

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091633.D
 Acq On : 11 Apr 2016 18:02
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 12 01:47:09 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	44268	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	214369	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	132194	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	330262	5.00	ng	0.00
26) Chrysene-d12	21.31	240	384139	5.00	ng	0.00
35) Perylene-d12	23.75	264	330867	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	3604	0.34	ng	0.00
5) Phenol-d6	6.97	99	4874	0.35	ng	0.00
8) Nitrobenzene-d5	8.96	82	4097	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	1706	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	14389	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	20717	0.43	ng	0.00

Target Compounds

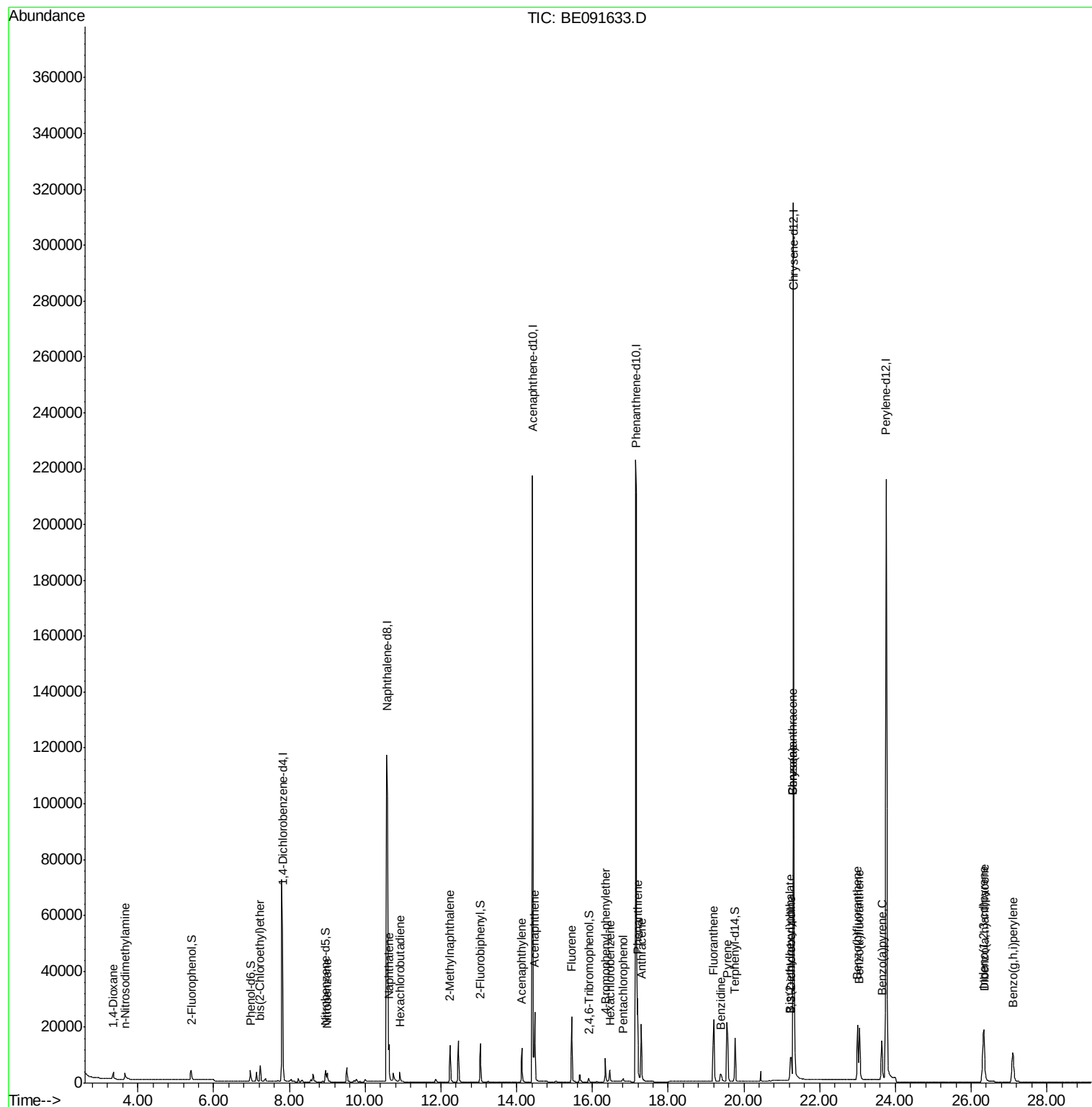
						Qvalue
2) 1,4-Dioxane	3.35	88	2188	0.37	ng	90
3) n-Nitrosodimethylamine	3.66	42	2437	0.36	ng	89
6) bis(2-Chloroethyl)ether	7.23	93	4641	0.38	ng	# 78
9) Nitrobenzene	9.00	77	4193	0.43	ng	96
10) Naphthalene	10.63	128	17524	0.40	ng	99
11) Hexachlorobutadiene	10.92	225	3274	0.50	ng	90
12) 2-Methylnaphthalene	12.24	142	10937	0.39	ng	96
16) Acenaphthylene	14.14	152	18439	0.36	ng	# 81
17) Acenaphthene	14.47	154	13276	0.41	ng	90
18) Fluorene	15.46	166	15481	0.38	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	4353	0.37	ng	97
21) Hexachlorobenzene	16.46	284	4798	0.40	ng	97
22) Pentachlorophenol	16.81	266	1284	0.42	ng	92
23) Phenanthrene	17.19	178	30727	0.41	ng	100
24) Anthracene	17.29	178	25336	0.38	ng	99
25) Fluoranthene	19.21	202	29290	0.37	ng	98
27) Benzidine	19.38	184	7504	0.52	ng	# 79
28) Pyrene	19.55	202	29530	0.38	ng	99
30) Benzo(a)anthracene	21.29	228	68320	0.79	ng	99
31) 3,3'-Dichlorobenzidine	21.24	252	11667	0.34	ng	# 81
32) Chrysene	21.29	228	68814	0.88	ng	95
33) Bis(2-ethylhexyl)phthalate	21.22	149	5458	0.35	ng	# 84
34) Indeno(1,2,3-cd)pyrene	26.32	276	30279	0.35	ng	97
36) Benzo(b)fluoranthene	23.00	252	27870	0.36	ng	98
37) Benzo(k)fluoranthene	23.05	252	29175	0.39	ng	98
38) Benzo(a)pyrene	23.65	252	24541	0.34	ng	98
39) Dibenzo(a,h)anthracene	26.34	278	24802	0.35	ng	97
40) Benzo(g,h,i)perylene	27.10	276	26095	0.36	ng	96

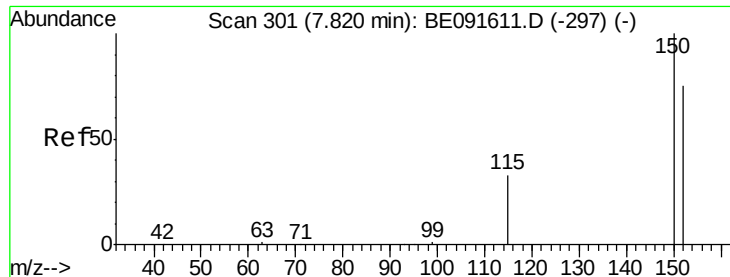
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

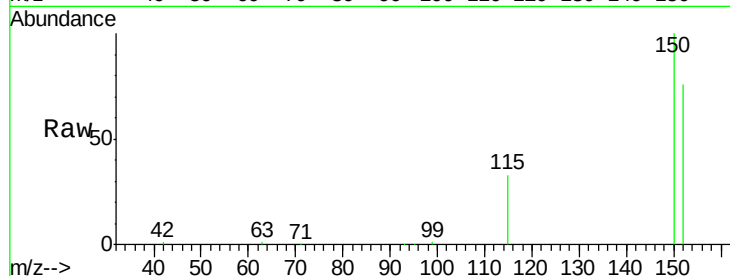
Tgt Ion:152 Resp: 44268

Ion Ratio Lower Upper

152 100

150 131.3 122.6 183.8

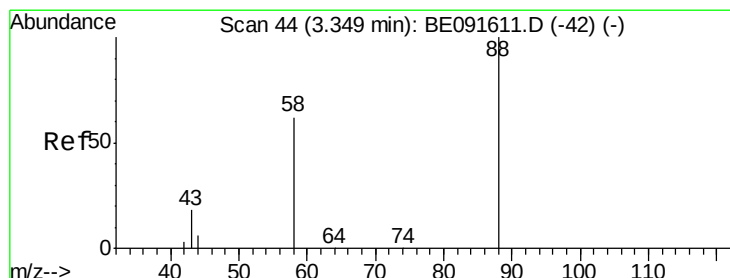
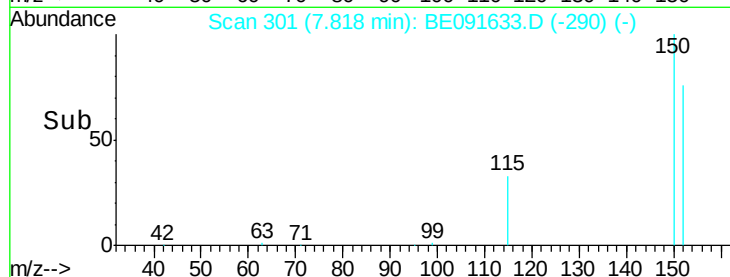
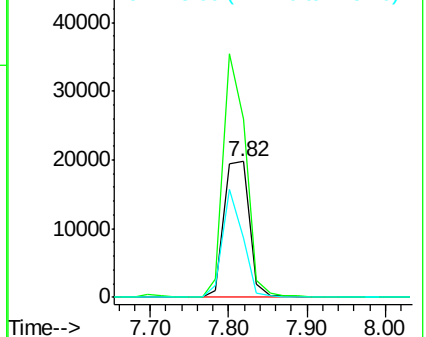
115 43.4 52.8 79.2#



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: BE091633.D

Acq: 11 Apr 2016 18:02

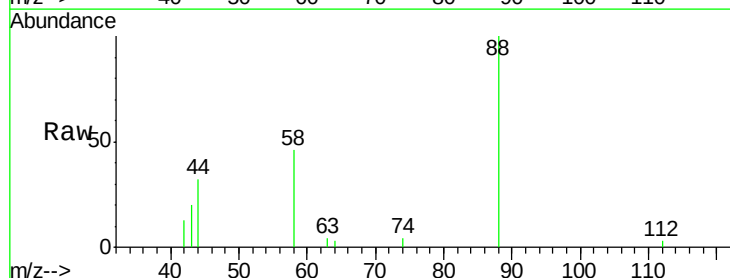
Tgt Ion: 88 Resp: 2188

Ion Ratio Lower Upper

88 100

58 73.1 65.8 98.6

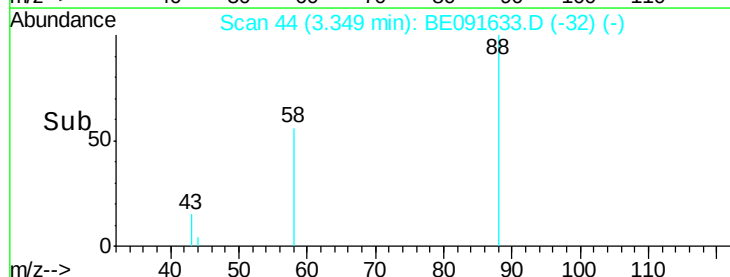
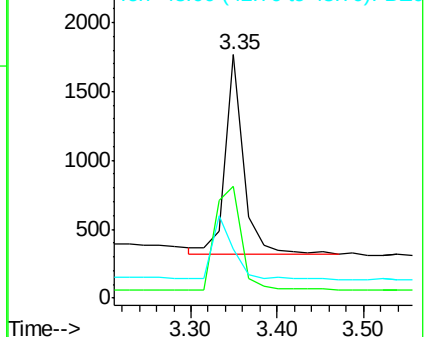
43 36.0 25.3 37.9

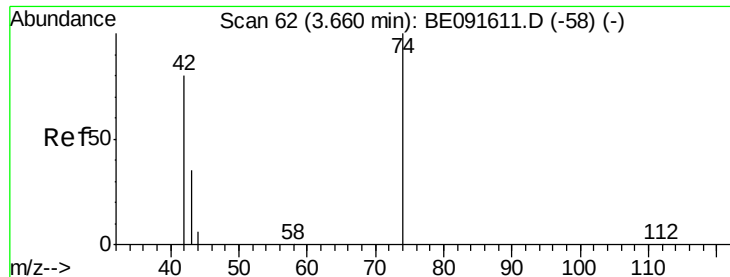


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.66 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

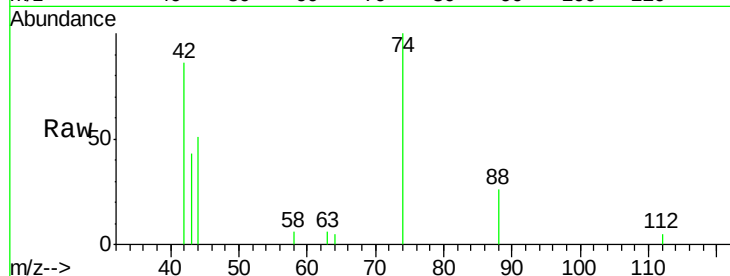
Tgt Ion: 42 Resp: 2437

Ion Ratio Lower Upper

42 100

74 97.8 87.9 131.9

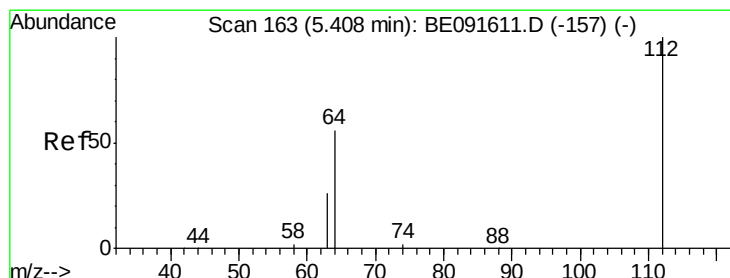
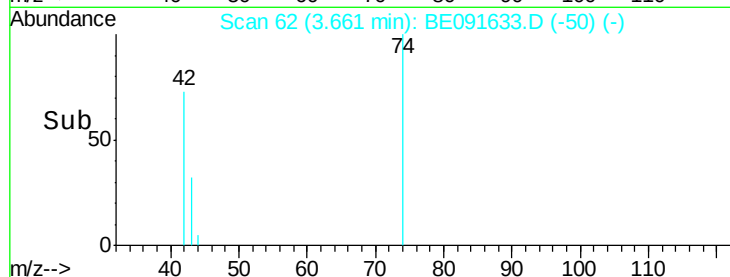
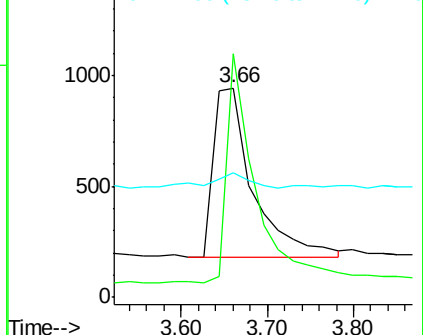
44 9.4 6.6 9.8



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: 0.34 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

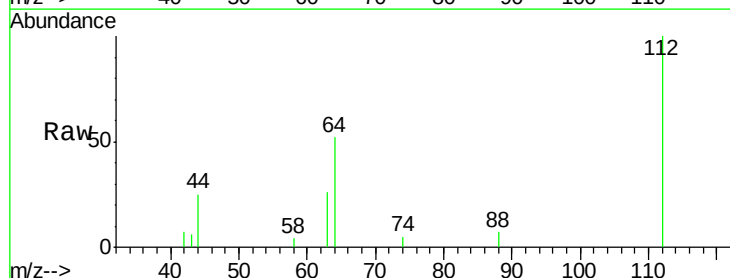
Tgt Ion: 112 Resp: 3604

Ion Ratio Lower Upper

112 100

64 68.5 30.9 46.3#

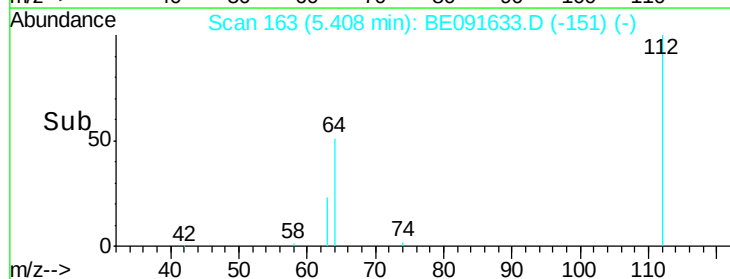
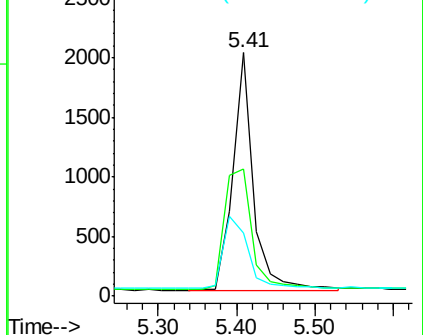
63 37.1 16.7 25.1#

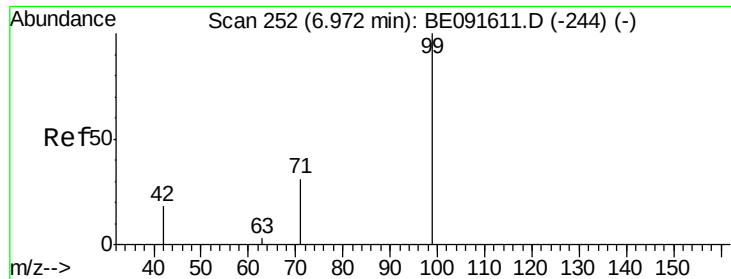


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

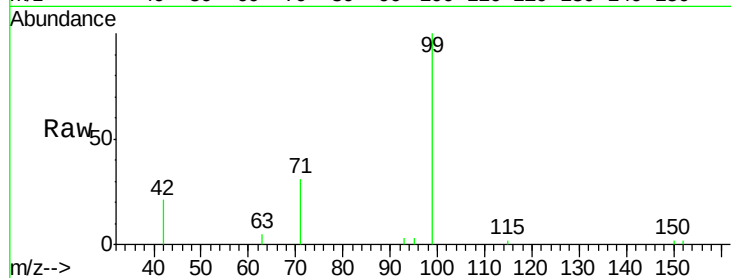
Tgt Ion: 99 Resp: 4874

Ion Ratio Lower Upper

99 100

42 27.1 16.2 24.2#

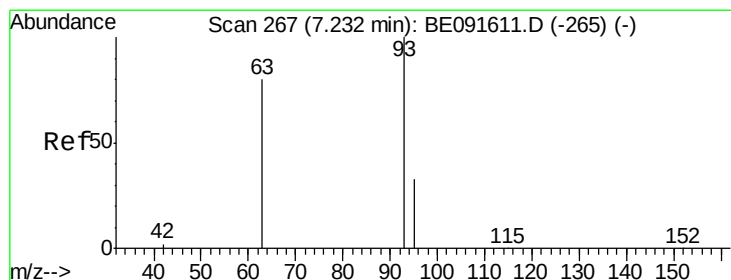
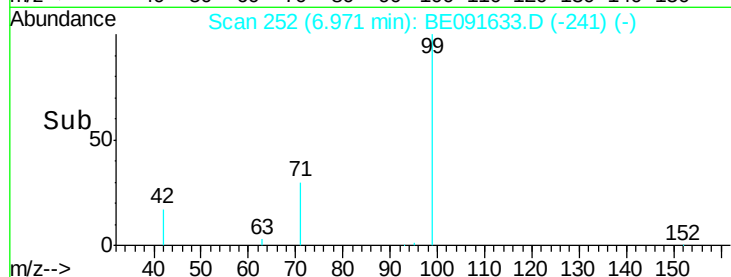
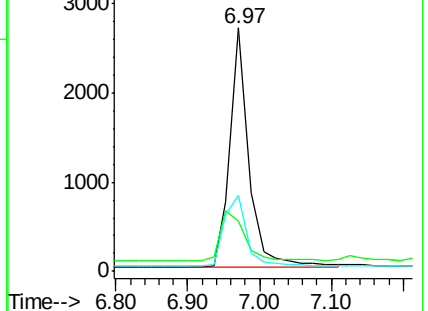
71 35.9 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

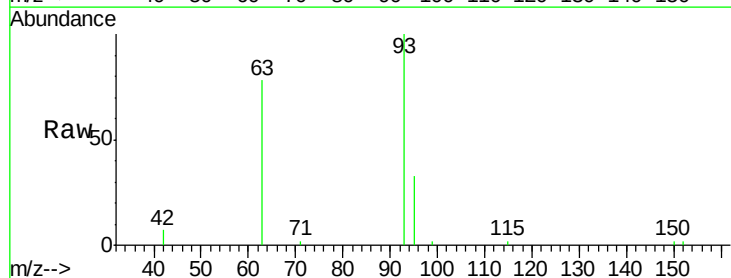
Tgt Ion: 93 Resp: 4641

Ion Ratio Lower Upper

93 100

63 84.4 49.5 74.3#

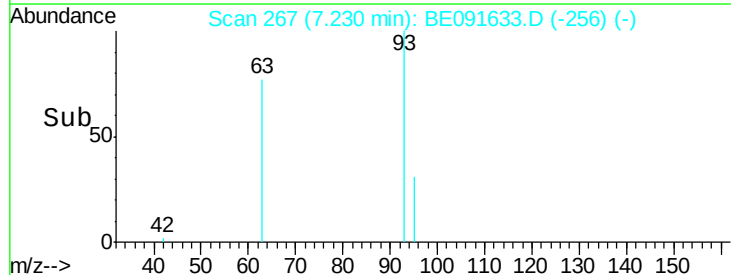
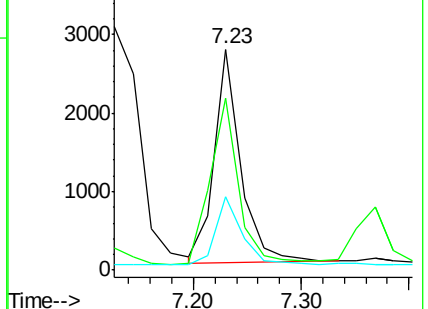
95 31.7 22.2 33.4

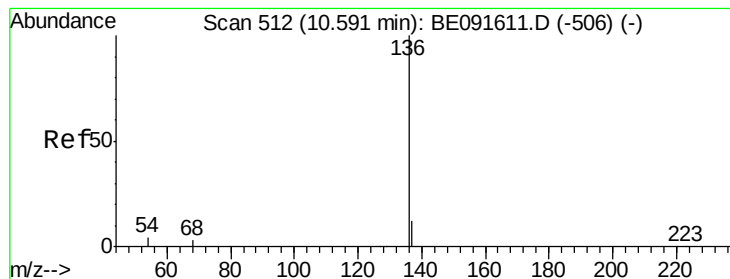


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.02 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 214369

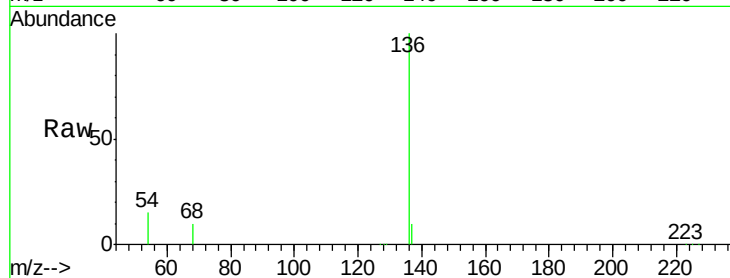
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 14.9 8.2 12.4#

68 9.7 6.2 9.4#

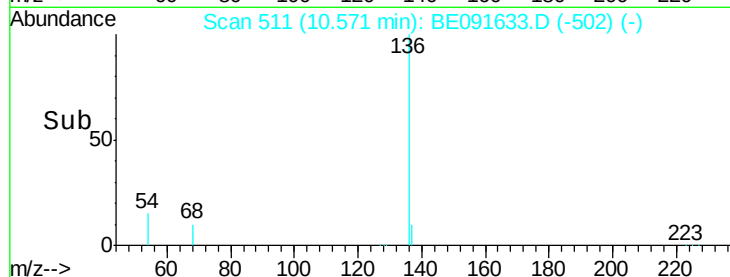


Abundance Ion 136.00 (135.70 to 136.70): E

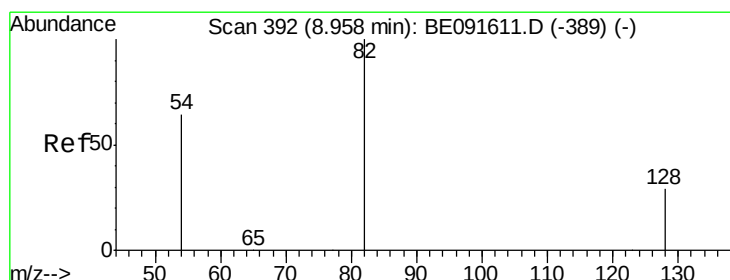
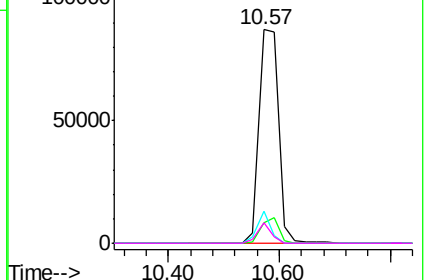
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.33 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

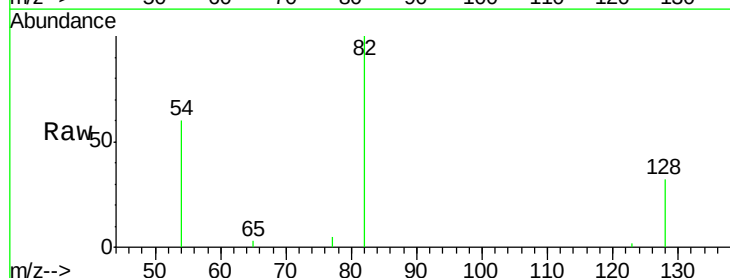
Tgt Ion: 82 Resp: 4097

Ion Ratio Lower Upper

82 100

128 32.0 25.4 38.0

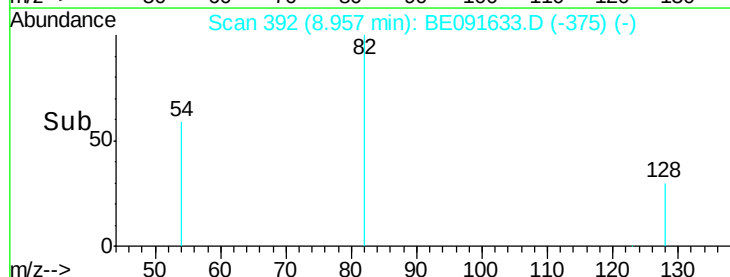
54 60.1 48.4 72.6



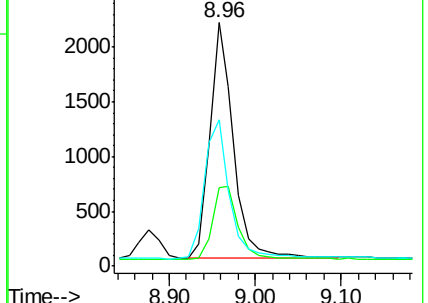
Abundance Ion 82.00 (81.70 to 82.70): BE0

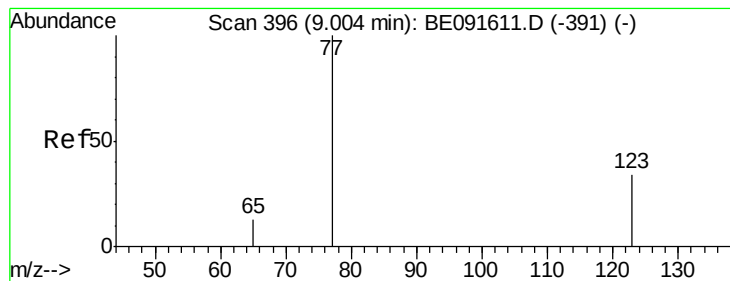
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Nitrobenzene

Concen: 0.43 ng

RT: 9.00 min Scan# 396

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

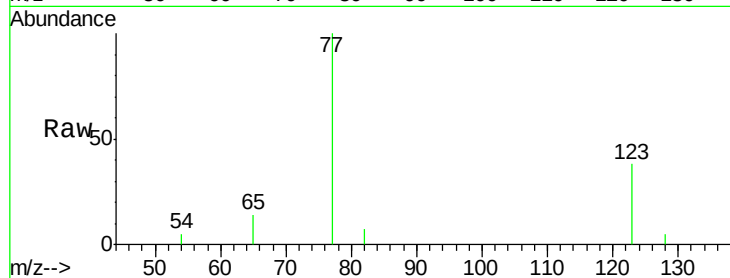
Tgt Ion: 77 Resp: 4193

Ion Ratio Lower Upper

77 100

123 35.7 26.9 40.3

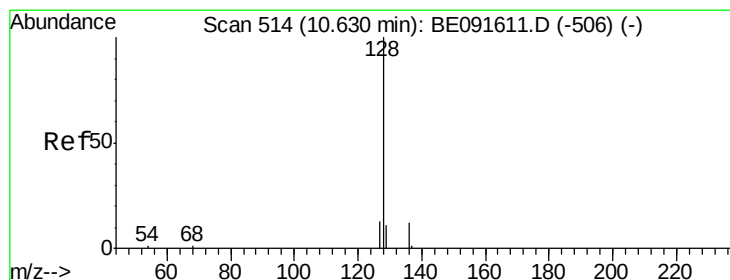
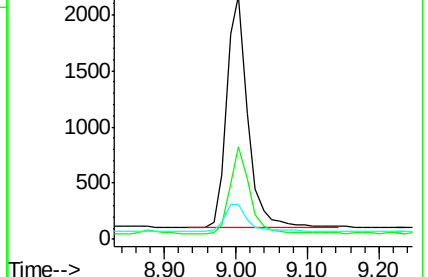
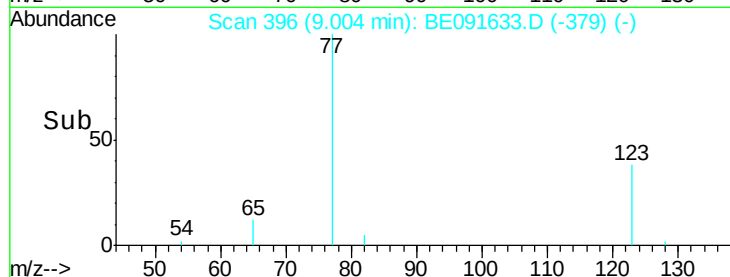
65 13.5 9.4 14.2



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

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

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



#10

Naphthalene

Concen: 0.40 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

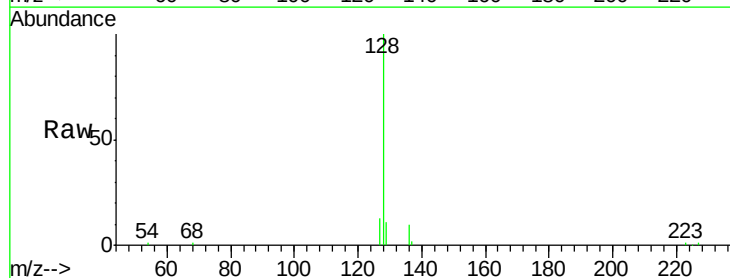
Tgt Ion: 128 Resp: 17524

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

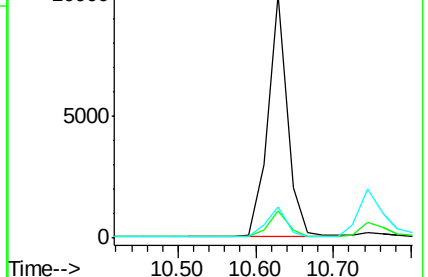
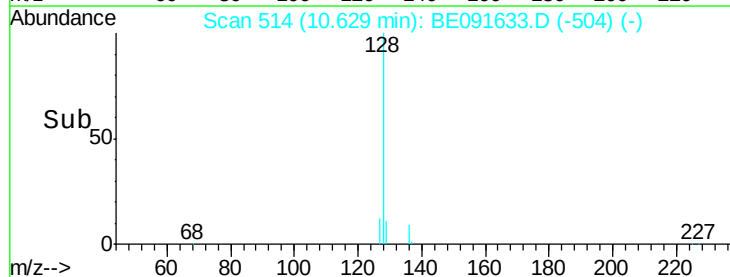
127 12.8 10.7 16.1

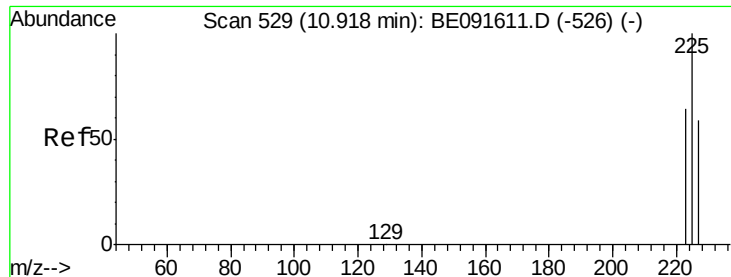


Abundance Ion 128.00 (127.70 to 128.70): BE091611.D (-506) (-)

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

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

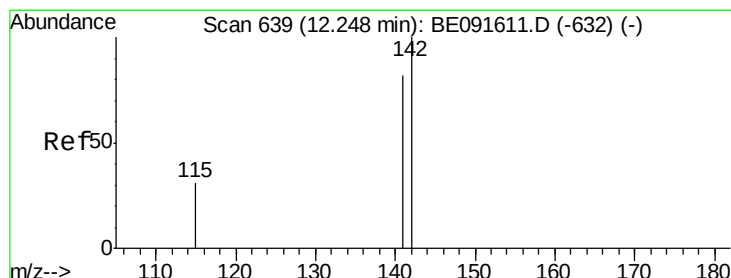
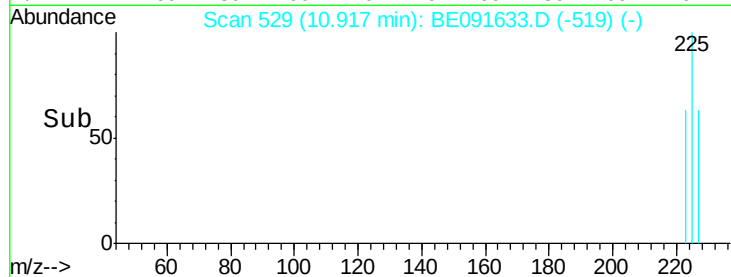
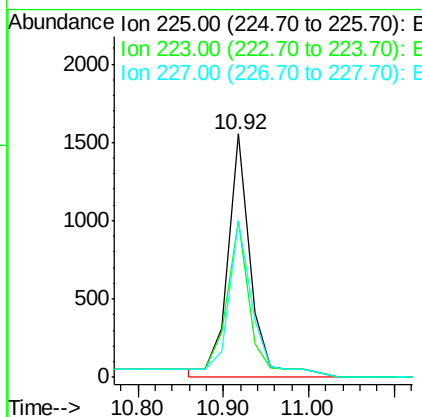
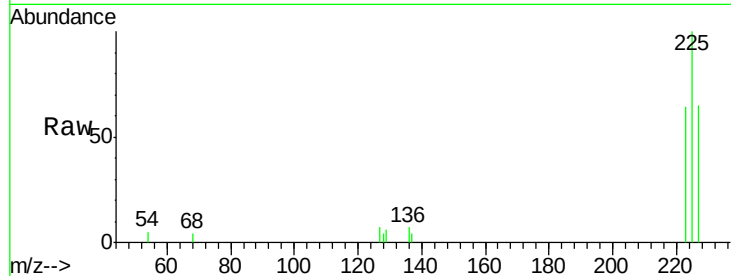




#11
Hexachlorobutadiene
Concen: 0.50 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

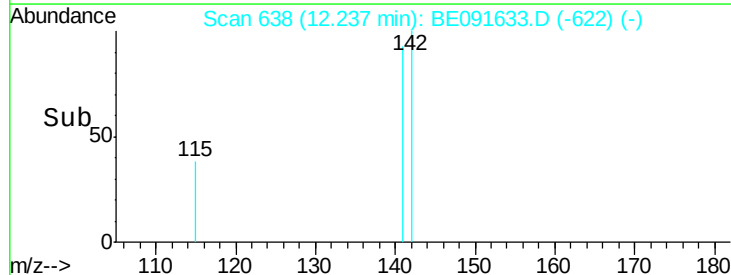
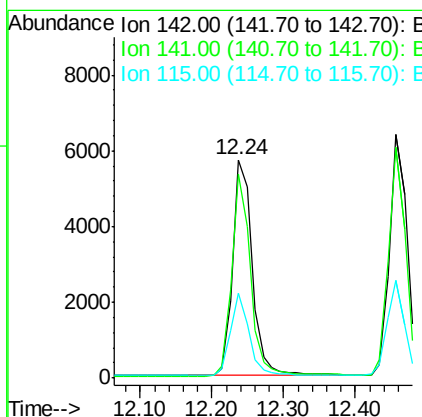
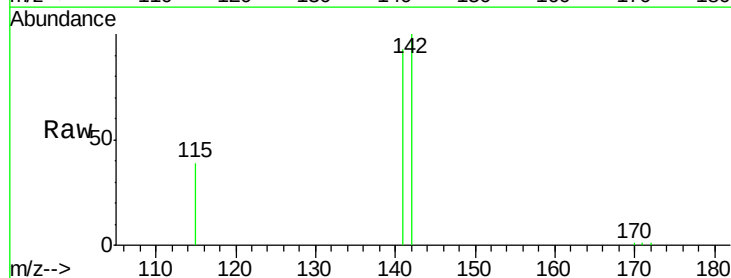
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

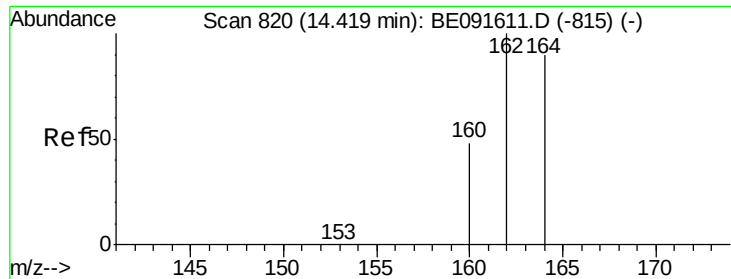
Tgt Ion: 225 Resp: 3274
Ion Ratio Lower Upper
225 100
223 70.2 49.0 73.6
227 69.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion: 142 Resp: 10937
Ion Ratio Lower Upper
142 100
141 93.2 71.4 107.0
115 39.1 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: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

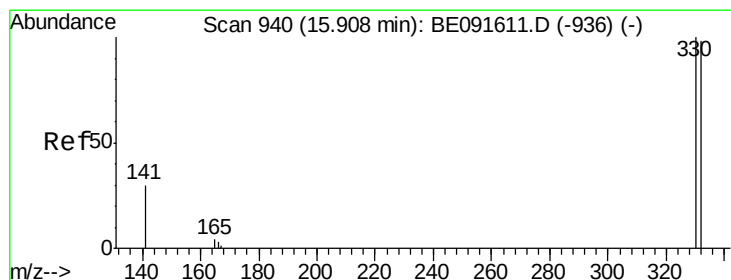
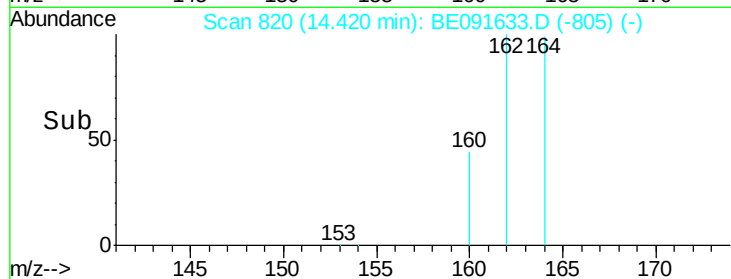
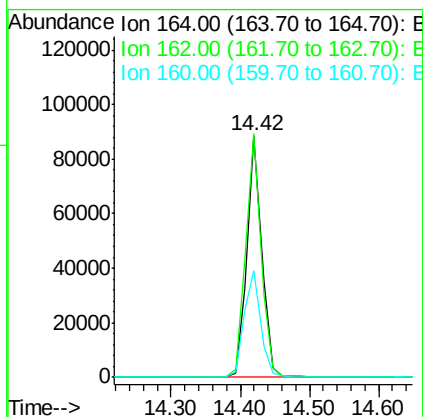
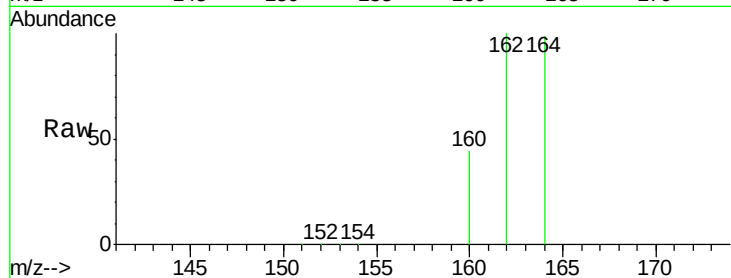
Tgt Ion:164 Resp: 132194

Ion Ratio Lower Upper

164 100

162 100.8 85.3 127.9

160 44.2 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.58 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

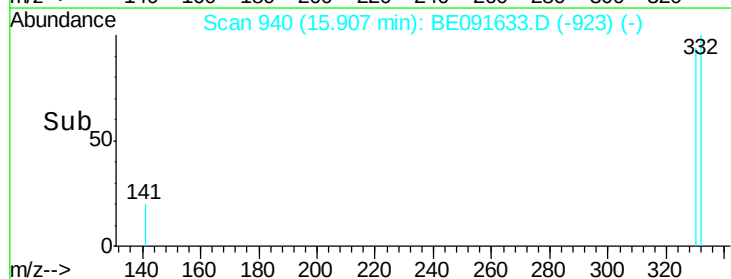
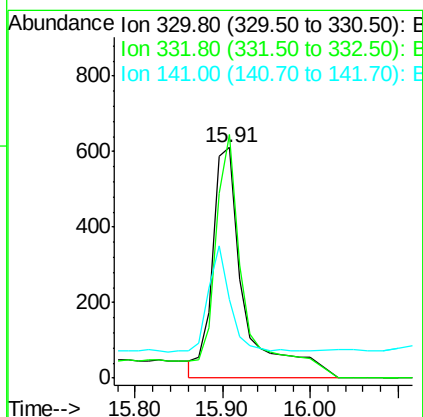
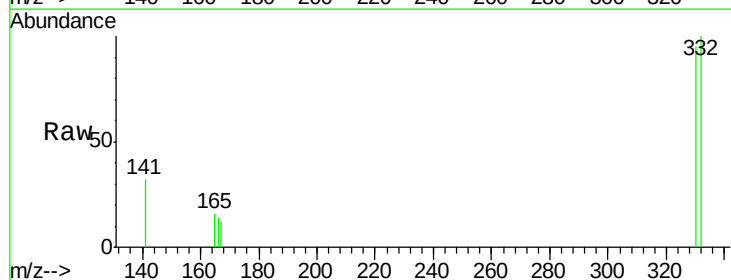
Tgt Ion:330 Resp: 1706

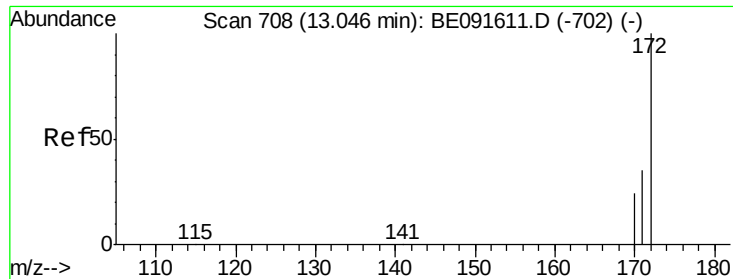
Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 28.1 125.4 188.0#

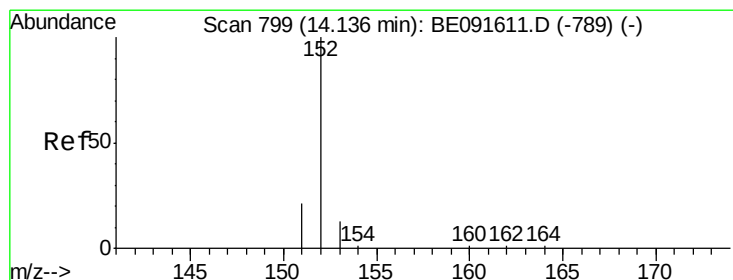
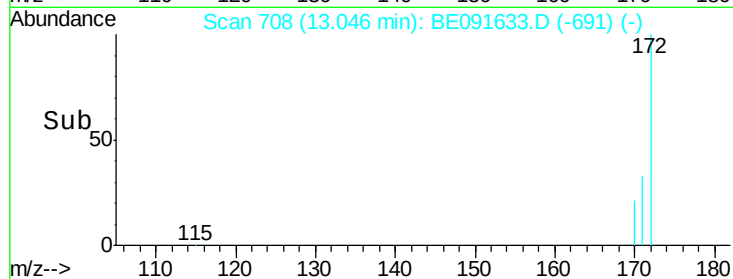
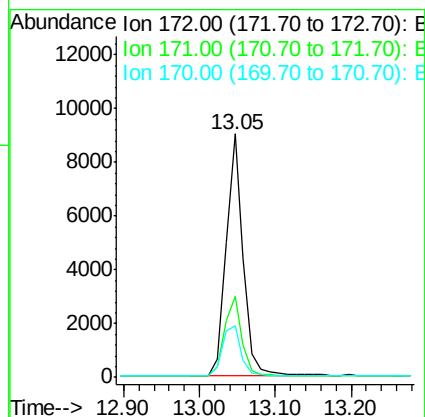
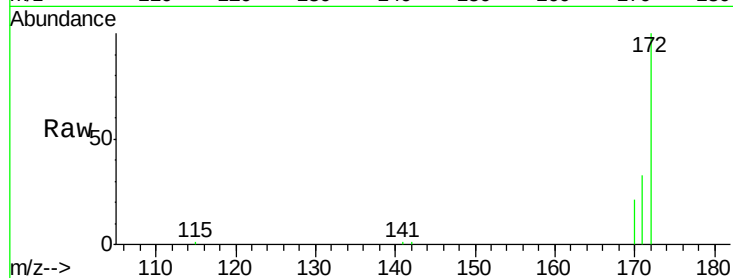




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

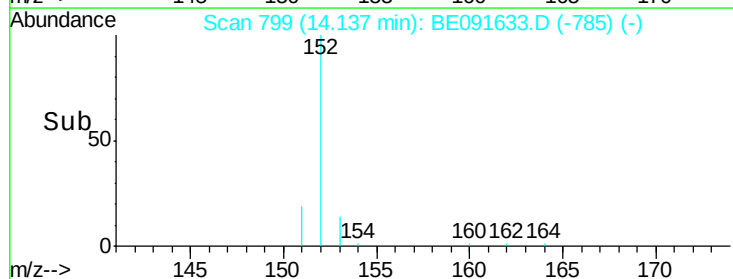
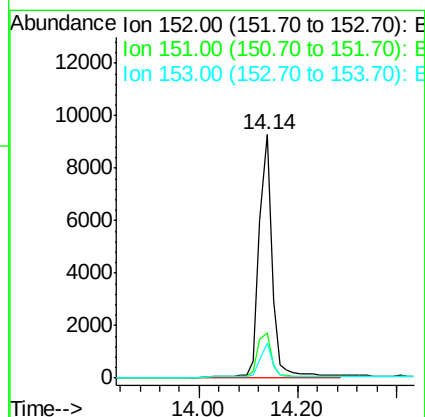
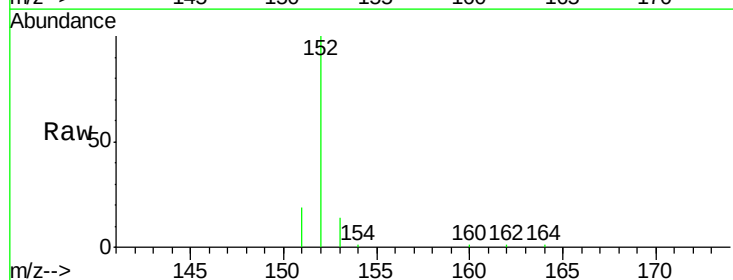
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

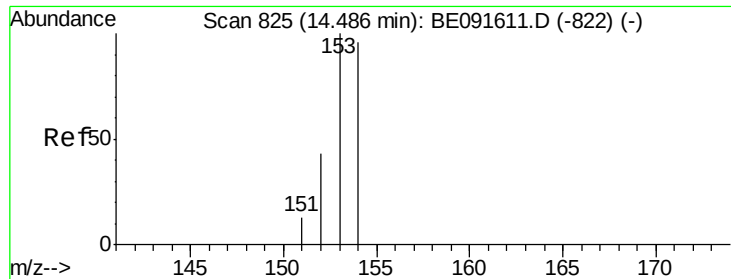
Tgt Ion:172 Resp: 14389
Ion Ratio Lower Upper
172 100
171 33.2 28.8 43.2
170 21.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion:152 Resp: 18439
Ion Ratio Lower Upper
152 100
151 17.4 3.9 5.9#
153 17.5 10.3 15.5#

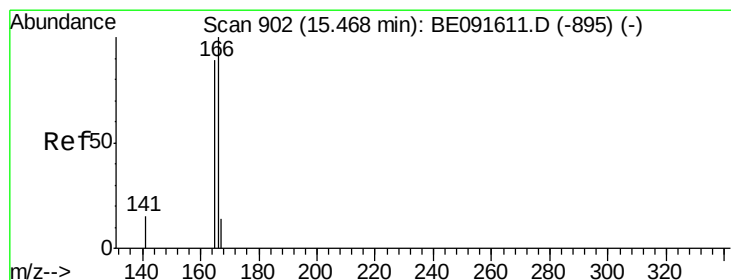
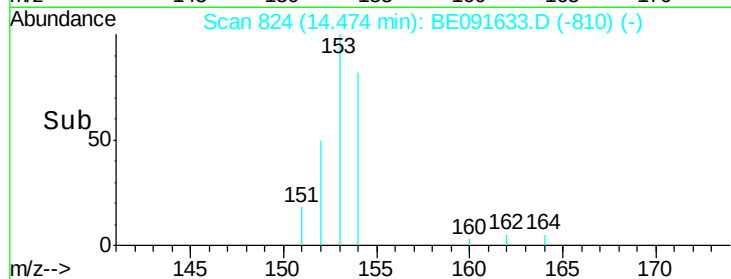
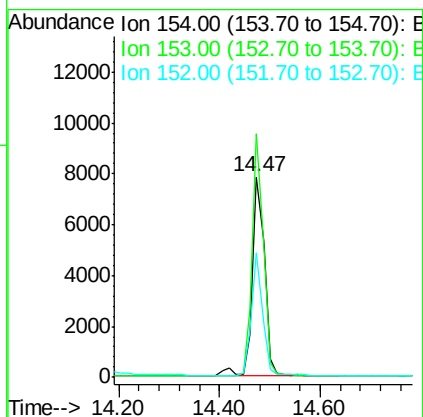
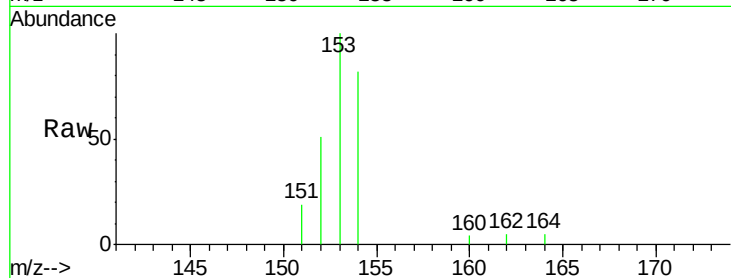




#17
Acenaphthene
Concen: 0.41 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

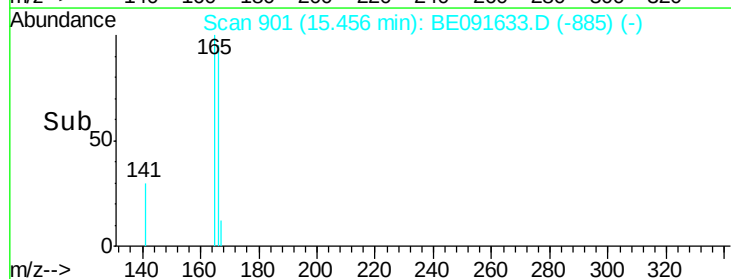
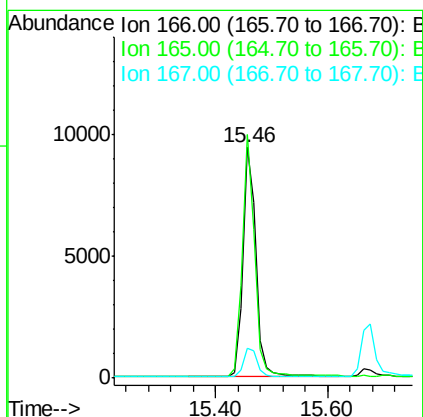
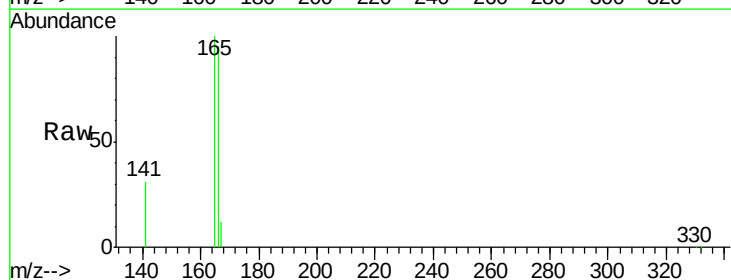
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

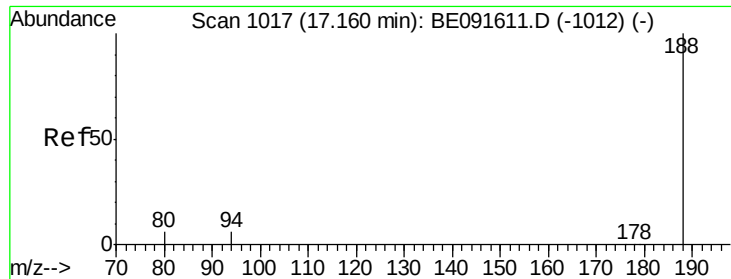
Tgt Ion:154 Resp: 13276
Ion Ratio Lower Upper
154 100
153 110.9 80.0 120.0
152 55.2 40.0 60.0



#18
Fluorene
Concen: 0.38 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion:166 Resp: 15481
Ion Ratio Lower Upper
166 100
165 100.2 80.8 121.2
167 13.3 10.9 16.3

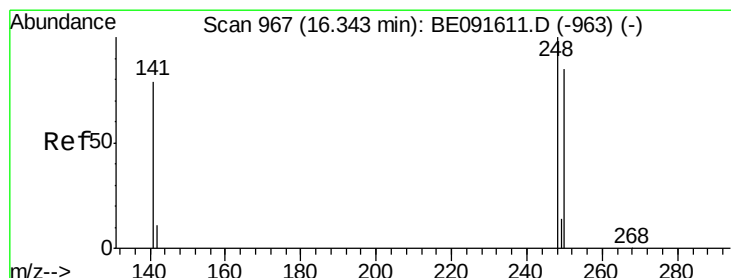
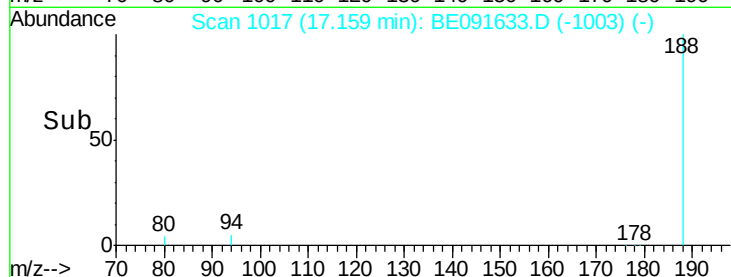
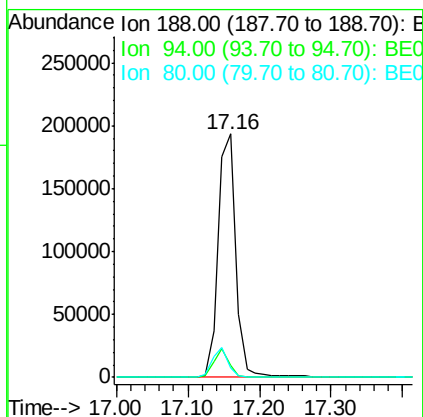
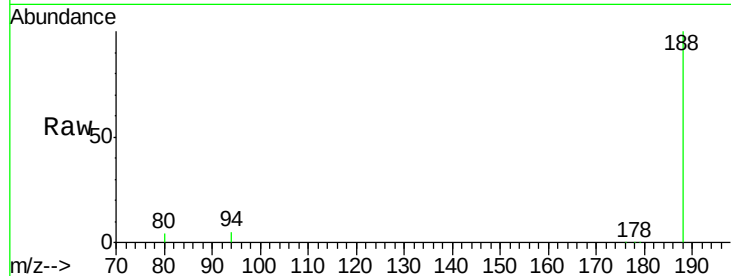




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

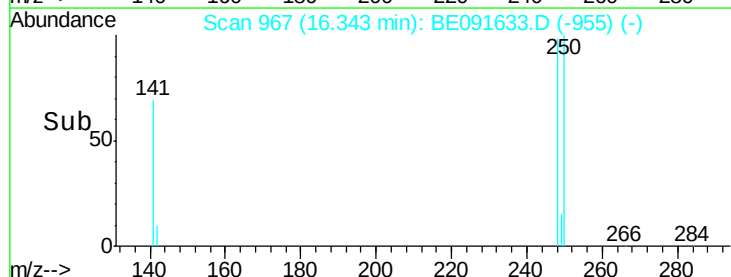
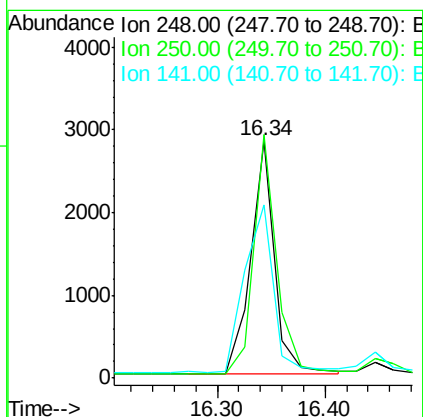
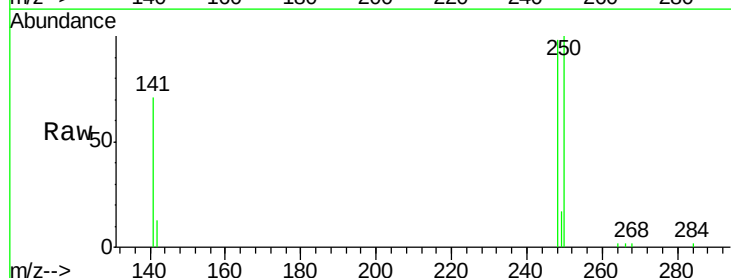
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

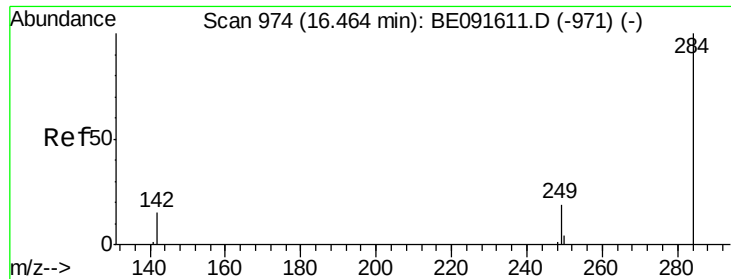
Tgt Ion:188 Resp: 330262
Ion Ratio Lower Upper
188 100
94 4.9 8.7 13.1#
80 4.1 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion:248 Resp: 4353
Ion Ratio Lower Upper
248 100
250 99.2 80.5 120.7
141 86.2 72.0 108.0

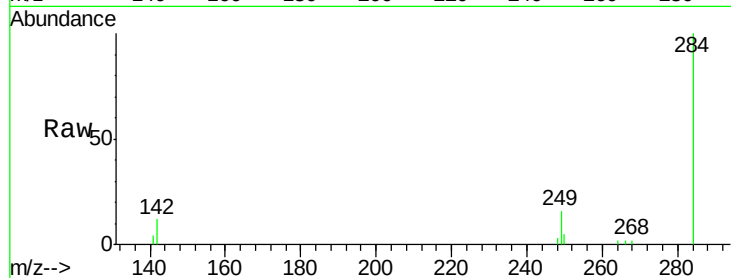




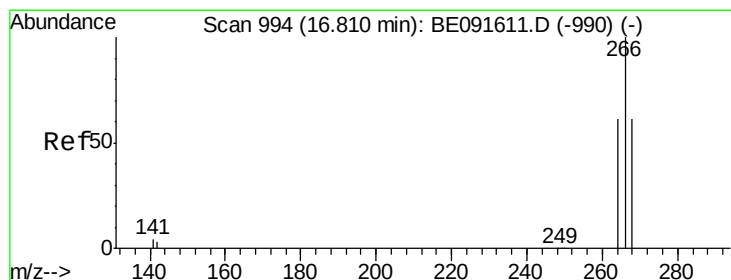
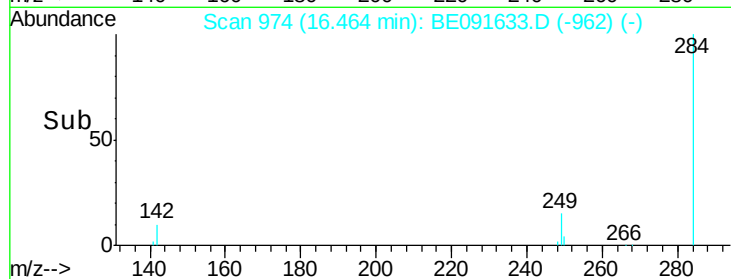
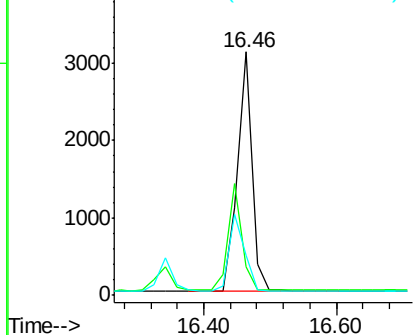
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 4798
Ion Ratio Lower Upper
284 100
142 41.5 32.2 48.2
249 33.7 25.4 38.2

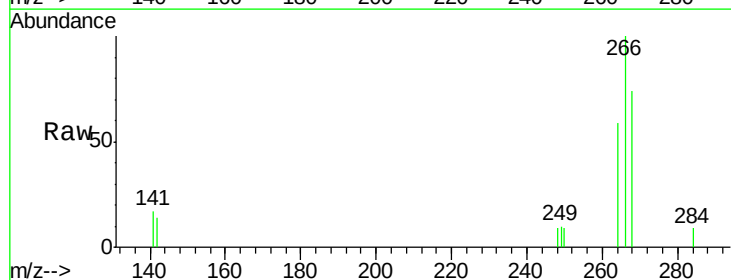


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

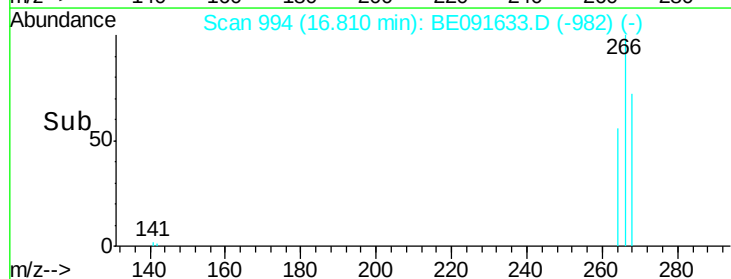
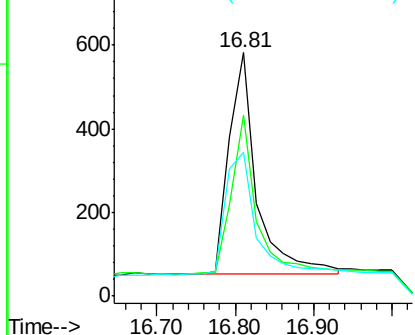


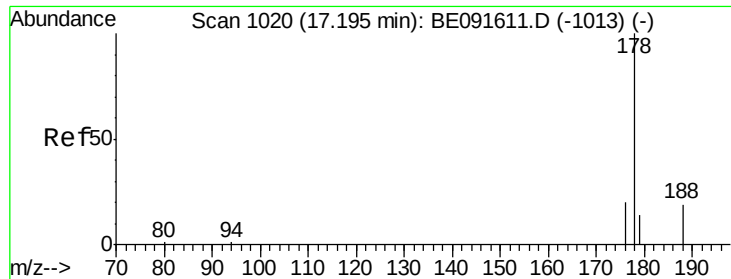
#22
Pentachlorophenol
Concen: 0.42 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion: 266 Resp: 1284
Ion Ratio Lower Upper
266 100
268 74.2 58.2 87.2
264 59.3 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: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

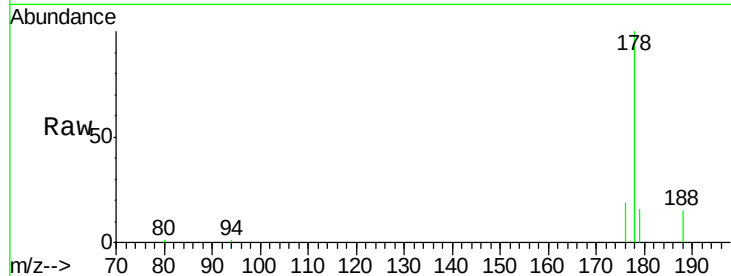
Tgt Ion:178 Resp: 30727

Ion Ratio Lower Upper

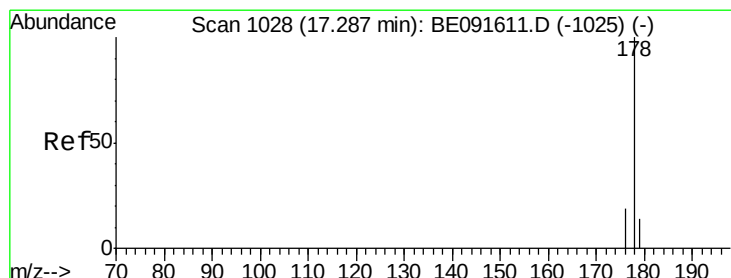
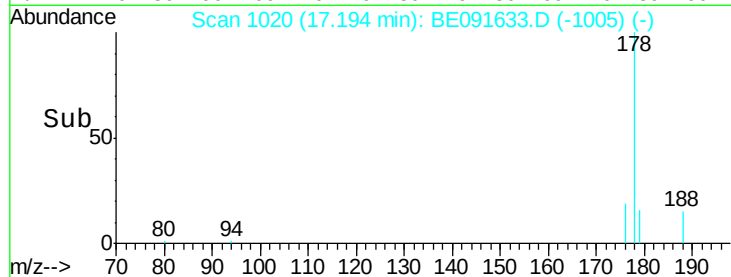
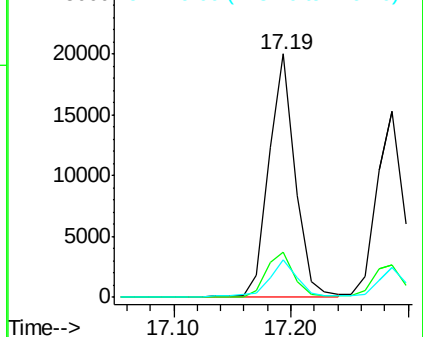
178 100

176 19.2 15.3 22.9

179 16.0 12.6 18.8



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



#24

Anthracene

Concen: 0.38 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

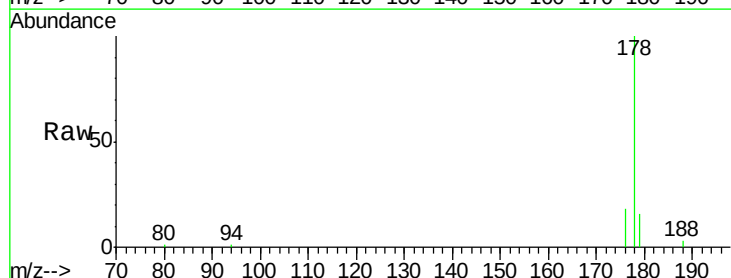
Tgt Ion:178 Resp: 25336

Ion Ratio Lower Upper

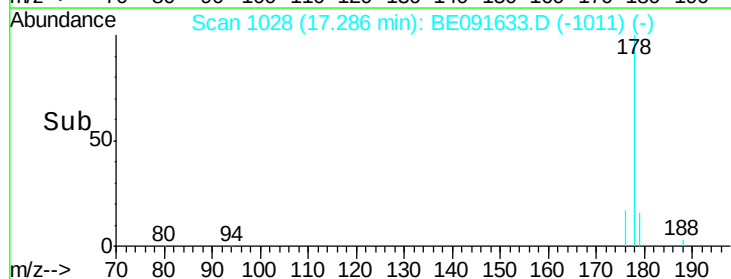
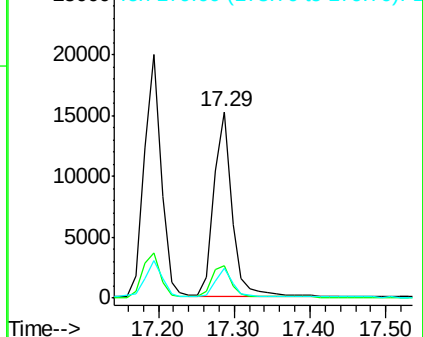
178 100

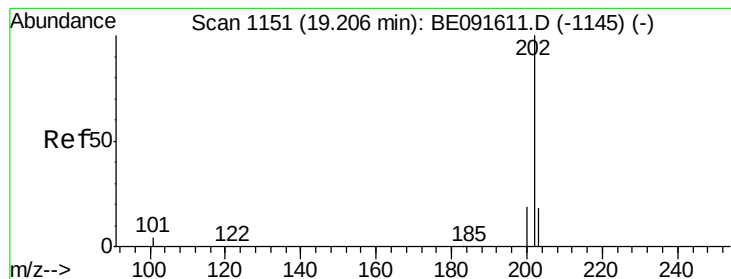
176 18.8 14.6 21.8

179 15.3 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: 0.37 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

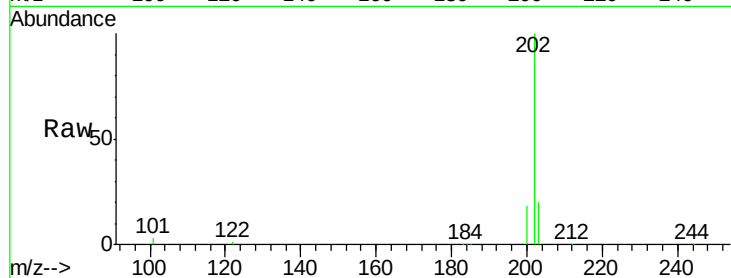
Tgt Ion:202 Resp: 29290

Ion Ratio Lower Upper

202 100

101 11.8 11.0 16.6

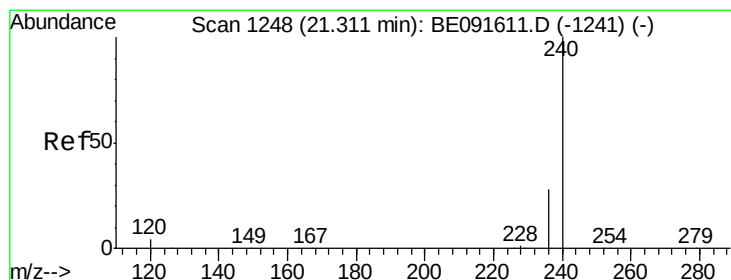
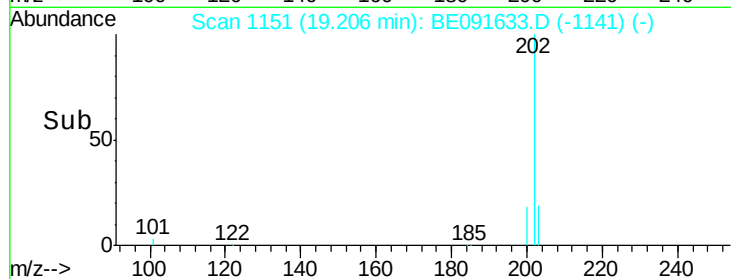
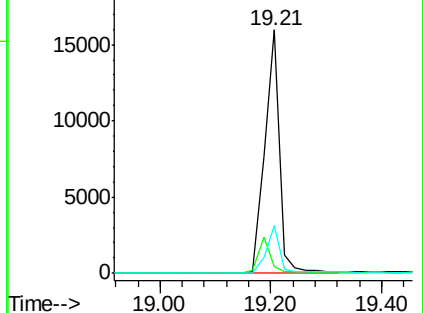
203 17.4 13.9 20.9



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# 1248

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

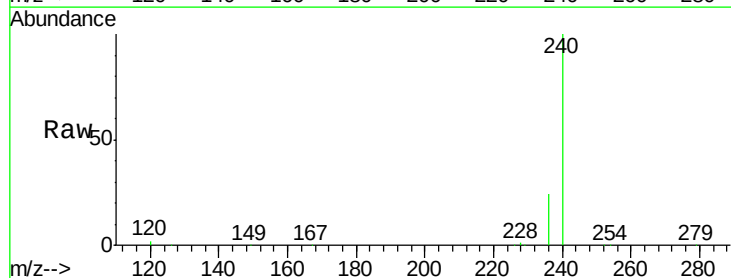
Tgt Ion:240 Resp: 384139

Ion Ratio Lower Upper

240 100

120 1.6 11.0 16.4#

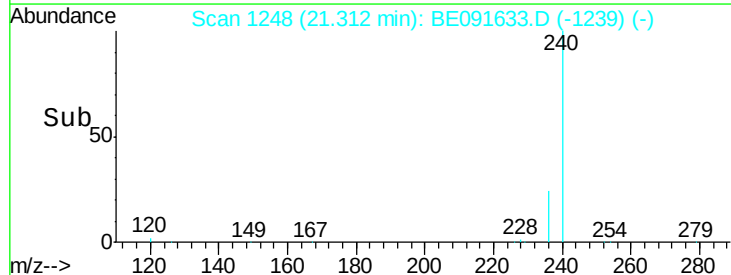
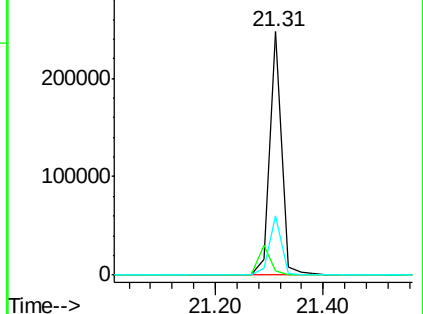
236 24.2 21.7 32.5

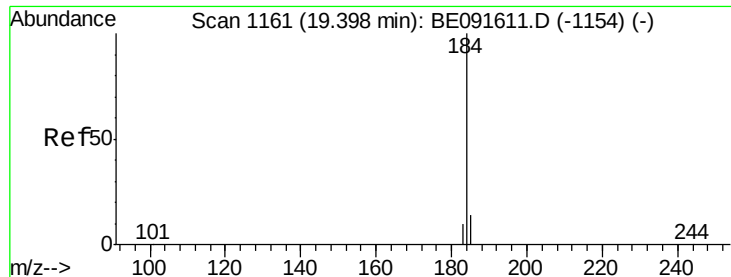


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

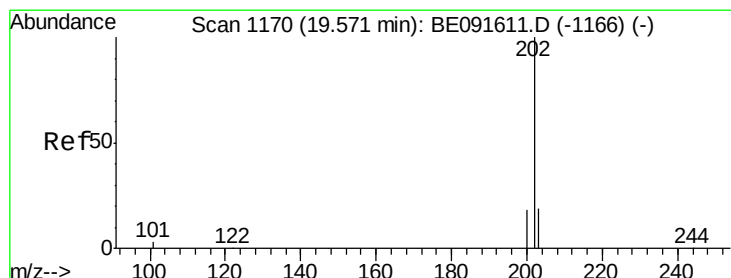
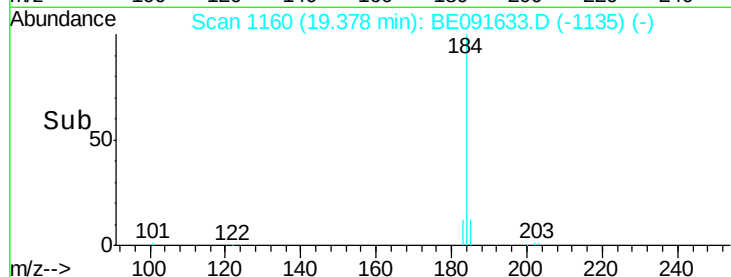
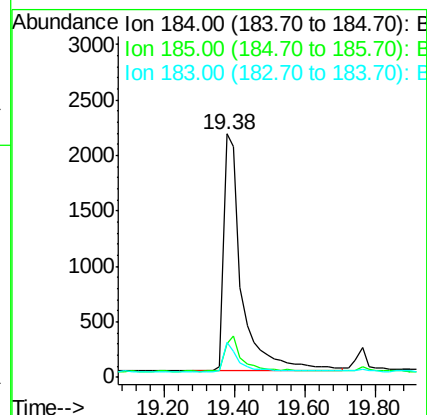
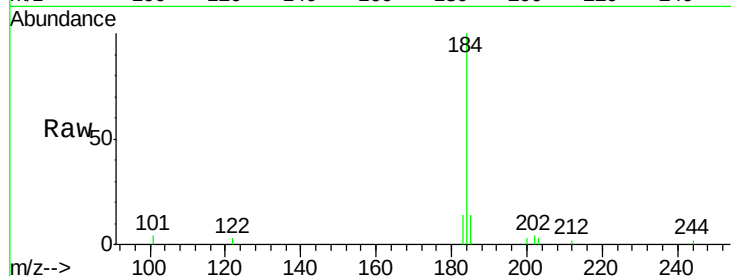




#27
Benzidine
Concen: 0.52 ng
RT: 19.38 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

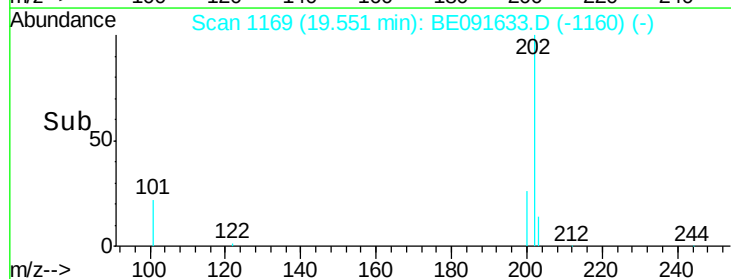
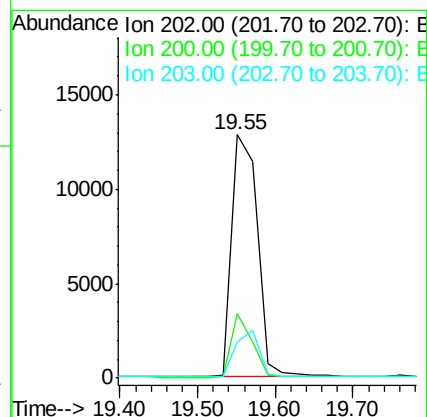
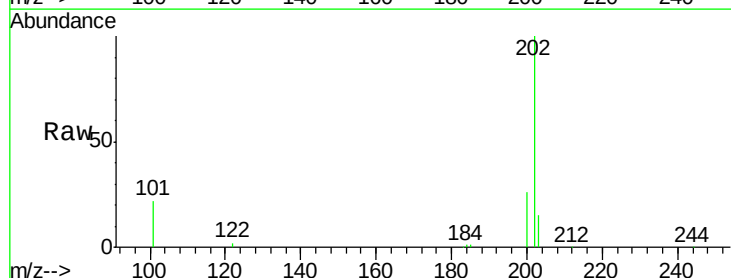
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

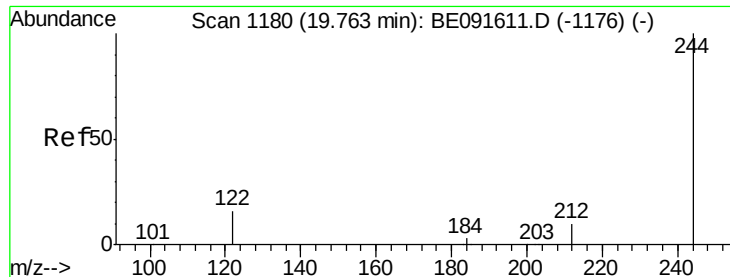
Tgt Ion:184 Resp: 7504
Ion Ratio Lower Upper
184 100
185 14.0 22.3 33.5#
183 14.3 16.4 24.6#



#28
Pyrene
Concen: 0.38 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion:202 Resp: 29530
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 18.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.43 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

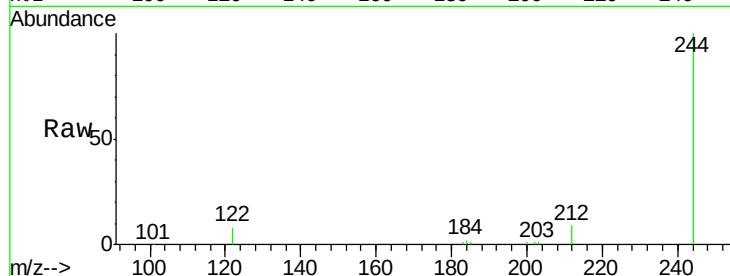
Tgt Ion:244 Resp: 20717

Ion Ratio Lower Upper

244 100

212 9.4 6.9 10.3

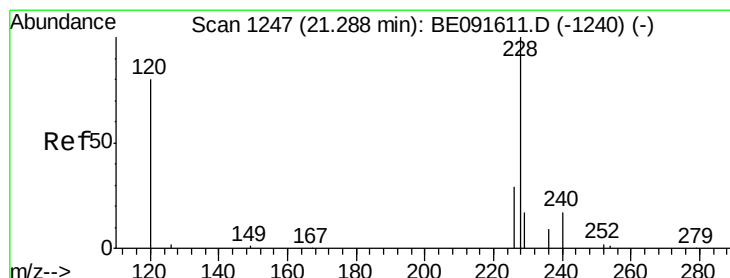
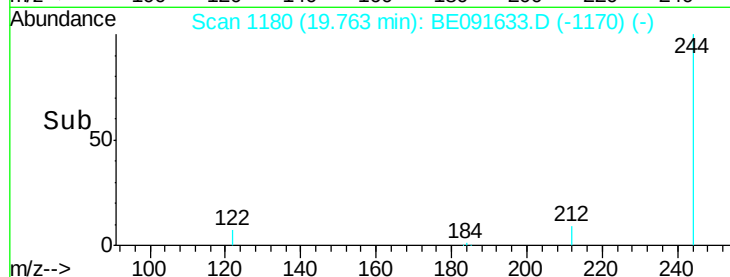
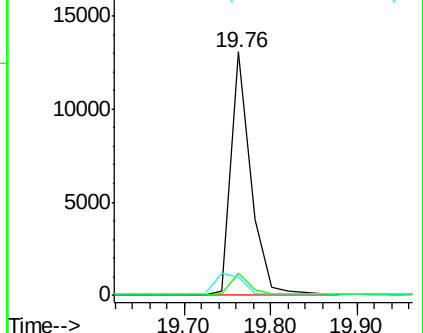
122 7.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.79 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

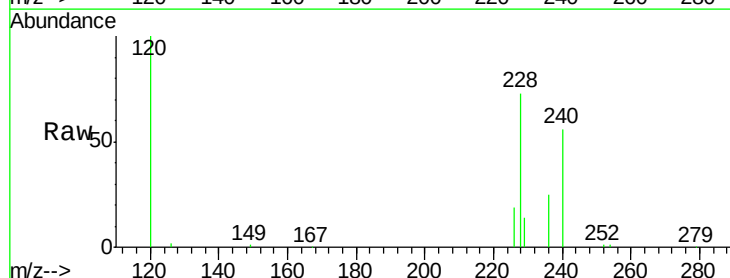
Tgt Ion:228 Resp: 68320

Ion Ratio Lower Upper

228 100

226 26.0 21.0 31.4

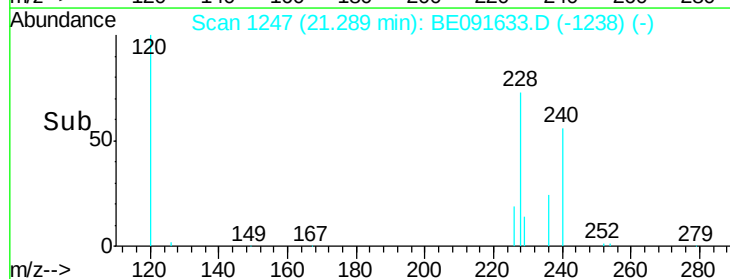
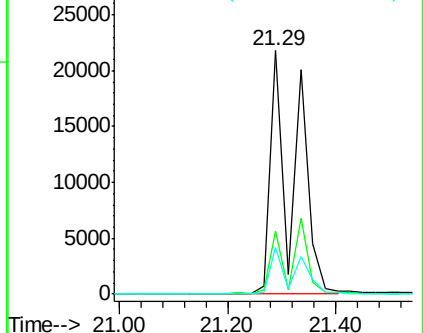
229 19.2 15.7 23.5

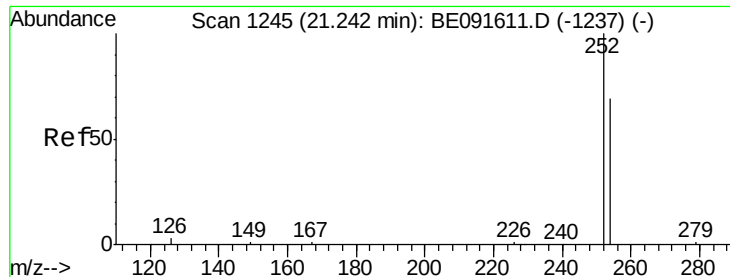


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

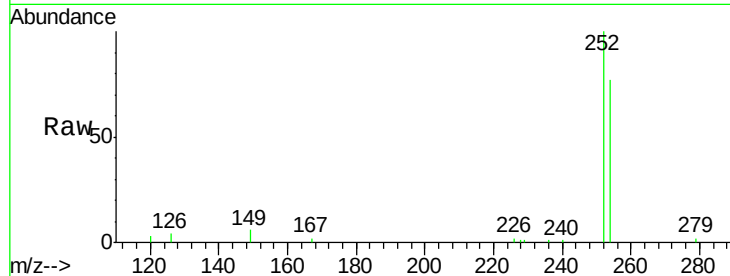




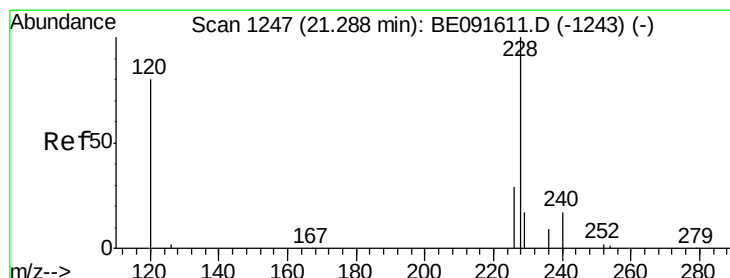
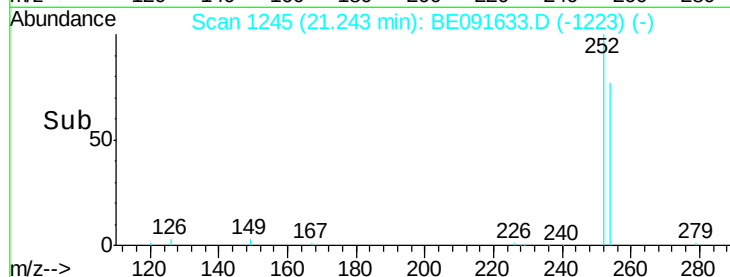
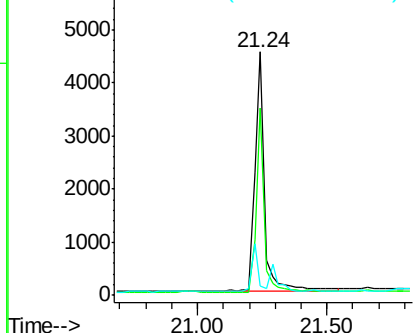
#31
 3,3'-Dichlorobenzidine
 Concen: 0.34 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 252 Resp: 11667
 Ion Ratio Lower Upper
 252 100
 254 76.8 51.1 76.7#
 126 3.9 12.6 18.8#

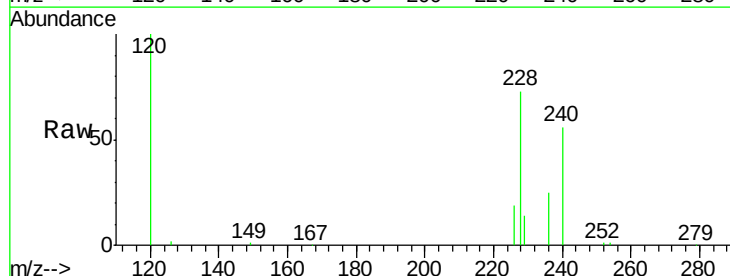


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

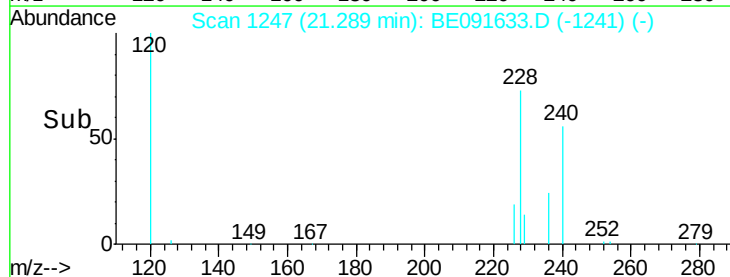
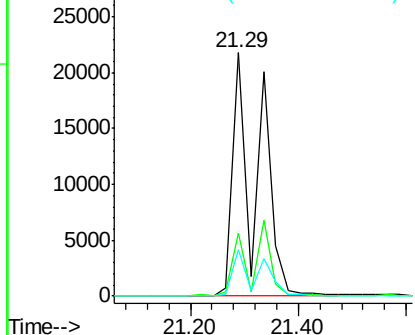


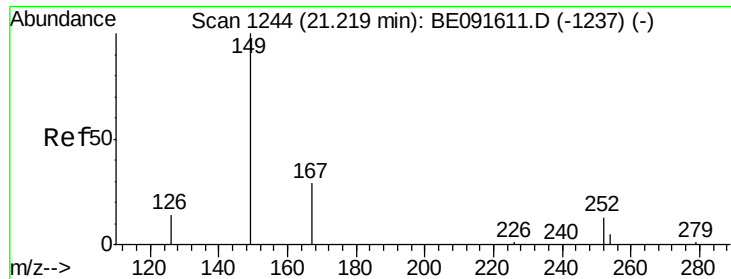
#32
 Chrysene
 Concen: 0.88 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

Tgt Ion: 228 Resp: 68814
 Ion Ratio Lower Upper
 228 100
 226 26.0 24.0 36.0
 229 19.2 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: 0.35 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

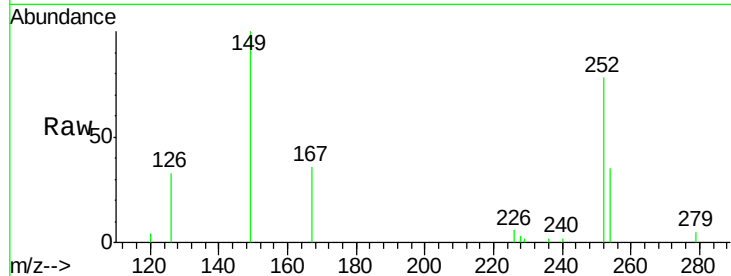
Tgt Ion:149 Resp: 5458

Ion Ratio Lower Upper

149 100

167 30.6 19.5 29.3#

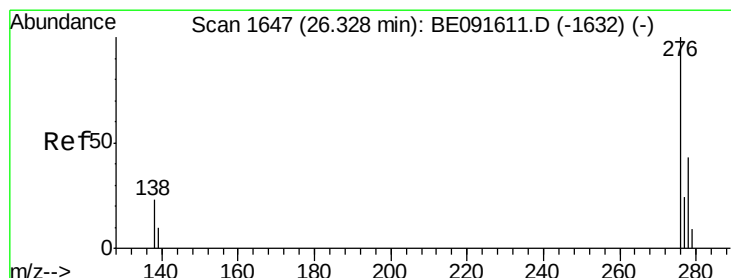
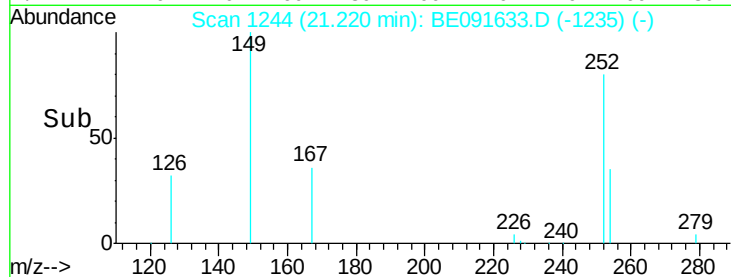
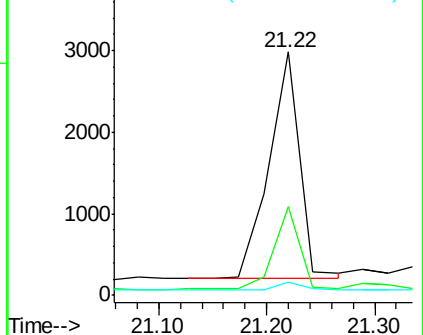
279 3.3 10.0 15.0#



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: 0.35 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

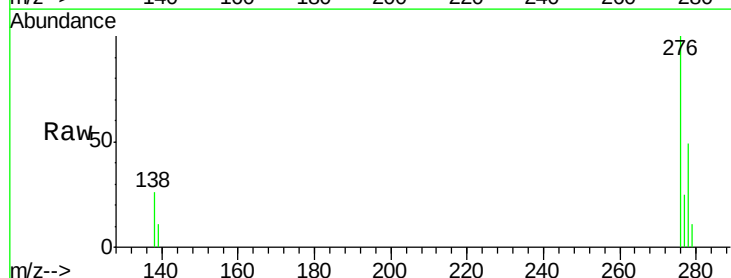
Tgt Ion:276 Resp: 30279

Ion Ratio Lower Upper

276 100

138 26.0 23.4 35.2

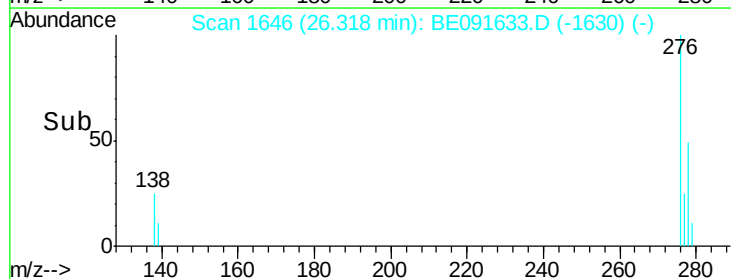
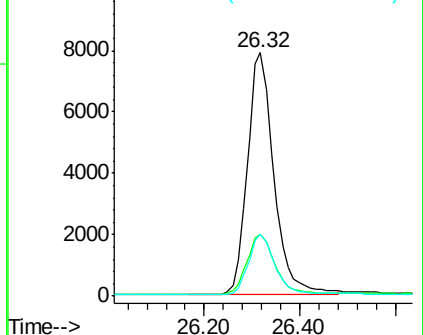
277 24.7 19.8 29.8

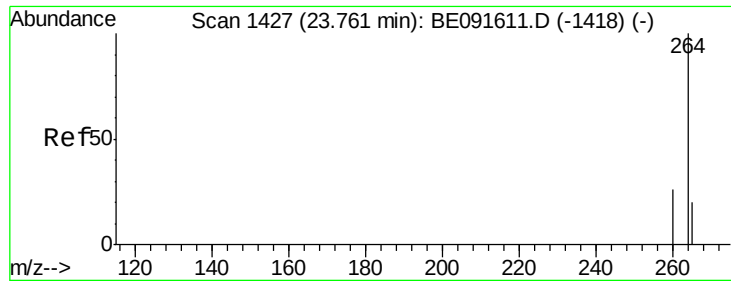


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

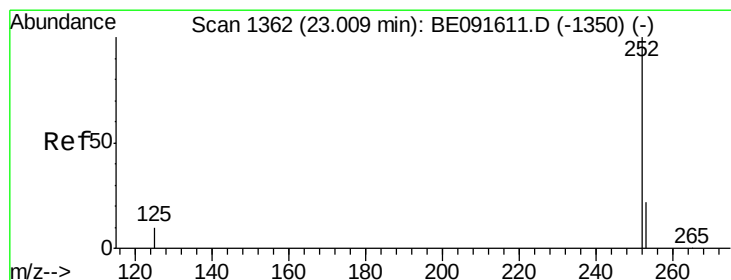
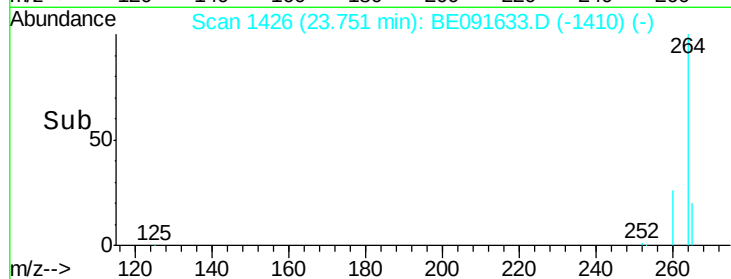
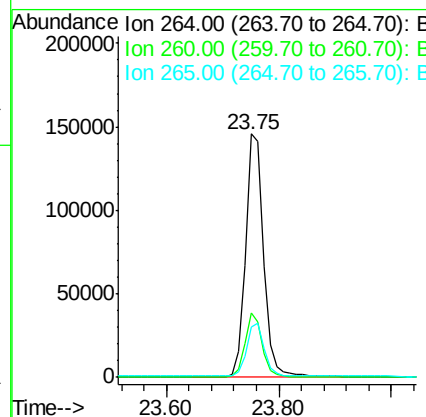
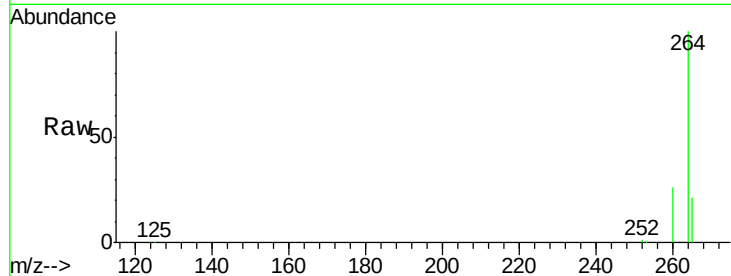




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

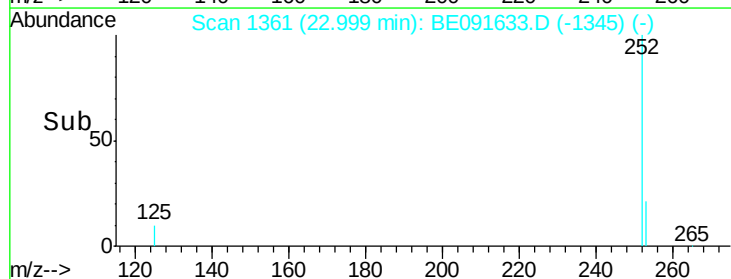
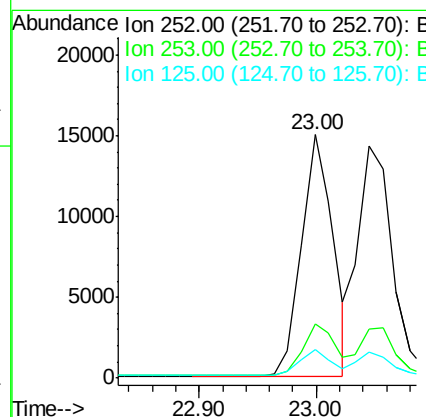
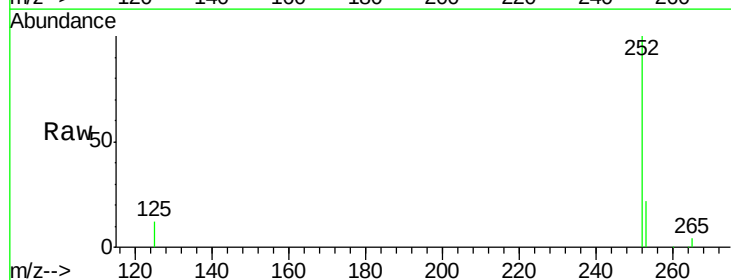
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

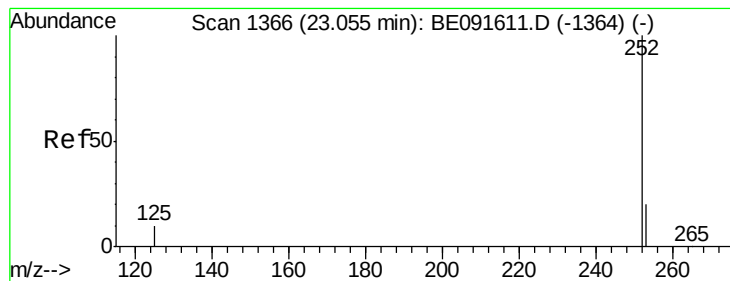
Tgt Ion: 264 Resp: 330867
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.0 30.0
 265 20.7 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.36 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

Tgt Ion: 252 Resp: 27870
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 11.6 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.05 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

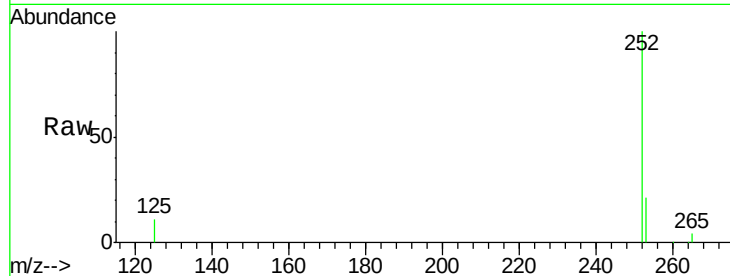
Tgt Ion:252 Resp: 29175

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

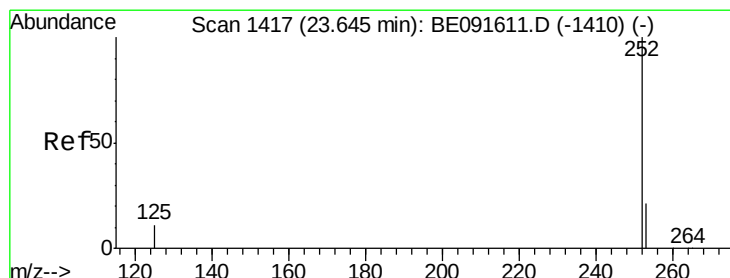
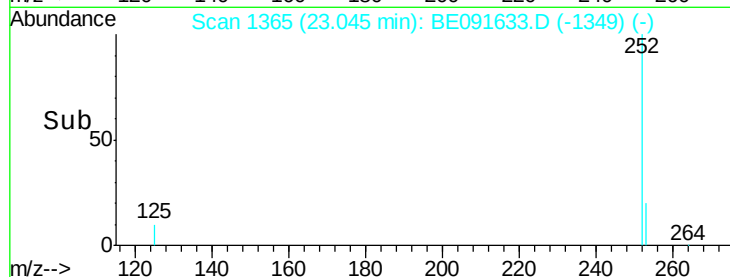
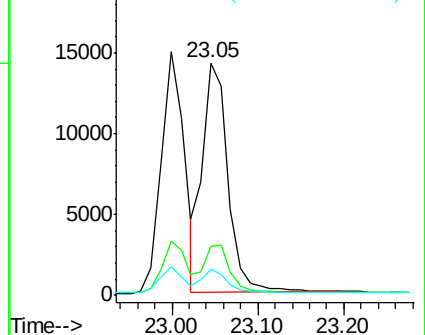
125 11.3 9.9 14.9



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: 0.34 ng

RT: 23.65 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

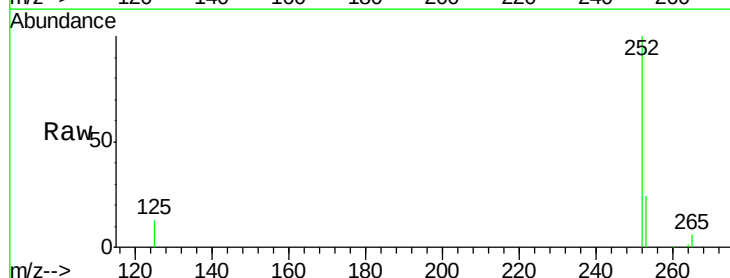
Tgt Ion:252 Resp: 24541

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

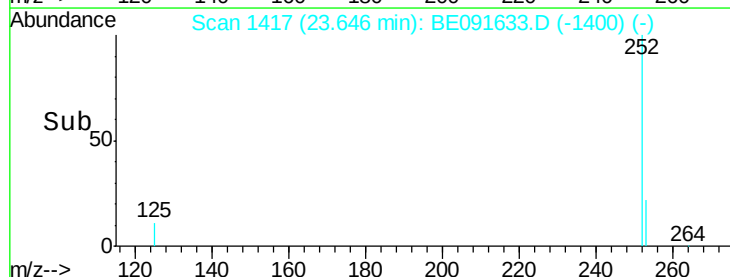
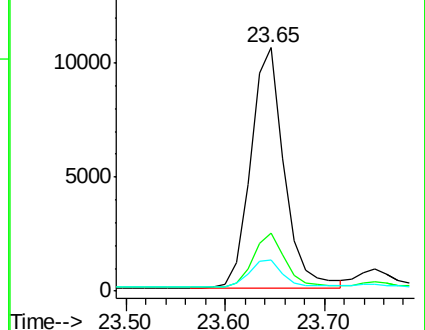
125 12.6 11.0 16.4

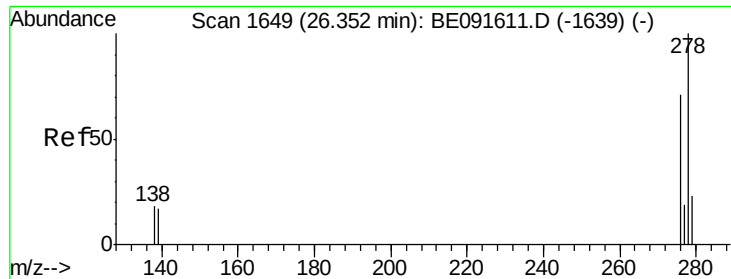


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

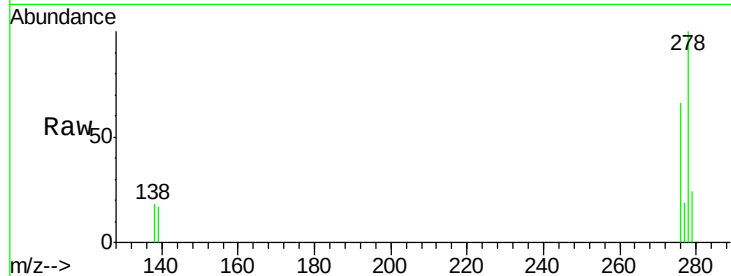
Tgt Ion: 278 Resp: 24802

Ion Ratio Lower Upper

278 100

139 16.7 16.0 24.0

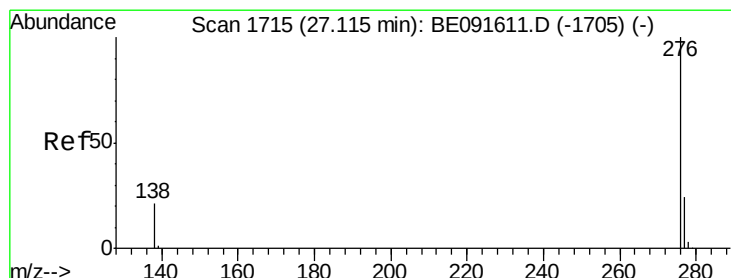
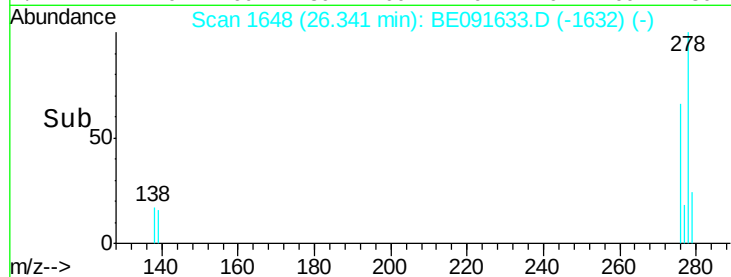
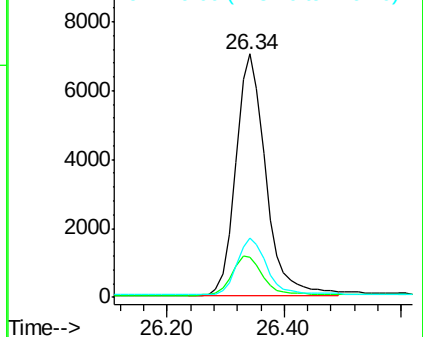
279 24.5 19.4 29.2



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: 0.36 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

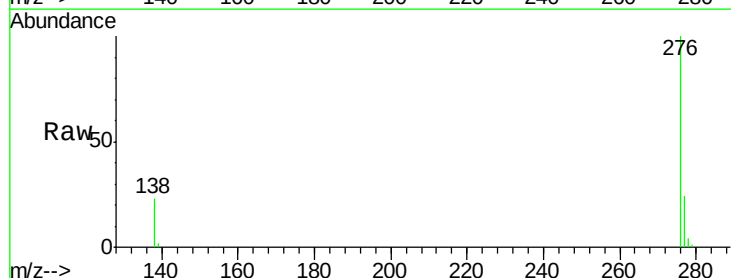
Tgt Ion: 276 Resp: 26095

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 22.5 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

