

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091817.D
 Acq On : 19 May 2016 19:28
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 20 04:49:07 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	21524	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	107818	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	73223	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	229340	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	289346	5.00	ng	-0.02
35) Perylene-d12	23.73	264	239744	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2069	0.37	ng	0.00
5) Phenol-d6	6.95	99	2717	0.34	ng	0.00
8) Nitrobenzene-d5	8.95	82	2546	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	958	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	7996	0.39	ng	-0.01
29) Terphenyl-d14	19.74	244	14871	0.36	ng	-0.02

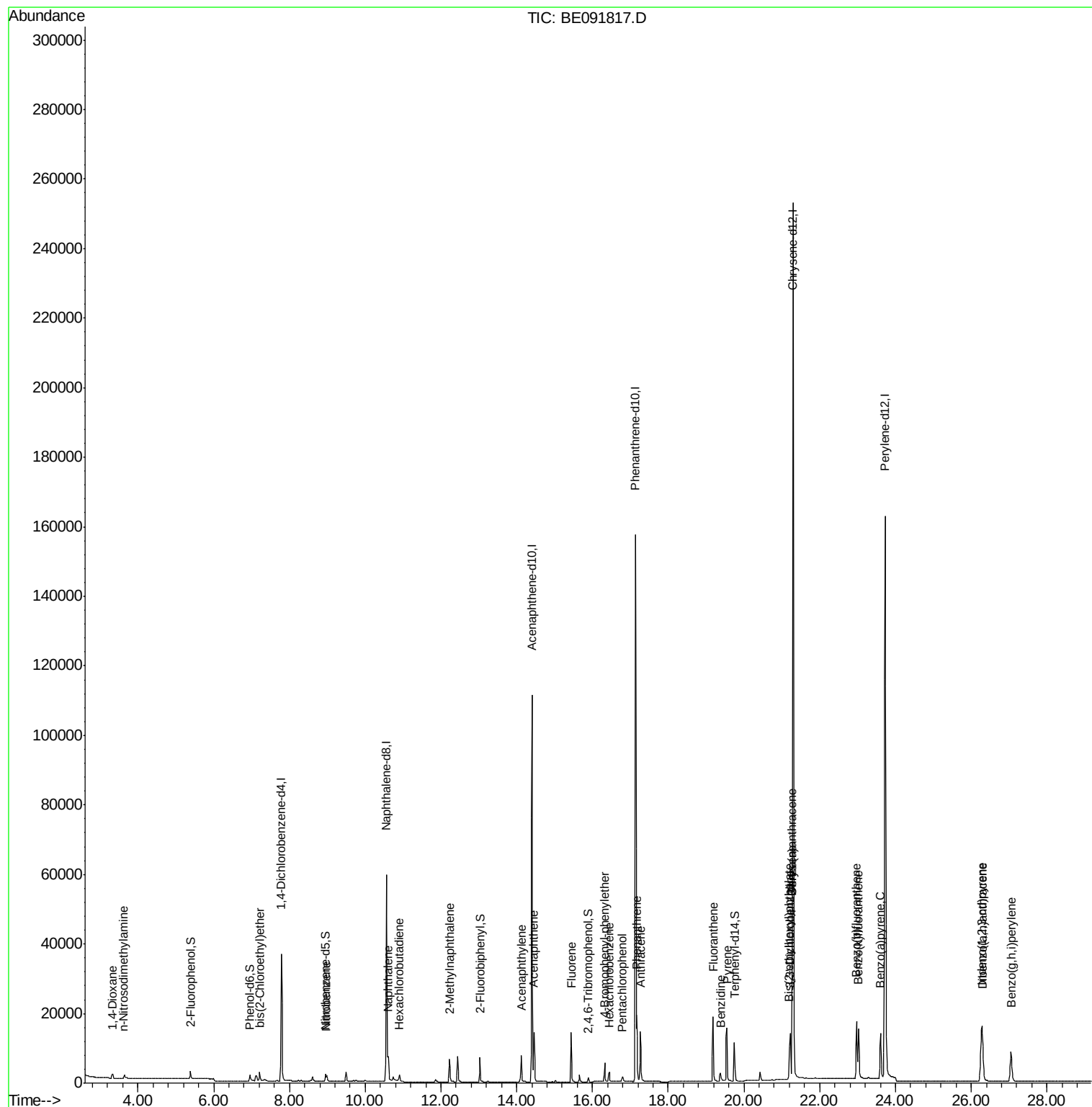
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1135	0.45	ng	# 92
3) n-Nitrosodimethylamine	3.63	42	1175	0.34	ng	98
6) bis(2-Chloroethyl)ether	7.21	93	2266	0.36	ng	# 76
9) Nitrobenzene	8.98	77	2514	0.34	ng	# 93
10) Naphthalene	10.61	128	9117	0.38	ng	99
11) Hexachlorobutadiene	10.90	225	2085	0.59	ng	87
12) 2-Methylnaphthalene	12.23	142	5978	0.37	ng	98
16) Acenaphthylene	14.12	152	12227	0.37	ng	# 73
17) Acenaphthene	14.46	154	7184	0.37	ng	86
18) Fluorene	15.44	166	9748	0.38	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	2854	0.33	ng	96
21) Hexachlorobenzene	16.45	284	3129	0.35	ng	99
22) Pentachlorophenol	16.79	266	1244	0.34	ng	94
23) Phenanthrene	17.17	178	19717	0.34	ng	98
24) Anthracene	17.26	178	17314	0.35	ng	99
25) Fluoranthene	19.19	202	21896	0.36	ng	# 97
27) Benzidine	19.38	184	5861	0.34	ng	# 81
28) Pyrene	19.55	202	22307	0.35	ng	100
30) Benzo(a)anthracene	21.27	228	47942	0.69	ng	94
31) 3,3'-Dichlorobenzidine	21.22	252	13991	0.32	ng	# 88
32) Chrysene	21.27	228	48188	0.84	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	9277	0.47	ng	# 84
34) Indeno(1,2,3-cd)pyrene	26.27	276	25609	0.36	ng	95
36) Benzo(b)fluoranthene	22.97	252	22856	0.38	ng	96
37) Benzo(k)fluoranthene	23.02	252	22944	0.37	ng	99
38) Benzo(a)pyrene	23.61	252	21675	0.38	ng	98
39) Dibenzo(a,h)anthracene	26.29	278	20932	0.37	ng	95
40) Benzo(g,h,i)perylene	27.05	276	21935	0.38	ng	97

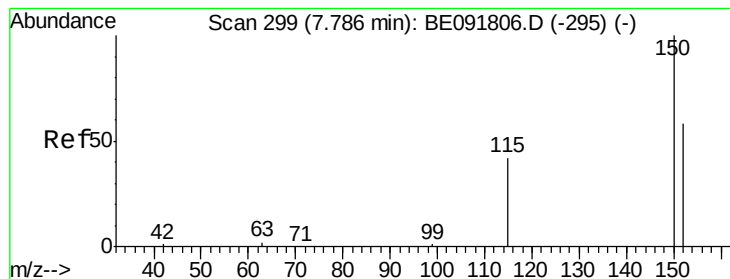
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

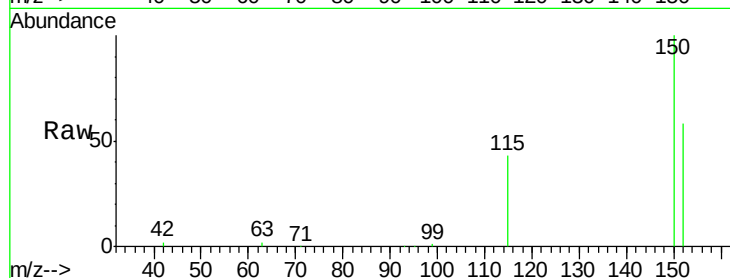
Tgt Ion: 152 Resp: 21524

Ion Ratio Lower Upper

152 100

150 173.7 122.6 183.8

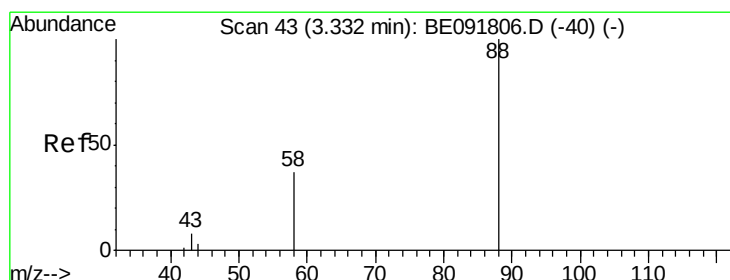
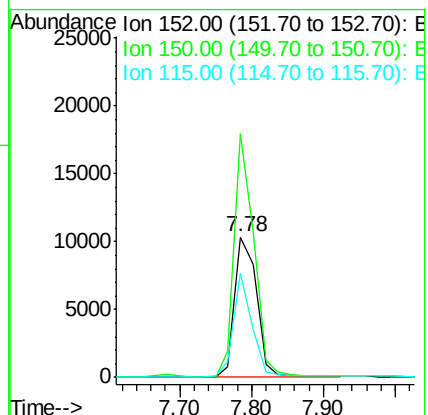
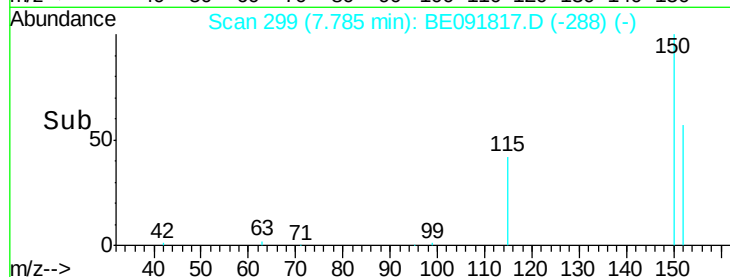
115 74.3 52.8 79.2



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: 0.45 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

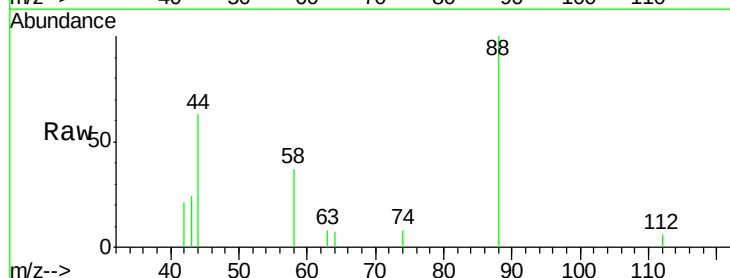
Tgt Ion: 88 Resp: 1135

Ion Ratio Lower Upper

88 100

58 77.7 65.8 98.6

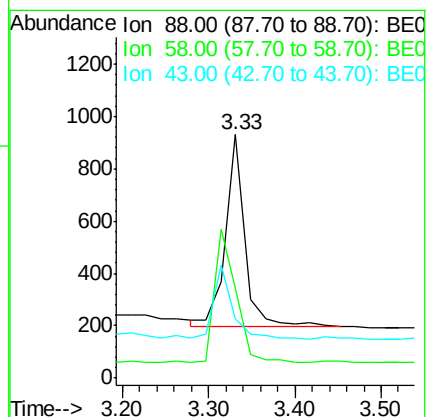
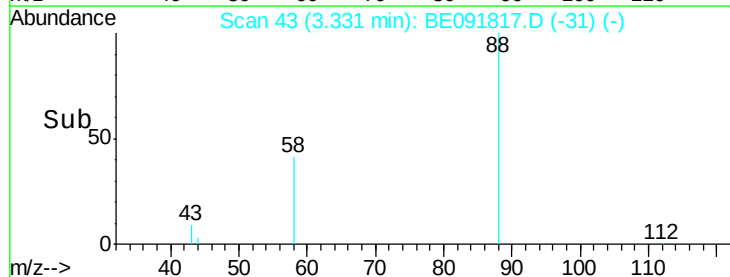
43 39.6 25.3 37.9#

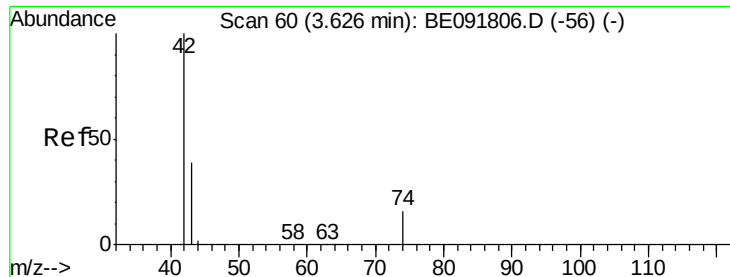


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

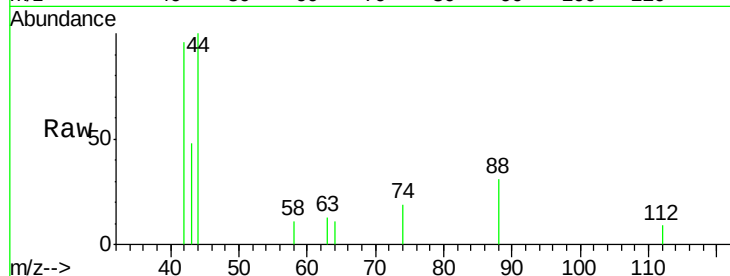
Tgt Ion: 42 Resp: 1175

Ion Ratio Lower Upper

42 100

74 112.3 87.9 131.9

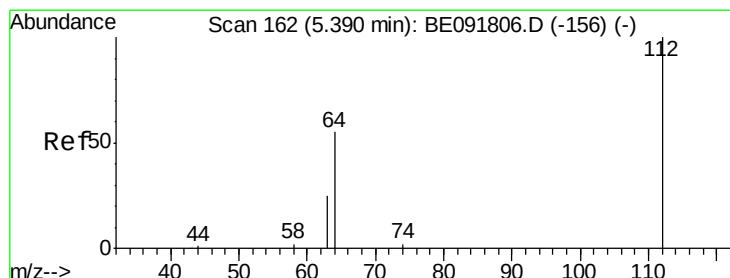
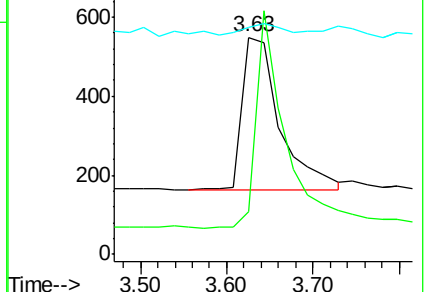
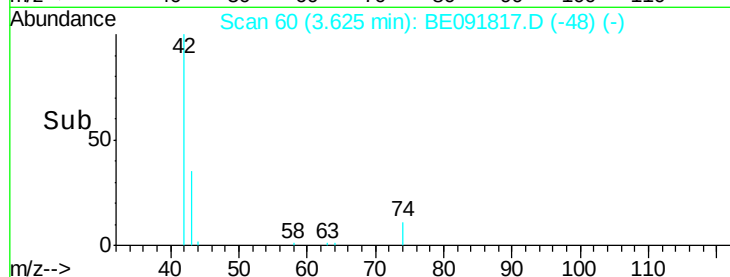
44 6.6 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

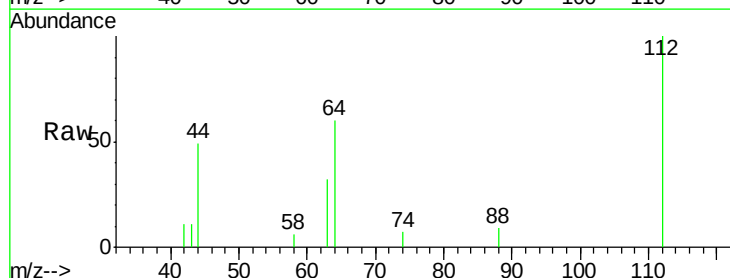
Tgt Ion: 112 Resp: 2069

Ion Ratio Lower Upper

112 100

64 67.3 30.9 46.3#

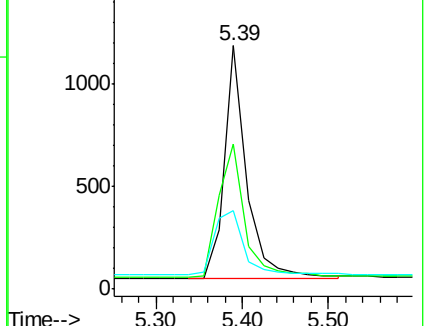
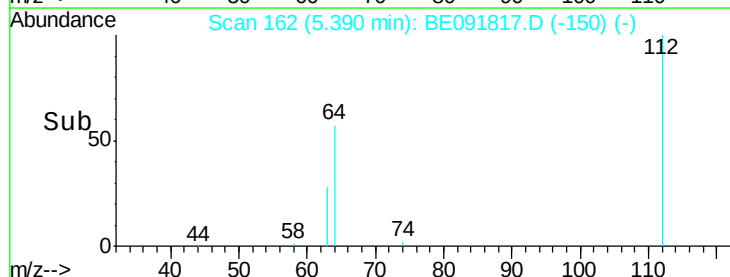
63 36.5 16.7 25.1#

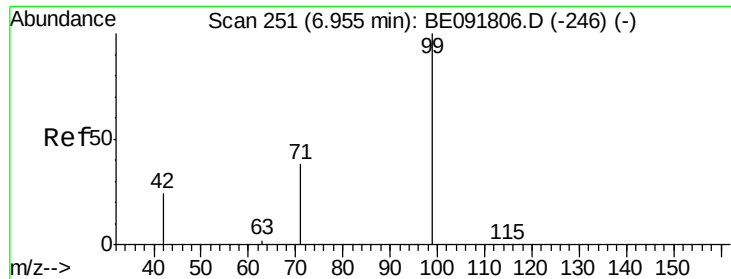


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.34 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

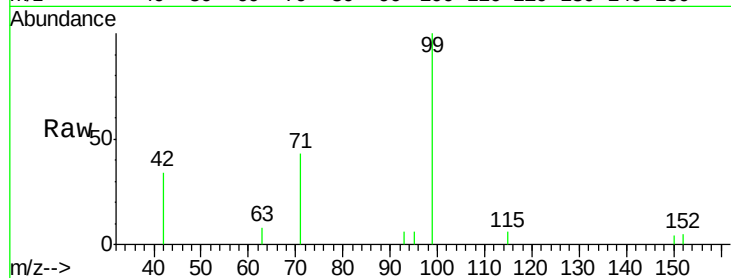
Tgt Ion: 99 Resp: 2717

Ion Ratio Lower Upper

99 100

42 26.5 16.2 24.2#

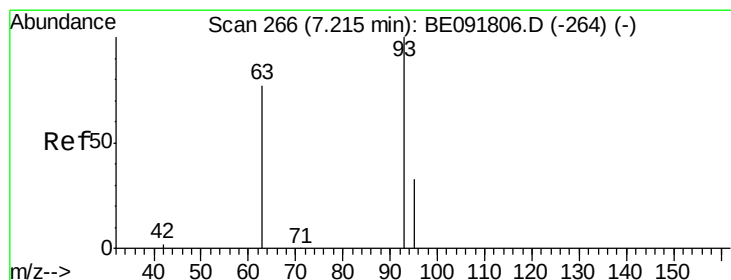
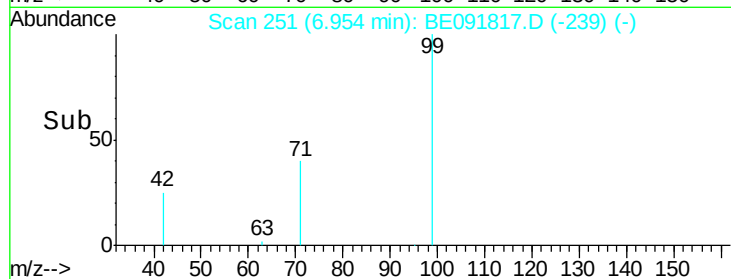
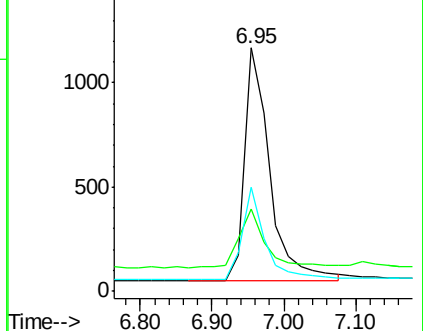
71 36.1 29.0 43.4



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: 0.36 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

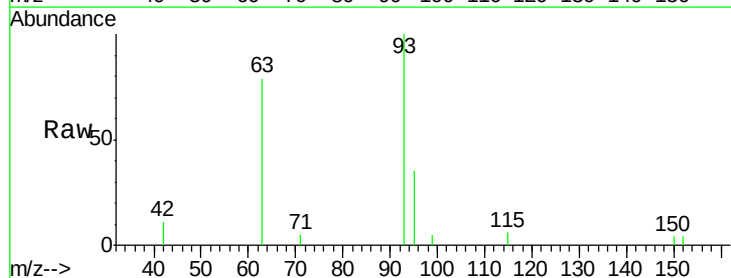
Tgt Ion: 93 Resp: 2266

Ion Ratio Lower Upper

93 100

63 84.7 49.5 74.3#

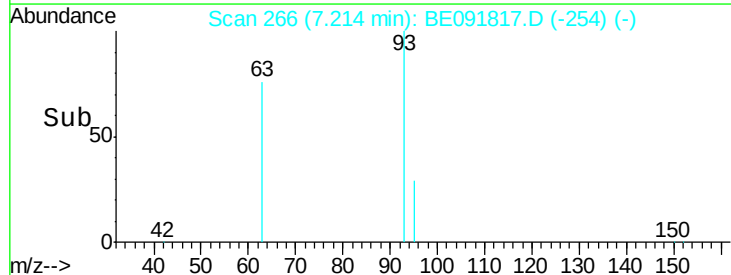
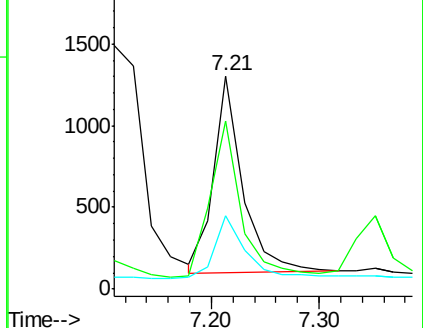
95 34.5 22.2 33.4#

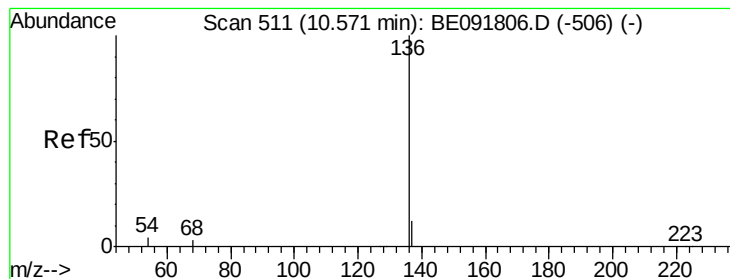


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 107818

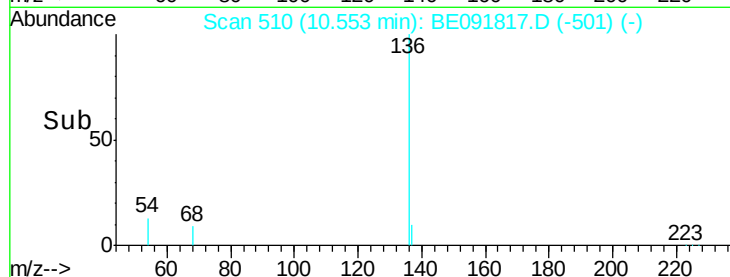
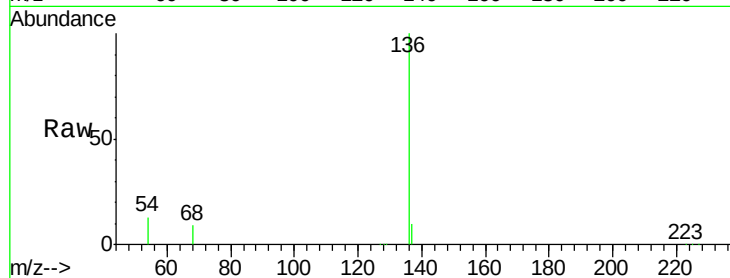
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 13.0 8.2 12.4#

68 9.0 6.2 9.4

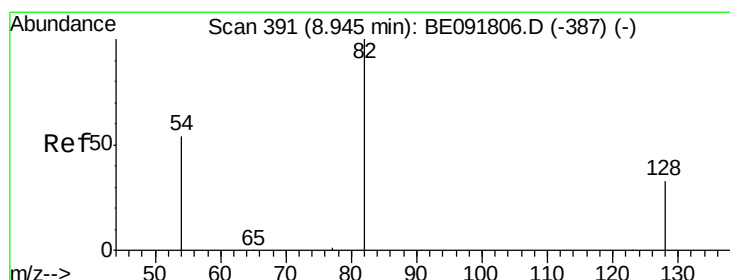
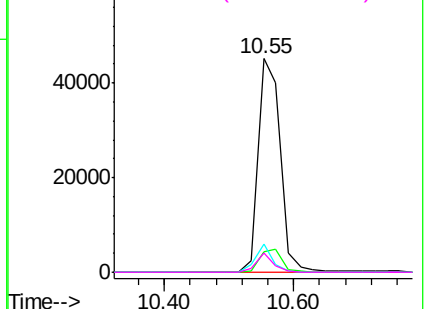


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

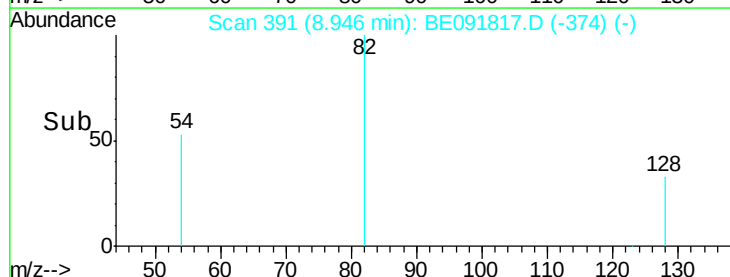
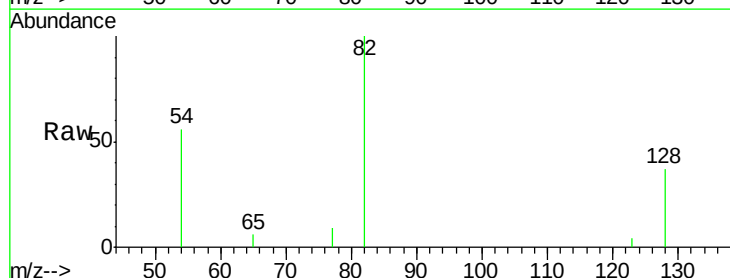
Tgt Ion: 82 Resp: 2546

Ion Ratio Lower Upper

82 100

128 37.3 25.4 38.0

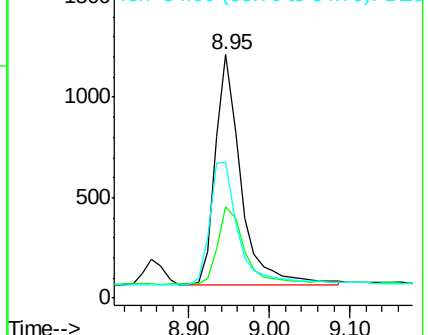
54 56.0 48.4 72.6

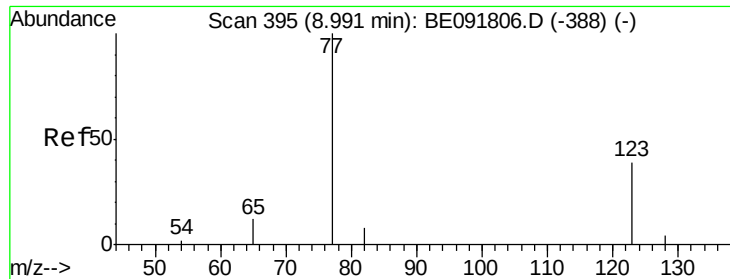


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.34 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

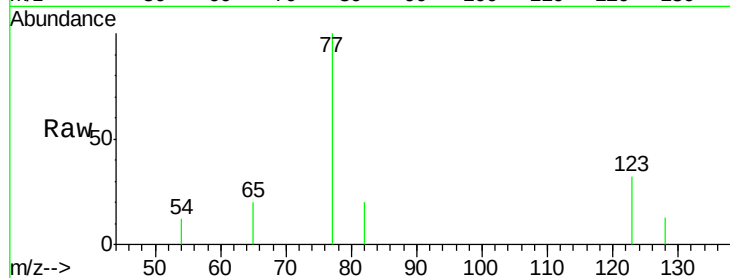
Tgt Ion: 77 Resp: 2514

Ion Ratio Lower Upper

77 100

123 37.4 26.9 40.3

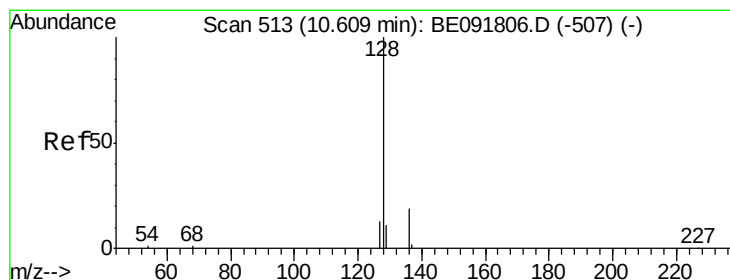
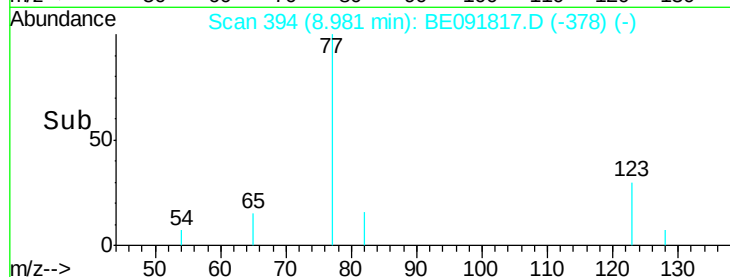
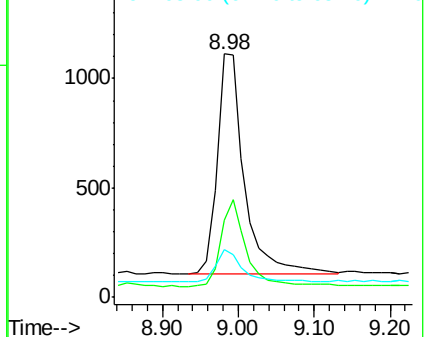
65 15.4 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.38 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

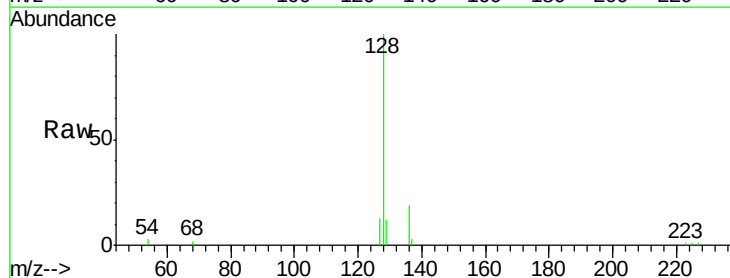
Tgt Ion: 128 Resp: 9117

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

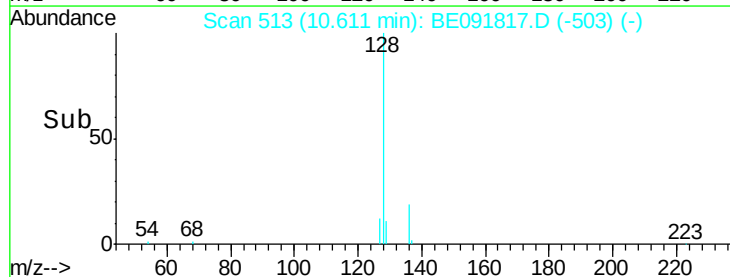
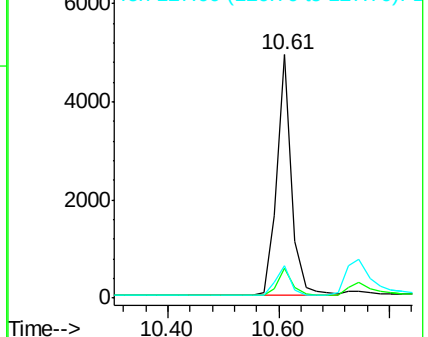
127 13.3 10.7 16.1

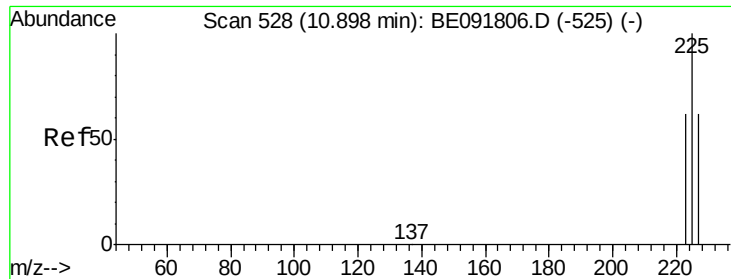


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

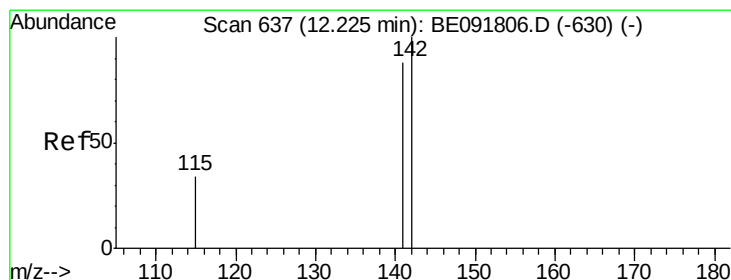
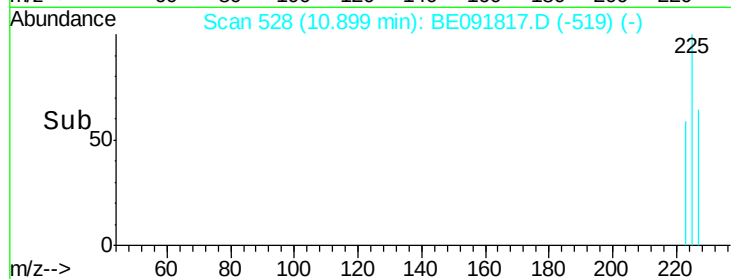
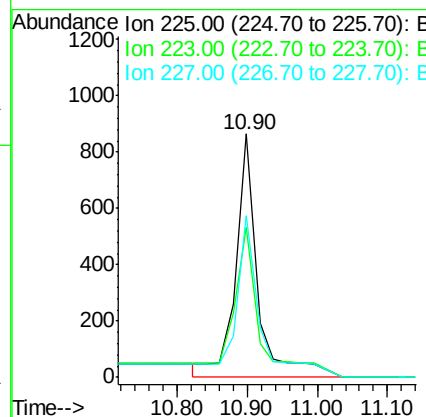
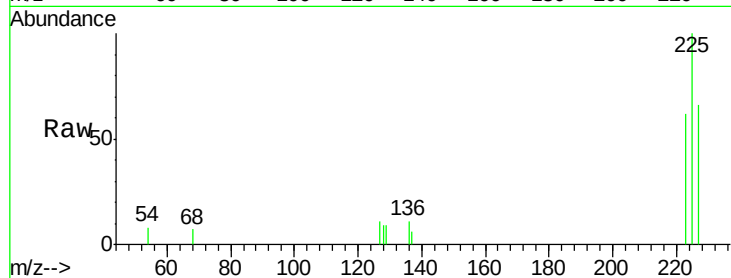




#11
Hexachlorobutadiene
Concen: 0.59 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

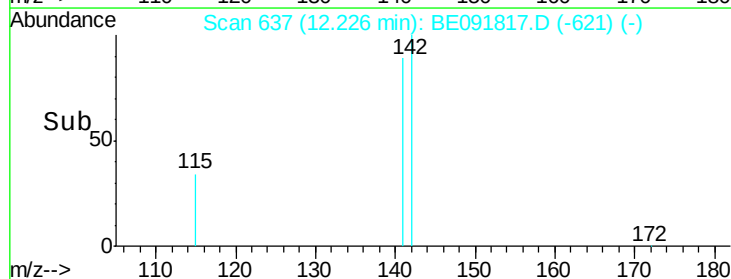
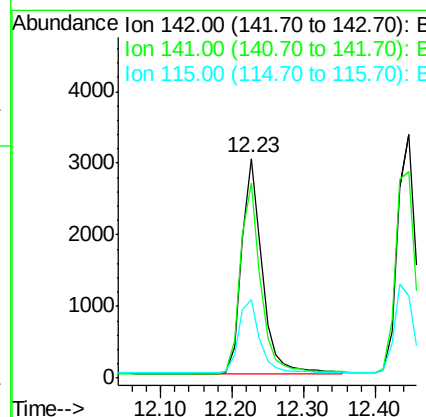
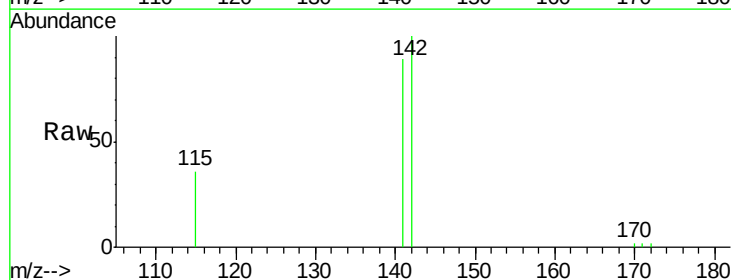
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

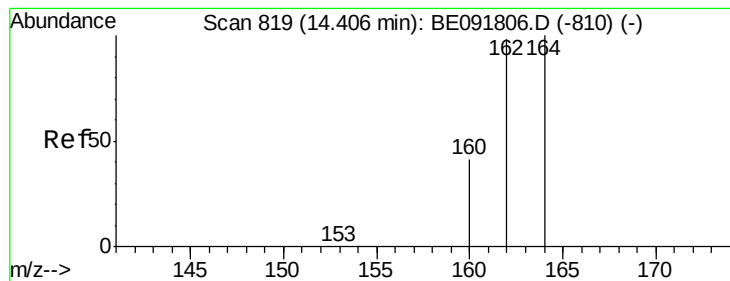
Tgt Ion:	225	Resp:	2085
Ion	Ratio	Lower	Upper
225	100		
223	73.5	49.0	73.6
227	71.2	50.3	75.5



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

Tgt Ion:	142	Resp:	5978
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.0
115	35.8	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: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

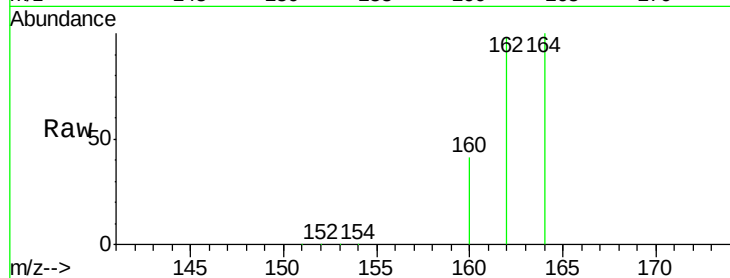
Tgt Ion:164 Resp: 73223

Ion Ratio Lower Upper

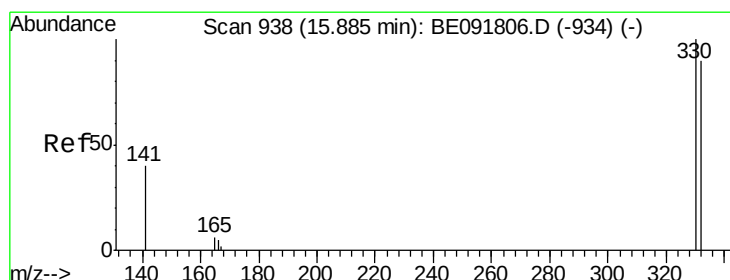
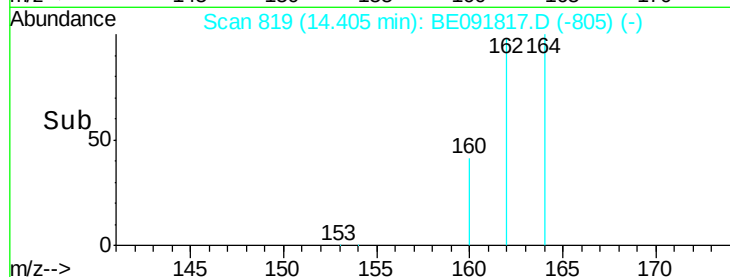
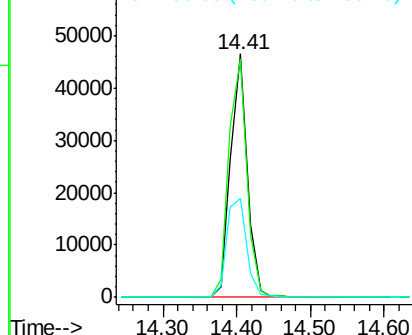
164 100

162 97.9 85.3 127.9

160 40.9 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.34 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

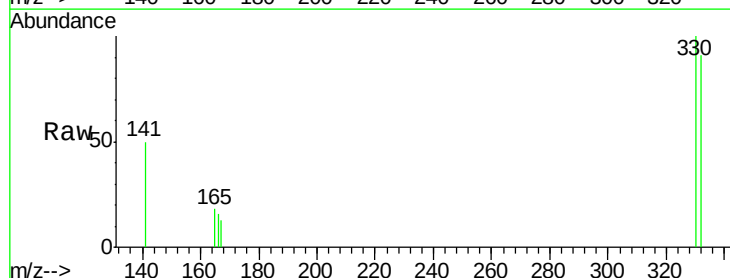
Tgt Ion:330 Resp: 958

Ion Ratio Lower Upper

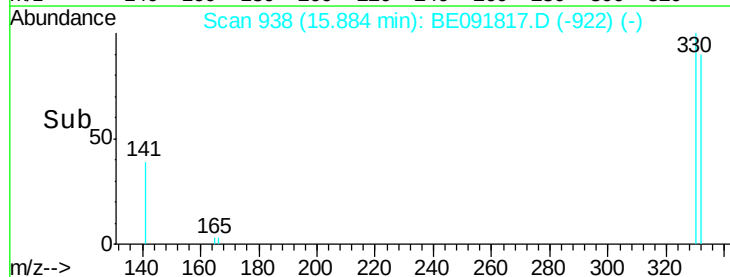
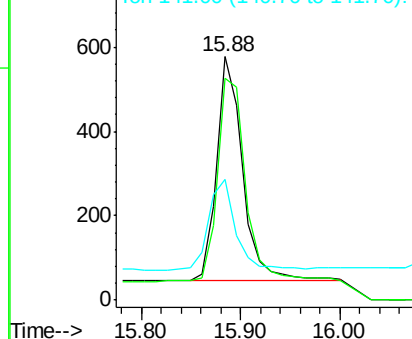
330 100

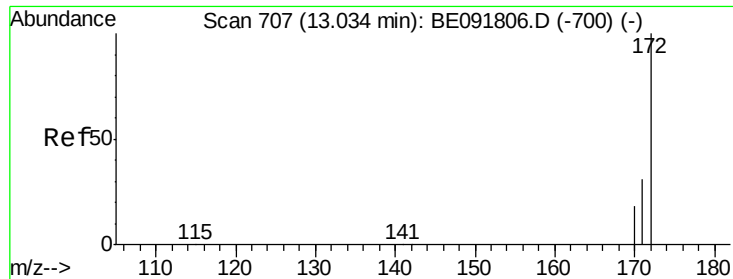
332 98.2 79.1 118.7

141 43.5 125.4 188.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

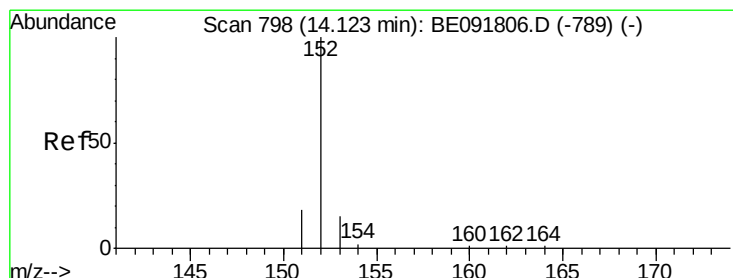
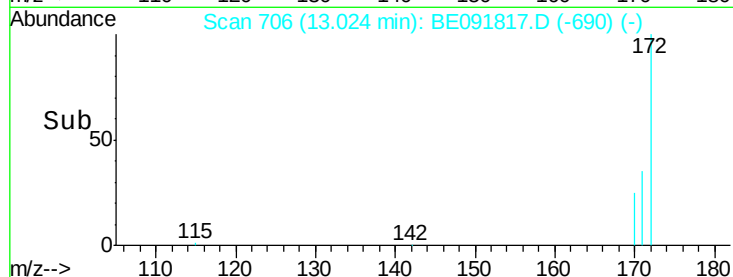
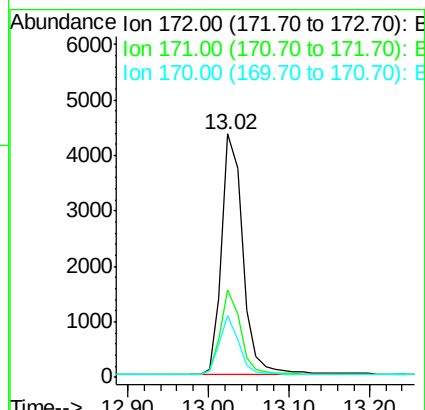
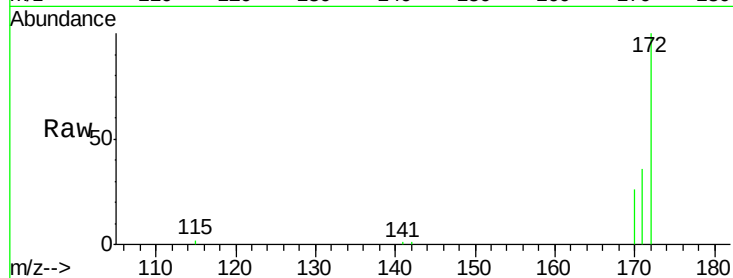




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

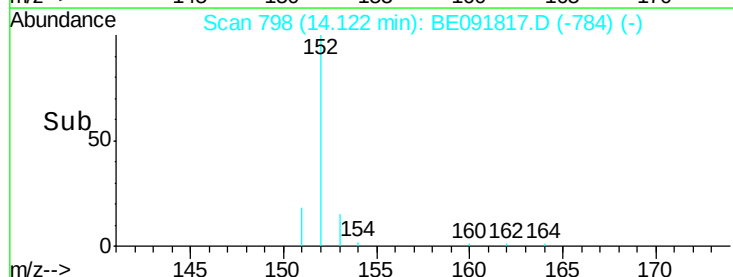
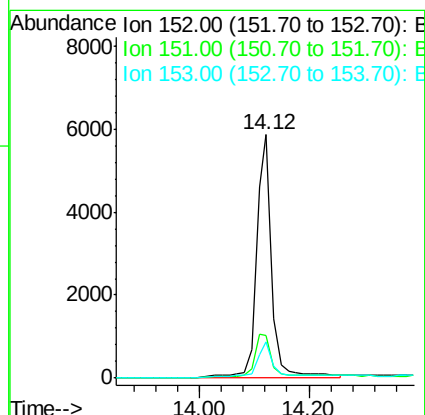
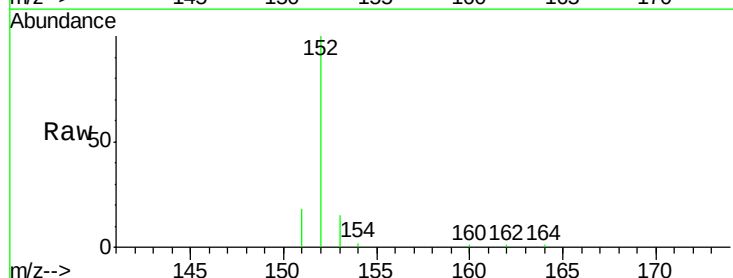
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

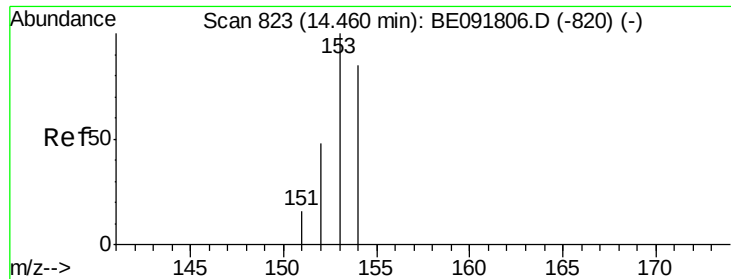
Tgt Ion:172 Resp: 7996
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 25.6 19.3 28.9



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

Tgt Ion:152 Resp: 12227
Ion Ratio Lower Upper
152 100
151 24.4 3.9 5.9#
153 18.7 10.3 15.5#

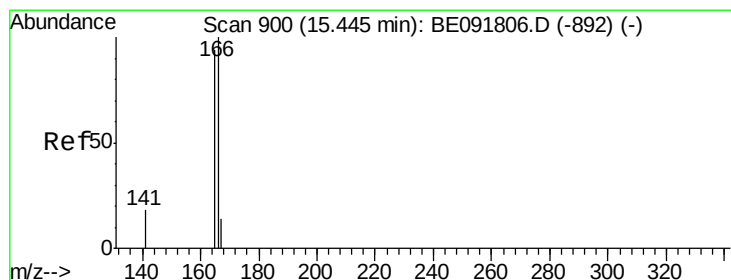
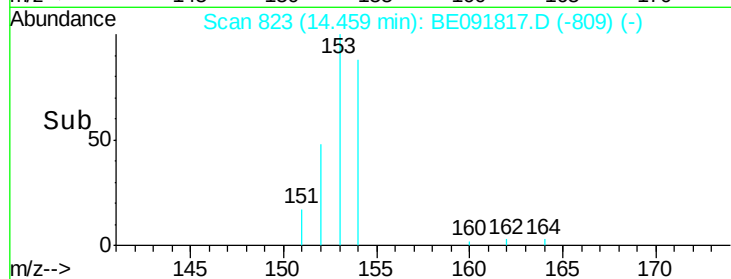
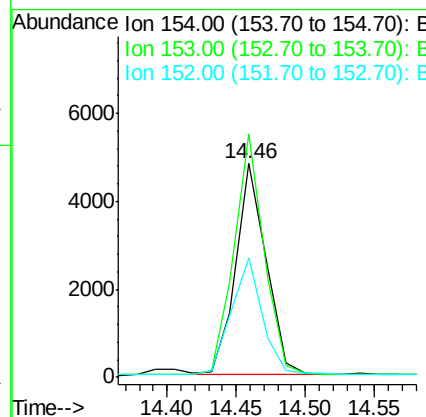
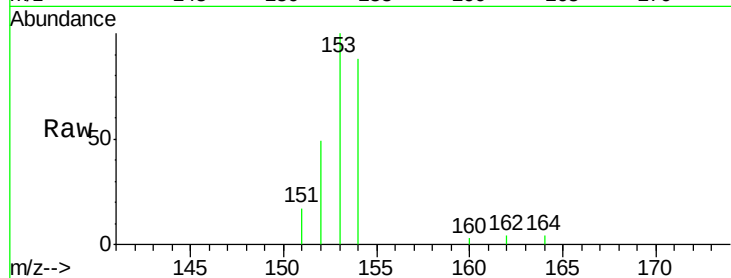




#17
Acenaphthene
Concen: 0.37 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

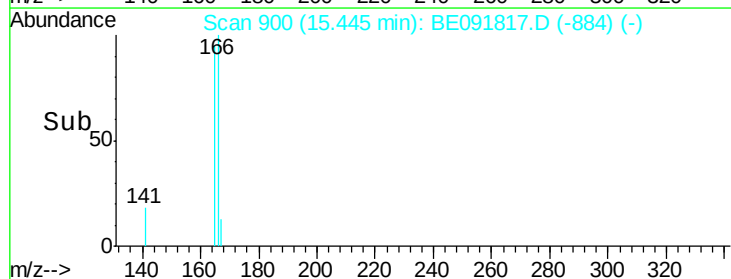
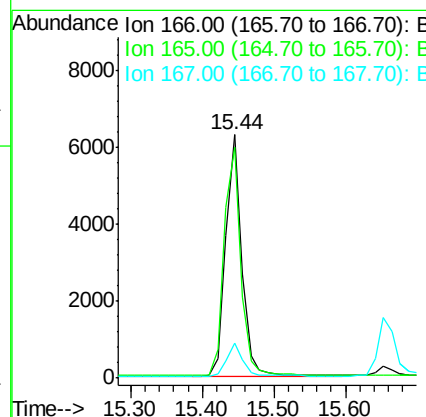
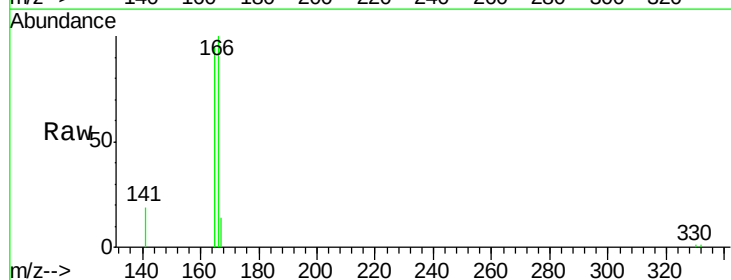
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

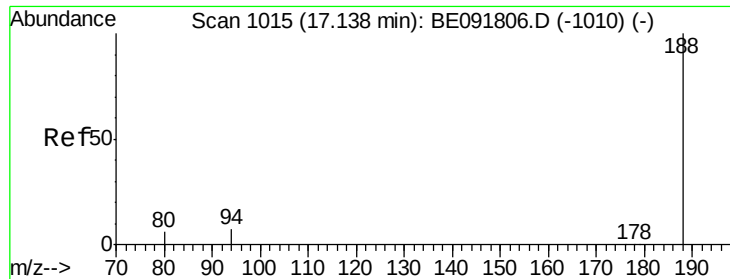
Tgt Ion:154 Resp: 7184
Ion Ratio Lower Upper
154 100
153 115.5 80.0 120.0
152 57.3 40.0 60.0



#18
Fluorene
Concen: 0.38 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

Tgt Ion:166 Resp: 9748
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 13.6 10.9 16.3

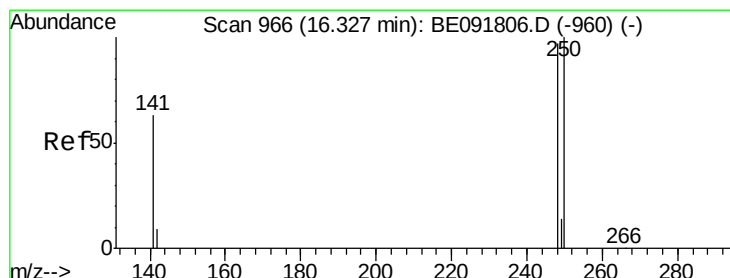
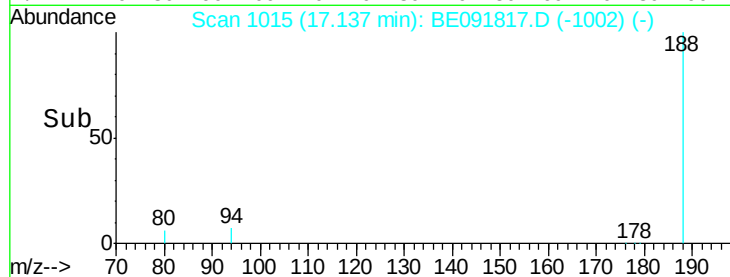
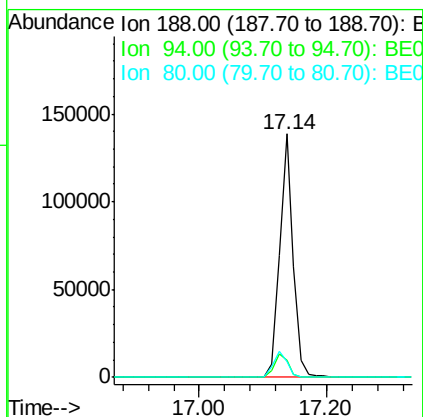
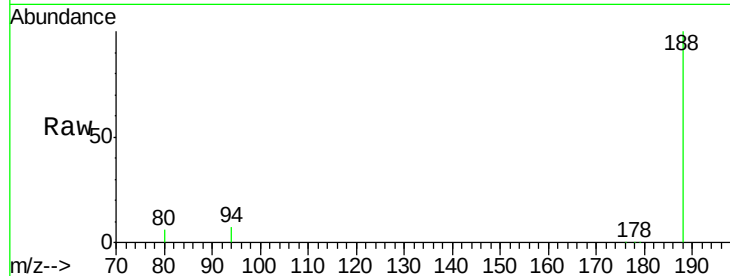




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

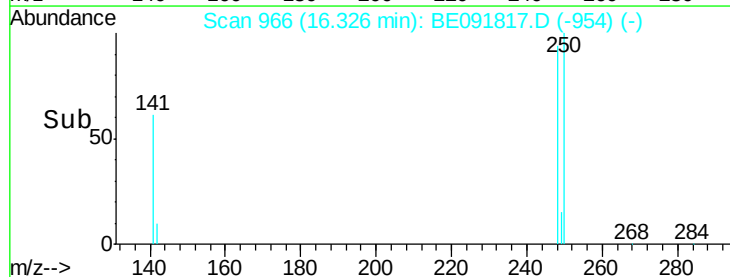
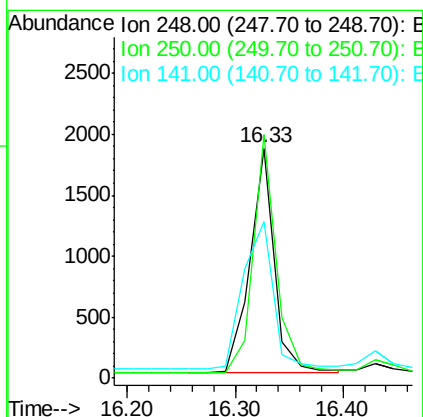
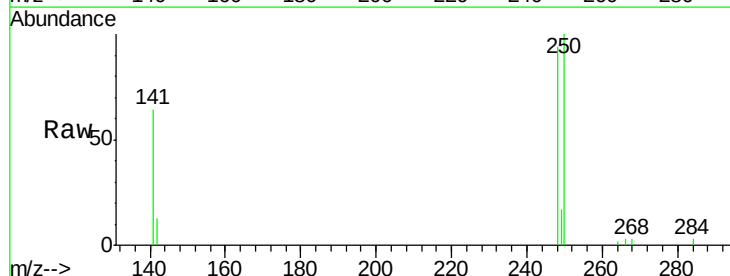
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

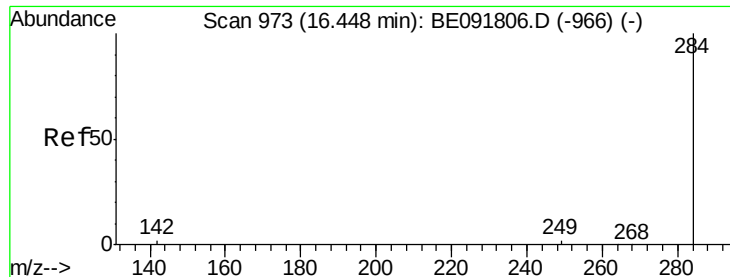
Tgt Ion:188 Resp: 229340
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 6.4 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.33 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

Tgt Ion:248 Resp: 2854
Ion Ratio Lower Upper
248 100
250 100.9 80.5 120.7
141 82.0 72.0 108.0

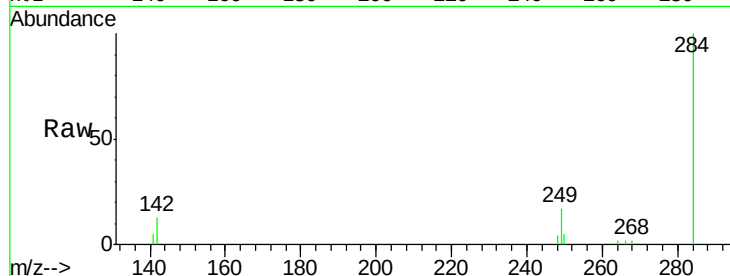




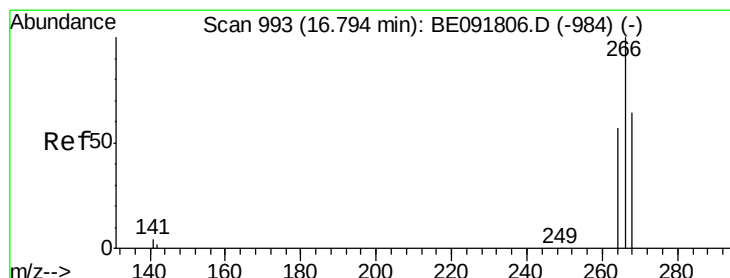
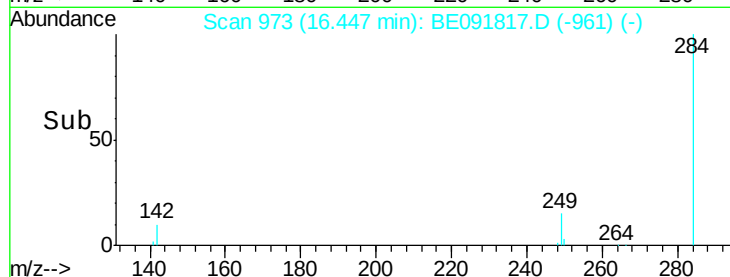
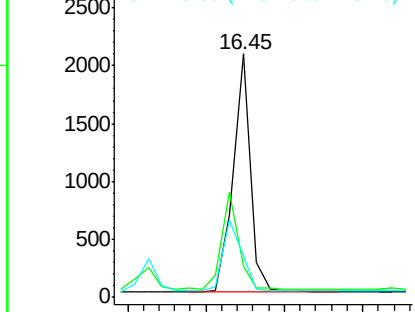
#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 3129
Ion Ratio Lower Upper
284 100
142 39.7 32.2 48.2
249 32.2 25.4 38.2

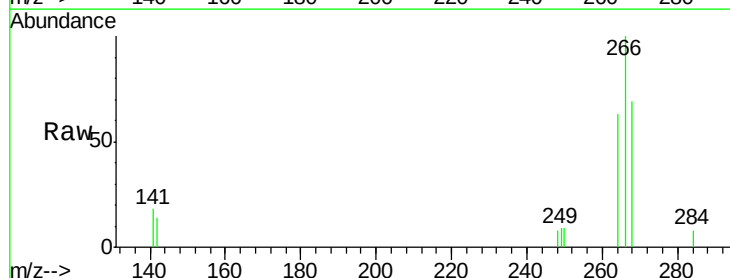


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

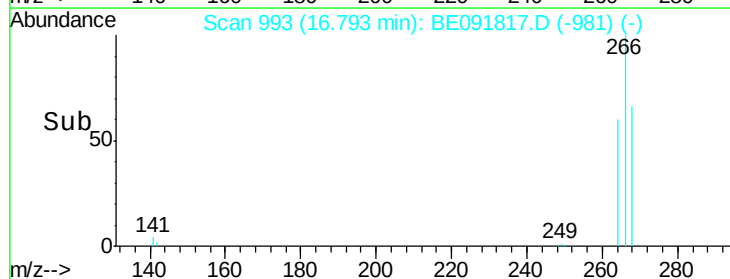
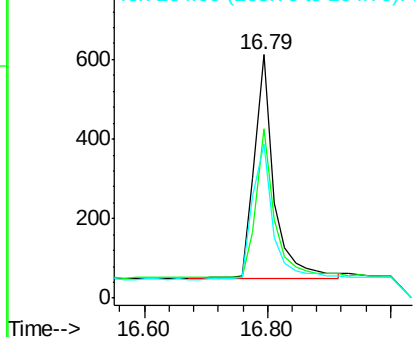


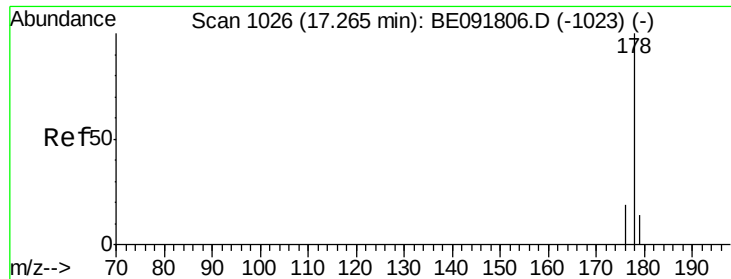
#22
Pentachlorophenol
Concen: 0.34 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091817.D
Acq: 19 May 2016 19:28

Tgt Ion: 266 Resp: 1244
Ion Ratio Lower Upper
266 100
268 69.4 58.2 87.2
264 63.2 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: 0.34 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

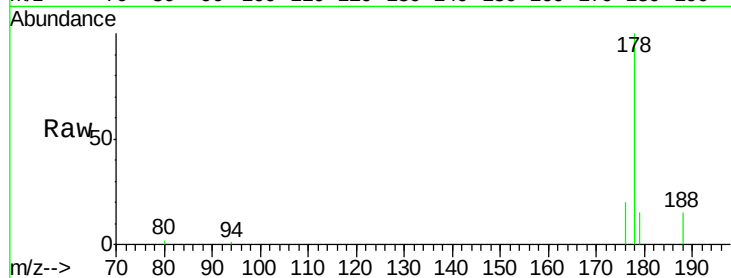
Tgt Ion:178 Resp: 19717

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

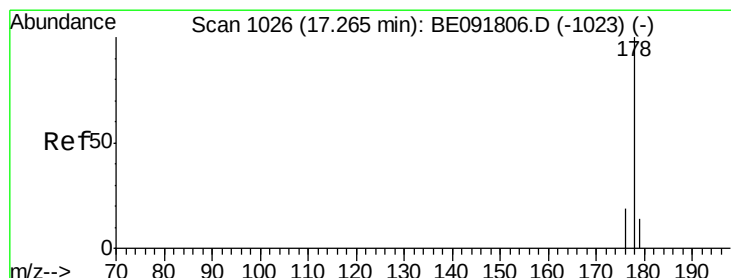
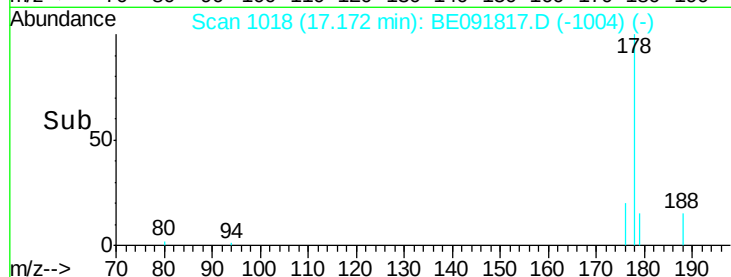
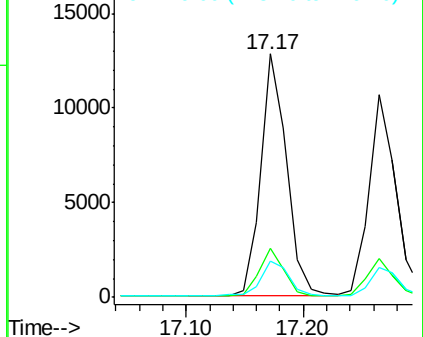
179 17.0 12.6 18.8



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: 0.35 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

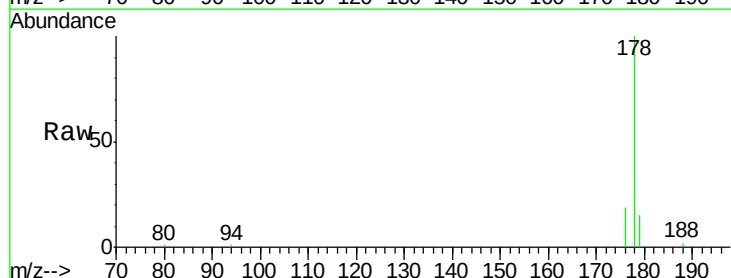
Tgt Ion:178 Resp: 17314

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

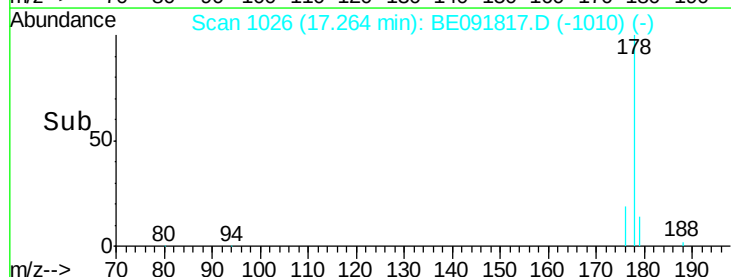
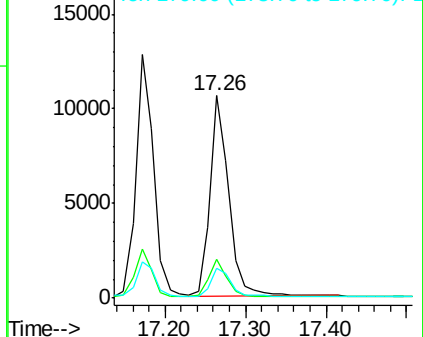
179 15.0 11.8 17.6

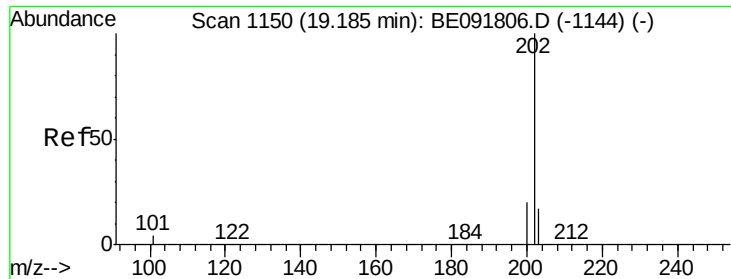


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

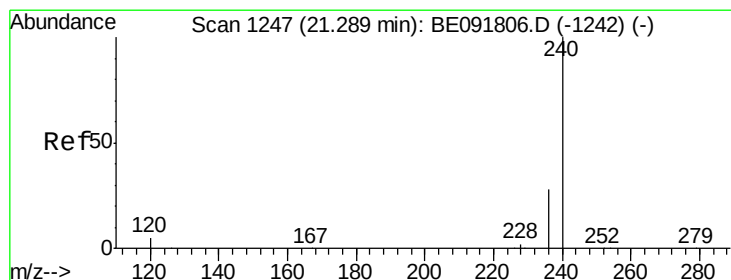
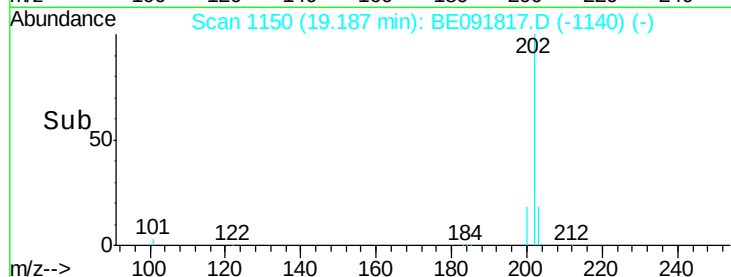
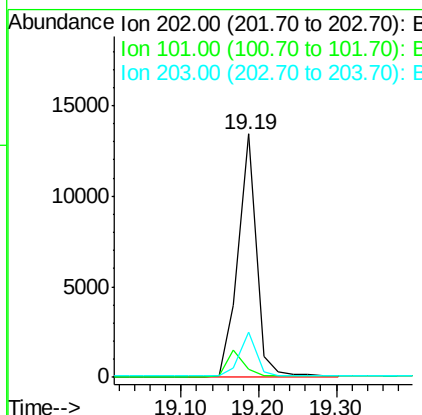
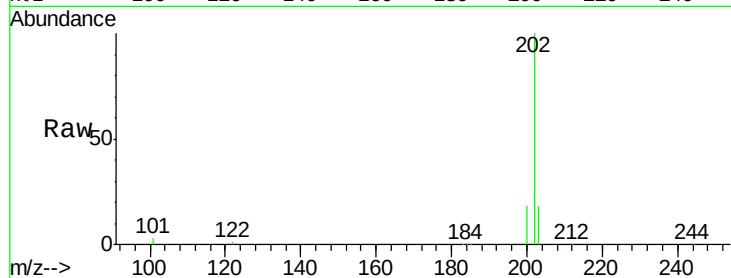




#25
 Fluoranthene
 Concen: 0.36 ng
 RT: 19.19 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BE091817.D
 Acq: 19 May 2016 19:28

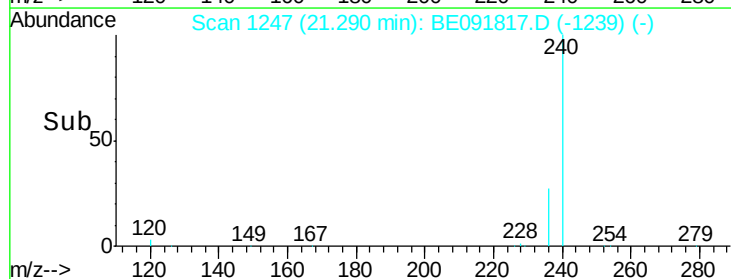
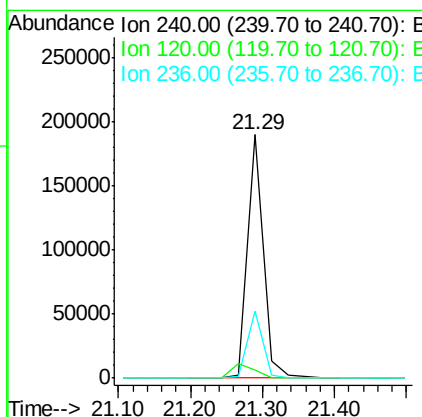
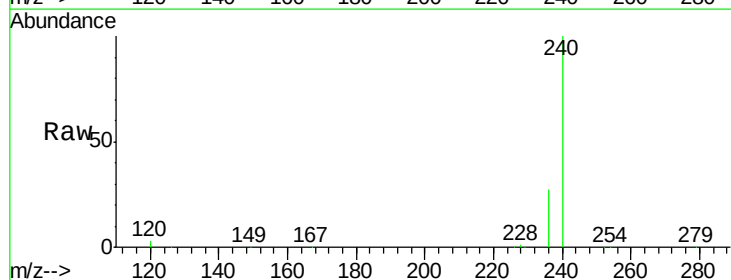
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

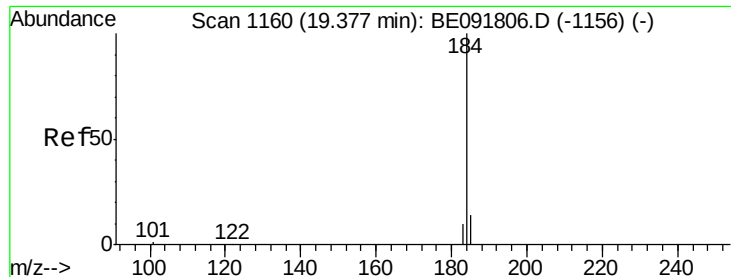
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	11.0	16.6#
203	17.3	13.9	20.9



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BE091817.D
 Acq: 19 May 2016 19:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.5	11.0	16.4#
236	27.4	21.7	32.5





#27

Benzidine

Concen: 0.34 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

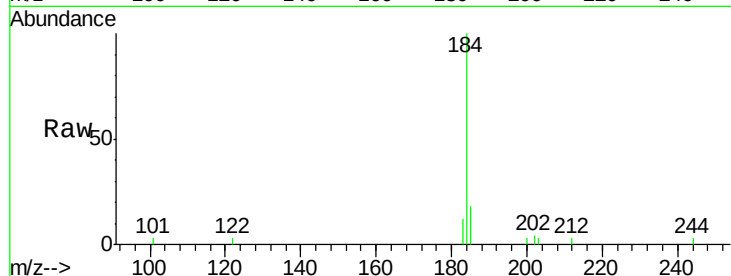
Tgt Ion:184 Resp: 5861

Ion Ratio Lower Upper

184 100

185 17.8 22.3 33.5#

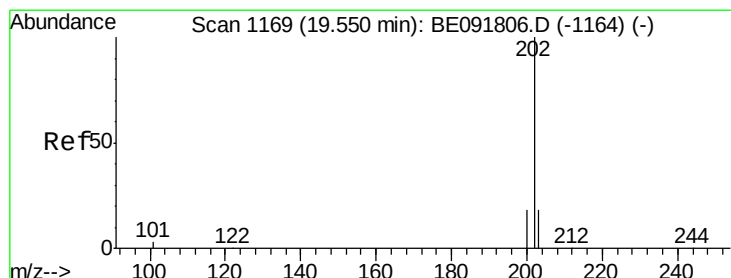
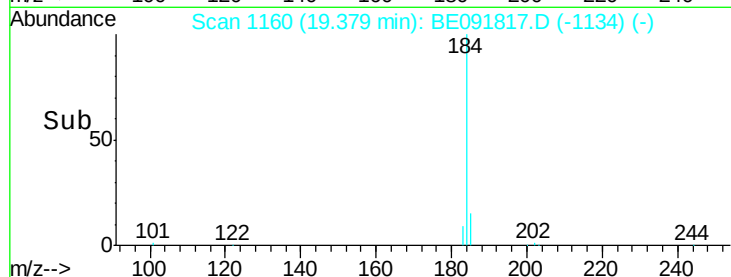
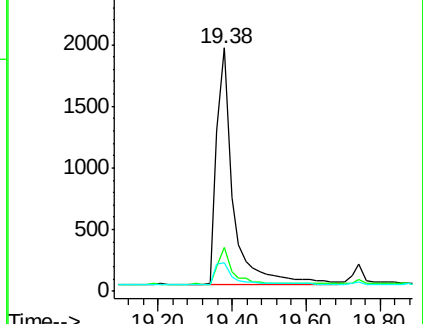
183 11.8 16.4 24.6#



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: 0.35 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

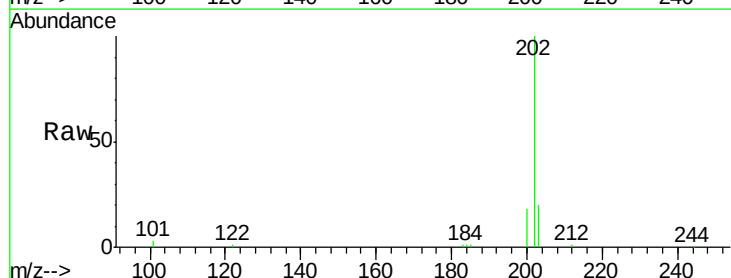
Tgt Ion:202 Resp: 22307

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

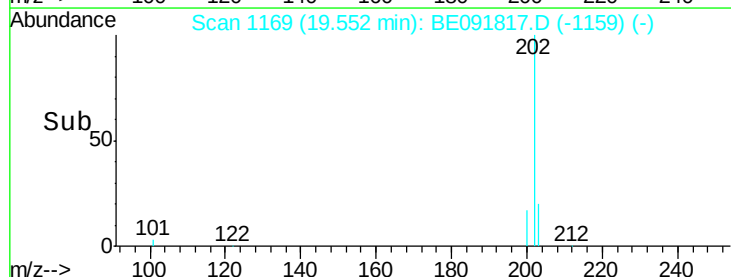
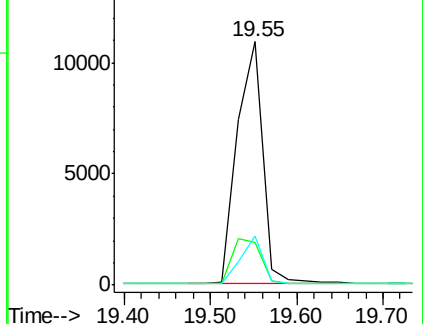
203 17.6 14.0 21.0

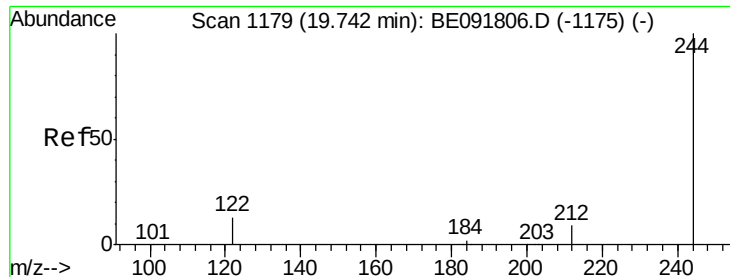


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.36 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

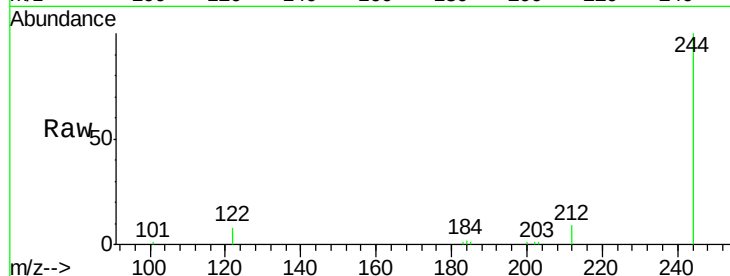
Tgt Ion:244 Resp: 14871

Ion Ratio Lower Upper

244 100

212 9.4 6.9 10.3

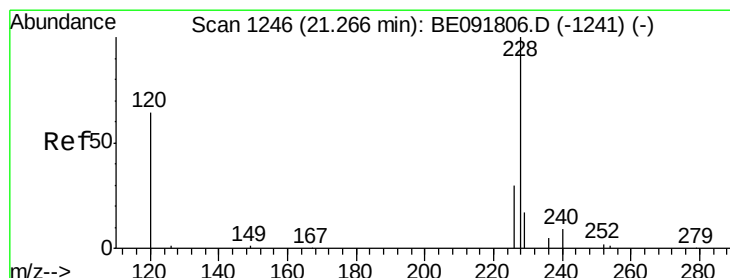
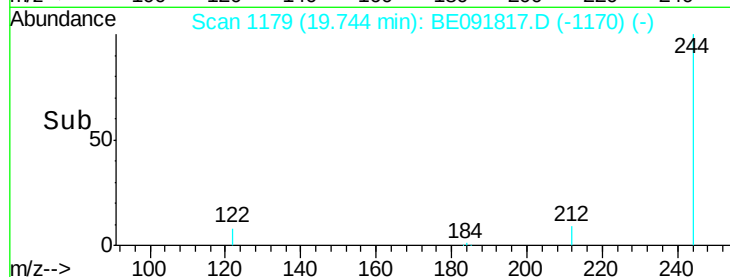
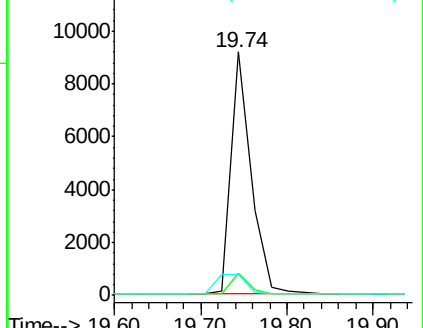
122 8.5 11.0 16.4#



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: 0.69 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

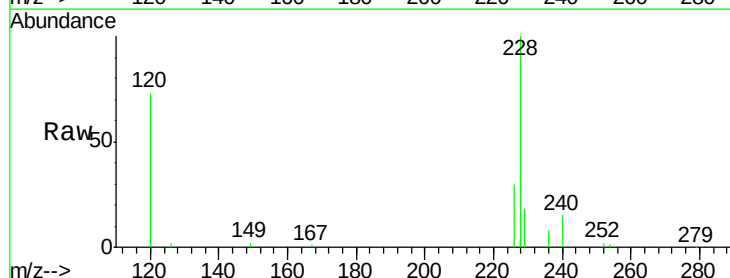
Tgt Ion:228 Resp: 47942

Ion Ratio Lower Upper

228 100

226 29.7 21.0 31.4

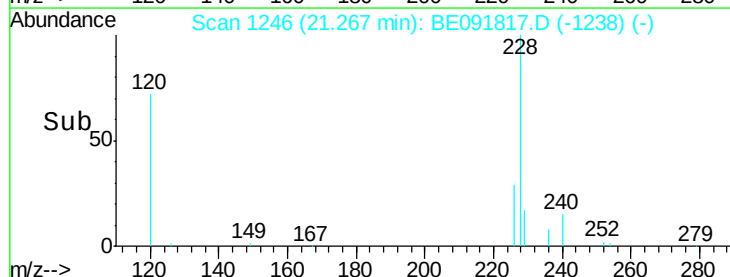
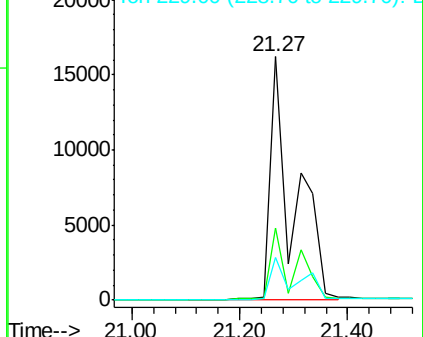
229 17.8 15.7 23.5

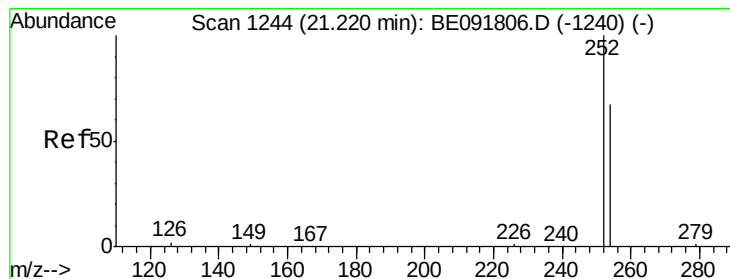


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.32 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

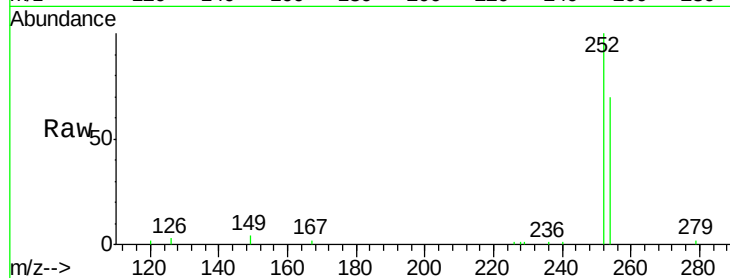
Tgt Ion:252 Resp: 13991

Ion Ratio Lower Upper

252 100

254 69.9 51.1 76.7

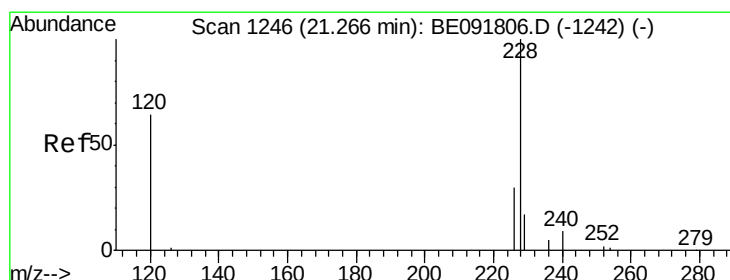
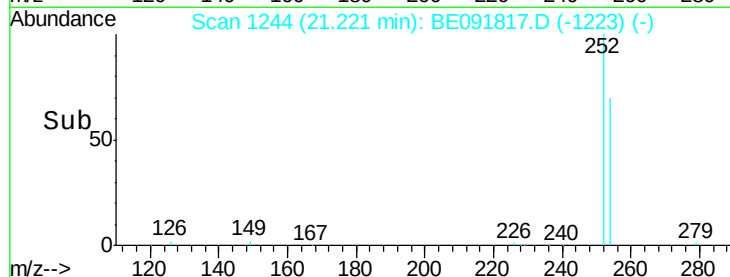
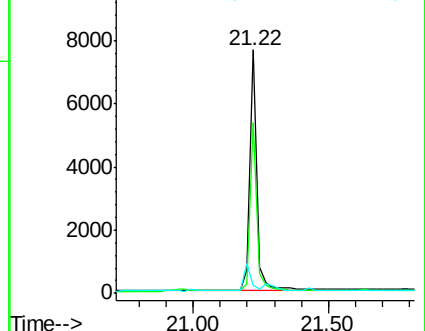
126 3.3 12.6 18.8#



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: 0.84 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.07 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

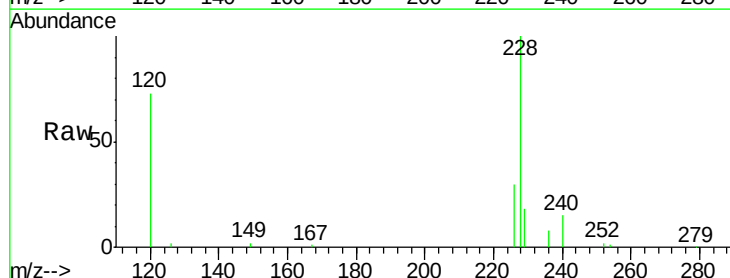
Tgt Ion:228 Resp: 48188

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

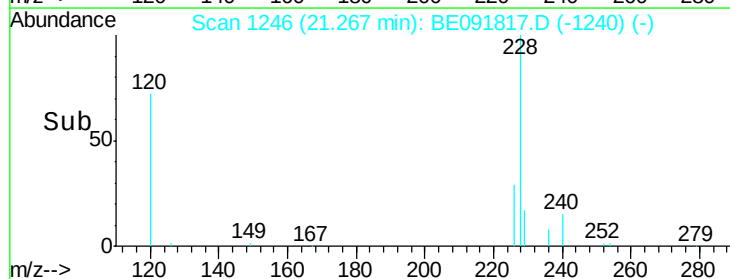
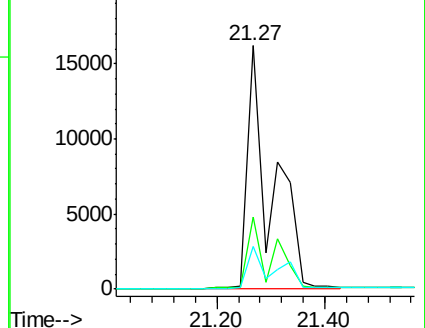
229 17.8 15.9 23.9

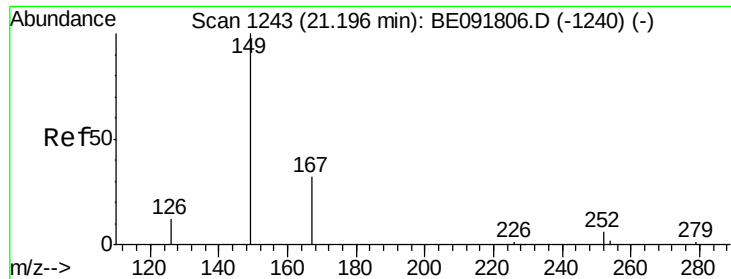


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.47 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

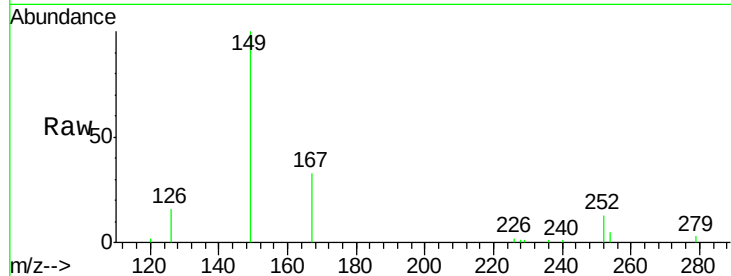
Tgt Ion:149 Resp: 9277

Ion Ratio Lower Upper

149 100

167 30.6 19.5 29.3#

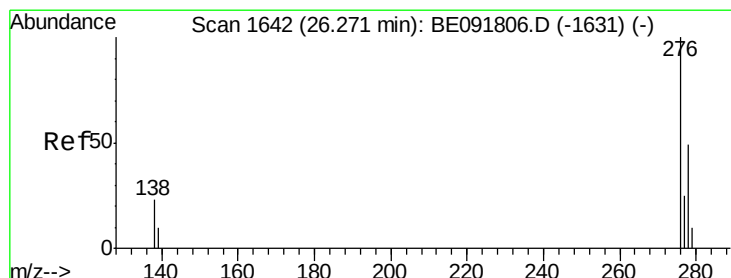
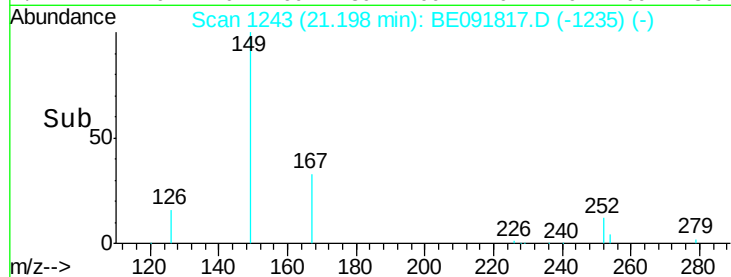
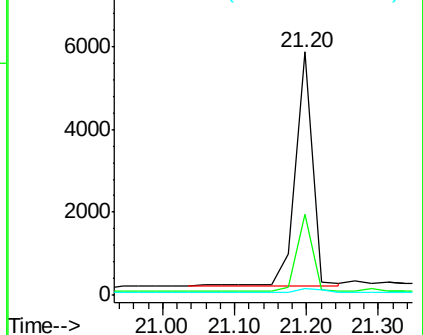
279 3.2 10.0 15.0#



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: 0.36 ng

RT: 26.27 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

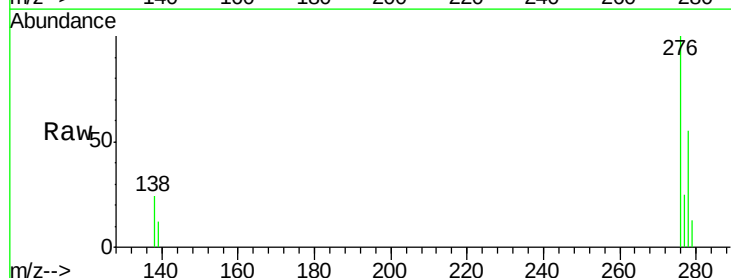
Tgt Ion:276 Resp: 25609

Ion Ratio Lower Upper

276 100

138 24.4 23.4 35.2

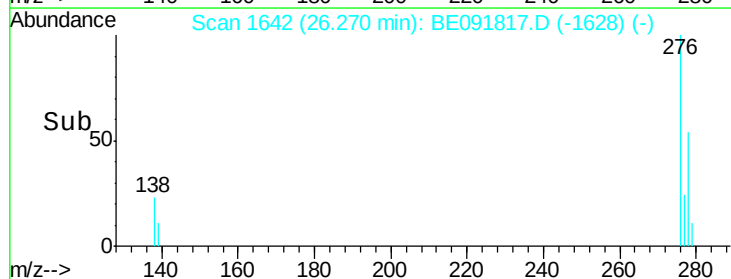
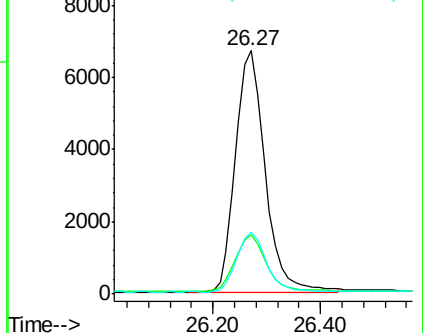
277 24.6 19.8 29.8

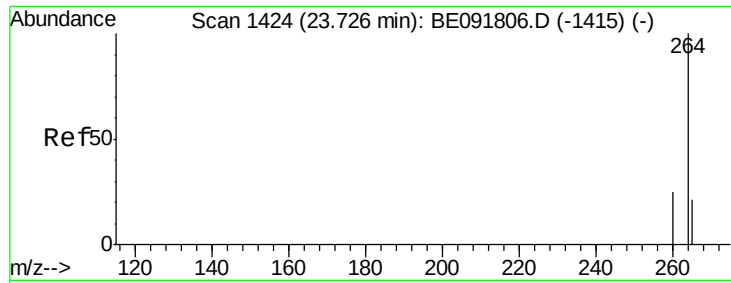


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

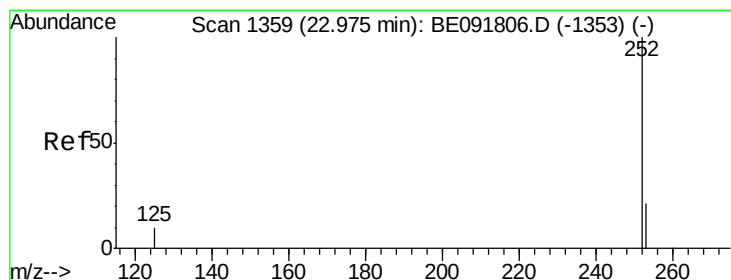
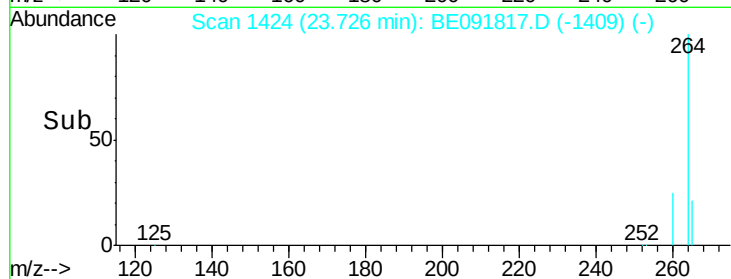
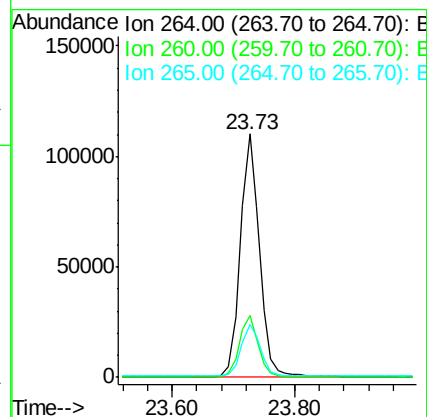
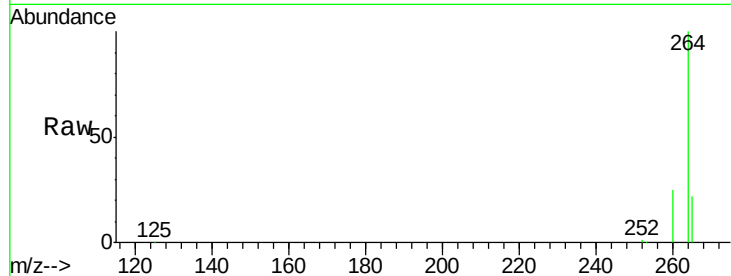




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091817.D
 Acq: 19 May 2016 19:28

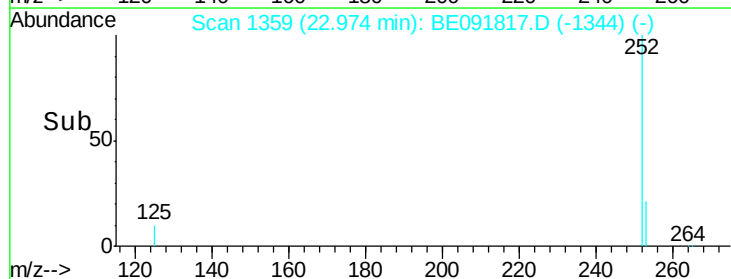
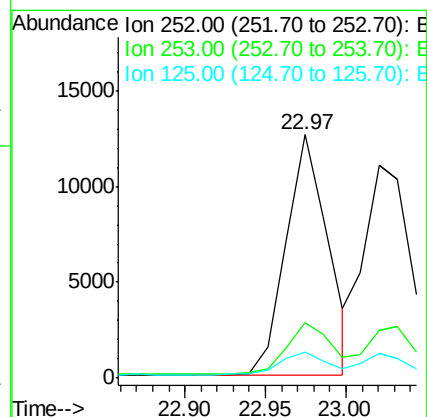
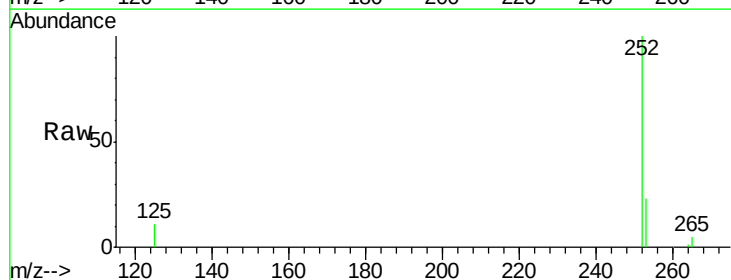
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

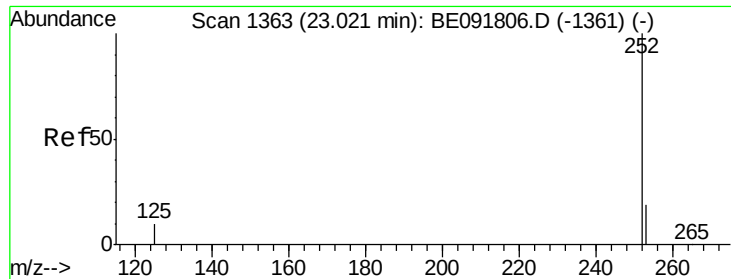
Tgt Ion: 264 Resp: 239744
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 21.7 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091817.D
 Acq: 19 May 2016 19:28

Tgt Ion: 252 Resp: 22856
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 10.8 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

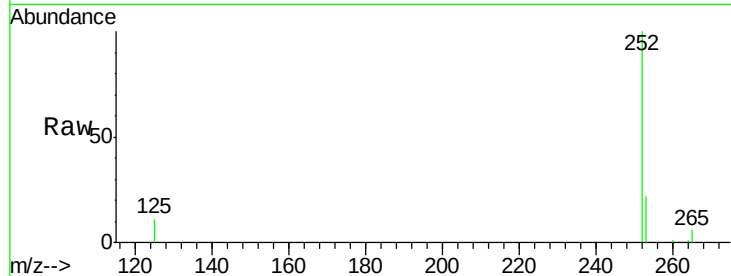
Tgt Ion:252 Resp: 22944

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

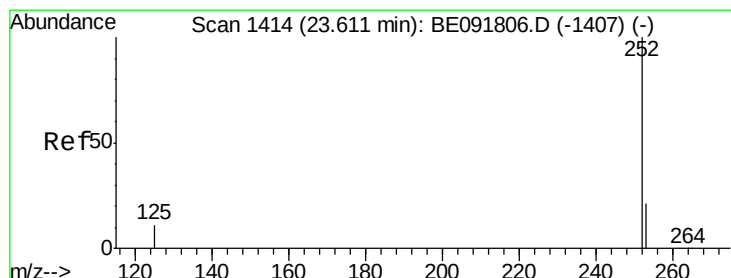
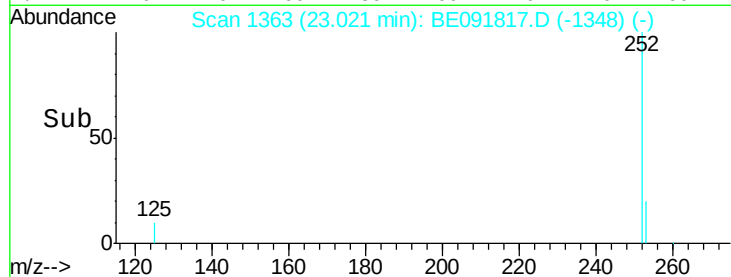
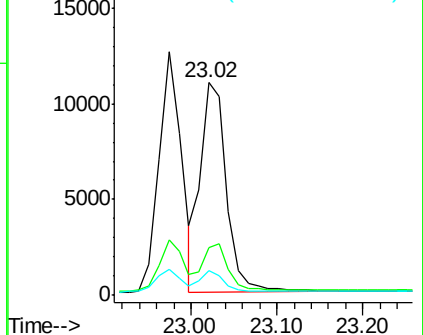
125 11.3 9.9 14.9



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: 0.38 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

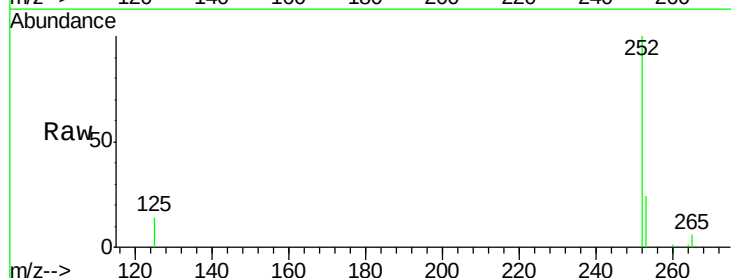
Tgt Ion:252 Resp: 21675

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

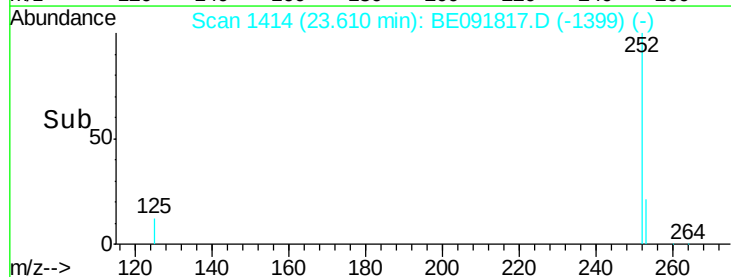
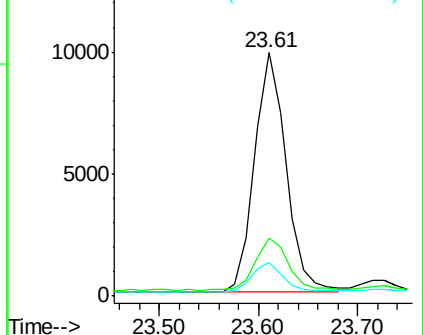
125 13.6 11.0 16.4

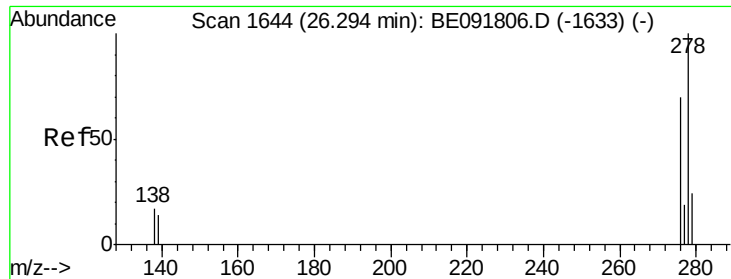


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

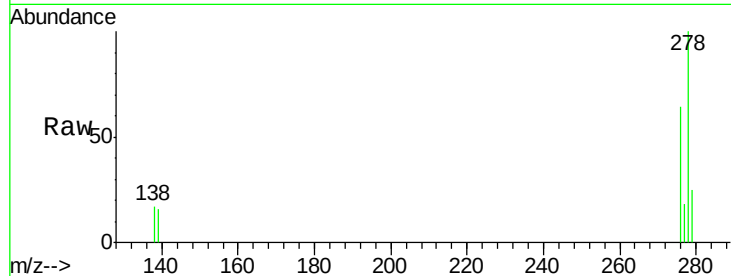
Tgt Ion: 278 Resp: 20932

Ion Ratio Lower Upper

278 100

139 16.3 16.0 24.0

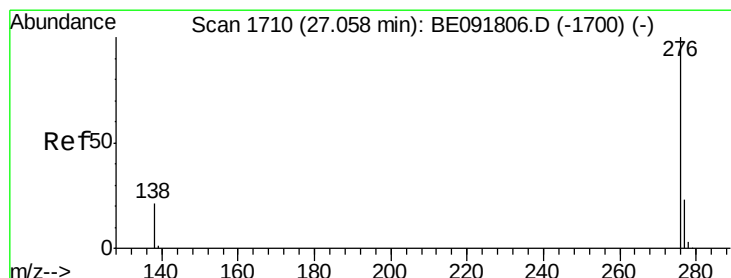
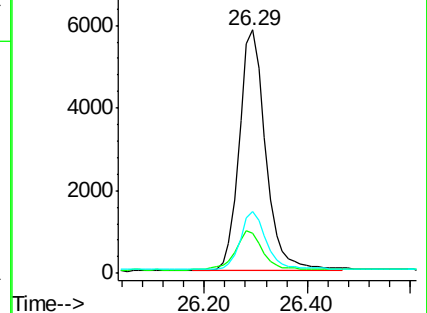
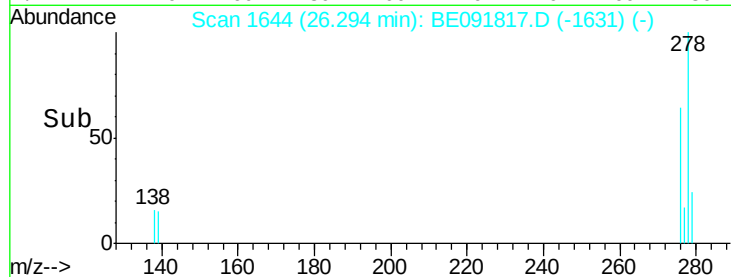
279 25.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.05 min Scan# 1709

Delta R.T. -0.06 min

Lab File: BE091817.D

Acq: 19 May 2016 19:28

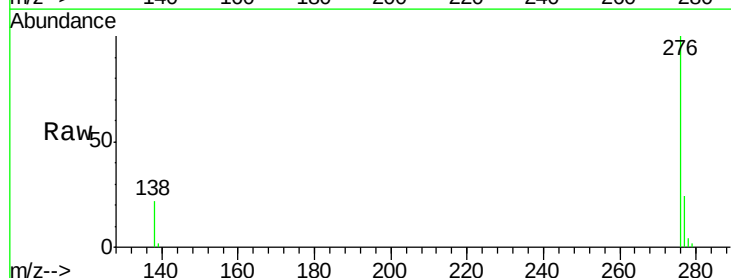
Tgt Ion: 276 Resp: 21935

Ion Ratio Lower Upper

276 100

277 23.6 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

