

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051816\
 Data File : BE091798.D
 Acq On : 18 May 2016 20:59
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

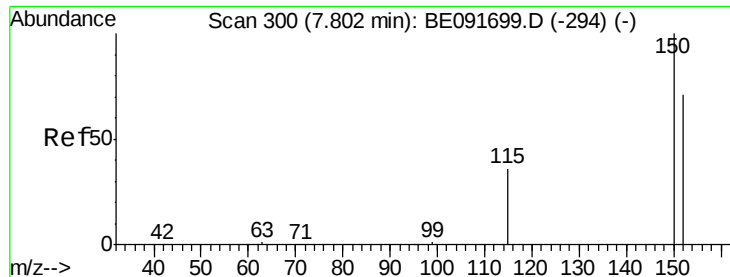
Quant Time: May 19 00:39:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	28487	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	147091	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	98310	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	286315	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	322629	5.00	ng	-0.02
35) Perylene-d12	23.73	264	298379	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2867	0.41	ng	0.00
5) Phenol-d6	6.96	99	4009	0.43	ng	0.00
8) Nitrobenzene-d5	8.95	82	3780	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1396	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	10365	0.37	ng	-0.01
29) Terphenyl-d14	19.74	244	17987	0.36	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1373	0.32	ng	# 93
3) n-Nitrosodimethylamine	3.63	42	1781	0.34	ng	# 99
6) bis(2-Chloroethyl)ether	7.21	93	3153	0.39	ng	# 75
9) Nitrobenzene	8.98	77	3789	0.38	ng	# 93
10) Naphthalene	10.61	128	12094	0.41	ng	99
11) Hexachlorobutadiene	10.90	225	2399	0.55	ng	87
12) 2-Methylnaphthalene	12.22	142	8108	0.42	ng	94
16) Acenaphthylene	14.12	152	16758	0.44	ng	# 76
17) Acenaphthene	14.46	154	9628	0.39	ng	89
18) Fluorene	15.44	166	12525	0.41	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	3878	0.38	ng	91
21) Hexachlorobenzene	16.45	284	3881	0.38	ng	98
22) Pentachlorophenol	16.79	266	1572	0.38	ng	92
23) Phenanthrene	17.17	178	23463	0.36	ng	98
24) Anthracene	17.26	178	22025	0.38	ng	99
25) Fluoranthene	19.19	202	26804	0.39	ng	96
27) Benzidine	19.38	184	4931	0.35	ng	# 84
28) Pyrene	19.55	202	28399	0.39	ng	99
30) Benzo(a)anthracene	21.27	228	56235	0.71	ng	# 90
31) 3,3'-Dichlorobenzidine	21.22	252	21896	0.54	ng	# 91
32) Chrysene	21.27	228	56536	0.69	ng	94
33) Bis(2-ethylhexyl)phthalate	21.20	149	20014	0.84	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.27	276	32015	0.44	ng	95
36) Benzo(b)fluoranthene	22.97	252	27896	0.40	ng	97
37) Benzo(k)fluoranthene	23.03	252	29458	0.41	ng	94
38) Benzo(a)pyrene	23.61	252	27523	0.42	ng	95
39) Dibenzo(a,h)anthracene	26.29	278	26569	0.43	ng	97
40) Benzo(g,h,i)perylene	27.06	276	27082	0.43	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

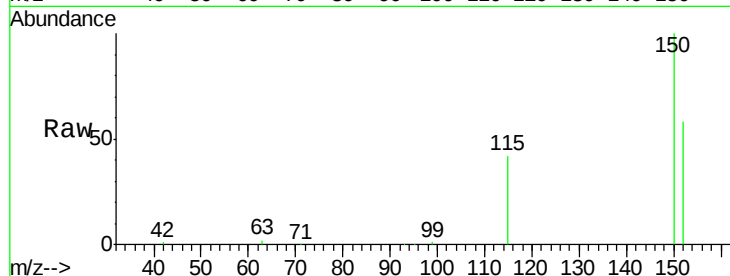
Tgt Ion:152 Resp: 28487

Ion Ratio Lower Upper

152 100

150 172.6 122.6 183.8

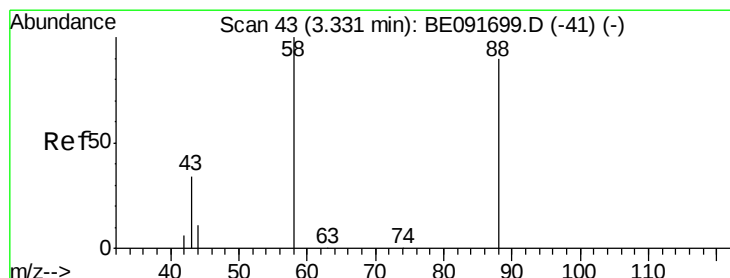
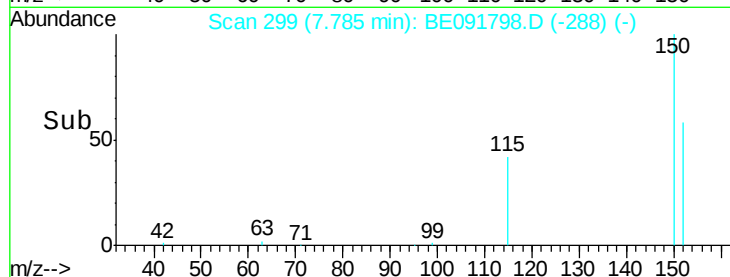
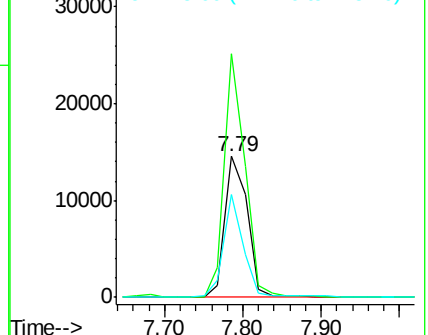
115 73.3 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.32 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

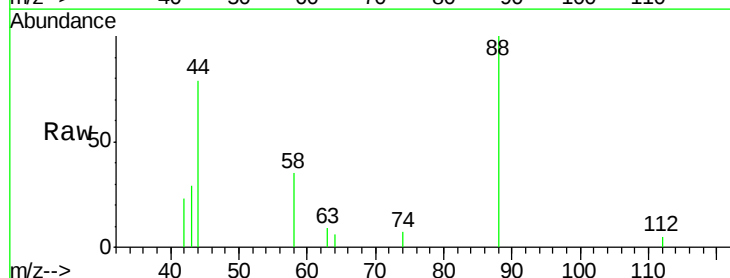
Tgt Ion: 88 Resp: 1373

Ion Ratio Lower Upper

88 100

58 79.6 65.8 98.6

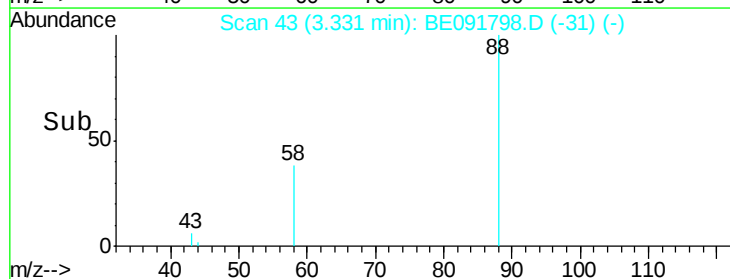
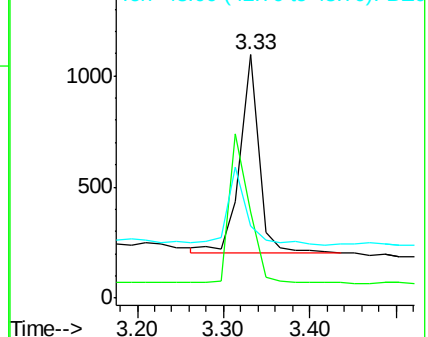
43 41.3 25.3 37.9#

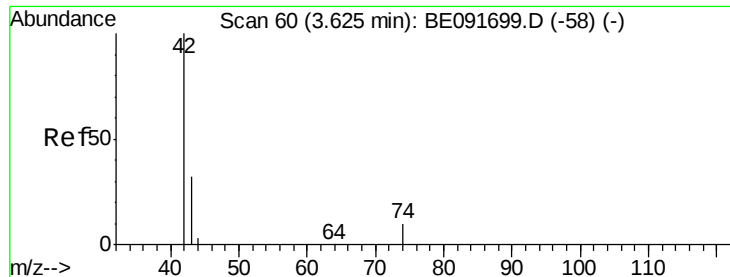


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.34 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

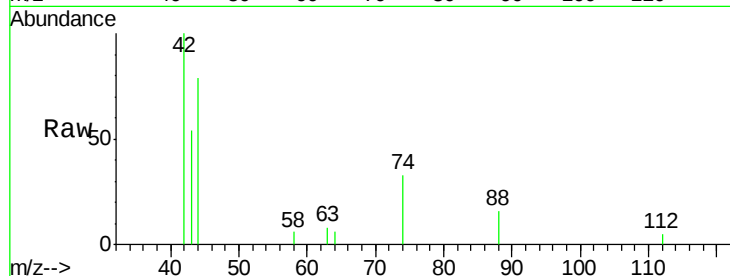
Tgt Ion: 42 Resp: 1781

Ion Ratio Lower Upper

42 100

74 110.5 87.9 131.9

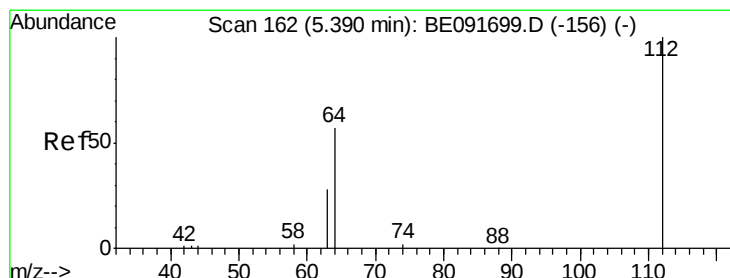
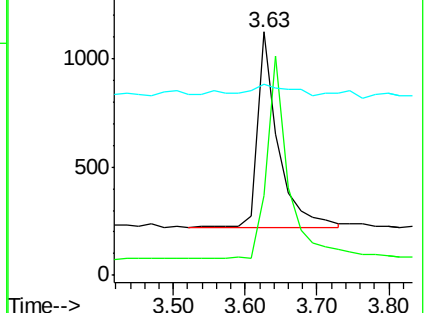
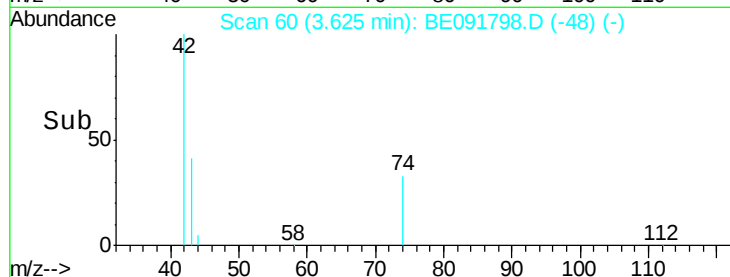
44 12.1 6.6 9.8#



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: 0.41 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

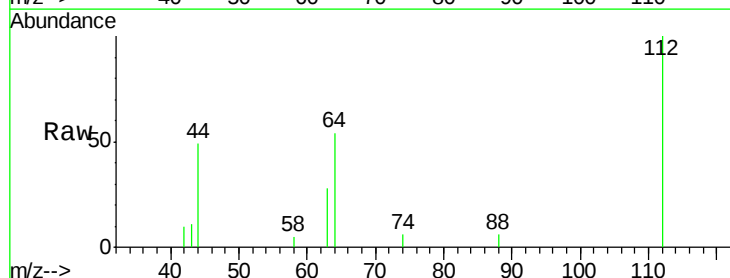
Tgt Ion: 112 Resp: 2867

Ion Ratio Lower Upper

112 100

64 67.6 30.9 46.3#

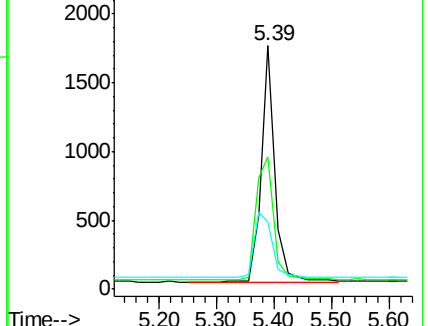
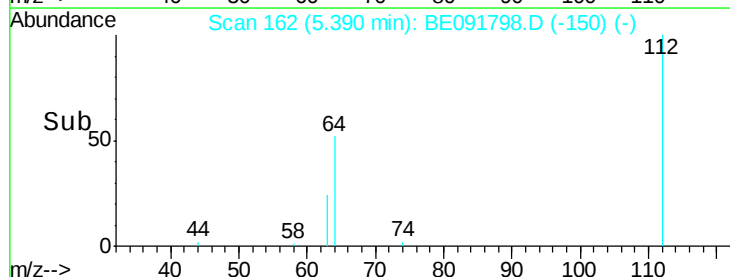
63 35.6 16.7 25.1#

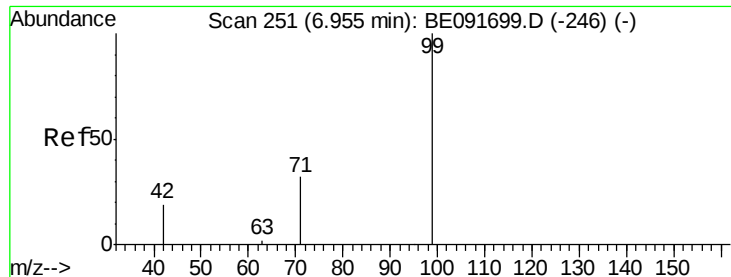


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.43 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

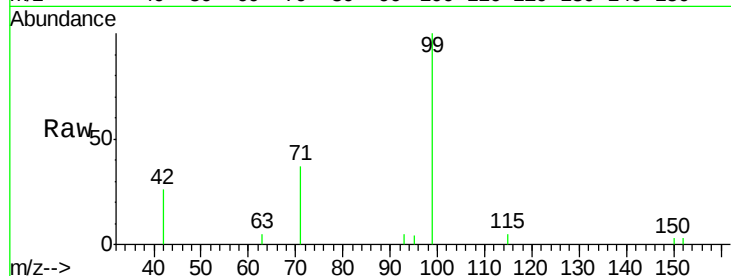
Tgt Ion: 99 Resp: 4009

Ion Ratio Lower Upper

99 100

42 25.3 16.2 24.2#

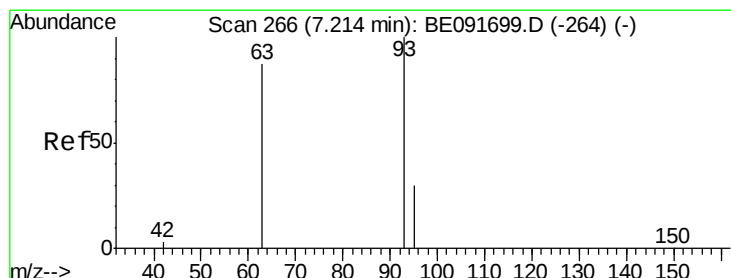
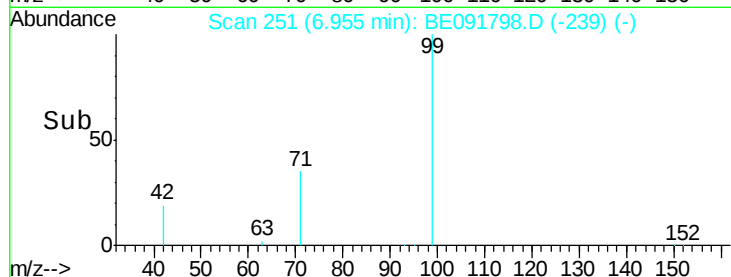
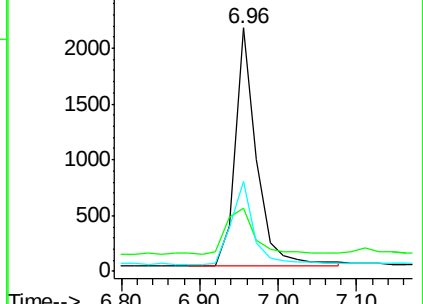
71 36.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

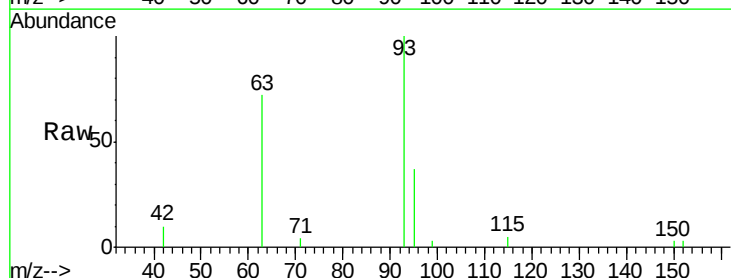
Tgt Ion: 93 Resp: 3153

Ion Ratio Lower Upper

93 100

63 84.9 49.5 74.3#

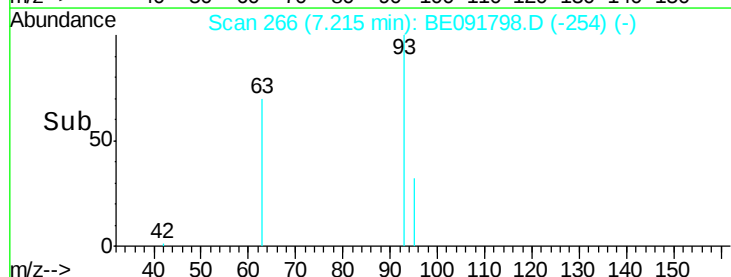
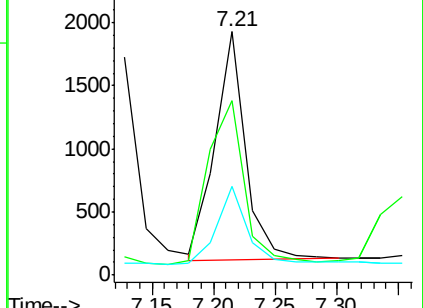
95 35.0 22.2 33.4#

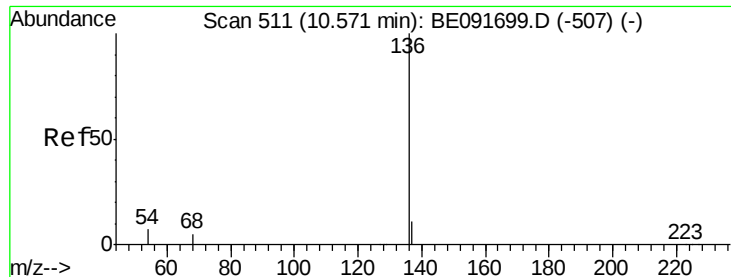


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 147091

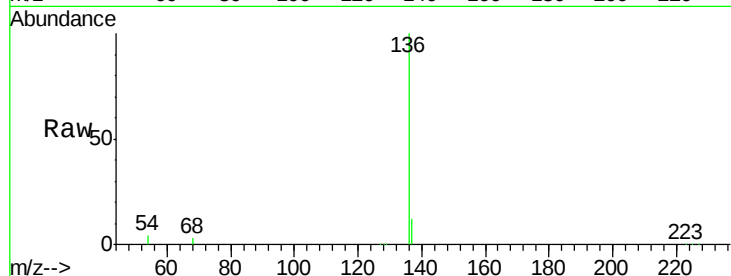
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 3.7 8.2 12.4#

68 3.2 6.2 9.4#

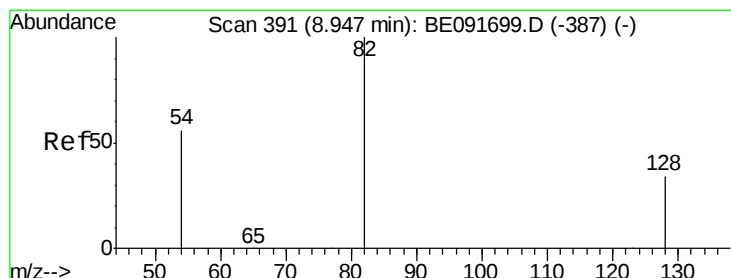
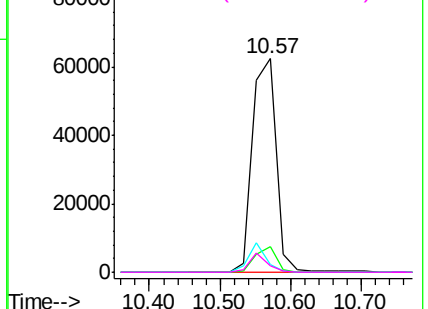
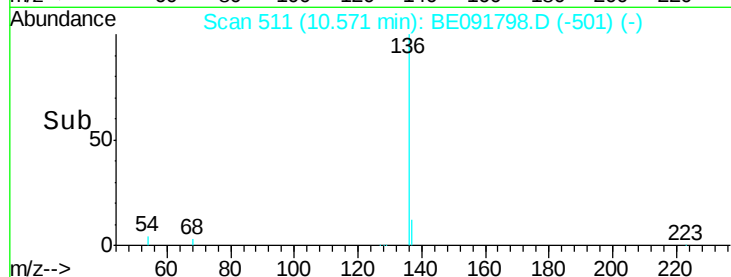


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

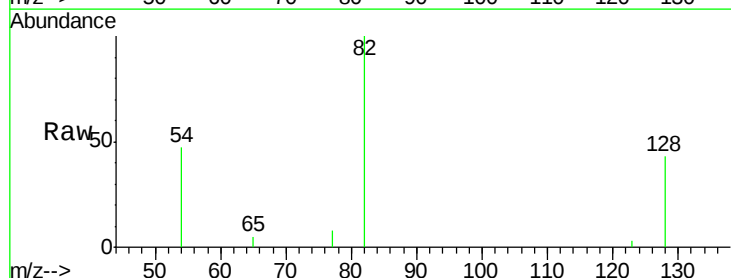
Tgt Ion: 82 Resp: 3780

Ion Ratio Lower Upper

82 100

128 43.4 25.4 38.0#

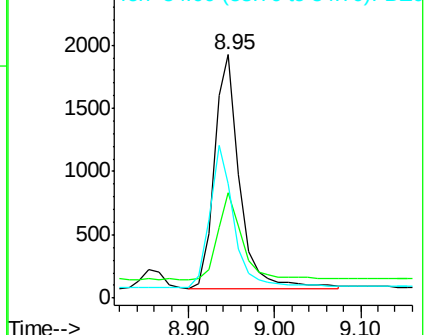
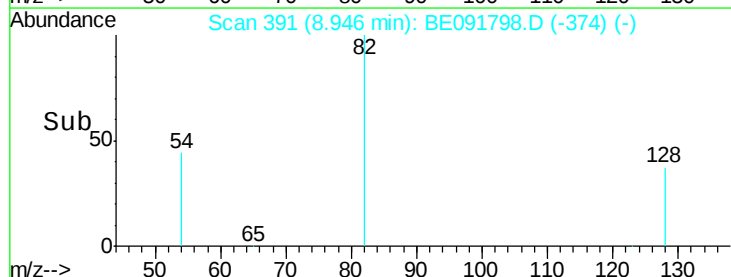
54 46.9 48.4 72.6#

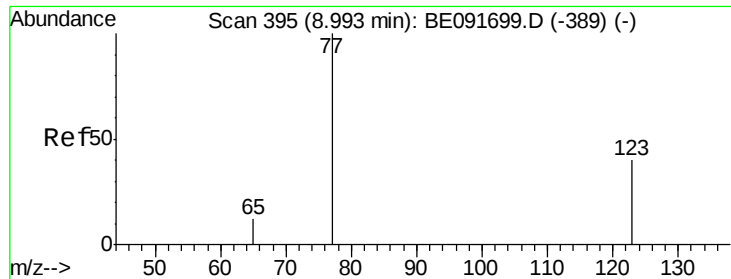


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.38 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

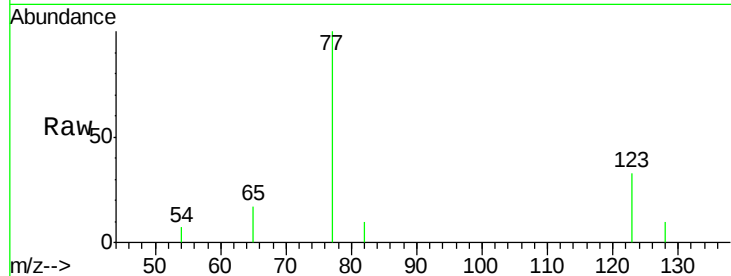
Tgt Ion: 77 Resp: 3789

Ion Ratio Lower Upper

77 100

123 37.2 26.9 40.3

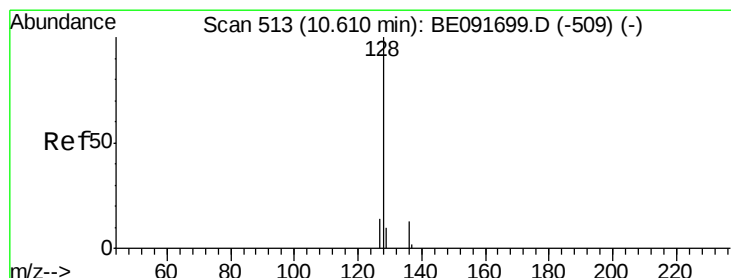
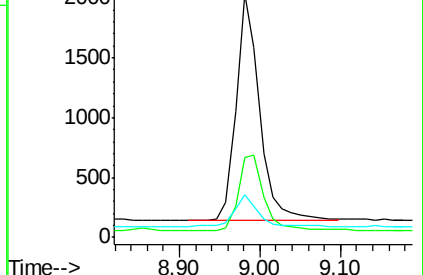
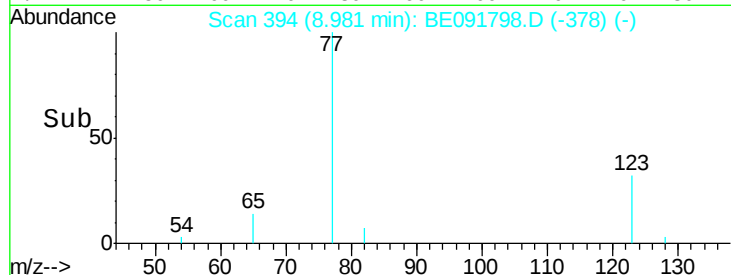
65 15.1 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 0.41 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

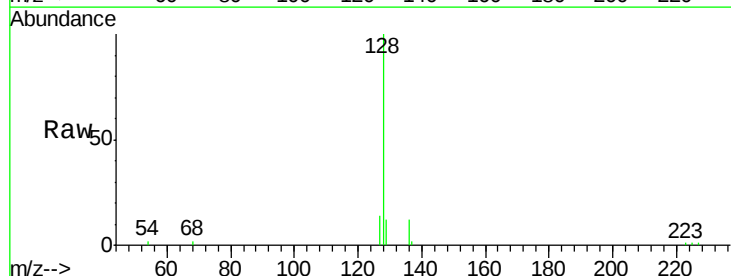
Tgt Ion: 128 Resp: 12094

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

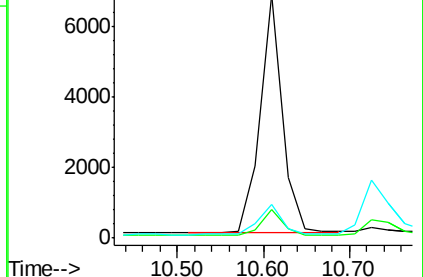
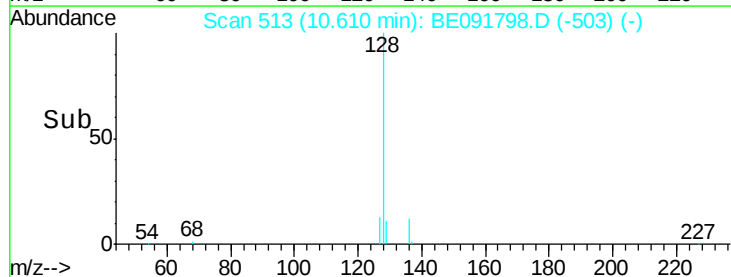
127 13.9 10.7 16.1

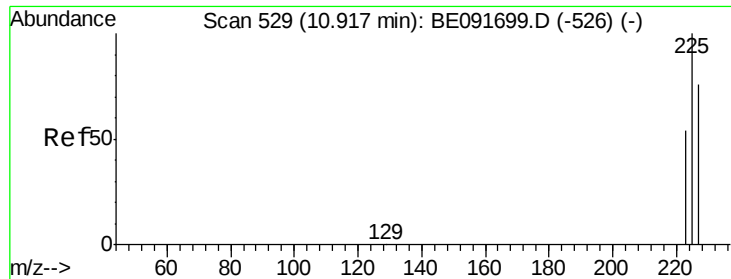


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

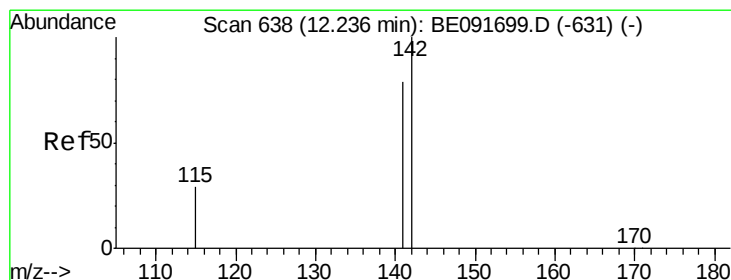
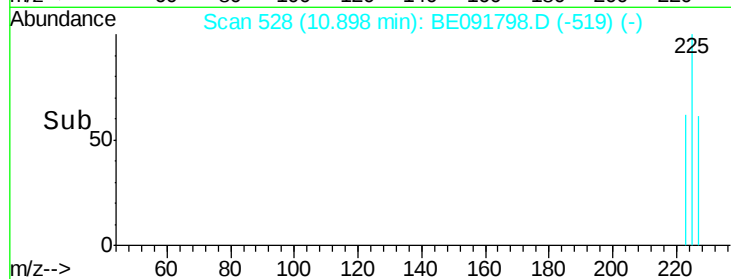
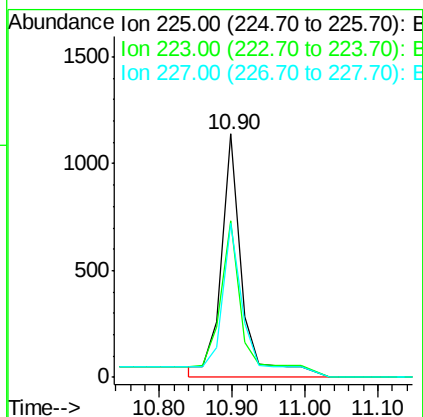
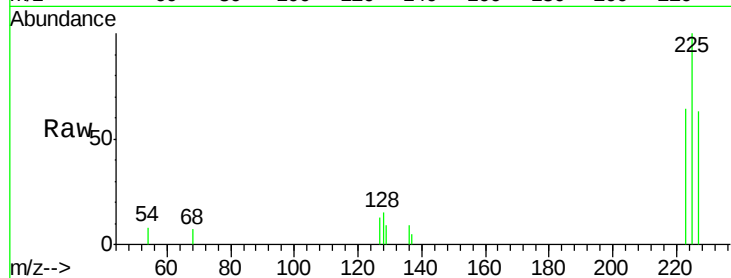




#11
Hexachlorobutadiene
Concen: 0.55 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

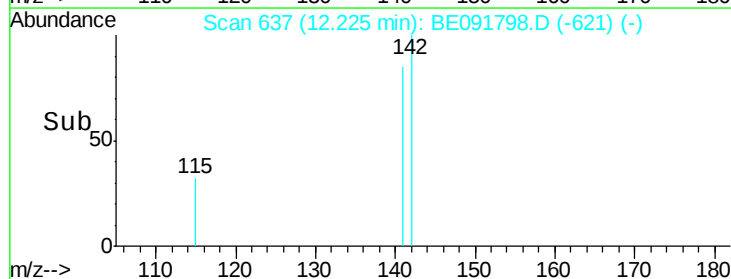
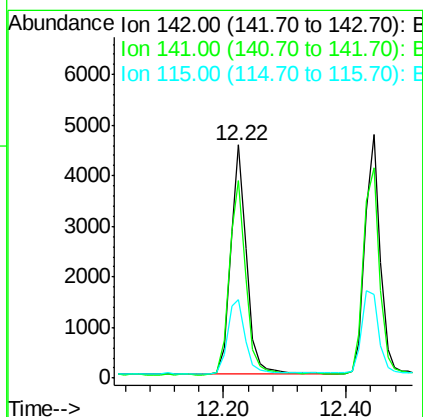
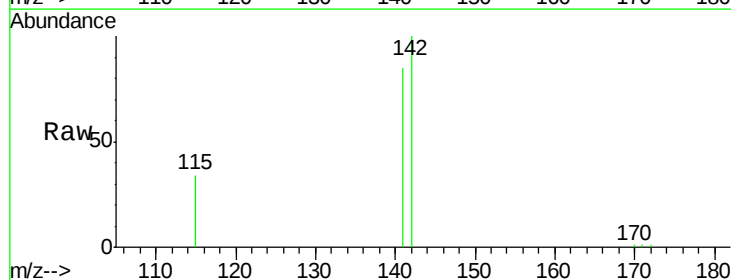
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

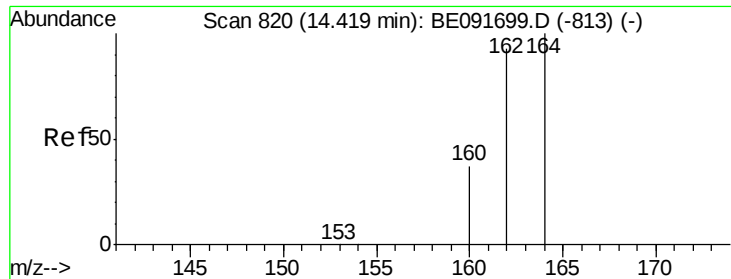
Tgt Ion: 225 Resp: 2399
Ion Ratio Lower Upper
225 100
223 72.2 49.0 73.6
227 72.4 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Tgt Ion: 142 Resp: 8108
Ion Ratio Lower Upper
142 100
141 84.6 71.4 107.0
115 33.6 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

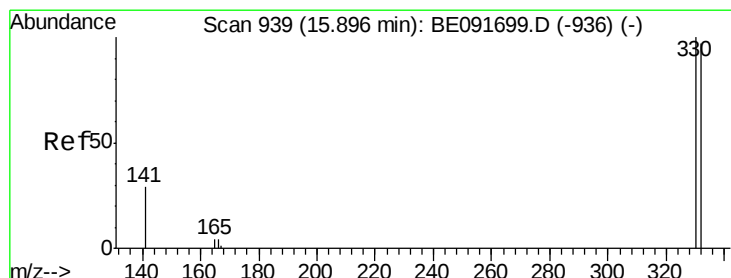
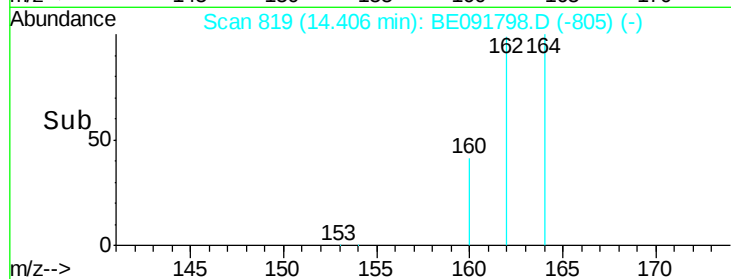
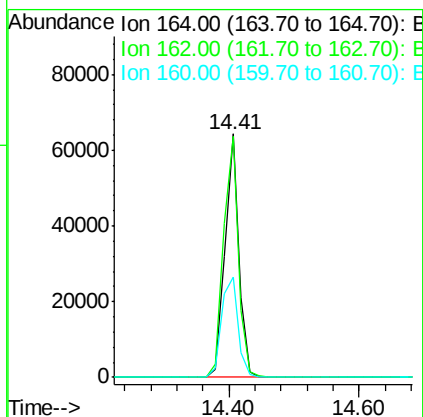
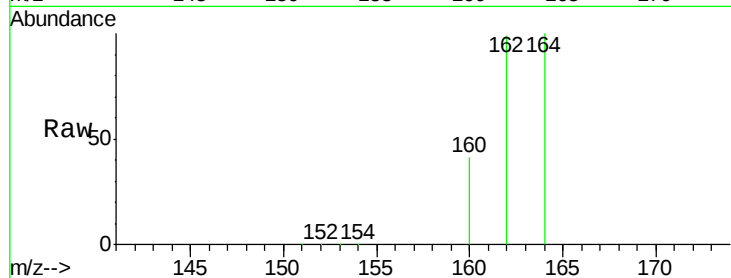
Tgt Ion:164 Resp: 98310

Ion Ratio Lower Upper

164 100

162 99.1 85.3 127.9

160 41.3 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.53 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

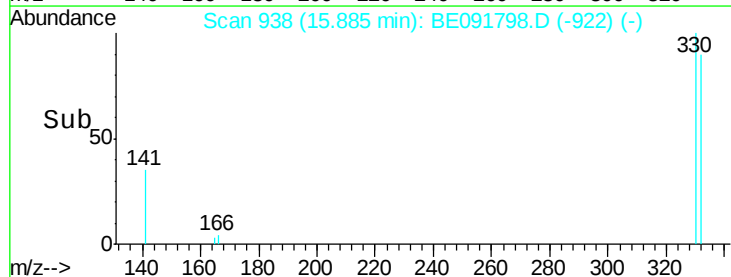
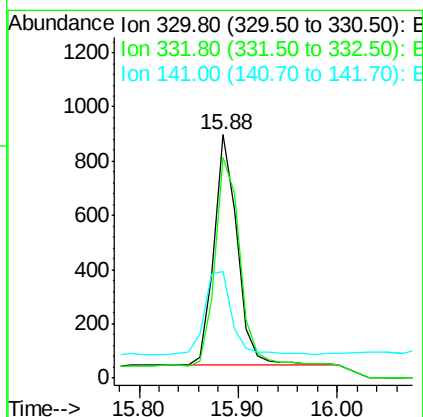
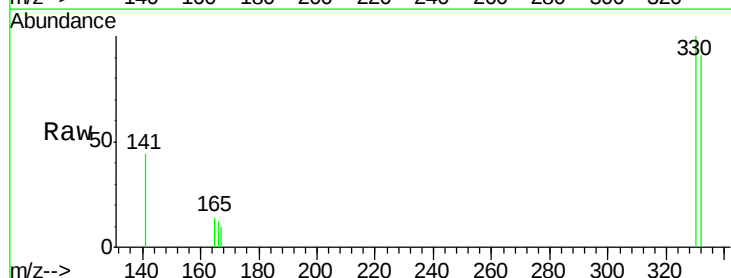
Tgt Ion:330 Resp: 1396

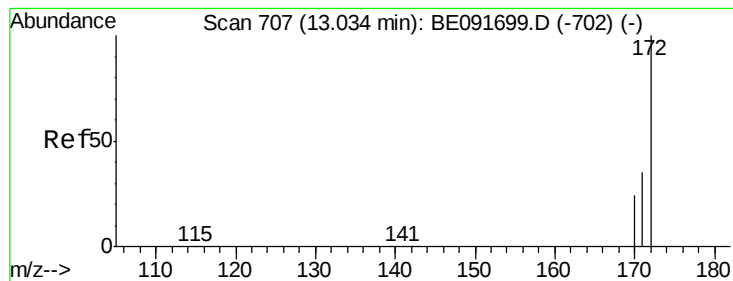
Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 41.0 125.4 188.0#

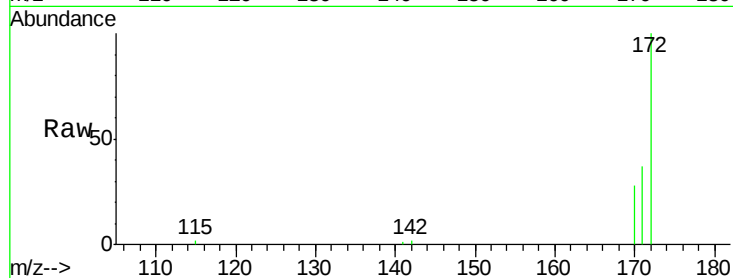




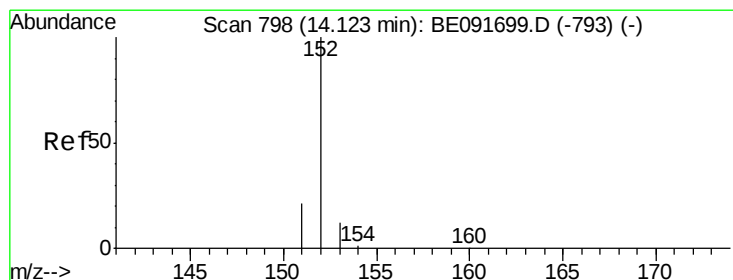
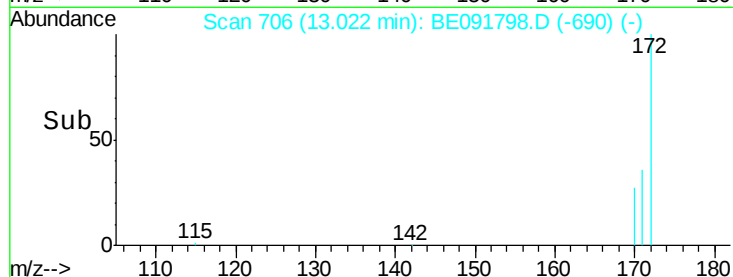
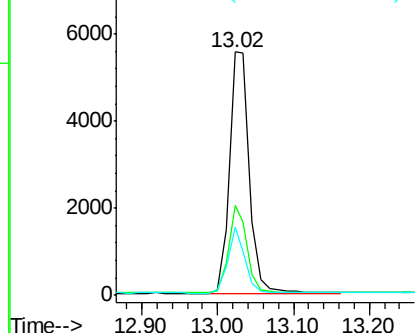
#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10365
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 28.2 19.3 28.9

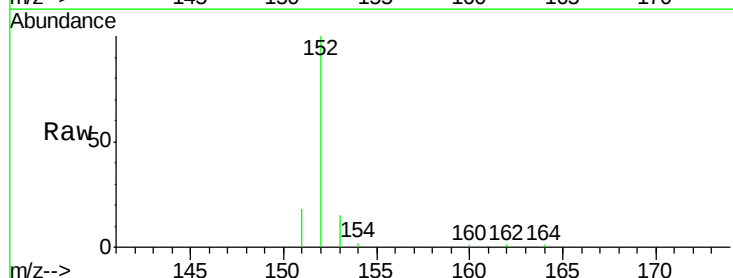


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

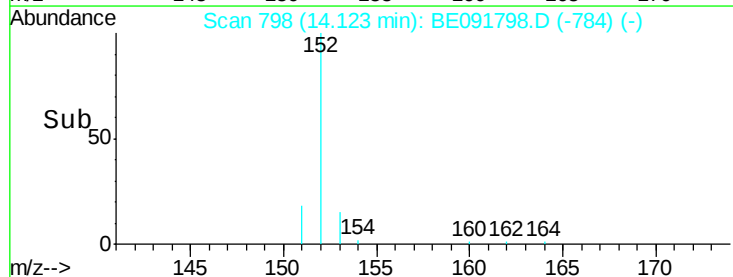
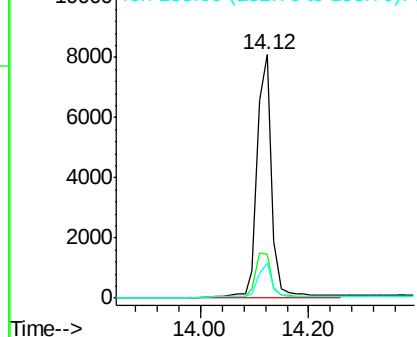


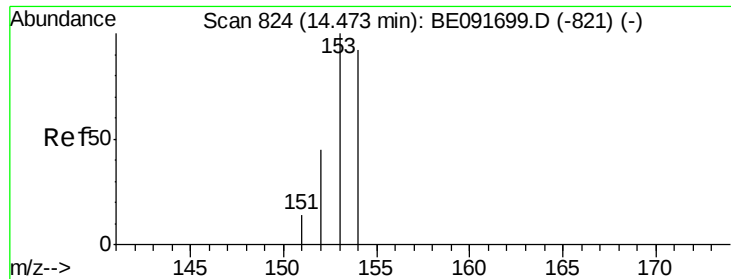
#16
Acenaphthylene
Concen: 0.44 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Tgt Ion:152 Resp: 16758
Ion Ratio Lower Upper
152 100
151 22.9 3.9 5.9#
153 18.1 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

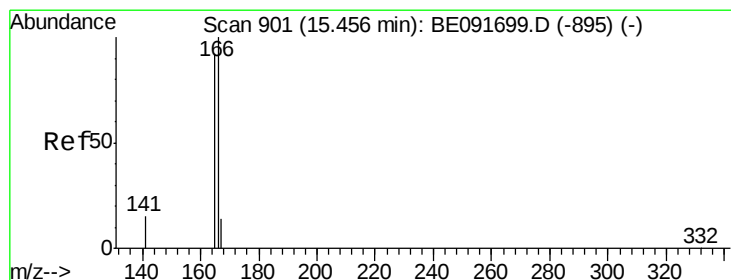
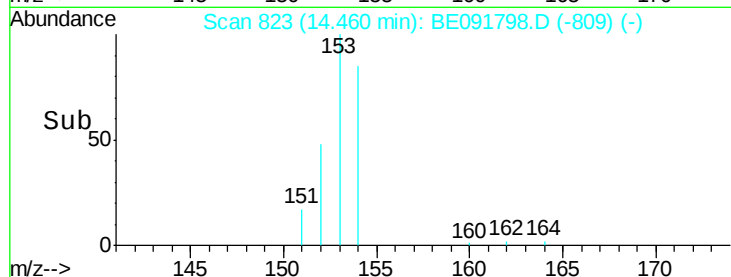
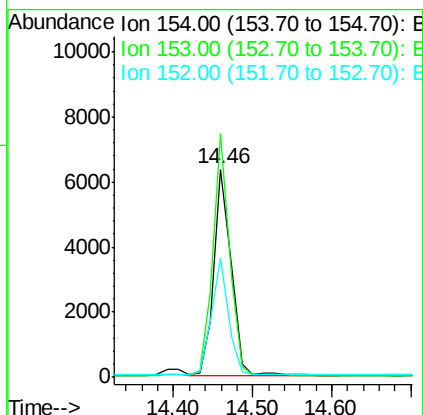
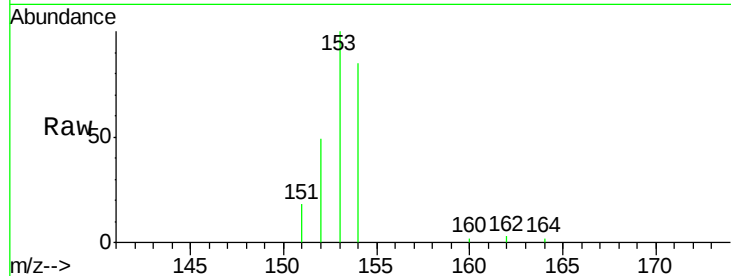




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

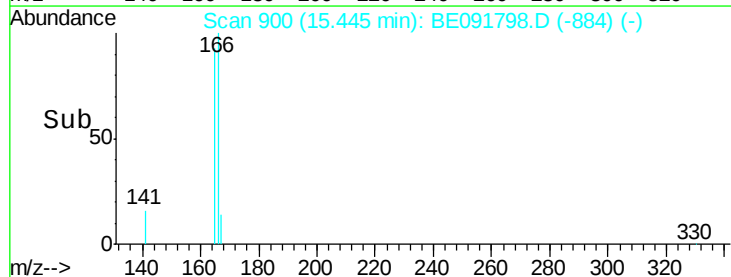
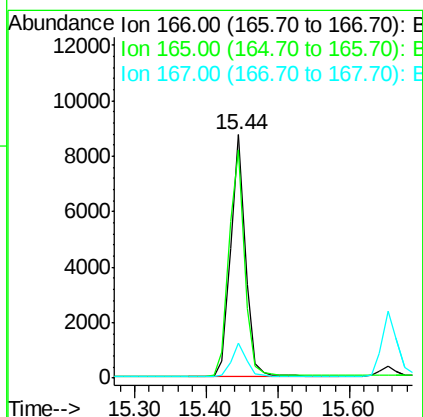
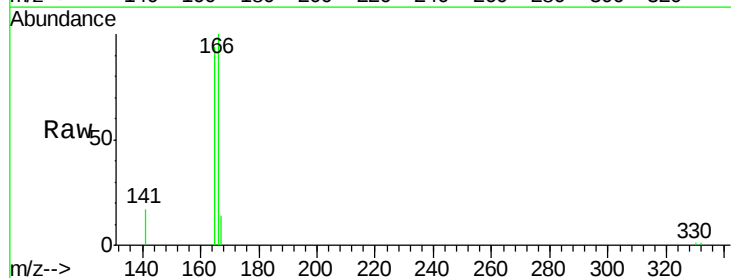
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

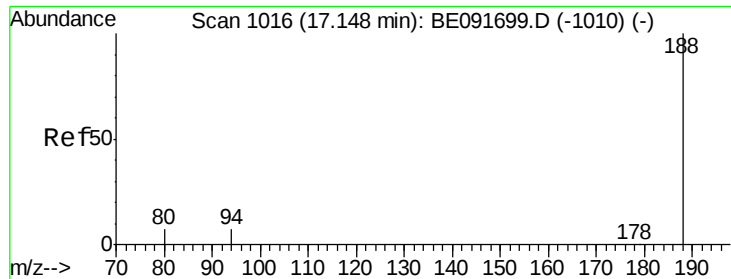
Tgt Ion:154 Resp: 9628
Ion Ratio Lower Upper
154 100
153 112.5 80.0 120.0
152 55.6 40.0 60.0



#18
Fluorene
Concen: 0.41 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Tgt Ion:166 Resp: 12525
Ion Ratio Lower Upper
166 100
165 98.7 80.8 121.2
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

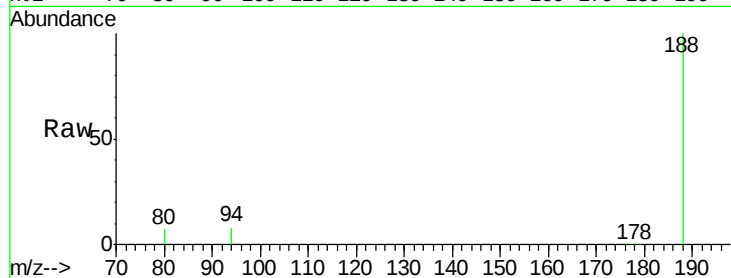
Tgt Ion:188 Resp: 286315

Ion Ratio Lower Upper

188 100

94 7.9 8.7 13.1#

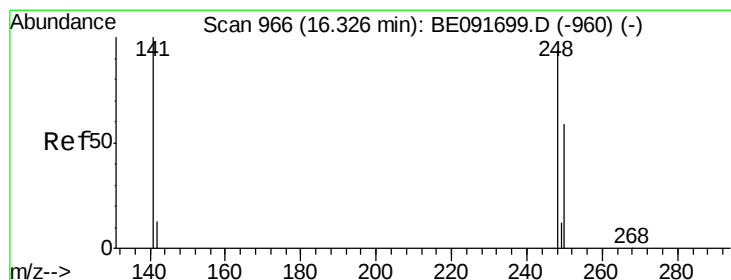
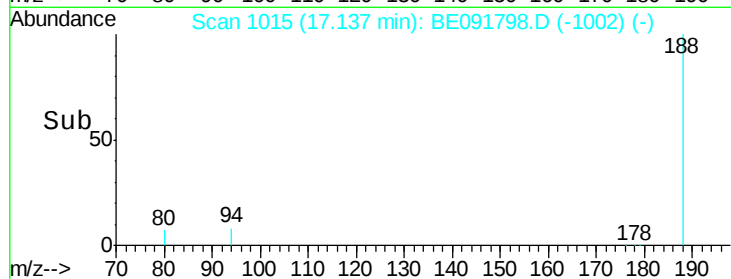
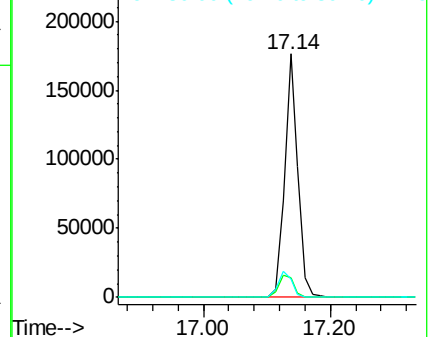
80 7.4 9.4 14.0#



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: 0.38 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

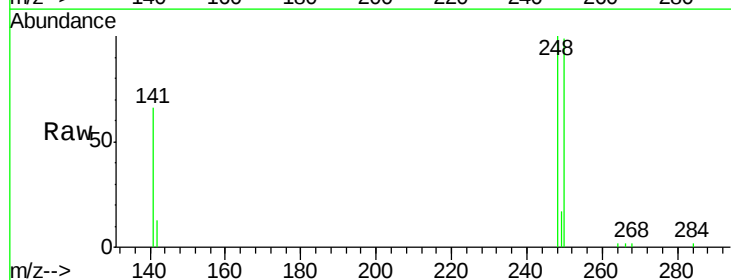
Tgt Ion:248 Resp: 3878

Ion Ratio Lower Upper

248 100

250 96.7 80.5 120.7

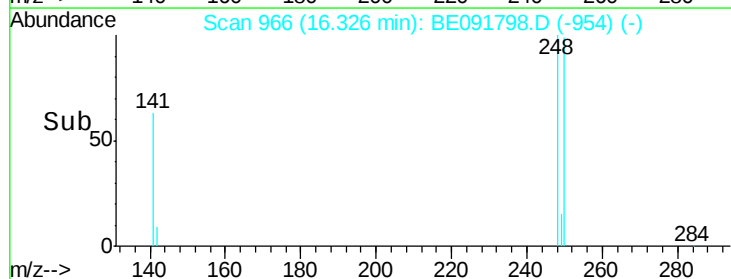
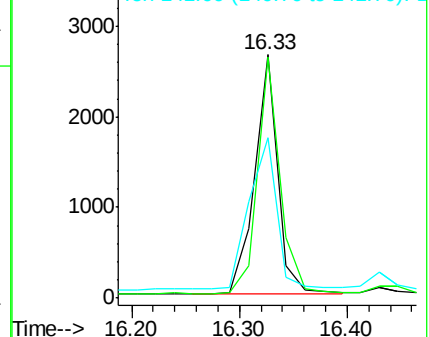
141 77.1 72.0 108.0

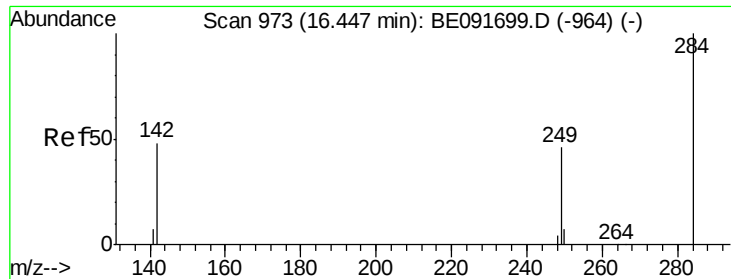


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

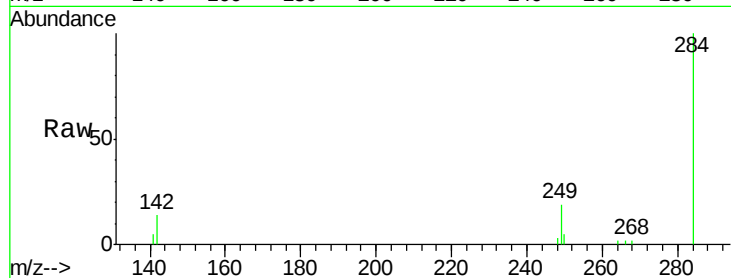




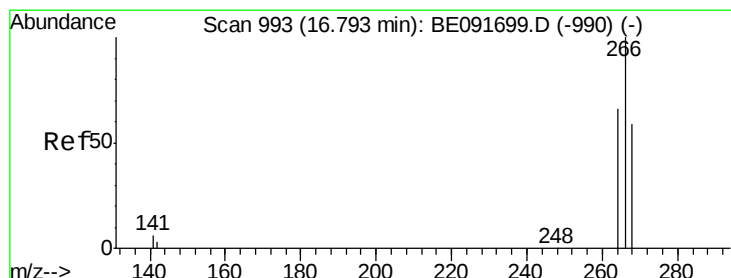
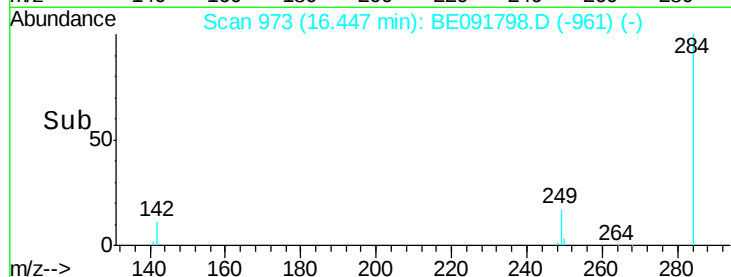
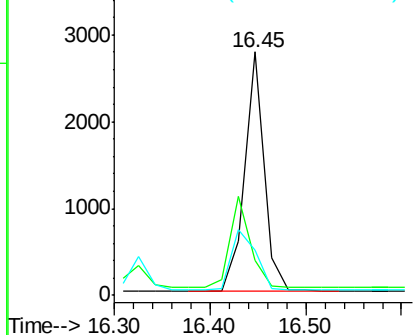
#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 3881
Ion Ratio Lower Upper
284 100
142 38.7 32.2 48.2
249 32.6 25.4 38.2

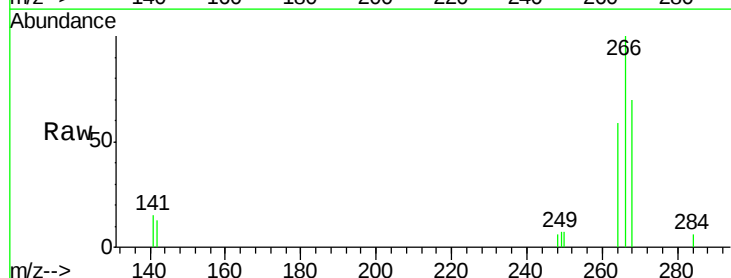


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

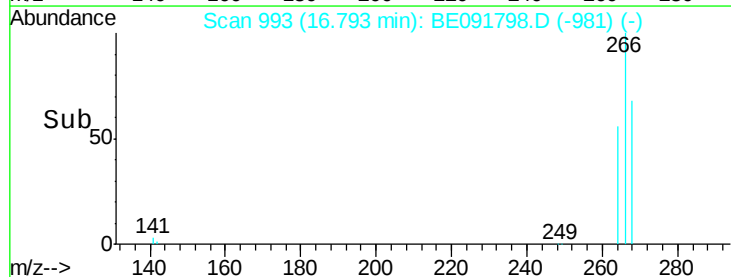
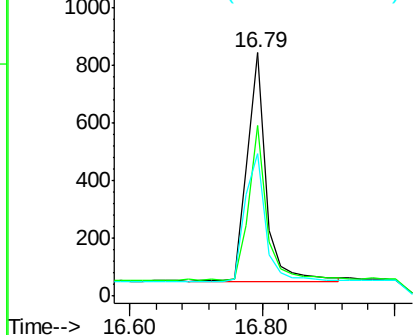


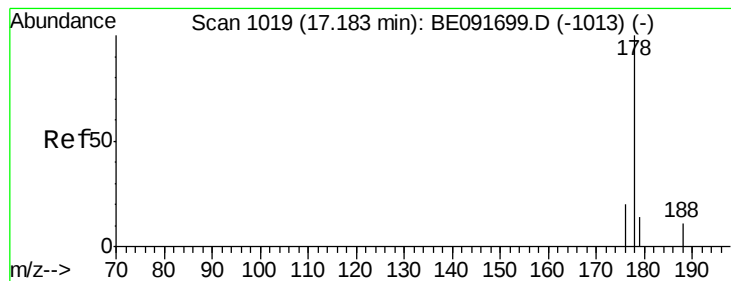
#22
Pentachlorophenol
Concen: 0.38 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Tgt Ion: 266 Resp: 1572
Ion Ratio Lower Upper
266 100
268 70.2 58.2 87.2
264 58.6 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: 0.36 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

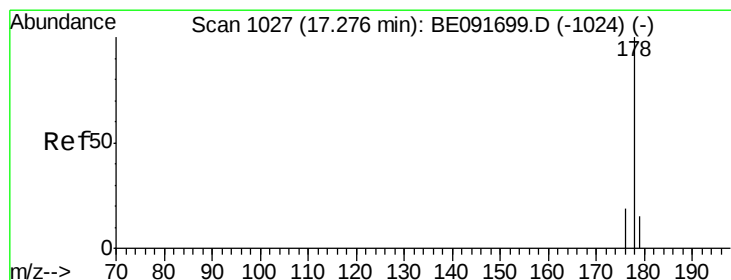
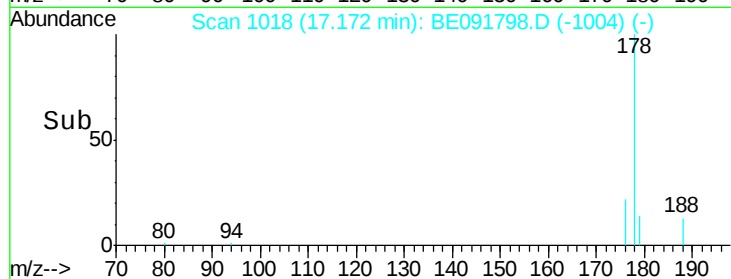
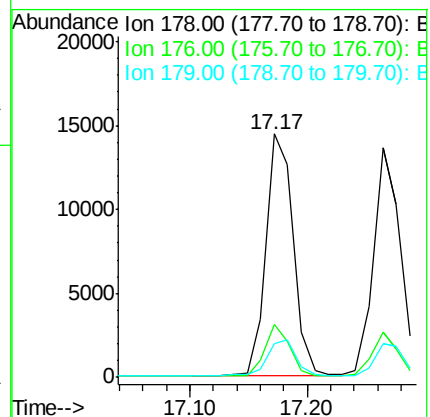
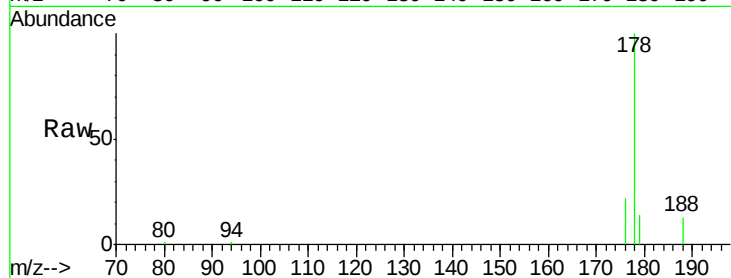
Tgt Ion:178 Resp: 23463

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 16.7 12.6 18.8



#24

Anthracene

Concen: 0.38 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

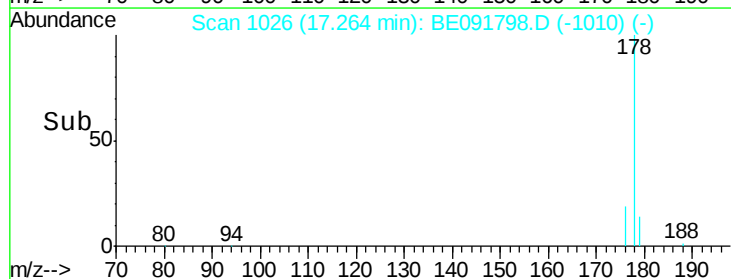
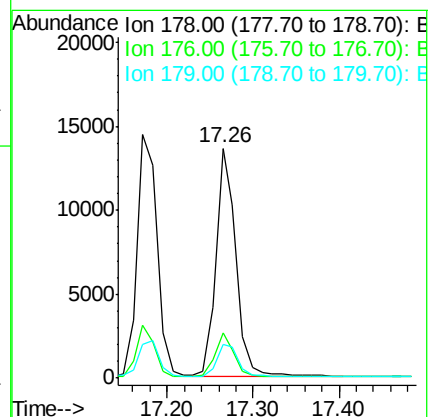
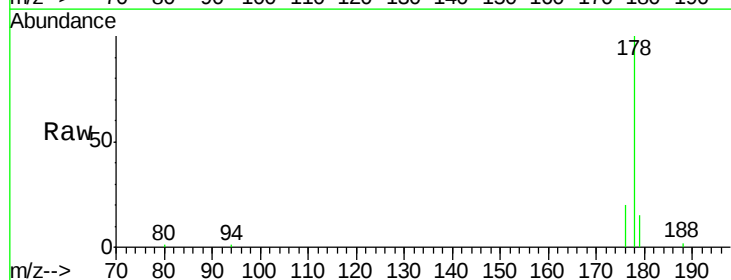
Tgt Ion:178 Resp: 22025

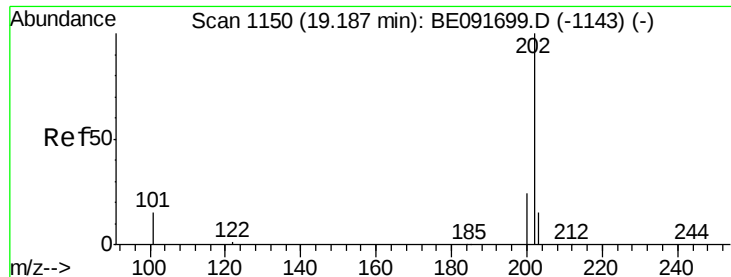
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.1 11.8 17.6





#25

Fluoranthene

Concen: 0.39 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

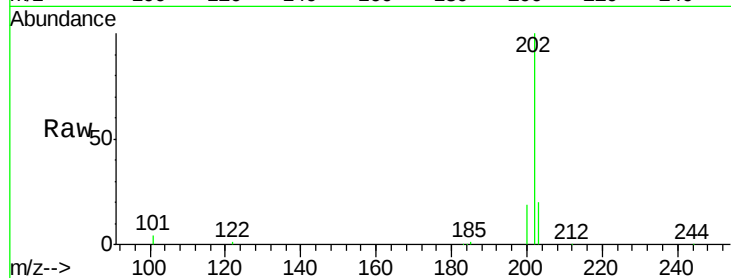
Tgt Ion:202 Resp: 26804

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.6

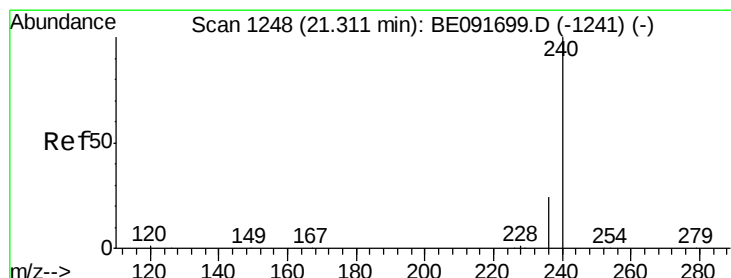
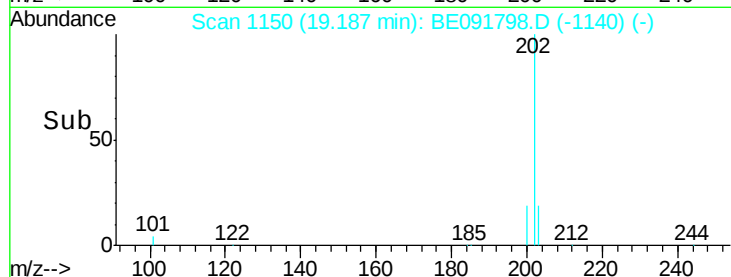
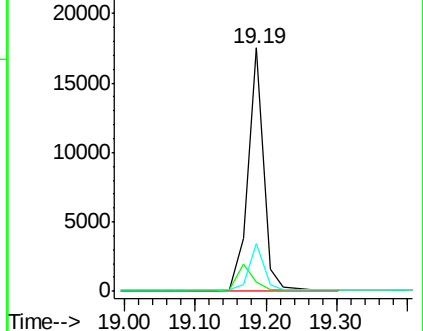
203 18.4 13.9 20.9



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: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

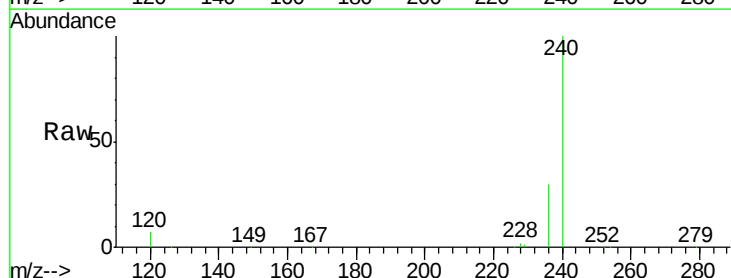
Tgt Ion:240 Resp: 322629

Ion Ratio Lower Upper

240 100

120 6.9 11.0 16.4#

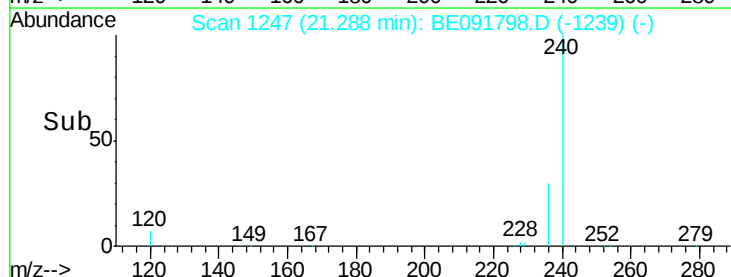
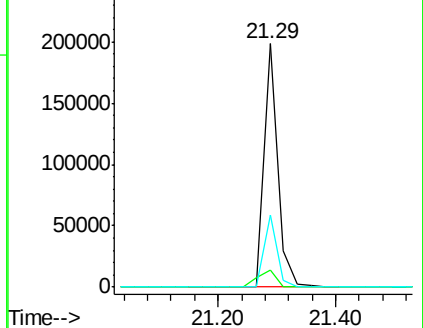
236 29.6 21.7 32.5

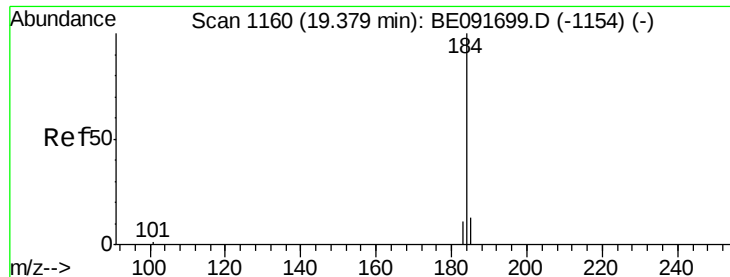


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

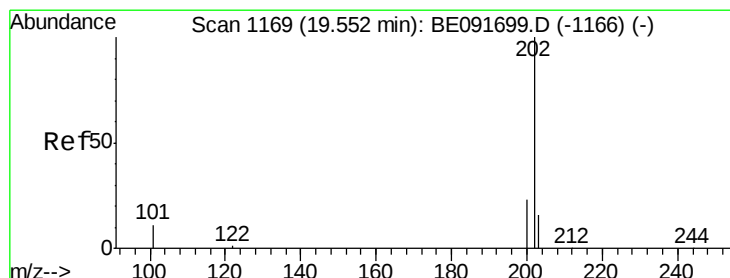
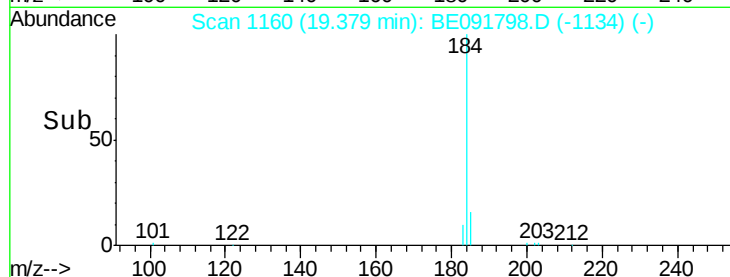
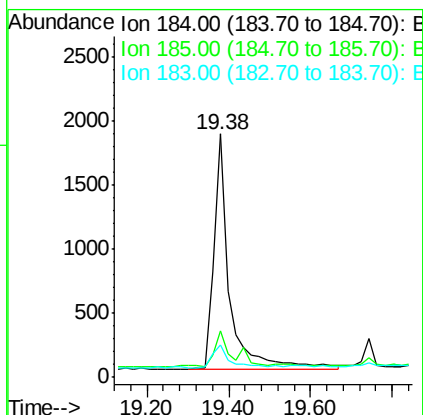
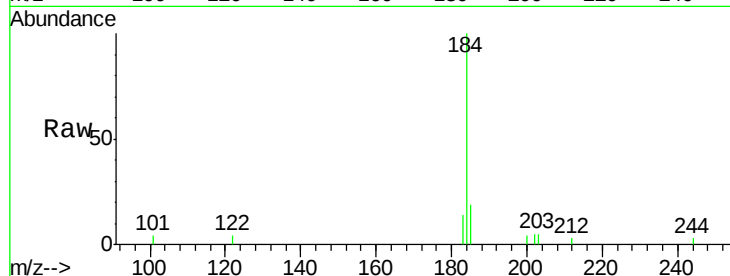




#27
Benzidine
Concen: 0.35 ng
RT: 19.38 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

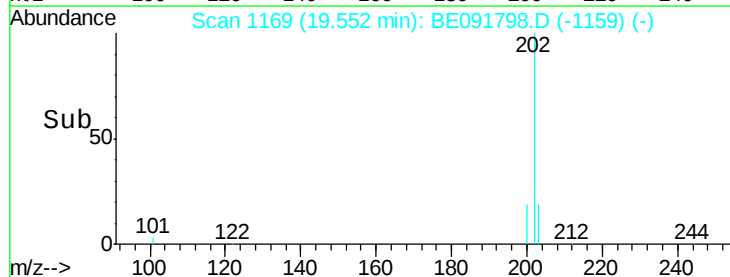
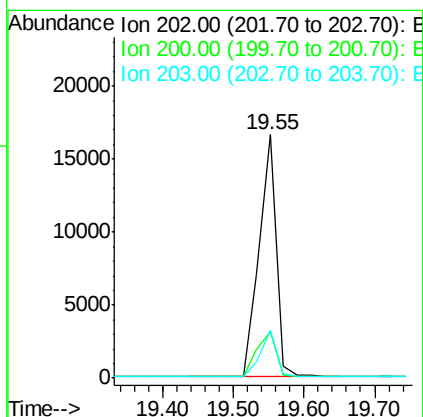
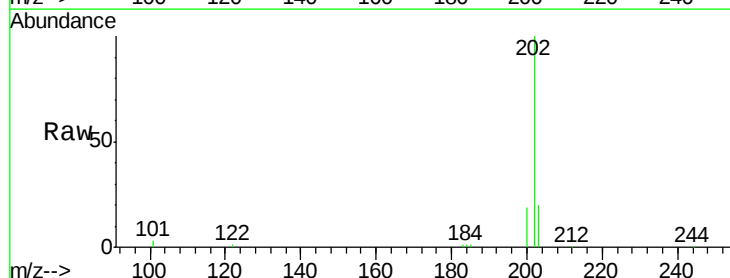
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

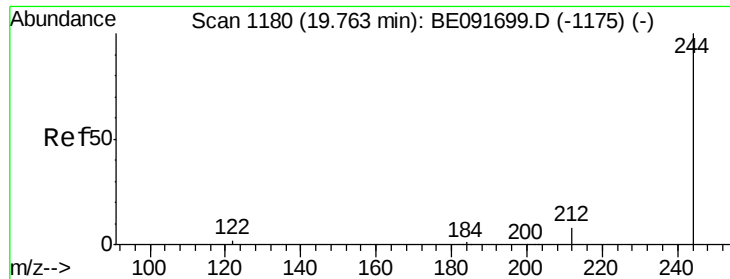
Tgt Ion:184 Resp: 4931
Ion Ratio Lower Upper
184 100
185 19.1 22.3 33.5#
183 13.5 16.4 24.6#



#28
Pyrene
Concen: 0.39 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091798.D
Acq: 18 May 2016 20:59

Tgt Ion:202 Resp: 28399
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.36 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

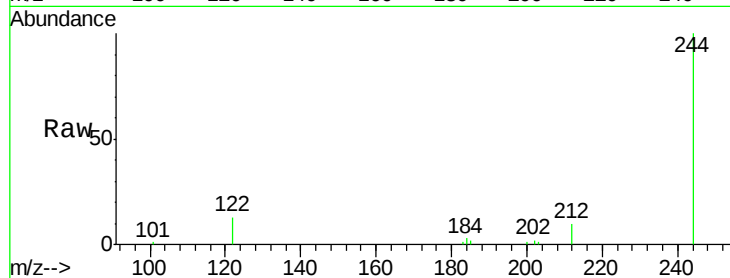
Tgt Ion:244 Resp: 17987

Ion Ratio Lower Upper

244 100

212 10.0 6.9 10.3

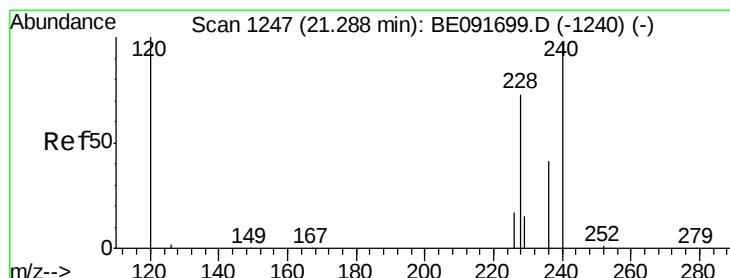
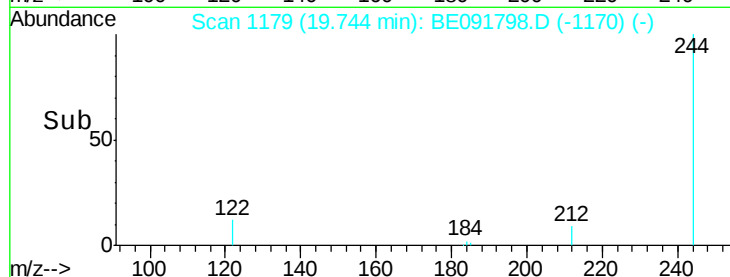
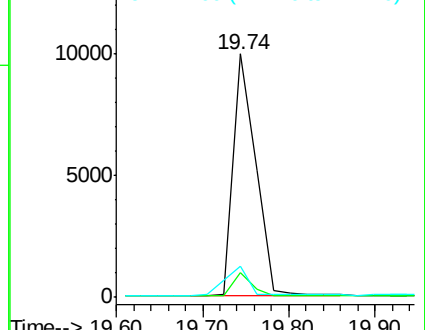
122 12.6 11.0 16.4



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: 0.71 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

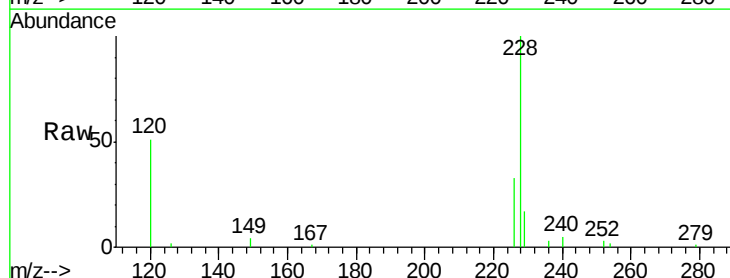
Tgt Ion:228 Resp: 56235

Ion Ratio Lower Upper

228 100

226 33.0 21.0 31.4#

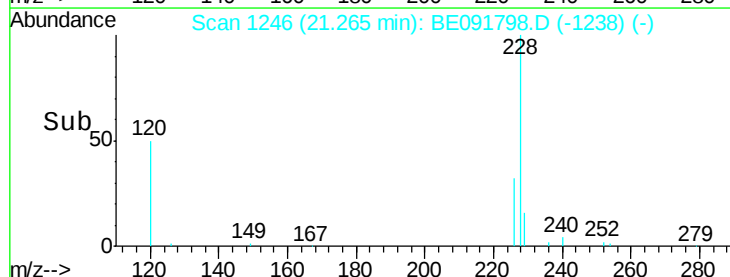
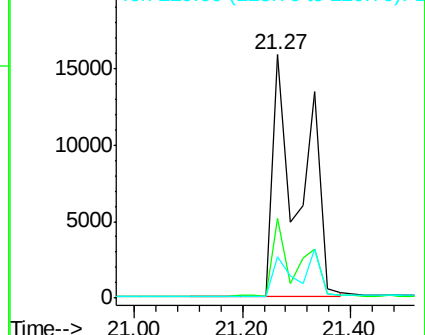
229 16.9 15.7 23.5

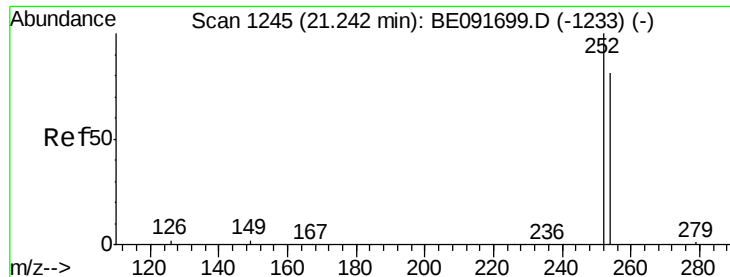


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

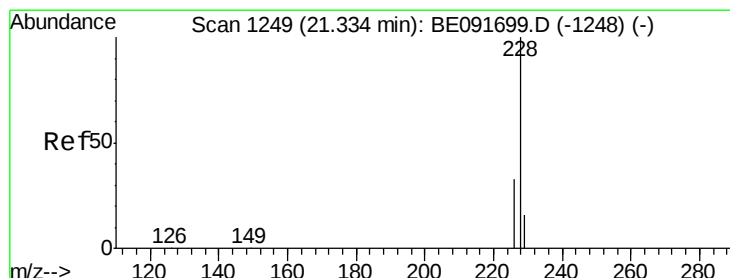
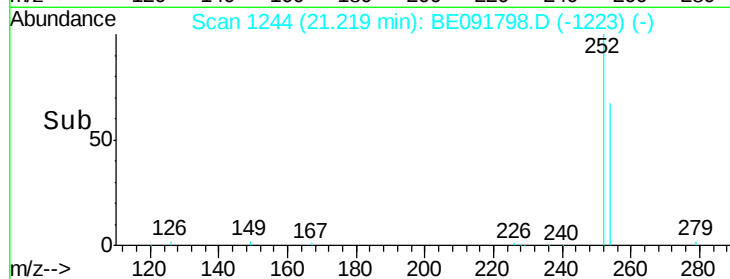
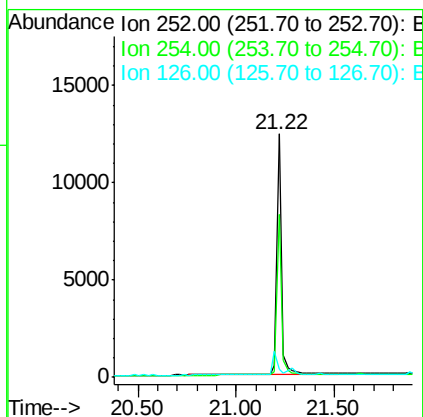
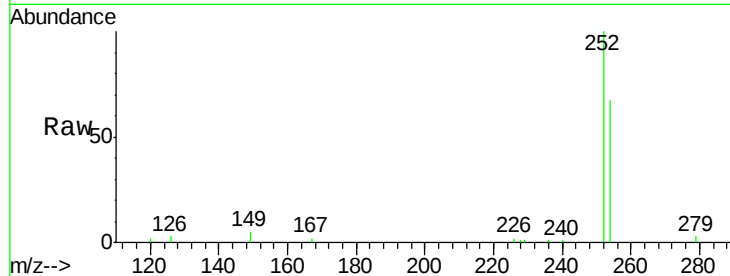




#31
 3,3'-Dichlorobenzidine
 Concen: 0.54 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091798.D
 Acq: 18 May 2016 20:59

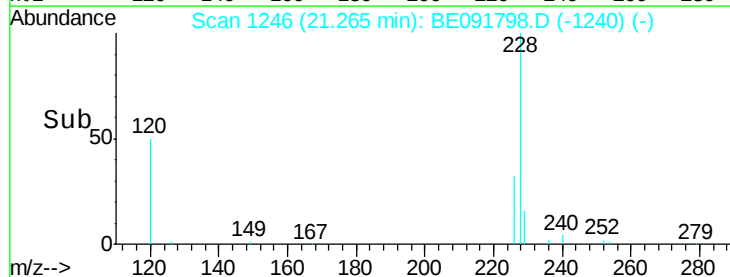
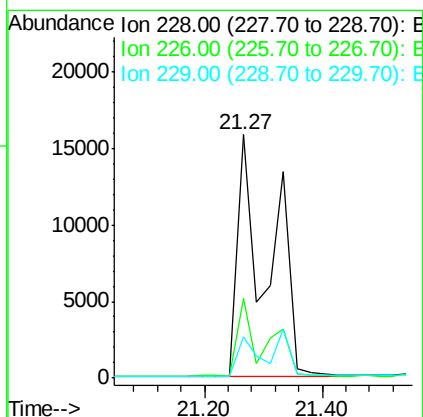
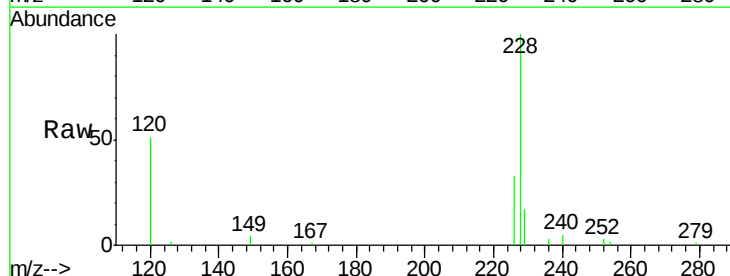
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

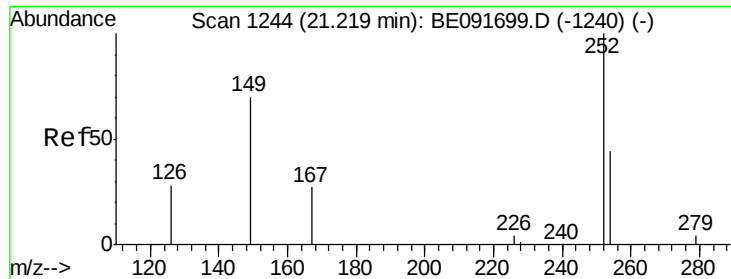
Tgt Ion: 252 Resp: 21896
 Ion Ratio Lower Upper
 252 100
 254 67.2 51.1 76.7
 126 3.3 12.6 18.8#



#32
 Chrysene
 Concen: 0.69 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091798.D
 Acq: 18 May 2016 20:59

Tgt Ion: 228 Resp: 56536
 Ion Ratio Lower Upper
 228 100
 226 33.0 24.0 36.0
 229 16.9 15.9 23.9

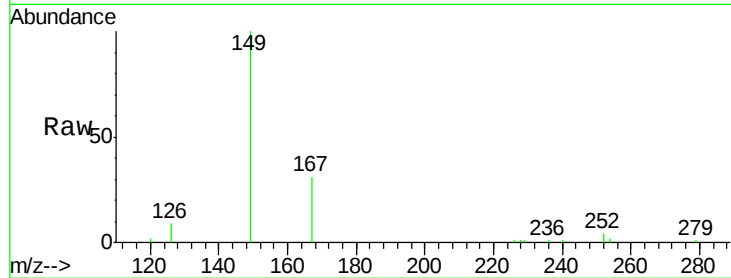




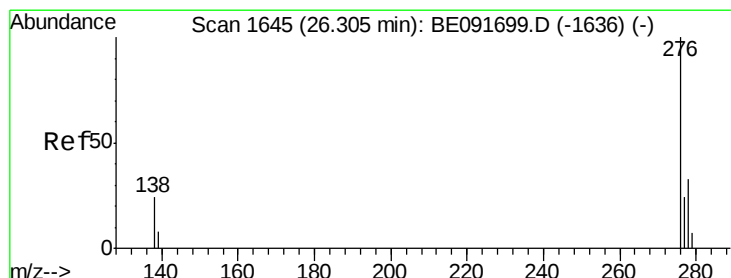
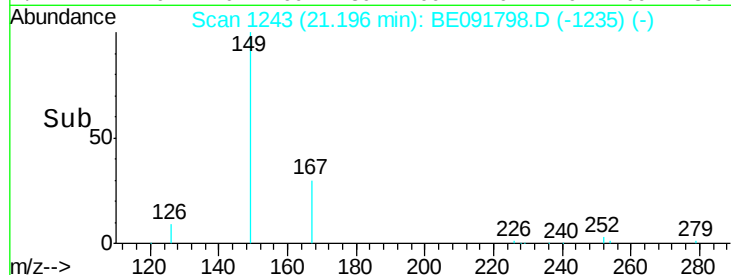
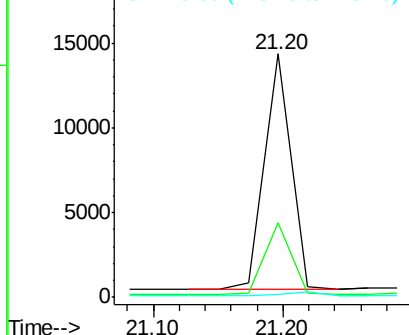
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.84 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091798.D
 Acq: 18 May 2016 20:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:149 Resp: 20014
 Ion Ratio Lower Upper
 149 100
 167 30.1 19.5 29.3#
 279 0.0 10.0 15.0#

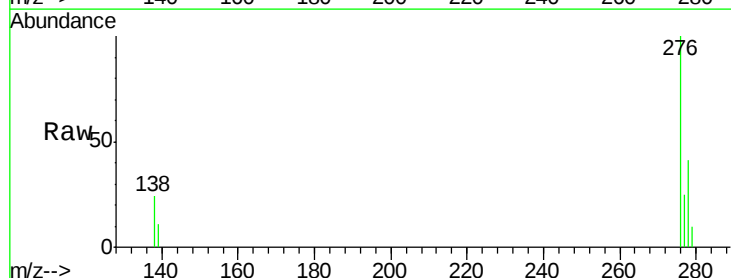


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

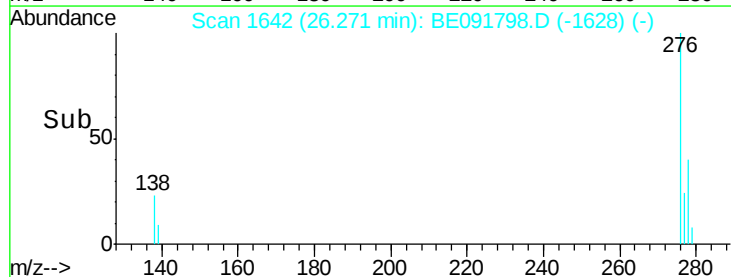
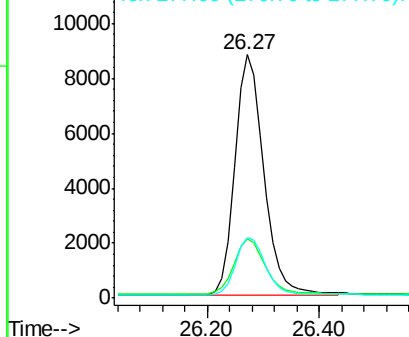


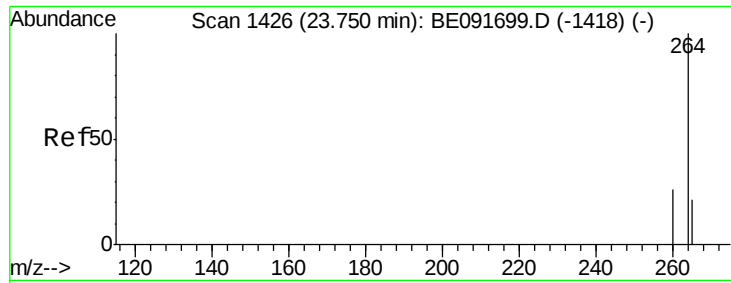
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.44 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091798.D
 Acq: 18 May 2016 20:59

Tgt Ion:276 Resp: 32015
 Ion Ratio Lower Upper
 276 100
 138 24.9 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

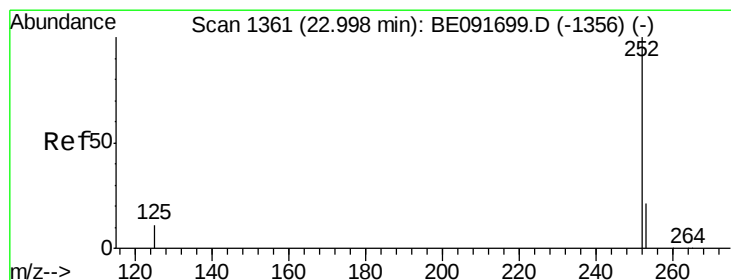
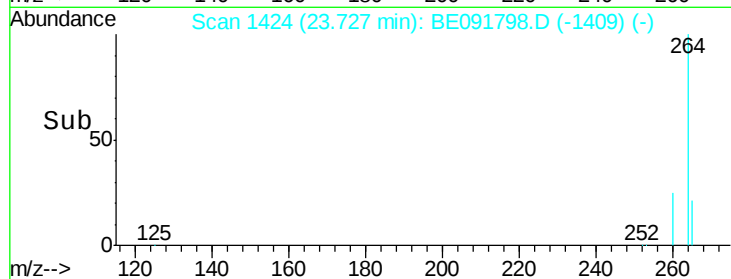
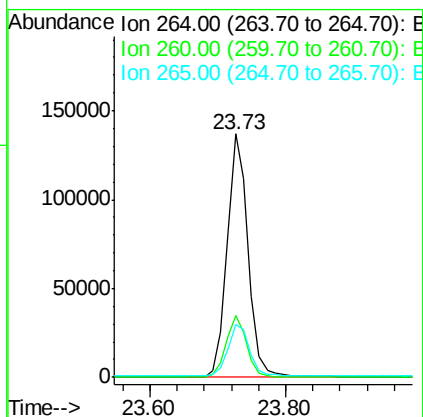
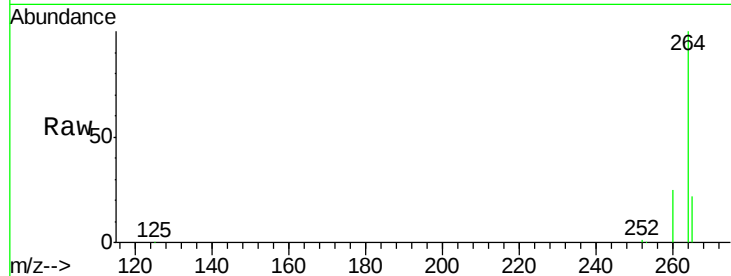




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091798.D
 Acq: 18 May 2016 20:59

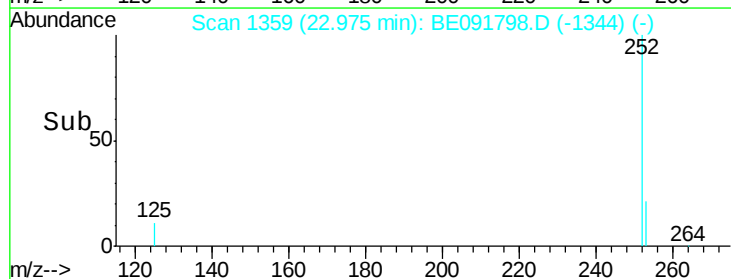
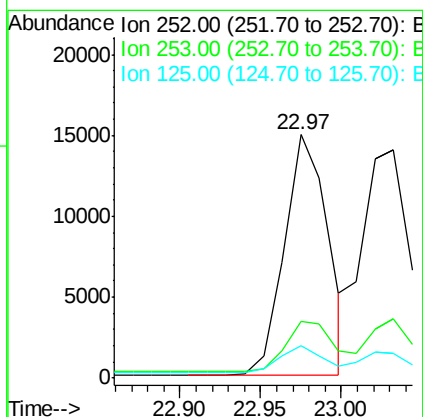
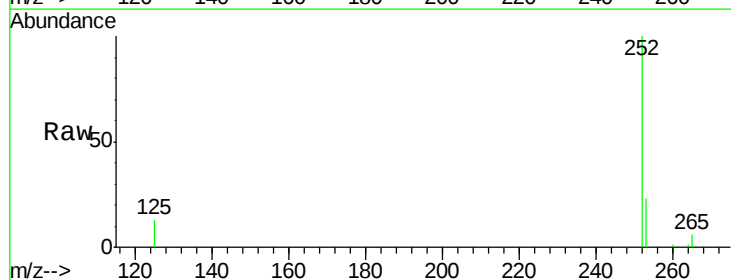
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

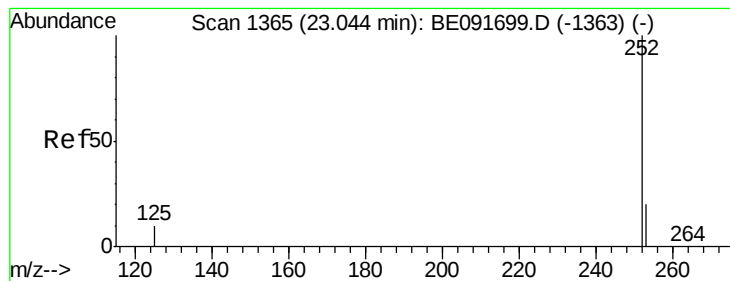
Tgt Ion: 264 Resp: 298379
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 21.7 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091798.D
 Acq: 18 May 2016 20:59

Tgt Ion: 252 Resp: 27896
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.4 26.0
 125 13.1 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

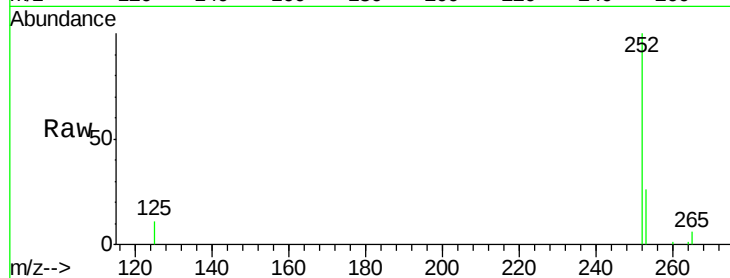
Tgt Ion:252 Resp: 29458

Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

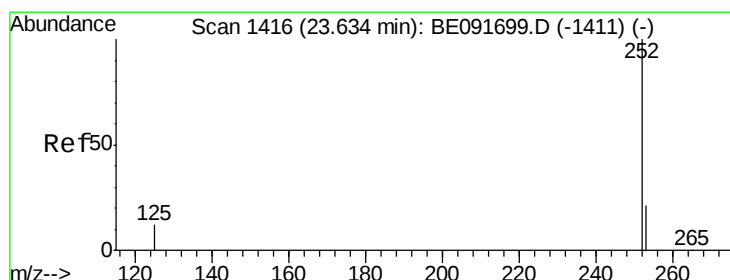
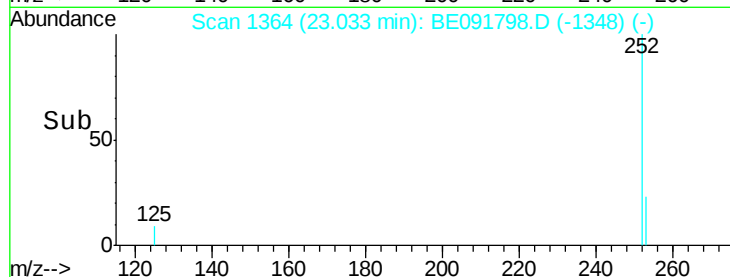
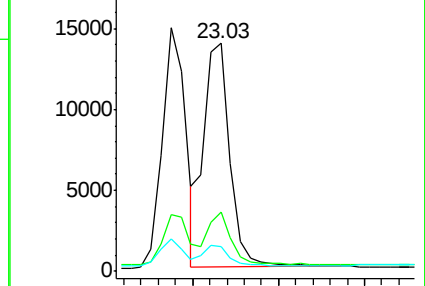
125 11.0 9.9 14.9



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: 0.42 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

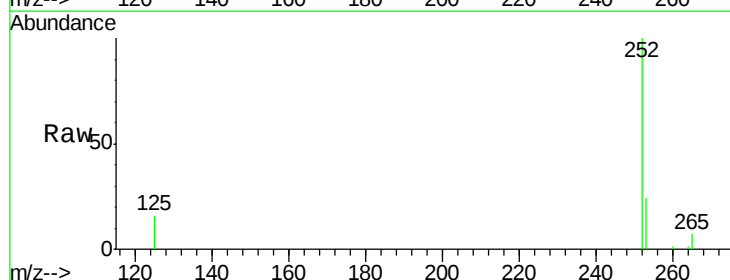
Tgt Ion:252 Resp: 27523

Ion Ratio Lower Upper

252 100

253 24.3 18.1 27.1

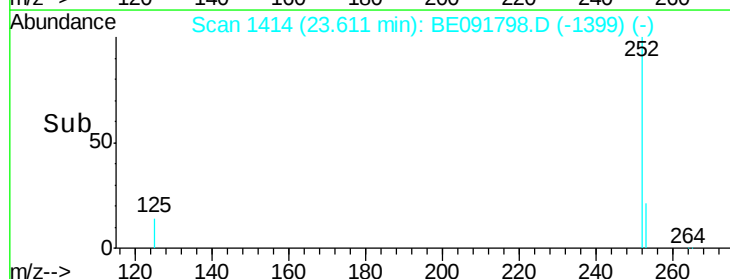
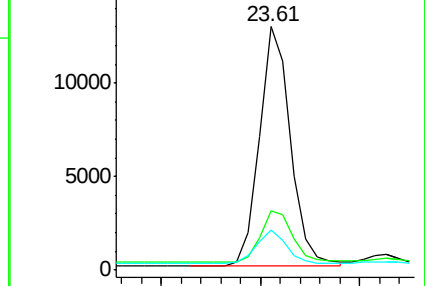
125 16.2 11.0 16.4

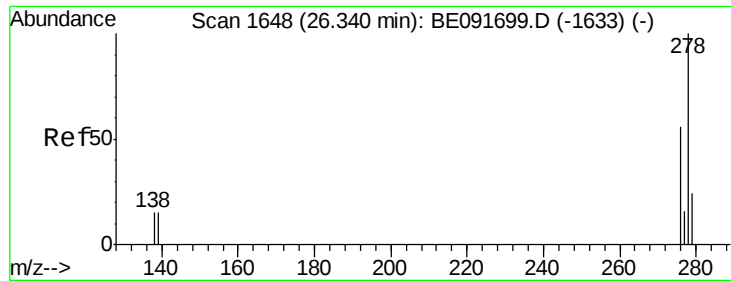


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.43 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

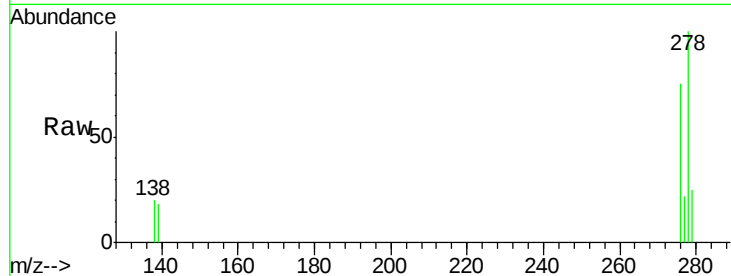
Tgt Ion: 278 Resp: 26569

Ion Ratio Lower Upper

278 100

139 17.9 16.0 24.0

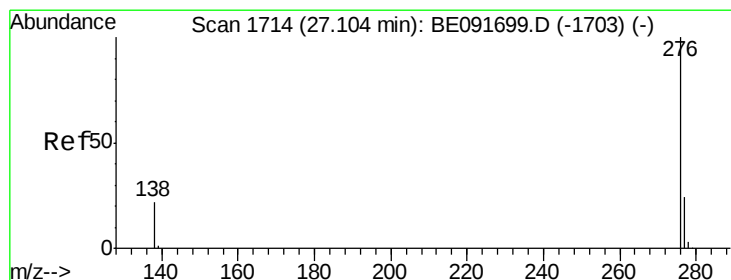
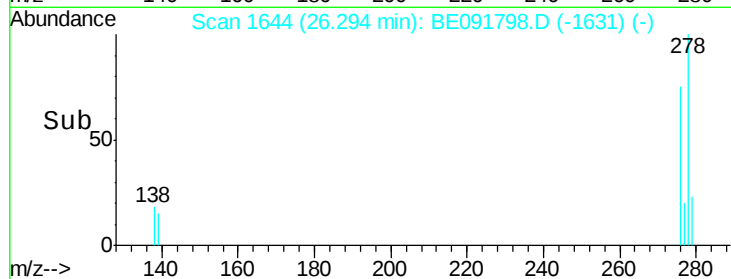
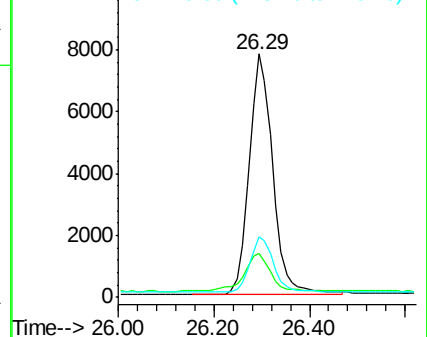
279 25.0 19.4 29.2



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: 0.43 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091798.D

Acq: 18 May 2016 20:59

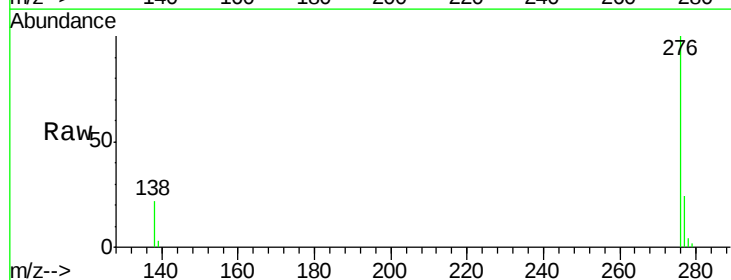
Tgt Ion: 276 Resp: 27082

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 21.7 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

