

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091683.D
 Acq On : 20 Apr 2016 13:49
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 15:33:13 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	165875	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	99890	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	255045	5.00	ng	0.00
26) Chrysene-d12	21.31	240	260177	5.00	ng	0.00
35) Perylene-d12	23.75	264	240059	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1455	0.19	ng	0.00
5) Phenol-d6	6.97	99	1870	0.18	ng	0.00
8) Nitrobenzene-d5	8.96	82	1507	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	874	0.41	ng	0.01
15) 2-Fluorobiphenyl	13.05	172	5373	0.19	ng	0.00
29) Terphenyl-d14	19.76	244	8092	0.23	ng	0.00

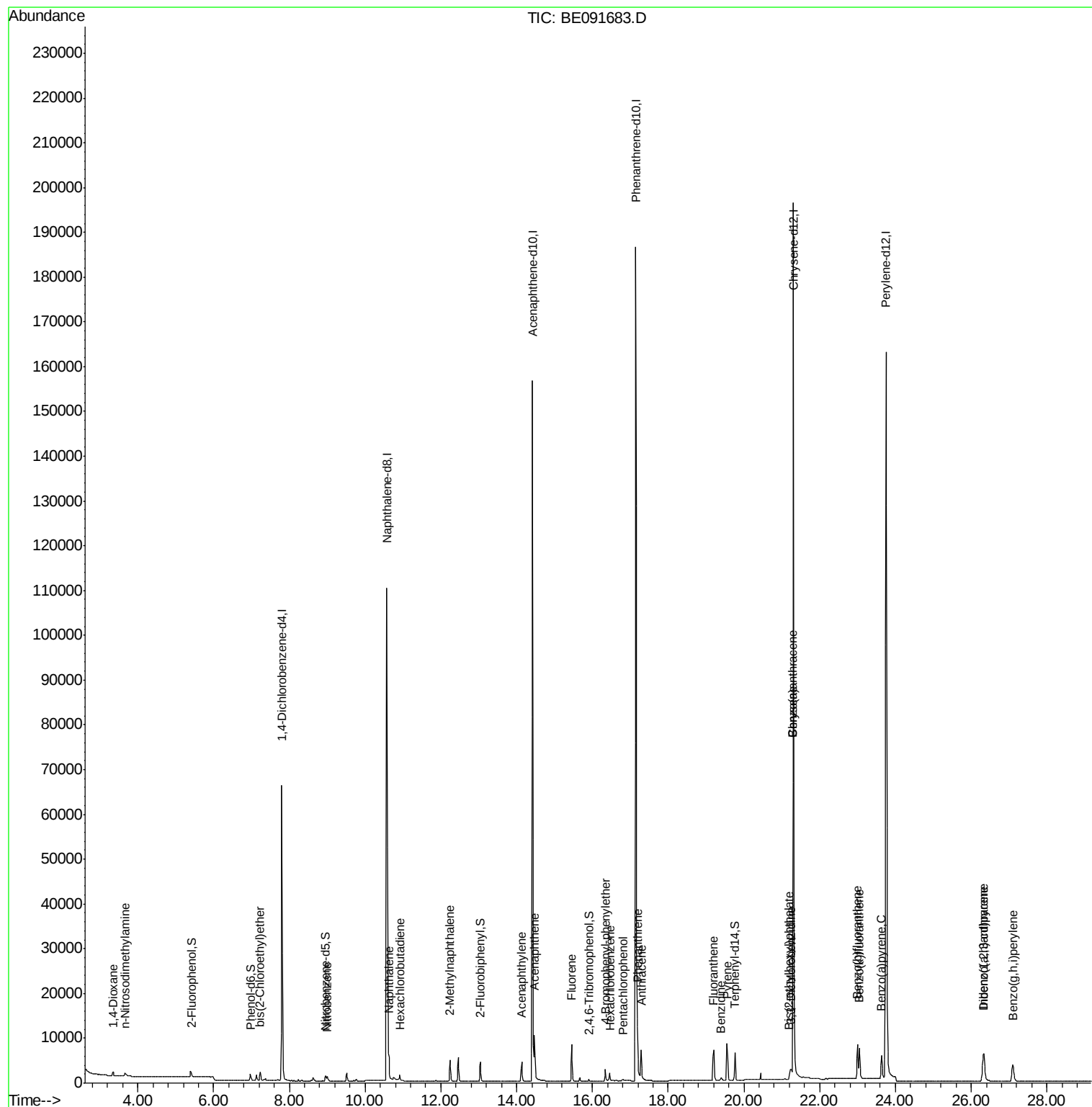
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	882	0.20	ng	95
3) n-Nitrosodimethylamine	3.66	42	813	0.16	ng	98
6) bis(2-Chloroethyl)ether	7.23	93	1751	0.19	ng	# 81
9) Nitrobenzene	9.00	77	1462	0.17	ng	95
10) Naphthalene	10.63	128	6754	0.20	ng	99
11) Hexachlorobutadiene	10.92	225	1465	0.30	ng	# 82
12) 2-Methylnaphthalene	12.24	142	4104	0.19	ng	96
16) Acenaphthylene	14.13	152	7372	0.20	ng	# 70
17) Acenaphthene	14.47	154	4681	0.19	ng	84
18) Fluorene	15.46	166	5758	0.19	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	1592	0.18	ng	98
21) Hexachlorobenzene	16.46	284	1871	0.20	ng	98
22) Pentachlorophenol	16.81	266	372	0.12	ng	95
23) Phenanthrene	17.19	178	11604	0.20	ng	99
24) Anthracene	17.29	178	9249	0.18	ng	99
25) Fluoranthene	19.21	202	10495	0.18	ng	97
27) Benzidine	19.40	184	1852	0.10	ng	94
28) Pyrene	19.55	202	11114	0.21	ng	100
30) Benzo(a)anthracene	21.29	228	11964	0.20	ng	97
31) 3,3'-Dichlorobenzidine	21.24	252	3729	0.16	ng	# 83
32) Chrysene	21.29	228	11964	0.20	ng	93
33) Bis(2-ethylhexyl)phthalate	21.20	149	1970	0.18	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.32	276	11610	0.21	ng	96
36) Benzo(b)fluoranthene	23.00	252	10967	0.21	ng	97
37) Benzo(k)fluoranthene	23.05	252	10775	0.19	ng	98
38) Benzo(a)pyrene	23.63	252	9016	0.18	ng	# 95
39) Dibenzo(a,h)anthracene	26.34	278	9366	0.19	ng	96
40) Benzo(g,h,i)perylene	27.10	276	9961	0.20	ng	95

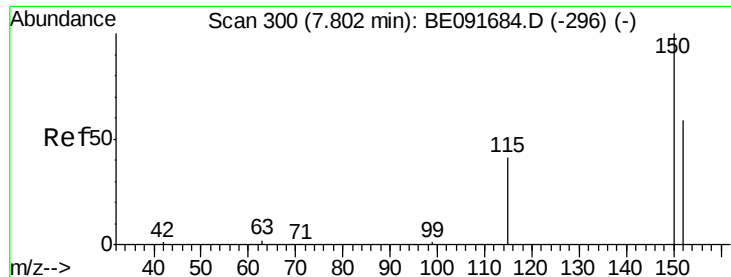
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

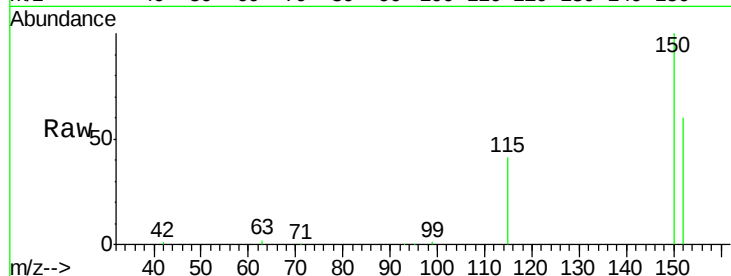
Tot Ion:152 Resp: 34556

Ion Ratio Lower Upper

152 100

150 167.8 122.6 183.8

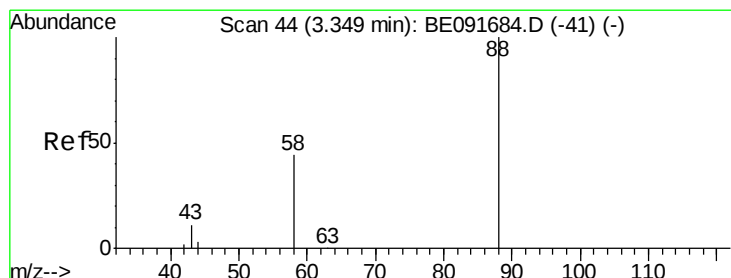
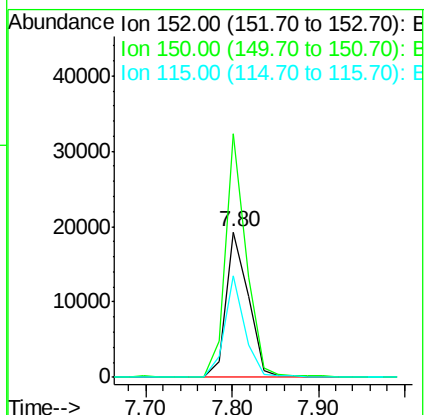
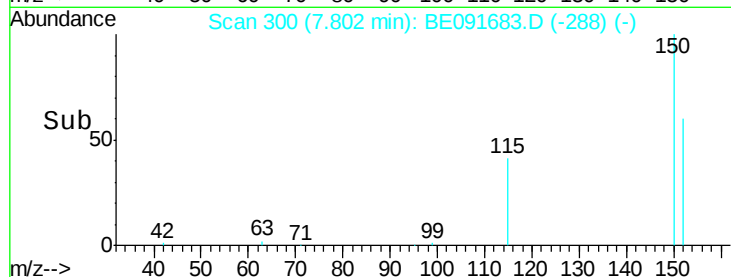
115 69.6 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.20 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

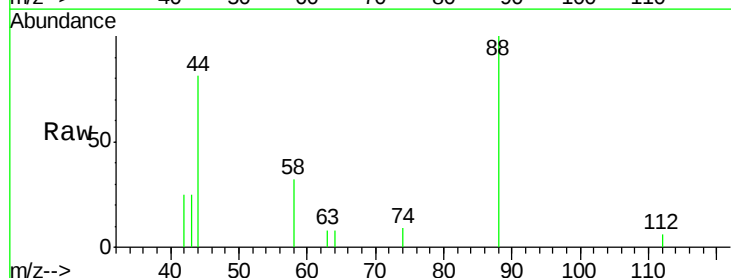
Tgt Ion: 88 Resp: 882

Ion Ratio Lower Upper

88 100

58 79.3 65.8 98.6

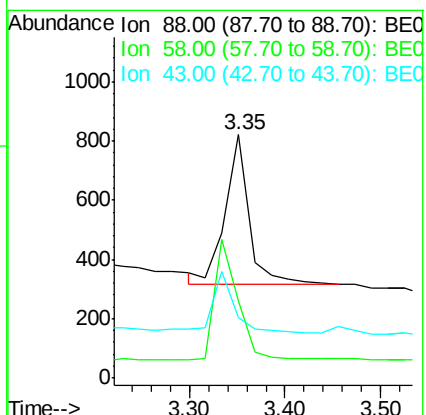
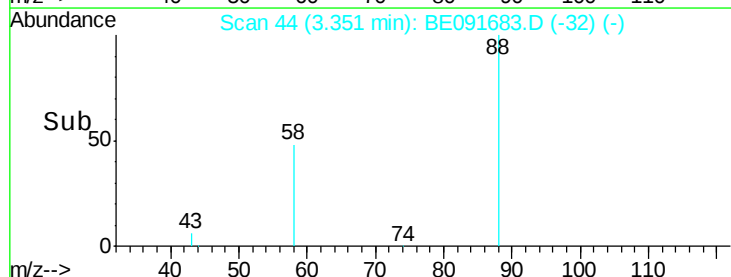
43 36.7 25.3 37.9

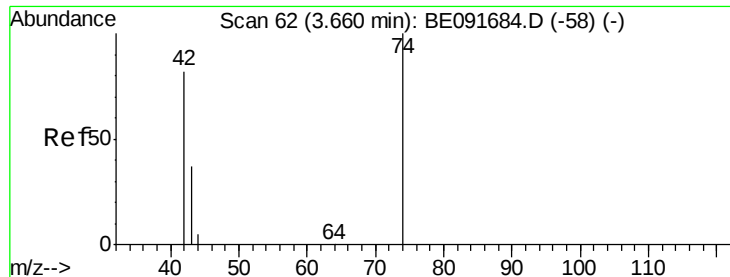


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



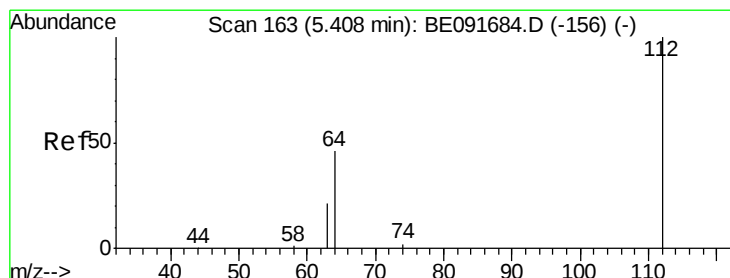
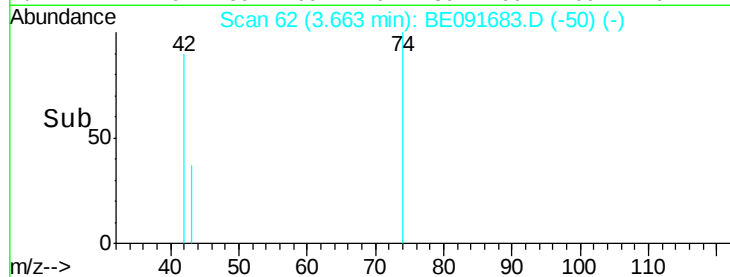
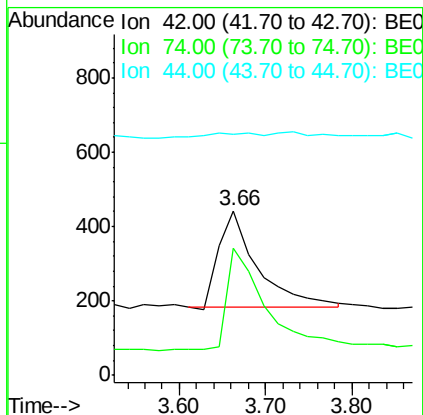
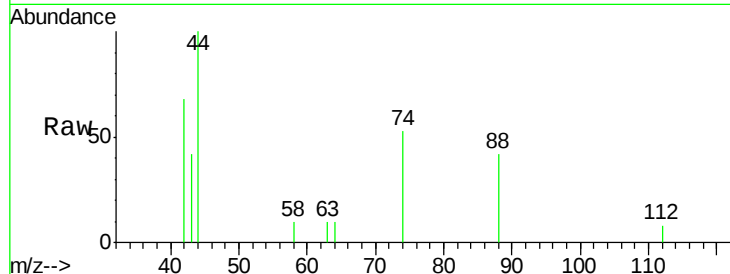


#3

n-Nitrosodimethylamine
 Concen: 0.16 ng
 RT: 3.66 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Instrument :
 BNA_E
 ClientSampled :

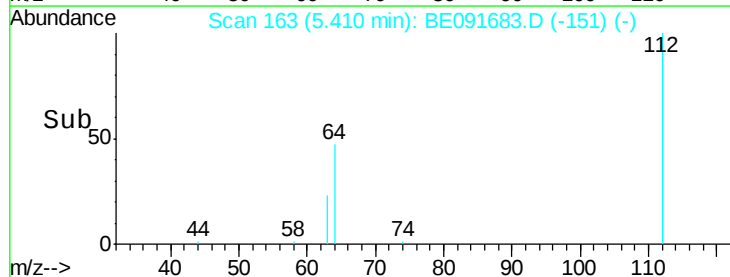
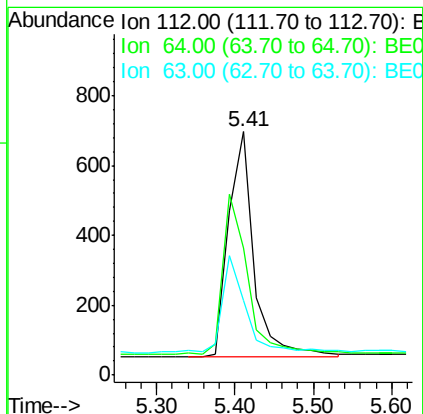
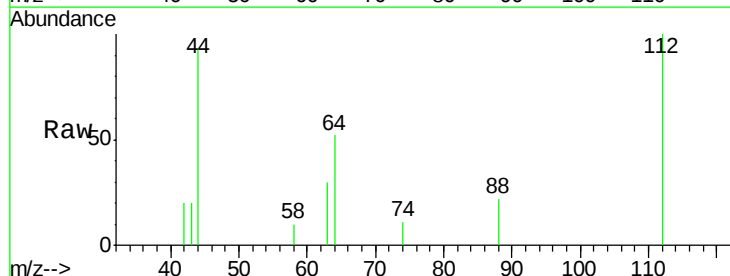
Tot Ion: 42 Resp: 813
 Ion Ratio Lower Upper
 42 100
 74 107.9 87.9 131.9
 44 7.5 6.6 9.8

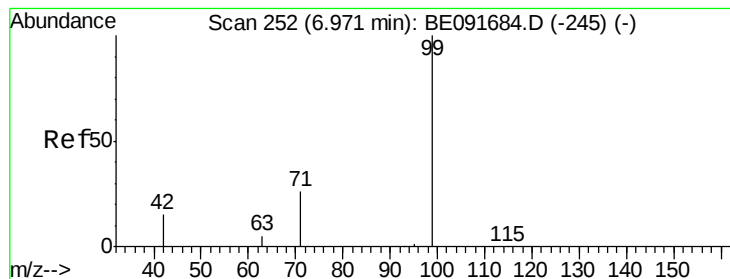


#4

2-Fluorophenol
 Concen: 0.19 ng
 RT: 5.41 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Tgt Ion: 112 Resp: 1455
 Ion Ratio Lower Upper
 112 100
 64 69.0 30.9 46.3#
 63 40.2 16.7 25.1#





#5

Phenol-d6

Concen: 0.18 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

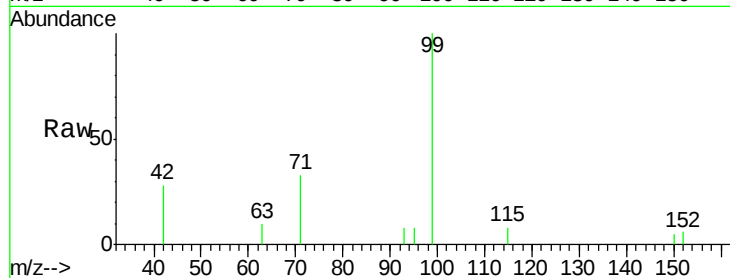
Tot Ion: 99 Resp: 1870

Ion Ratio Lower Upper

99 100

42 27.1 16.2 24.2#

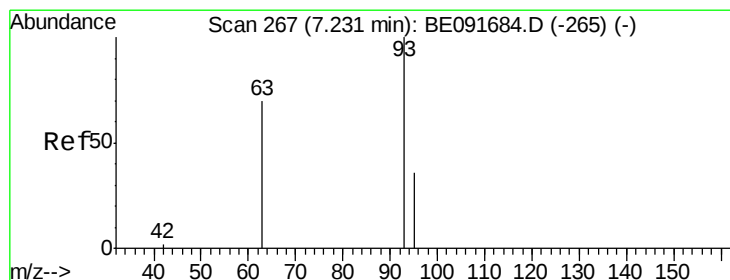
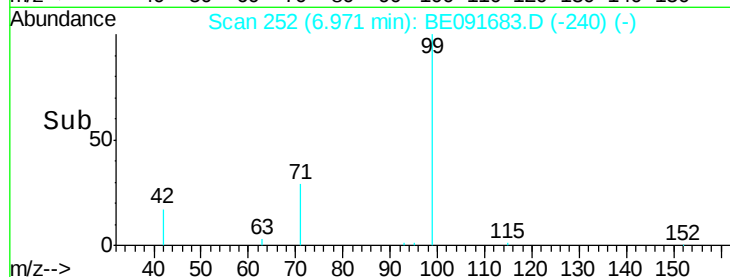
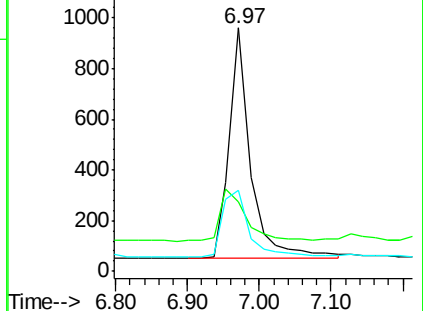
71 36.5 29.0 43.4



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: 0.19 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

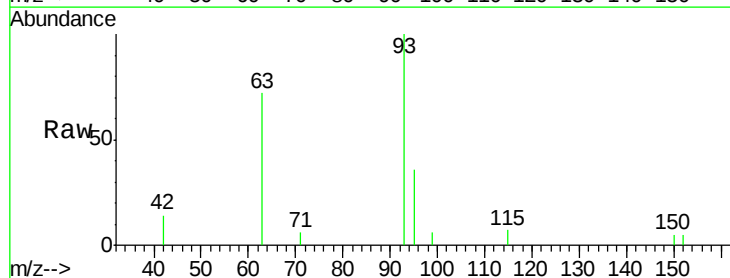
Tgt Ion: 93 Resp: 1751

Ion Ratio Lower Upper

93 100

63 79.0 49.5 74.3#

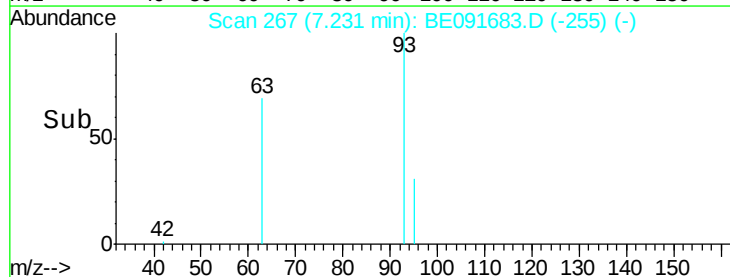
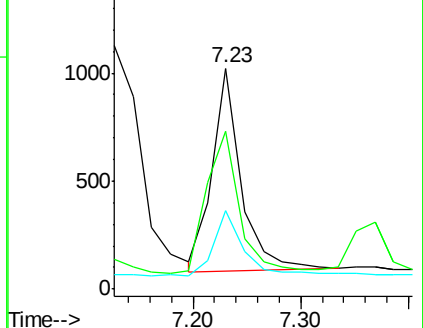
95 34.3 22.2 33.4#

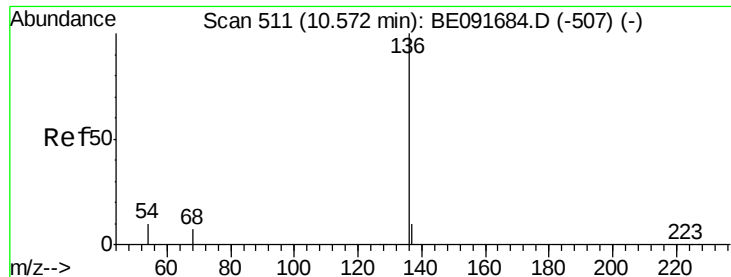


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 165875

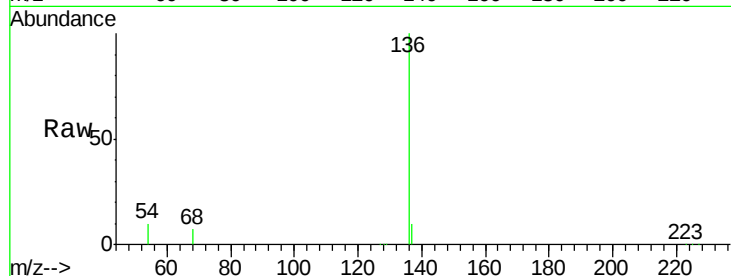
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.3 8.2 12.4

68 7.1 6.2 9.4

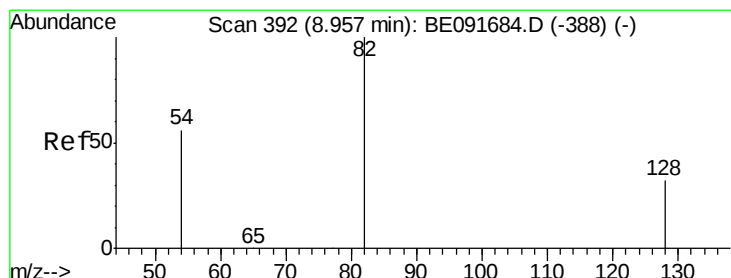
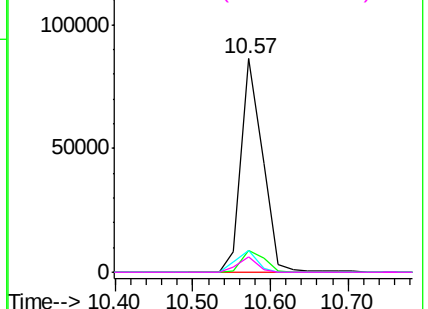
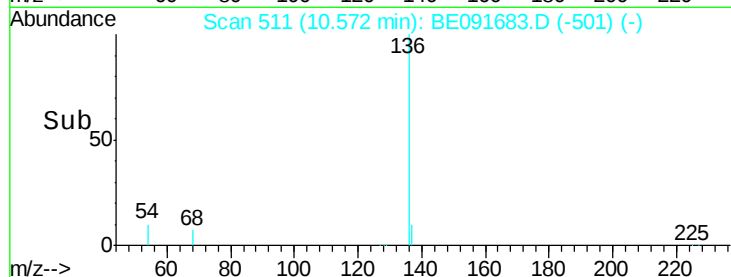


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.18 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

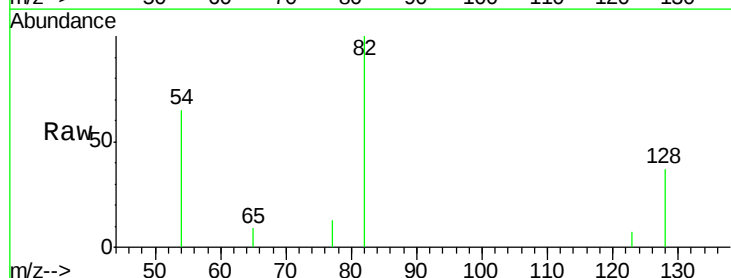
Tgt Ion: 82 Resp: 1507

Ion Ratio Lower Upper

82 100

128 36.7 25.4 38.0

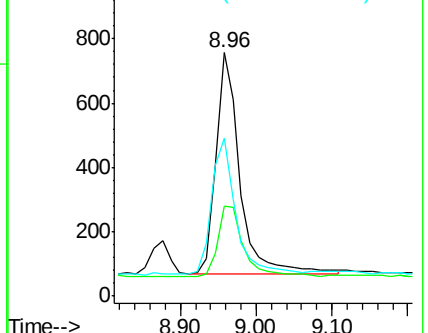
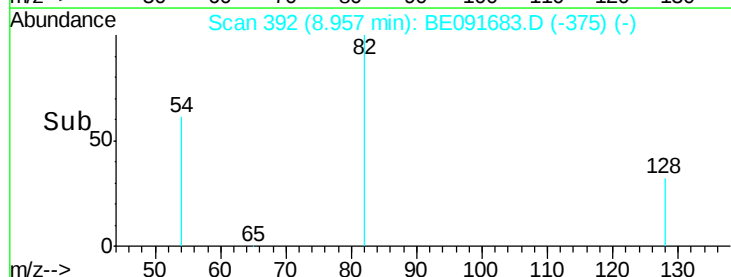
54 65.0 48.4 72.6

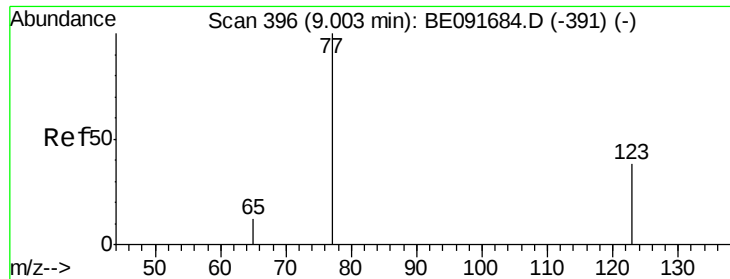


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.17 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

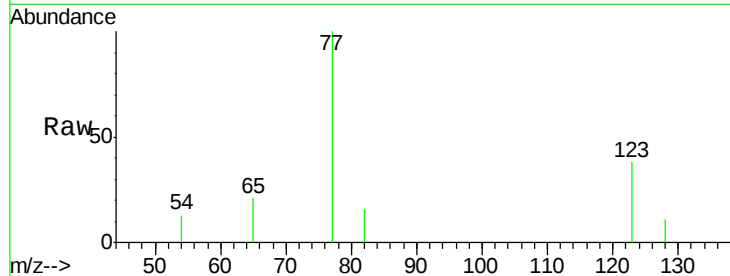
Tot Ion: 77 Resp: 1462

Ion Ratio Lower Upper

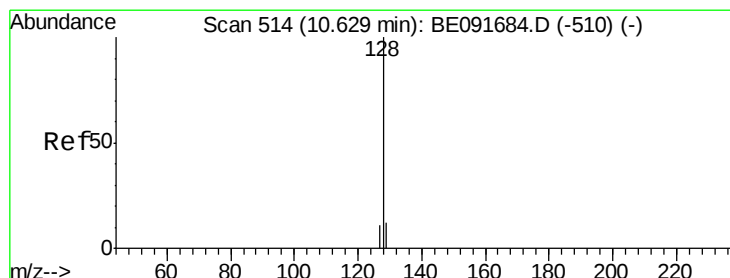
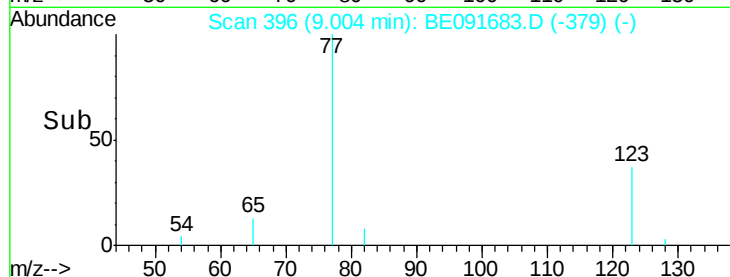
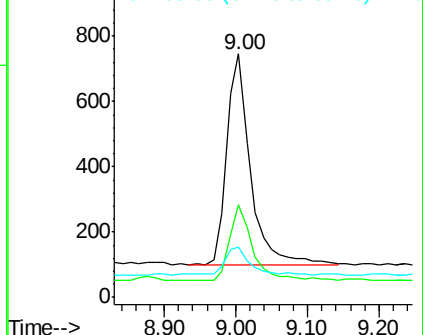
77 100

123 36.1 26.9 40.3

65 13.7 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 0.20 ng

RT: 10.63 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

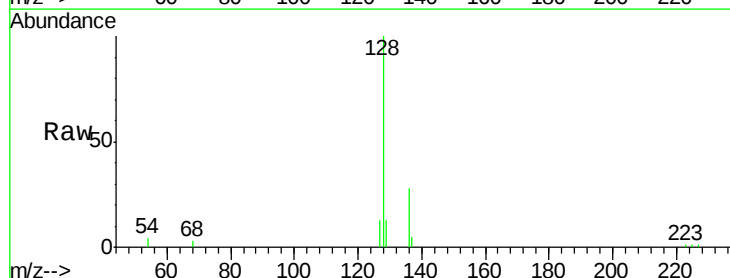
Tgt Ion: 128 Resp: 6754

Ion Ratio Lower Upper

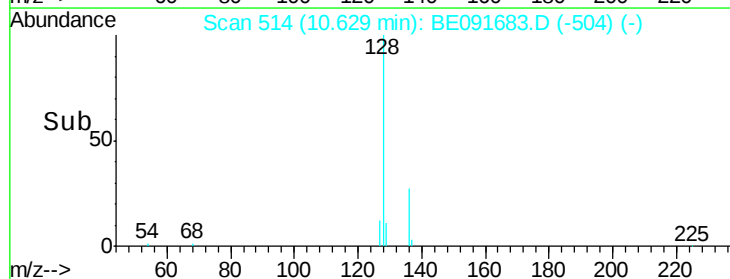
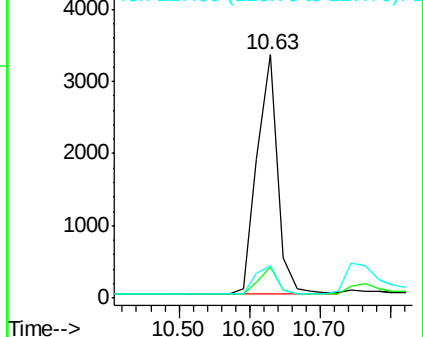
128 100

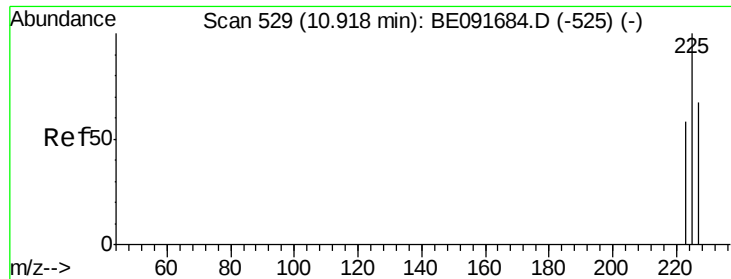
129 12.8 9.3 13.9

127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

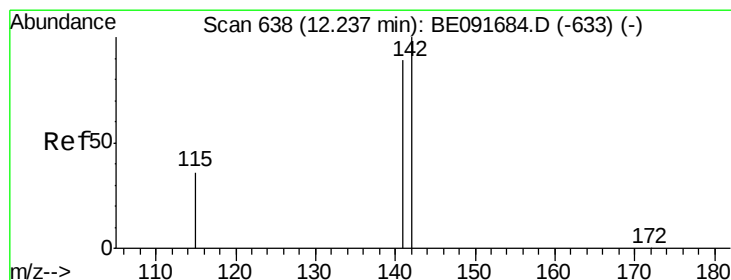
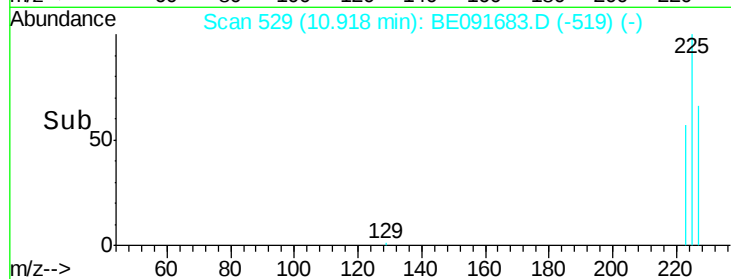
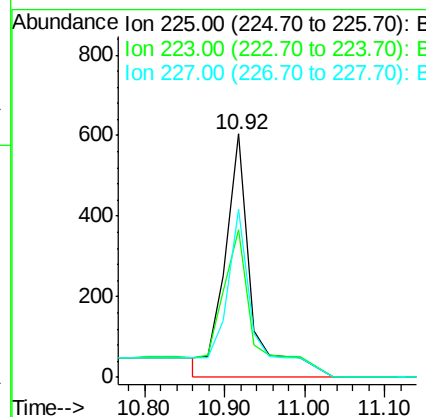
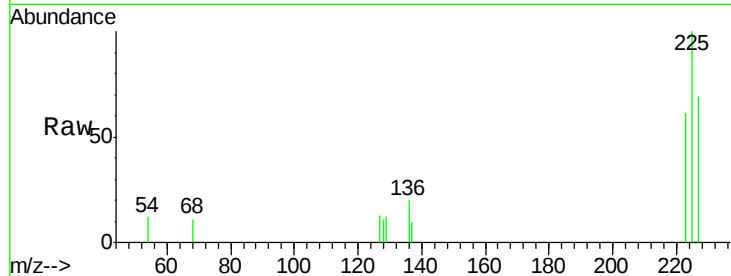




#11
Hexachlorobutadiene
Concen: 0.30 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

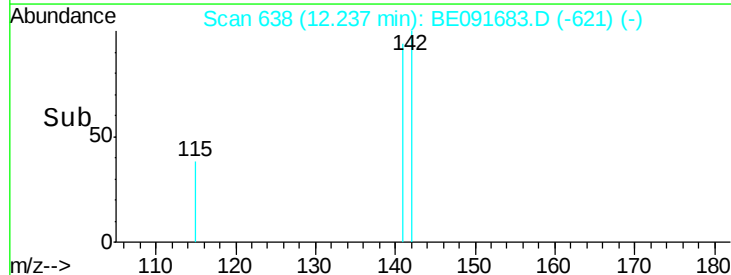
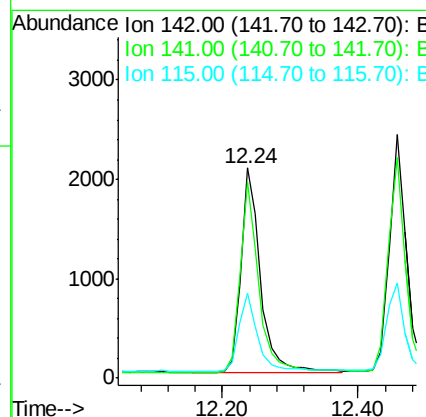
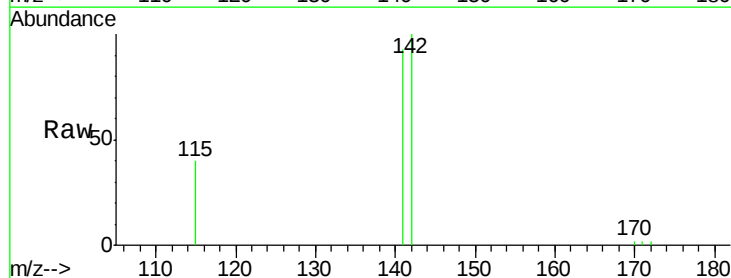
Instrument :
BNA_E
ClientSampleId :

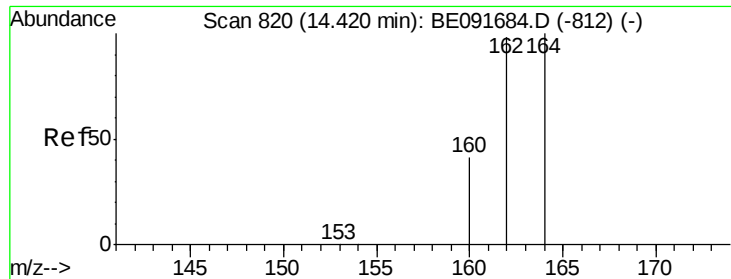
Tot Ion:225 Resp: 1465
Ion Ratio Lower Upper
225 100
223 73.9 49.0 73.6#
227 77.3 50.3 75.5#



#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:142 Resp: 4104
Ion Ratio Lower Upper
142 100
141 93.5 71.4 107.0
115 40.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

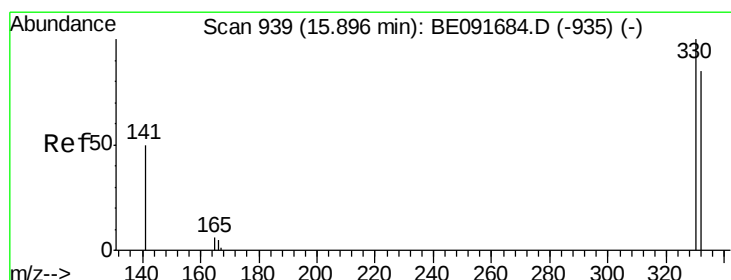
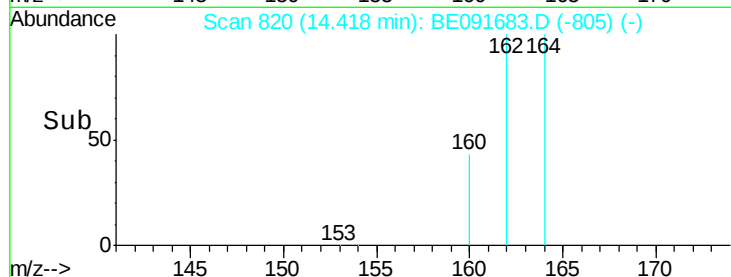
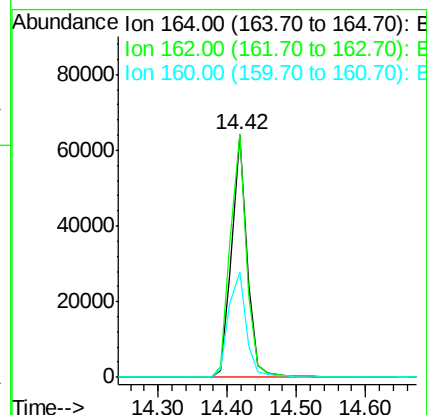
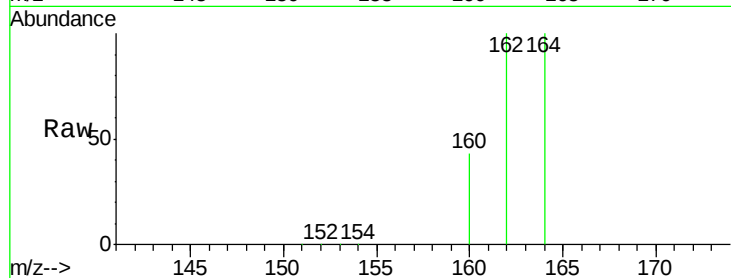
Tot Ion:164 Resp: 99890

Ion Ratio Lower Upper

164 100

162 100.3 85.3 127.9

160 43.6 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.41 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.01 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

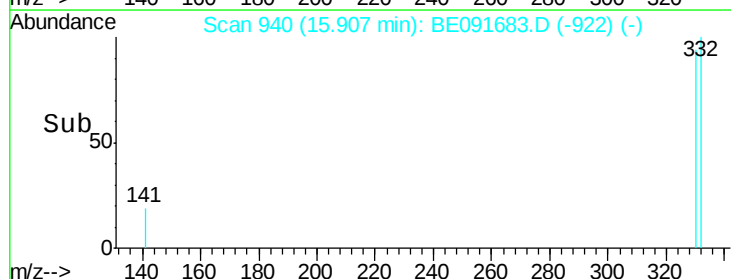
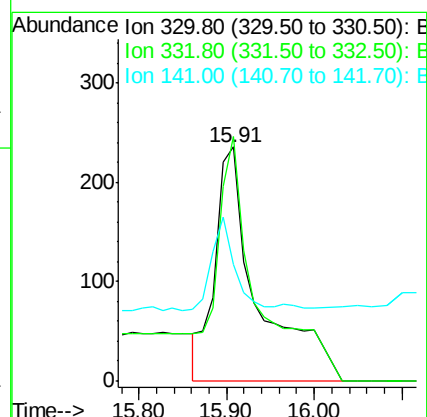
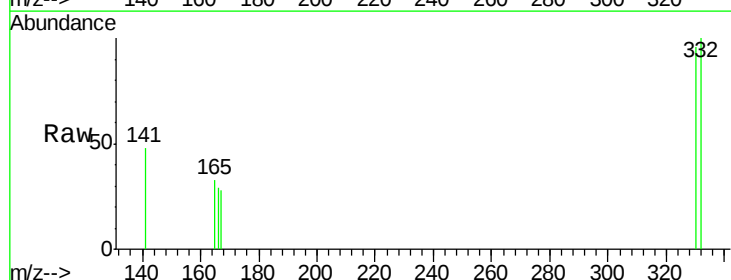
Tgt Ion:330 Resp: 874

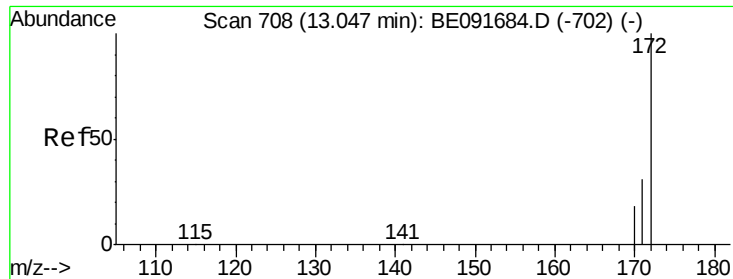
Ion Ratio Lower Upper

330 100

332 99.0 79.1 118.7

141 20.1 125.4 188.0#

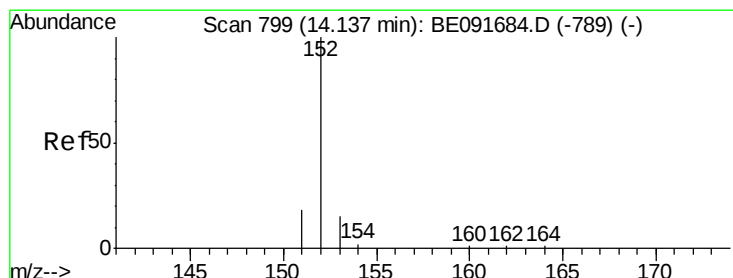
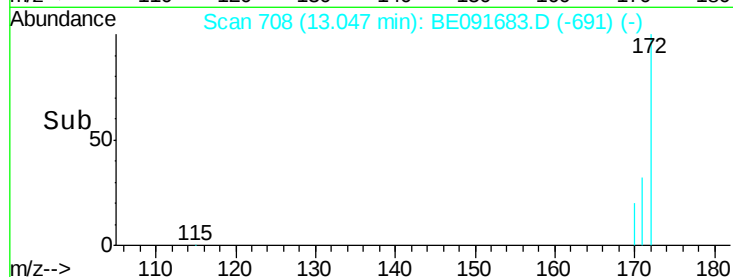
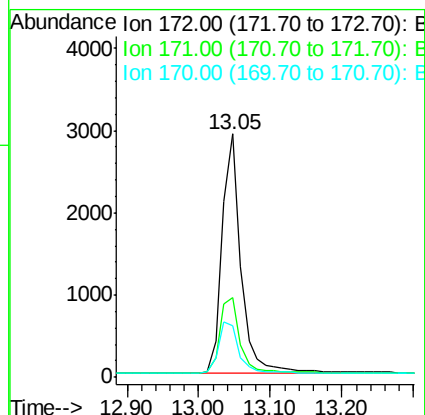
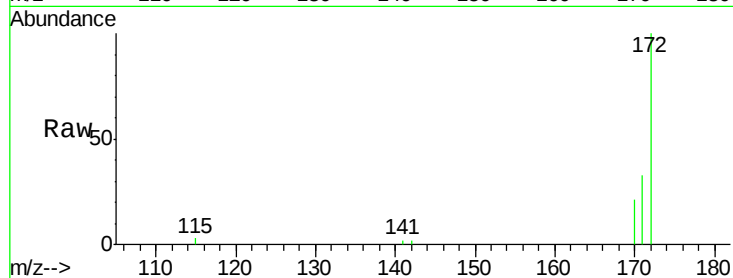




#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

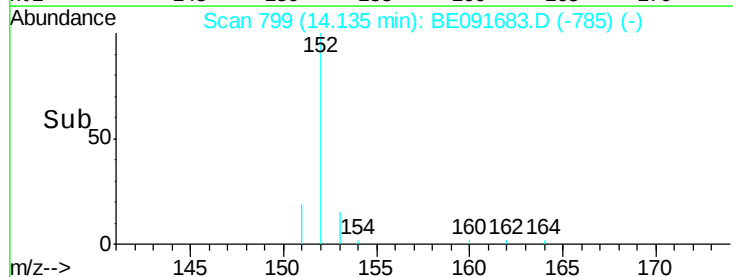
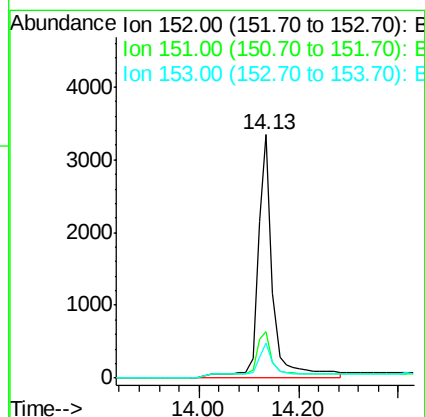
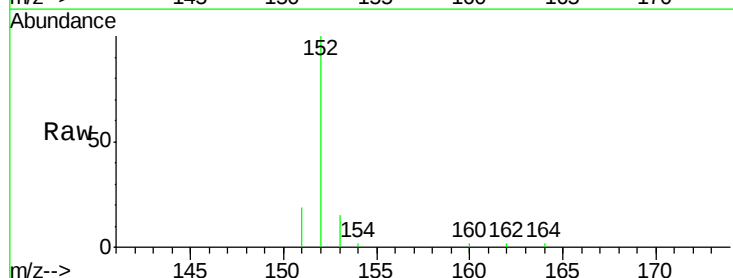
Instrument :
BNA_E
ClientSampleId :

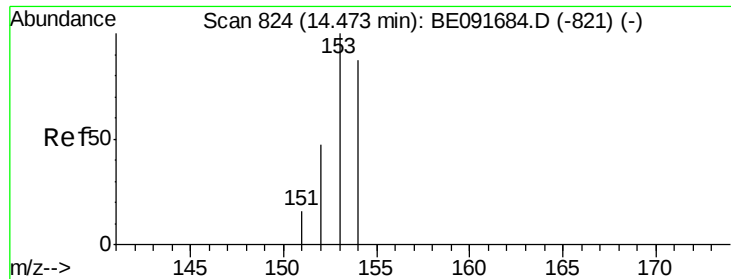
Tot Ion:172 Resp: 5373
Ion Ratio Lower Upper
172 100
171 32.8 28.8 43.2
170 21.3 19.3 28.9



#16
Acenaphthylene
Concen: 0.20 ng
RT: 14.13 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:152 Resp: 7372
Ion Ratio Lower Upper
152 100
151 18.3 3.9 5.9#
153 23.0 10.3 15.5#

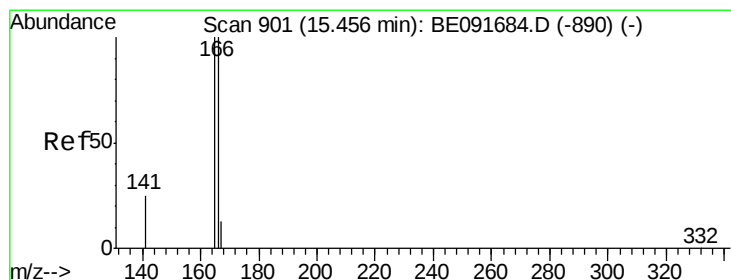
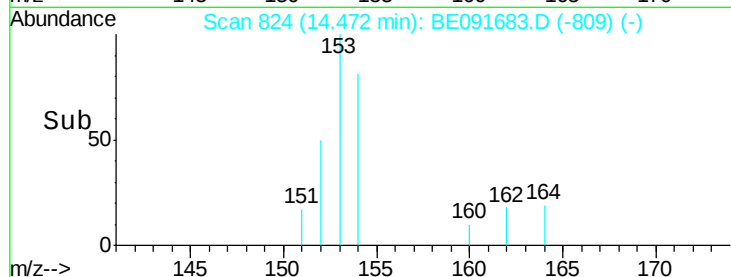
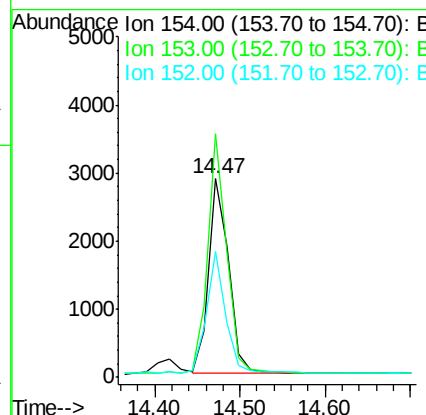
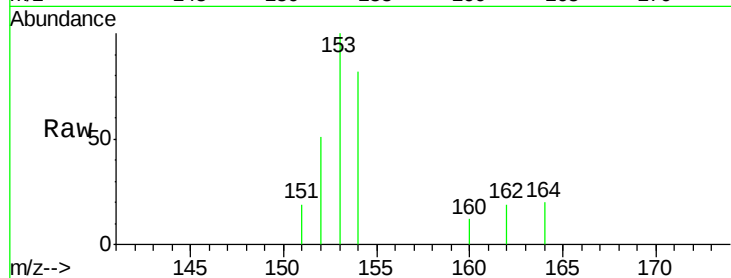




#17
Acenaphthene
Concen: 0.19 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

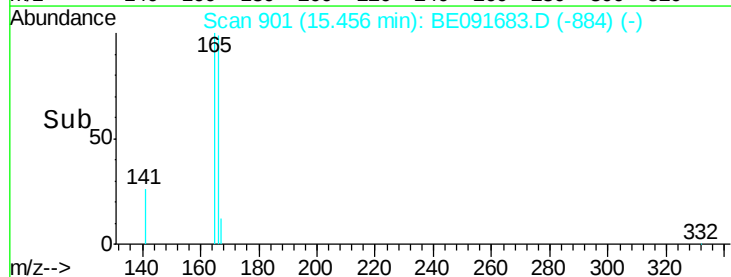
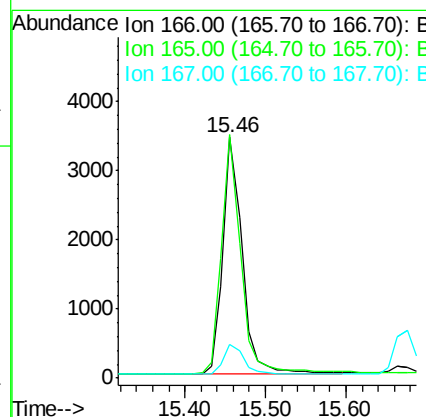
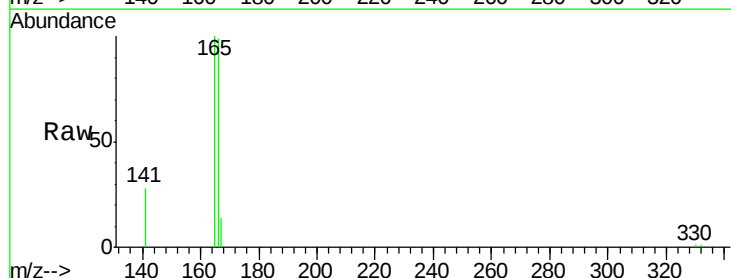
Instrument :
BNA_E
ClientSampled :

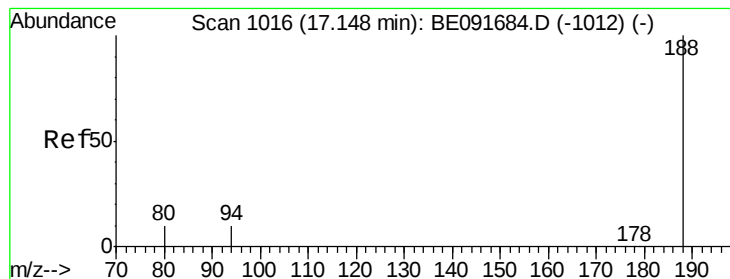
Tot Ion:154 Resp: 4681
Ion Ratio Lower Upper
154 100
153 117.9 80.0 120.0
152 58.5 40.0 60.0



#18
Fluorene
Concen: 0.19 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:166 Resp: 5758
Ion Ratio Lower Upper
166 100
165 99.7 80.8 121.2
167 13.3 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: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

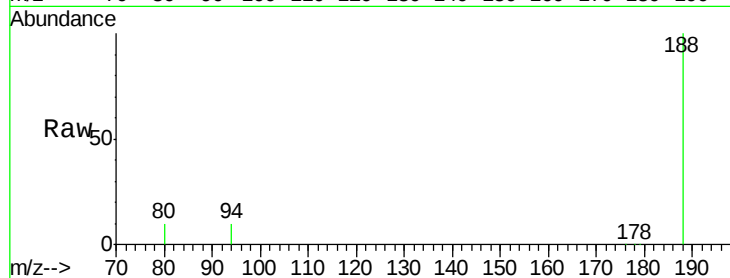
Tot Ion:188 Resp: 255045

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

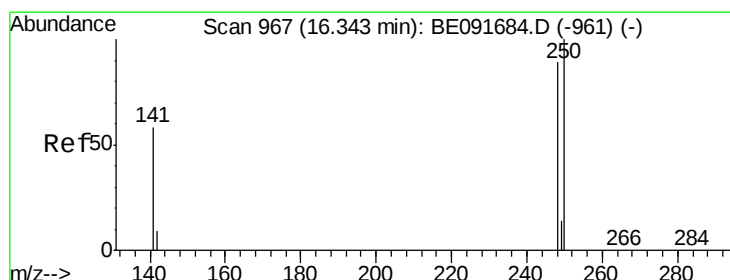
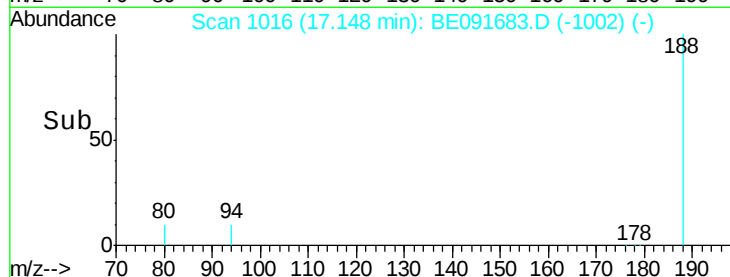
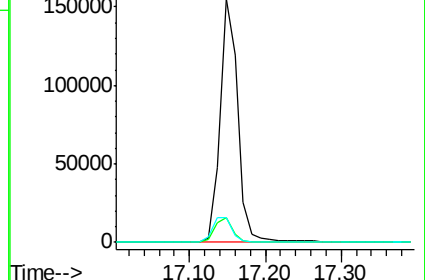
80 10.0 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.18 ng

RT: 16.34 min Scan# 967

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

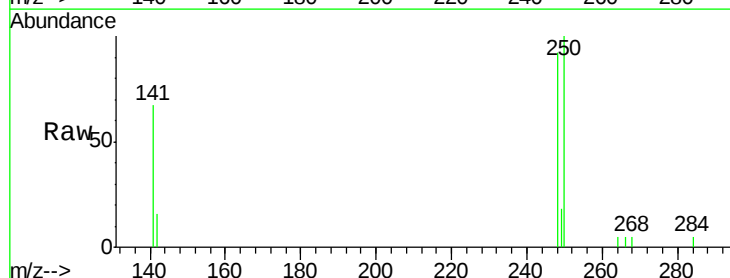
Tgt Ion:248 Resp: 1592

Ion Ratio Lower Upper

248 100

250 97.6 80.5 120.7

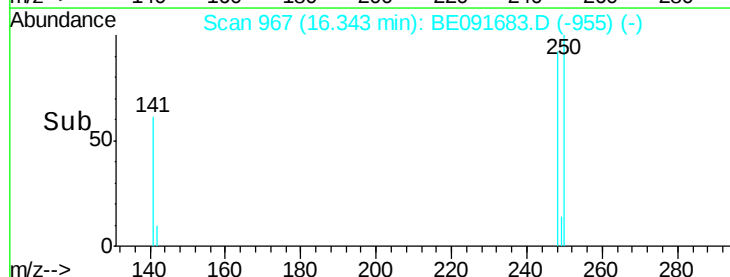
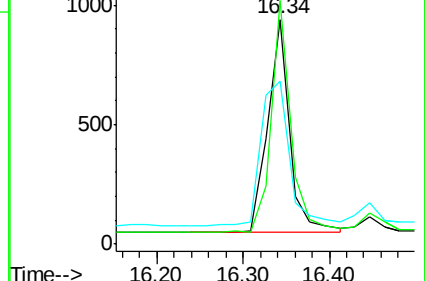
141 88.8 72.0 108.0

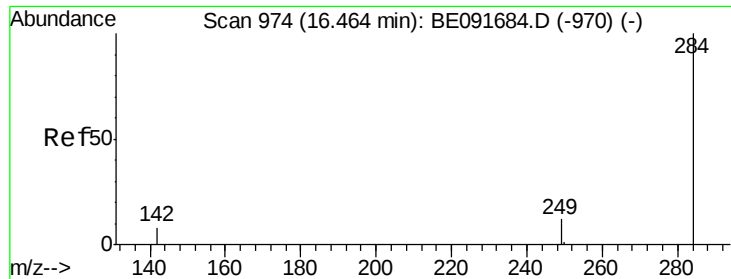


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

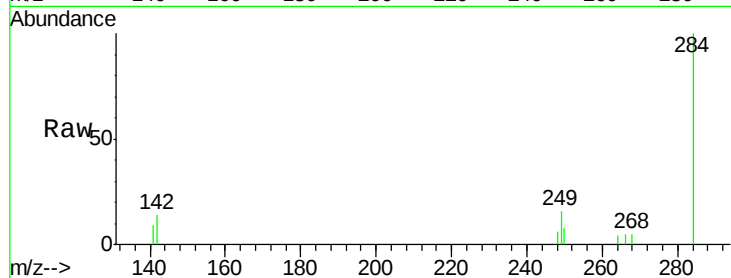




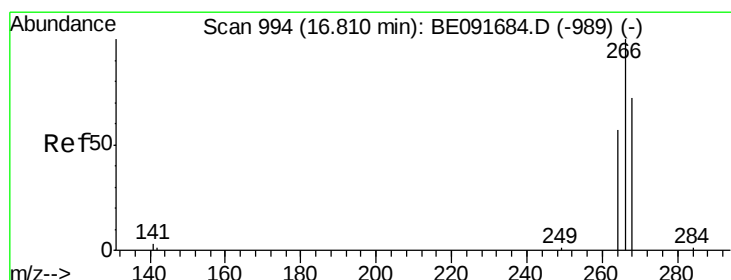
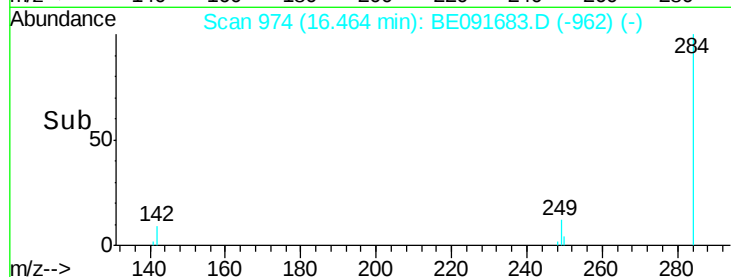
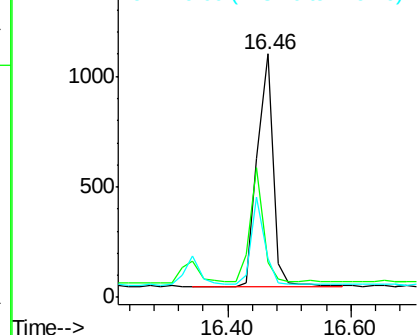
#21
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 1871
Ion Ratio Lower Upper
284 100
142 41.7 32.2 48.2
249 32.1 25.4 38.2

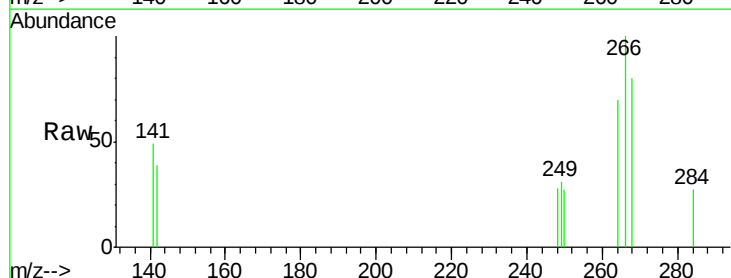


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

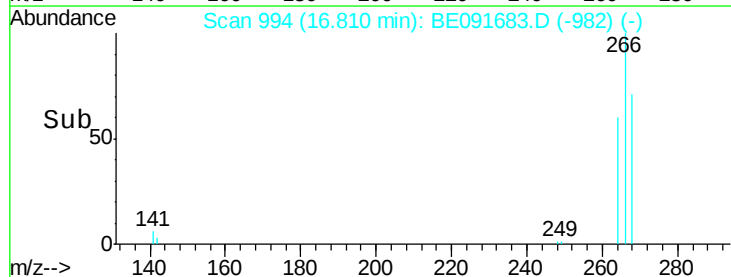
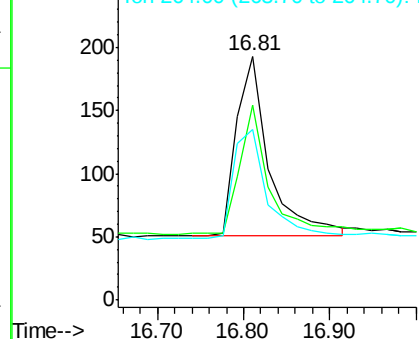


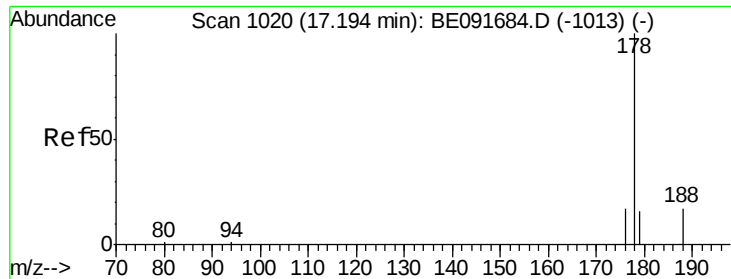
#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:266 Resp: 372
Ion Ratio Lower Upper
266 100
268 79.8 58.2 87.2
264 69.9 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

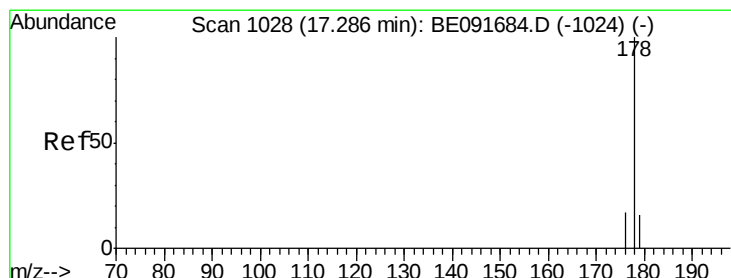
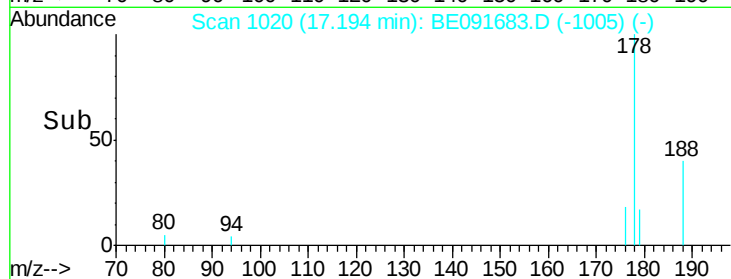
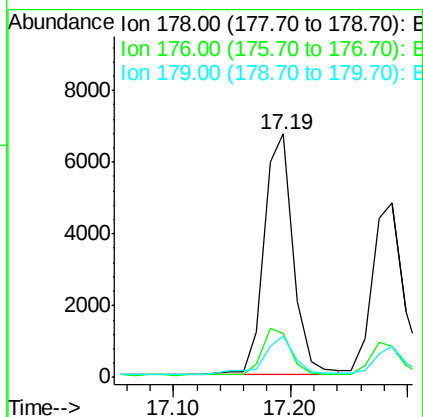
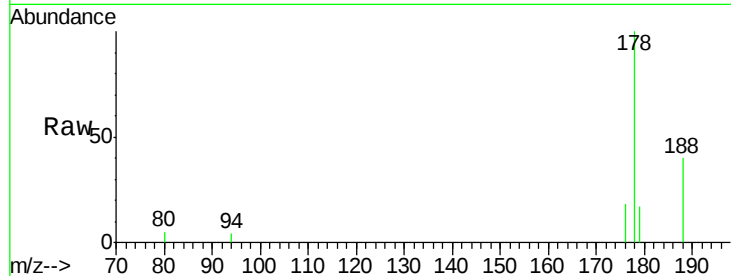




#23
Phenanthrene
Concen: 0.20 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

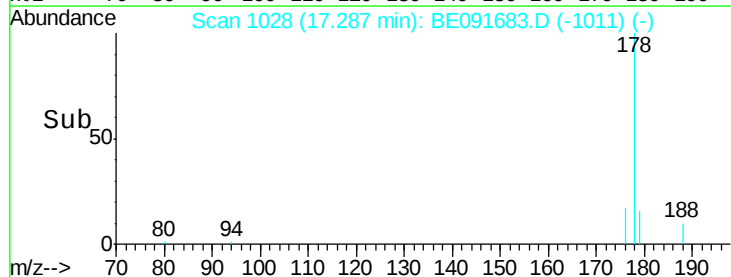
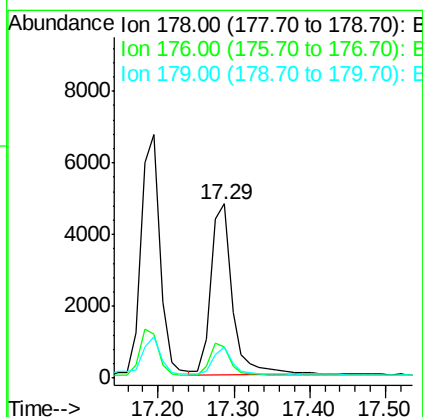
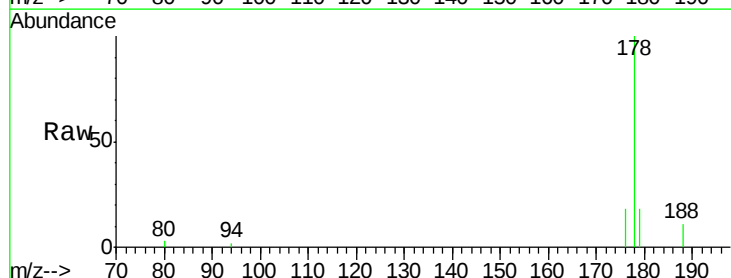
Instrument :
BNA_E
ClientSampleId :

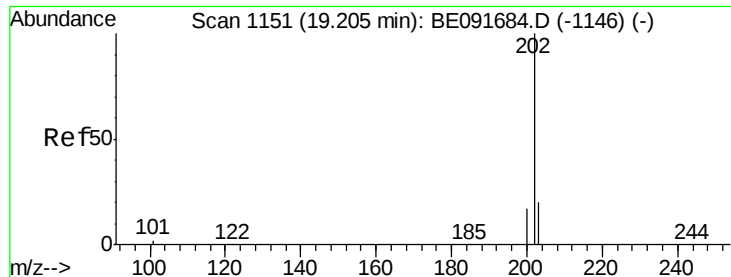
Tot Ion:178 Resp: 11604
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.5 12.6 18.8



#24
Anthracene
Concen: 0.18 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:178 Resp: 9249
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 14.7 11.8 17.6





#25

Fluoranthene

Concen: 0.18 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

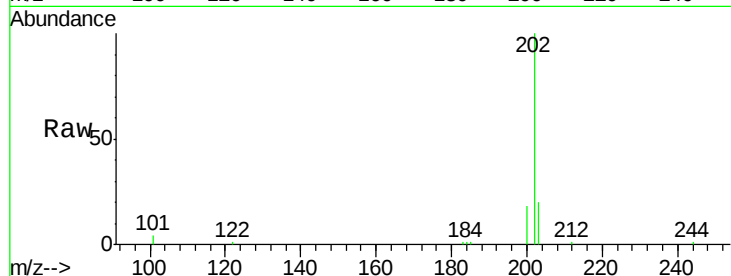
Tot Ion:202 Resp: 10495

Ion Ratio Lower Upper

202 100

101 11.8 11.0 16.6

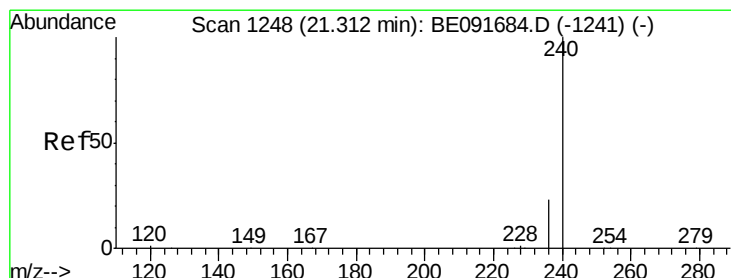
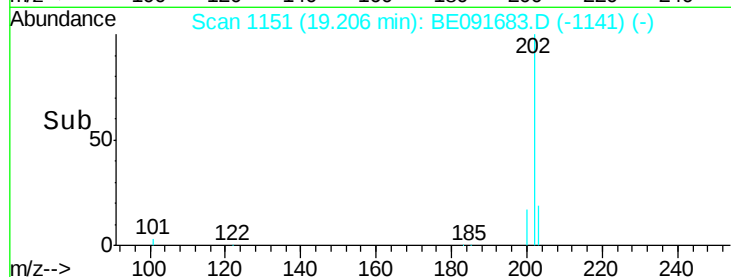
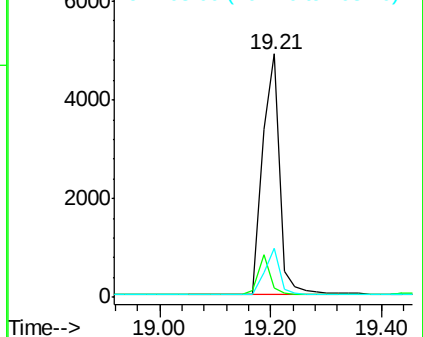
203 17.1 13.9 20.9



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: BE091683.D

Acq: 20 Apr 2016 13:49

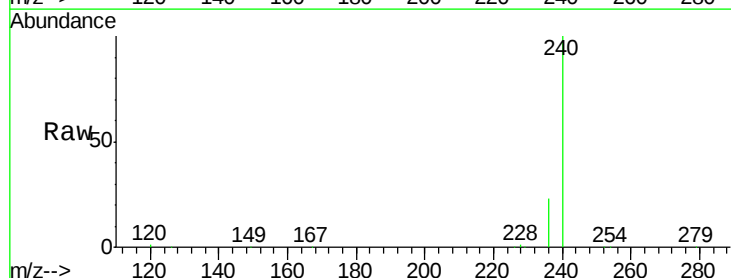
Tgt Ion:240 Resp: 260177

Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

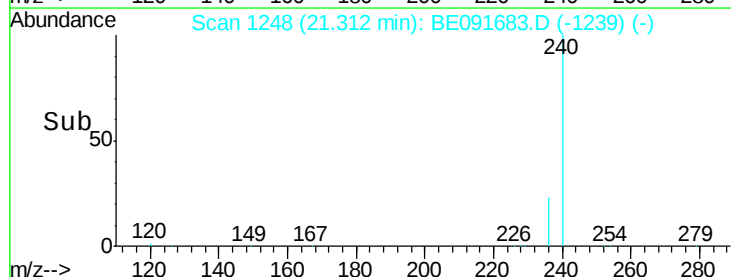
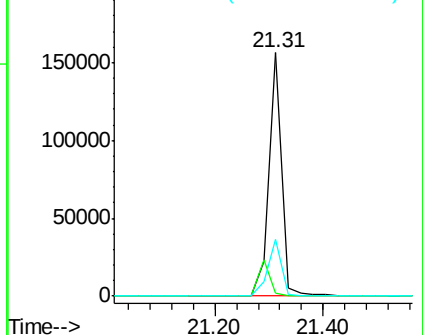
236 23.3 21.7 32.5

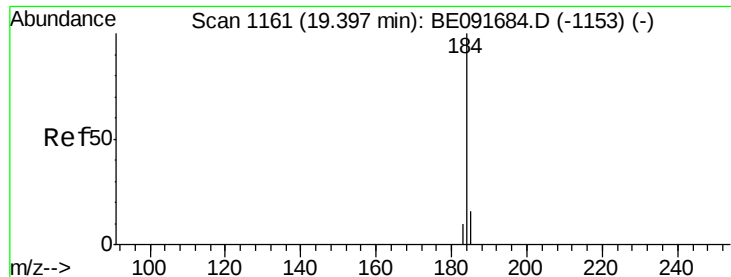


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.10 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

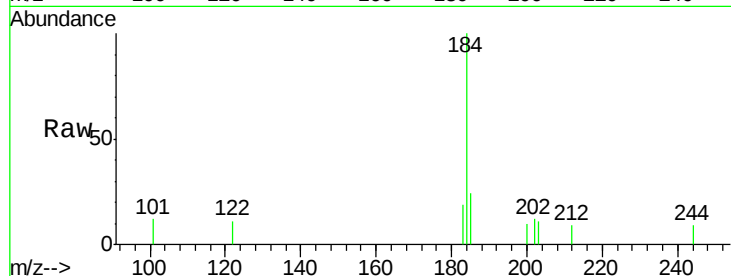
Tot Ion:184 Resp: 1852

Ion Ratio Lower Upper

184 100

185 23.7 22.3 33.5

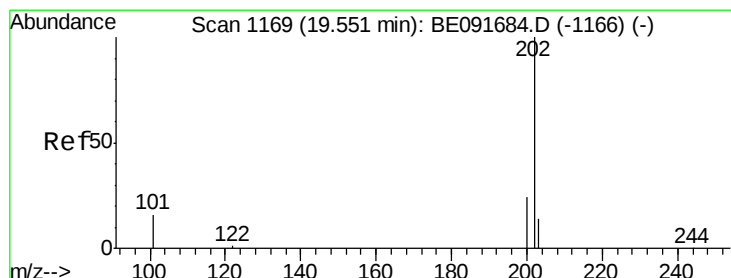
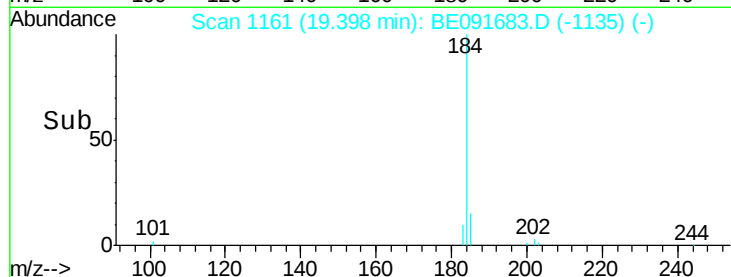
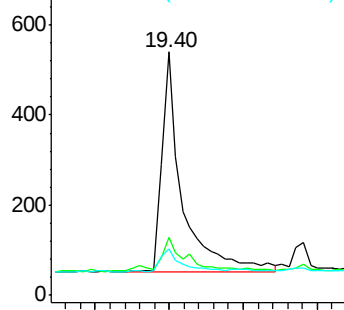
183 19.3 16.4 24.6



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: 0.21 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

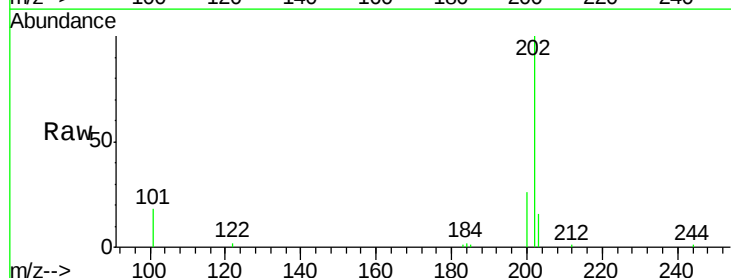
Tgt Ion:202 Resp: 11114

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

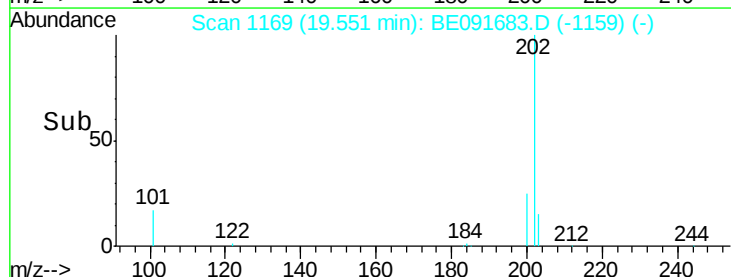
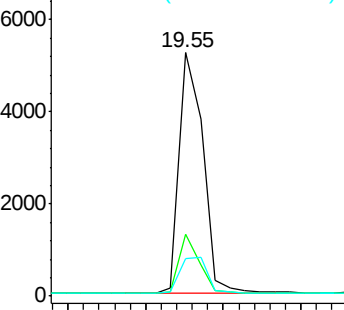
203 17.5 14.0 21.0

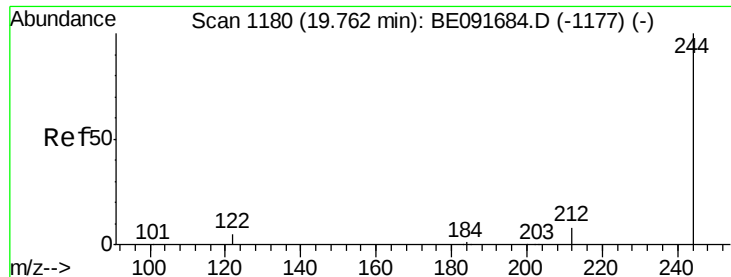


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.23 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

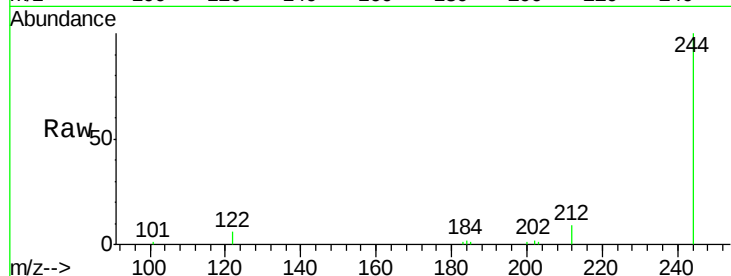
Tot Ion:244 Resp: 8092

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

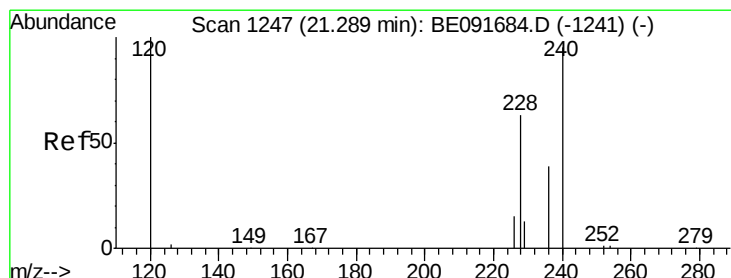
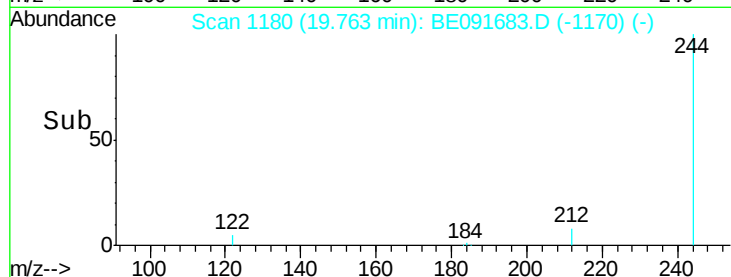
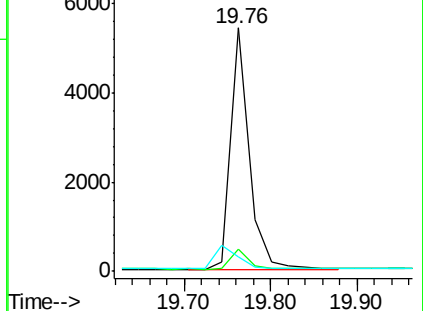
122 5.9 11.0 16.4#



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: 0.20 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

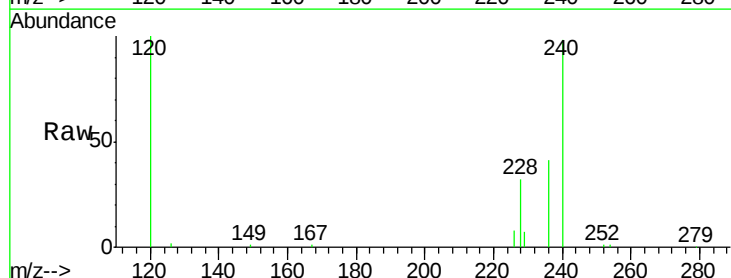
Tgt Ion:228 Resp: 11964

Ion Ratio Lower Upper

228 100

226 24.9 21.0 31.4

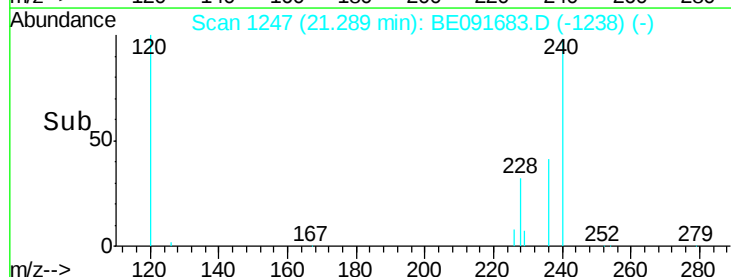
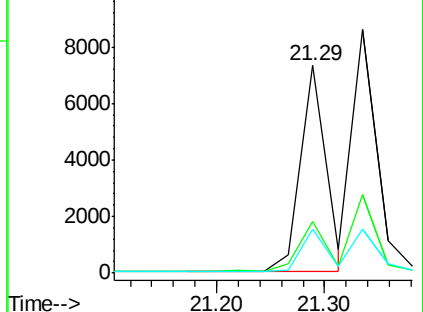
229 21.2 15.7 23.5

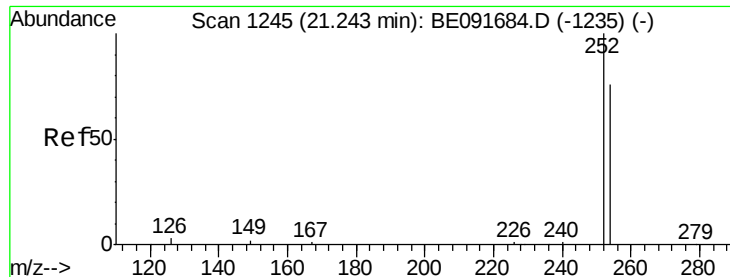


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

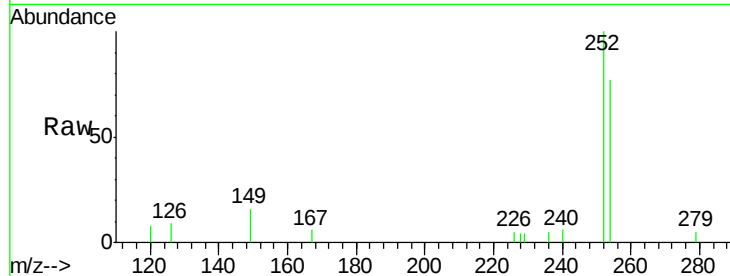




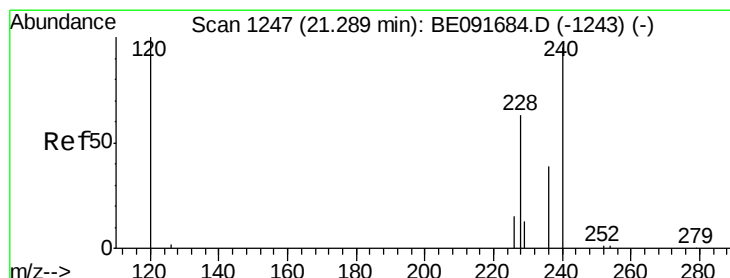
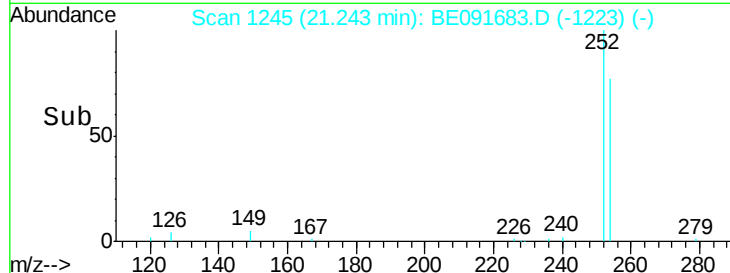
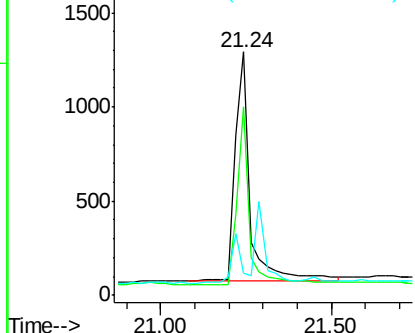
#31
 3,3'-Dichlorobenzidine
 Concen: 0.16 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:252 Resp: 3729
 Ion Ratio Lower Upper
 252 100
 254 77.2 51.1 76.7#
 126 9.1 12.6 18.8#

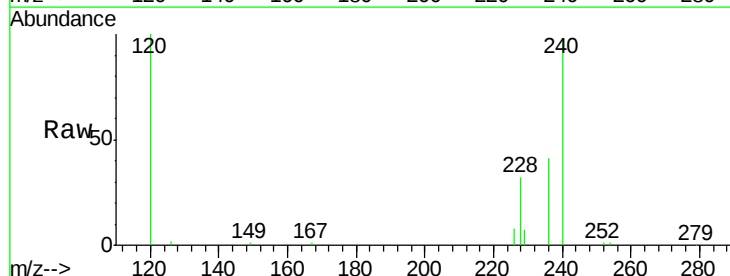


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

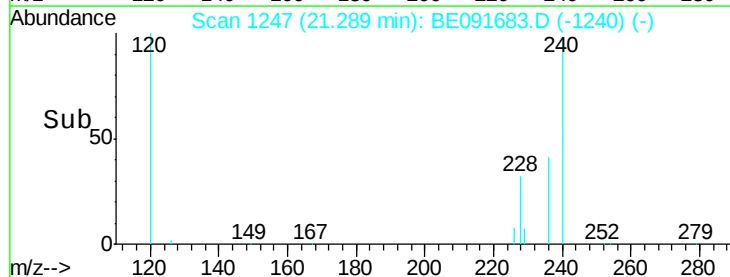
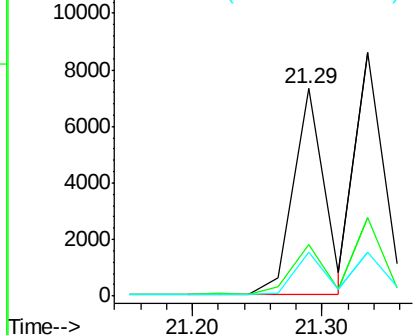


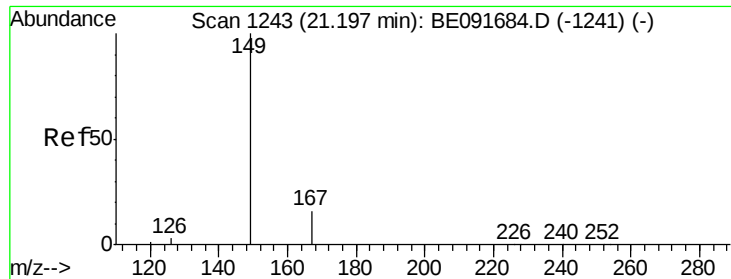
#32
 Chrysene
 Concen: 0.20 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Tgt Ion:228 Resp: 11964
 Ion Ratio Lower Upper
 228 100
 226 24.9 24.0 36.0
 229 21.2 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

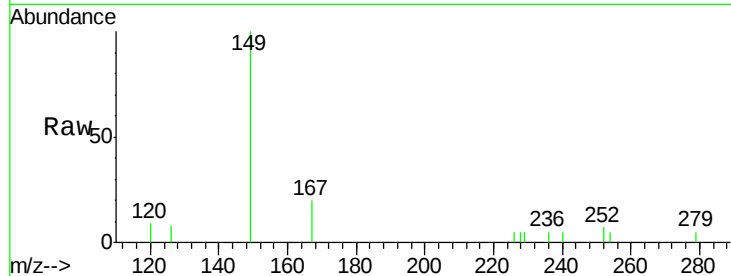




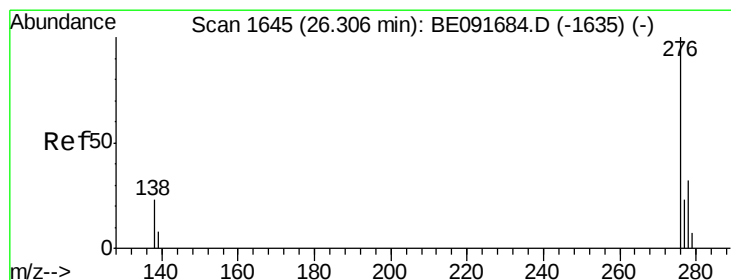
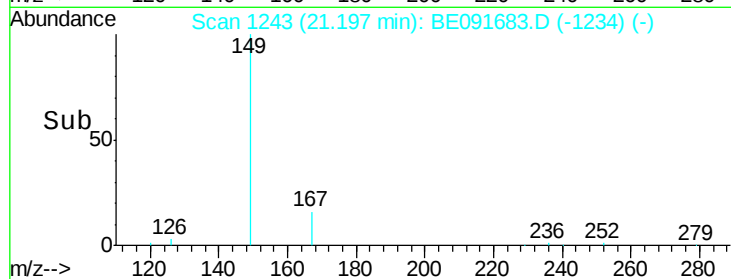
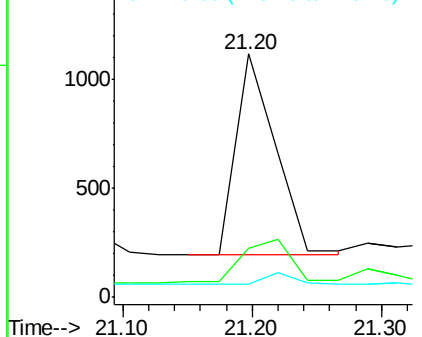
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Instrument :
 BNA_E
 ClientSampleID :

Tot Ion:149 Resp: 1970
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#

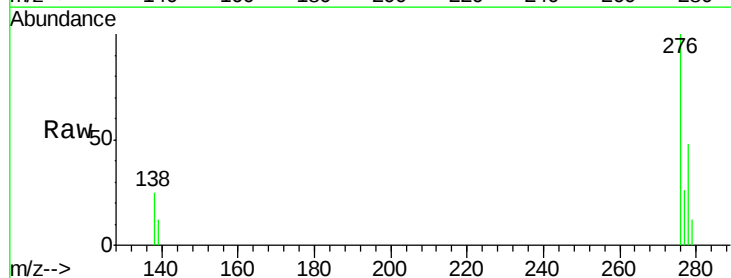


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

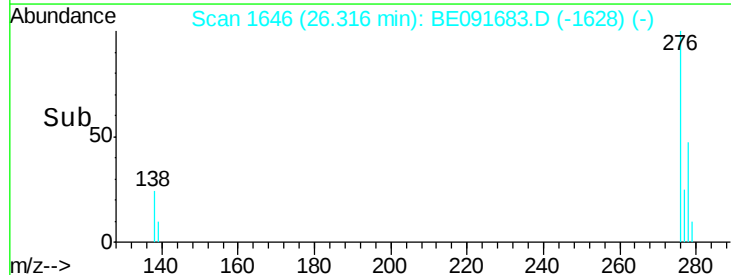
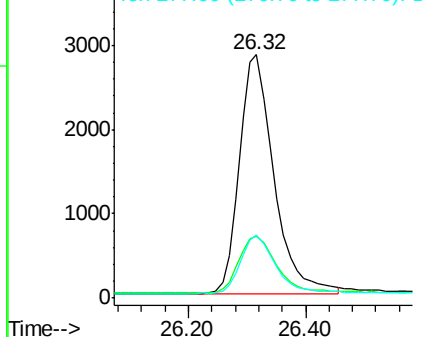


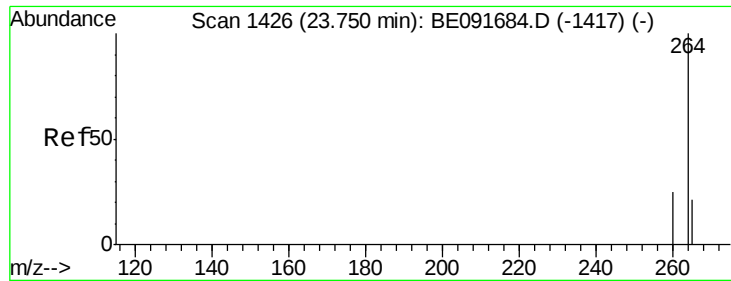
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.21 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. 0.01 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Tgt Ion:276 Resp: 11610
 Ion Ratio Lower Upper
 276 100
 138 25.9 23.4 35.2
 277 24.6 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

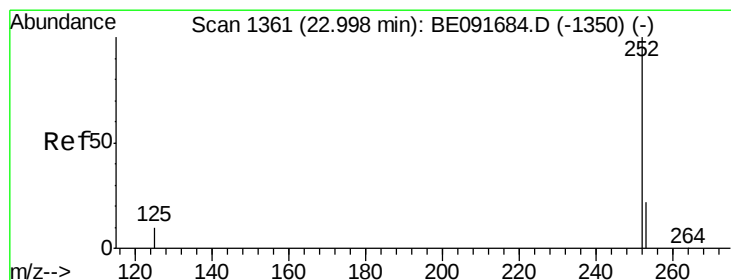
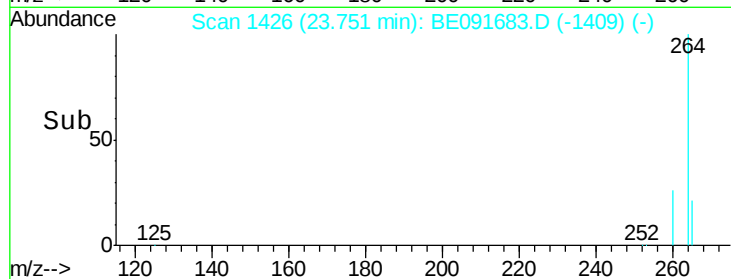
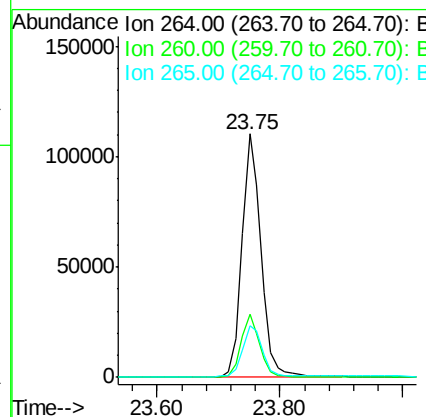
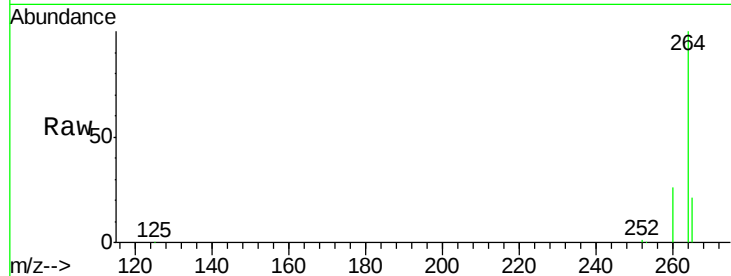




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

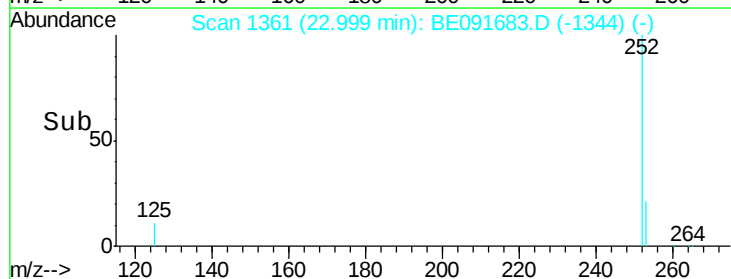
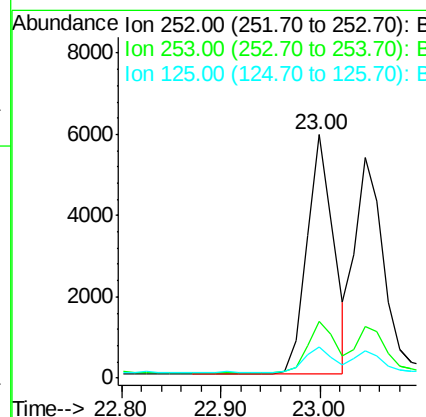
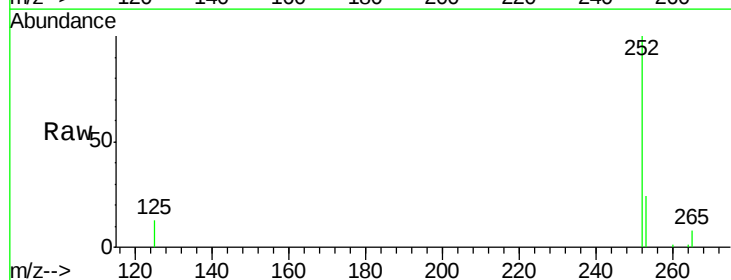
Instrument :
 BNA_E
 ClientSampleId :

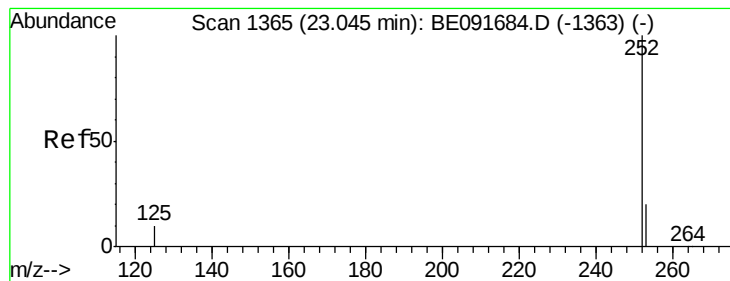
Tot Ion:264 Resp: 240059
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.0 30.0
 265 21.2 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.21 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BE091683.D
 Acq: 20 Apr 2016 13:49

Tgt Ion:252 Resp: 10967
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.4 26.0
 125 13.0 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.19 ng

RT: 23.05 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

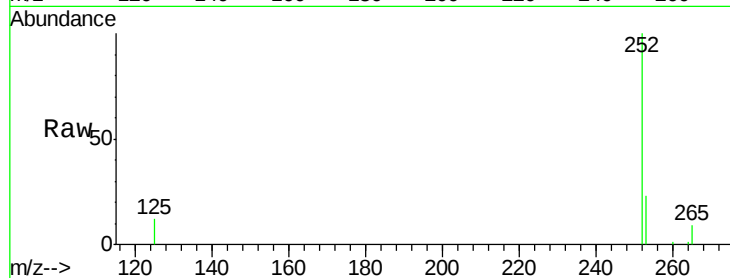
Tot Ion:252 Resp: 10775

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

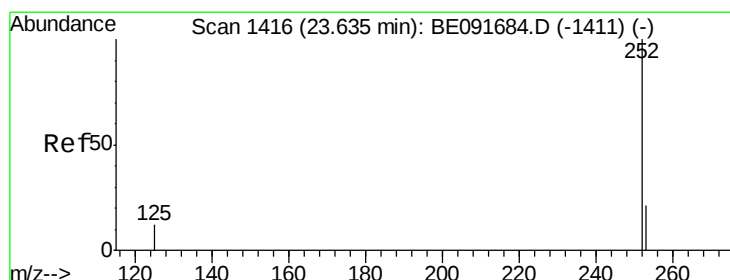
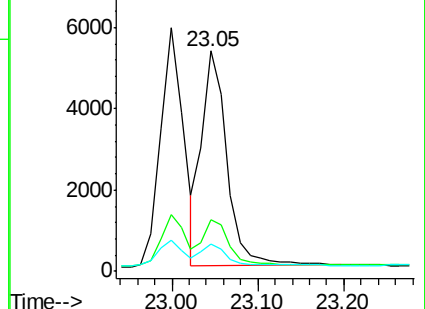
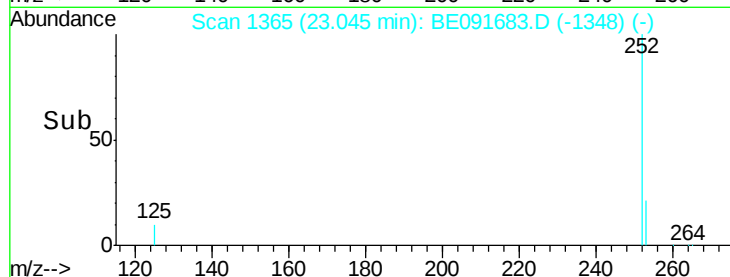
125 12.2 9.9 14.9



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: 0.18 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

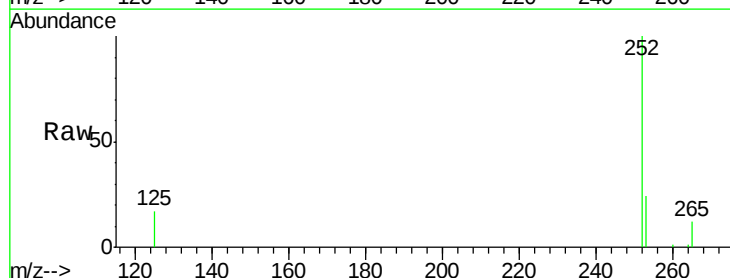
Tgt Ion:252 Resp: 9016

Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

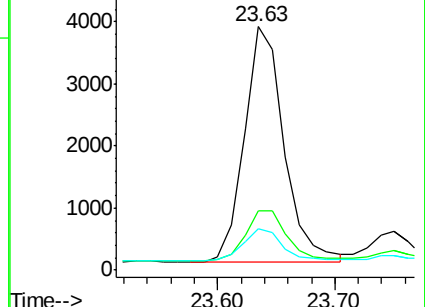
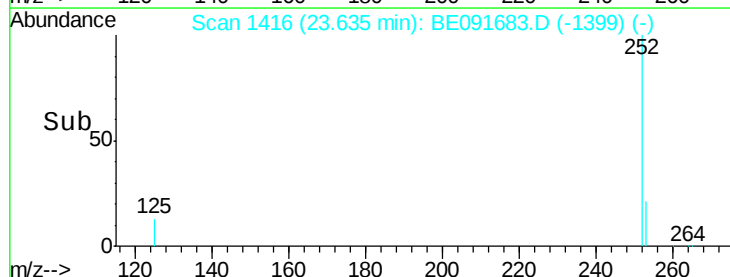
125 17.1 11.0 16.4#

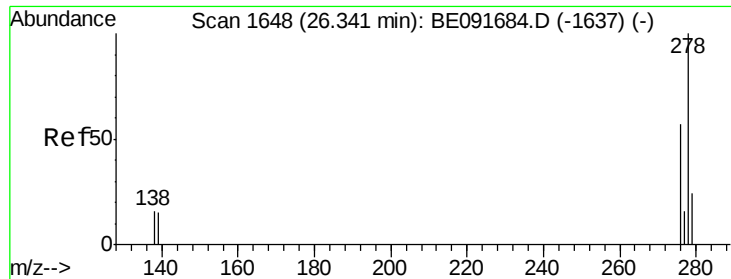


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.19 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.00 min

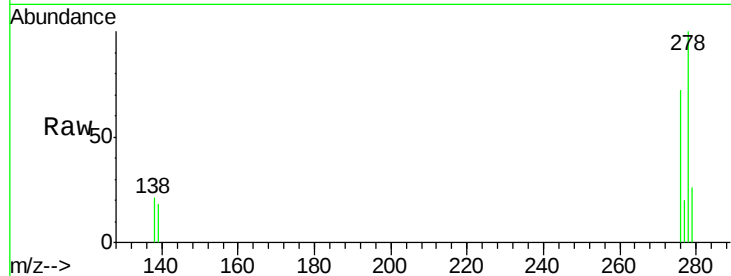
Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :



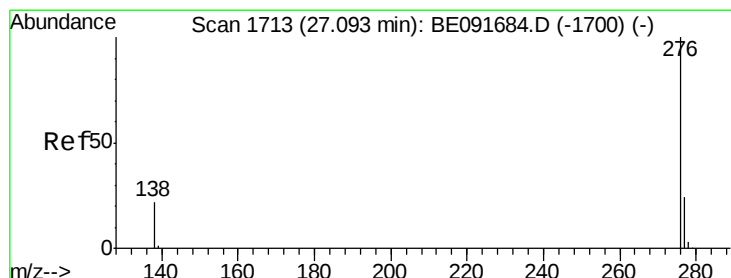
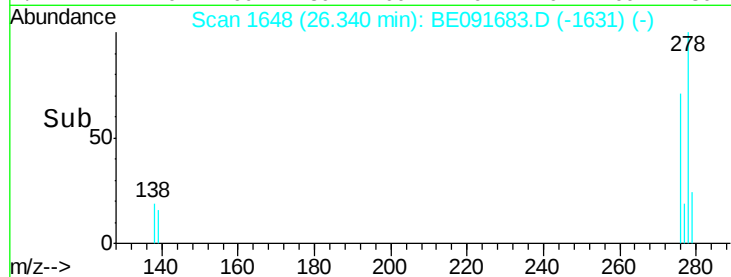
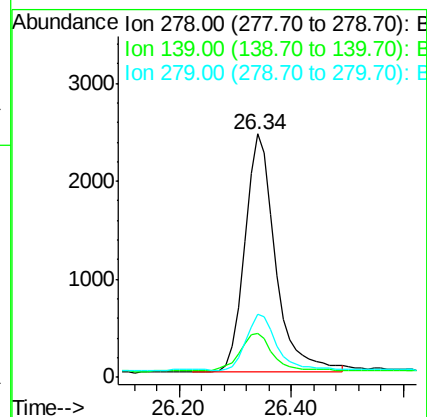
Tot Ion:278 Resp: 9366

Ion Ratio Lower Upper

278 100

139 18.0 16.0 24.0

279 26.2 19.4 29.2



#40

Benzo(g,h,i)perylene

Concen: 0.20 ng

RT: 27.10 min Scan# 1714

Delta R.T. 0.01 min

Lab File: BE091683.D

Acq: 20 Apr 2016 13:49

Tgt Ion:276 Resp: 9961

Ion Ratio Lower Upper

276 100

277 25.8 18.6 28.0

138 23.0 20.4 30.6

