

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091690.D
 Acq On : 20 Apr 2016 18:12
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 19:00:21 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 18:55:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	30922	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	147302	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	87749	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	222314	5.00	ng	0.00
26) Chrysene-d12	21.31	240	237207	5.00	ng	0.00
35) Perylene-d12	23.75	264	225127	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2674	0.39	ng	0.00
5) Phenol-d6	6.97	99	3449	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	3040	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1282	0.63	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	9741	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	14761	0.39	ng	0.00

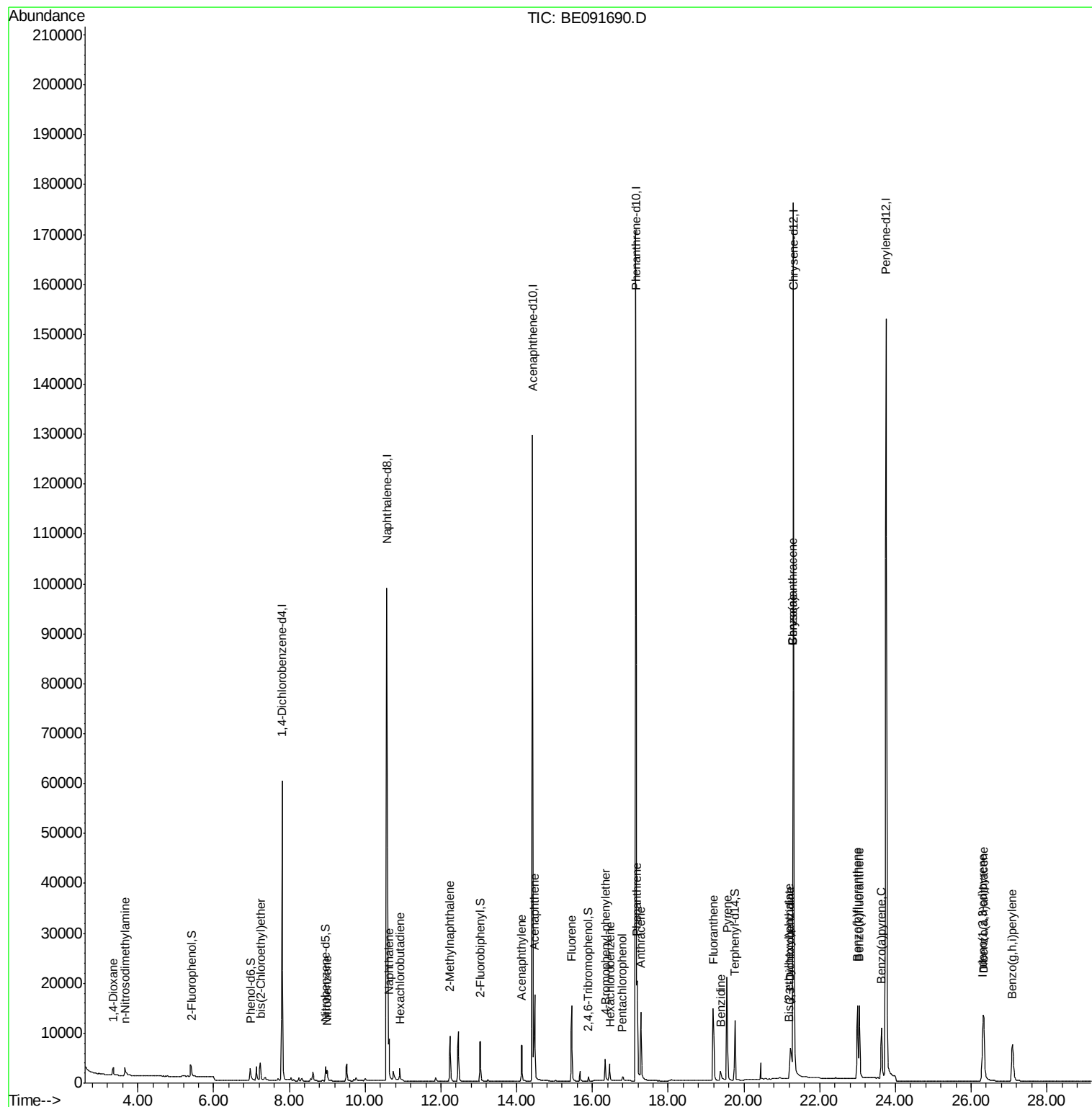
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1560	0.37	ng	94
3) n-Nitrosodimethylamine	3.66	42	1796	0.40	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	3214	0.39	ng	# 77
9) Nitrobenzene	8.99	77	3014	0.38	ng	97
10) Naphthalene	10.63	128	12041	0.40	ng	98
11) Hexachlorobutadiene	10.92	225	2351	0.55	ng	90
12) 2-Methylnaphthalene	12.24	142	7527	0.39	ng	100
16) Acenaphthylene	14.14	152	13102	0.37	ng	# 79
17) Acenaphthene	14.47	154	8518	0.39	ng	85
18) Fluorene	15.46	166	10534	0.39	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	2984	0.39	ng	98
21) Hexachlorobenzene	16.46	284	3243	0.40	ng	96
22) Pentachlorophenol	16.79	266	773	0.41	ng	94
23) Phenanthrene	17.18	178	20442	0.41	ng	99
24) Anthracene	17.28	178	17102	0.38	ng	99
25) Fluoranthene	19.19	202	19483	0.39	ng	97
27) Benzidine	19.38	184	4272	0.47	ng	# 82
28) Pyrene	19.55	202	22032	0.40	ng	100
30) Benzo(a)anthracene	21.29	228	23522	0.41	ng	96
31) 3,3'-Dichlorobenzidine	21.22	252	8646	0.46	ng	# 79
32) Chrysene	21.29	228	23512	0.37	ng	# 92
33) Bis(2-ethylhexyl)phthalate	21.20	149	4267	0.47	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	21903	0.39	ng	97
36) Benzo(b)fluoranthene	23.00	252	21001	0.39	ng	97
37) Benzo(k)fluoranthene	23.04	252	20425	0.38	ng	98
38) Benzo(a)pyrene	23.63	252	17598	0.38	ng	99
39) Dibenzo(a,h)anthracene	26.33	278	18064	0.38	ng	98
40) Benzo(g,h,i)perylene	27.09	276	18607	0.38	ng	96

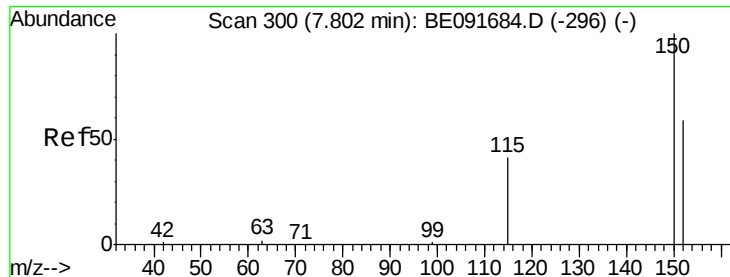
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

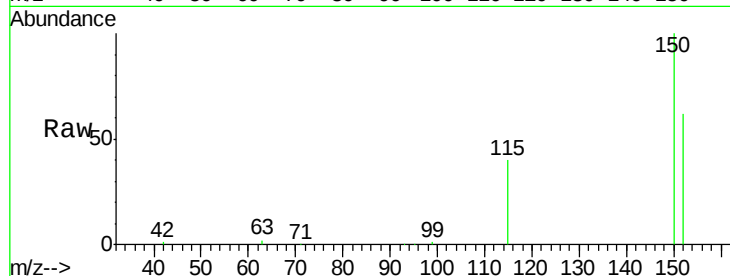
Tot Ion:152 Resp: 30922

Ion Ratio Lower Upper

152 100

150 162.3 122.6 183.8

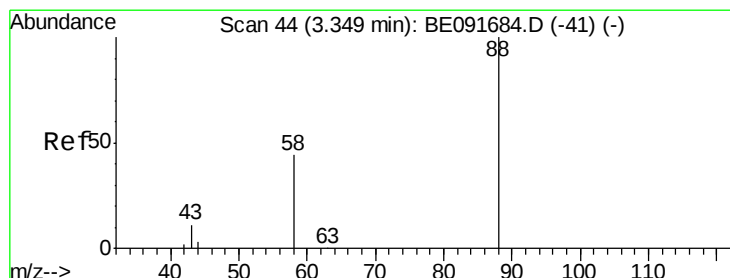
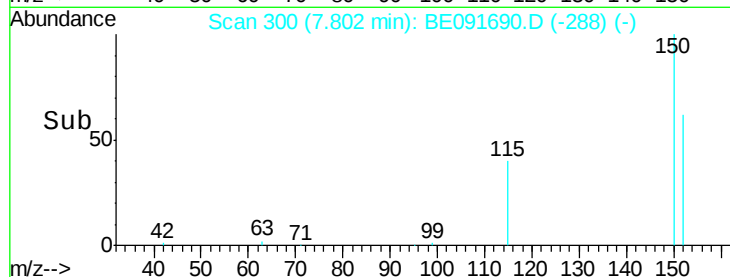
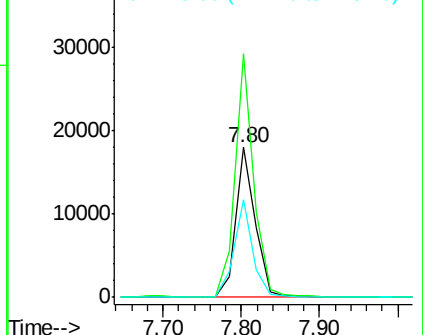
115 65.5 52.8 79.2



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: 0.37 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

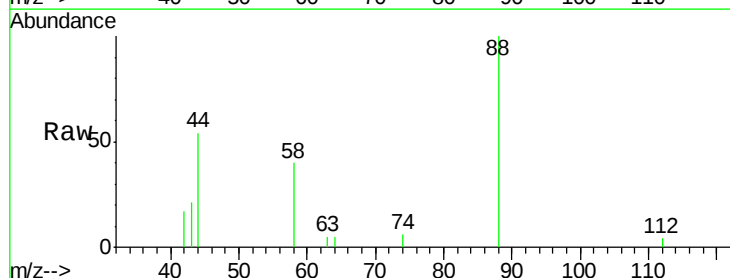
Tgt Ion: 88 Resp: 1560

Ion Ratio Lower Upper

88 100

58 77.8 65.8 98.6

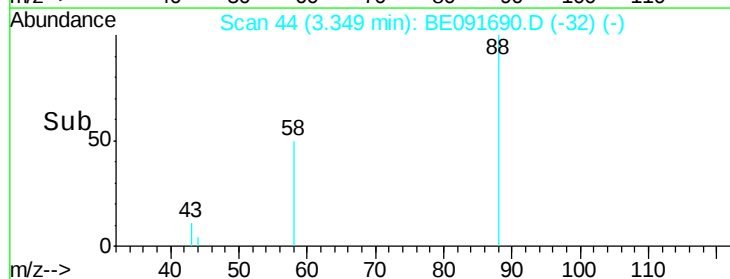
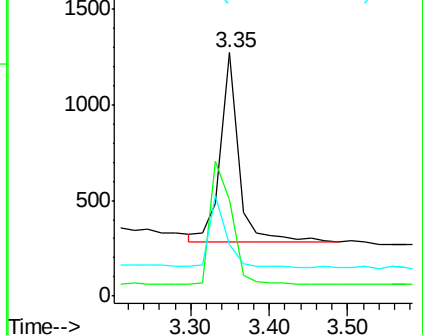
43 36.3 25.3 37.9

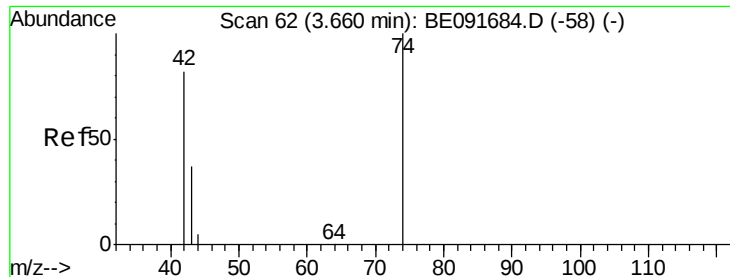


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.66 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

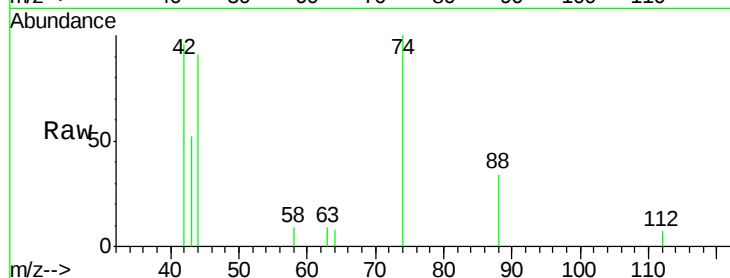
Tot Ion: 42 Resp: 1796

Ion Ratio Lower Upper

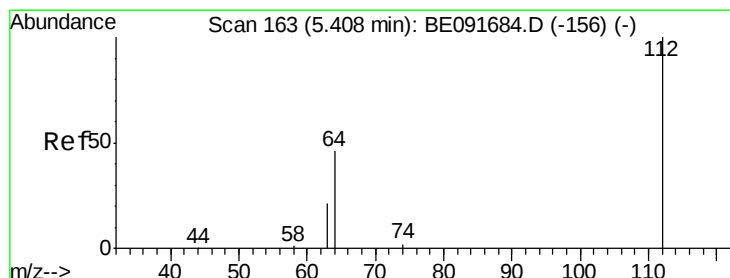
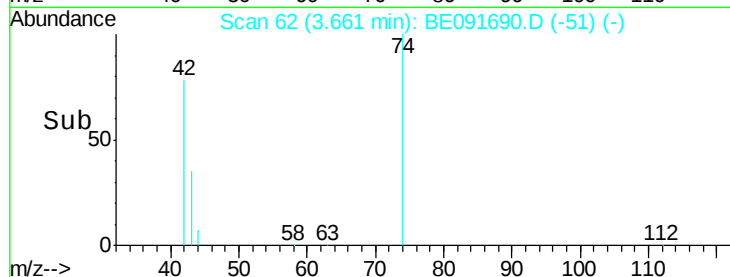
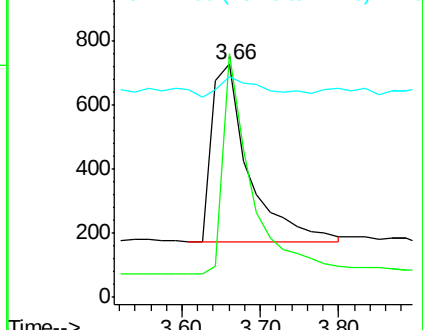
42 100

74 96.1 87.9 131.9

44 11.6 6.6 9.8#



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



#4

2-Fluorophenol

Concen: 0.39 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

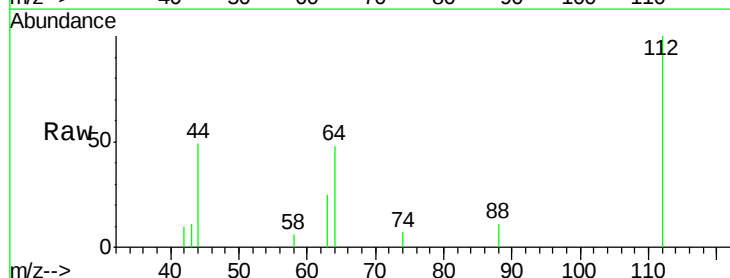
Tgt Ion: 112 Resp: 2674

Ion Ratio Lower Upper

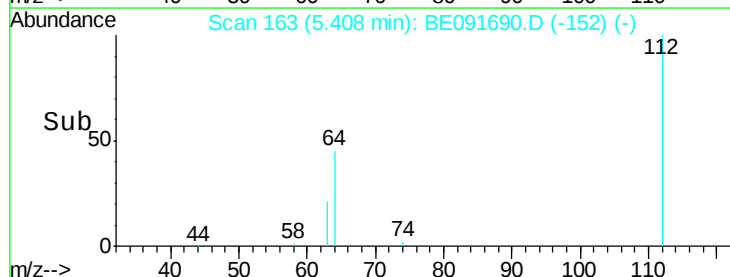
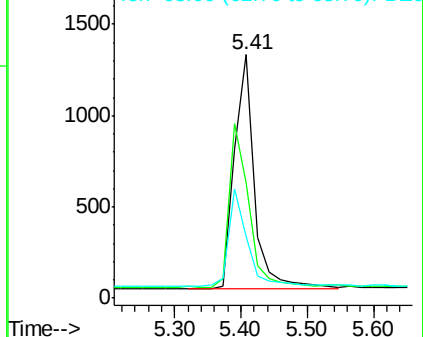
112 100

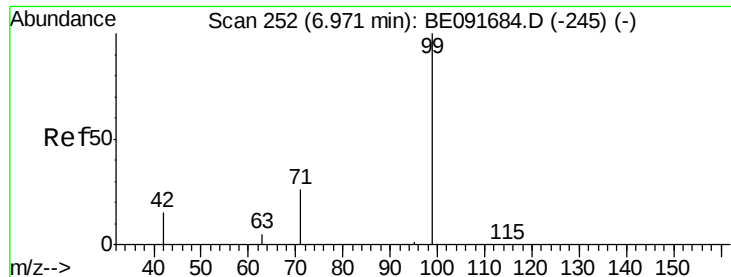
64 69.6 30.9 46.3#

63 39.1 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

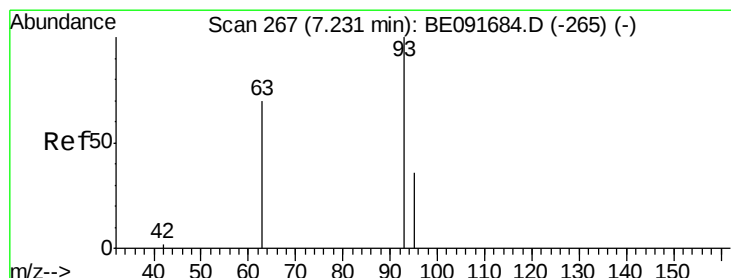
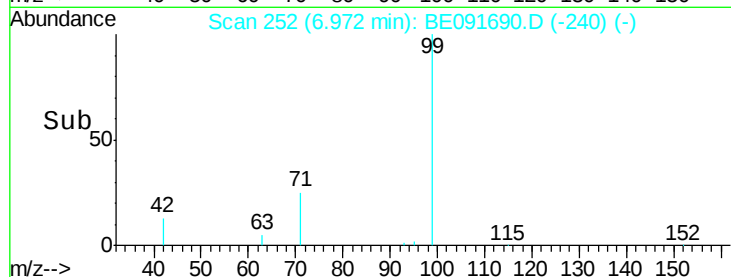
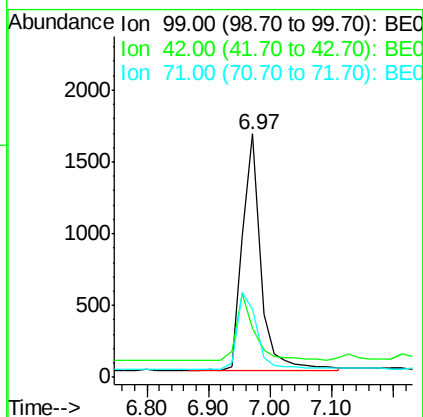
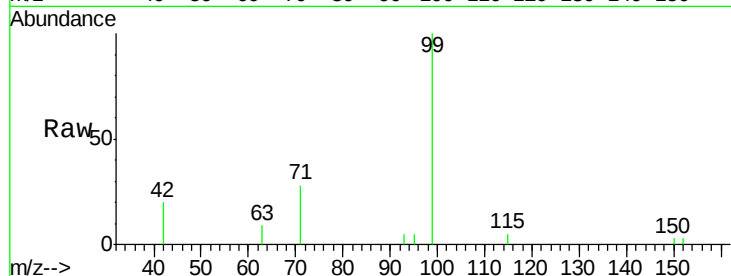
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 3449

Ion	Ratio	Lower	Upper
99	100		
42	28.1	16.2	24.2#
71	35.5	29.0	43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.23 min Scan# 267

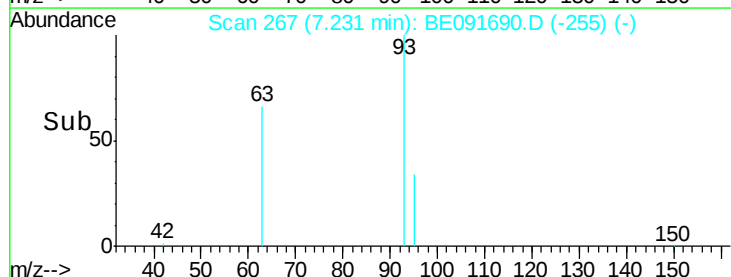
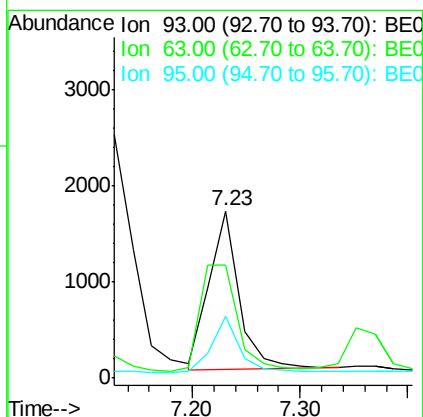
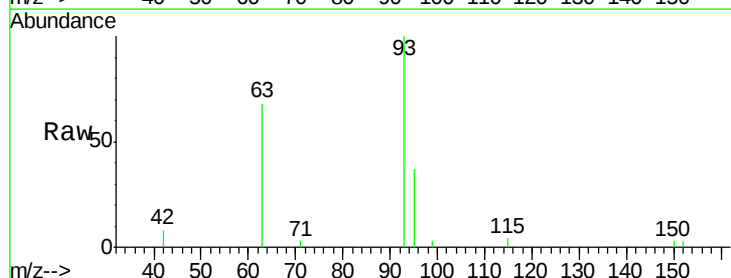
Delta R.T. 0.00 min

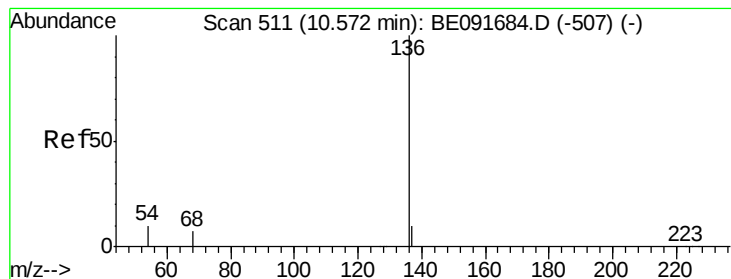
Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Tgt Ion: 93 Resp: 3214

Ion	Ratio	Lower	Upper
93	100		
63	84.8	49.5	74.3#
95	32.4	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 147302

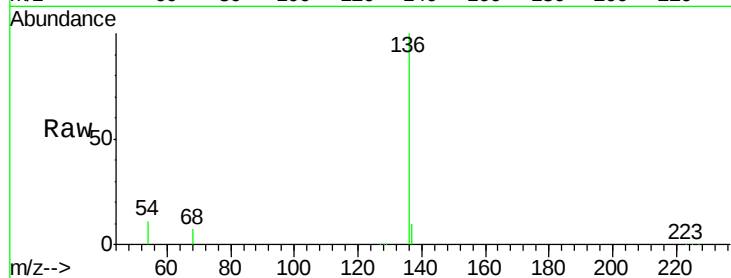
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 10.7 8.2 12.4

68 7.2 6.2 9.4

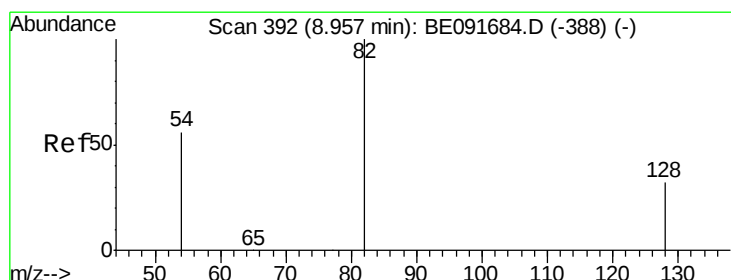
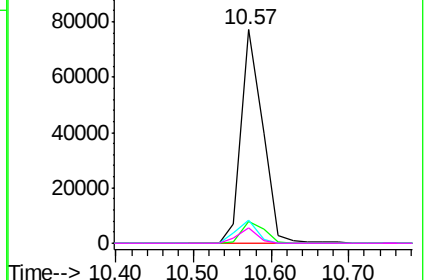
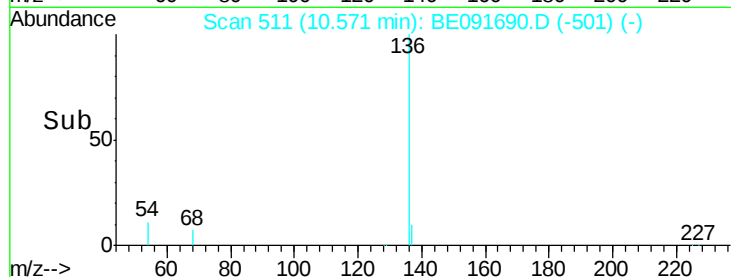


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

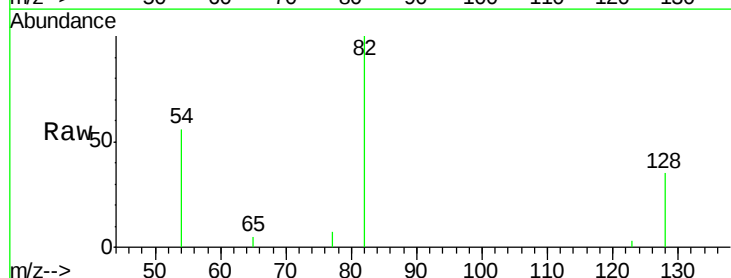
Tgt Ion: 82 Resp: 3040

Ion Ratio Lower Upper

82 100

128 35.2 25.4 38.0

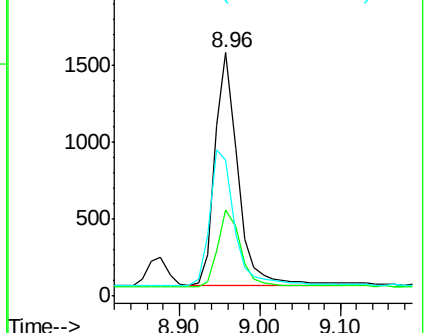
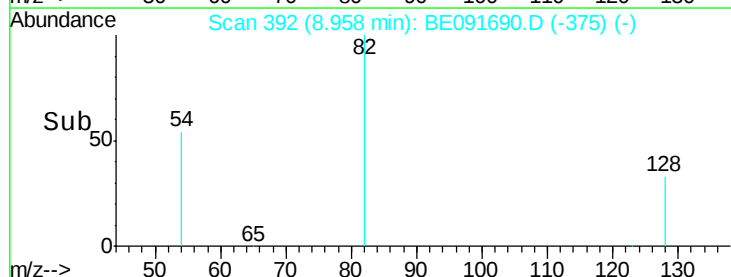
54 56.0 48.4 72.6

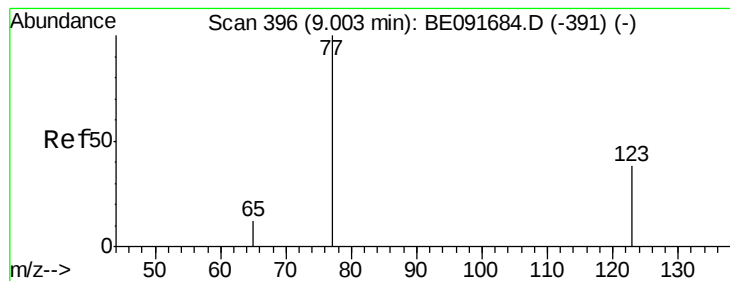


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.38 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

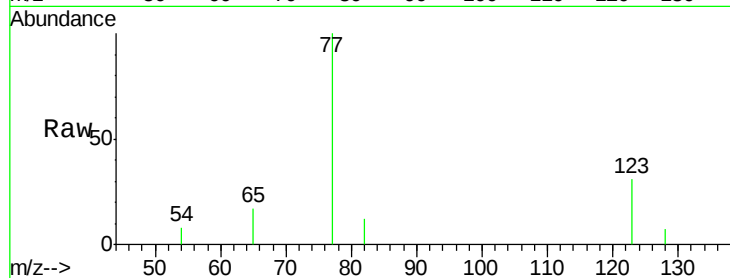
Tot Ion: 77 Resp: 3014

Ion Ratio Lower Upper

77 100

123 35.4 26.9 40.3

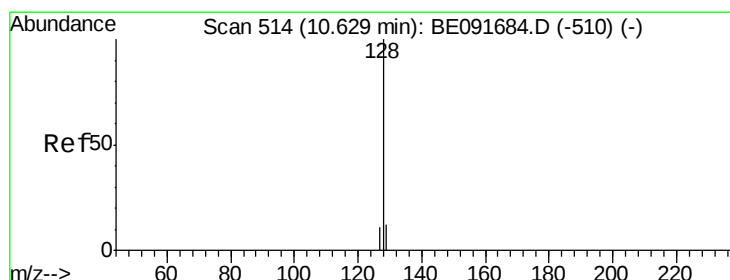
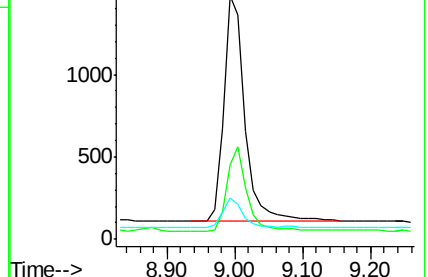
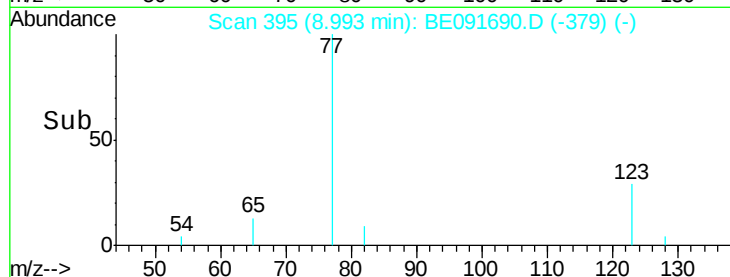
65 13.3 9.4 14.2



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: 0.40 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

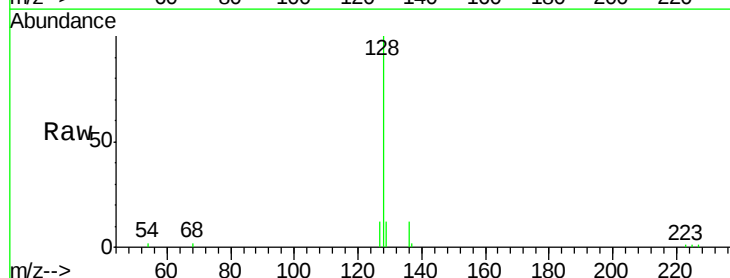
Tgt Ion: 128 Resp: 12041

Ion Ratio Lower Upper

128 100

129 12.3 9.3 13.9

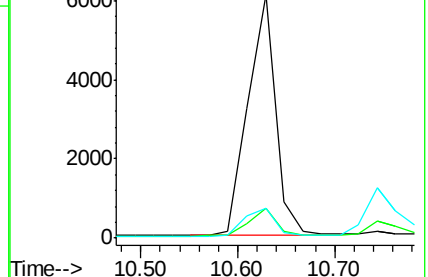
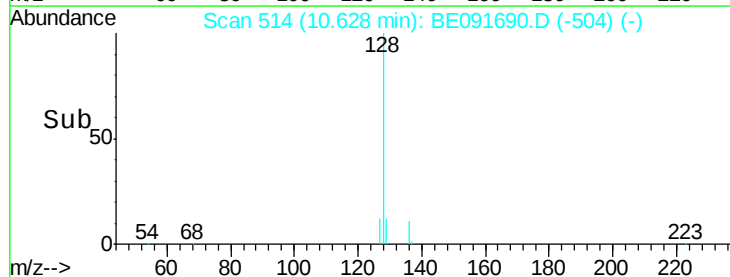
127 12.4 10.7 16.1

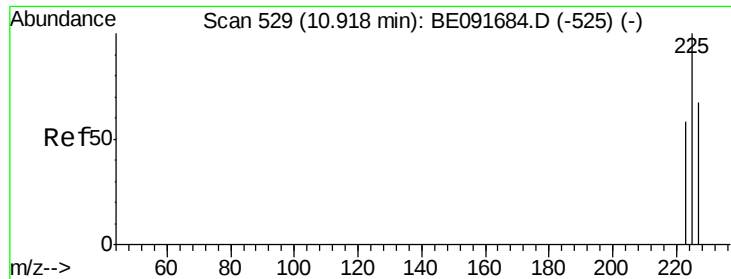


Abundance Ion 128.00 (127.70 to 128.70): BE091684.D (-510) (-)

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

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

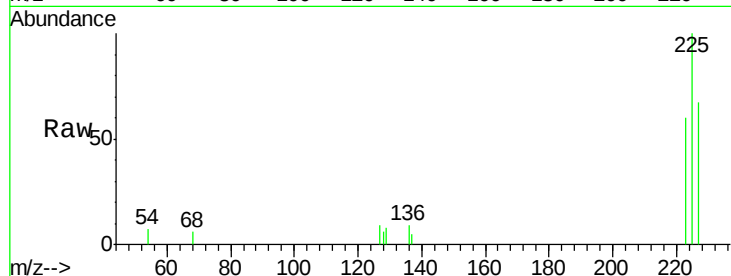




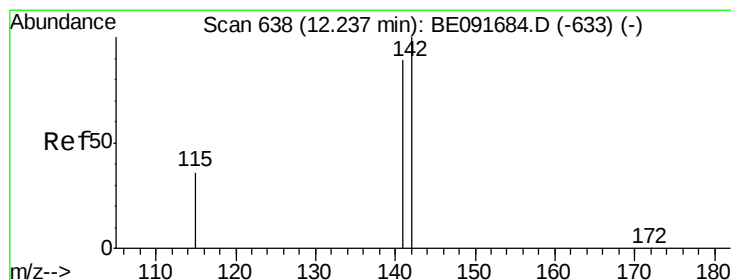
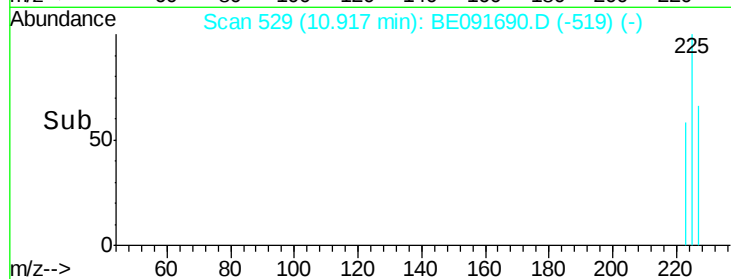
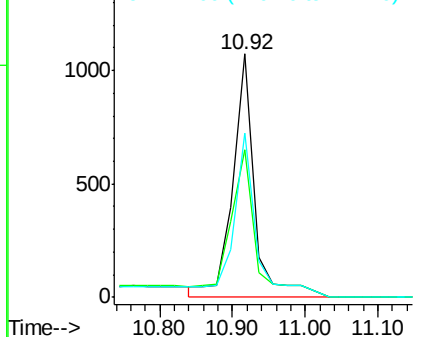
#11
Hexachlorobutadiene
Concen: 0.55 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 2351
Ion Ratio Lower Upper
225 100
223 71.4 49.0 73.6
227 68.5 50.3 75.5

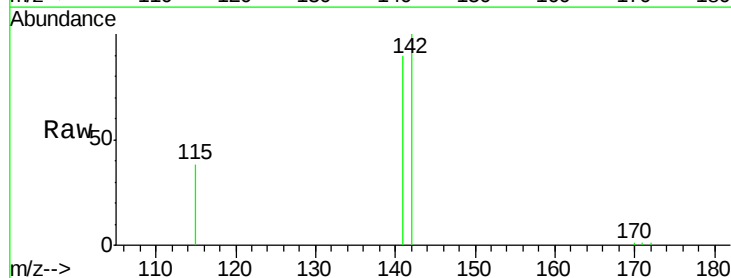


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

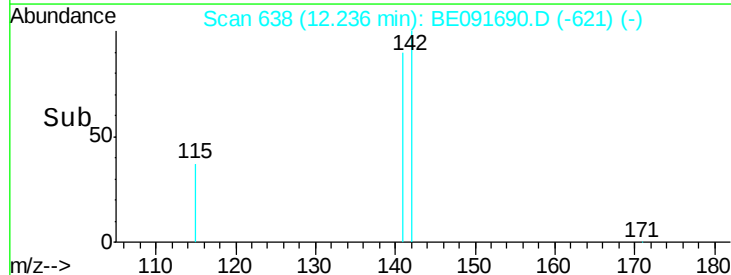
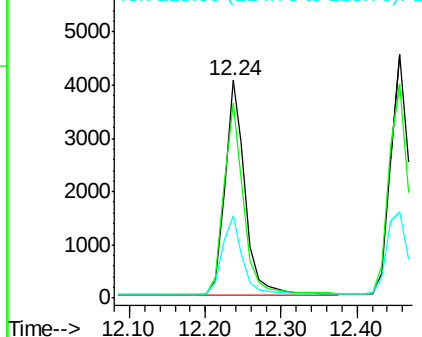


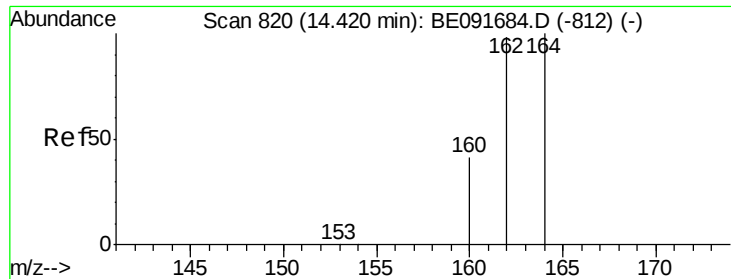
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Tgt Ion:142 Resp: 7527
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0
115 37.9 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: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

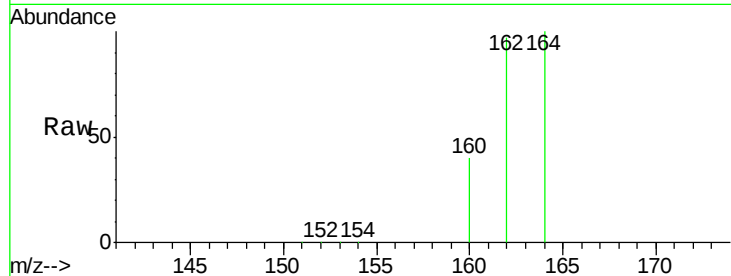
Tot Ion:164 Resp: 87749

Ion Ratio Lower Upper

164 100

162 96.5 85.3 127.9

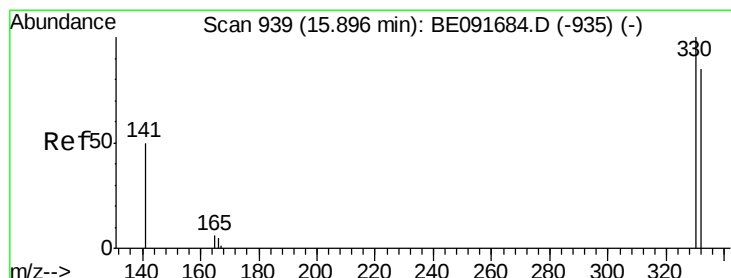
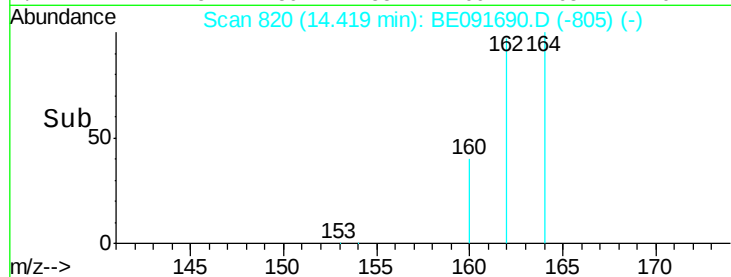
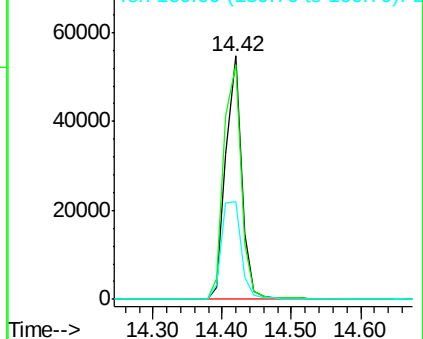
160 40.0 46.2 69.2#



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: 0.63 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

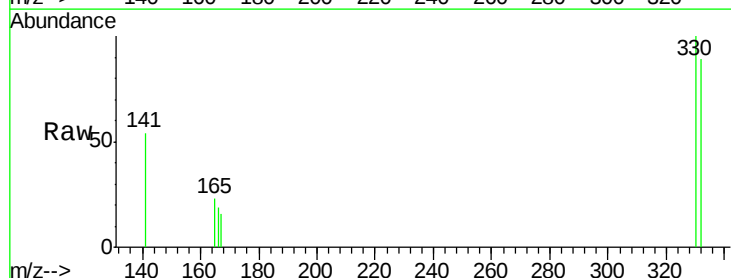
Tgt Ion:330 Resp: 1282

Ion Ratio Lower Upper

330 100

332 99.2 79.1 118.7

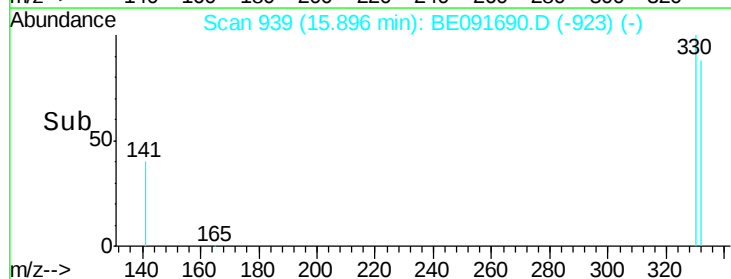
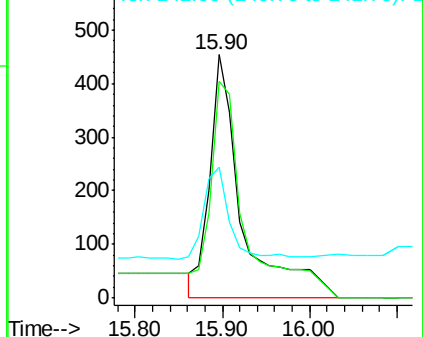
141 27.5 125.4 188.0#

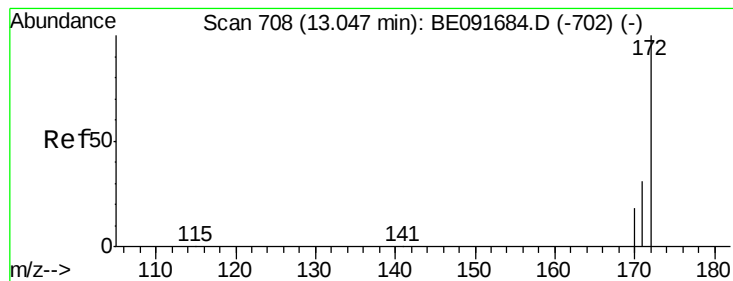


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

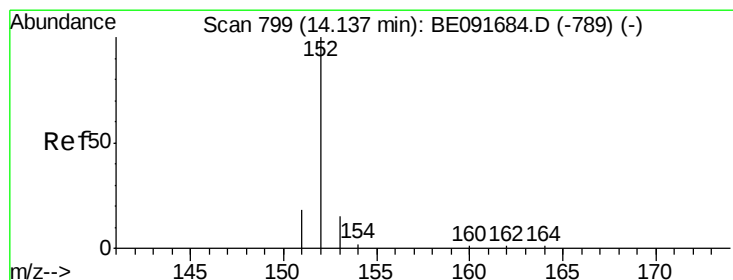
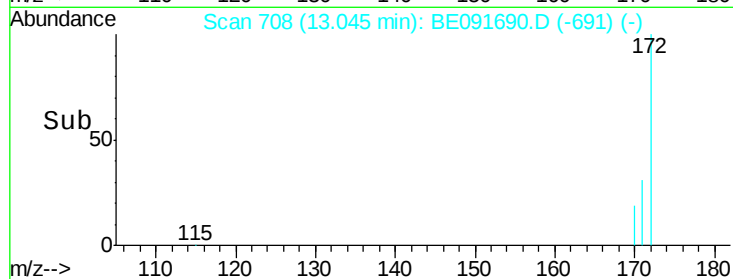
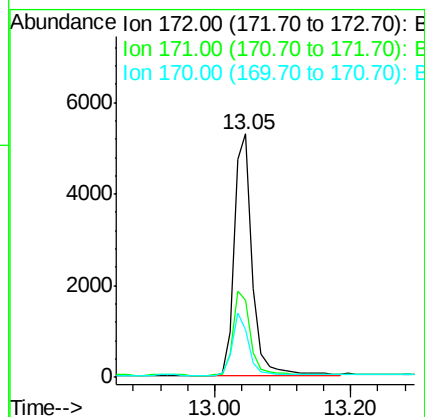
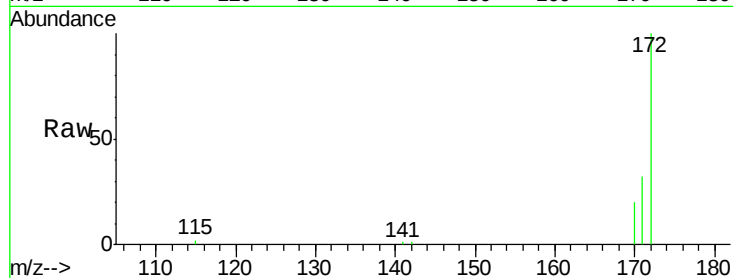




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

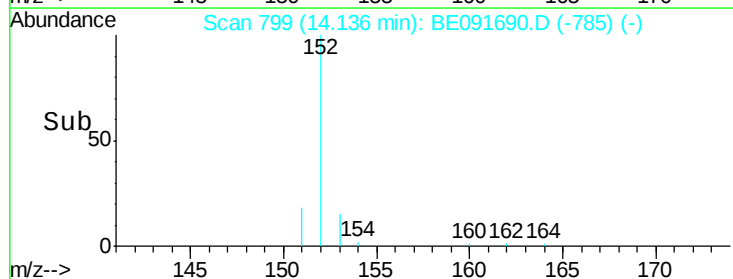
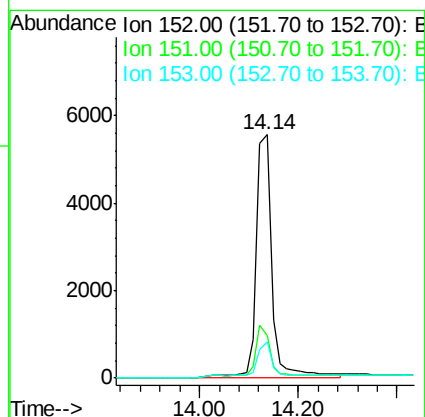
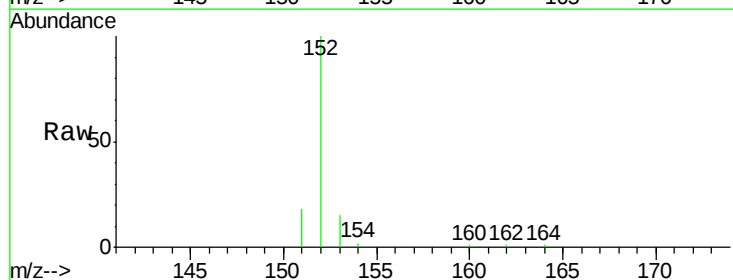
Instrument :
BNA_E
ClientSampleId :

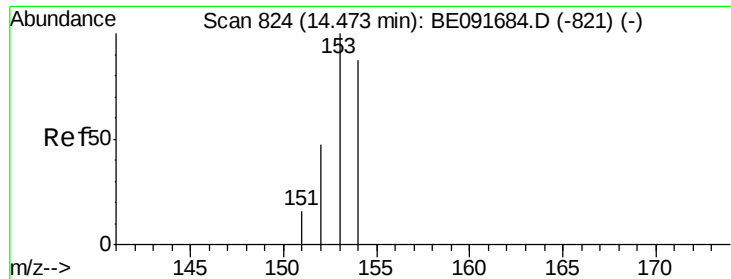
Tot Ion:172 Resp: 9741
Ion Ratio Lower Upper
172 100
171 31.7 28.8 43.2
170 19.8 19.3 28.9



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Tgt Ion:152 Resp: 13102
Ion Ratio Lower Upper
152 100
151 18.4 3.9 5.9#
153 18.4 10.3 15.5#





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

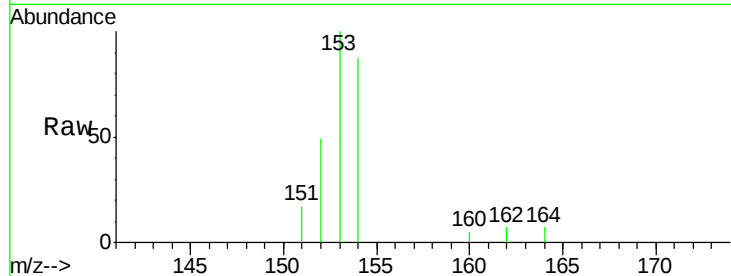
Tot Ion:154 Resp: 8518

Ion Ratio Lower Upper

154 100

153 116.4 80.0 120.0

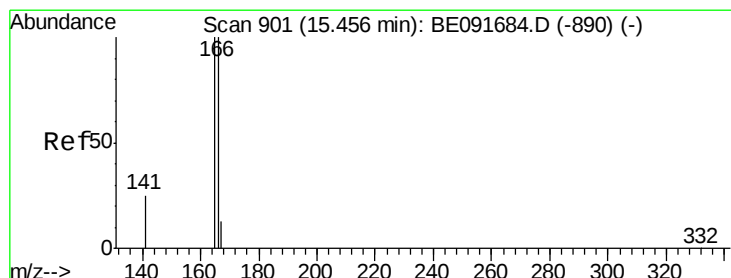
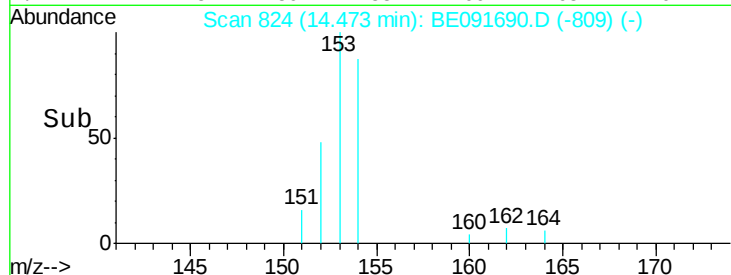
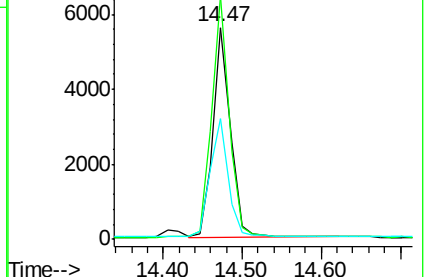
152 58.1 40.0 60.0



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: 0.39 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

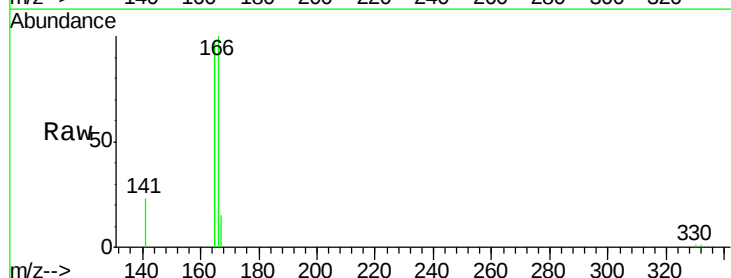
Tgt Ion:166 Resp: 10534

Ion Ratio Lower Upper

166 100

165 99.6 80.8 121.2

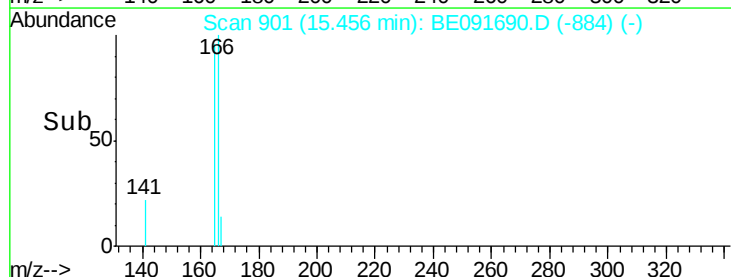
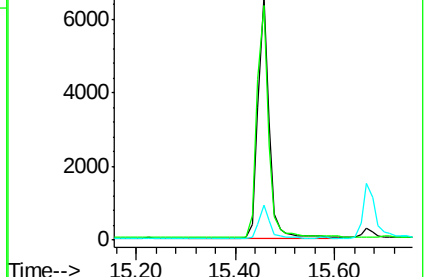
167 13.5 10.9 16.3

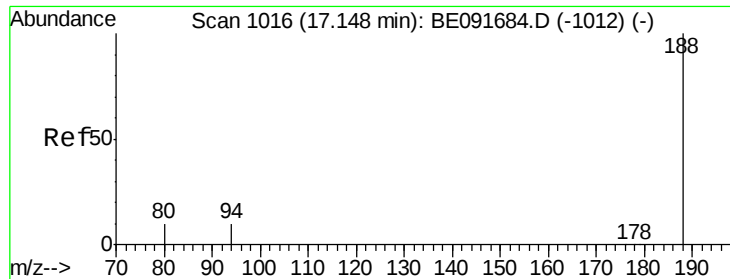


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

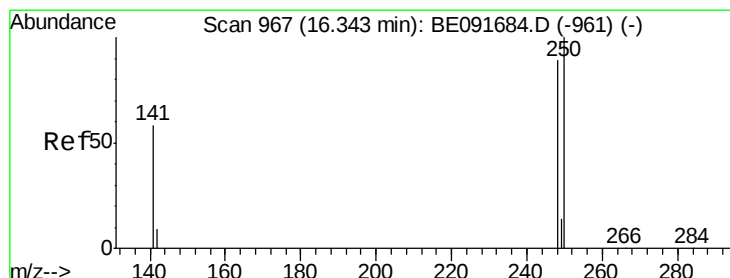
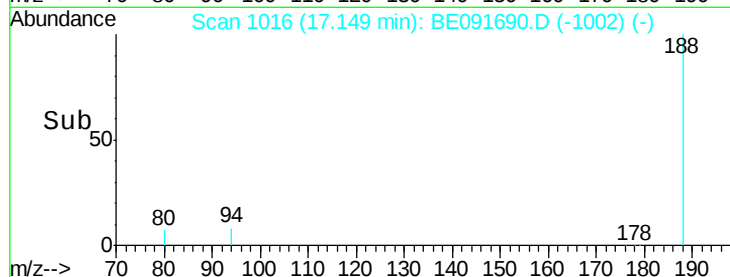
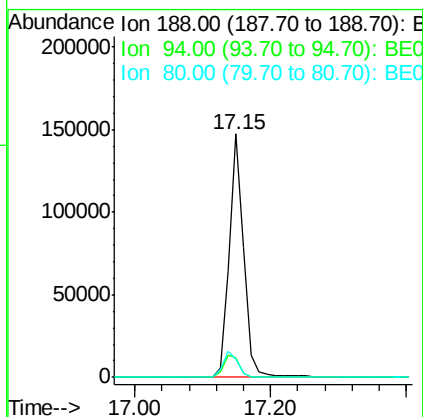
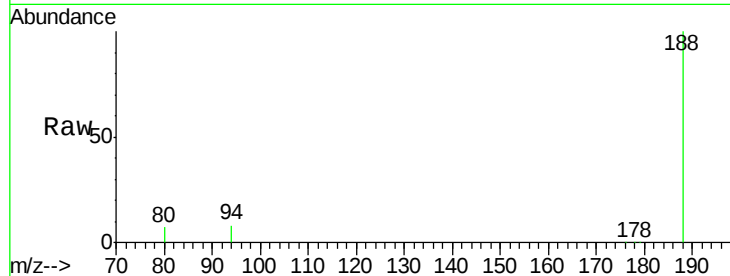




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

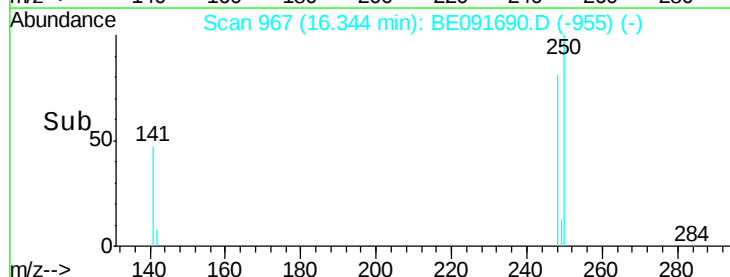
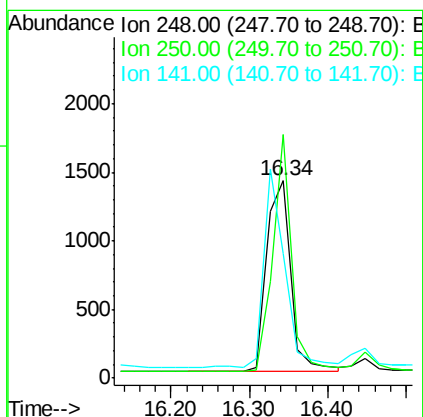
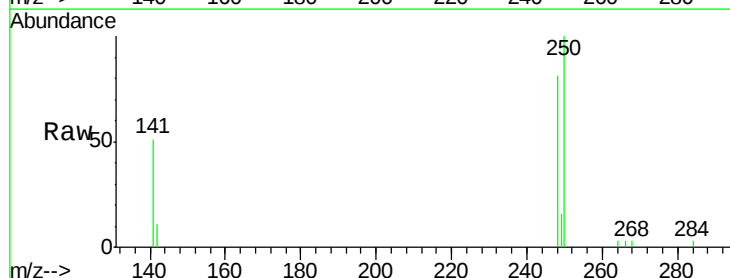
Instrument :
BNA_E
ClientSampleId :

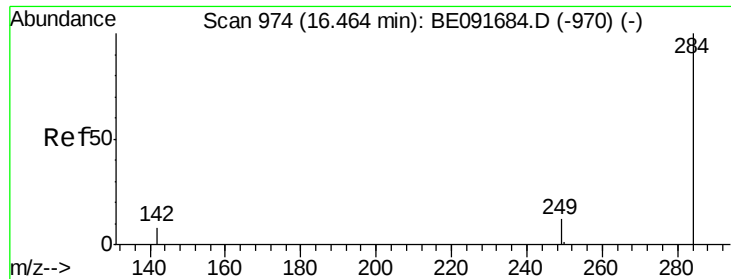
Tot Ion:188 Resp: 222314
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 7.4 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Tgt Ion:248 Resp: 2984
Ion Ratio Lower Upper
248 100
250 96.5 80.5 120.7
141 90.2 72.0 108.0

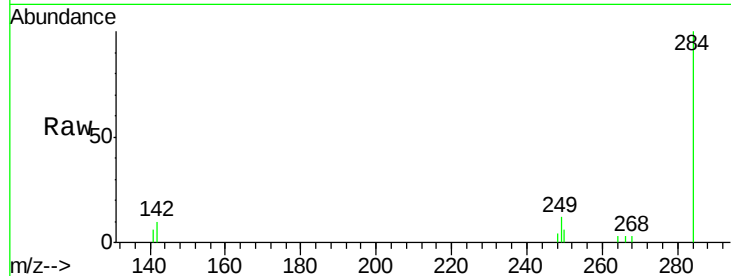




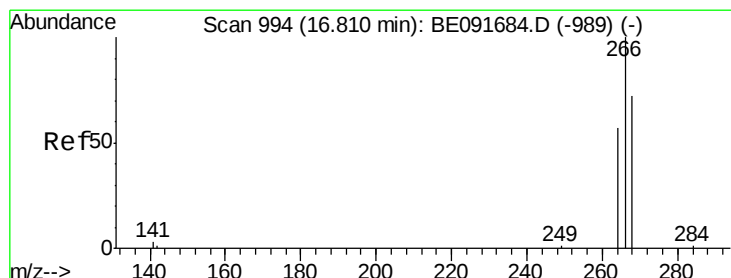
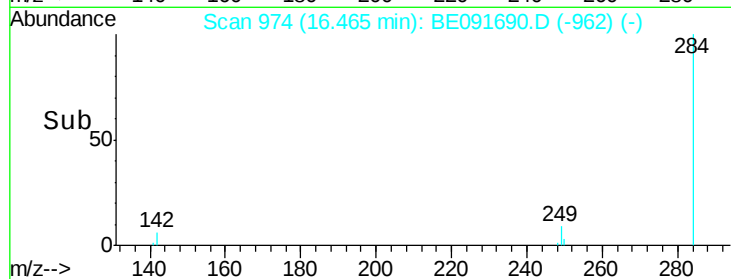
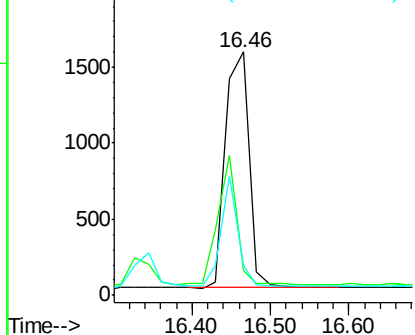
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 3243
Ion Ratio Lower Upper
284 100
142 42.9 32.2 48.2
249 33.3 25.4 38.2

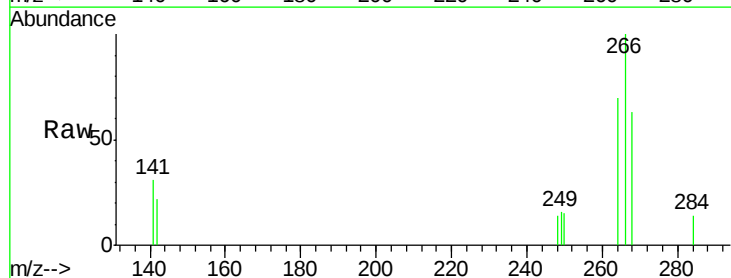


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

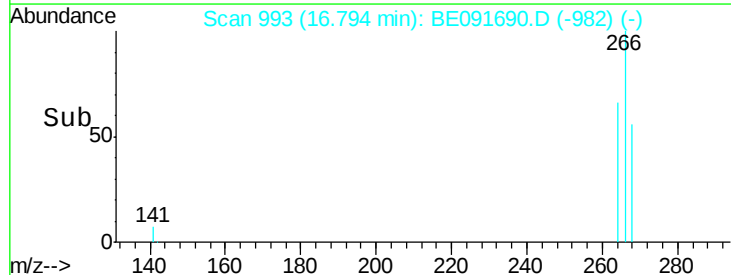
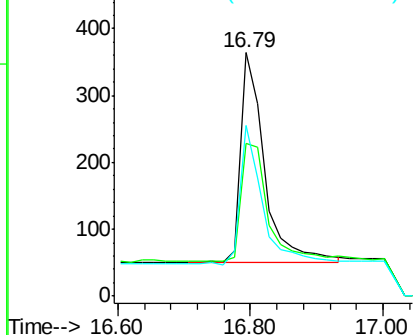


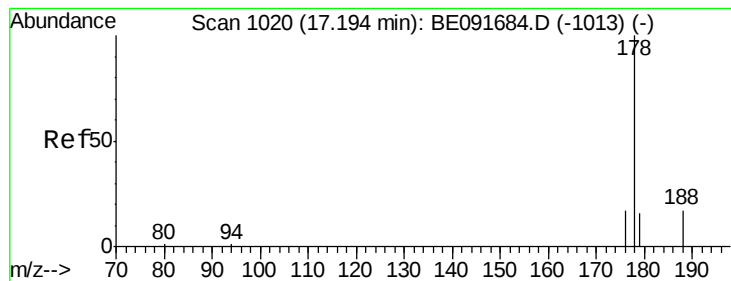
#22
Pentachlorophenol
Concen: 0.41 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Tgt Ion:266 Resp: 773
Ion Ratio Lower Upper
266 100
268 62.9 58.2 87.2
264 70.3 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: 17.18 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

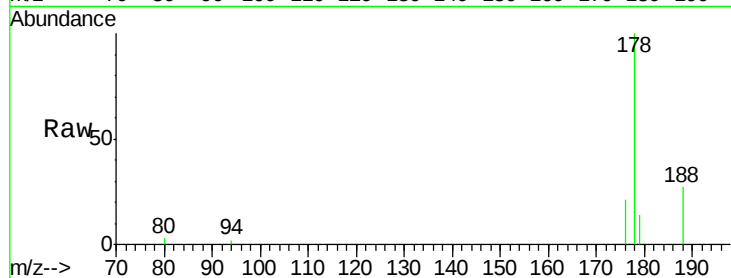
Tot Ion:178 Resp: 20442

Ion Ratio Lower Upper

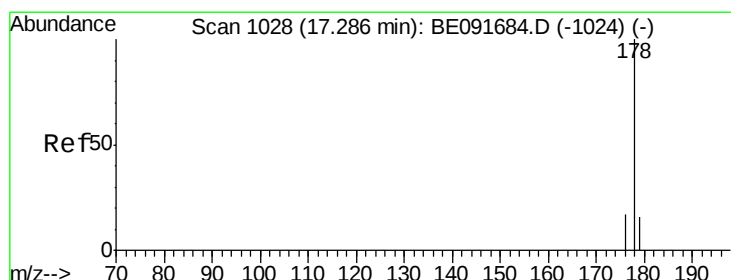
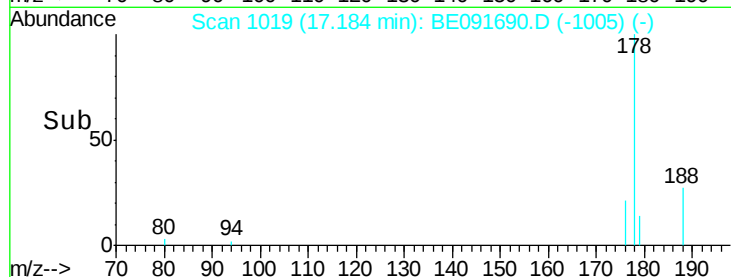
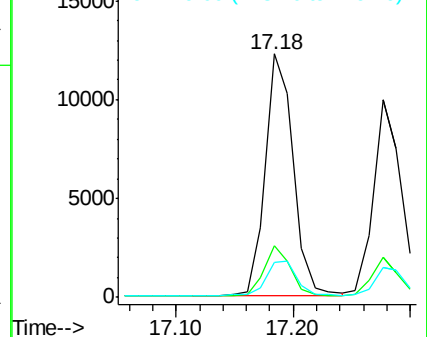
178 100

176 19.5 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: 17.28 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

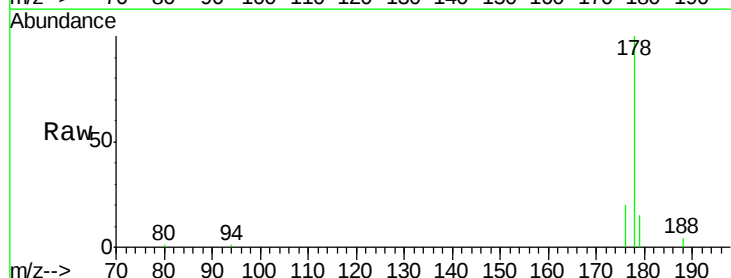
Tgt Ion:178 Resp: 17102

Ion Ratio Lower Upper

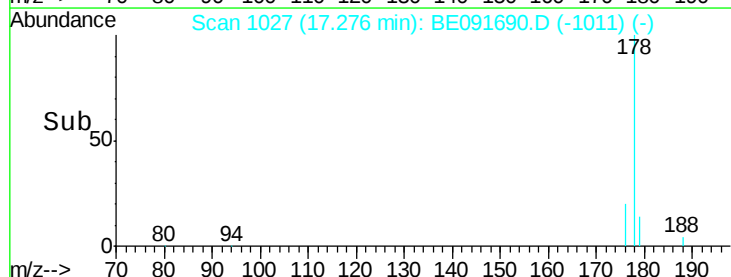
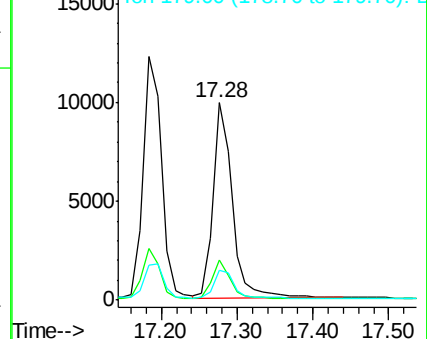
178 100

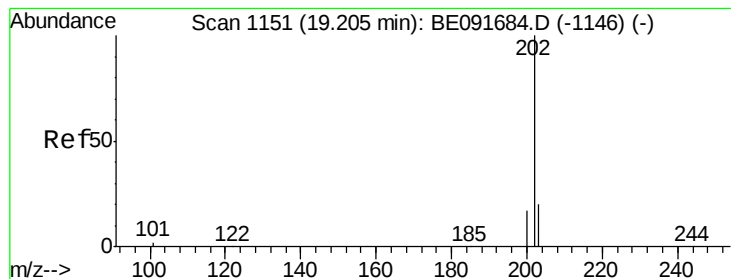
176 18.6 14.6 21.8

179 15.0 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.39 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

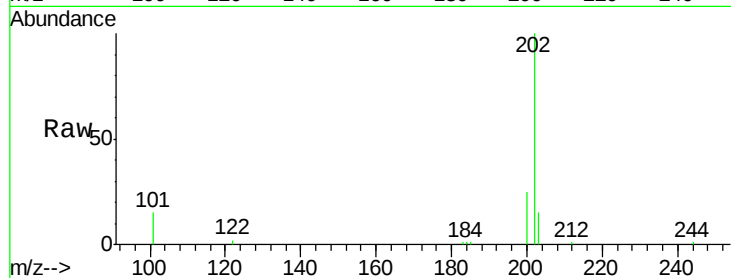
Tot Ion:202 Resp: 19483

Ion Ratio Lower Upper

202 100

101 11.1 11.0 16.6

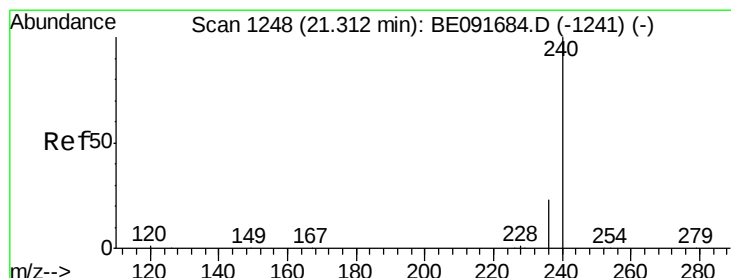
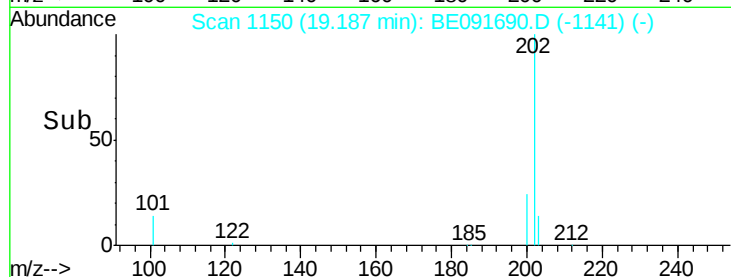
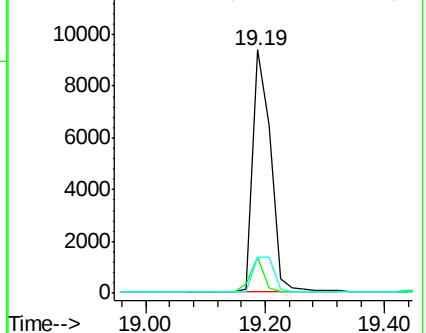
203 17.1 13.9 20.9



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: BE091690.D

Acq: 20 Apr 2016 18:12

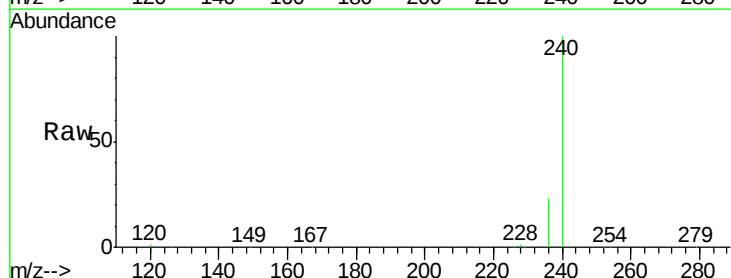
Tgt Ion:240 Resp: 237207

Ion Ratio Lower Upper

240 100

120 1.1 11.0 16.4#

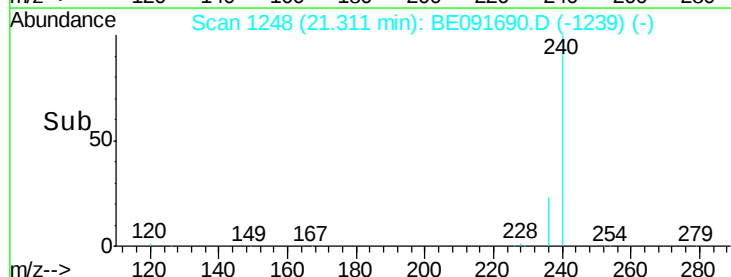
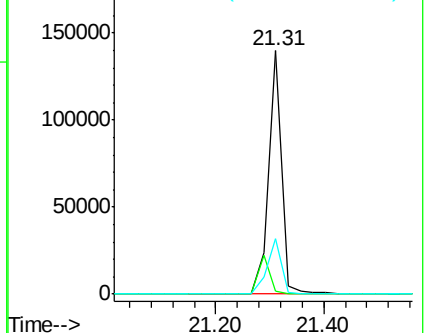
236 23.0 21.7 32.5

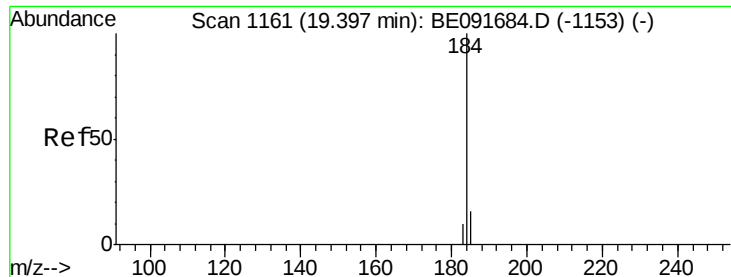


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.47 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

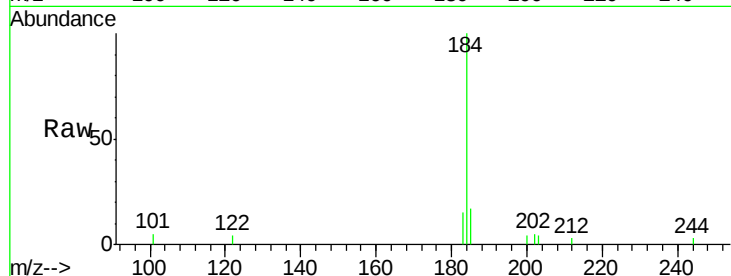
Tot Ion:184 Resp: 4272

Ion Ratio Lower Upper

184 100

185 16.6 22.3 33.5#

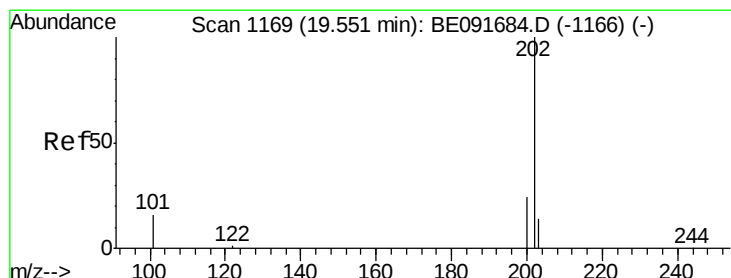
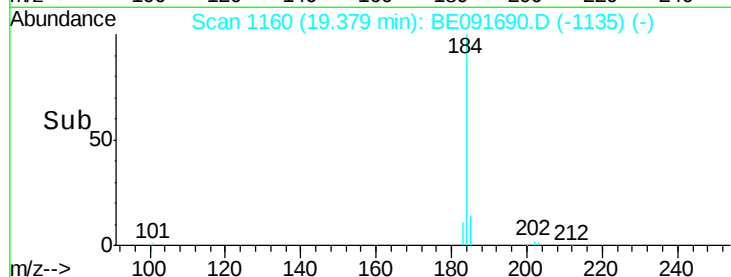
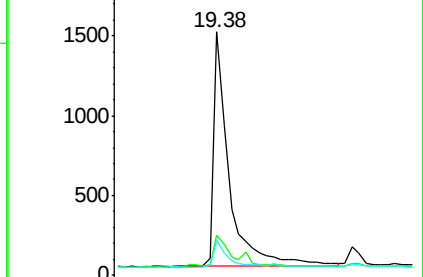
183 14.6 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.40 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

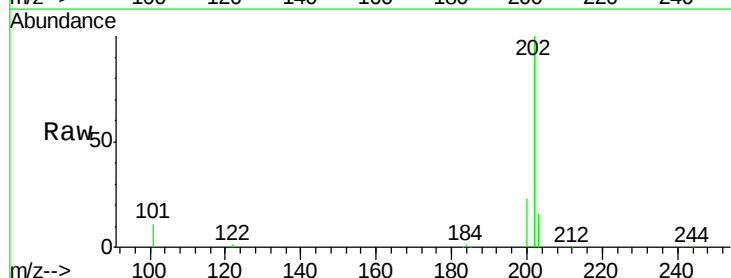
Tgt Ion:202 Resp: 22032

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

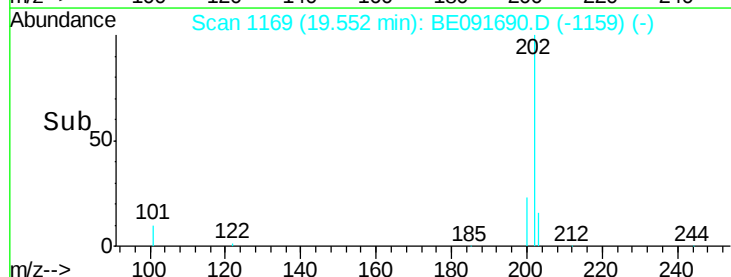
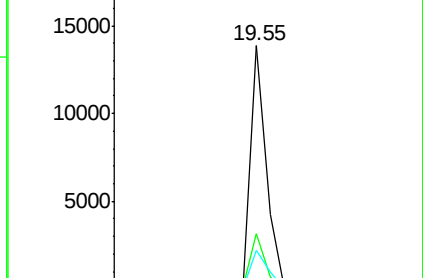
203 17.3 14.0 21.0

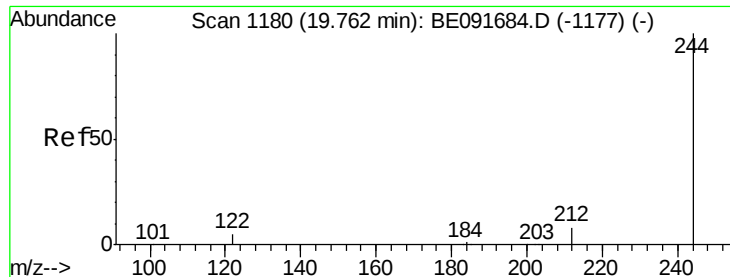


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.39 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

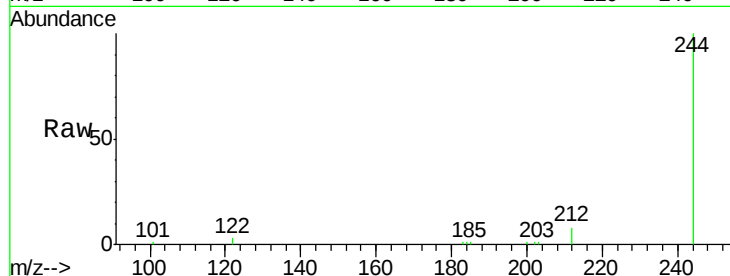
Tot Ion:244 Resp: 14761

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

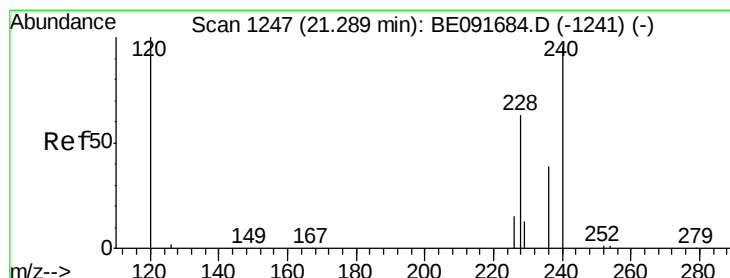
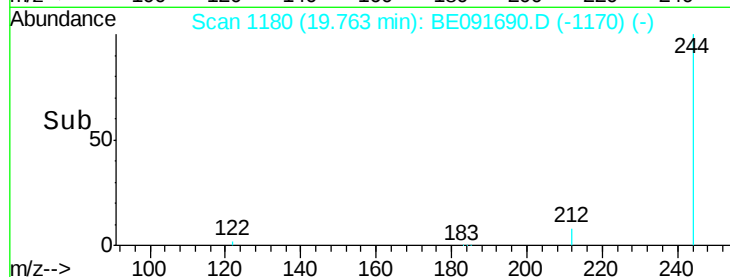
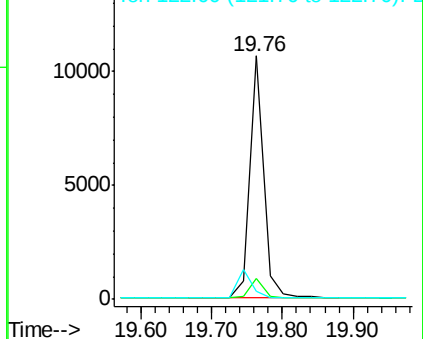
122 3.1 11.0 16.4#



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: 0.41 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

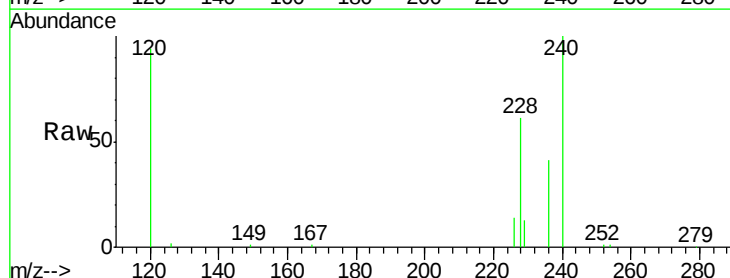
Tgt Ion:228 Resp: 23522

Ion Ratio Lower Upper

228 100

226 23.7 21.0 31.4

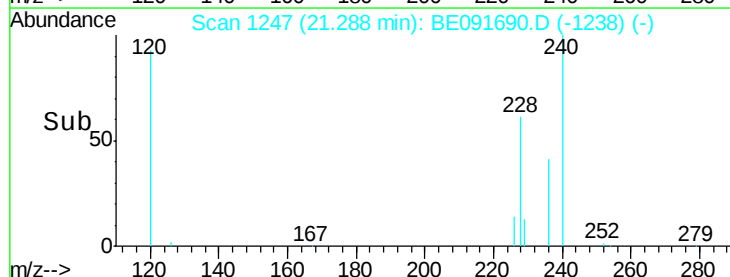
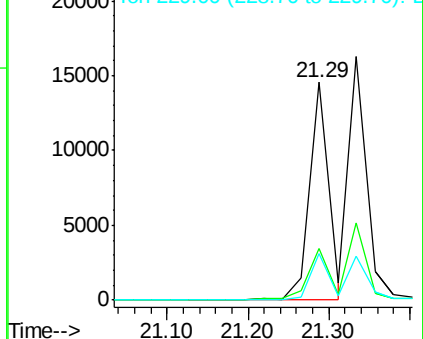
229 21.3 15.7 23.5

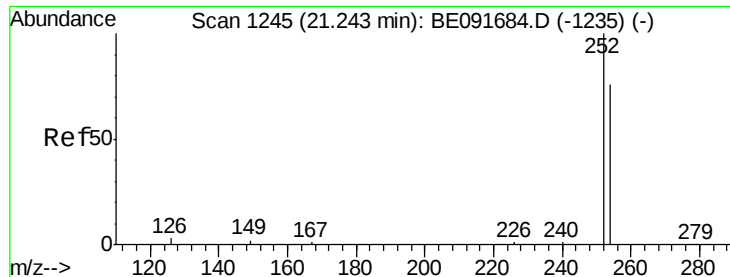


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

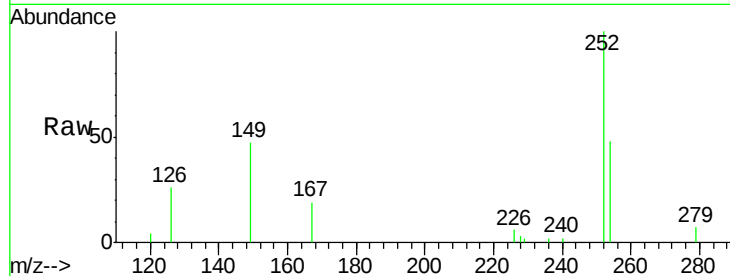




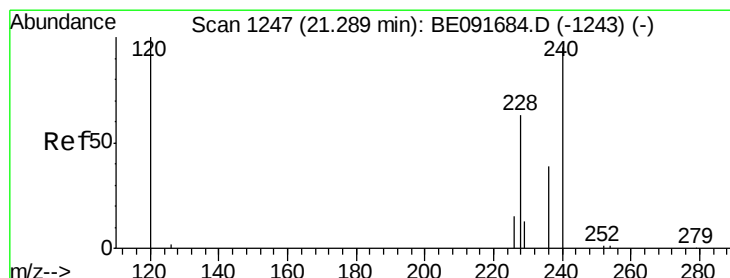
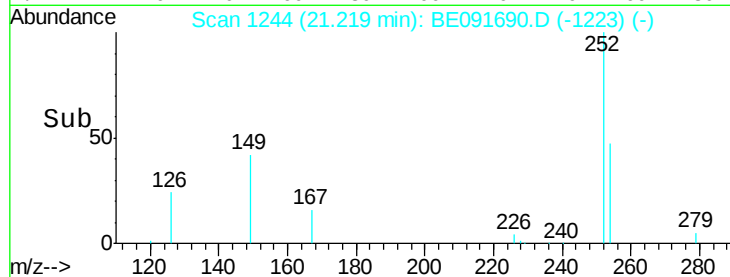
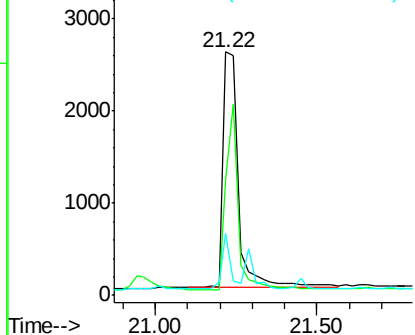
#31
 3,3'-Dichlorobenzidine
 Concen: 0.46 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091690.D
 Acq: 20 Apr 2016 18:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:252 Resp: 8646
 Ion Ratio Lower Upper
 252 100
 254 47.7 51.1 76.7#
 126 25.7 12.6 18.8#

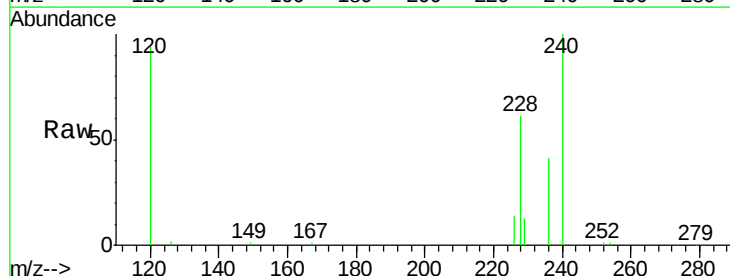


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

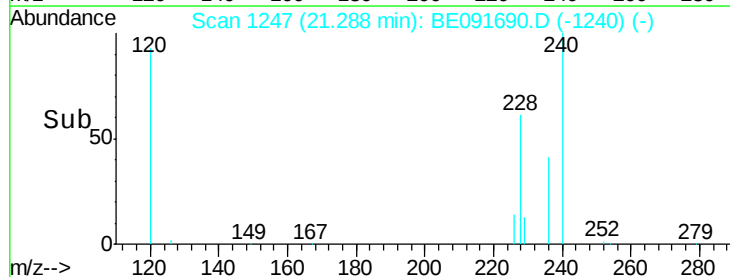
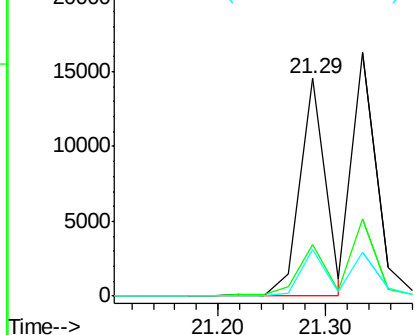


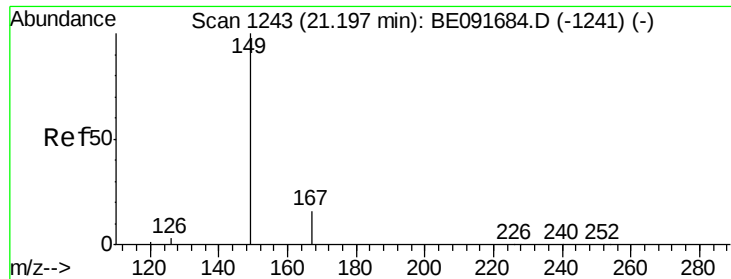
#32
 Chrysene
 Concen: 0.37 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091690.D
 Acq: 20 Apr 2016 18:12

Tgt Ion:228 Resp: 23512
 Ion Ratio Lower Upper
 228 100
 226 23.7 24.0 36.0#
 229 21.3 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

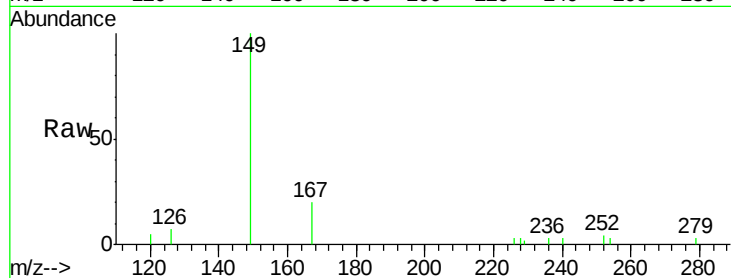




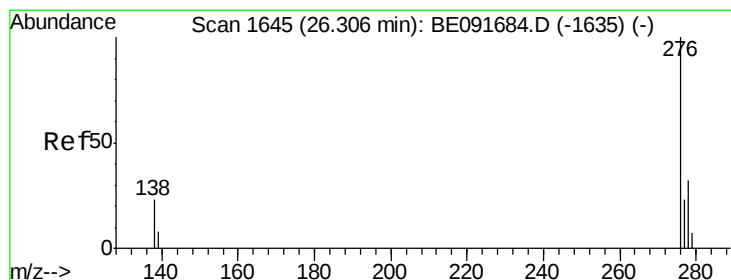
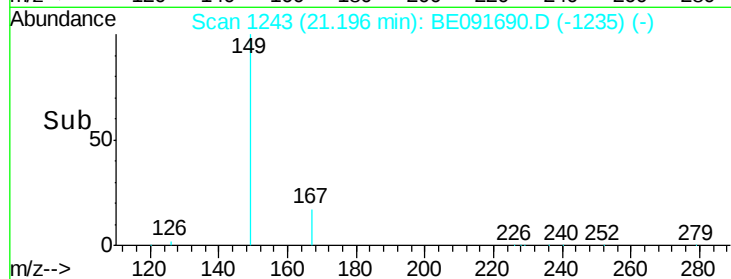
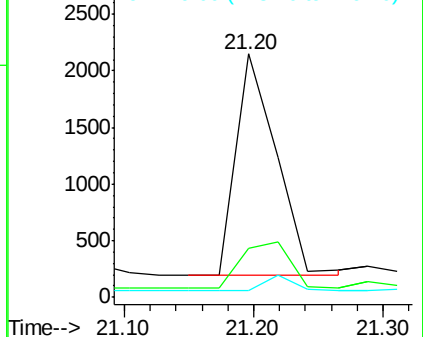
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.47 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091690.D
 Acq: 20 Apr 2016 18:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 4267
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#

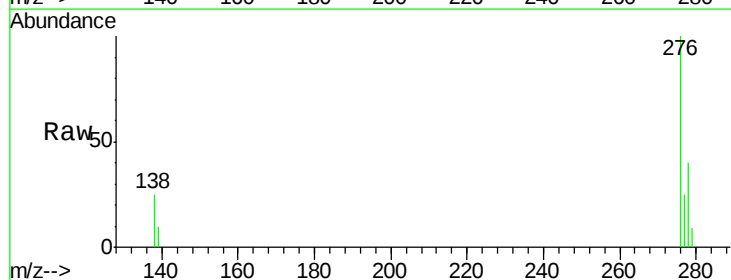


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

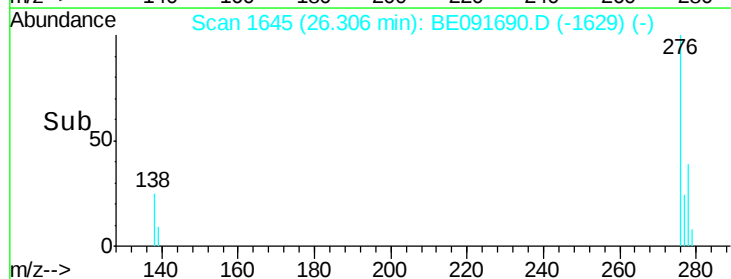
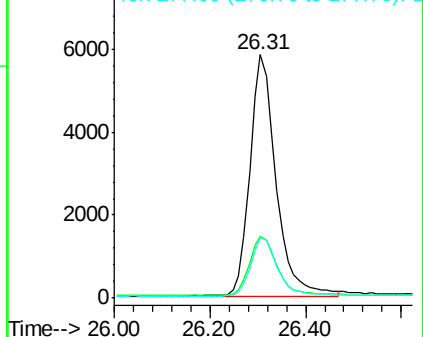


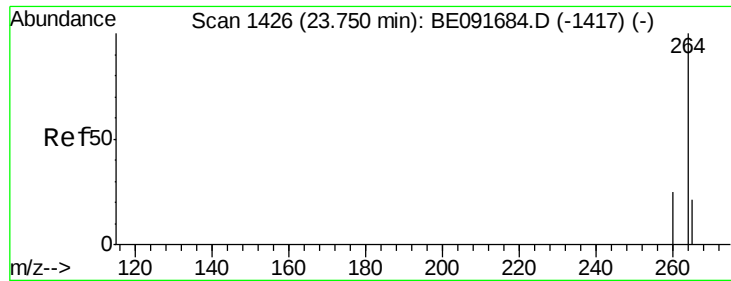
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE091690.D
 Acq: 20 Apr 2016 18:12

Tgt Ion:276 Resp: 21903
 Ion Ratio Lower Upper
 276 100
 138 26.2 23.4 35.2
 277 25.1 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

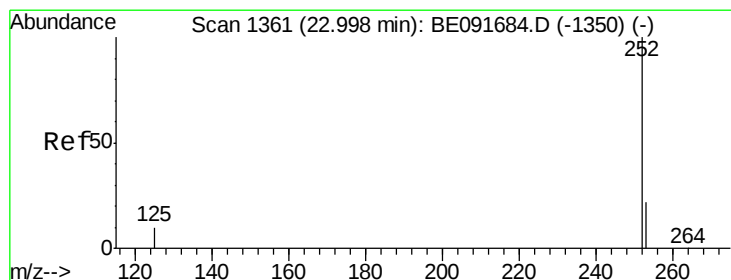
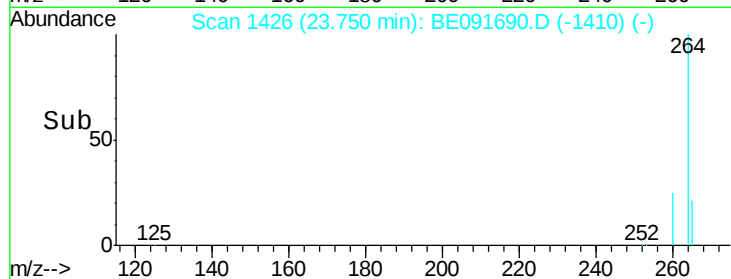
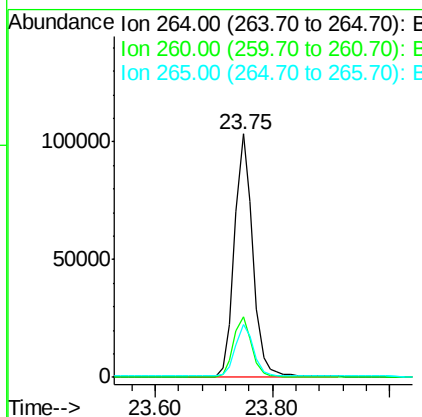
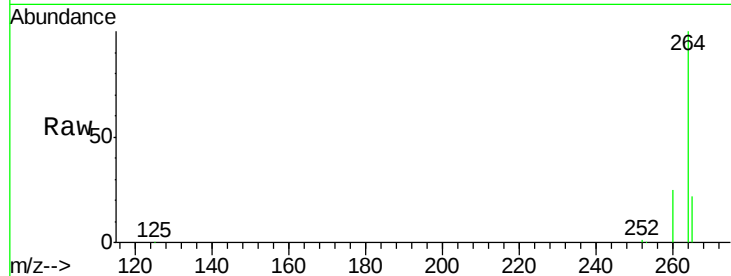




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

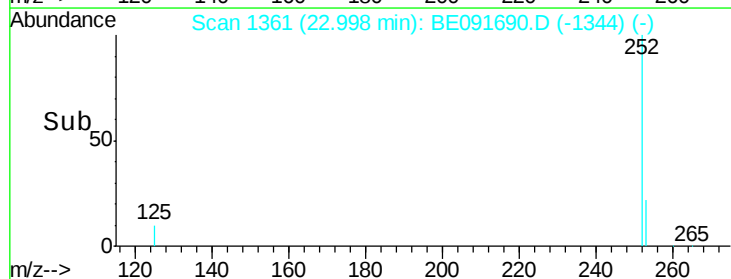
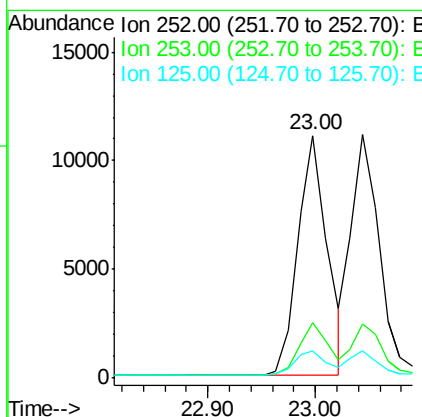
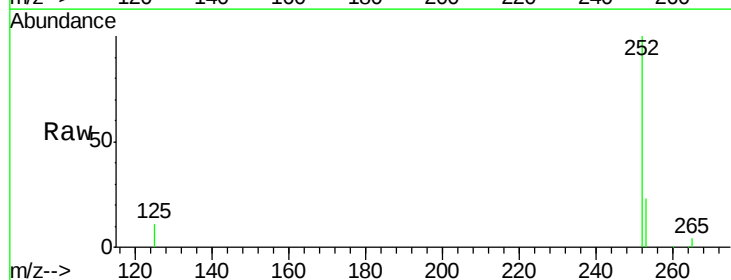
Instrument :
BNA_E
ClientSampleId :

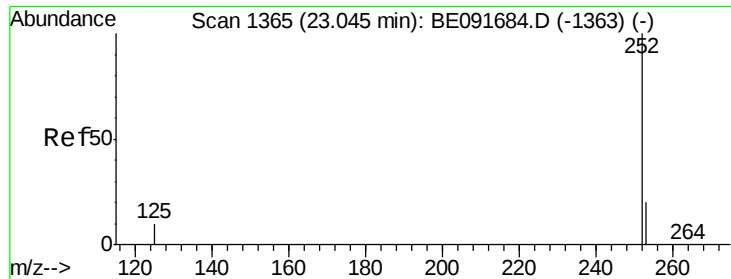
Tot Ion:264 Resp: 225127
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 21.9 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091690.D
Acq: 20 Apr 2016 18:12

Tgt Ion:252 Resp: 21001
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.2 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.38 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

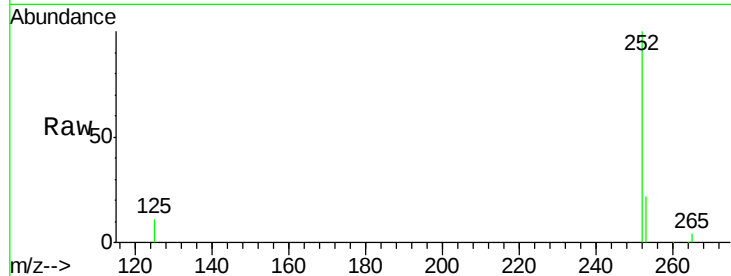
Tot Ion:252 Resp: 20425

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

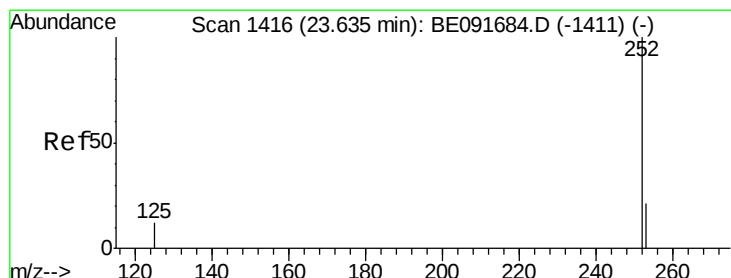
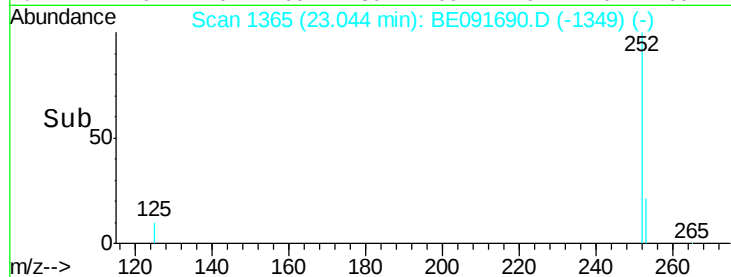
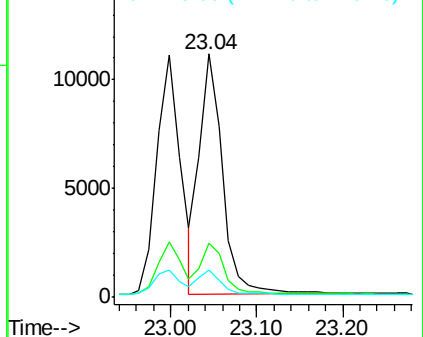
125 11.4 9.9 14.9



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: 0.38 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

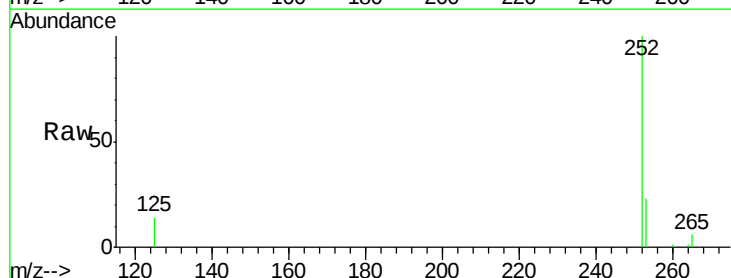
Tgt Ion:252 Resp: 17598

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

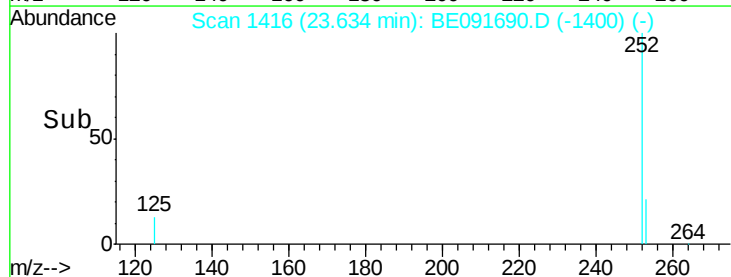
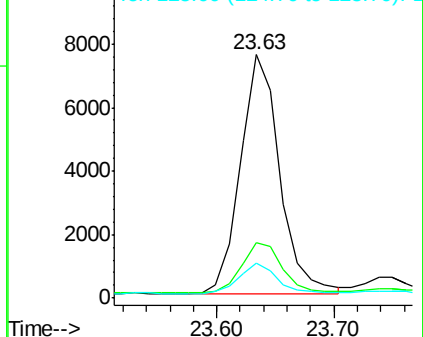
125 14.4 11.0 16.4

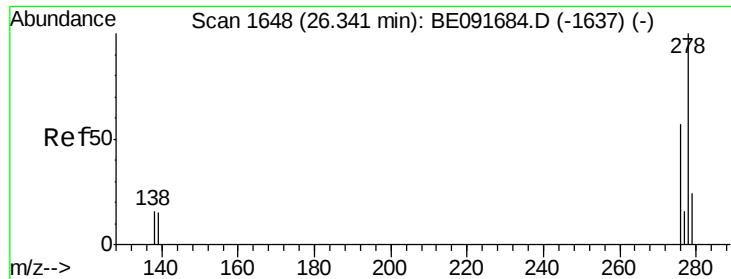


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

Instrument :

BNA_E

ClientSampleId :

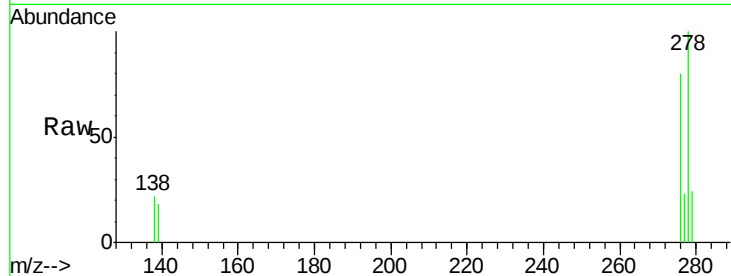
Tot Ion:278 Resp: 18064

Ion Ratio Lower Upper

278 100

139 18.0 16.0 24.0

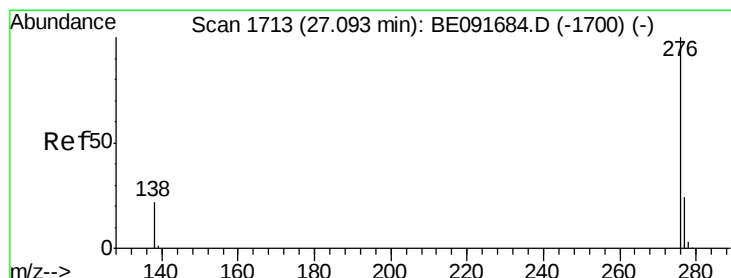
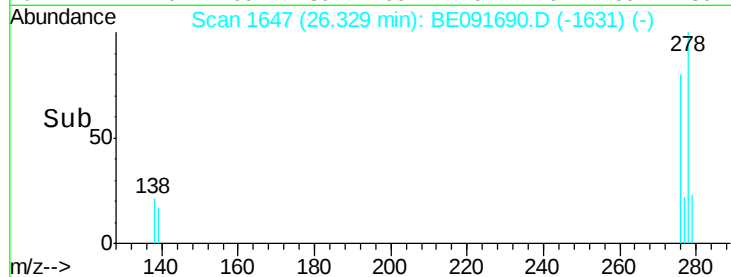
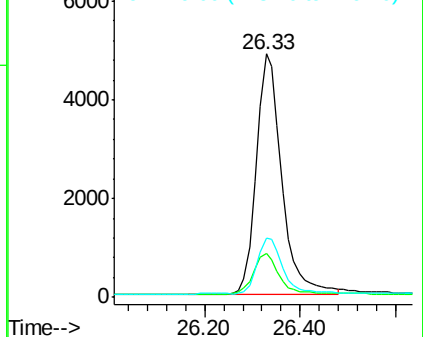
279 24.3 19.4 29.2



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: 0.38 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091690.D

Acq: 20 Apr 2016 18:12

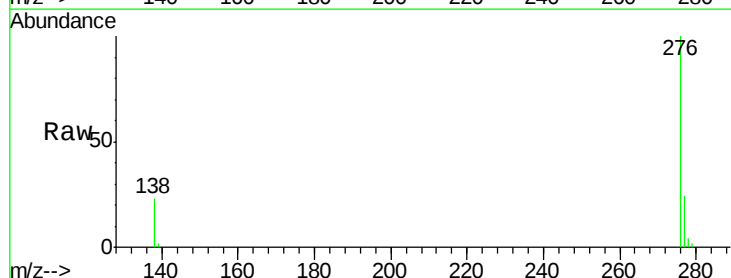
Tgt Ion:276 Resp: 18607

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 22.8 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

