

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091686.D
 Acq On : 20 Apr 2016 15:43
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 17:14:44 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	34556	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	168468	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	102117	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	249068	5.00	ng	0.00
26) Chrysene-d12	21.31	240	268559	5.00	ng	0.00
35) Perylene-d12	23.75	264	246112	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	11155	1.48	ng	0.00
5) Phenol-d6	6.97	99	15516	1.53	ng	0.00
8) Nitrobenzene-d5	8.96	82	13415	1.55	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	5243	2.43	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	42838	1.51	ng	-0.01
29) Terphenyl-d14	19.76	244	66377	1.81	ng	0.00

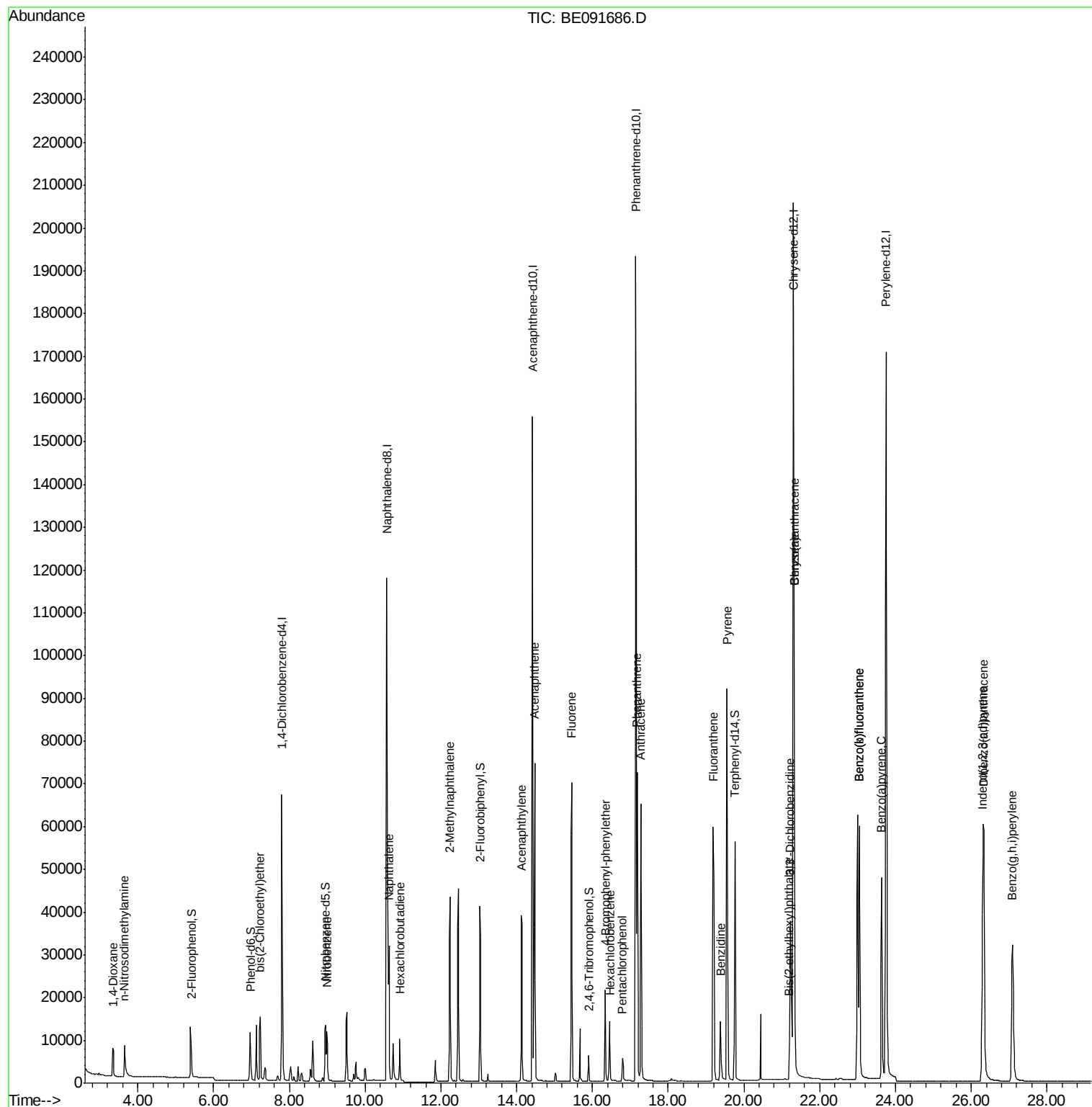
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	5905	1.32	ng	# 93
3) n-Nitrosodimethylamine	3.64	42	7813	1.58	ng	86
6) bis(2-Chloroethyl)ether	7.23	93	14041	1.51	ng	# 76
9) Nitrobenzene	8.99	77	14098	1.62	ng	96
10) Naphthalene	10.63	128	51980	1.52	ng	97
11) Hexachlorobutadiene	10.92	225	8433	1.70	ng	96
12) 2-Methylnaphthalene	12.24	142	33678	1.54	ng	94
16) Acenaphthylene	14.12	152	61100	1.63	ng	# 84
17) Acenaphthene	14.47	154	38983	1.55	ng	89
18) Fluorene	15.46	166	48314	1.57	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	13318	1.54	ng	97
21) Hexachlorobenzene	16.46	284	14434	1.58	ng	99
22) Pentachlorophenol	16.79	266	4564	1.50	ng	91
23) Phenanthrene	17.18	178	87932	1.55	ng	99
24) Anthracene	17.27	178	78859	1.57	ng	98
25) Fluoranthene	19.19	202	86185	1.53	ng	98
27) Benzdine	19.38	184	22248	1.14	ng	# 76
28) Pyrene	19.55	202	97659	1.82	ng	99
30) Benzo(a)anthracene	21.33	228	202092	3.24	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	40870	1.68	ng	# 81
32) Chrysene	21.33	228	203003	3.21	ng	95
33) Bis(2-ethylhexyl)phthalate	21.20	149	18849	1.65	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	94029	1.64	ng	96
36) Benzo(b)fluoranthene	23.04	252	83737	1.55	ng	98
37) Benzo(k)fluoranthene	23.04	252	85068	1.48	ng	98
38) Benzo(a)pyrene	23.63	252	76897	1.52	ng	97
39) Dibenzo(a,h)anthracene	26.33	278	78028	1.58	ng	97
40) Benzo(g,h,i)perylene	27.09	276	78500	1.53	ng	96

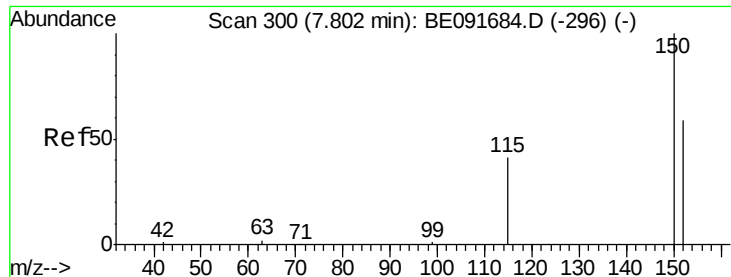
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
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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: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

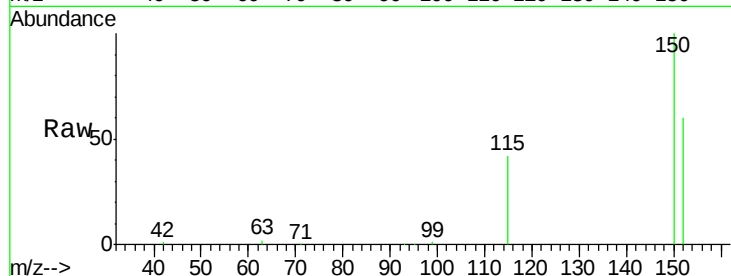
Tot Ion:152 Resp: 34556

Ion Ratio Lower Upper

152 100

150 166.5 122.6 183.8

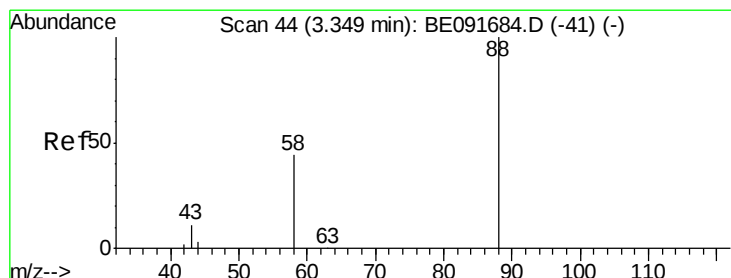
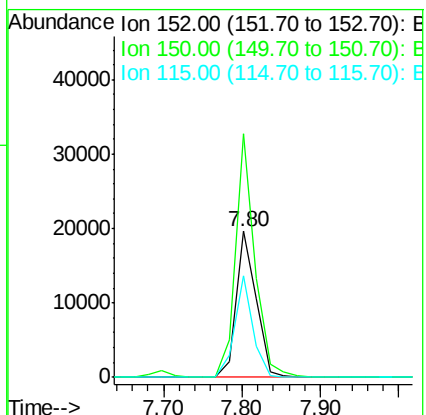
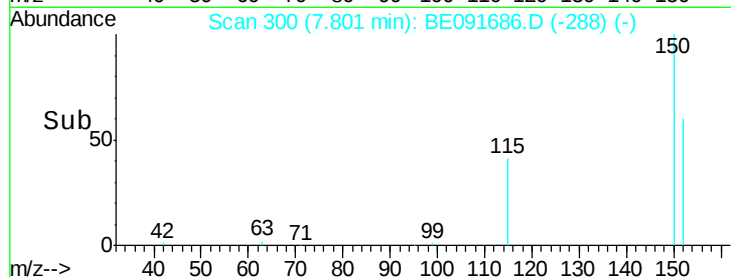
115 69.1 52.8 79.2



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: 1.32 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

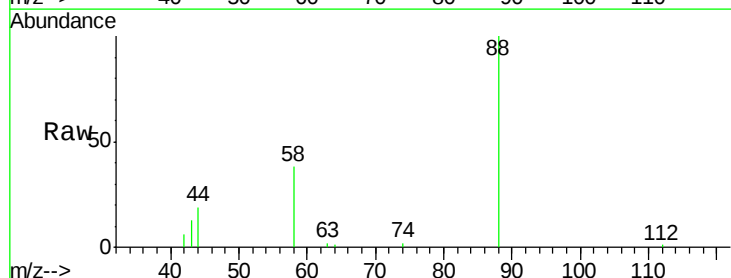
Tgt Ion: 88 Resp: 5905

Ion Ratio Lower Upper

88 100

58 86.3 65.8 98.6

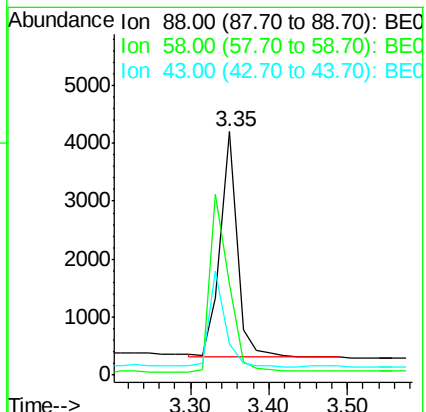
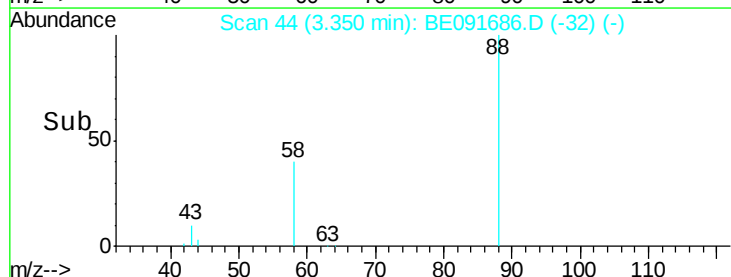
43 38.7 25.3 37.9#

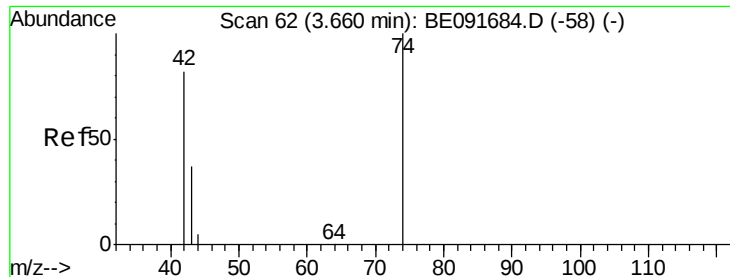


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.58 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

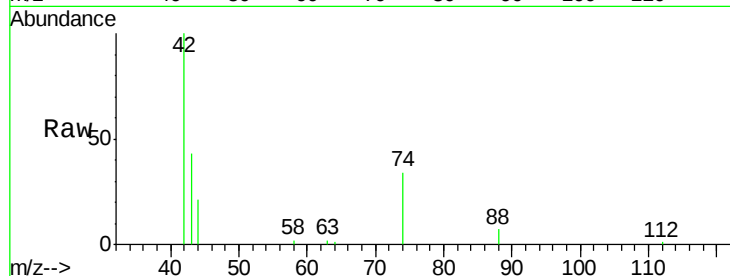
Tot Ion: 42 Resp: 7813

Ion Ratio Lower Upper

42 100

74 93.7 87.9 131.9

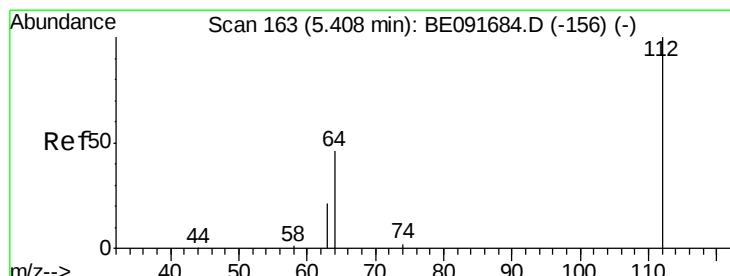
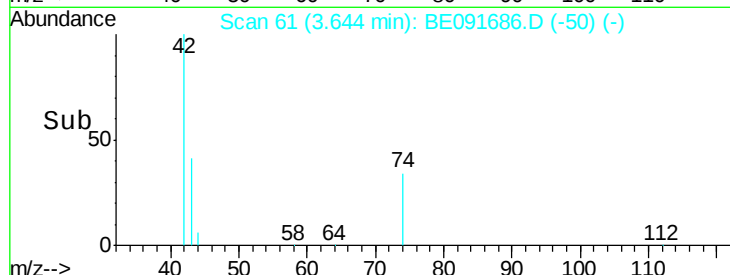
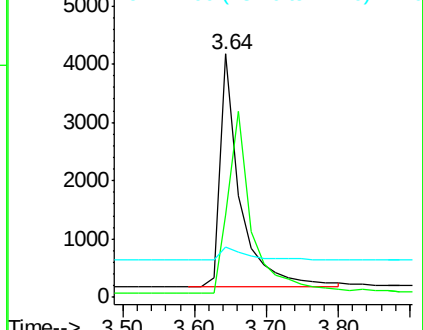
44 7.5 6.6 9.8



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: 1.48 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

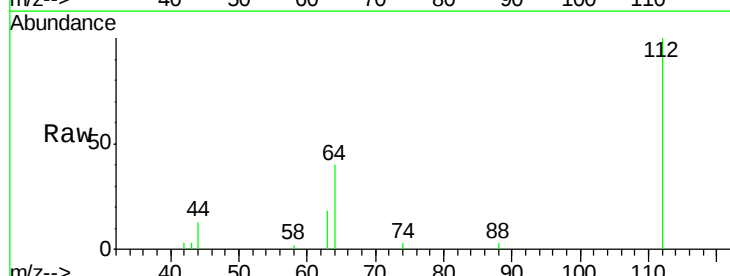
Tgt Ion: 112 Resp: 11155

Ion Ratio Lower Upper

112 100

64 68.0 30.9 46.3#

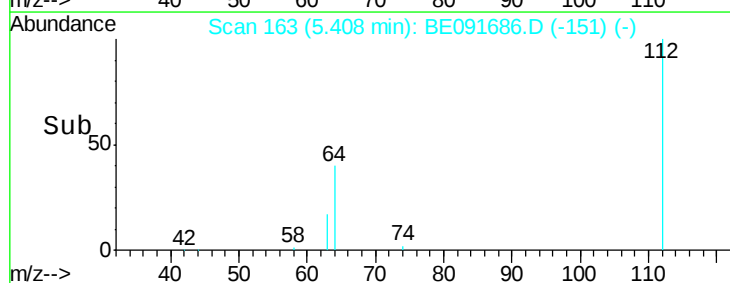
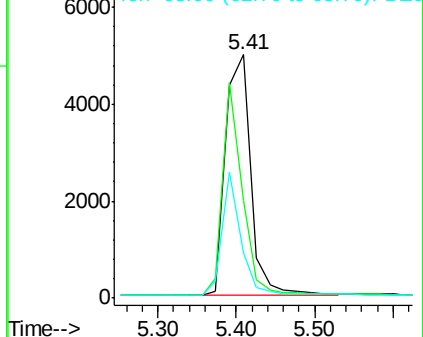
63 37.6 16.7 25.1#

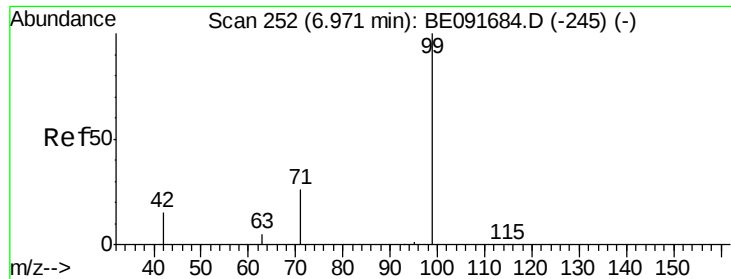


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.53 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

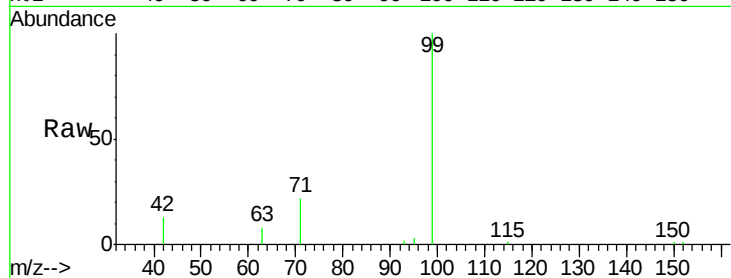
Instrument :

BNA_E

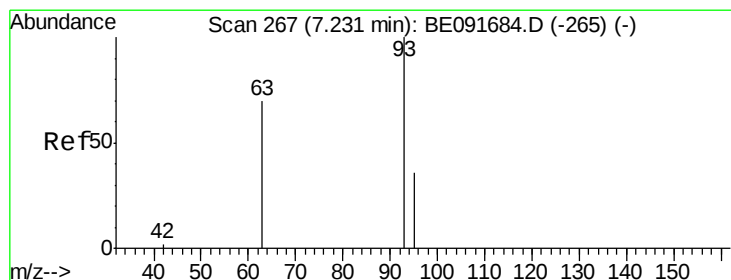
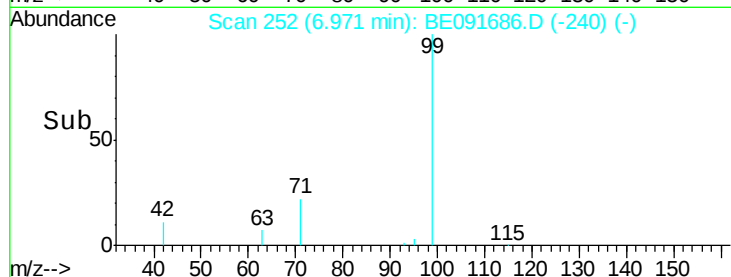
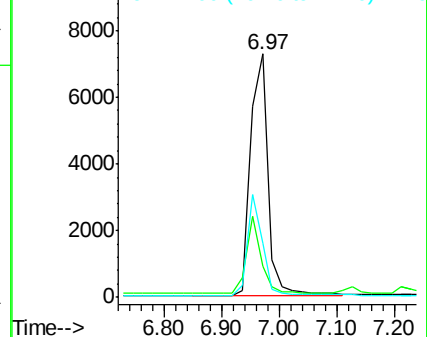
ClientSampled :

Tot Ion: 99 Resp: 15516

Ion	Ratio	Lower	Upper
99	100		
42	26.8	16.2	24.2#
71	35.6	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: 1.51 ng

RT: 7.23 min Scan# 267

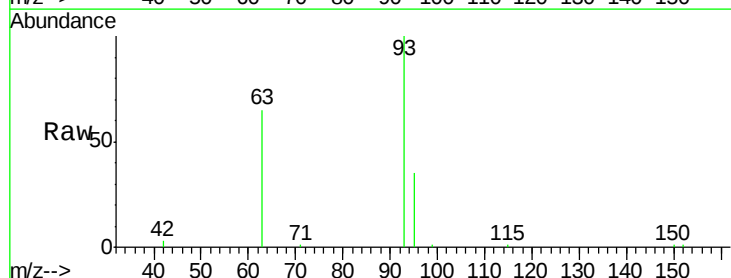
Delta R.T. -0.00 min

Lab File: BE091686.D

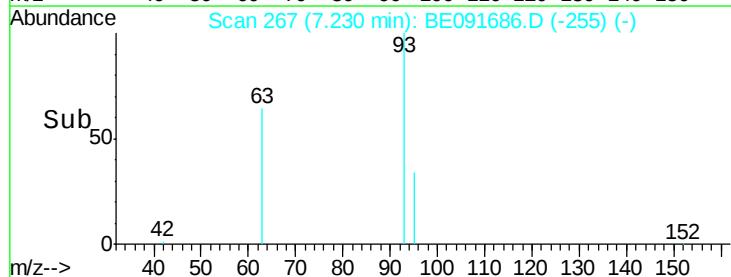
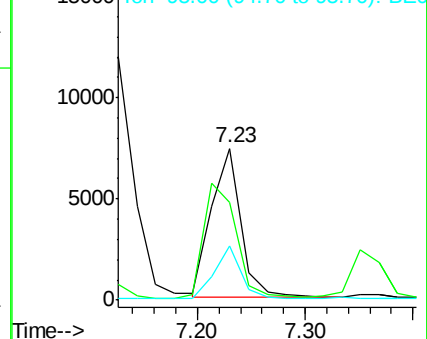
Acq: 20 Apr 2016 15:43

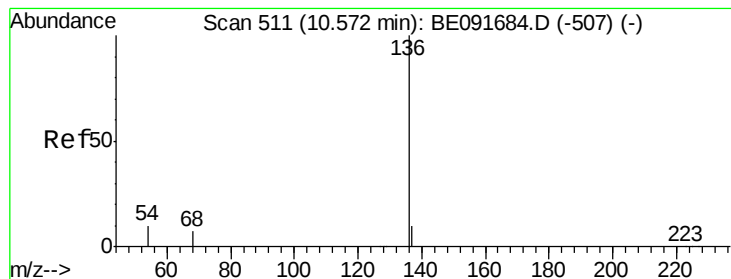
Tgt Ion: 93 Resp: 14041

Ion	Ratio	Lower	Upper
93	100		
63	86.0	49.5	74.3#
95	32.2	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: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 168468

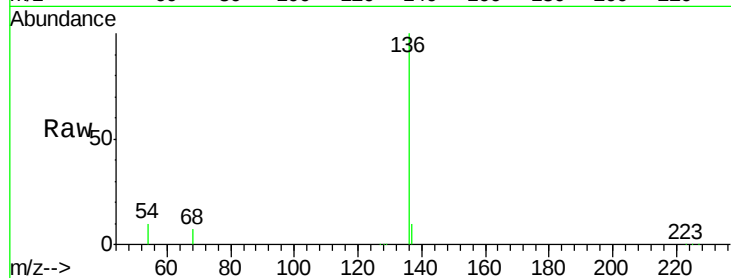
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.9 8.2 12.4

68 6.8 6.2 9.4

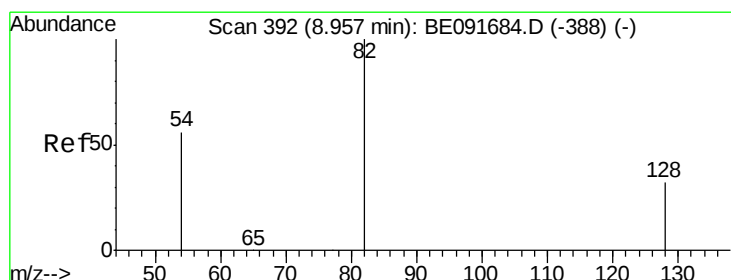
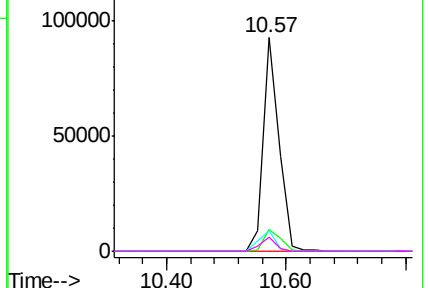
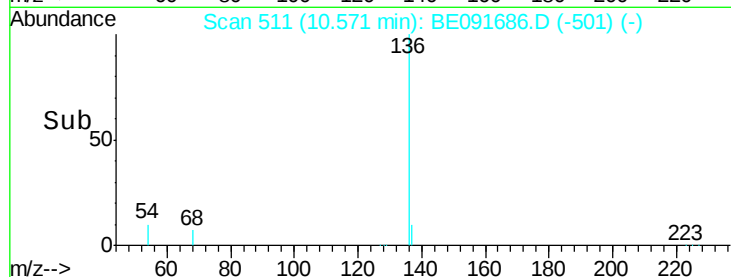


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.55 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

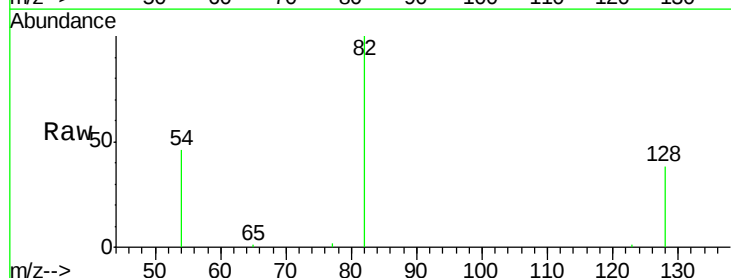
Tgt Ion: 82 Resp: 13415

Ion Ratio Lower Upper

82 100

128 37.8 25.4 38.0

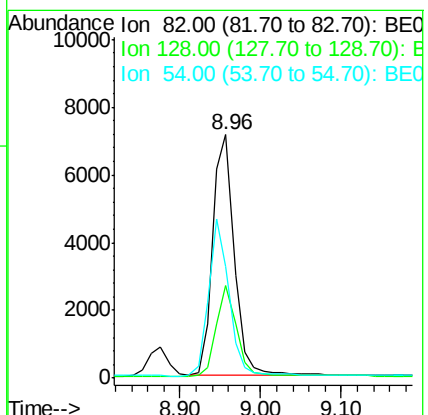
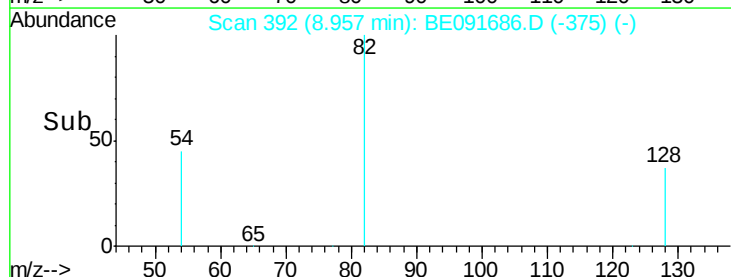
54 45.8 48.4 72.6#

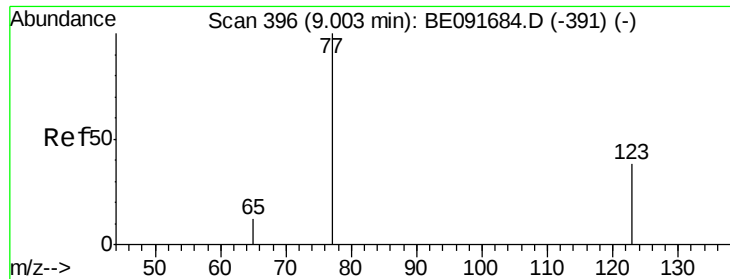


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.62 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

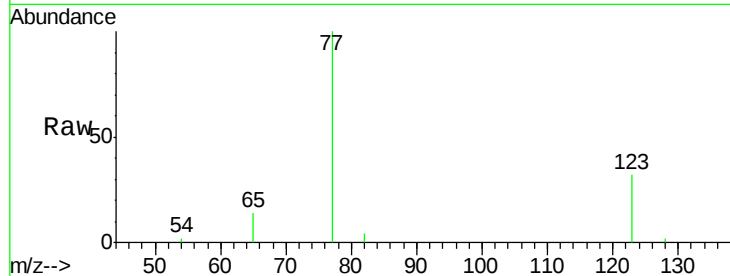
Tot Ion: 77 Resp: 14098

Ion Ratio Lower Upper

77 100

123 36.0 26.9 40.3

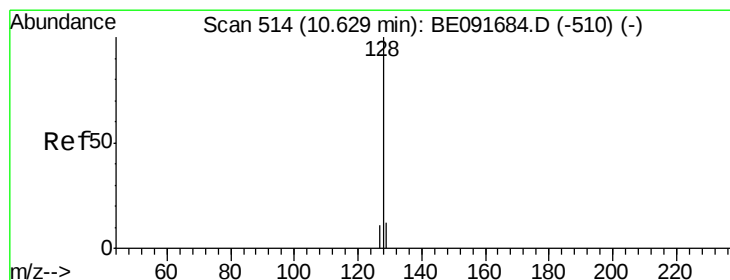
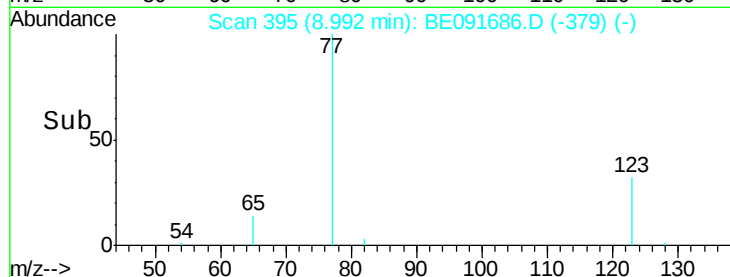
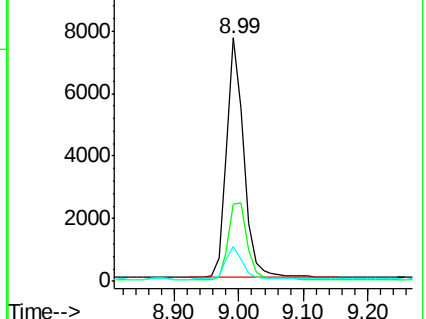
65 13.6 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091686.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091686.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091686.D (-391) (-)



#10

Naphthalene

Concen: 1.52 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

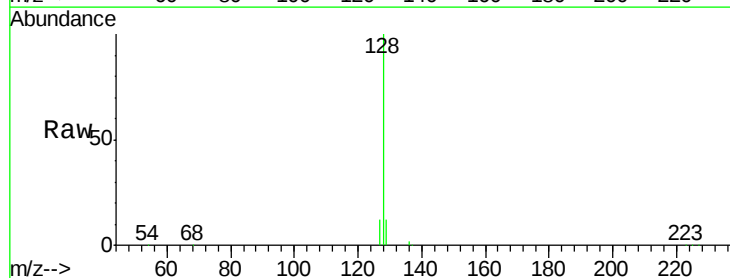
Tgt Ion: 128 Resp: 51980

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

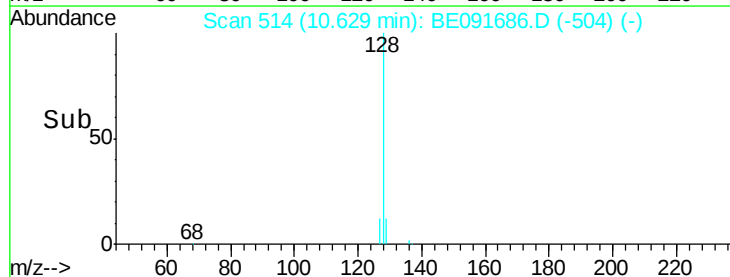
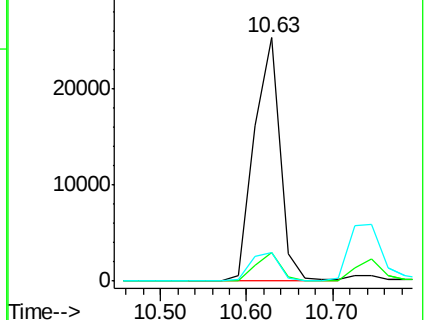
127 11.7 10.7 16.1

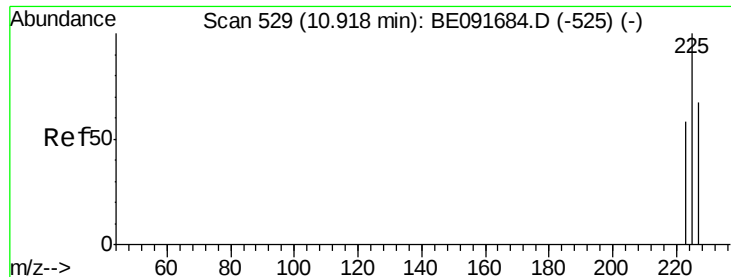


Abundance Ion 128.00 (127.70 to 128.70): BE091686.D (-510) (-)

Ion 129.00 (128.70 to 129.70): BE091686.D (-510) (-)

Ion 127.00 (126.70 to 127.70): BE091686.D (-510) (-)

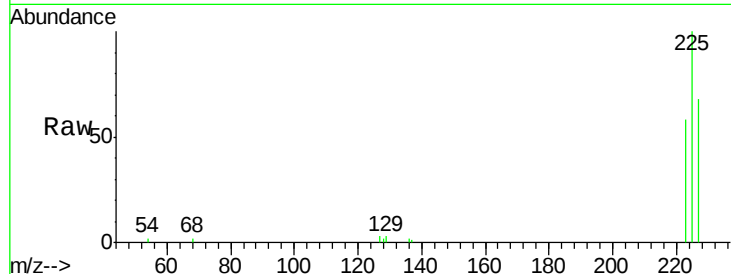




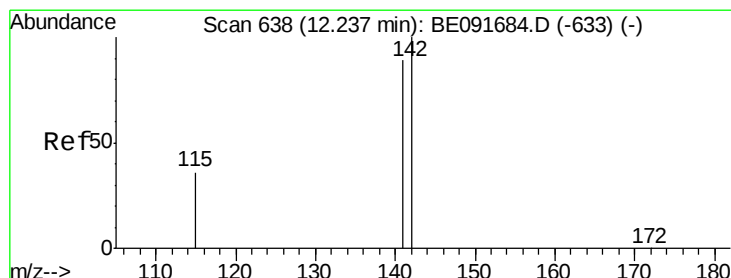
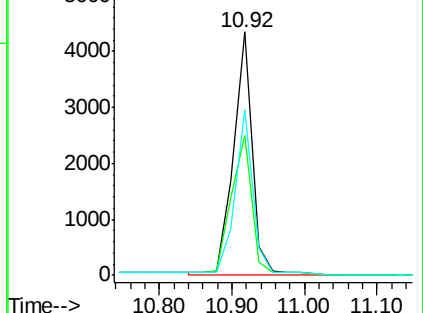
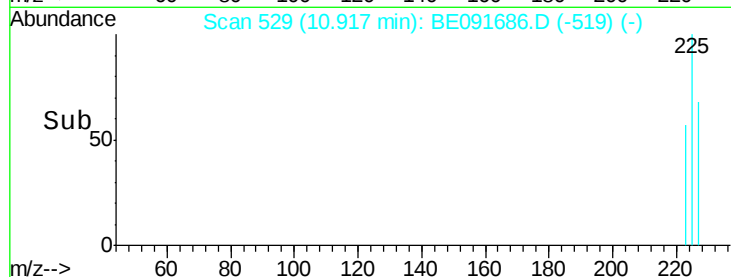
#11
Hexachlorobutadiene
Concen: 1.70 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 8433
Ion Ratio Lower Upper
225 100
223 64.6 49.0 73.6
227 66.1 50.3 75.5

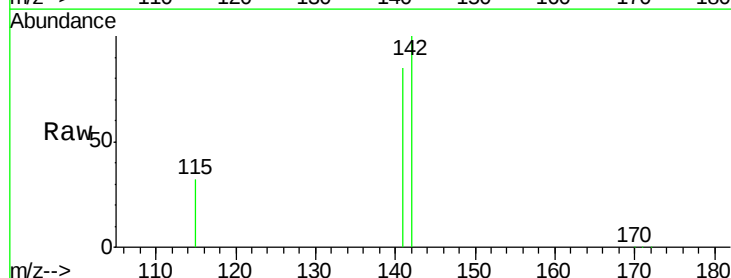


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

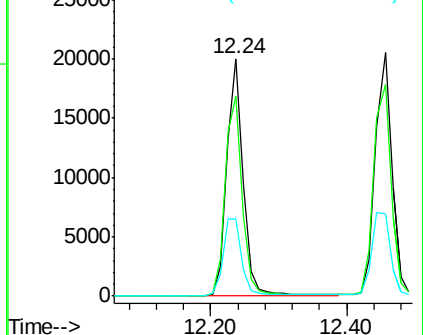
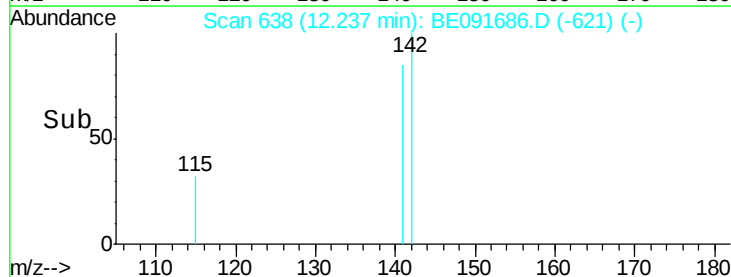


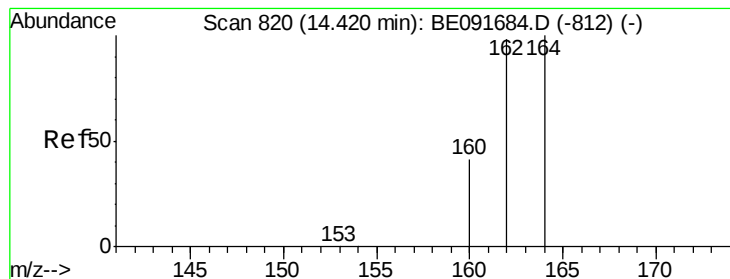
#12
2-Methylnaphthalene
Concen: 1.54 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Tgt Ion:142 Resp: 33678
Ion Ratio Lower Upper
142 100
141 84.5 71.4 107.0
115 32.3 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: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

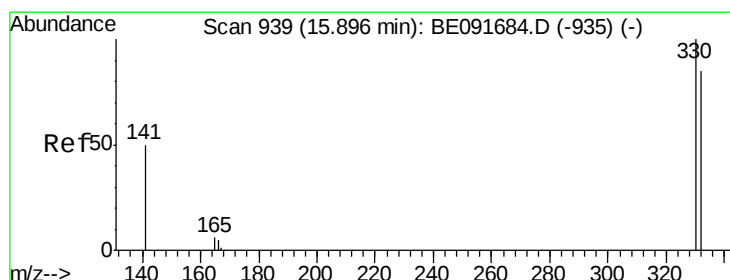
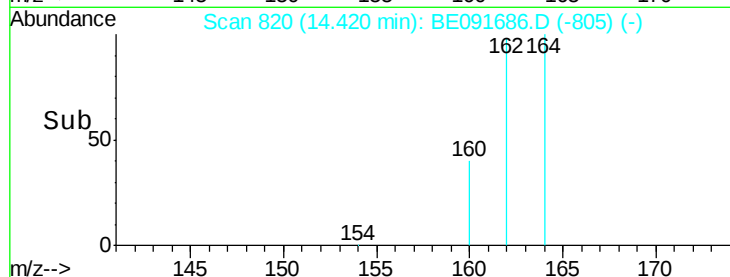
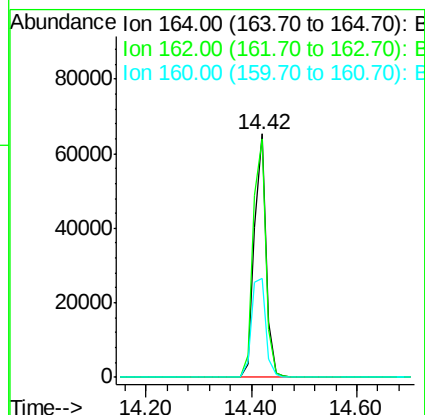
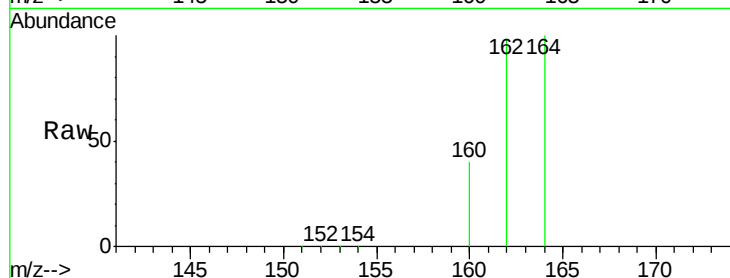
Tot Ion:164 Resp: 102117

Ion Ratio Lower Upper

164 100

162 97.8 85.3 127.9

160 40.4 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 2.43 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

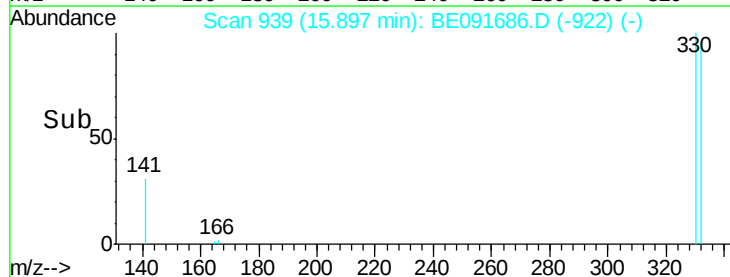
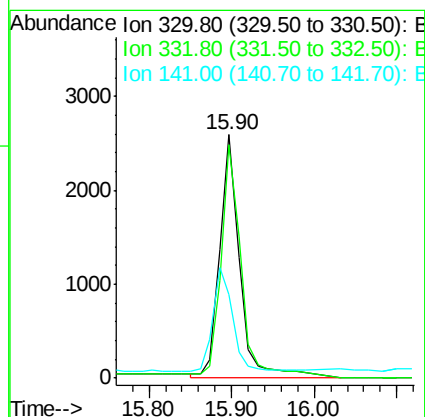
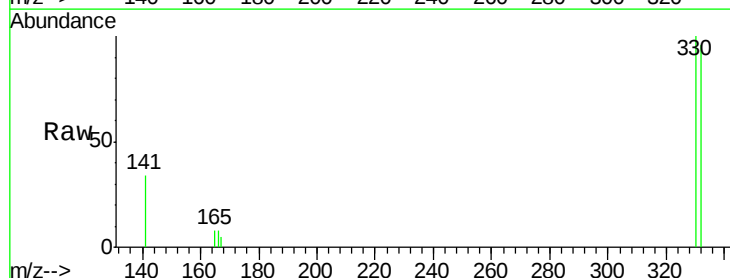
Tgt Ion:330 Resp: 5243

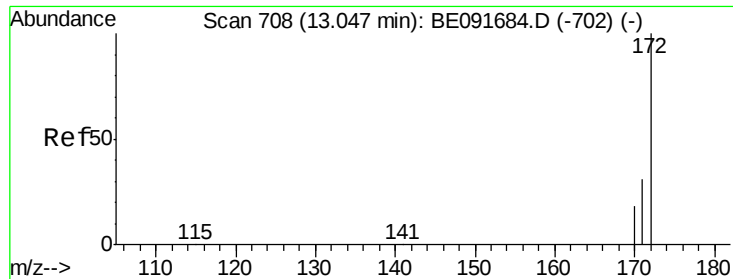
Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 34.2 125.4 188.0#

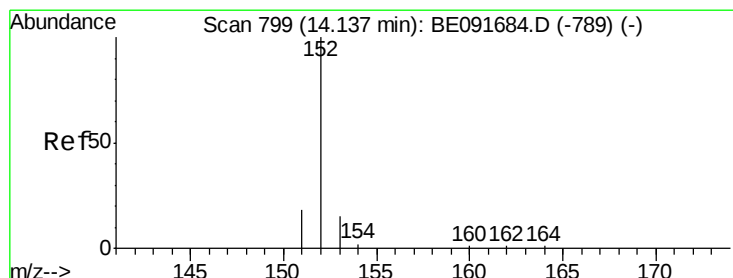
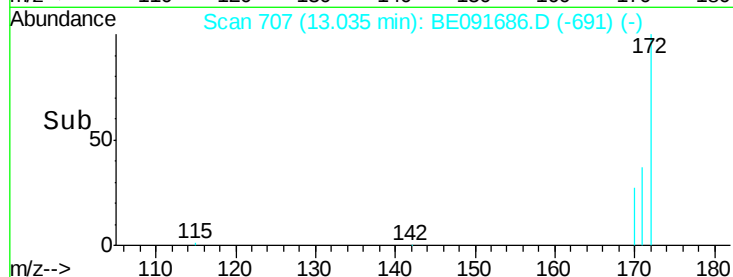
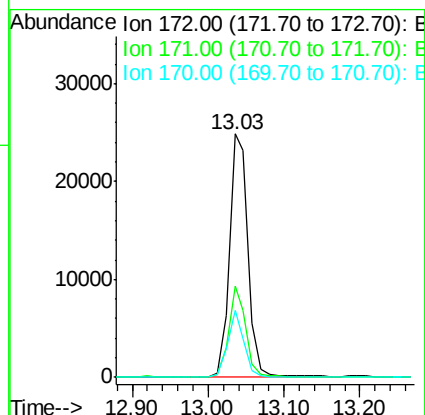
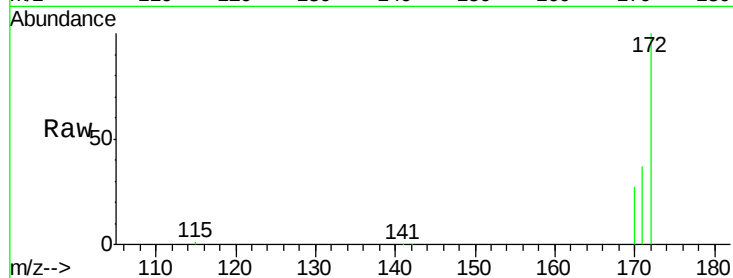




#15
2-Fluorobiphenyl
Concen: 1.51 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.01 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

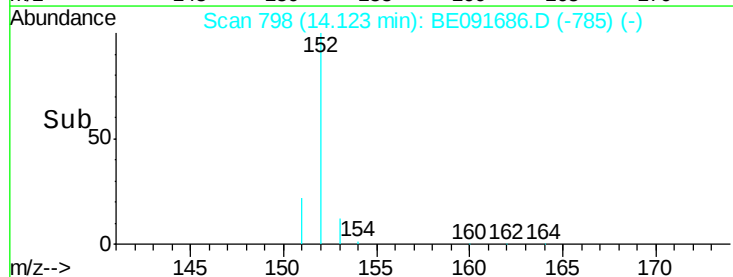
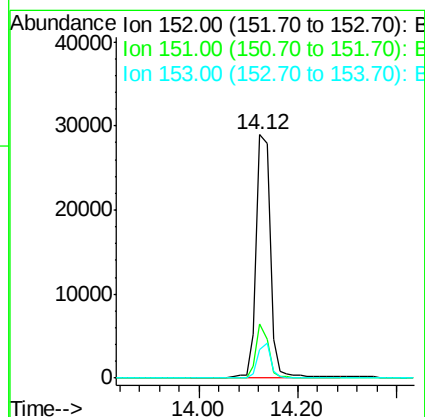
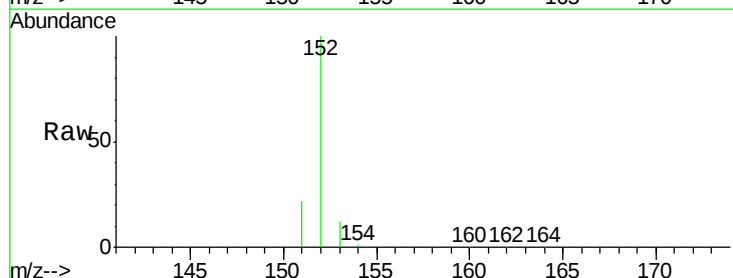
Instrument :
BNA_E
ClientSampleId :

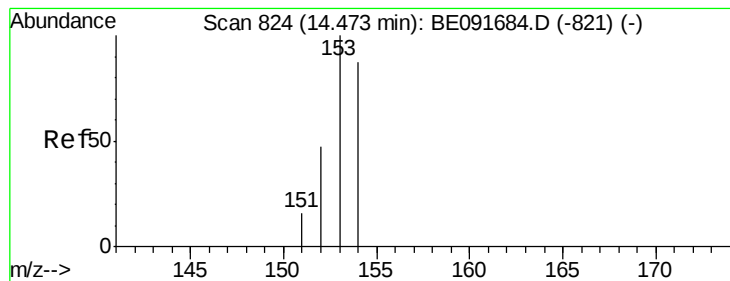
Tot Ion:172 Resp: 42838
Ion Ratio Lower Upper
172 100
171 37.5 28.8 43.2
170 27.4 19.3 28.9



#16
Acenaphthylene
Concen: 1.63 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.01 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Tgt Ion:152 Resp: 61100
Ion Ratio Lower Upper
152 100
151 20.6 3.9 5.9#
153 14.4 10.3 15.5





#17

Acenaphthene

Concen: 1.55 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

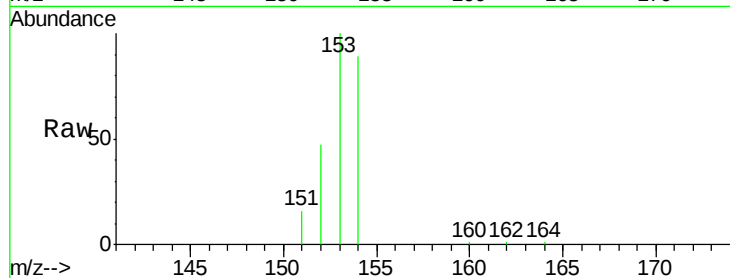
Tot Ion:154 Resp: 38983

Ion Ratio Lower Upper

154 100

153 112.3 80.0 120.0

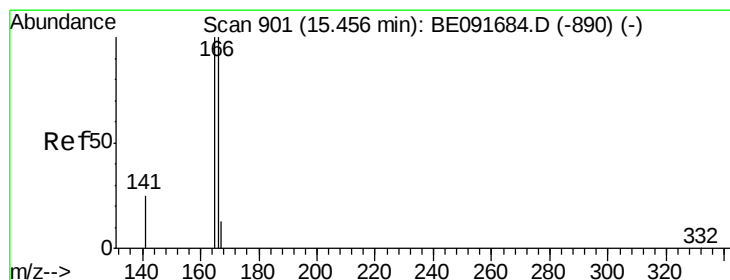
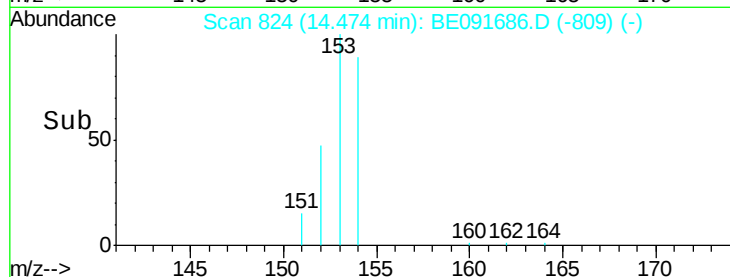
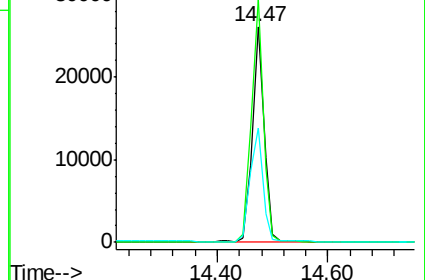
152 55.6 40.0 60.0



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: 1.57 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

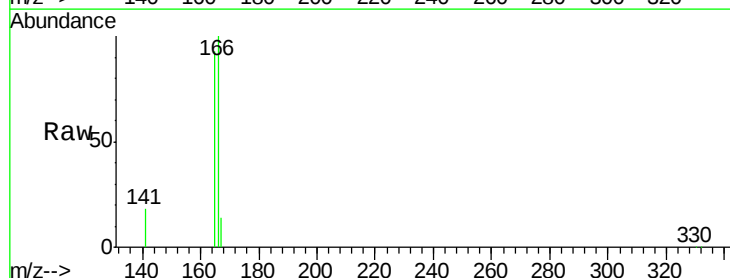
Tgt Ion:166 Resp: 48314

Ion Ratio Lower Upper

166 100

165 99.3 80.8 121.2

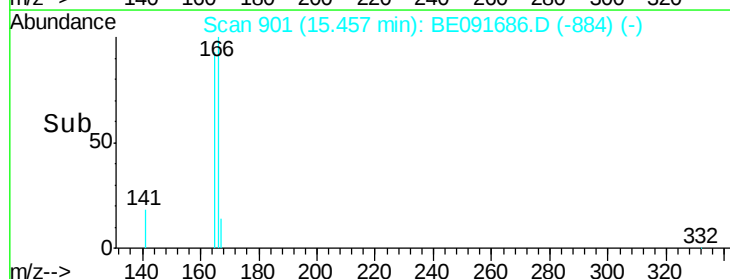
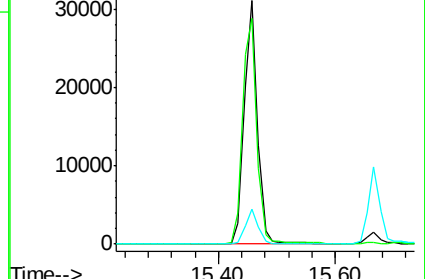
167 13.5 10.9 16.3

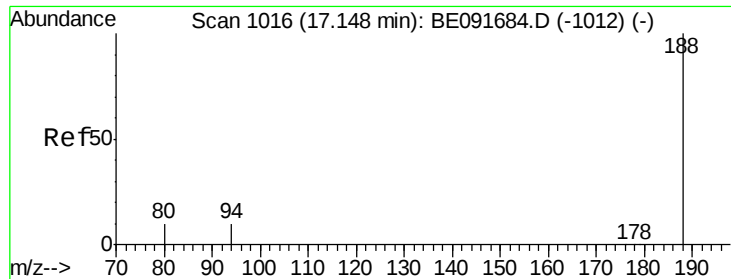


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

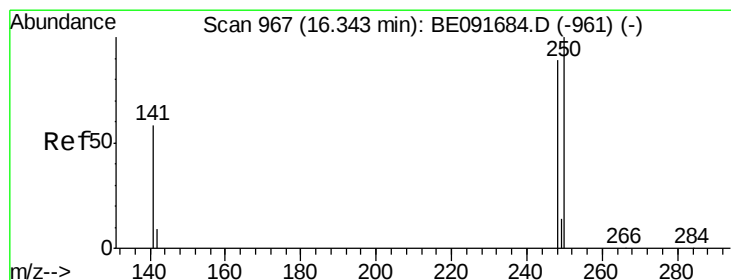
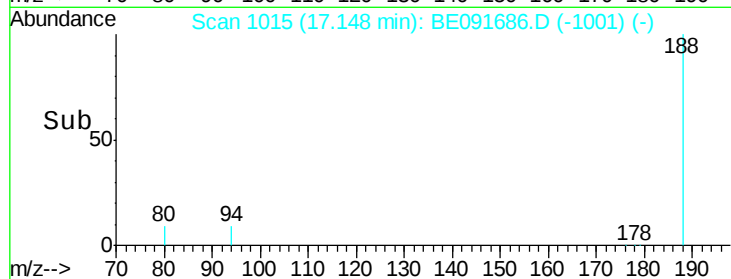
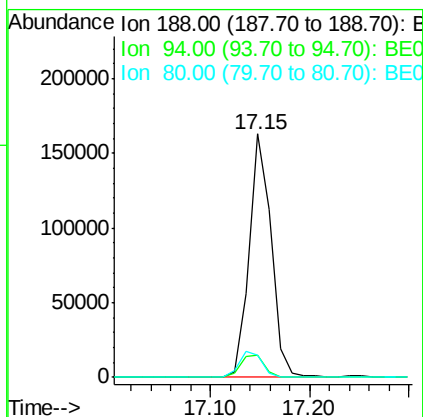
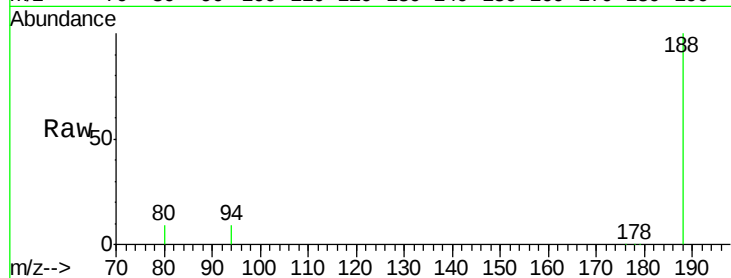




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

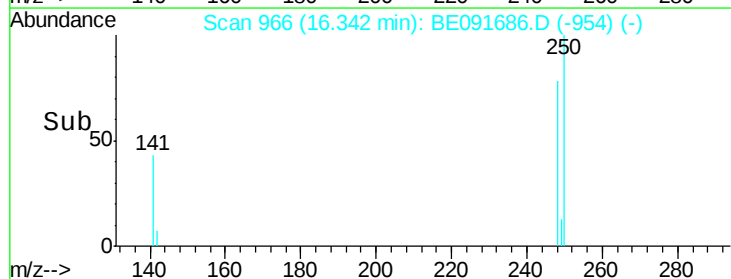
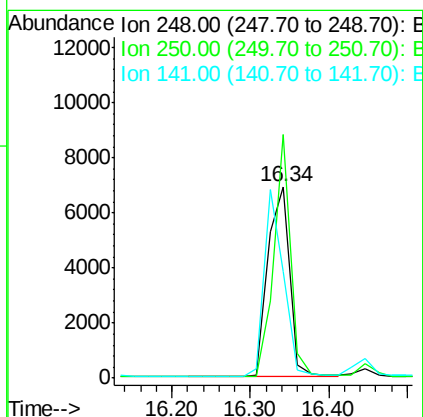
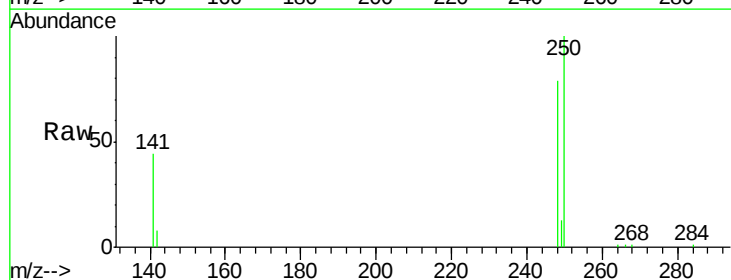
Instrument :
BNA_E
ClientSampleId :

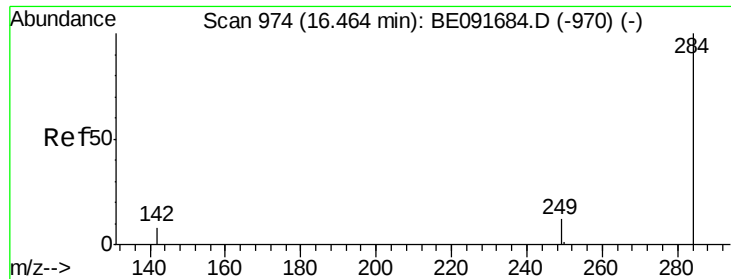
Tot Ion:188 Resp: 249068
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 9.1 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 1.54 ng
RT: 16.34 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Tgt Ion:248 Resp: 13318
Ion Ratio Lower Upper
248 100
250 98.3 80.5 120.7
141 87.2 72.0 108.0

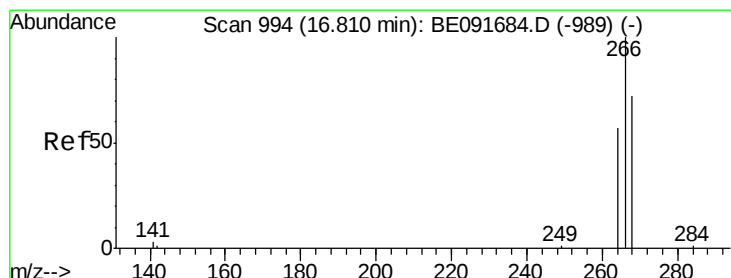
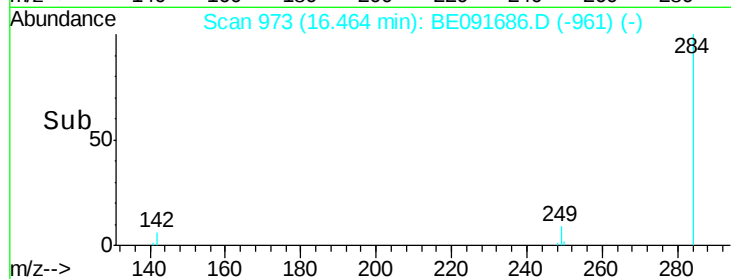
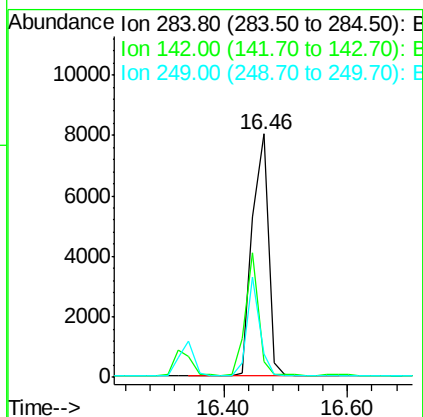
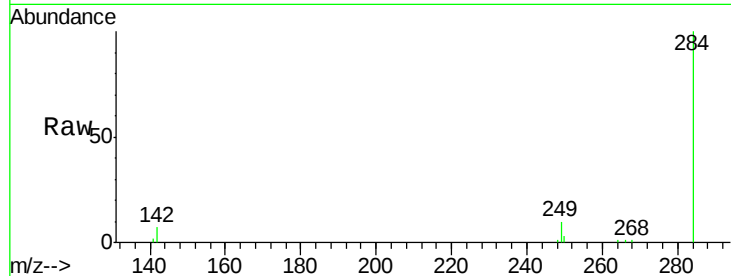




#21
Hexachlorobenzene
Concen: 1.58 ng
RT: 16.46 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

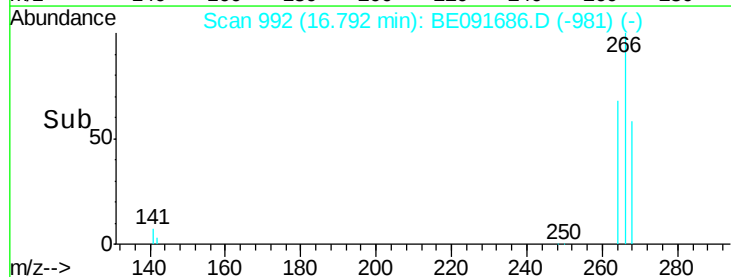
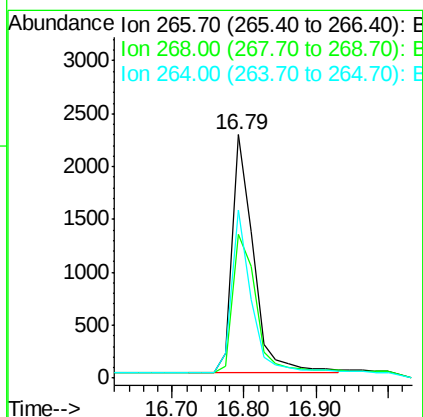
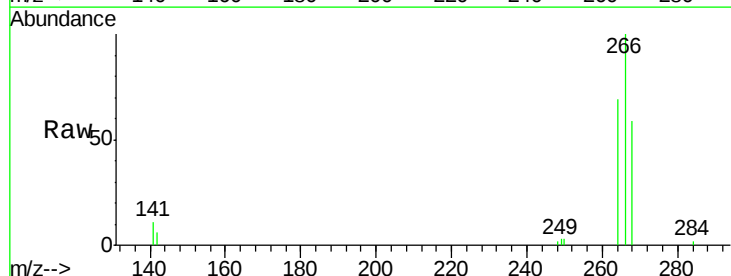
Instrument :
BNA_E
ClientSampleId :

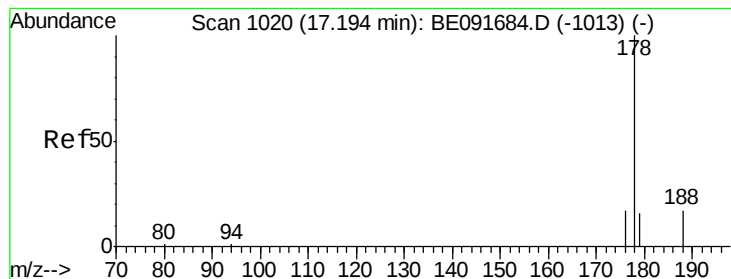
Tot Ion:284 Resp: 14434
Ion Ratio Lower Upper
284 100
142 41.5 32.2 48.2
249 32.0 25.4 38.2



#22
Pentachlorophenol
Concen: 1.50 ng
RT: 16.79 min Scan# 992
Delta R.T. -0.02 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Tgt Ion:266 Resp: 4564
Ion Ratio Lower Upper
266 100
268 59.1 58.2 87.2
264 68.9 56.2 84.4





#23

Phenanthrene

Concen: 1.55 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampled :

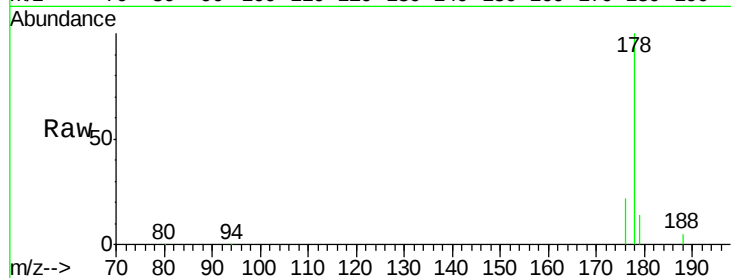
Tot Ion:178 Resp: 87932

Ion Ratio Lower Upper

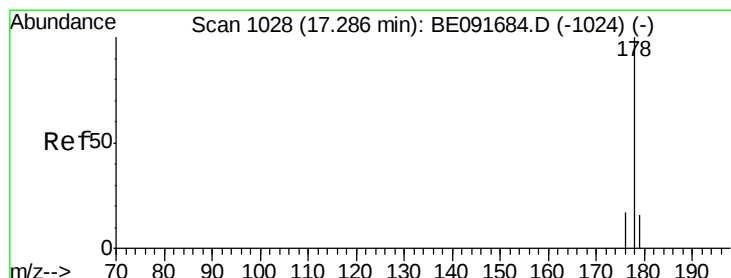
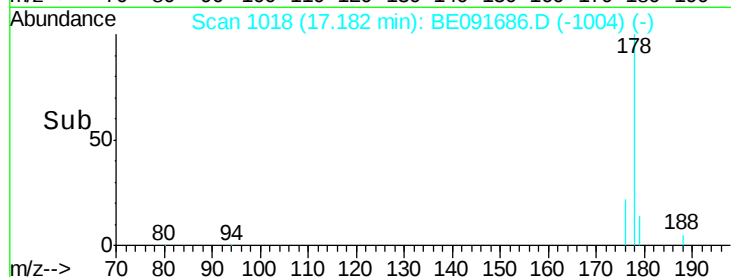
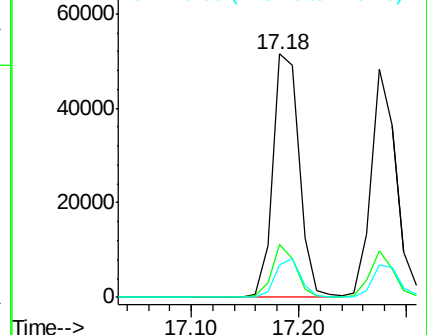
178 100

176 19.4 15.3 22.9

179 15.4 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: 1.57 ng

RT: 17.27 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

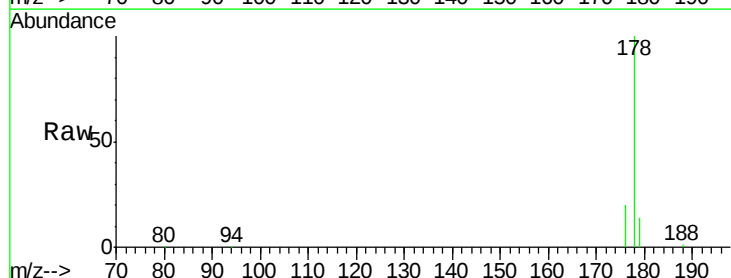
Tgt Ion:178 Resp: 78859

Ion Ratio Lower Upper

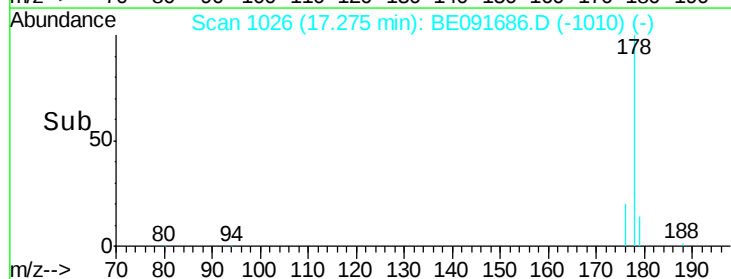
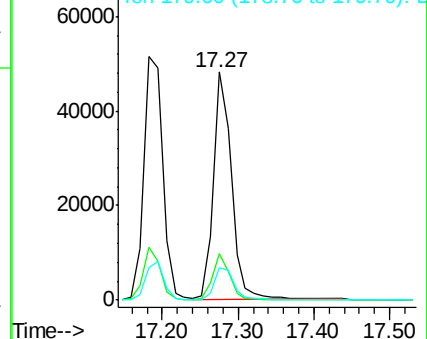
178 100

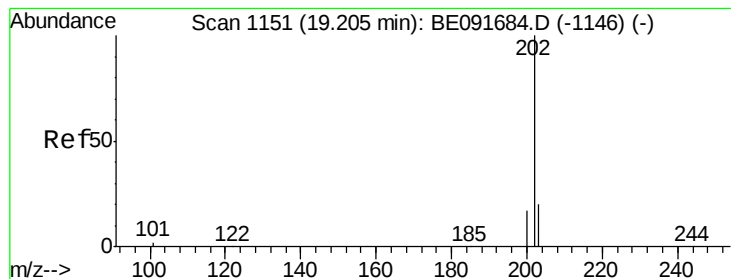
176 19.1 14.6 21.8

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: 1.53 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

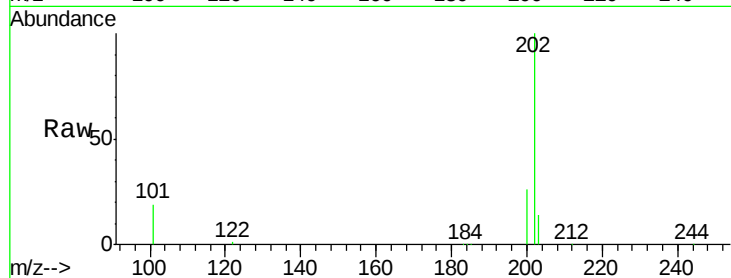
Tot Ion:202 Resp: 86185

Ion Ratio Lower Upper

202 100

101 11.9 11.0 16.6

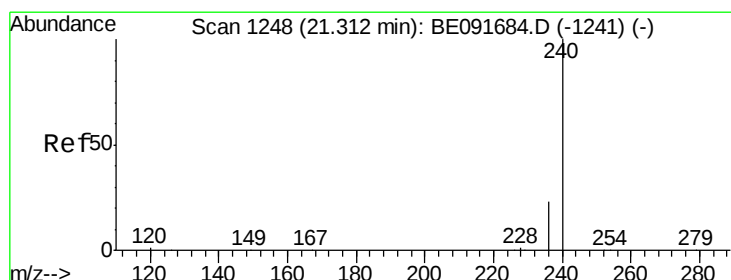
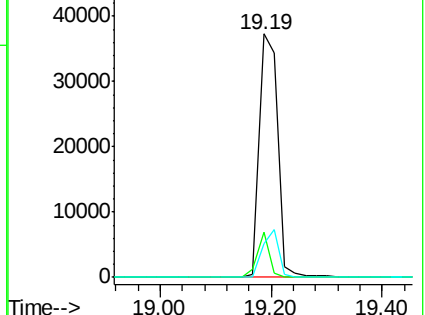
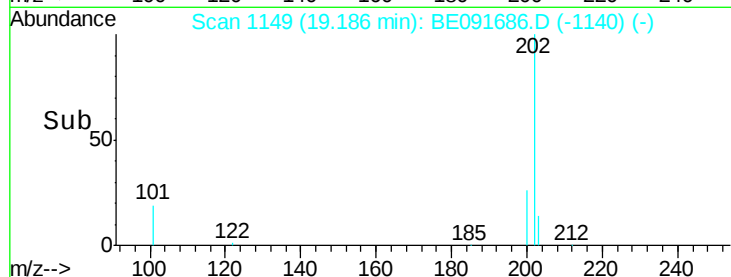
203 17.4 13.9 20.9



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# 1247

Delta R.T. -0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

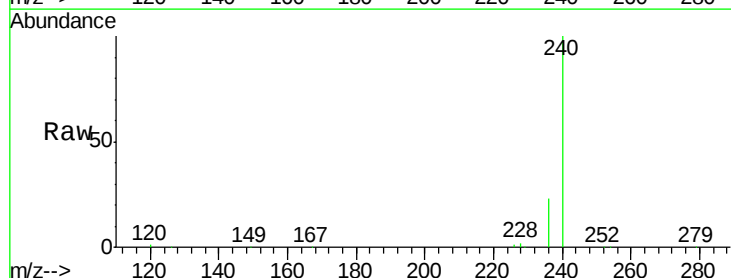
Tgt Ion:240 Resp: 268559

Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

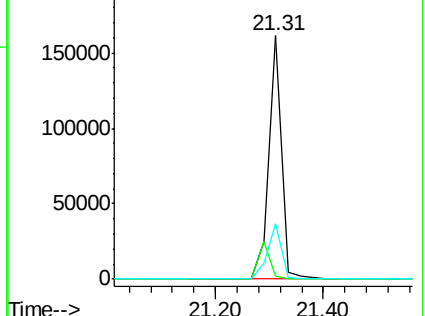
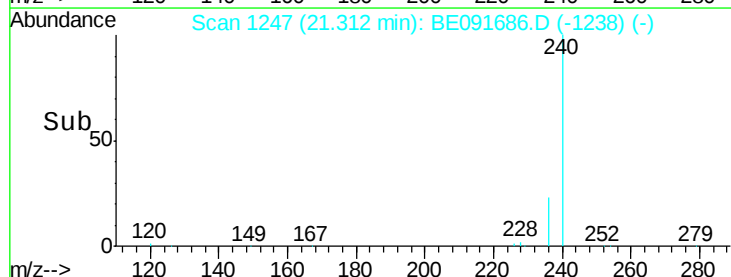
236 22.6 21.7 32.5

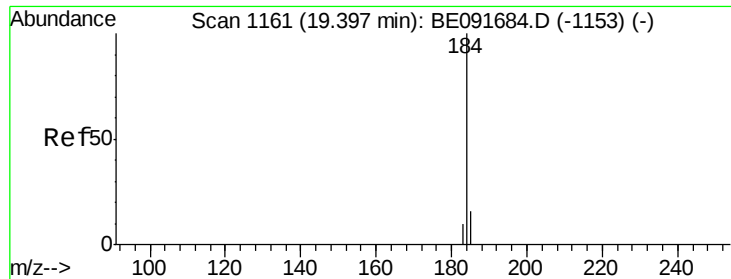


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.14 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

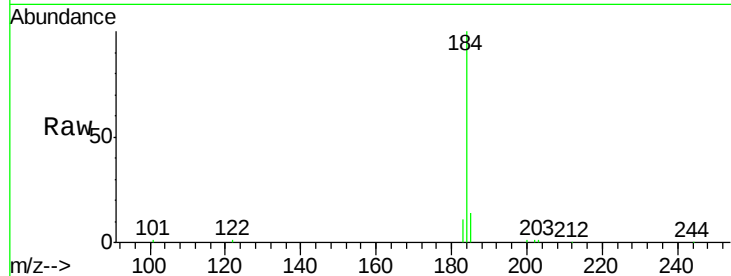
Tot Ion:184 Resp: 22248

Ion Ratio Lower Upper

184 100

185 13.9 22.3 33.5#

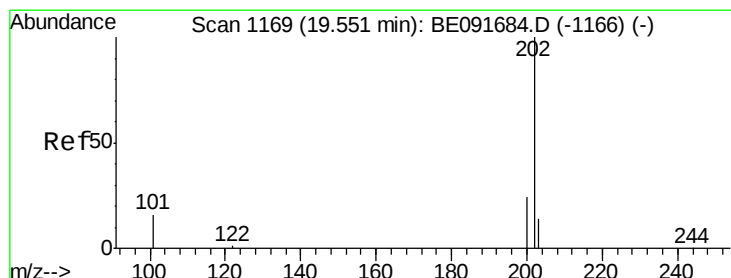
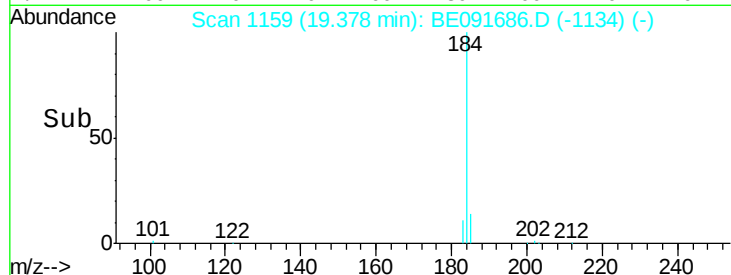
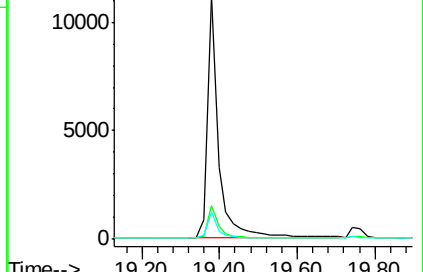
183 11.0 16.4 24.6#



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: 1.82 ng

RT: 19.55 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

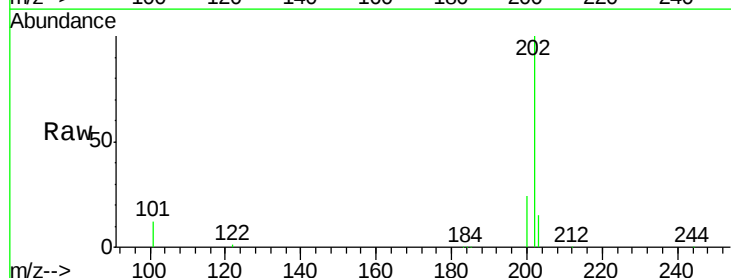
Tgt Ion:202 Resp: 97659

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

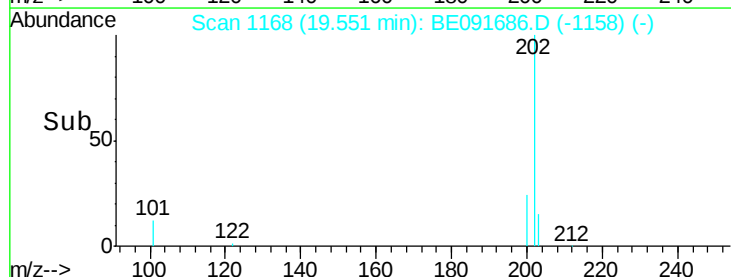
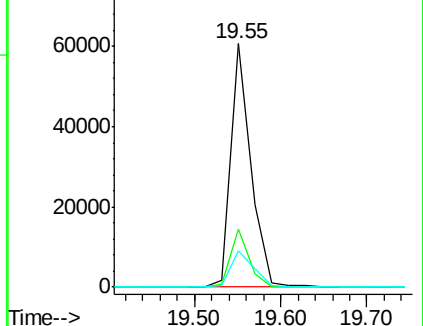
203 16.9 14.0 21.0

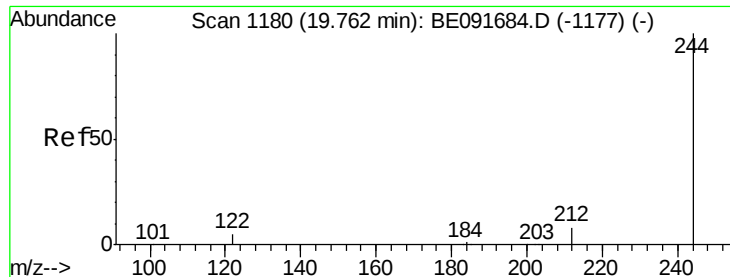


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.81 ng

RT: 19.76 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

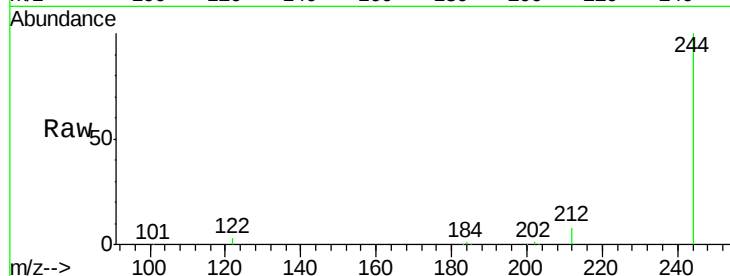
Tot Ion:244 Resp: 66377

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

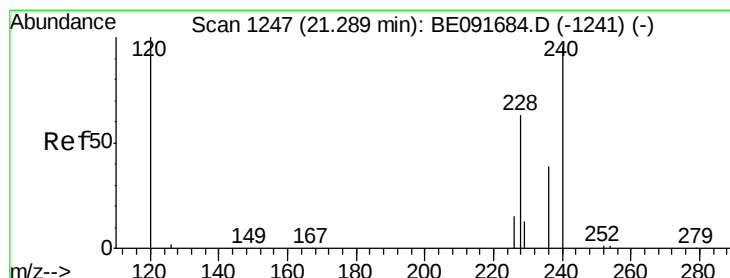
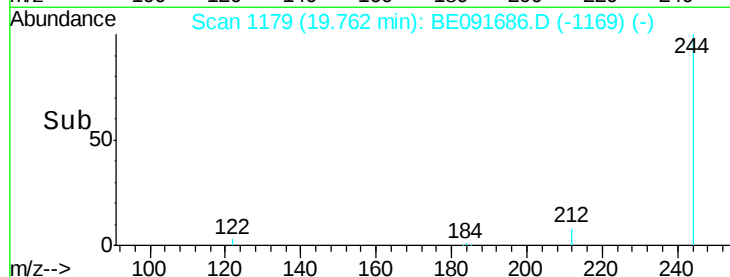
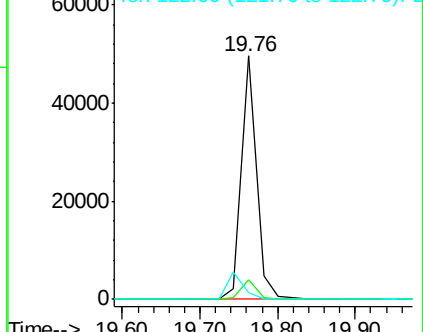
122 2.9 11.0 16.4#



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: 3.24 ng

RT: 21.33 min Scan# 1248

Delta R.T. 0.05 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

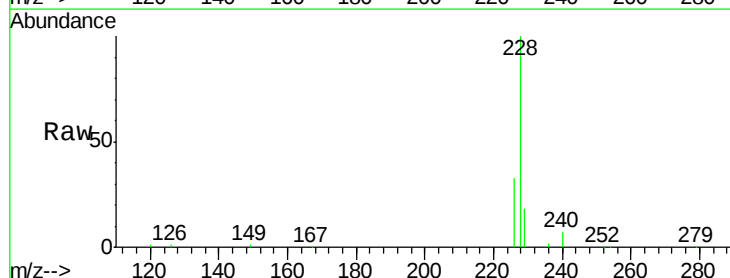
Tgt Ion:228 Resp: 202092

Ion Ratio Lower Upper

228 100

226 32.6 21.0 31.4#

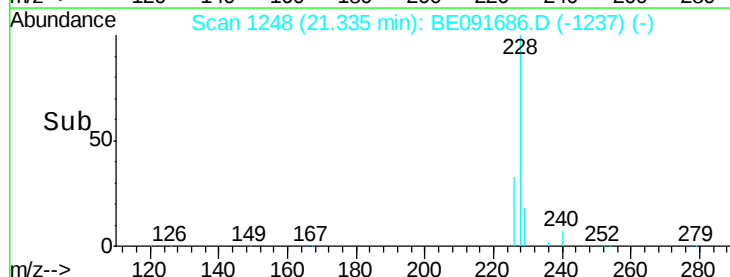
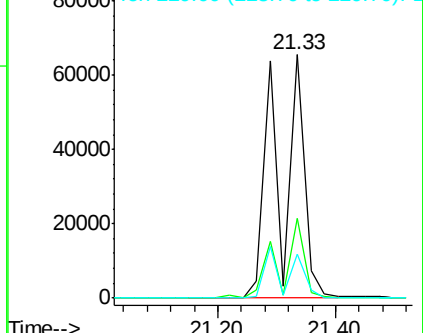
229 17.9 15.7 23.5

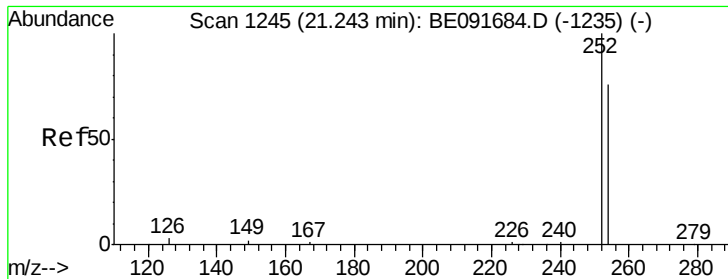


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

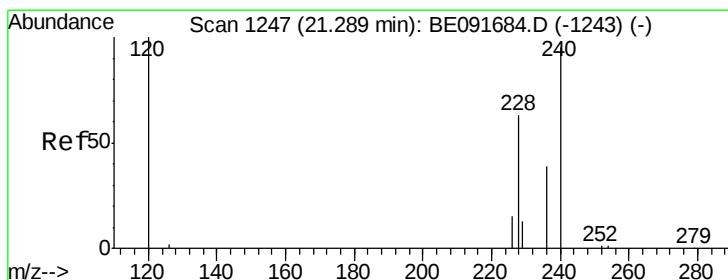
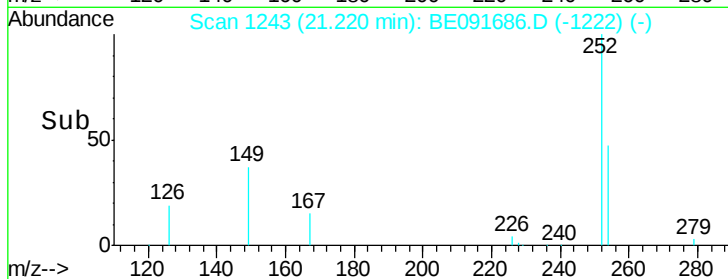
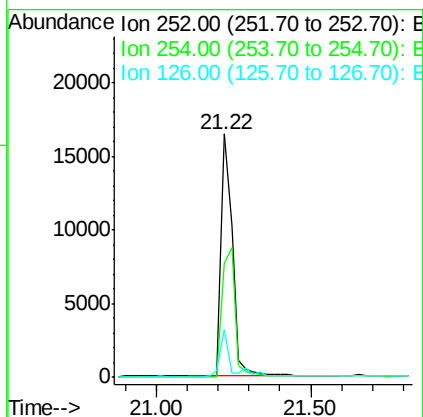
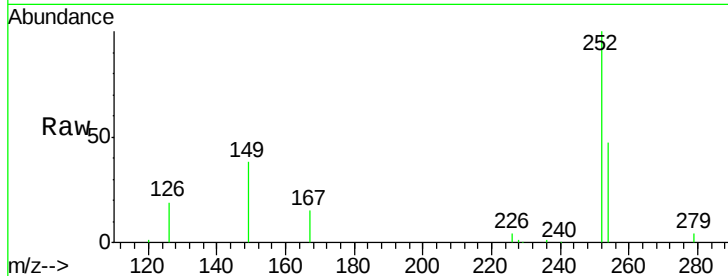




#31
 3,3'-Dichlorobenzidine
 Concen: 1.68 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091686.D
 Acq: 20 Apr 2016 15:43

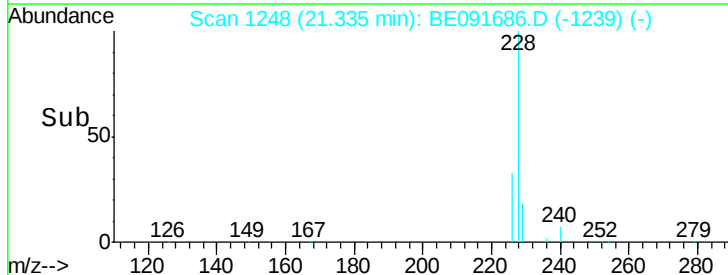
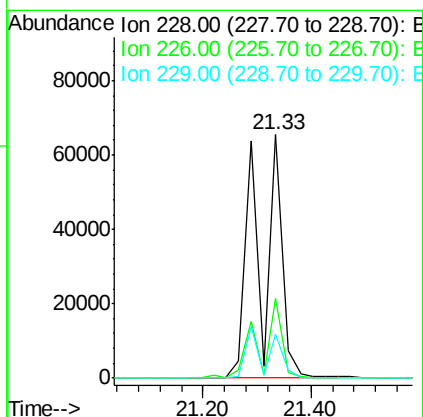
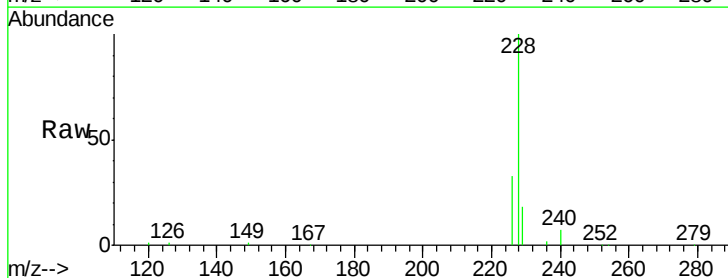
Instrument :
 BNA_E
 ClientSampled :

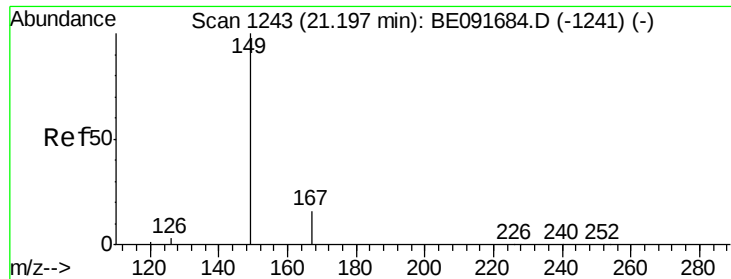
Tot Ion:252 Resp: 40870
 Ion Ratio Lower Upper
 252 100
 254 46.9 51.1 76.7#
 126 19.5 12.6 18.8#



#32
 Chrysene
 Concen: 3.21 ng
 RT: 21.33 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BE091686.D
 Acq: 20 Apr 2016 15:43

Tgt Ion:228 Resp: 203003
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.0 36.0
 229 17.9 15.9 23.9

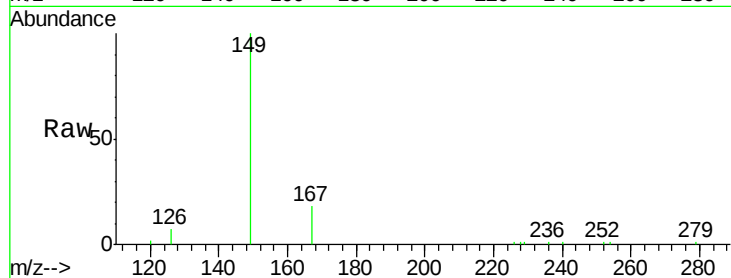




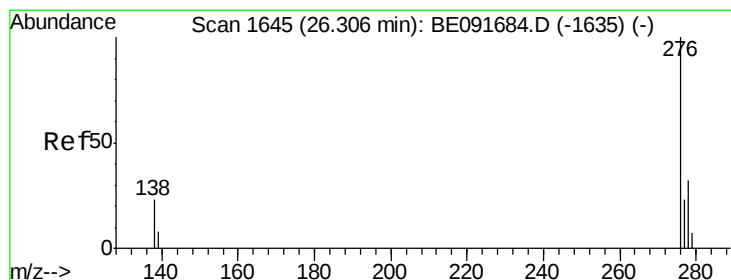
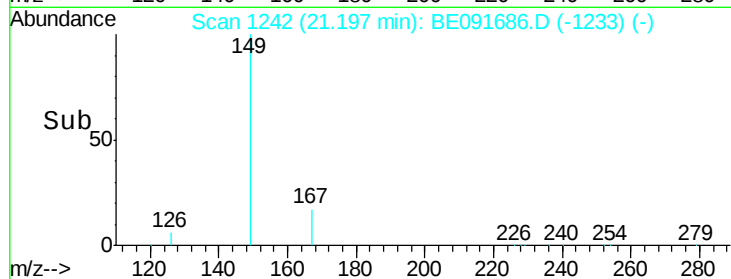
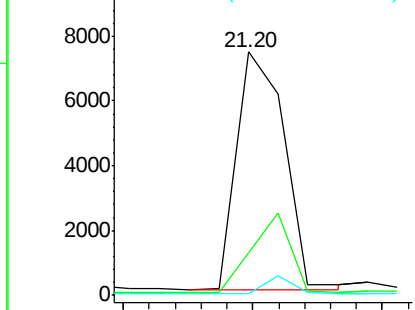
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.65 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BE091686.D
 Acq: 20 Apr 2016 15:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 18849
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#

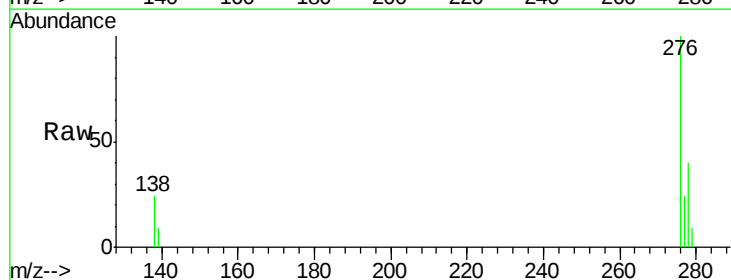


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

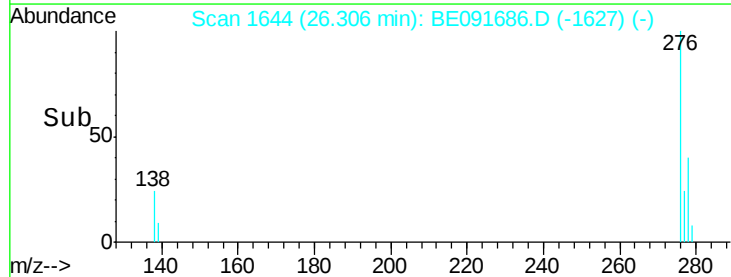
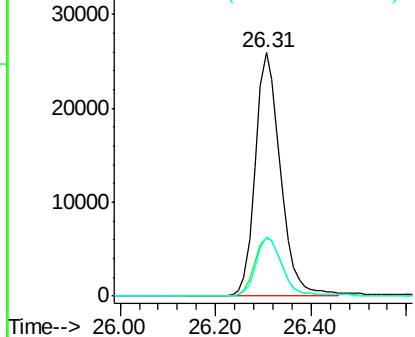


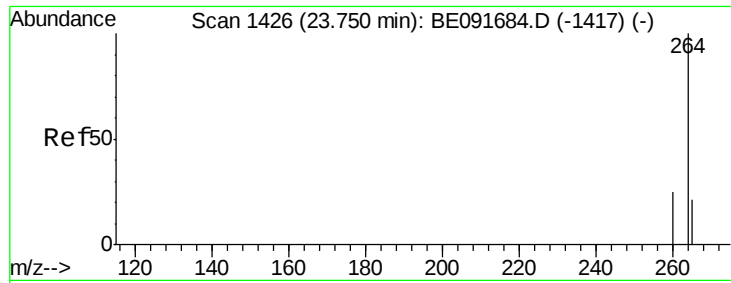
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 1.64 ng
 RT: 26.31 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BE091686.D
 Acq: 20 Apr 2016 15:43

Tgt Ion:276 Resp: 94029
 Ion Ratio Lower Upper
 276 100
 138 25.8 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

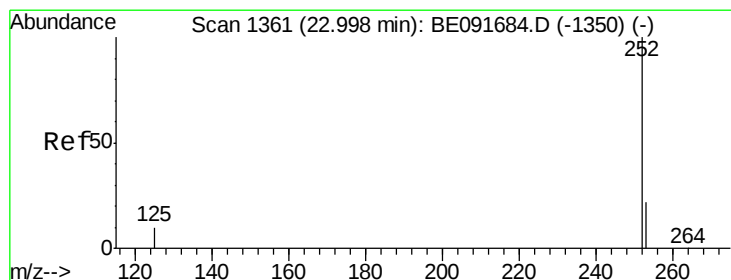
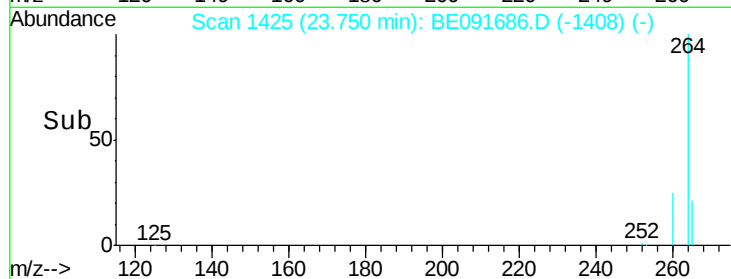
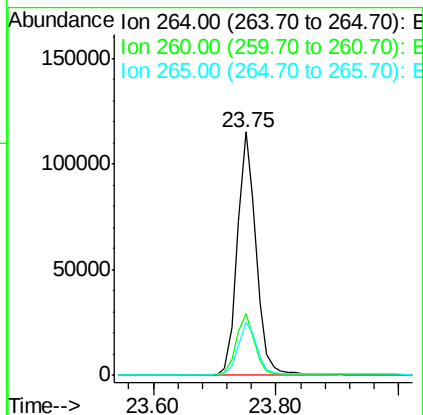
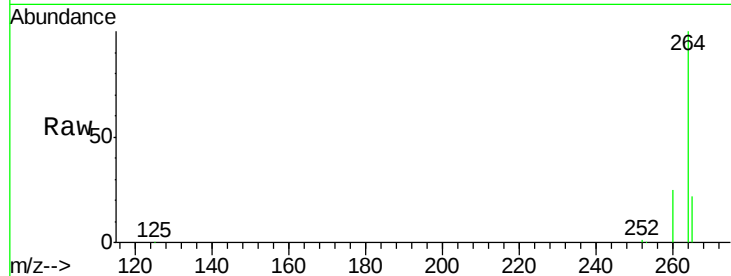




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

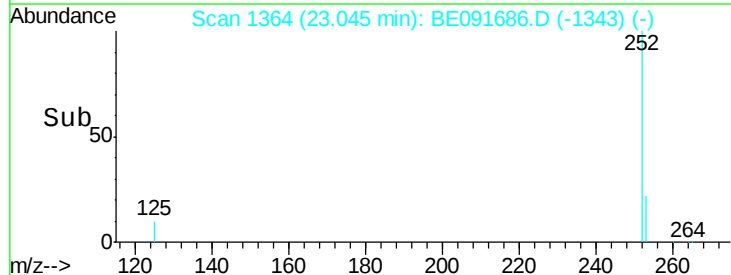
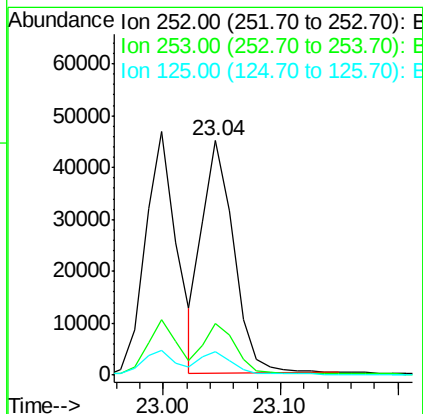
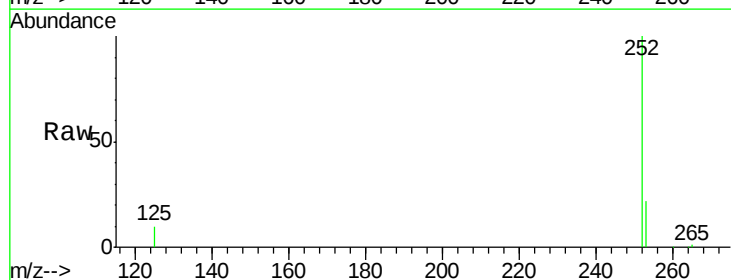
Instrument :
BNA_E
ClientSampleId :

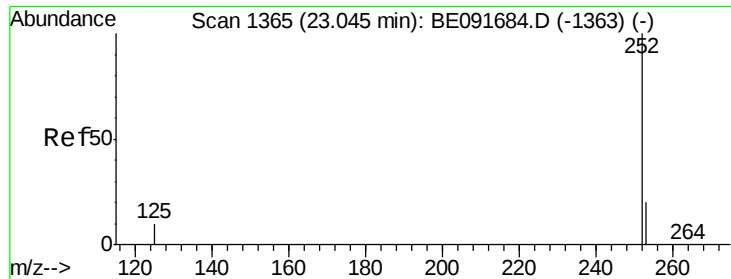
Tot Ion:264 Resp: 246112
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 21.5 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 1.55 ng
RT: 23.04 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Tgt Ion:252 Resp: 83737
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.2 10.2 15.2

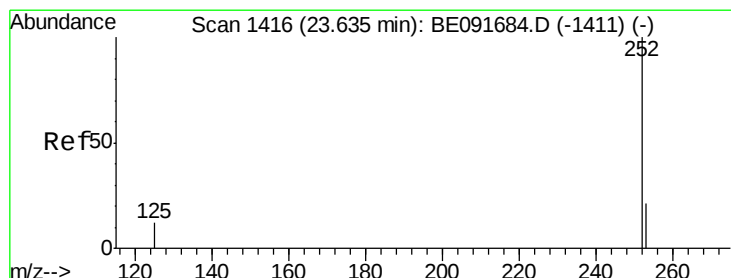
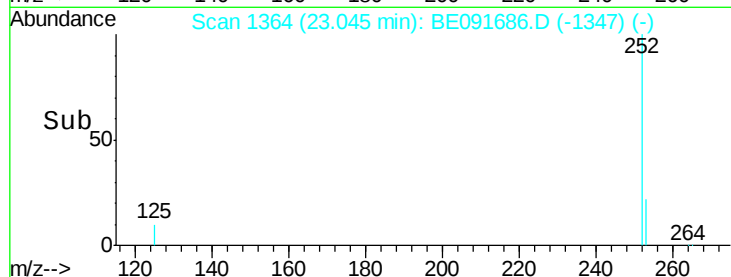
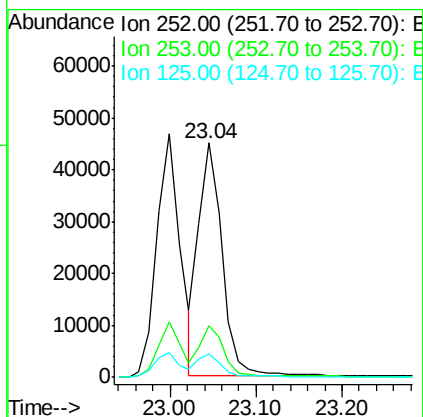
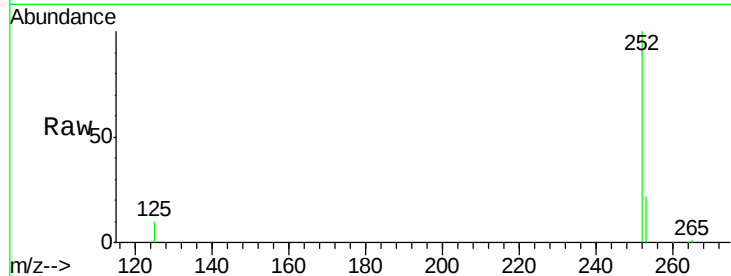




#37
Benzo(k)fluoranthene
Concen: 1.48 ng
RT: 23.04 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

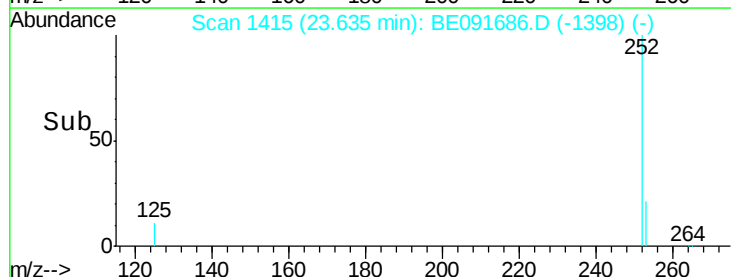
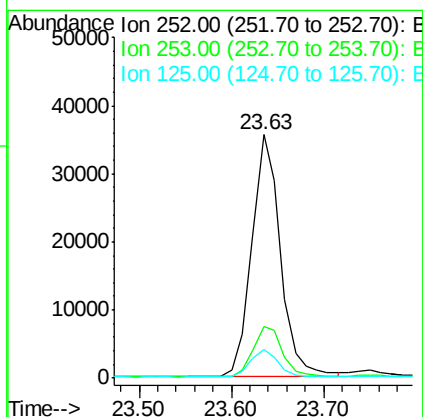
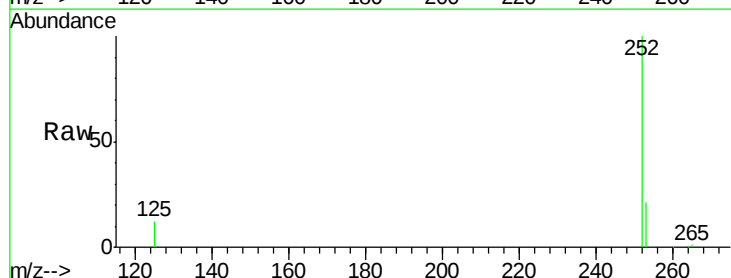
Instrument :
BNA_E
ClientSampleId :

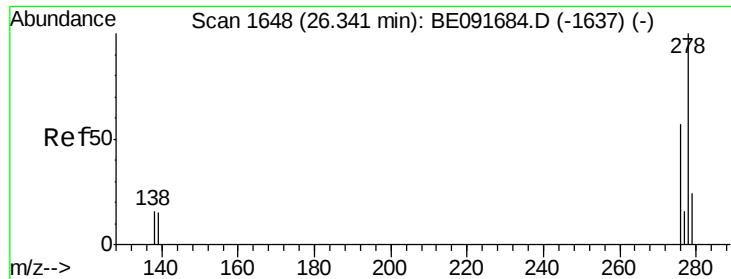
Tot Ion:252 Resp: 85068
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.2 9.9 14.9



#38
Benzo(a)pyrene
Concen: 1.52 ng
RT: 23.63 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BE091686.D
Acq: 20 Apr 2016 15:43

Tgt Ion:252 Resp: 76897
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 11.9 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 1.58 ng

RT: 26.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

Instrument :

BNA_E

ClientSampleId :

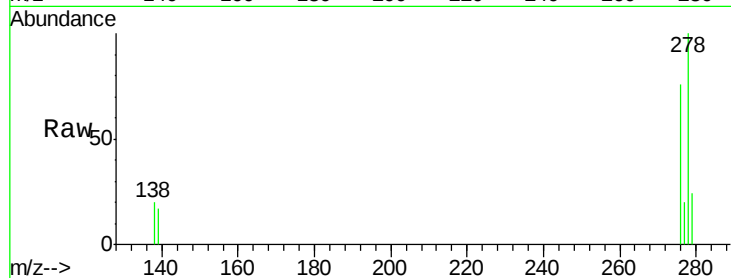
Tot Ion:278 Resp: 78028

Ion Ratio Lower Upper

278 100

139 17.4 16.0 24.0

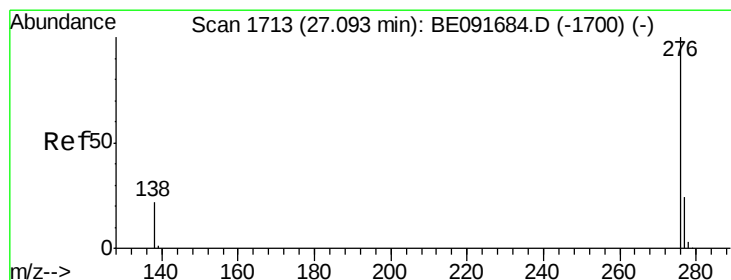
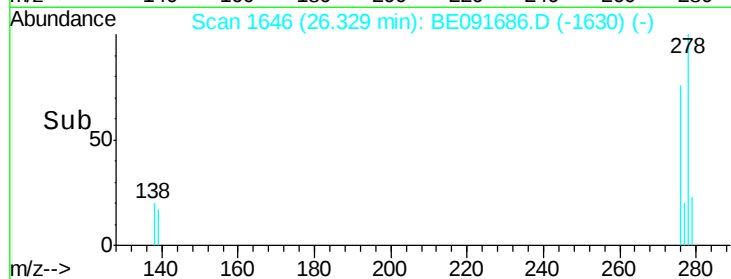
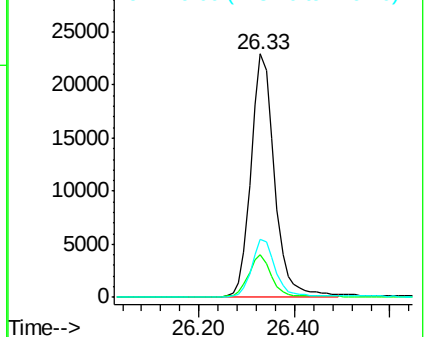
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 1.53 ng

RT: 27.09 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BE091686.D

Acq: 20 Apr 2016 15:43

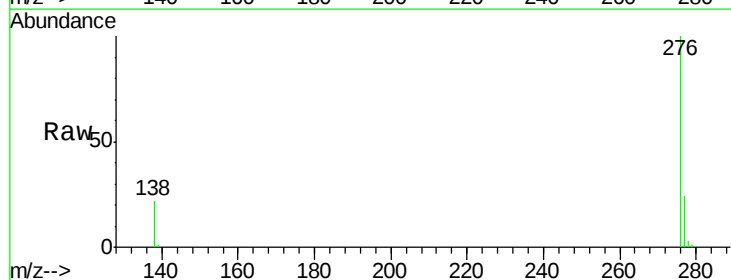
Tgt Ion:276 Resp: 78500

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 22.1 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

