

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
 Data File : BE091708.D
 Acq On : 26 Apr 2016 17:28
 Operator : UM/SJ
 Sample : PB90006BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90006BSD

Quant Time: Apr 27 00:48:17 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	7.80	152	34319	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	157981	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	95160	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	230953	5.00	ng	0.00
26) Chrysene-d12	21.31	240	263667	5.00	ng	0.00
35) Perylene-d12	23.75	264	257564	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	53924	6.40	ng	0.00
5) Phenol-d6	6.95	99	77810	6.96	ng	0.00
8) Nitrobenzene-d5	8.95	82	36212	3.55	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	28431	8.02	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	96552	3.59	ng	0.00
29) Terphenyl-d14	19.76	244	173322	4.22	ng	0.00

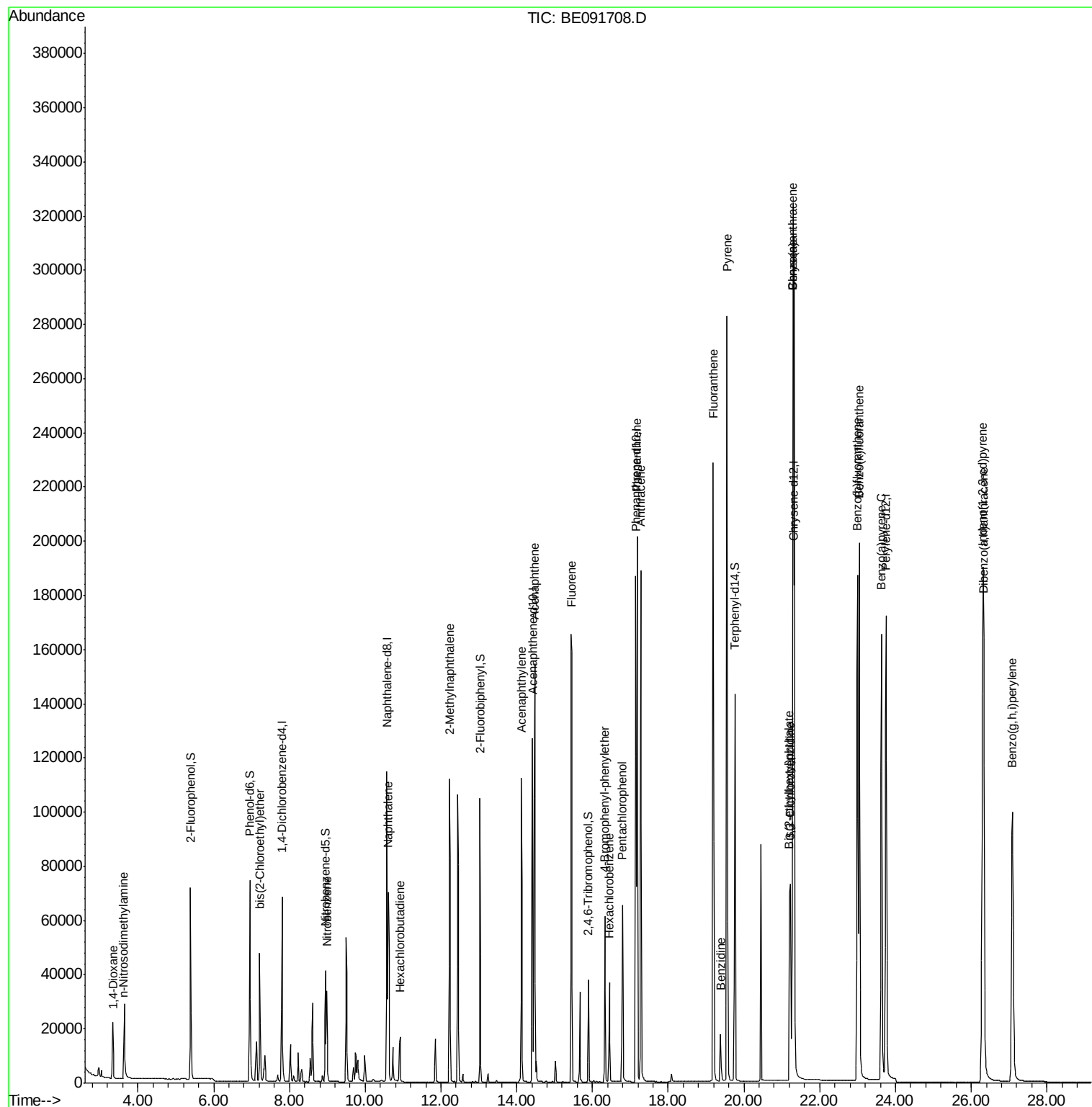
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	13612	3.38	ng	# 90
3) n-Nitrosodimethylamine	3.63	42	22743	3.65	ng	# 92
6) bis(2-Chloroethyl)ether	7.21	93	35316	3.59	ng	# 75
9) Nitrobenzene	8.99	77	40236	3.77	ng	93
10) Naphthalene	10.61	128	116347	3.65	ng	97
11) Hexachlorobutadiene	10.92	225	17832	3.79	ng	97
12) 2-Methylnaphthalene	12.23	142	82247	4.01	ng	95
16) Acenaphthylene	14.12	152	148592	4.06	ng	# 86
17) Acenaphthene	14.47	154	97439	4.10	ng	100
18) Fluorene	15.46	166	117121	3.97	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	33714	4.06	ng	95
21) Hexachlorobenzene	16.45	284	34185	4.12	ng	98
22) Pentachlorophenol	16.79	266	41652	9.26	ng	88
23) Phenanthrene	17.18	178	217641	4.15	ng	99
24) Anthracene	17.28	178	206528	4.36	ng	98
25) Fluoranthene	19.19	202	255705	4.66	ng	# 97
27) Benzidine	19.38	184	26543	1.39	ng	# 76
28) Pyrene	19.55	202	282737	4.75	ng	99
30) Benzo(a)anthracene	21.29	228	277356	4.31	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	54525	1.66	ng	# 84
32) Chrysene	21.29	228	277318	4.14	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.20	149	101554	5.21	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.31	276	283583	4.76	ng	97
36) Benzo(b)fluoranthene	23.00	252	282468	4.68	ng	# 97
37) Benzo(k)fluoranthene	23.04	252	262462	4.28	ng	# 97
38) Benzo(a)pyrene	23.63	252	252415	4.44	ng	97
39) Dibenzo(a,h)anthracene	26.33	278	239743	4.45	ng	# 96
40) Benzo(g,h,i)perylene	27.09	276	237918	4.35	ng	95

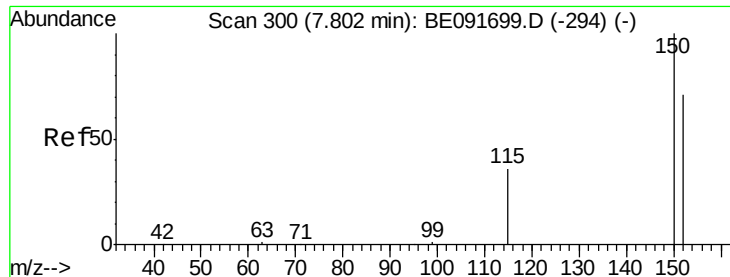
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

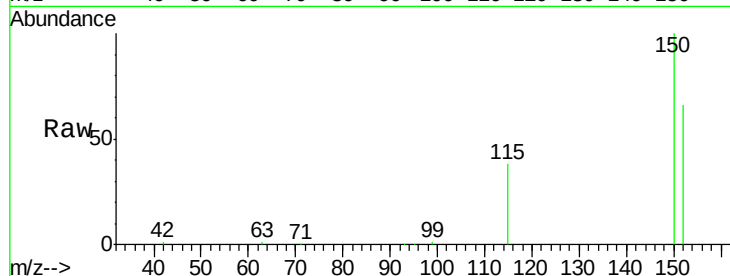
Tgt Ion:152 Resp: 34319

Ion Ratio Lower Upper

152 100

150 151.5 122.6 183.8

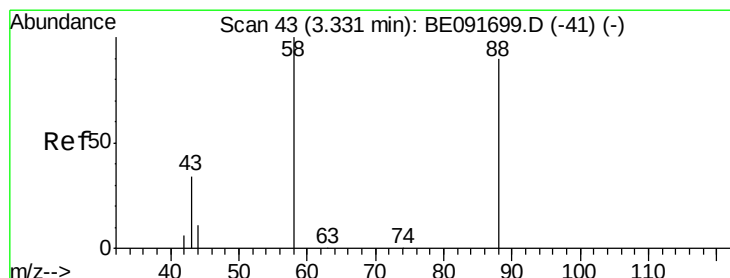
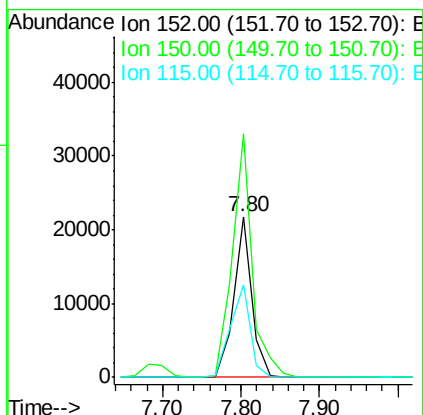
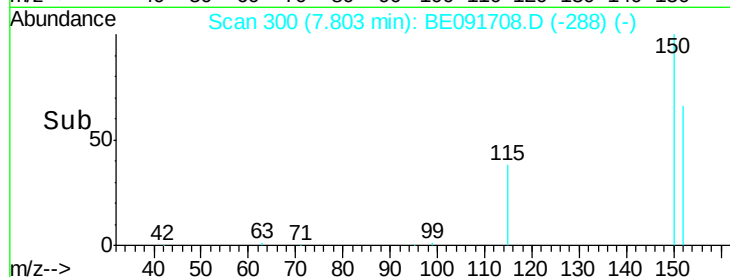
115 57.5 52.8 79.2



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: 3.38 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

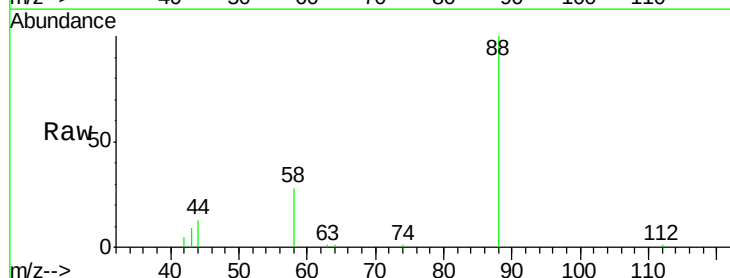
Tgt Ion: 88 Resp: 13612

Ion Ratio Lower Upper

88 100

58 90.6 65.8 98.6

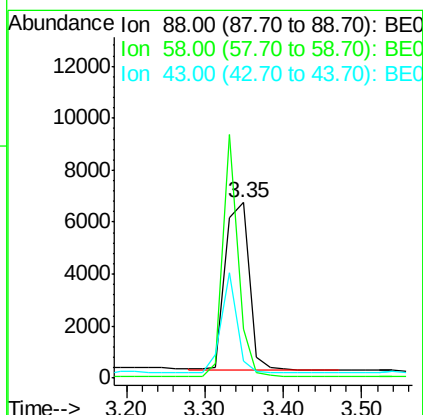
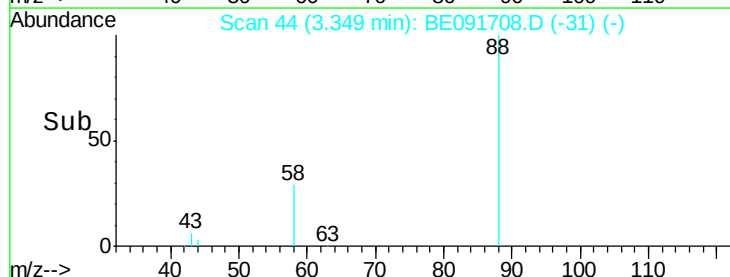
43 38.6 25.3 37.9#

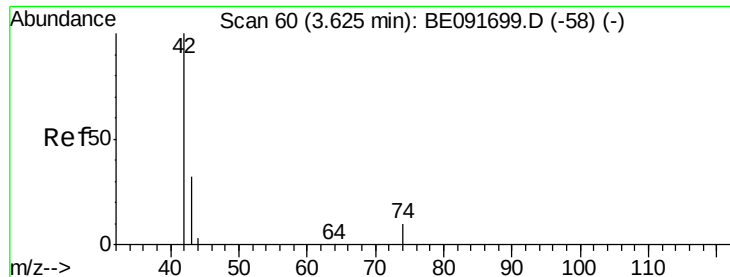


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.65 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091708.D

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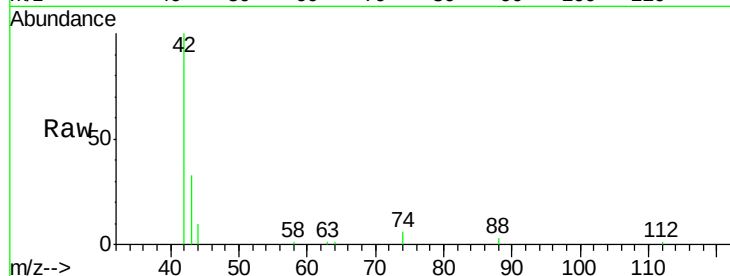
Tgt Ion: 42 Resp: 22743

Ion Ratio Lower Upper

42 100

74 101.4 87.9 131.9

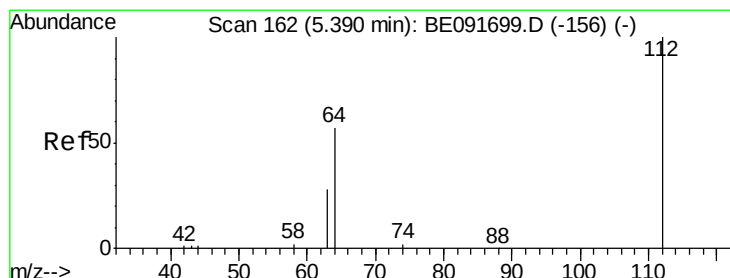
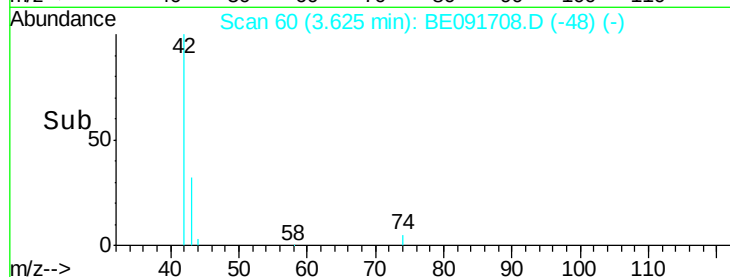
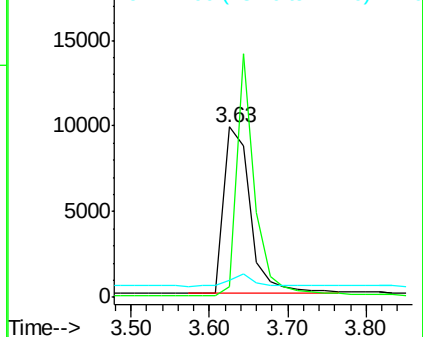
44 6.2 6.6 9.8#



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: 6.40 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

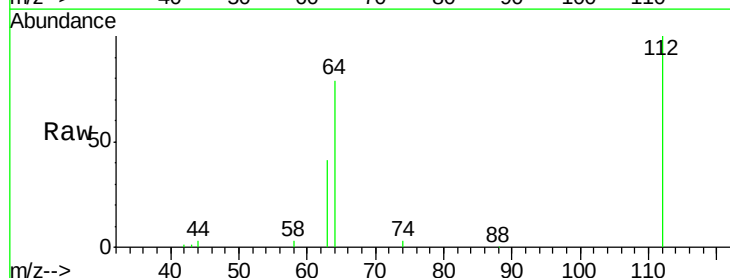
Tgt Ion: 112 Resp: 53924

Ion Ratio Lower Upper

112 100

64 68.3 30.9 46.3#

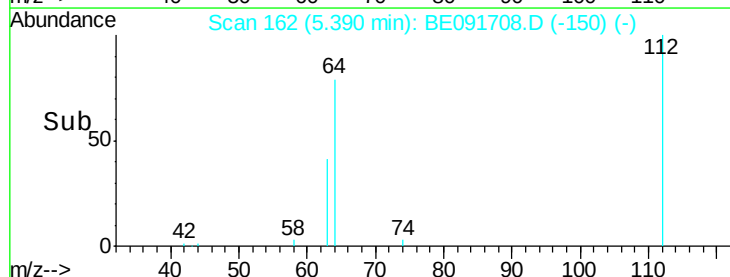
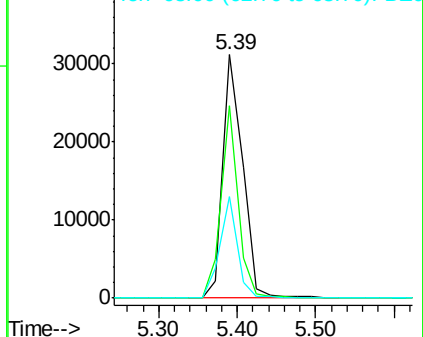
63 36.9 16.7 25.1#

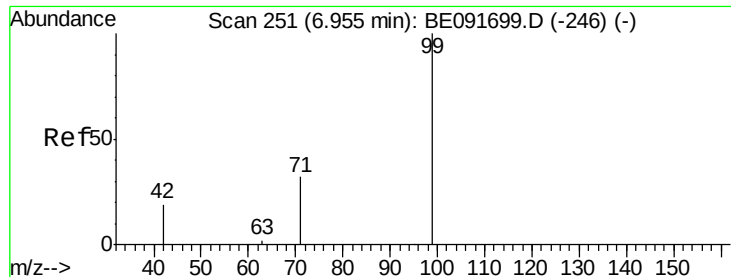


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.96 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

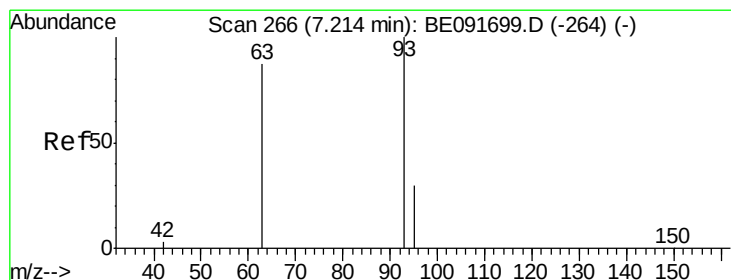
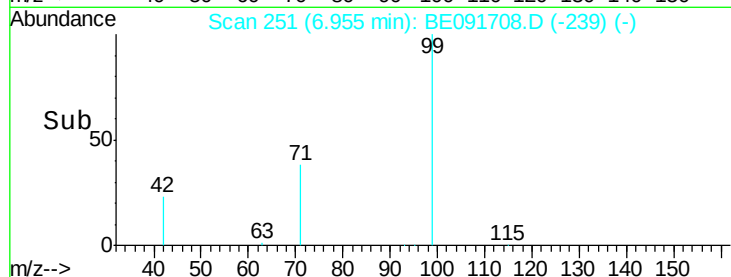
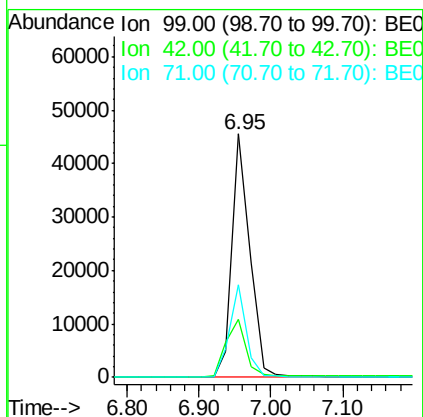
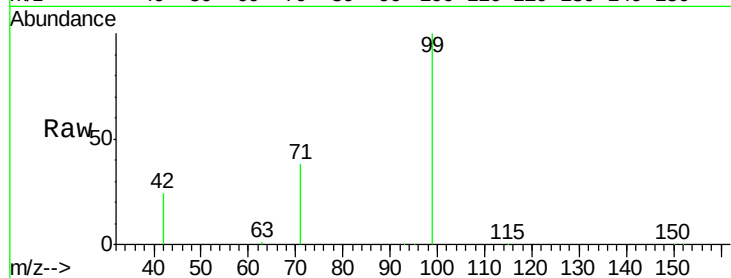
Tgt Ion: 99 Resp: 77810

Ion Ratio Lower Upper

99 100

42 26.1 16.2 24.2#

71 35.9 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 3.59 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

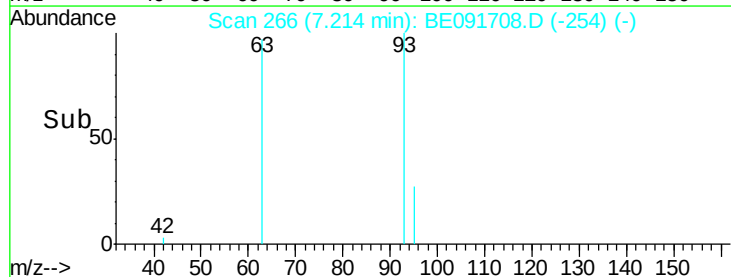
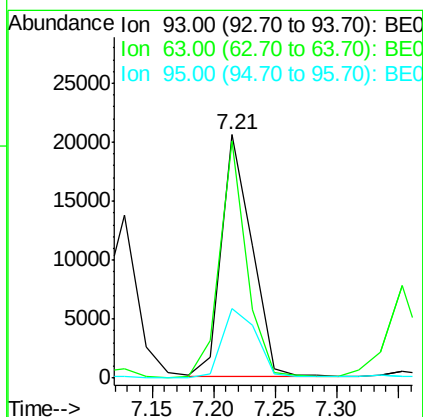
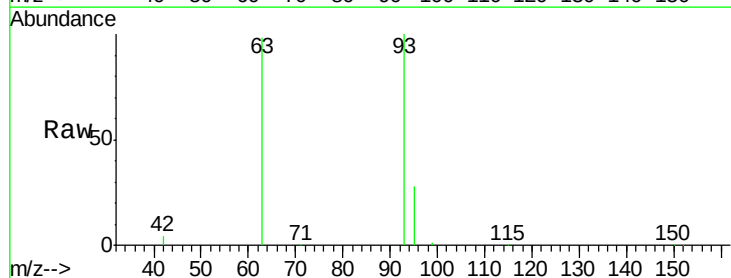
Tgt Ion: 93 Resp: 35316

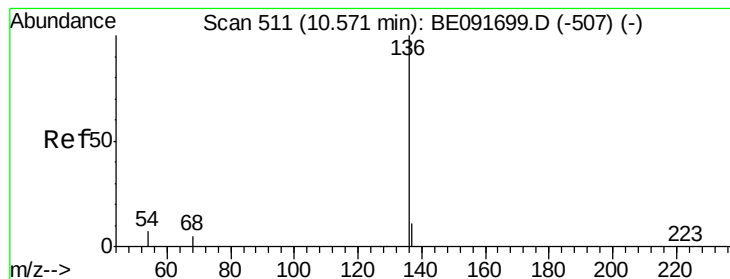
Ion Ratio Lower Upper

93 100

63 86.5 49.5 74.3#

95 32.1 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

Tgt Ion:136 Resp: 157981

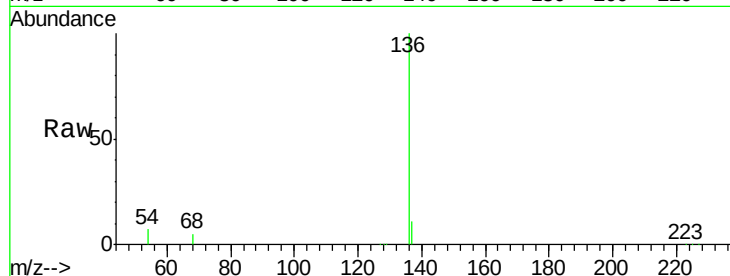
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 8.2 12.4#

68 5.3 6.2 9.4#

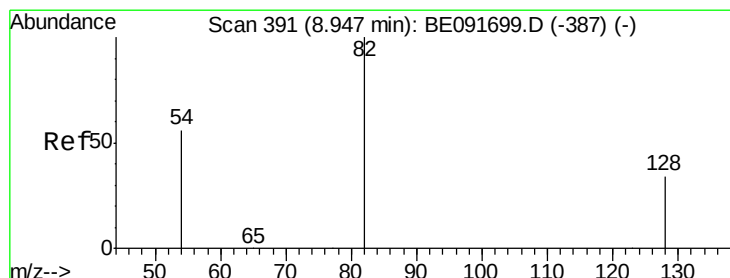
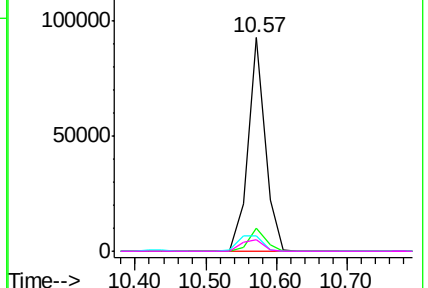
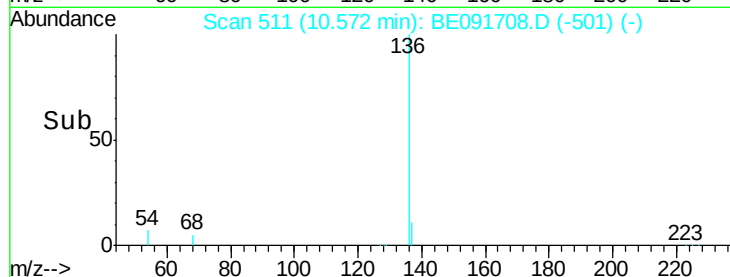


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.55 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

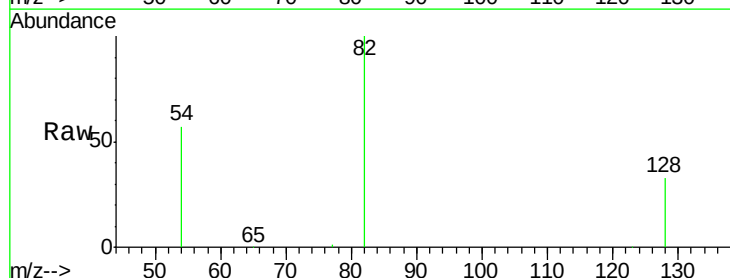
Tgt Ion: 82 Resp: 36212

Ion Ratio Lower Upper

82 100

128 33.0 25.4 38.0

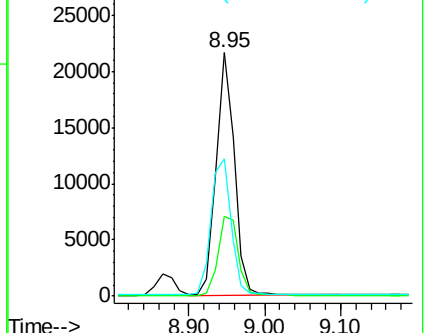
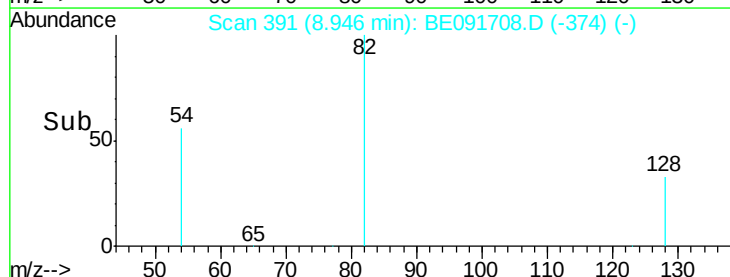
54 56.6 48.4 72.6

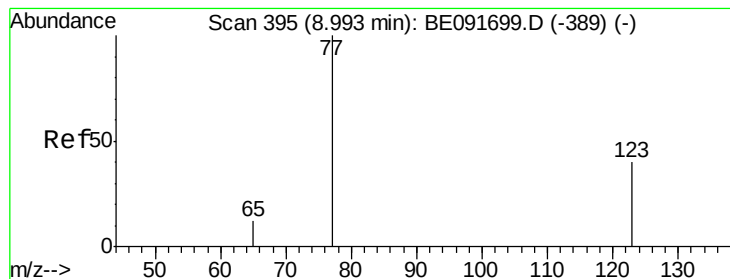


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.77 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

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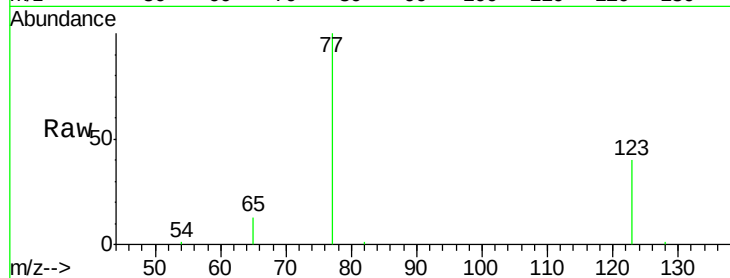
Tgt Ion: 77 Resp: 40236

Ion Ratio Lower Upper

77 100

123 37.6 26.9 40.3

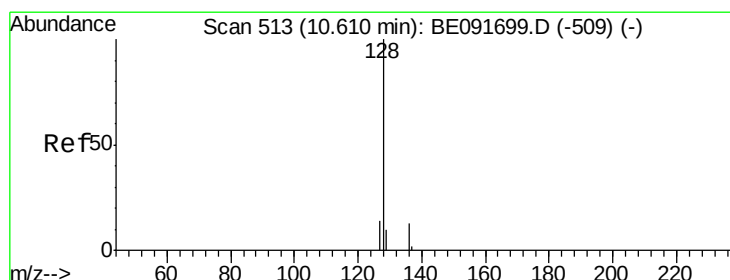
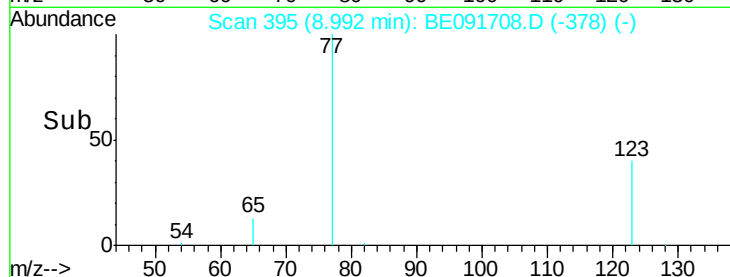
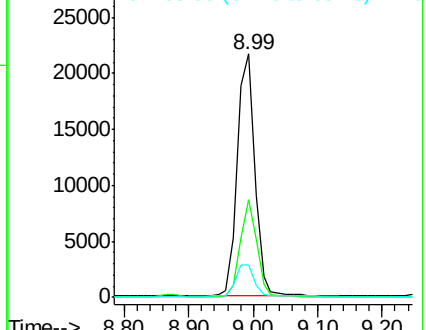
65 13.9 9.4 14.2



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: 3.65 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

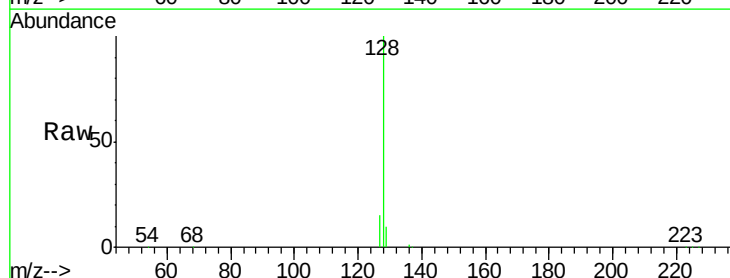
Tgt Ion: 128 Resp: 116347

Ion Ratio Lower Upper

128 100

129 10.0 9.3 13.9

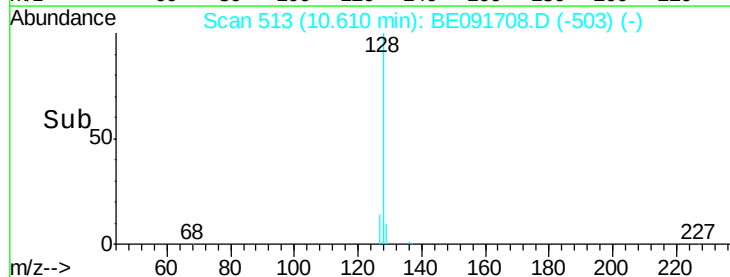
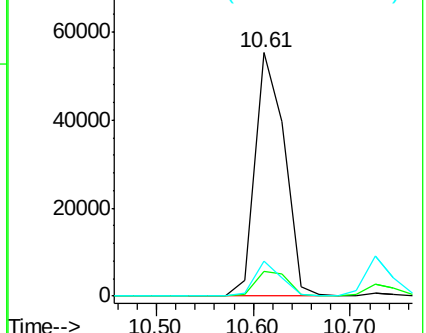
127 14.6 10.7 16.1

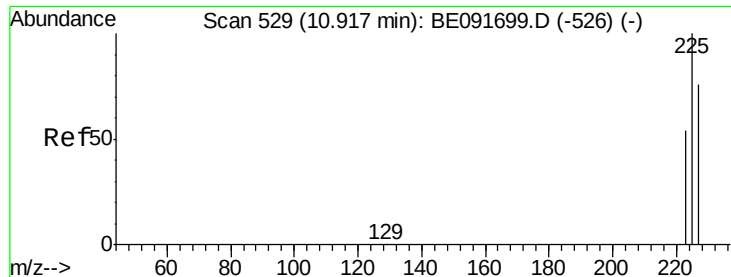


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

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

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

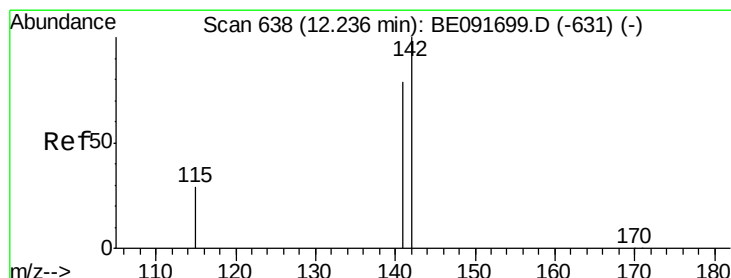
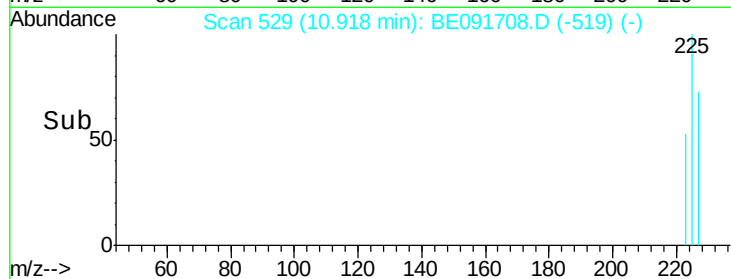
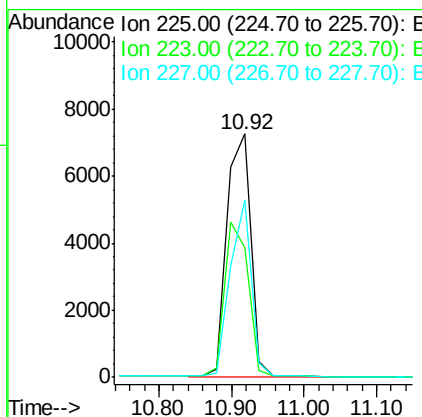
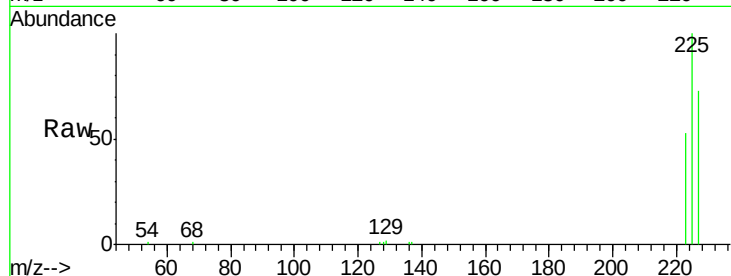




#11
Hexachlorobutadiene
Concen: 3.79 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

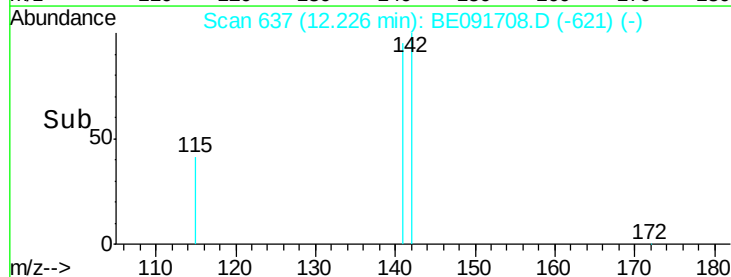
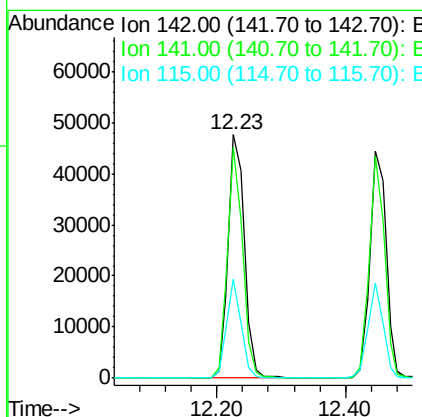
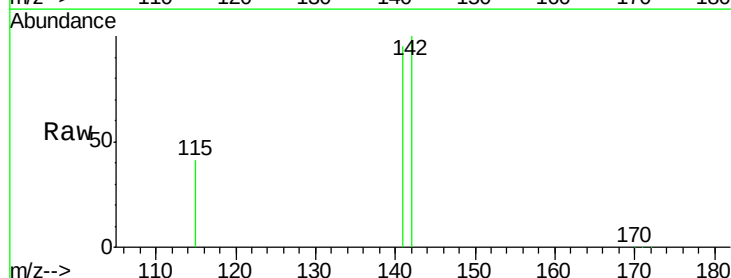
Instrument :
BNA_E
ClientSampleId :
PB90006BSD

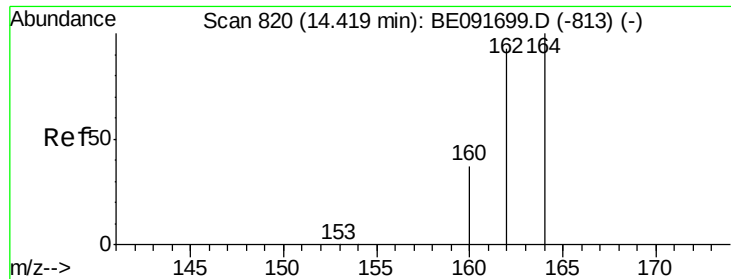
Tgt Ion: 225 Resp: 17832
Ion Ratio Lower Upper
225 100
223 63.8 49.0 73.6
227 64.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.01 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

Tgt Ion: 142 Resp: 82247
Ion Ratio Lower Upper
142 100
141 94.6 71.4 107.0
115 40.6 30.3 45.5

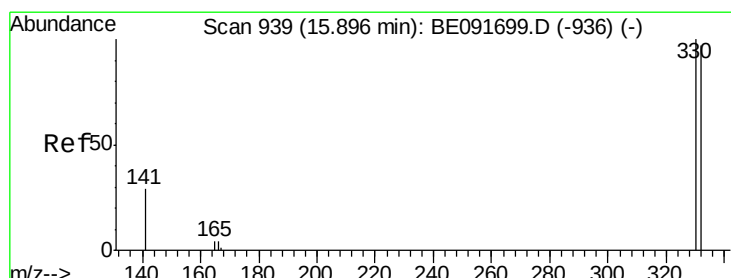
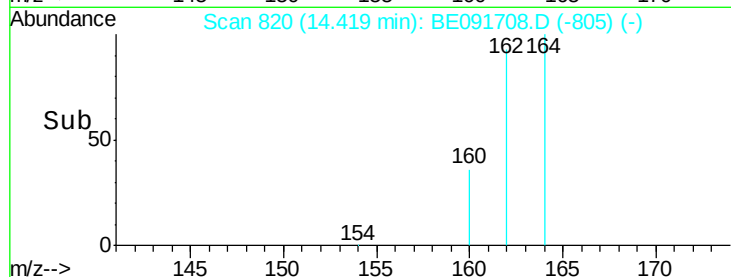
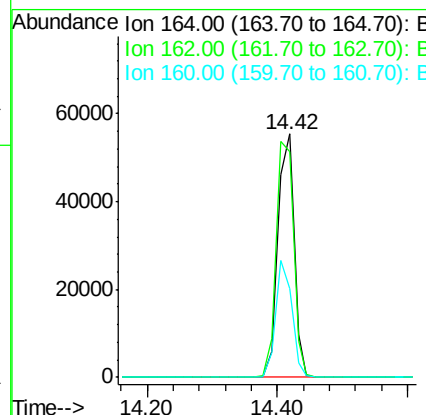
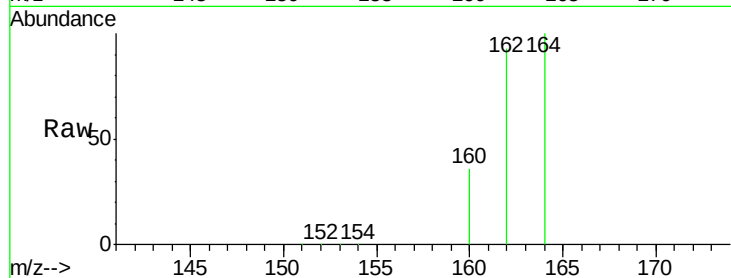




#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

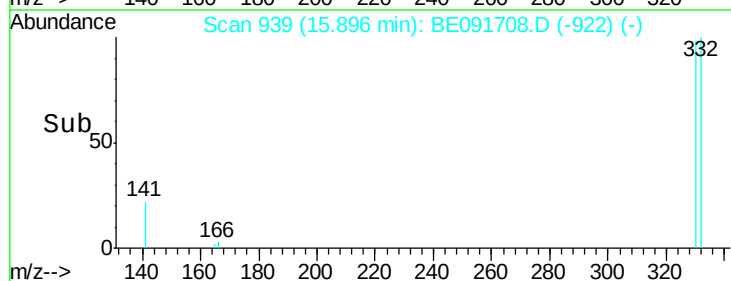
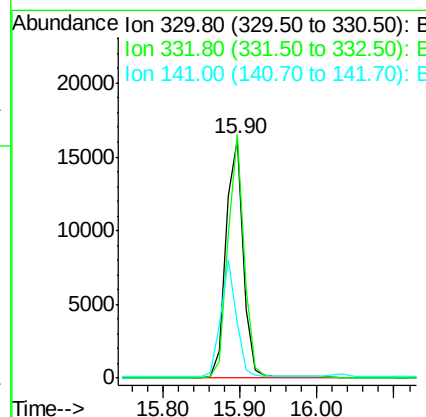
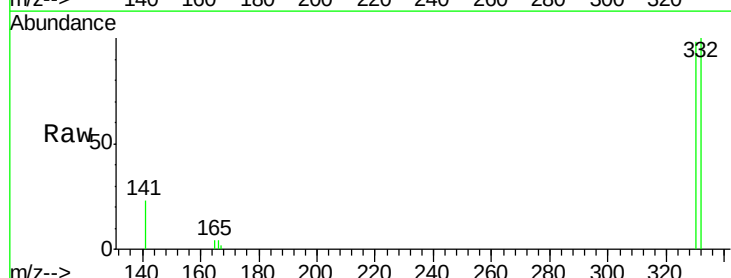
Instrument :
 BNA_E
 ClientSampleId :
 PB90006BSD

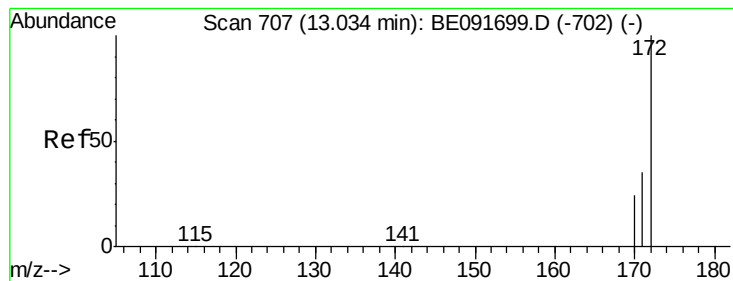
Tgt Ion:164 Resp: 95160
 Ion Ratio Lower Upper
 164 100
 162 92.6 85.3 127.9
 160 36.3 46.2 69.2#



#14
 2,4,6-Tribromophenol
 Concen: 8.02 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

Tgt Ion:330 Resp: 28431
 Ion Ratio Lower Upper
 330 100
 332 95.5 79.1 118.7
 141 39.8 125.4 188.0#

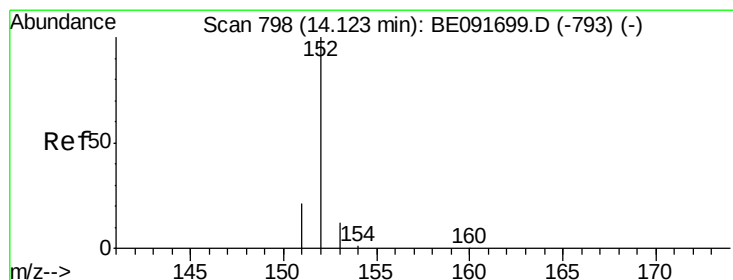
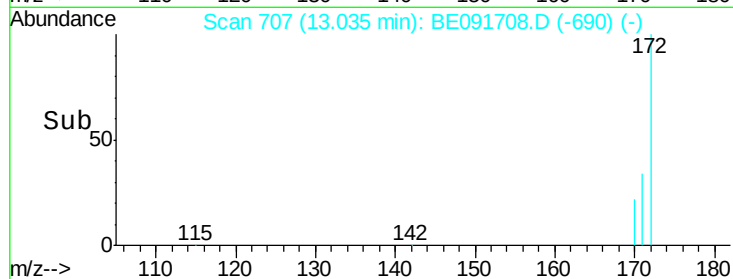
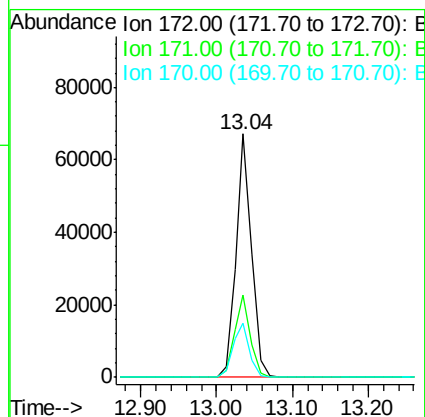
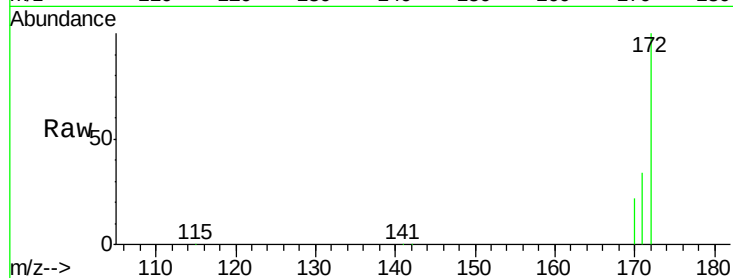




#15
2-Fluorobiphenyl
Concen: 3.59 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

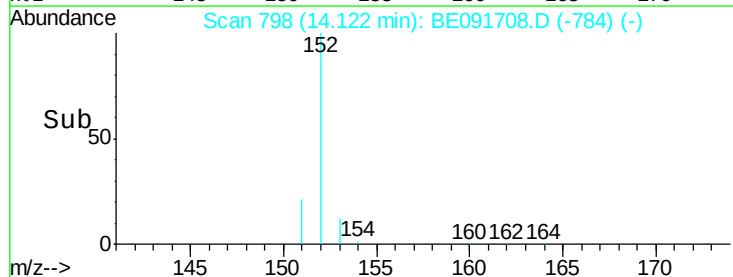
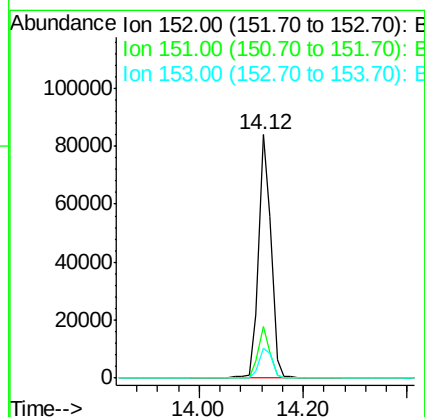
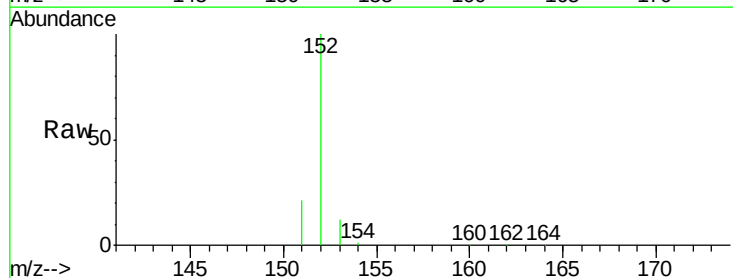
Instrument :
BNA_E
ClientSampleId :
PB90006BSD

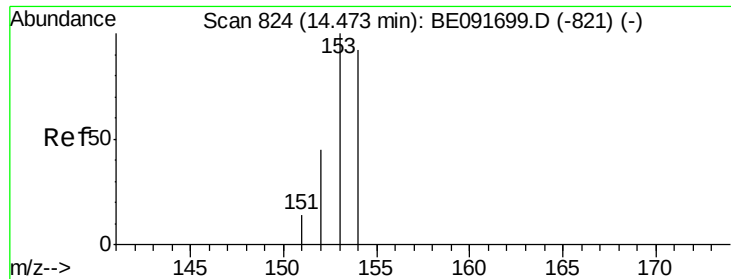
Tgt Ion:172 Resp: 96552
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 22.1 19.3 28.9



#16
Acenaphthylene
Concen: 4.06 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

Tgt Ion:152 Resp: 148592
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.6 10.3 15.5

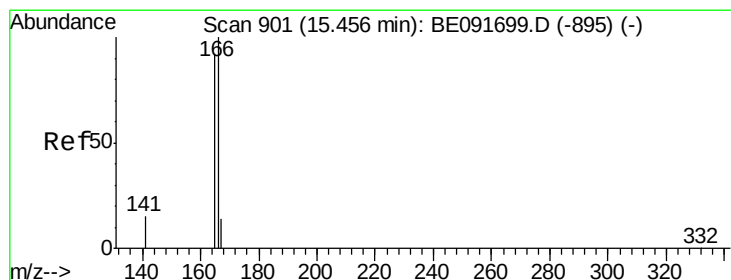
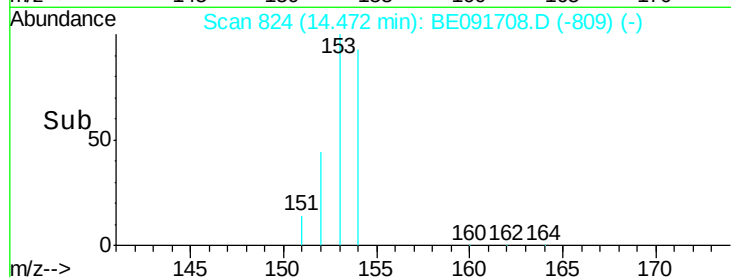
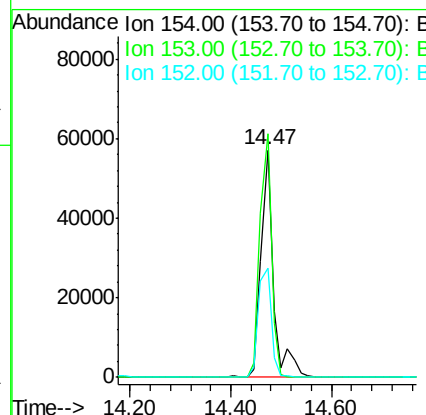
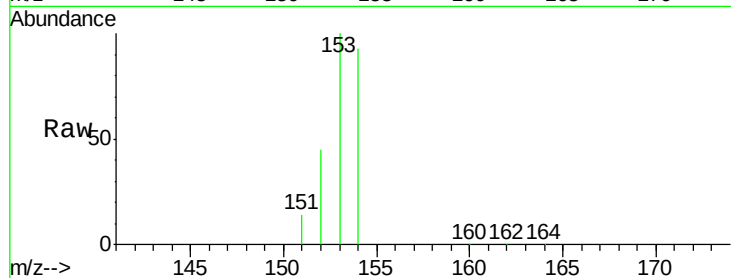




#17
Acenaphthene
Concen: 4.10 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

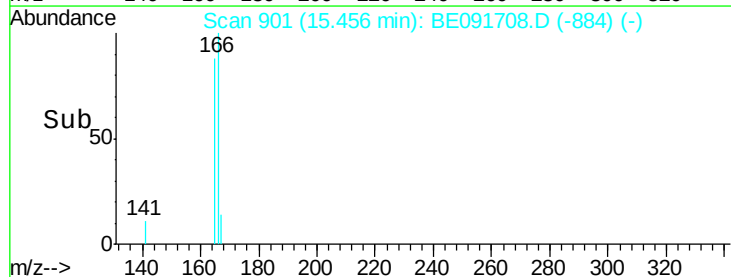
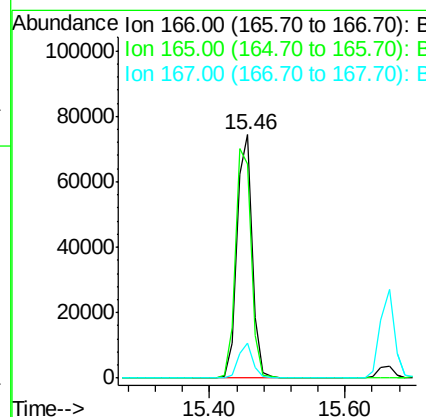
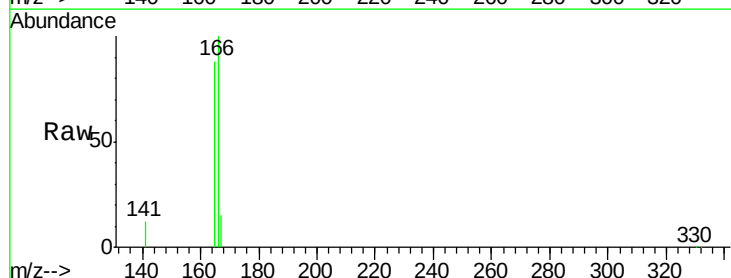
Instrument :
BNA_E
ClientSampleId :
PB90006BSD

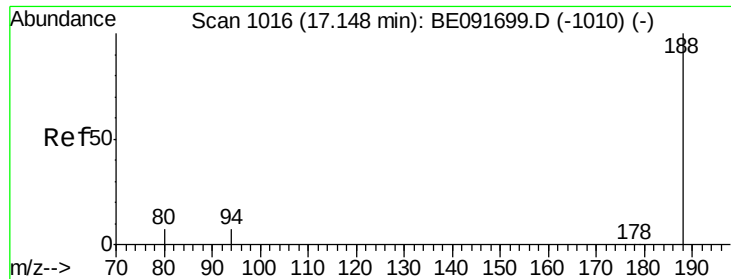
Tgt Ion:154 Resp: 97439
Ion Ratio Lower Upper
154 100
153 100.1 80.0 120.0
152 49.6 40.0 60.0



#18
Fluorene
Concen: 3.97 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

Tgt Ion:166 Resp: 117121
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 13.6 10.9 16.3

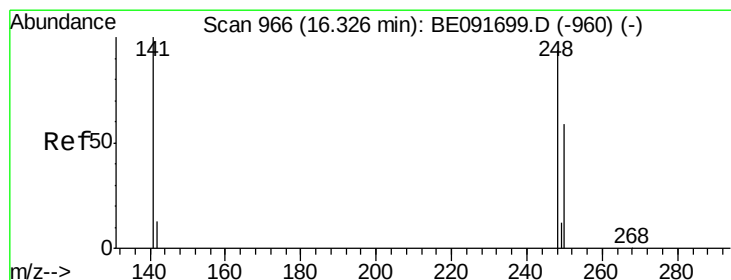
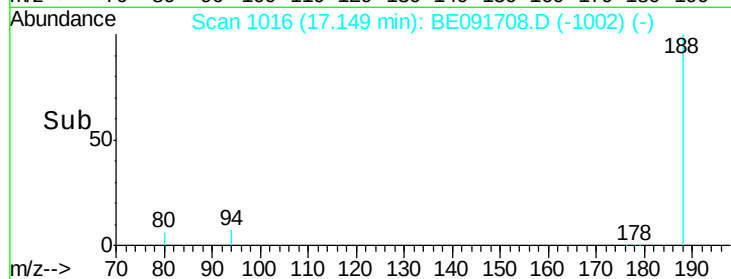
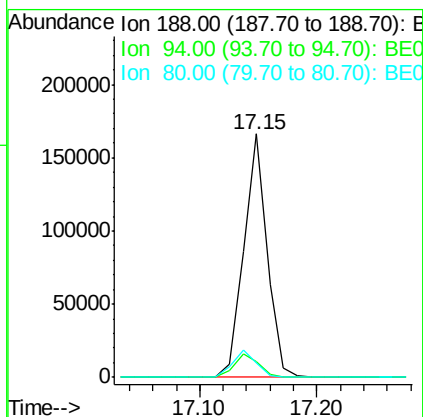
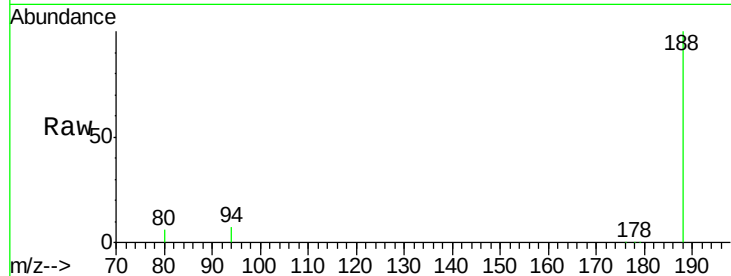




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

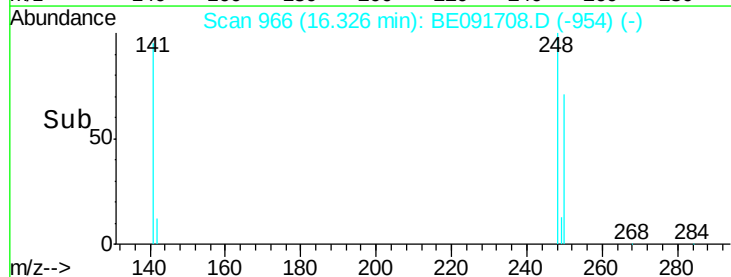
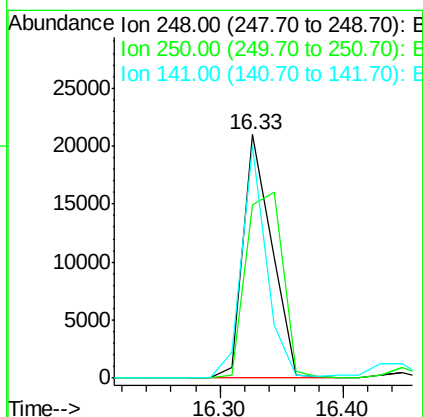
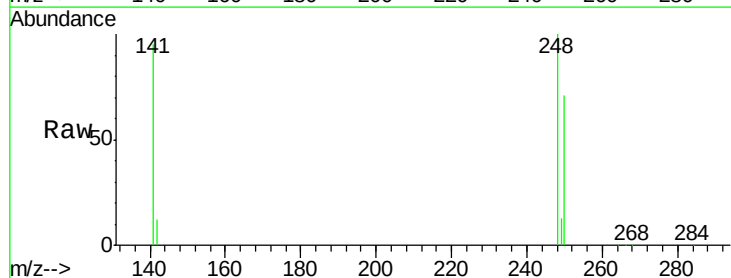
Instrument :
BNA_E
ClientSampleId :
PB90006BSD

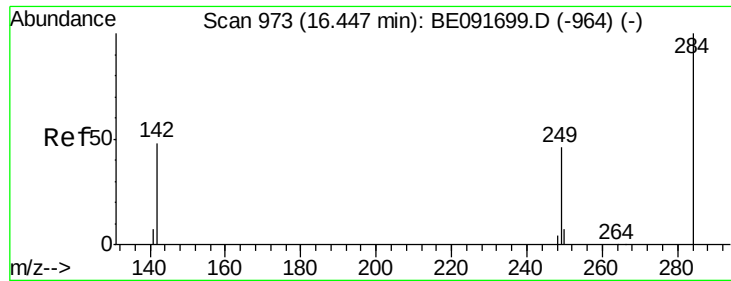
Tgt Ion:188 Resp: 230953
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 5.8 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

Tgt Ion:248 Resp: 33714
Ion Ratio Lower Upper
248 100
250 97.9 80.5 120.7
141 82.2 72.0 108.0

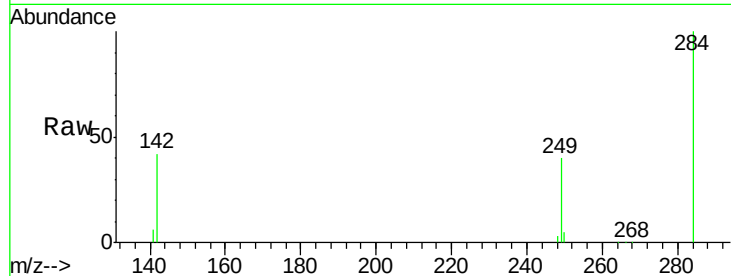




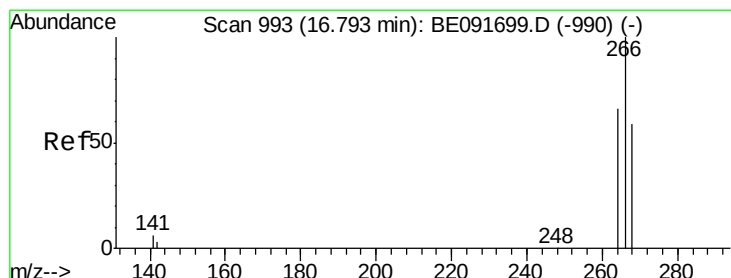
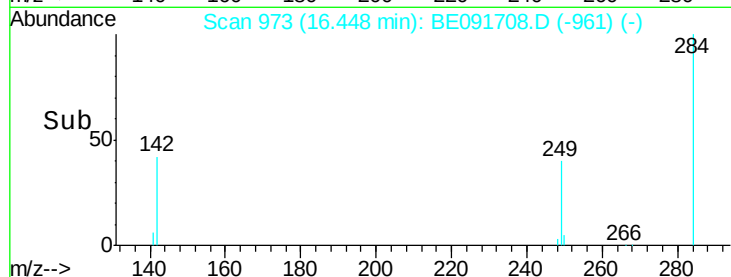
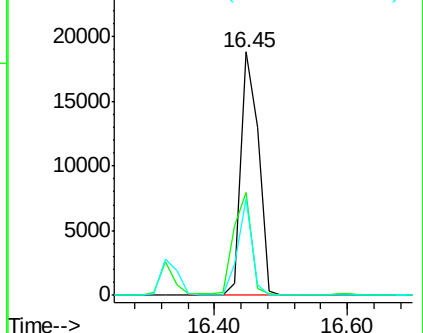
#21
Hexachlorobenzene
Concen: 4.12 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

Instrument :
BNA_E
ClientSampleId :
PB90006BSD

Tgt Ion:284 Resp: 34185
Ion Ratio Lower Upper
284 100
142 41.9 32.2 48.2
249 32.3 25.4 38.2

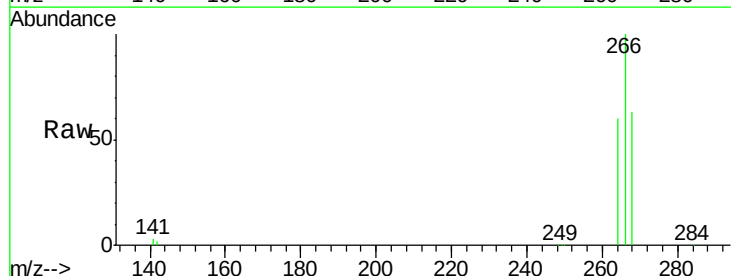


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

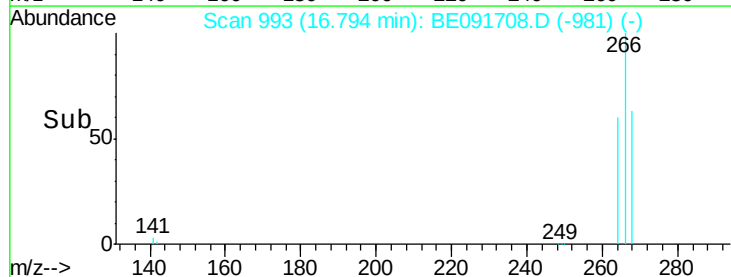
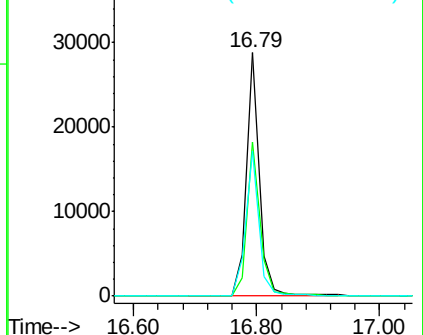


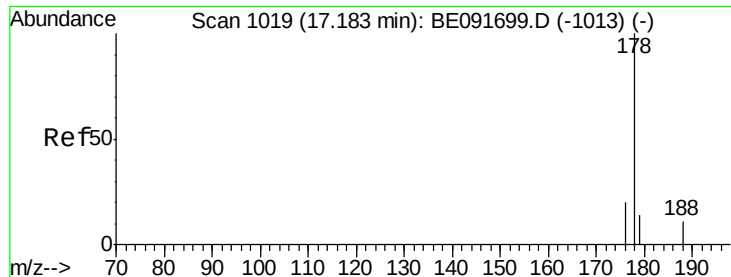
#22
Pentachlorophenol
Concen: 9.26 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091708.D
Acq: 26 Apr 2016 17:28

Tgt Ion:266 Resp: 41652
Ion Ratio Lower Upper
266 100
268 63.0 58.2 87.2
264 59.6 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: 4.15 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

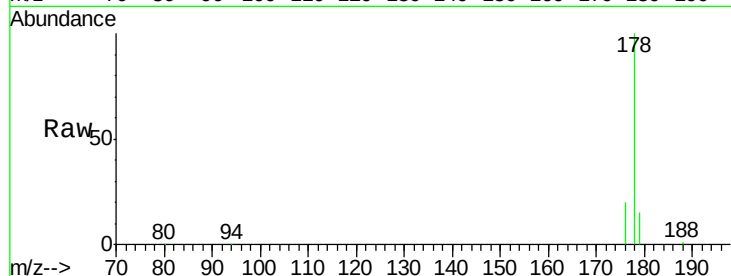
Tgt Ion:178 Resp: 217641

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

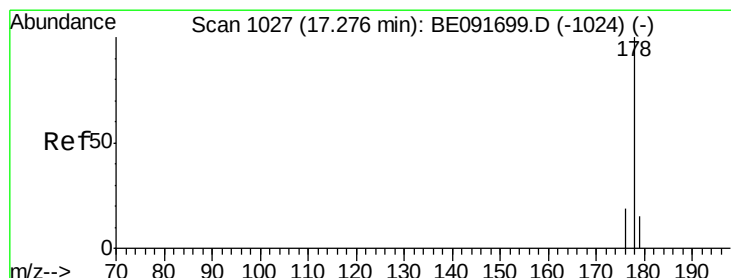
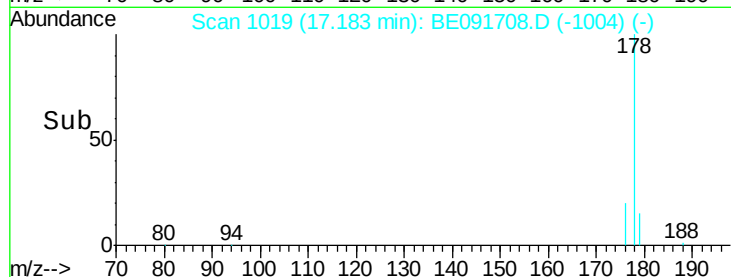
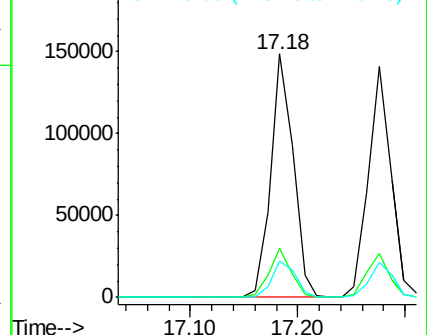
179 15.5 12.6 18.8



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: 4.36 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

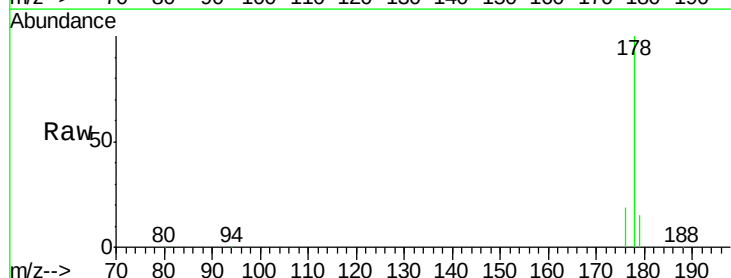
Tgt Ion:178 Resp: 206528

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

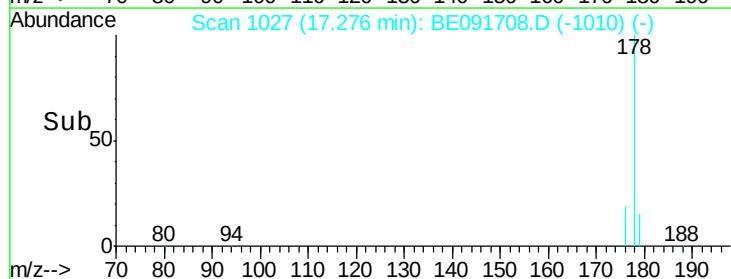
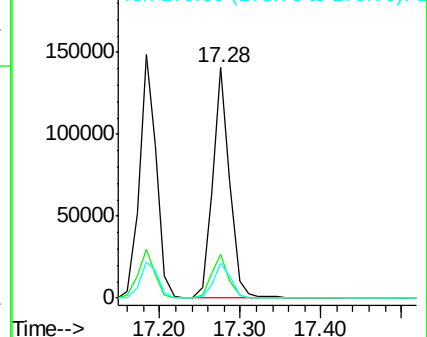
179 15.3 11.8 17.6

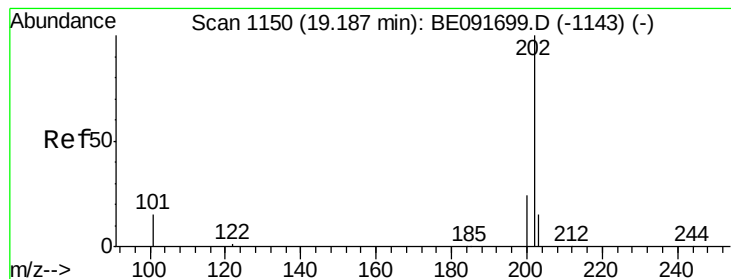


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.66 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

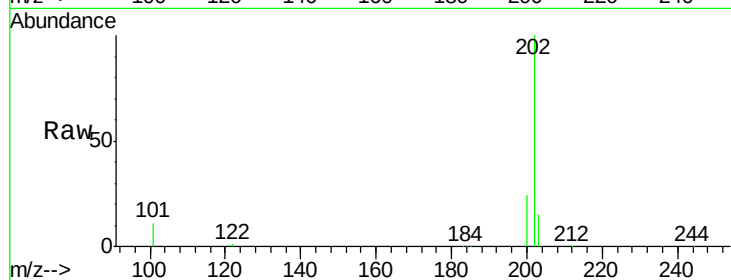
Instrument :

BNA_E

ClientSampleId :

PB90006BSD

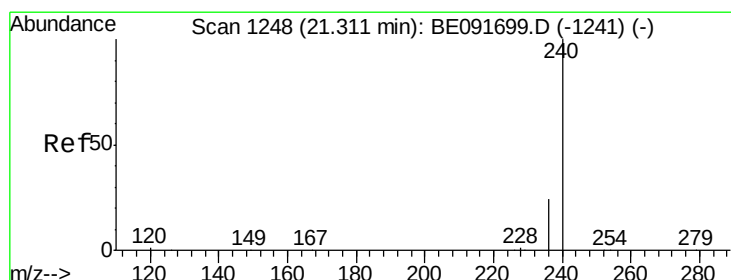
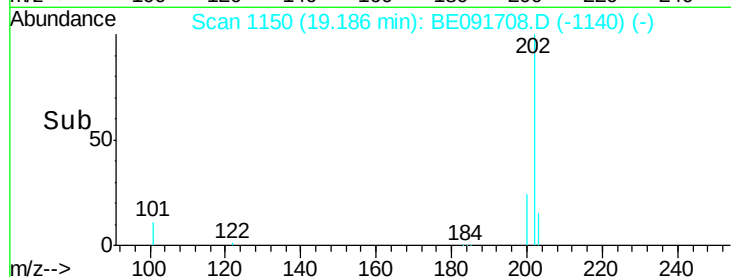
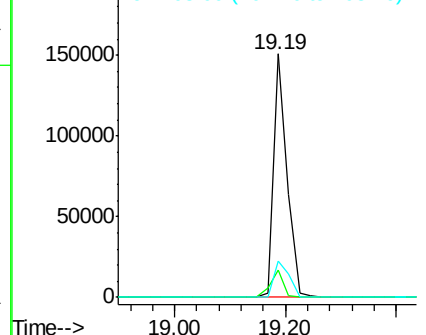
Tgt Ion:	202	Resp:	255705
Ion	Ratio	Lower	Upper
202	100		
101	10.9	11.0	16.6#
203	17.4	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

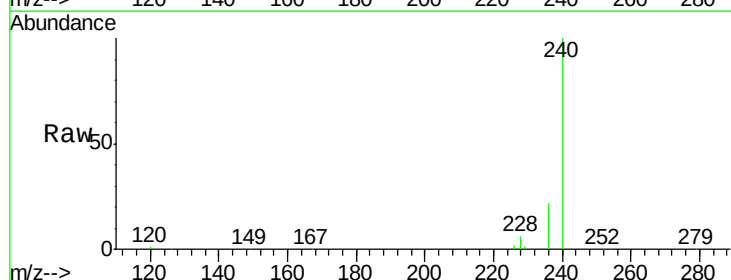
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

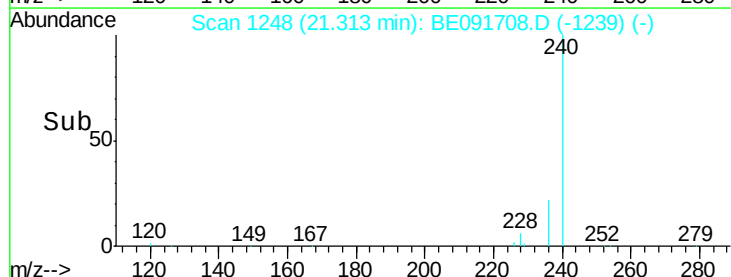
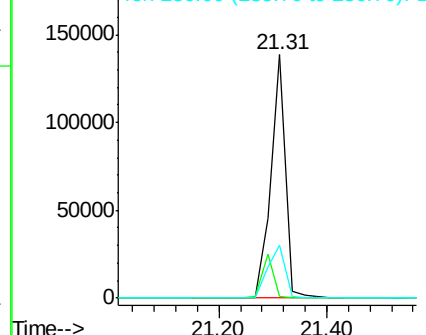
Tgt Ion:	240	Resp:	263667
Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	21.6	21.7	32.5#

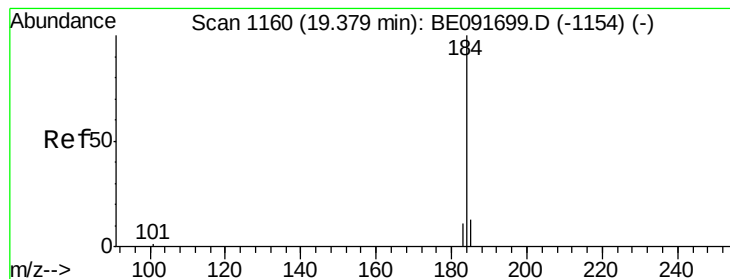


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.39 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

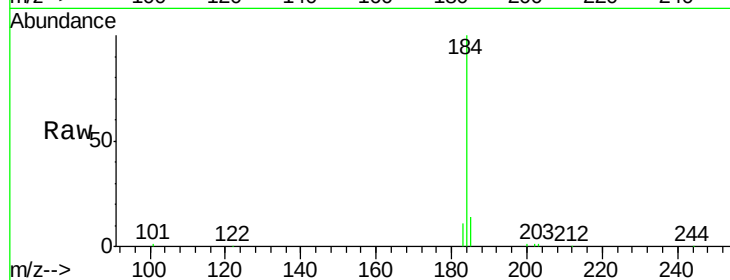
Tgt Ion:184 Resp: 26543

Ion Ratio Lower Upper

184 100

185 14.2 22.3 33.5#

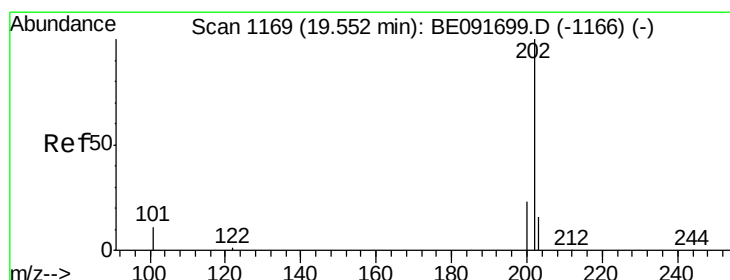
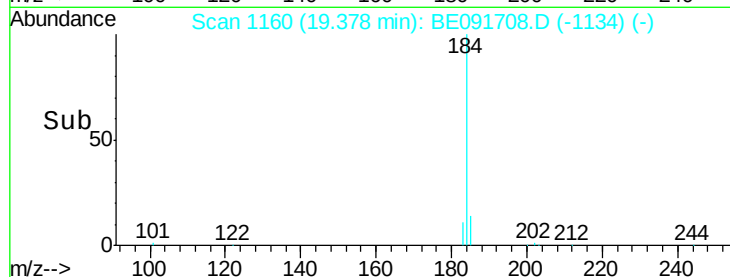
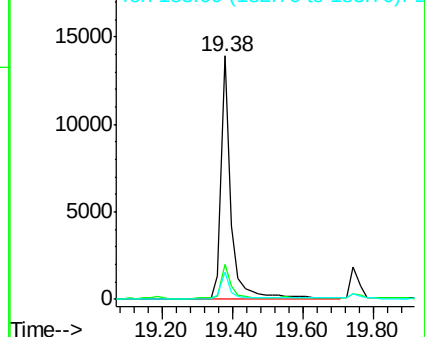
183 11.0 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.75 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

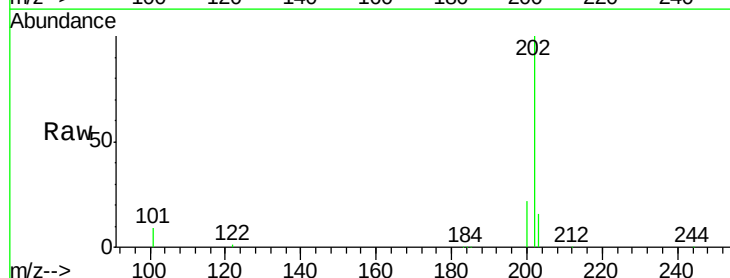
Tgt Ion:202 Resp: 282737

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

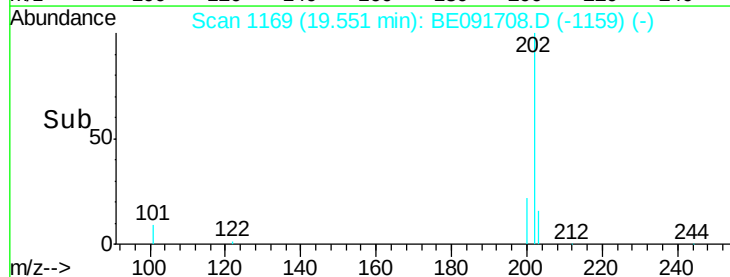
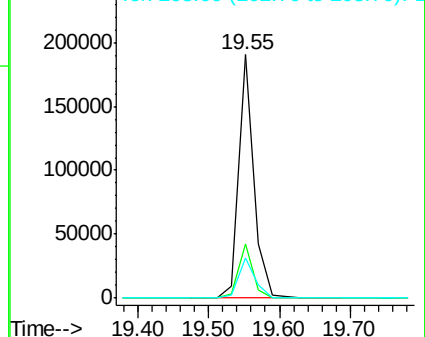
203 17.9 14.0 21.0

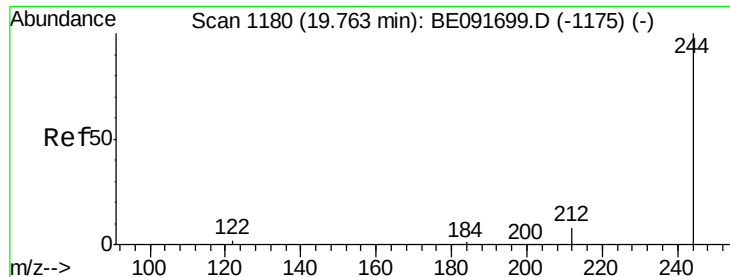


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.22 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

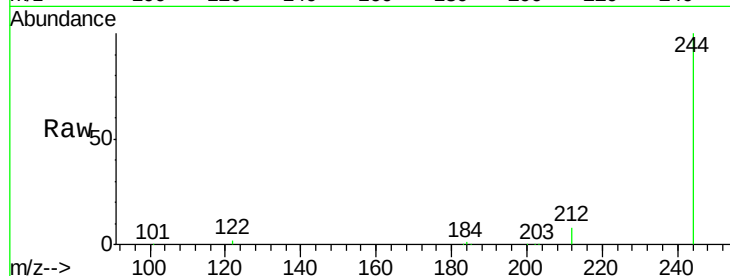
Tgt Ion:244 Resp: 173322

Ion Ratio Lower Upper

244 100

212 7.6 6.9 10.3

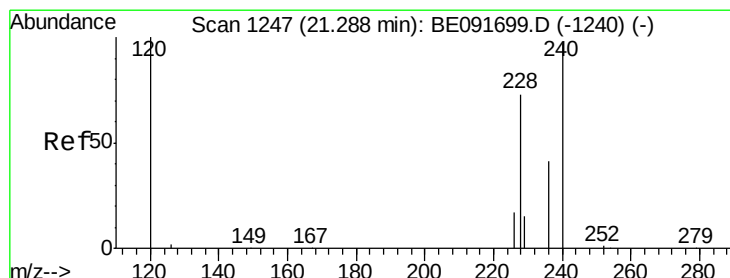
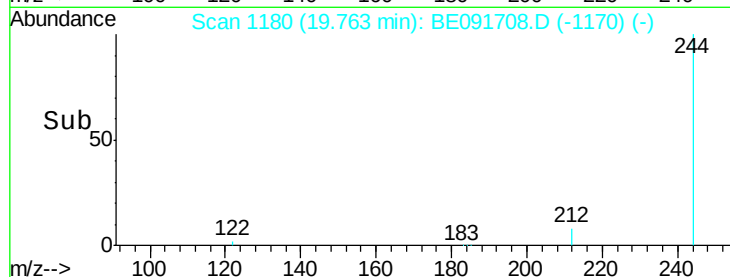
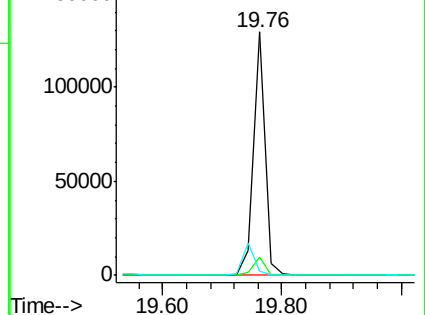
122 1.7 11.0 16.4#



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: 4.31 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

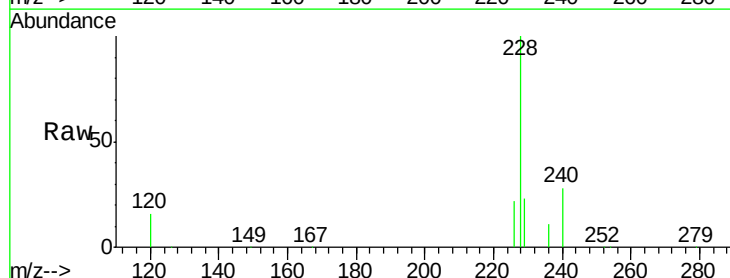
Tgt Ion:228 Resp: 277356

Ion Ratio Lower Upper

228 100

226 22.4 21.0 31.4

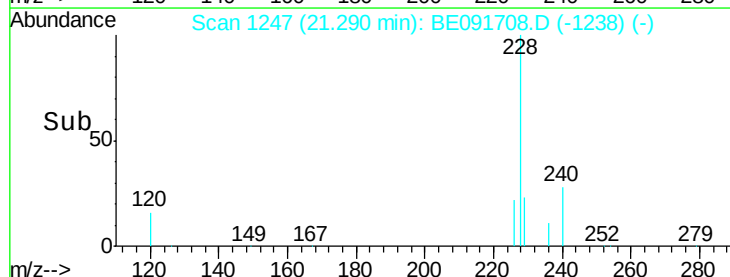
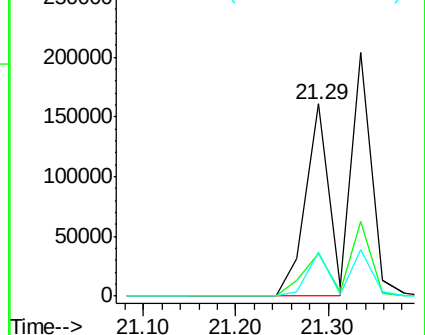
229 22.9 15.7 23.5

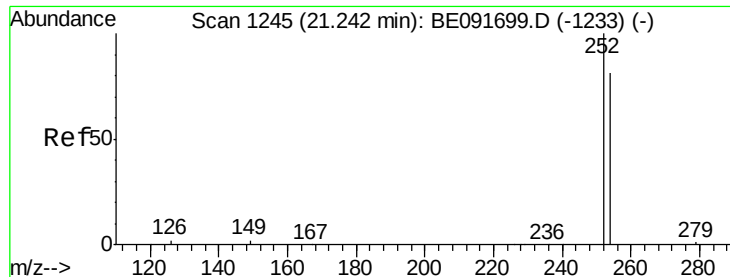


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

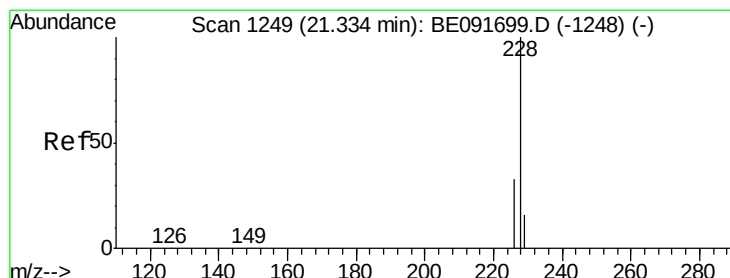
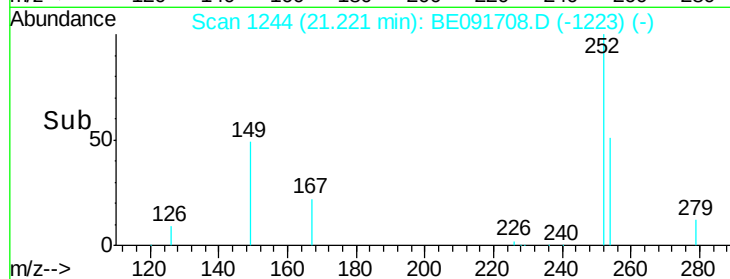
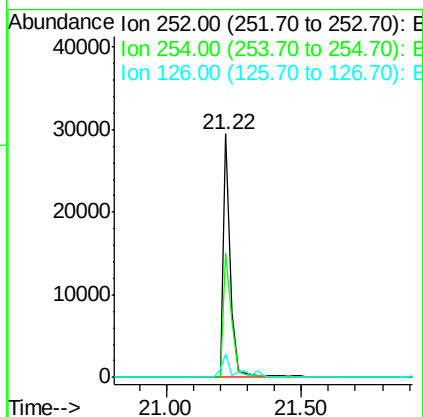
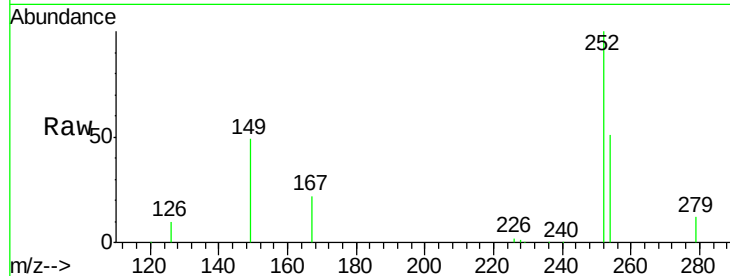




#31
 3,3'-Dichlorobenzidine
 Concen: 1.66 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

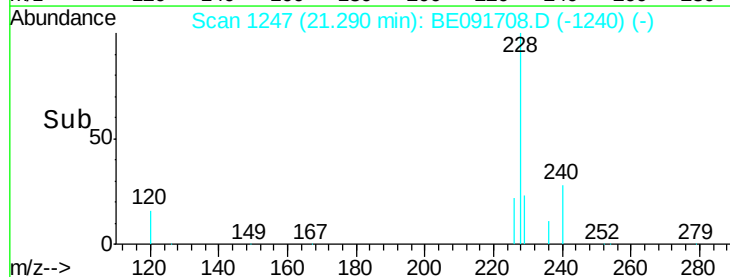
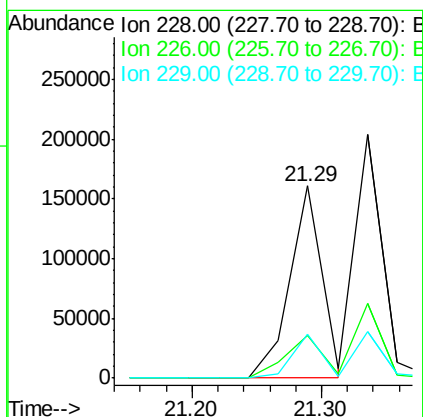
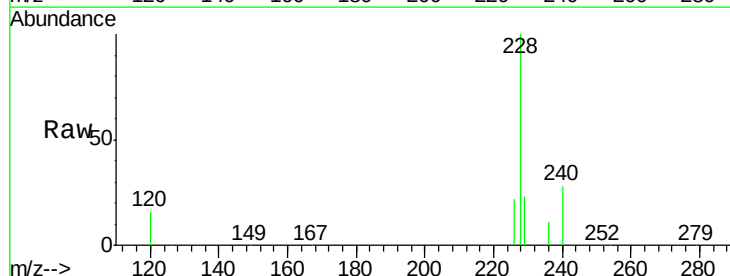
Instrument :
 BNA_E
 ClientSampleId :
 PB90006BSD

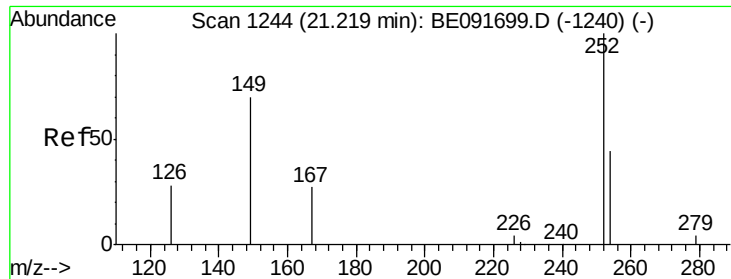
Tgt Ion: 252 Resp: 54525
 Ion Ratio Lower Upper
 252 100
 254 51.1 51.1 76.7#
 126 9.7 12.6 18.8#



#32
 Chrysene
 Concen: 4.14 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

Tgt Ion: 228 Resp: 277318
 Ion Ratio Lower Upper
 228 100
 226 22.4 24.0 36.0#
 229 22.9 15.9 23.9

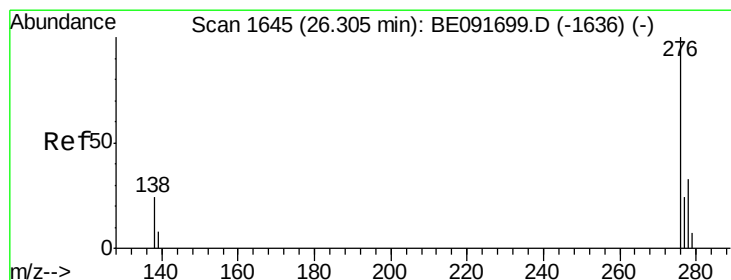
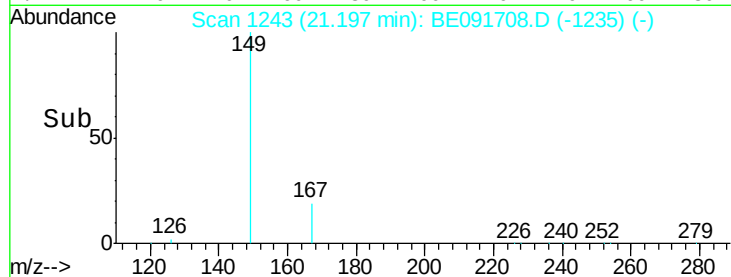
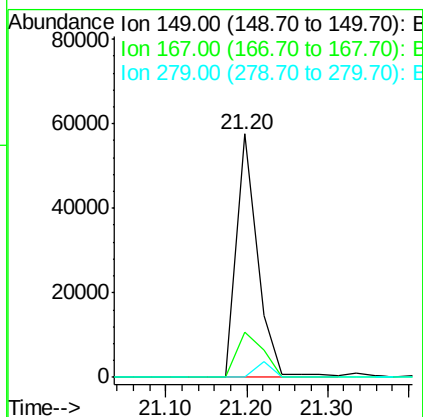
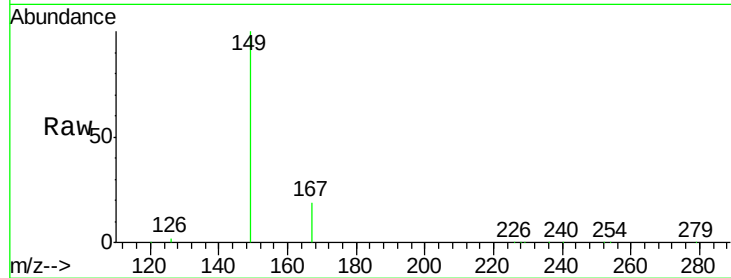




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 5.21 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

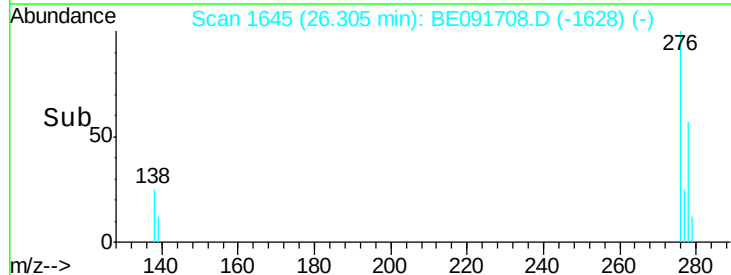
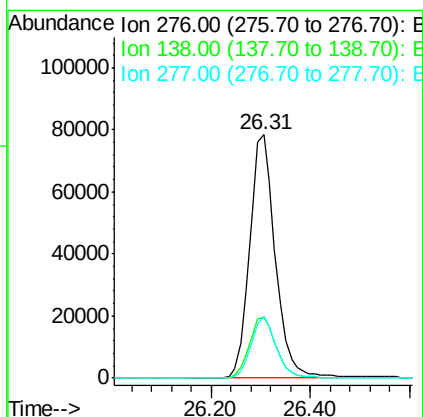
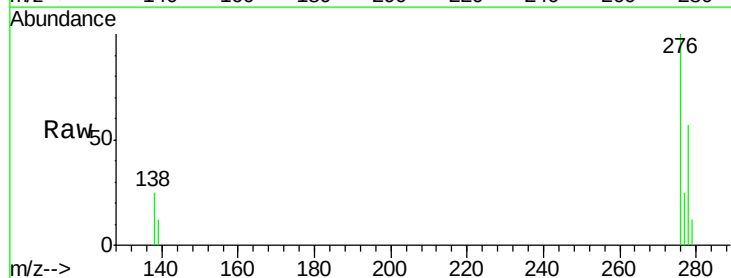
Instrument :
 BNA_E
 ClientSampleId :
 PB90006BSD

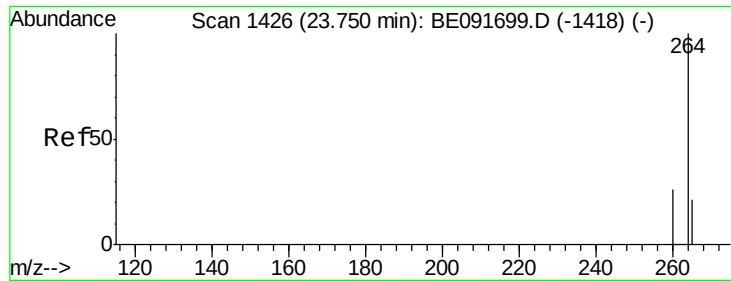
Tgt Ion:149 Resp: 101554
 Ion Ratio Lower Upper
 149 100
 167 23.7 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.76 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

Tgt Ion:276 Resp: 283583
 Ion Ratio Lower Upper
 276 100
 138 26.2 23.4 35.2
 277 24.8 19.8 29.8

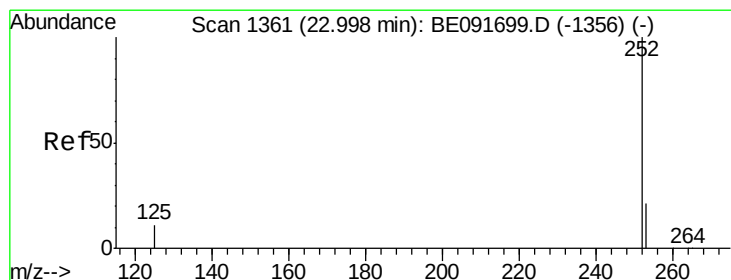
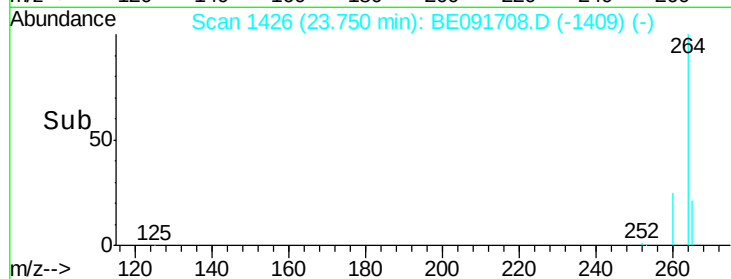
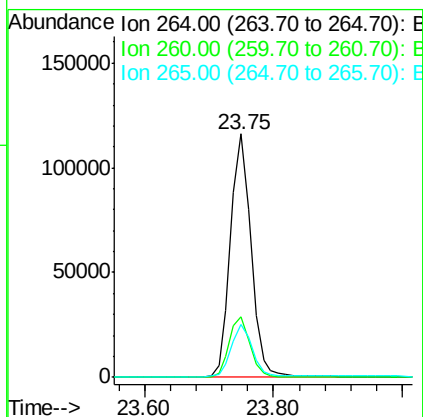
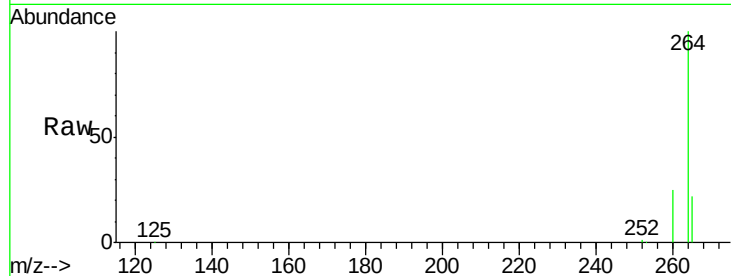




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

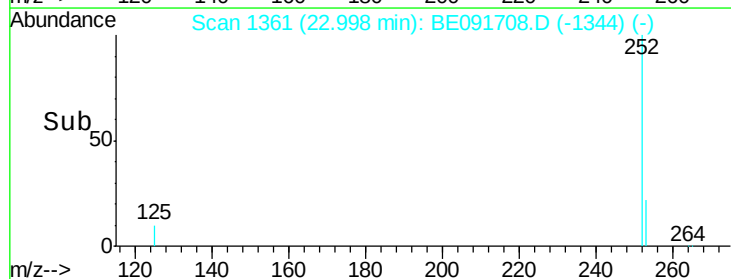
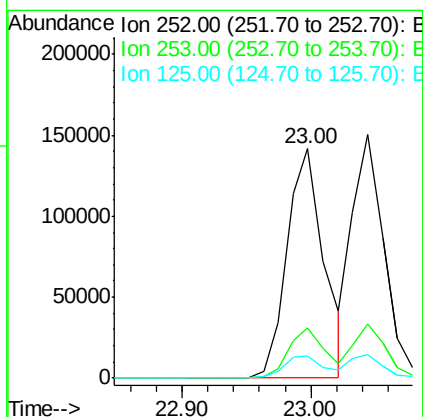
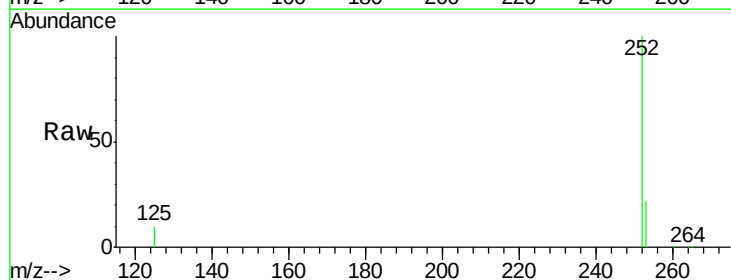
Instrument :
 BNA_E
 ClientSampleId :
 PB90006BSD

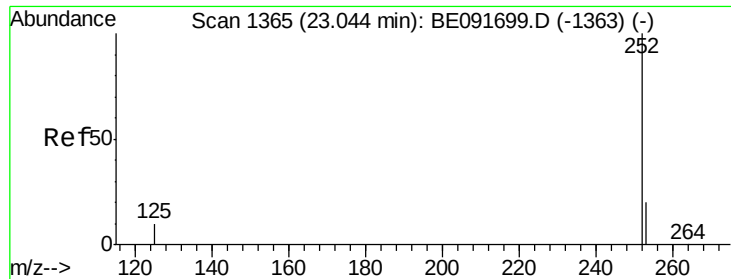
Tgt Ion: 264 Resp: 257564
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.7 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.68 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BE091708.D
 Acq: 26 Apr 2016 17:28

Tgt Ion: 252 Resp: 282468
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 9.7 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 4.28 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

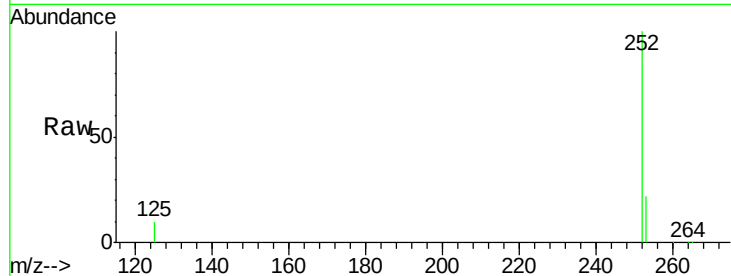
Tgt Ion:252 Resp: 262462

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

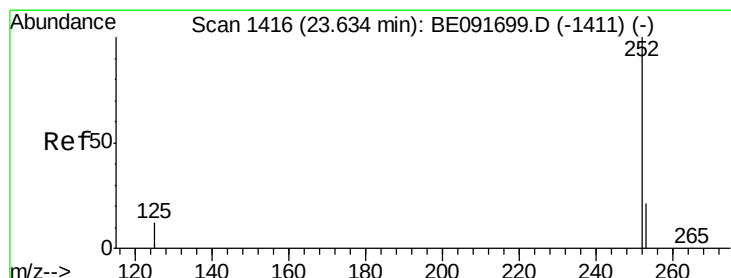
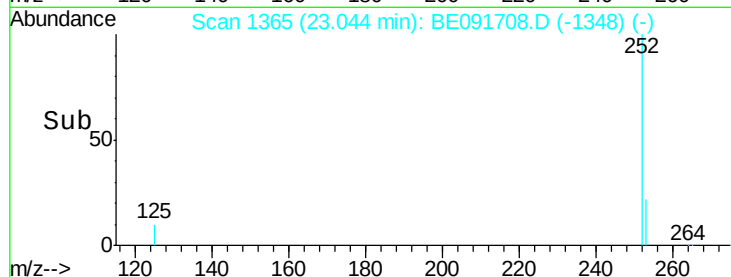
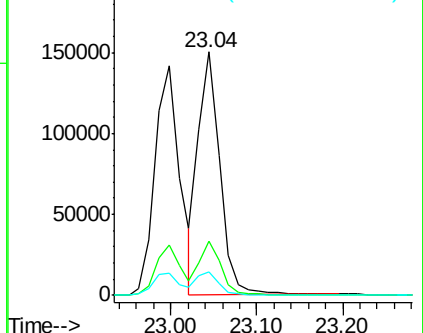
125 9.9 9.9 14.9#



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: 4.44 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

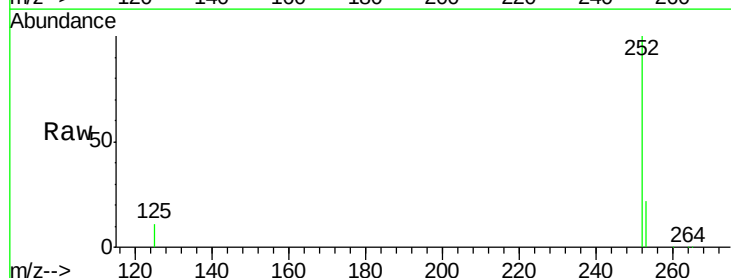
Tgt Ion:252 Resp: 252415

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

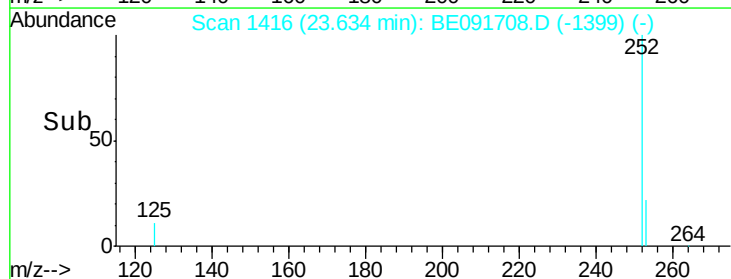
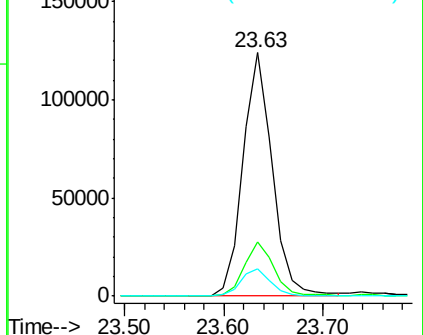
125 11.1 11.0 16.4

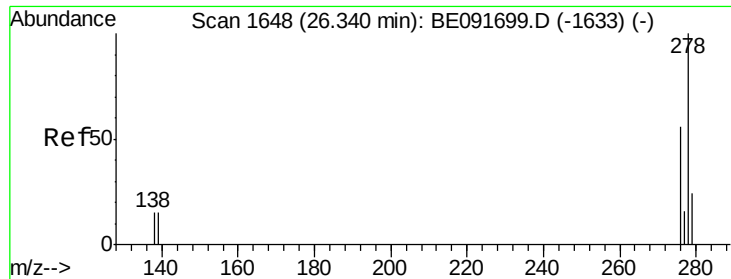


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.45 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

Instrument :

BNA_E

ClientSampleId :

PB90006BSD

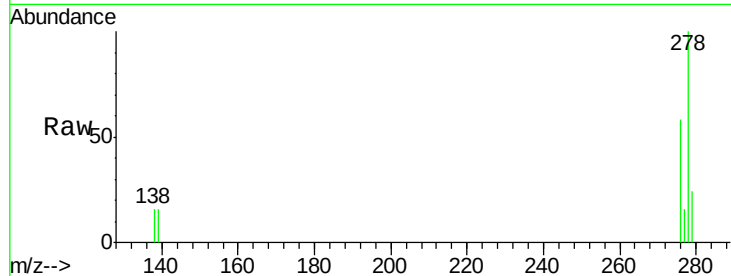
Tgt Ion: 278 Resp: 239743

Ion Ratio Lower Upper

278 100

139 15.8 16.0 24.0#

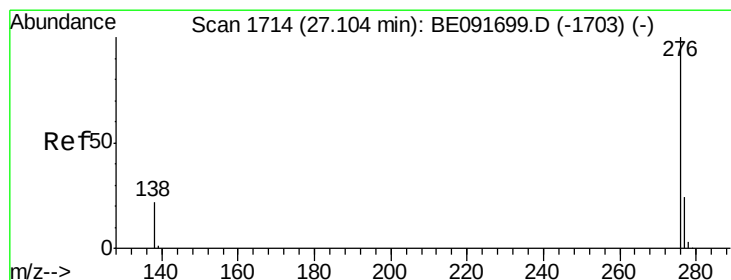
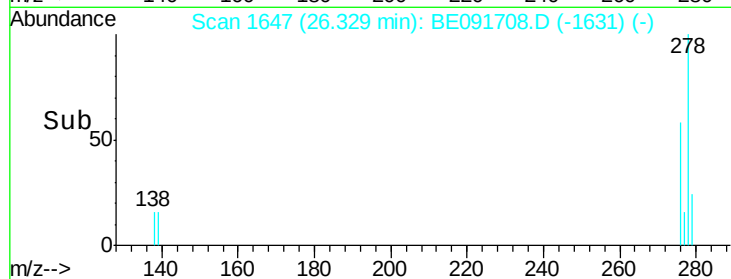
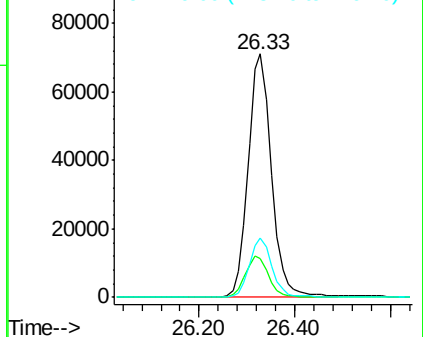
279 24.2 19.4 29.2



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: 4.35 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091708.D

Acq: 26 Apr 2016 17:28

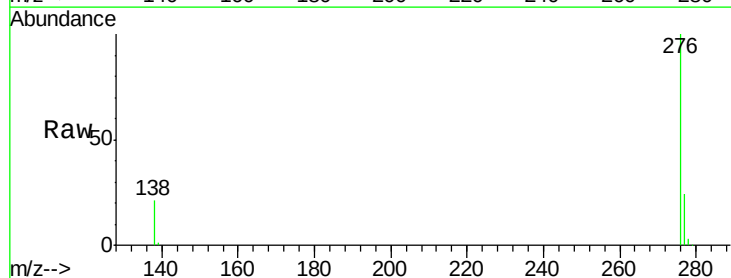
Tgt Ion: 276 Resp: 237918

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 21.1 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

