
Tot Ion:244 Resp: 14323

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

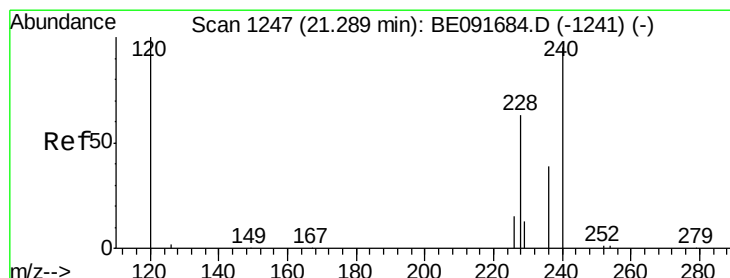
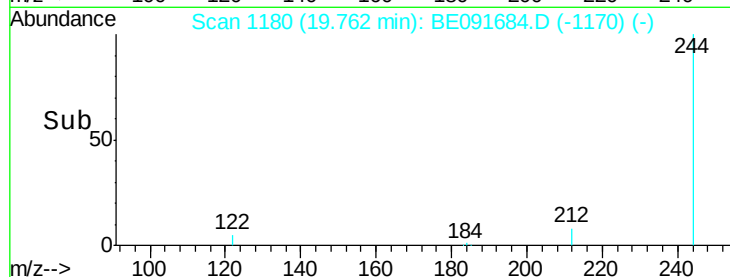
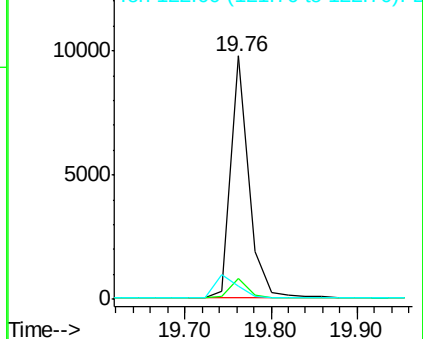
122 5.2 11.0 16.4#



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: 0.39 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

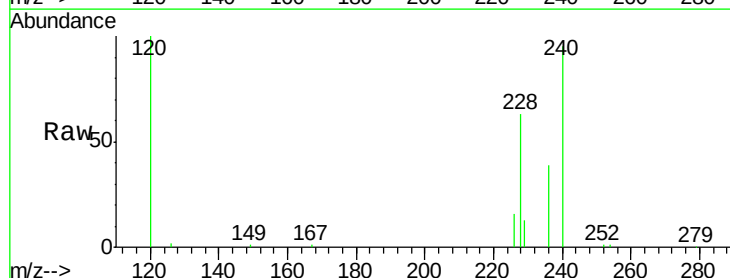
Tgt Ion:228 Resp: 21604

Ion Ratio Lower Upper

228 100

226 24.6 21.0 31.4

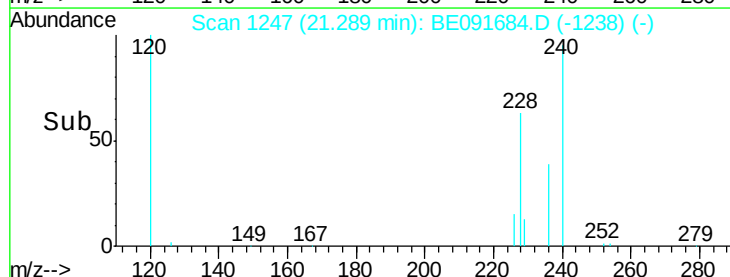
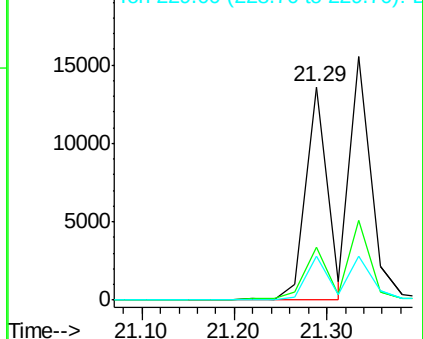
229 20.9 15.7 23.5

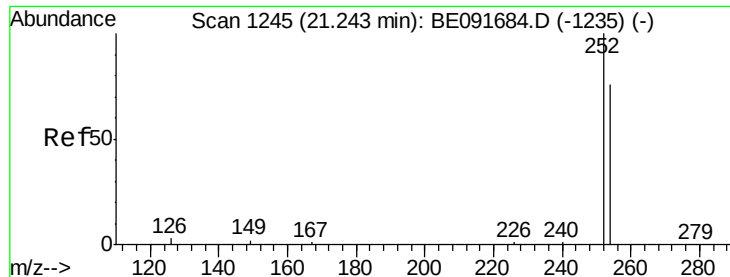


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

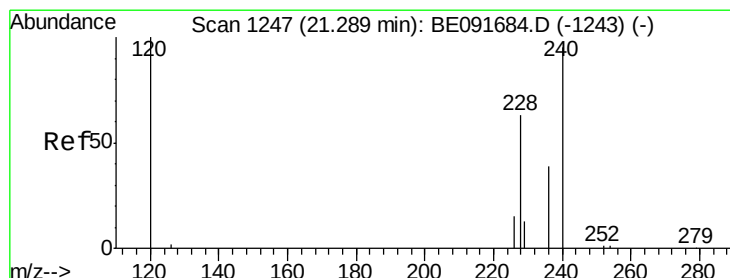
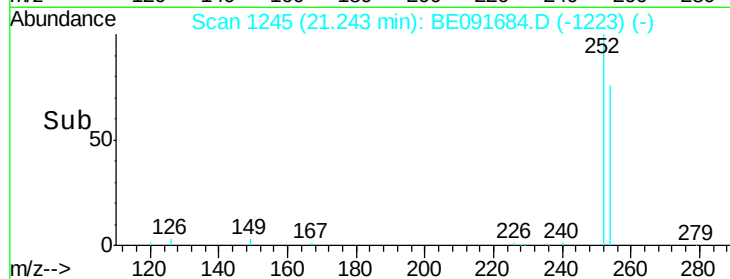
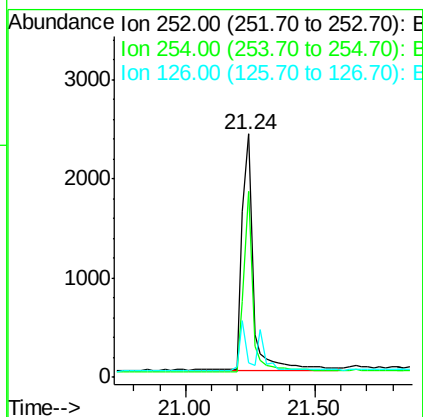
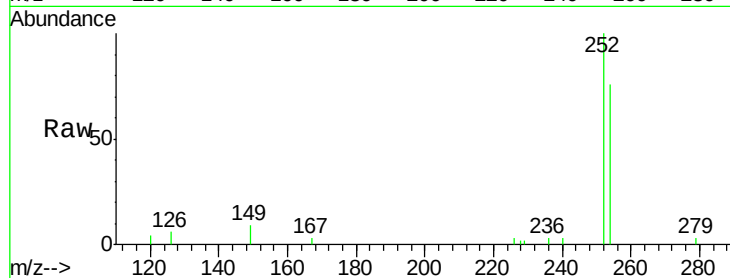




#31
 3,3'-Dichlorobenzidine
 Concen: 0.33 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091684.D
 Acq: 20 Apr 2016 14:28

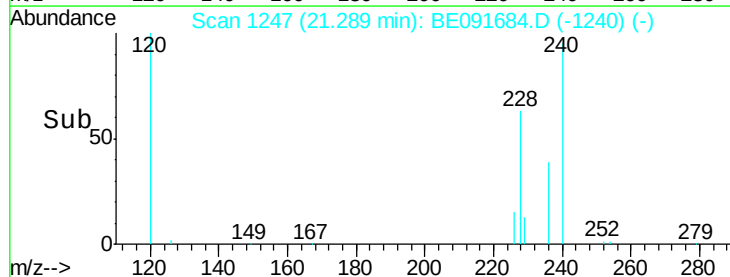
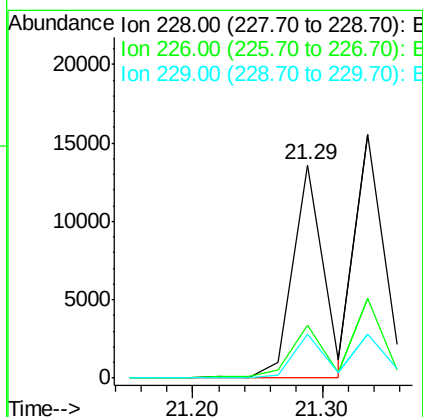
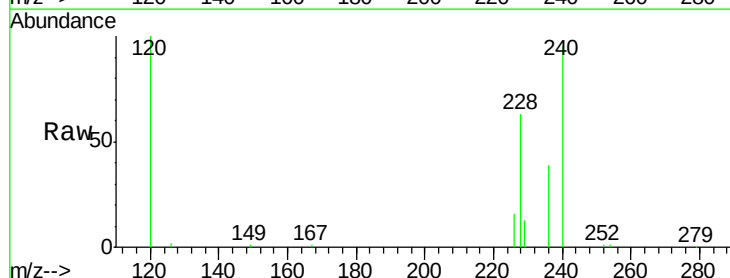
Instrument :
 BNA_E
 ClientSampleId :

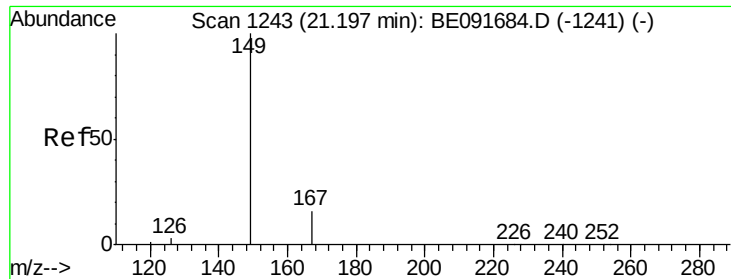
Tot Ion:252 Resp: 7128
 Ion Ratio Lower Upper
 252 100
 254 76.4 51.1 76.7
 126 5.8 12.6 18.8#



#32
 Chrysene
 Concen: 0.38 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091684.D
 Acq: 20 Apr 2016 14:28

Tgt Ion:228 Resp: 21573
 Ion Ratio Lower Upper
 228 100
 226 24.6 24.0 36.0
 229 20.9 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.20 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

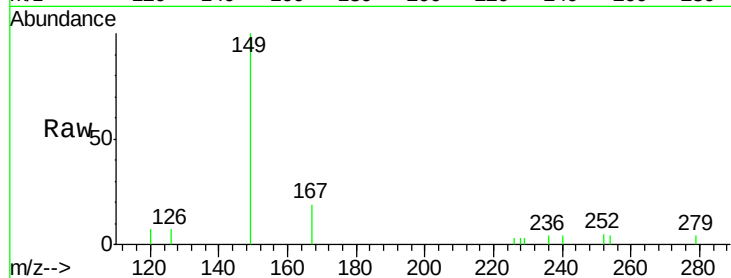
Tot Ion:149 Resp: 3272

Ion Ratio Lower Upper

149 100

167 0.0 19.5 29.3#

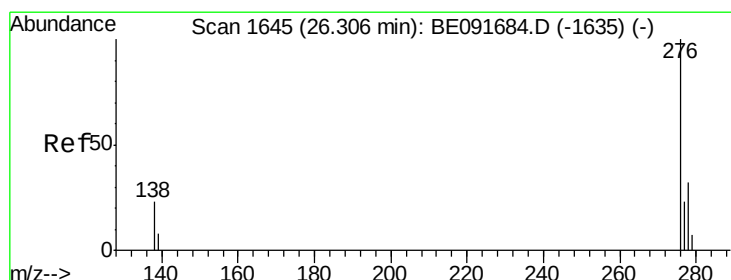
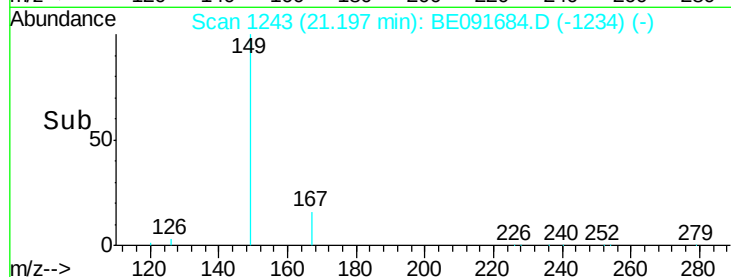
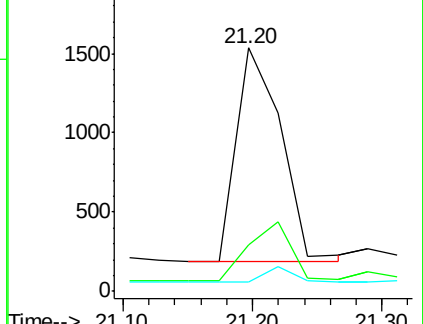
279 0.0 10.0 15.0#



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: 0.41 ng

RT: 26.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

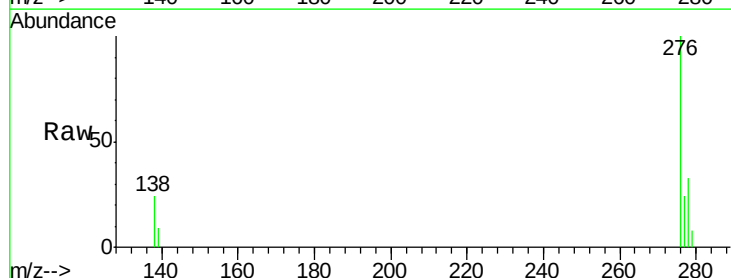
Tgt Ion:276 Resp: 20876

Ion Ratio Lower Upper

276 100

138 25.5 23.4 35.2

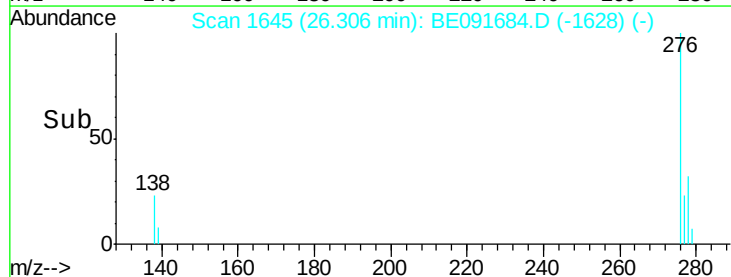
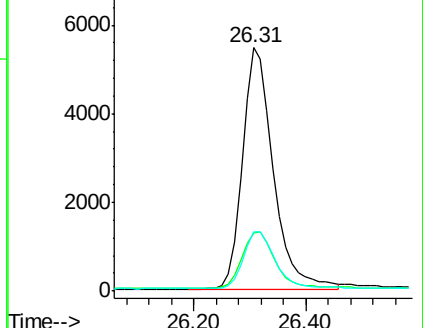
277 24.7 19.8 29.8

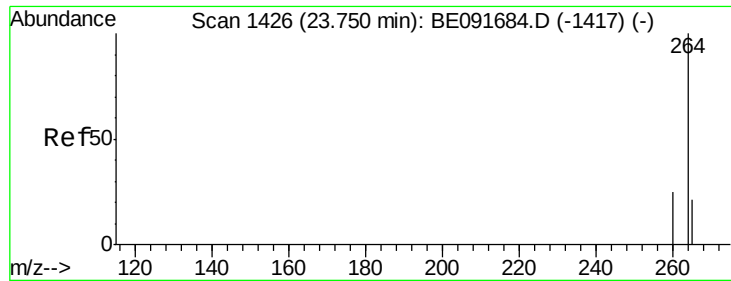


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

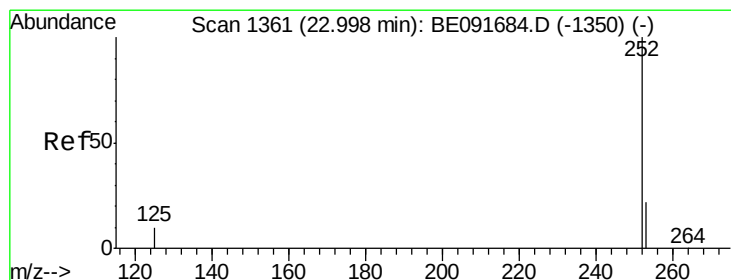
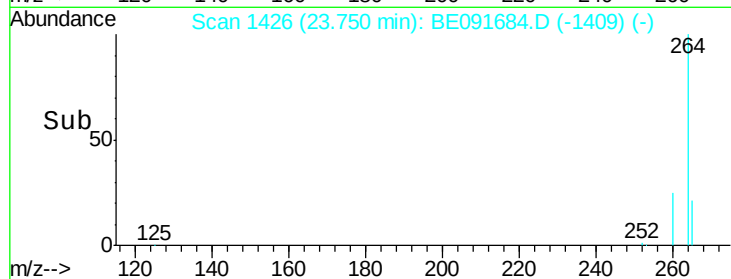
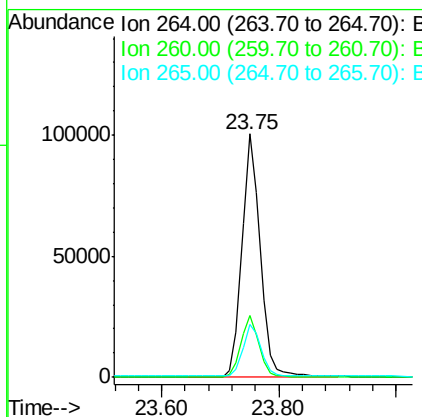
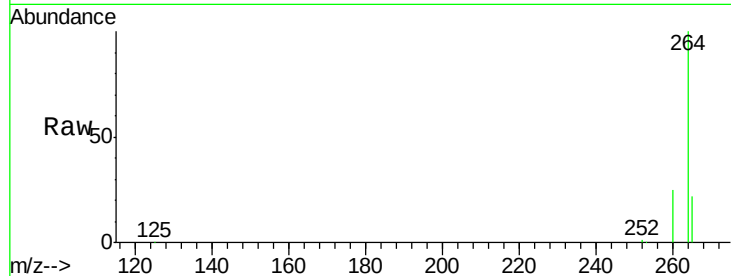




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

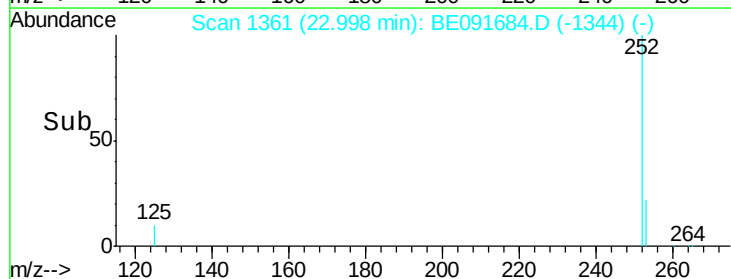
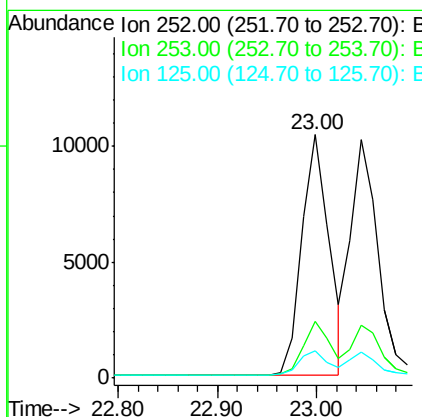
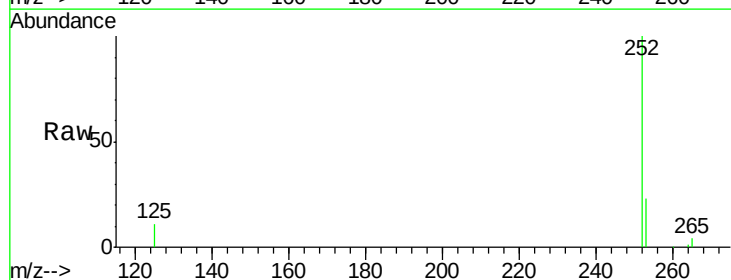
Instrument :
BNA_E
ClientSampleId :

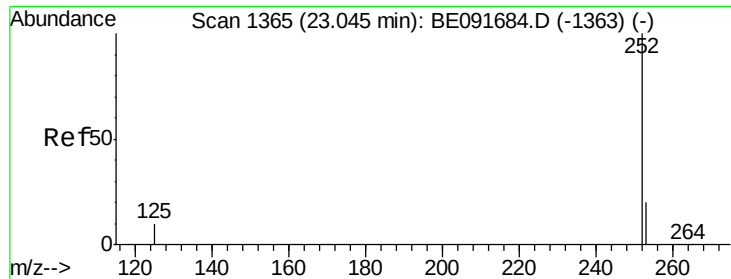
Tot Ion:264 Resp: 218709
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 21.6 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:252 Resp: 19896
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 11.3 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.38 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :

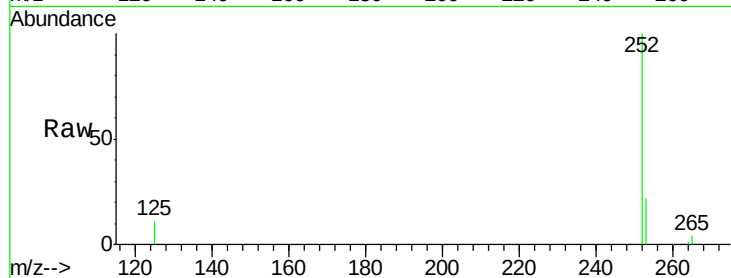
Tot Ion:252 Resp: 19659

Ion Ratio Lower Upper

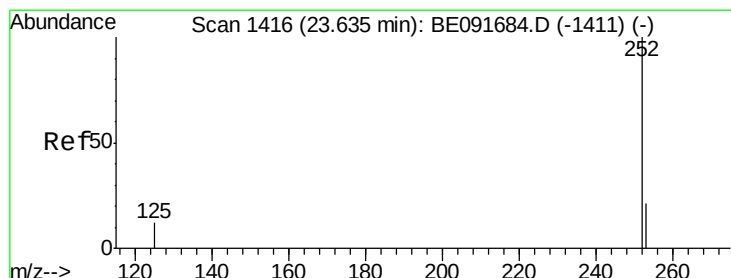
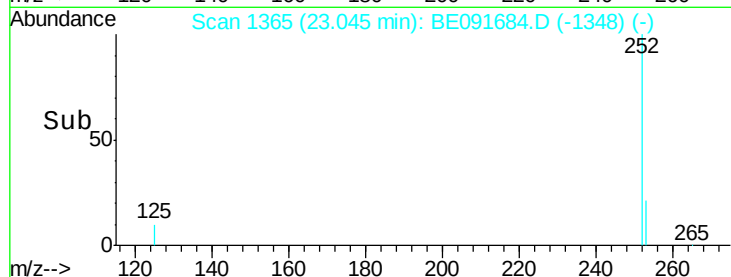
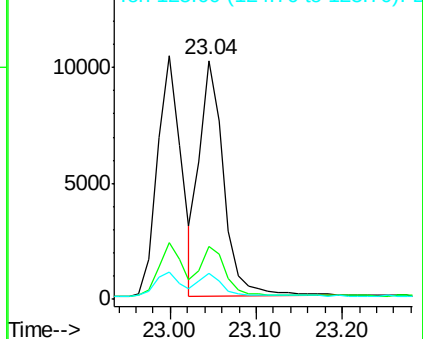
252 100

253 22.0 17.6 26.4

125 11.1 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: 0.37 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

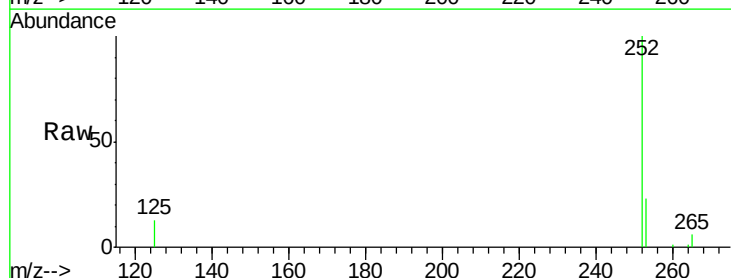
Tgt Ion:252 Resp: 16655

Ion Ratio Lower Upper

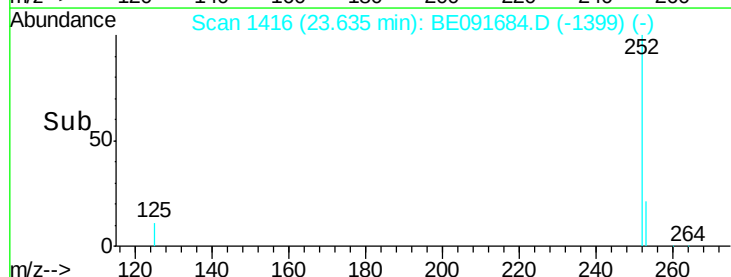
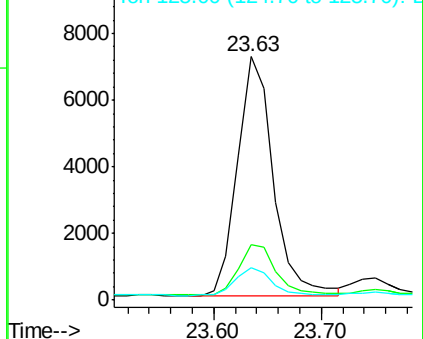
252 100

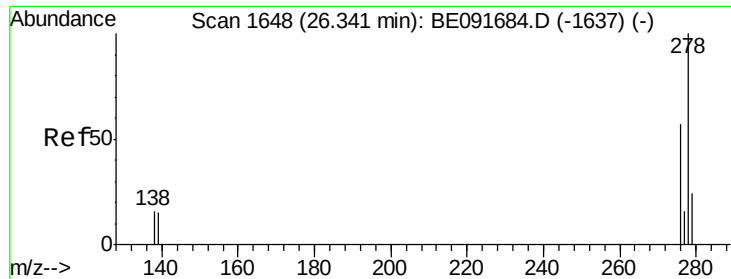
253 22.7 18.1 27.1

125 13.4 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: 0.39 ng

RT: 26.34 min Scan# 1648

Delta R.T. 0.00 min

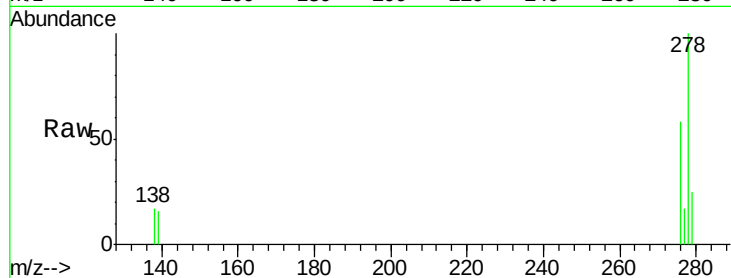
Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Instrument :

BNA_E

ClientSampleId :



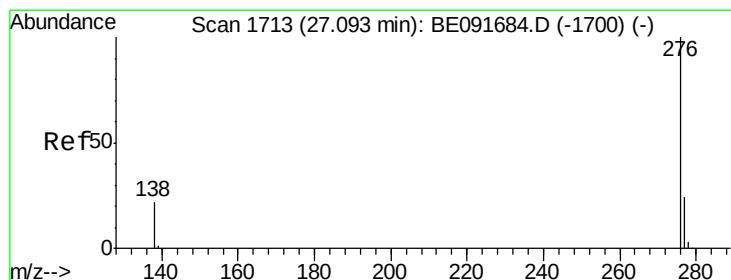
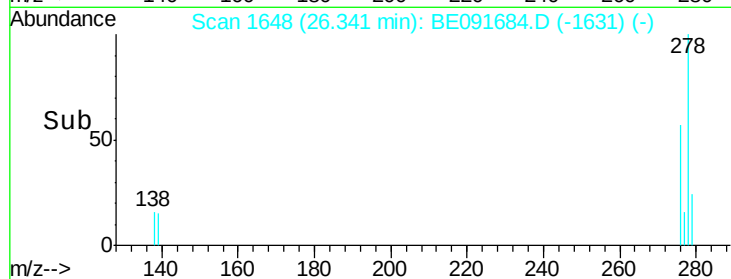
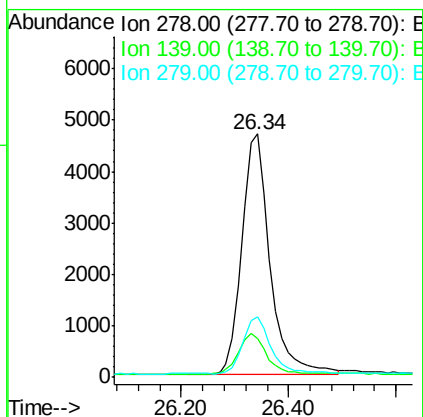
Tot Ion:278 Resp: 17094

Ion Ratio Lower Upper

278 100

139 15.9 16.0 24.0#

279 25.0 19.4 29.2



#40

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 27.09 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE091684.D

Acq: 20 Apr 2016 14:28

Tgt Ion:276 Resp: 18017

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 23.5 20.4 30.6

