

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091627.D
 Acq On : 11 Apr 2016 14:22
 Operator : UM/SJ
 Sample : PB89606BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89606BSD

Quant Time: Apr 12 01:46:20 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	42889	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	208809	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	128761	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	310555	5.00	ng	0.00
26) Chrysene-d12	21.31	240	405742	5.00	ng	0.00
35) Perylene-d12	23.76	264	346493	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	63020	6.16	ng	0.00
5) Phenol-d6	6.97	99	93018	6.82	ng	0.00
8) Nitrobenzene-d5	8.96	82	41382	3.41	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	33018	7.04	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	126183	3.52	ng	0.00
29) Terphenyl-d14	19.76	244	201197	3.97	ng	0.00

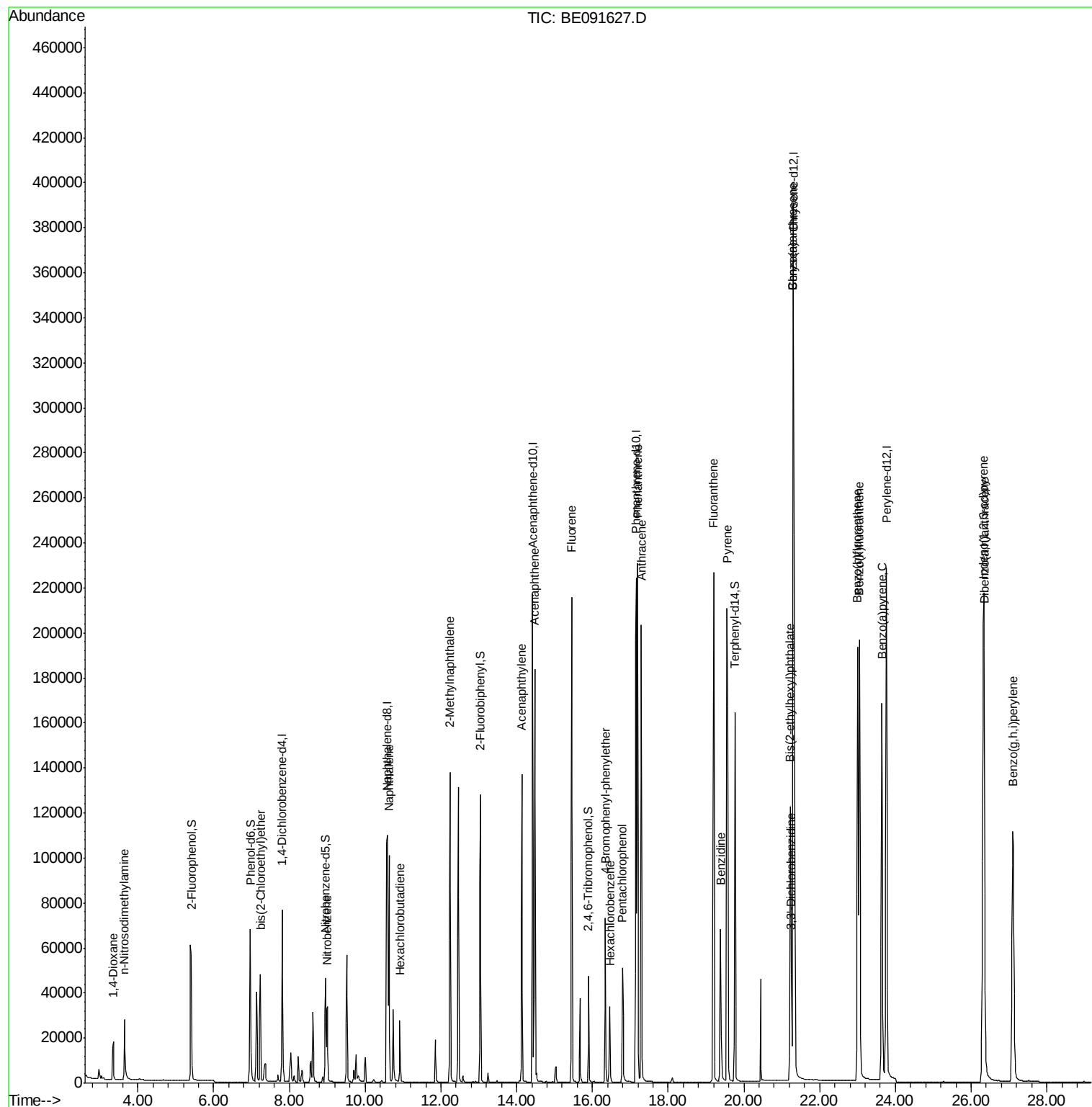
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	14619	3.08	ng	# 93
3) n-Nitrosodimethylamine	3.64	42	21949	3.34	ng	# 92
6) bis(2-Chloroethyl)ether	7.23	93	39244	3.32	ng	# 76
9) Nitrobenzene	8.99	77	42740	2.88	ng	94
10) Naphthalene	10.63	128	138782	3.22	ng	98
11) Hexachlorobutadiene	10.92	225	21580	3.41	ng	98
12) 2-Methylnaphthalene	12.24	142	98950	3.60	ng	98
16) Acenaphthylene	14.14	152	171600	3.43	ng	# 86
17) Acenaphthene	14.47	154	106936	3.38	ng	93
18) Fluorene	15.46	166	135538	3.43	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	38126	3.48	ng	95
21) Hexachlorobenzene	16.47	284	39126	3.44	ng	97
22) Pentachlorophenol	16.79	266	39368	6.67	ng	# 87
23) Phenanthrene	17.19	178	248307	3.50	ng	99
24) Anthracene	17.29	178	231858	3.69	ng	99
25) Fluoranthene	19.20	202	270566	3.61	ng	97
27) Benzidine	19.38	184	95789	2.58	ng	# 76
28) Pyrene	19.55	202	292984	3.61	ng	98
30) Benzo(a)anthracene	21.29	228	631459	6.96	ng	100
31) 3,3'-Dichlorobenzidine	21.24	252	59211	1.03	ng	# 73
32) Chrysene	21.29	228	634724	7.70	ng	96
33) Bis(2-ethylhexyl)phthalate	21.22	149	109481	1.85	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.32	276	325938	3.55	ng	97
36) Benzo(b)fluoranthene	23.00	252	284837	3.54	ng	97
37) Benzo(k)fluoranthene	23.04	252	306731	3.87	ng	96
38) Benzo(a)pyrene	23.65	252	275060	3.68	ng	# 97
39) Dibenzo(a,h)anthracene	26.34	278	273147	3.71	ng	# 96
40) Benzo(g,h,i)perylene	27.10	276	269355	3.55	ng	96

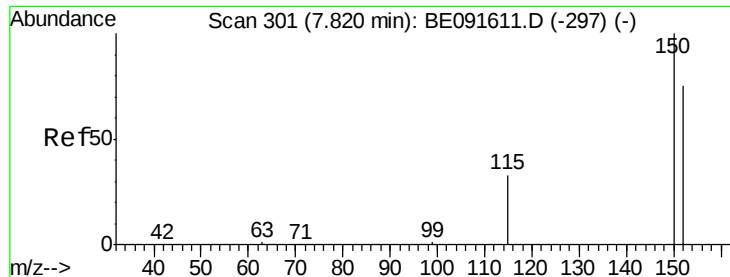
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

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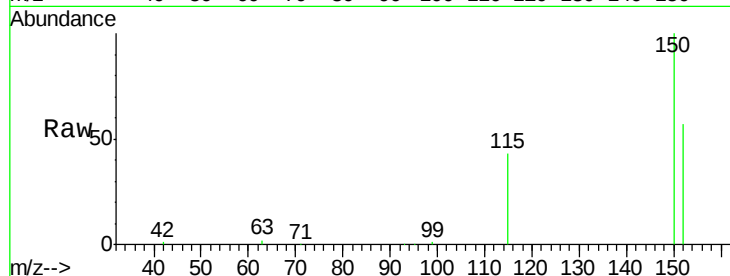
Tgt Ion:152 Resp: 42889

Ion Ratio Lower Upper

152 100

150 174.8 122.6 183.8

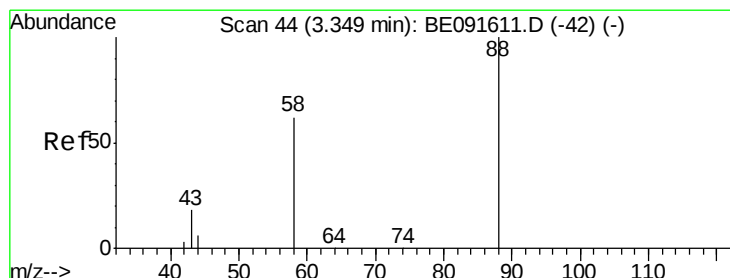
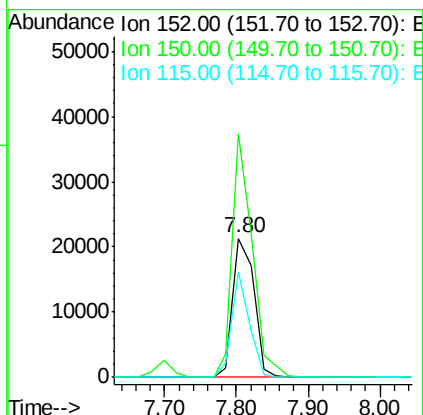
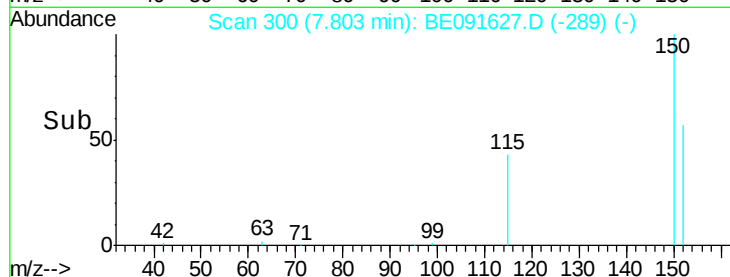
115 75.2 52.8 79.2



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: 3.08 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

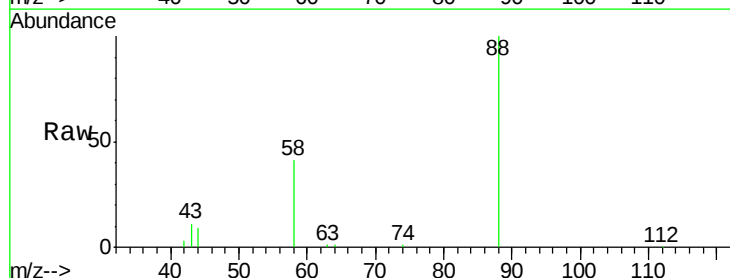
Tgt Ion: 88 Resp: 14619

Ion Ratio Lower Upper

88 100

58 85.7 65.8 98.6

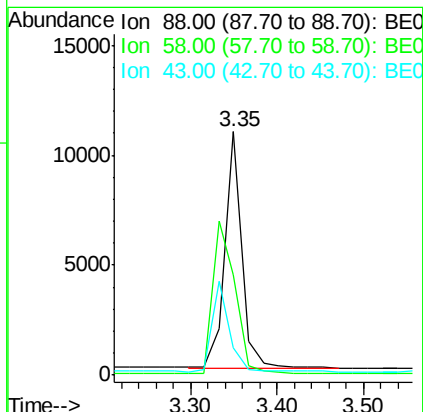
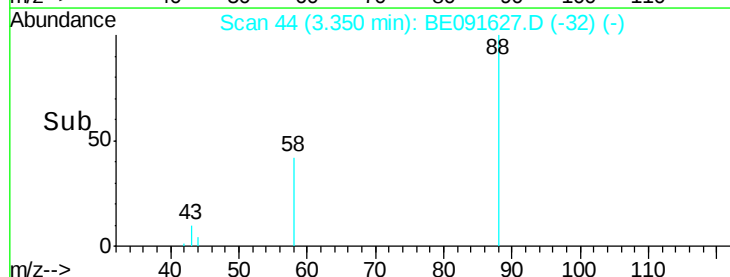
43 39.2 25.3 37.9#

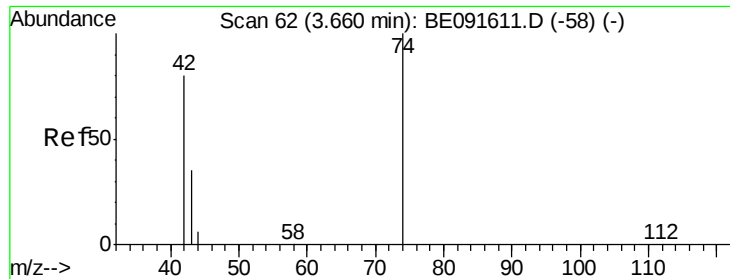


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.34 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

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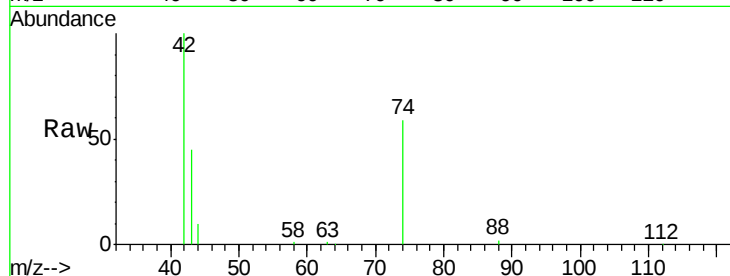
Tgt Ion: 42 Resp: 21949

Ion Ratio Lower Upper

42 100

74 101.1 87.9 131.9

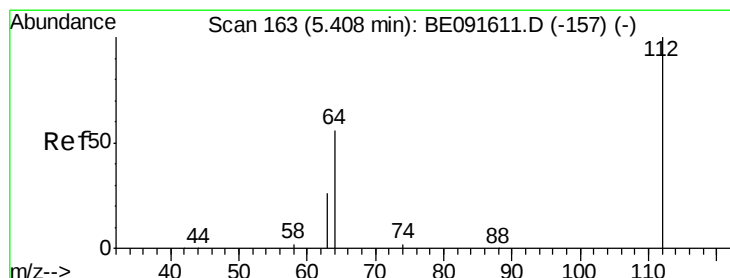
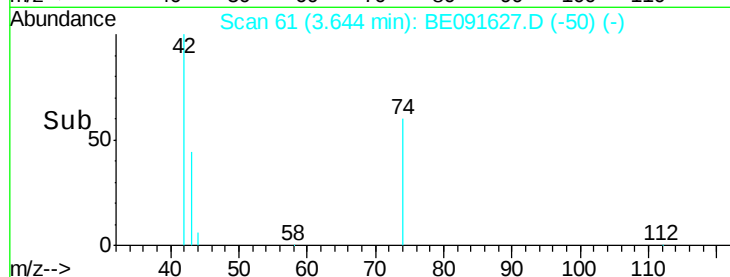
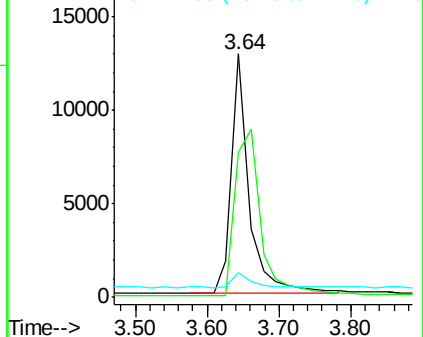
44 6.4 6.6 9.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 6.16 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

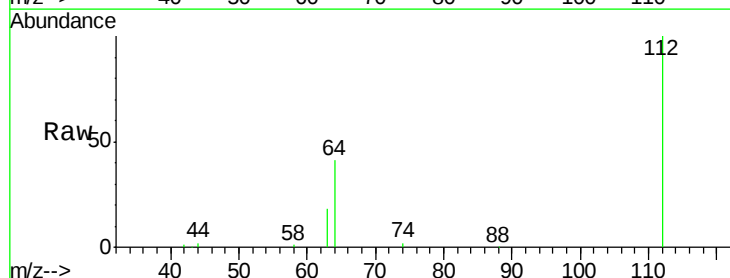
Tgt Ion: 112 Resp: 63020

Ion Ratio Lower Upper

112 100

64 68.0 30.9 46.3#

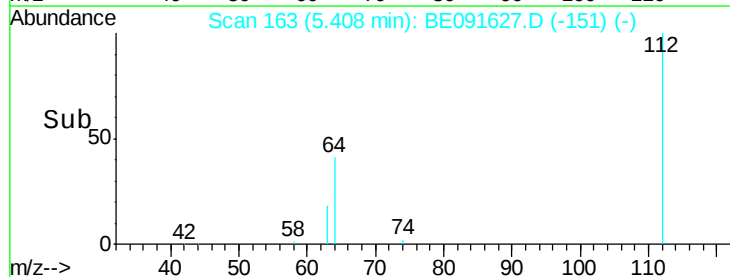
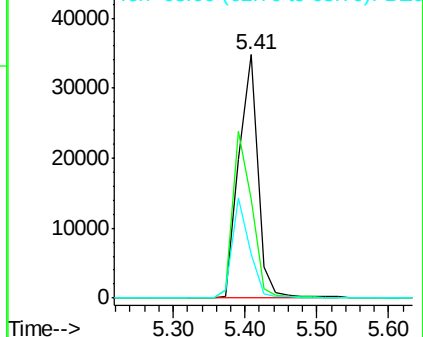
63 37.1 16.7 25.1#

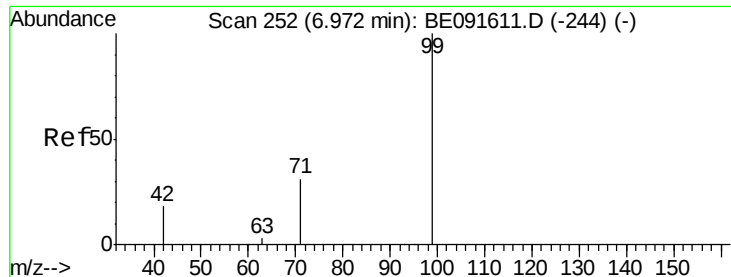


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.82 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

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PB89606BSD

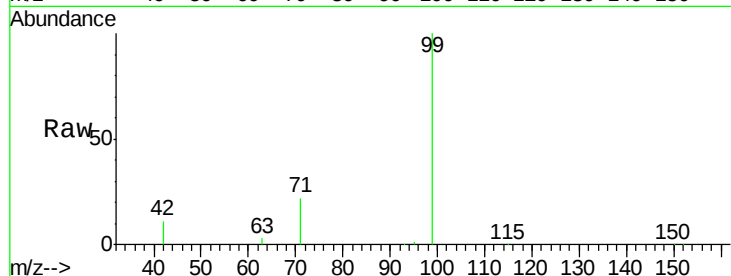
Tgt Ion: 99 Resp: 93018

Ion Ratio Lower Upper

99 100

42 26.3 16.2 24.2#

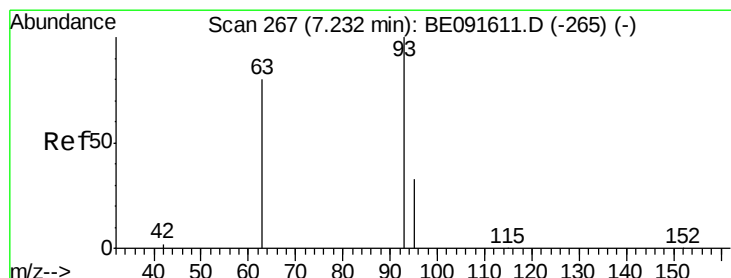
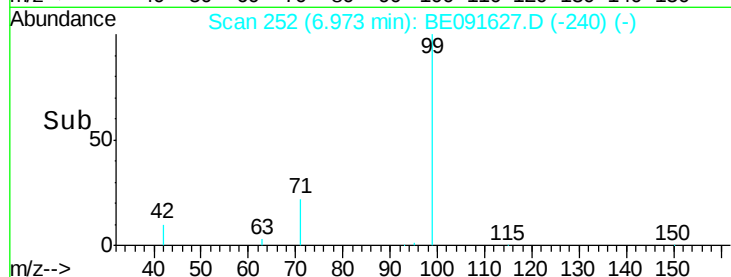
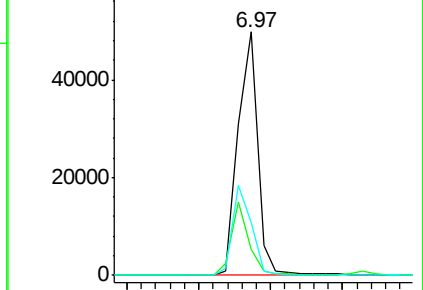
71 36.0 29.0 43.4



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: 3.32 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

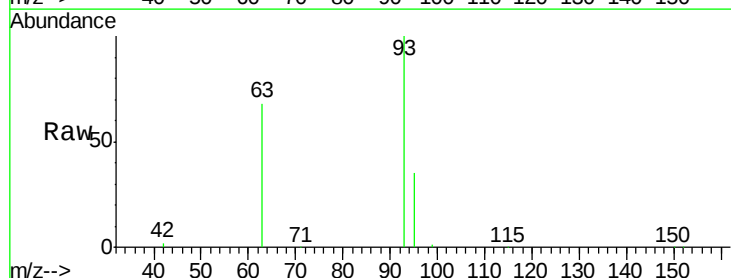
Tgt Ion: 93 Resp: 39244

Ion Ratio Lower Upper

93 100

63 85.7 49.5 74.3#

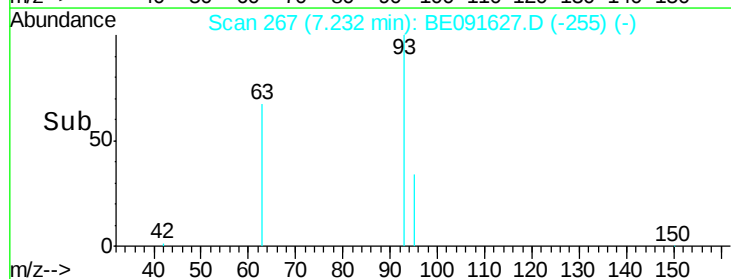
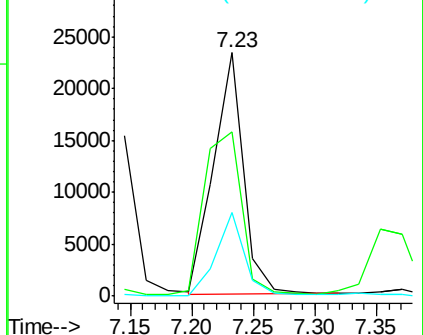
95 32.6 22.2 33.4

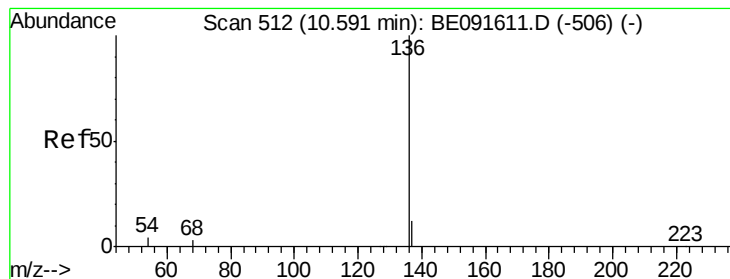


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

Tgt Ion: 136 Resp: 208809

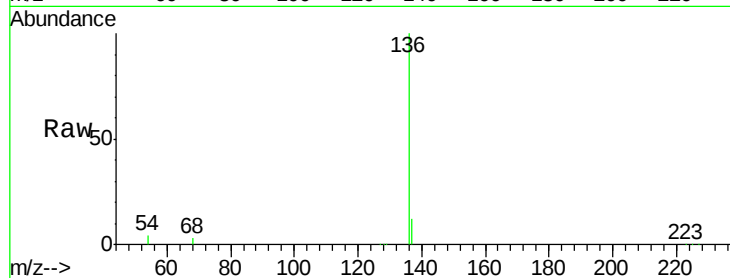
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 3.8 8.2 12.4#

68 3.2 6.2 9.4#

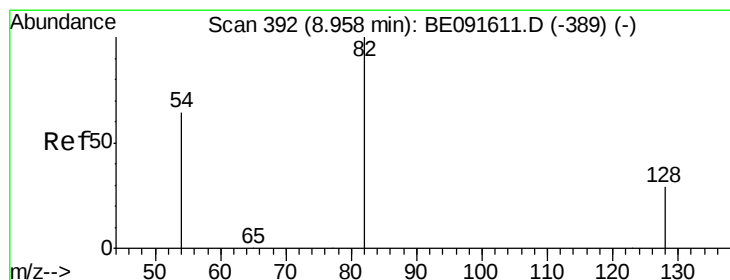
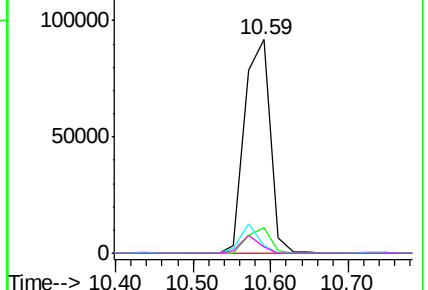
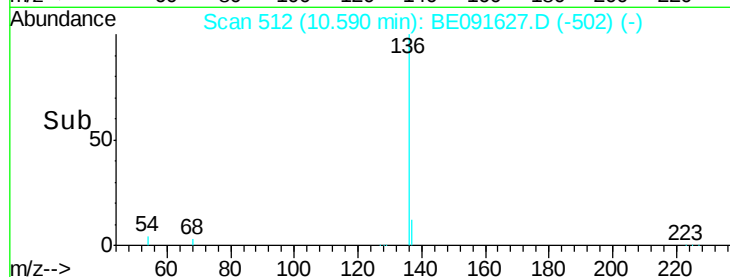


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.41 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

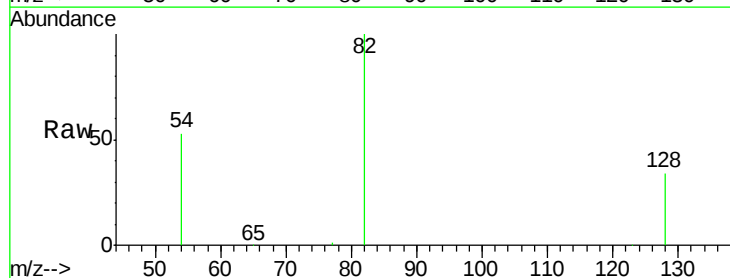
Tgt Ion: 82 Resp: 41382

Ion Ratio Lower Upper

82 100

128 34.1 25.4 38.0

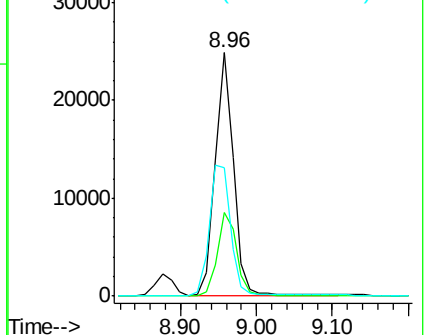
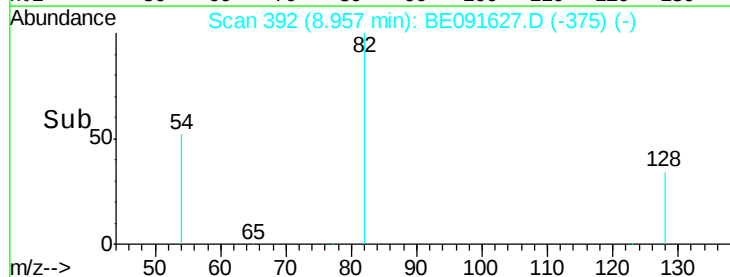
54 52.5 48.4 72.6

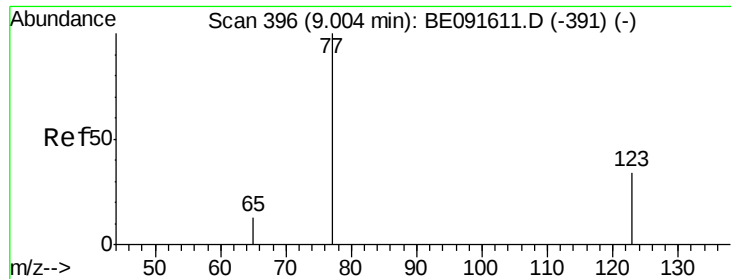


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

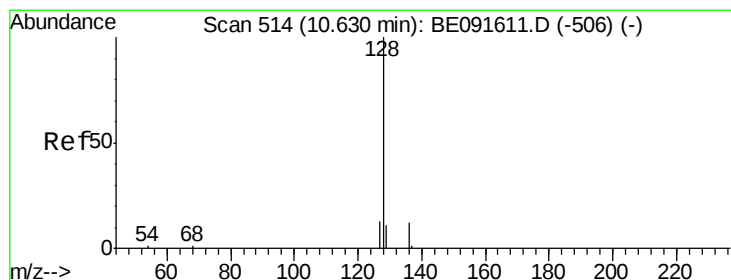
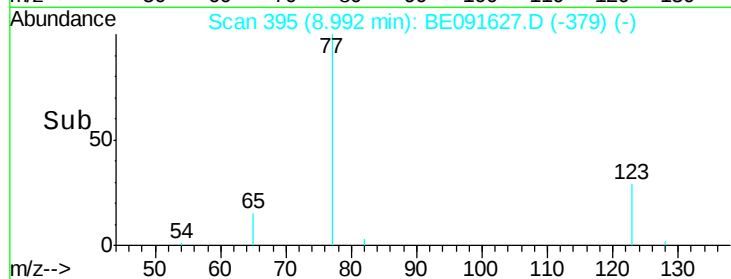
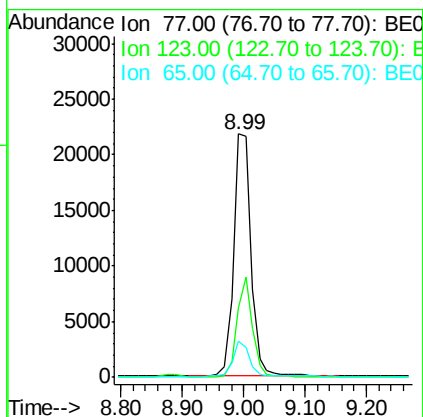
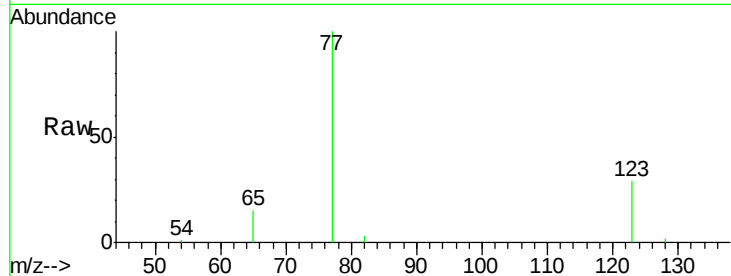




#9
 Nitrobenzene
 Concen: 2.88 ng
 RT: 8.99 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BE091627.D
 Acq: 11 Apr 2016 14:22

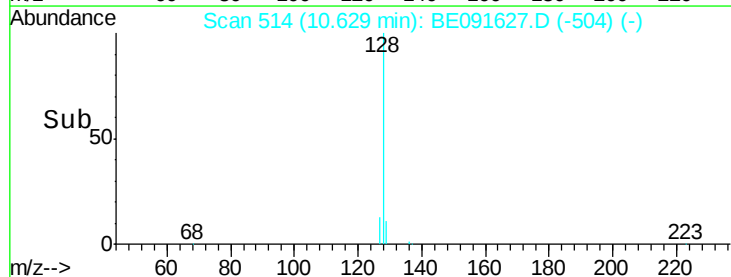
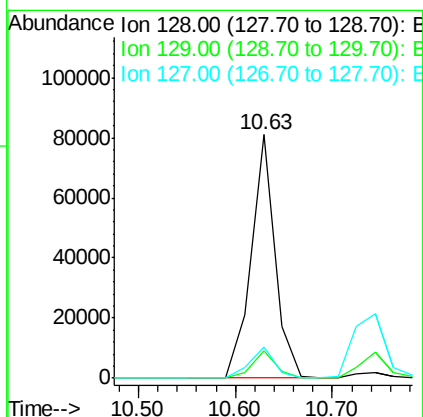
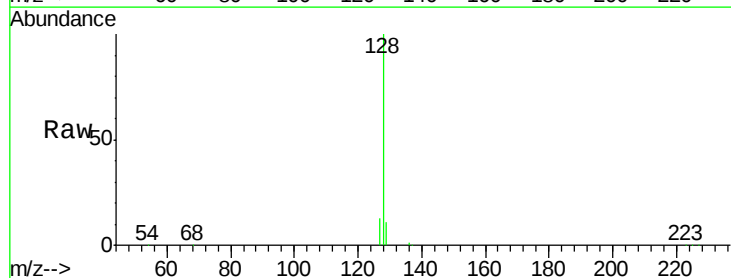
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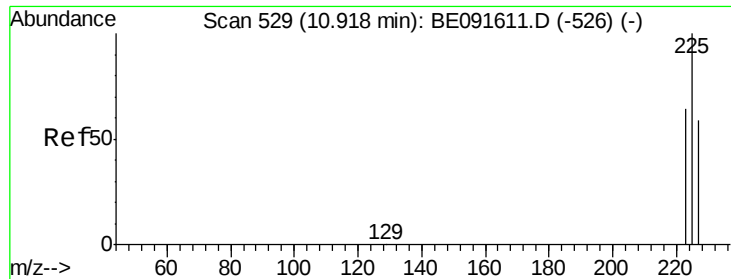
Tgt Ion: 77 Resp: 42740
 Ion Ratio Lower Upper
 77 100
 123 36.8 26.9 40.3
 65 13.9 9.4 14.2



#10
 Naphthalene
 Concen: 3.22 ng
 RT: 10.63 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BE091627.D
 Acq: 11 Apr 2016 14:22

Tgt Ion: 128 Resp: 138782
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.3 13.9
 127 12.7 10.7 16.1

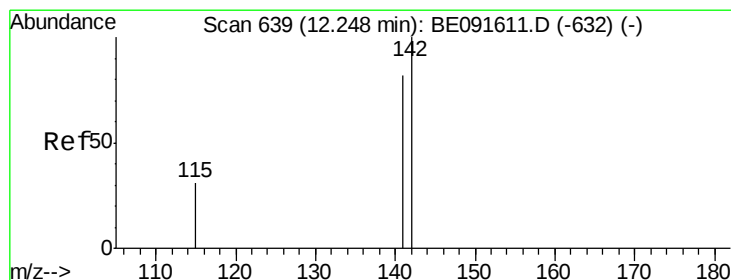
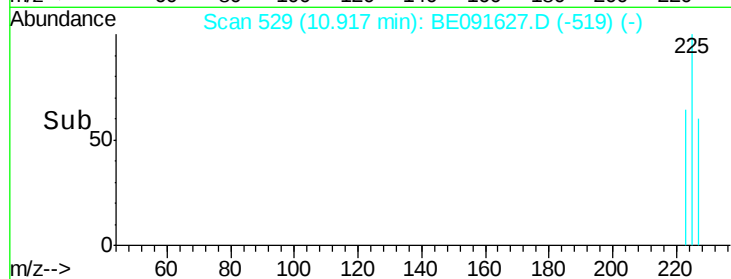
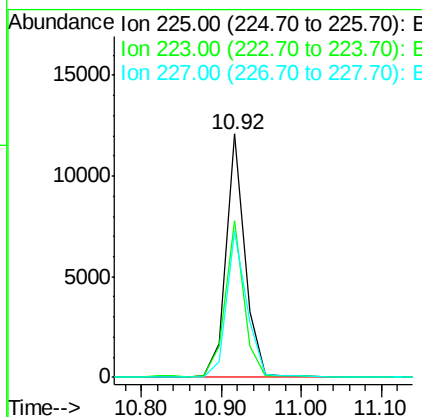
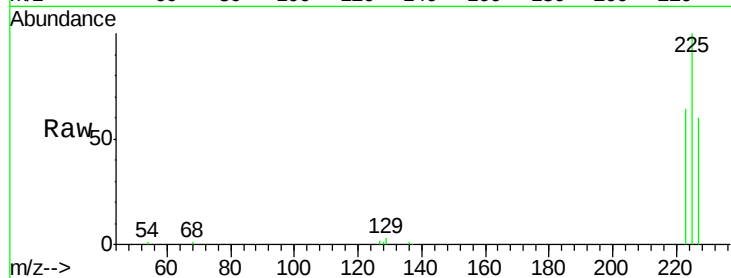




#11
Hexachlorobutadiene
Concen: 3.41 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

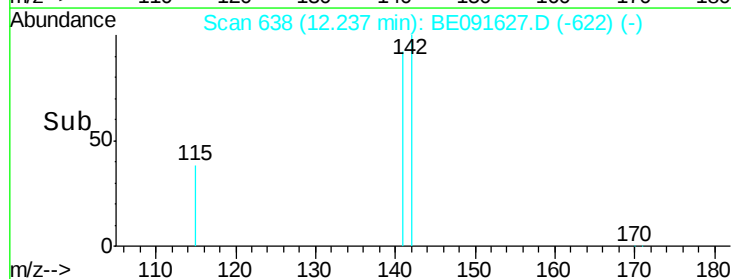
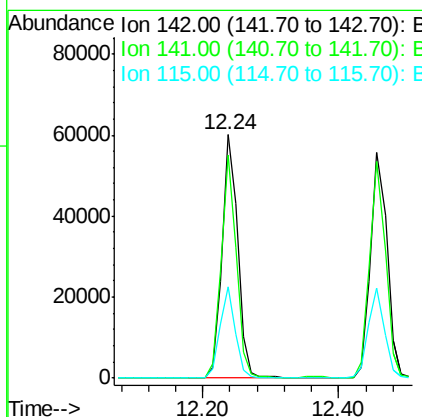
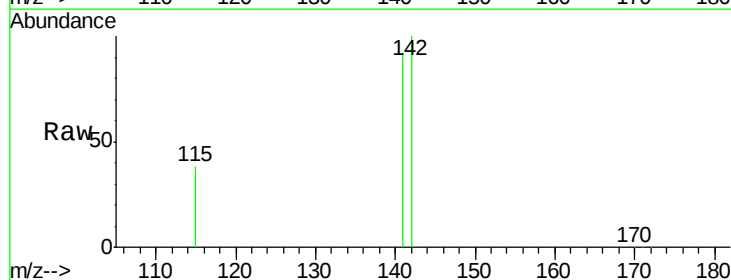
Instrument :
BNA_E
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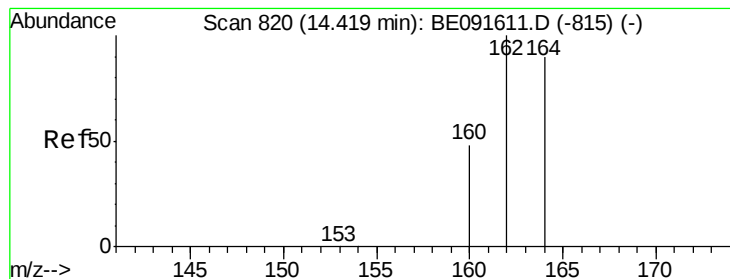
Tgt Ion: 225 Resp: 21580
Ion Ratio Lower Upper
225 100
223 64.2 49.0 73.6
227 63.8 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.60 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

Tgt Ion: 142 Resp: 98950
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.0
115 37.7 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: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

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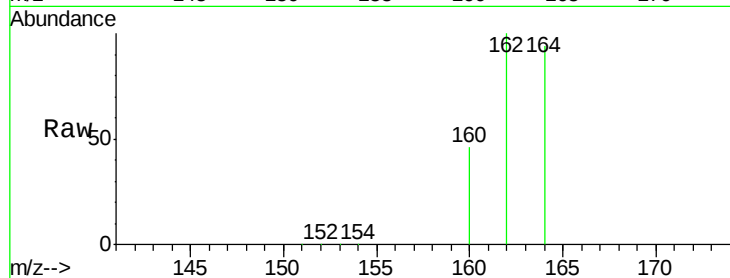
Tgt Ion:164 Resp: 128761

Ion Ratio Lower Upper

164 100

162 106.0 85.3 127.9

160 48.3 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

120000

100000

80000

60000

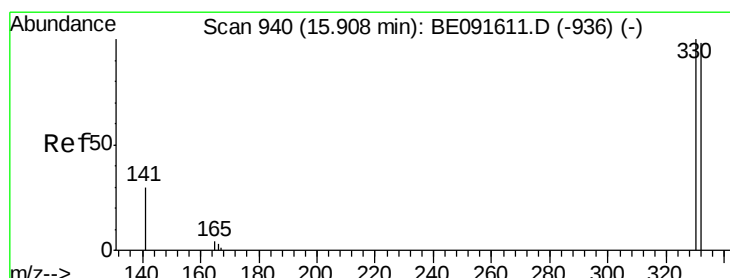
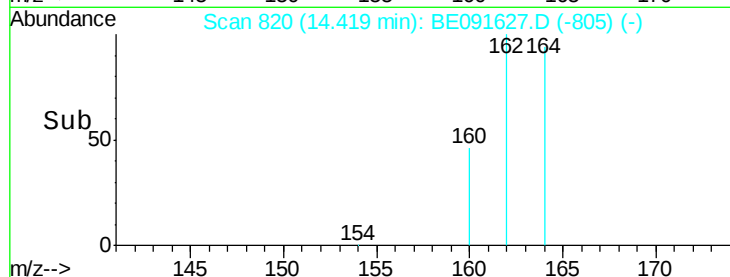
40000

20000

0

14.30 14.40 14.50 14.60

Time-->



#14

2,4,6-Tribromophenol

Concen: 7.04 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

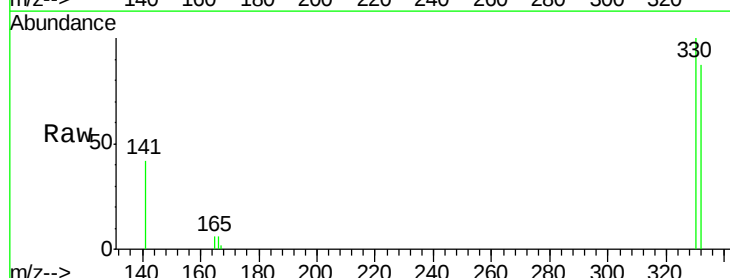
Tgt Ion:330 Resp: 33018

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 39.5 125.4 188.0#



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

25000

20000

15000

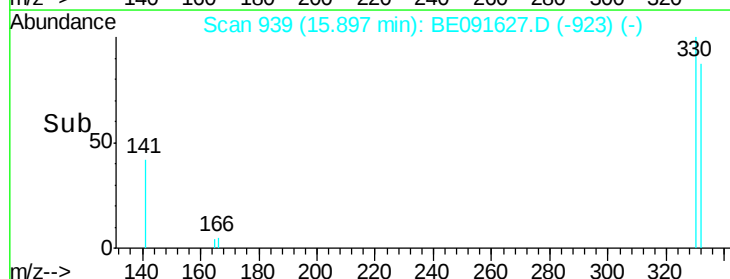
10000

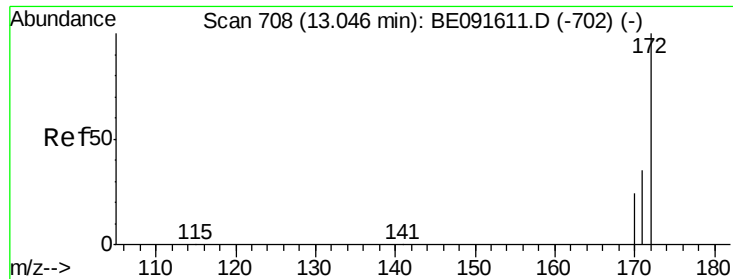
5000

0

15.80 15.90 16.00

Time-->

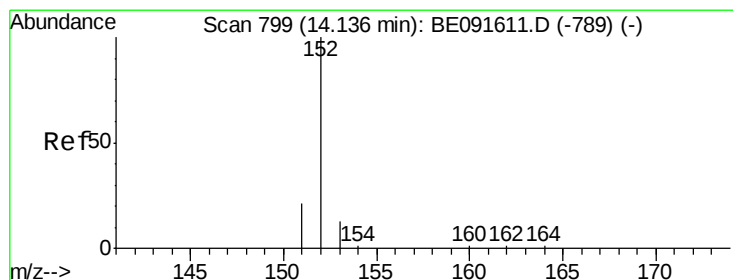
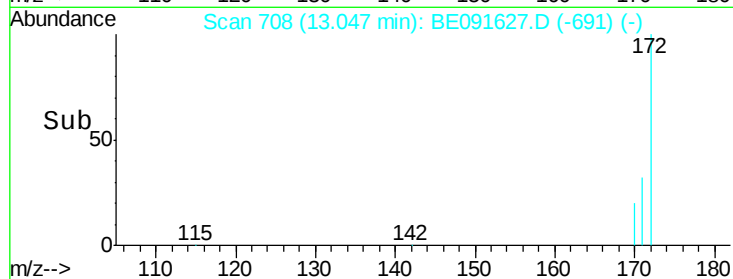
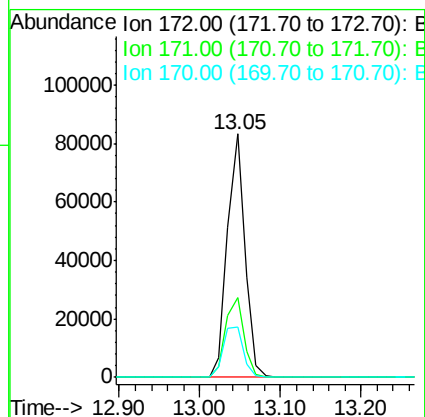
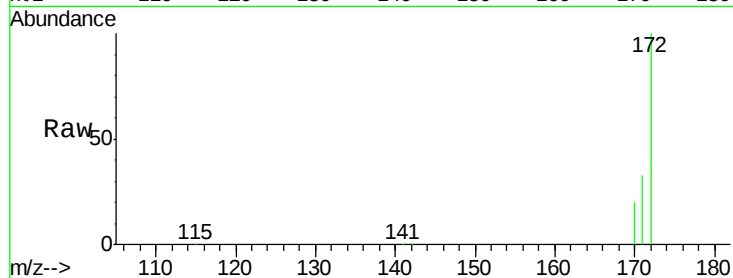




#15
2-Fluorobiphenyl
Concen: 3.52 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

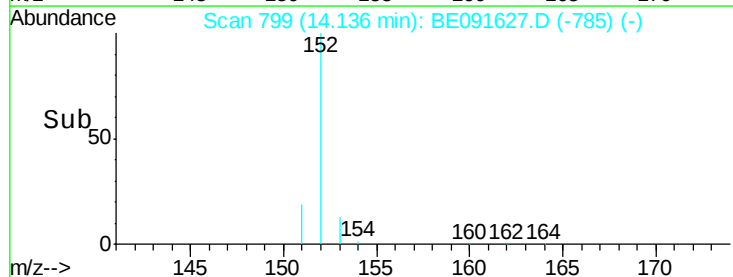
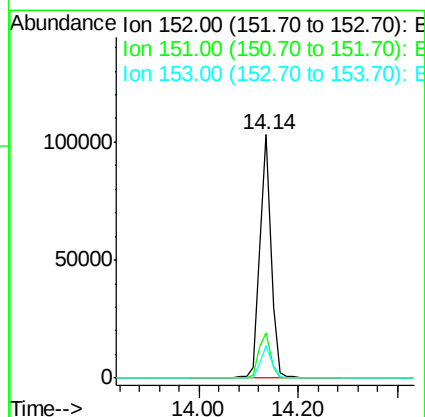
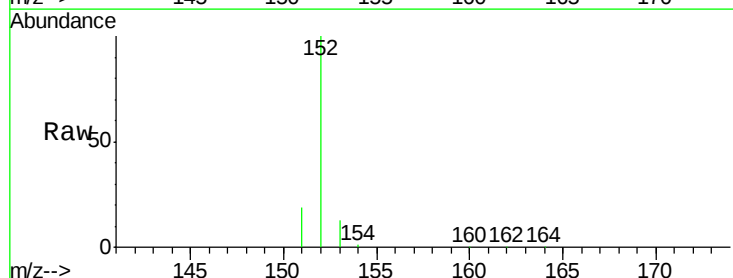
Instrument :
BNA_E
ClientSampleId :
PB89606BSD

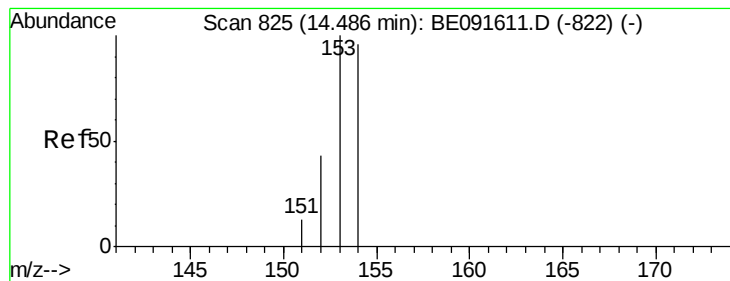
Tgt Ion:172 Resp: 126183
Ion Ratio Lower Upper
172 100
171 32.7 28.8 43.2
170 20.4 19.3 28.9



#16
Acenaphthylene
Concen: 3.43 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

Tgt Ion:152 Resp: 171600
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.5 10.3 15.5





#17

Acenaphthene

Concen: 3.38 ng

RT: 14.47 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

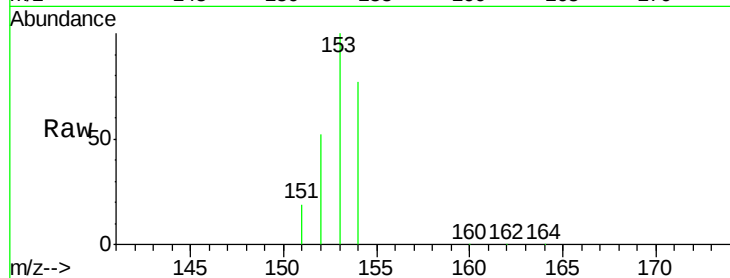
Tgt Ion:154 Resp: 106936

Ion Ratio Lower Upper

154 100

153 108.5 80.0 120.0

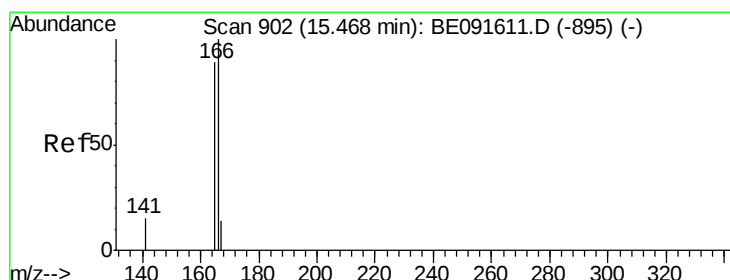
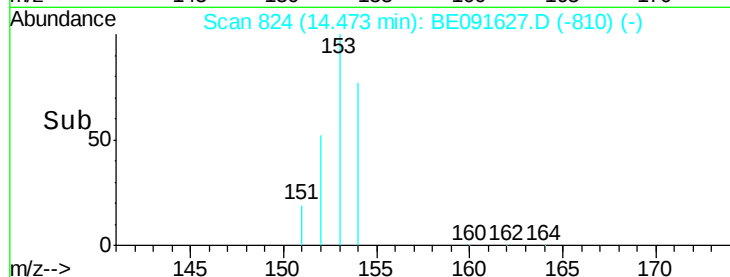
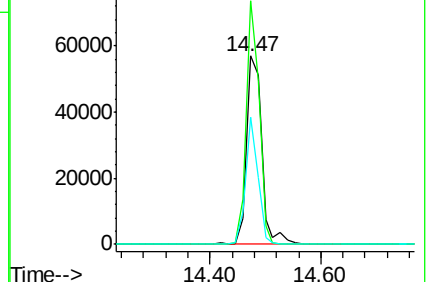
152 53.6 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.43 ng

RT: 15.46 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

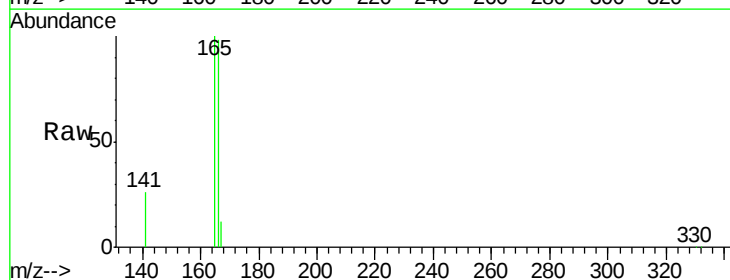
Tgt Ion:166 Resp: 135538

Ion Ratio Lower Upper

166 100

165 98.9 80.8 121.2

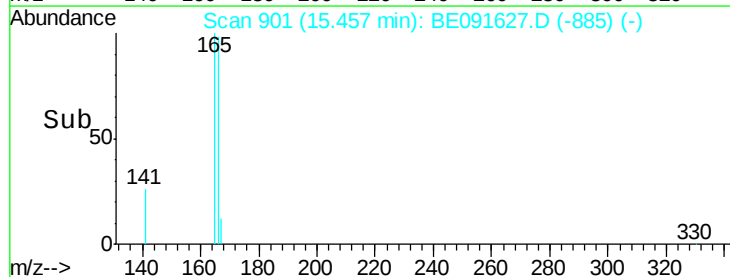
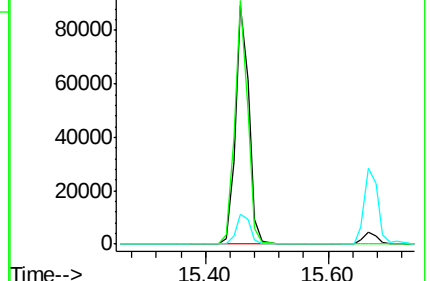
167 13.4 10.9 16.3

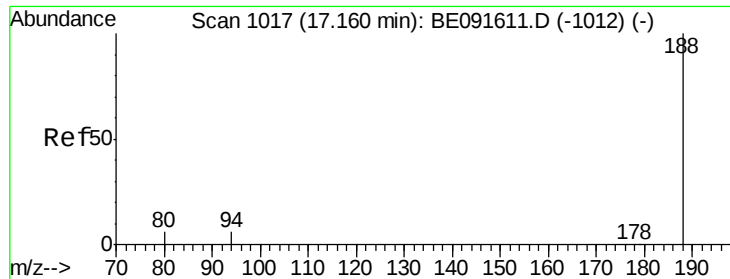


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

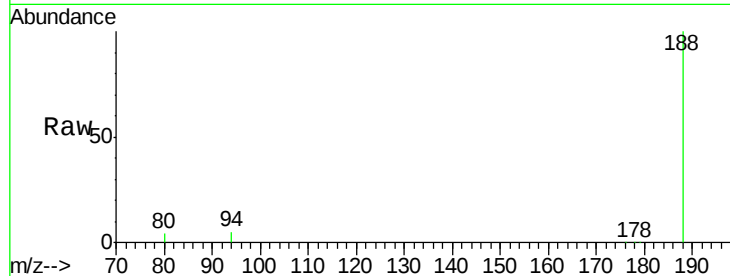
Tgt Ion:188 Resp: 310555

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

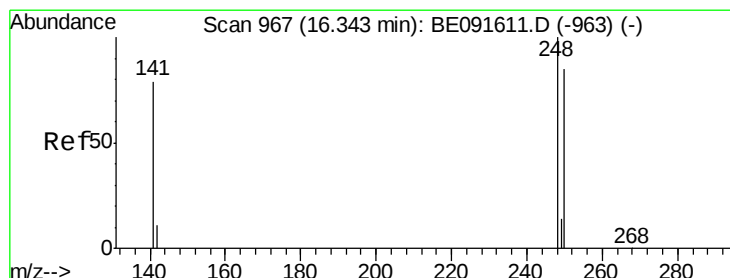
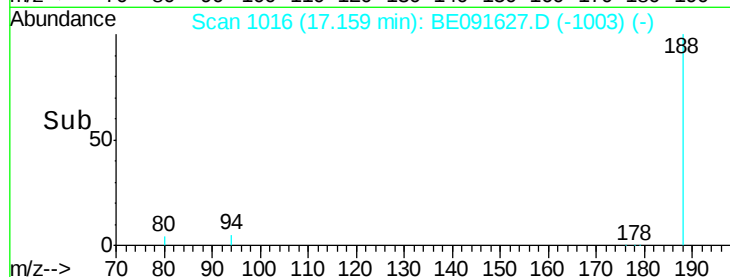
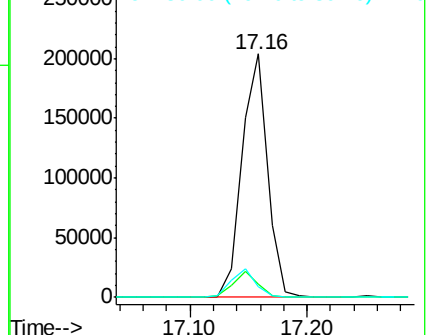
80 4.5 9.4 14.0#



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: 3.48 ng

RT: 16.34 min Scan# 967

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

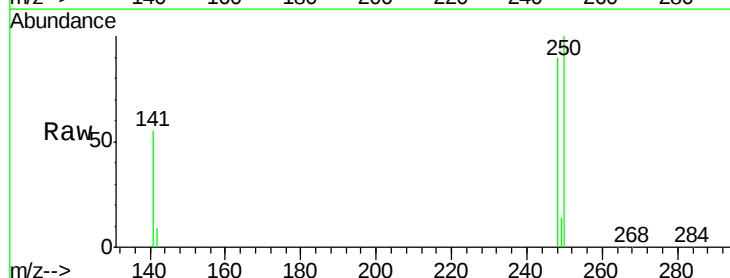
Tgt Ion:248 Resp: 38126

Ion Ratio Lower Upper

248 100

250 97.6 80.5 120.7

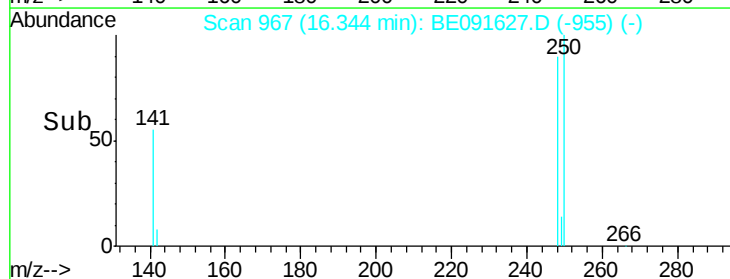
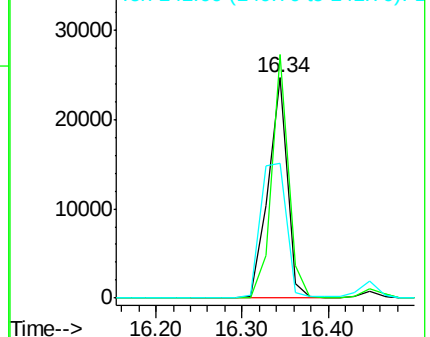
141 83.6 72.0 108.0

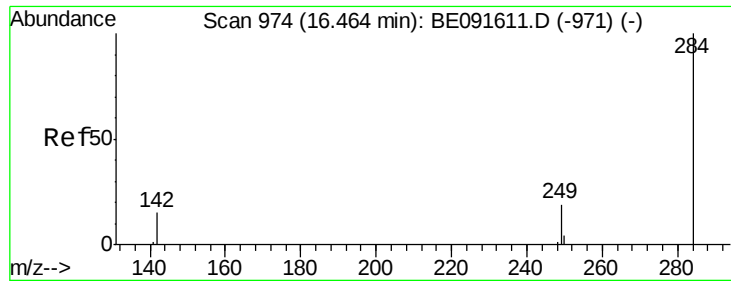


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

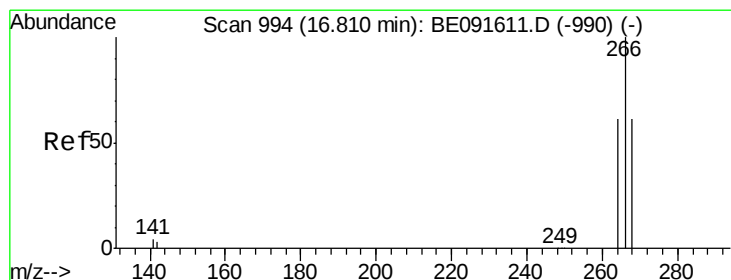
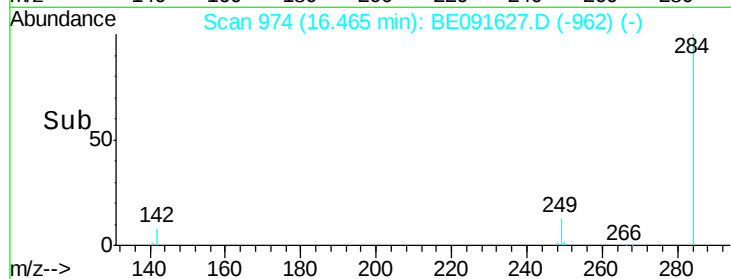
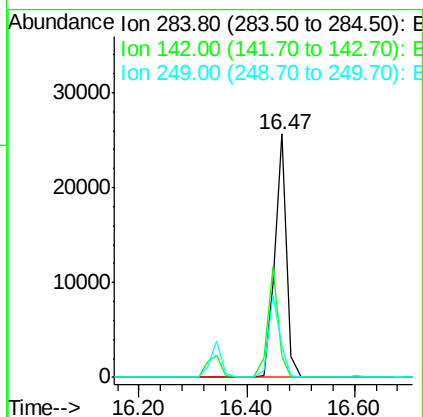
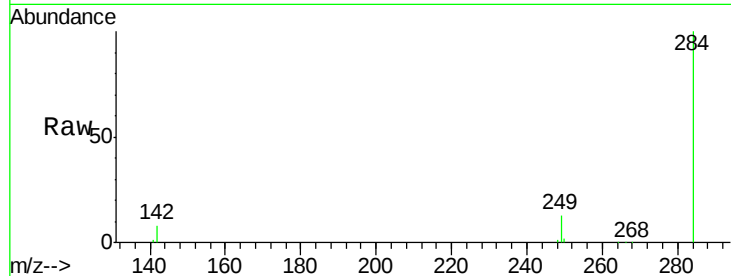




#21
Hexachlorobenzene
Concen: 3.44 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

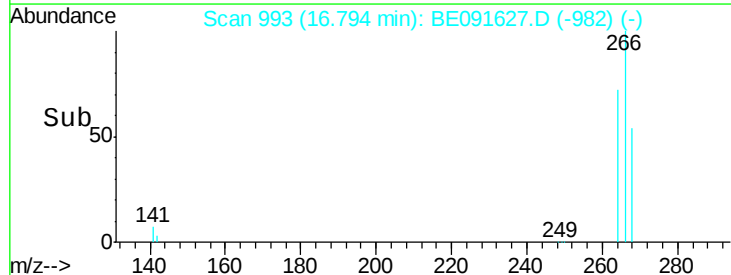
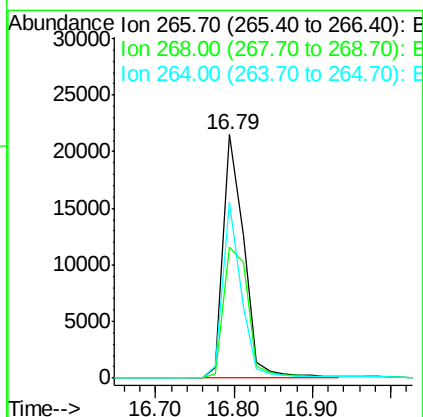
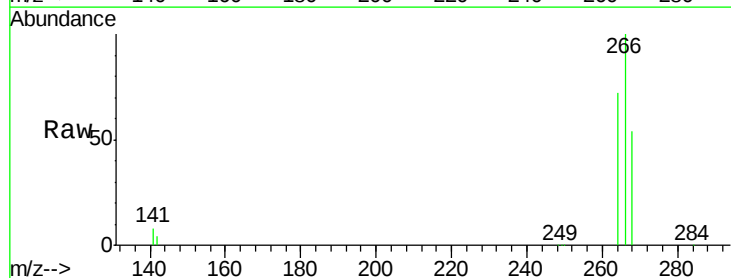
Instrument :
BNA_E
ClientSampleId :
PB89606BSD

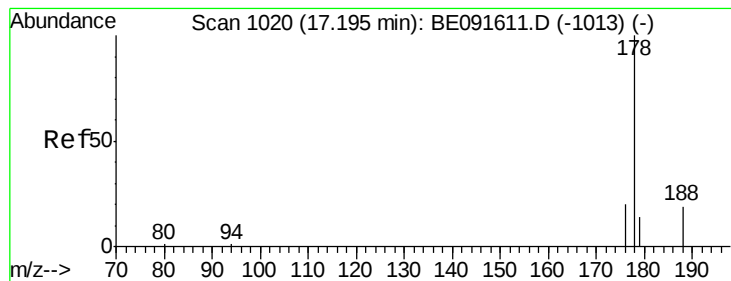
Tgt Ion: 284 Resp: 39126
Ion Ratio Lower Upper
284 100
142 41.8 32.2 48.2
249 33.3 25.4 38.2



#22
Pentachlorophenol
Concen: 6.67 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

Tgt Ion: 266 Resp: 39368
Ion Ratio Lower Upper
266 100
268 53.6 58.2 87.2#
264 72.2 56.2 84.4





#23

Phenanthrene

Concen: 3.50 ng

RT: 17.19 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

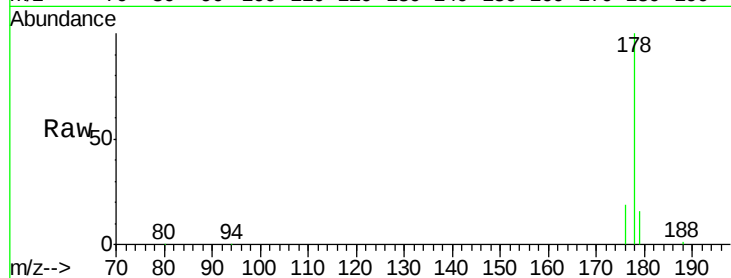
Tgt Ion:178 Resp: 248307

Ion Ratio Lower Upper

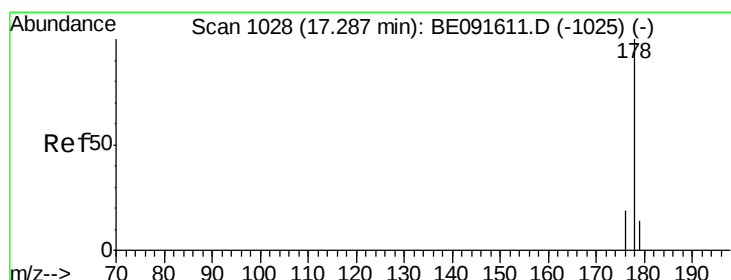
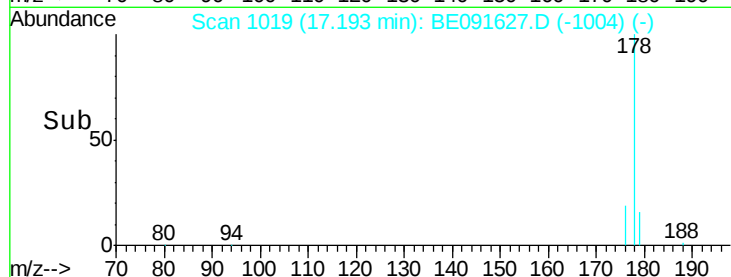
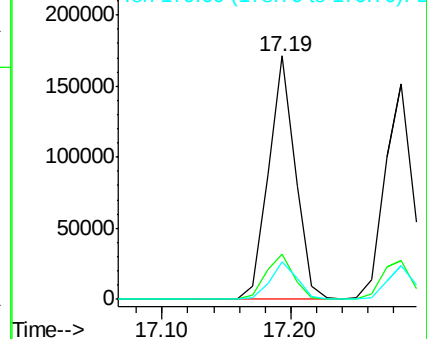
178 100

176 19.3 15.3 22.9

179 15.4 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: 3.69 ng

RT: 17.29 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

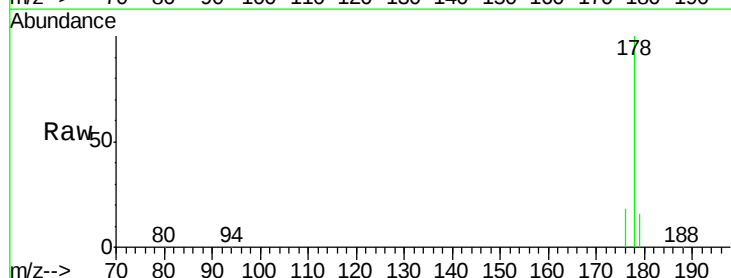
Tgt Ion:178 Resp: 231858

Ion Ratio Lower Upper

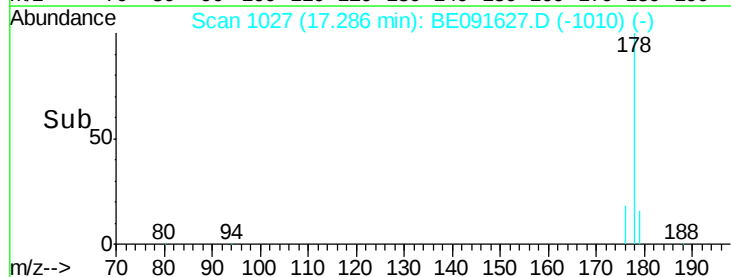
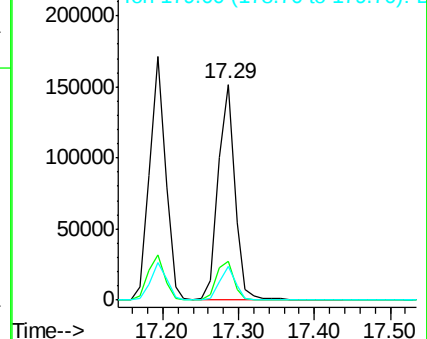
178 100

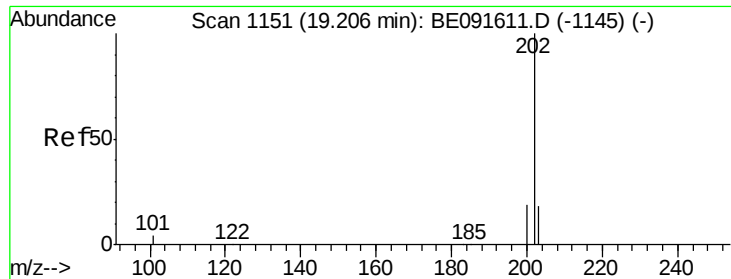
176 19.0 14.6 21.8

179 15.1 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

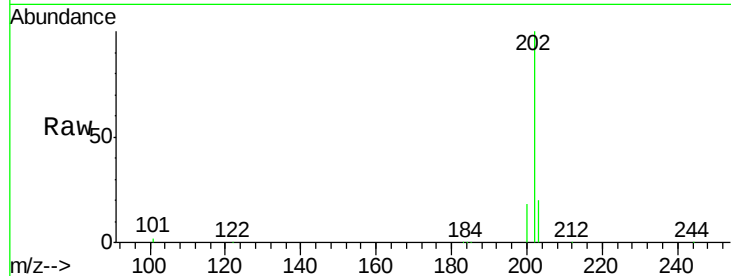




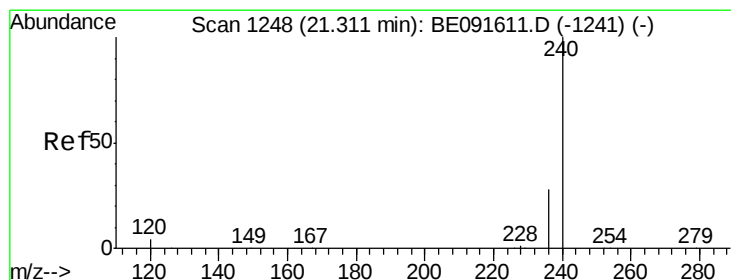
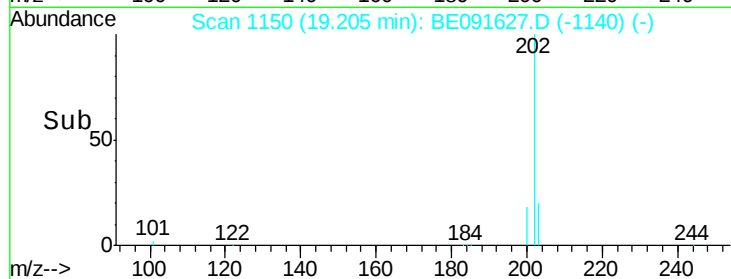
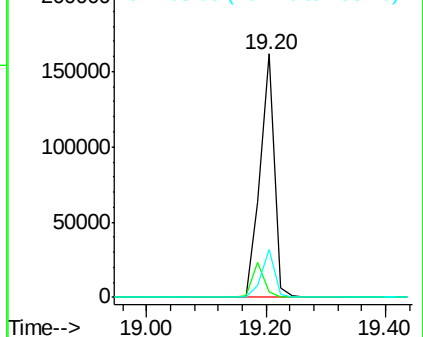
#25
Fluoranthene
Concen: 3.61 ng
RT: 19.20 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

Instrument :
BNA_E
ClientSampleId :
PB89606BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.6
203	18.0	13.9	20.9

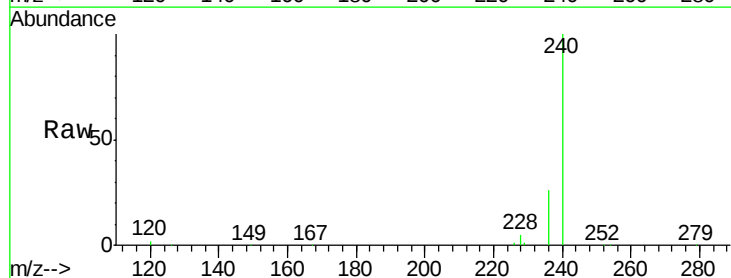


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

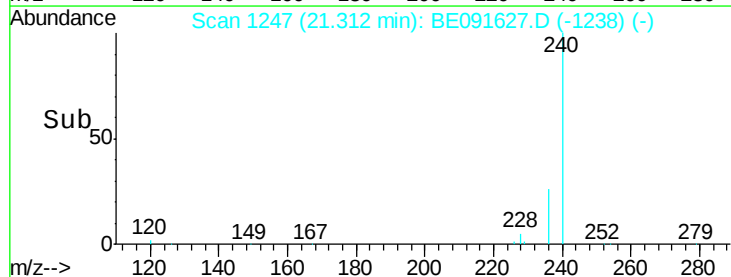
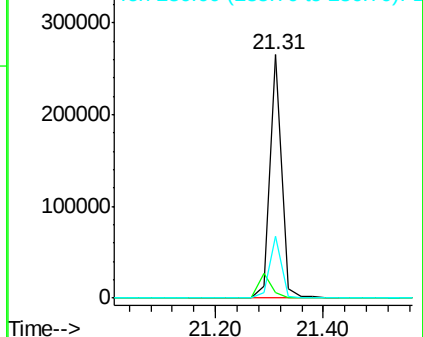


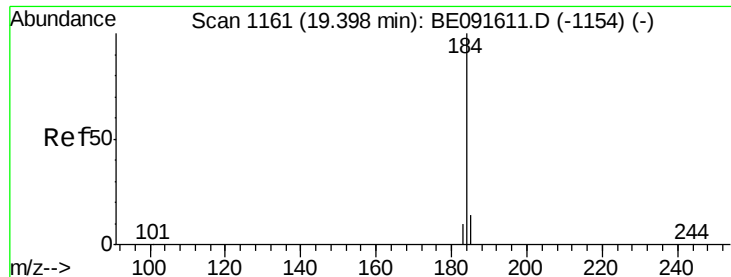
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091627.D
Acq: 11 Apr 2016 14:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	2.0	11.0	16.4#
236	25.6	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: 2.58 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

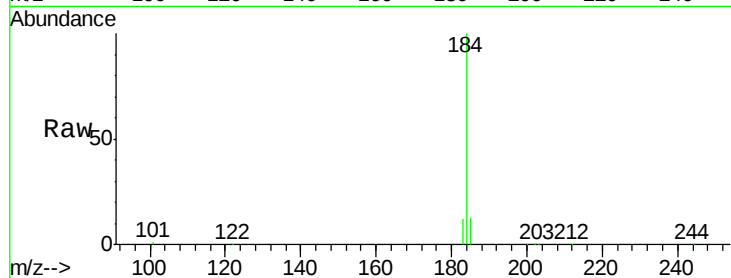
Tgt Ion:184 Resp: 95789

Ion Ratio Lower Upper

184 100

185 12.8 22.3 33.5#

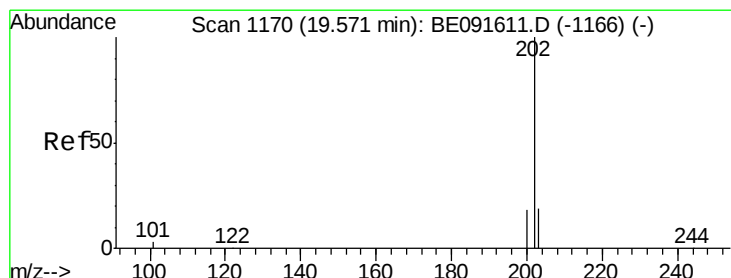
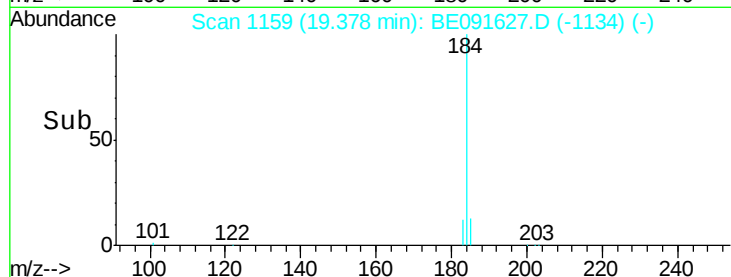
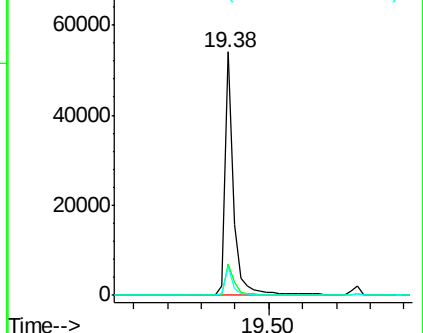
183 11.8 16.4 24.6#



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: 3.61 ng

RT: 19.55 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

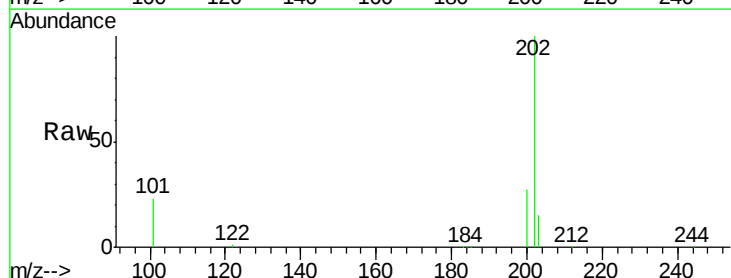
Tgt Ion:202 Resp: 292984

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

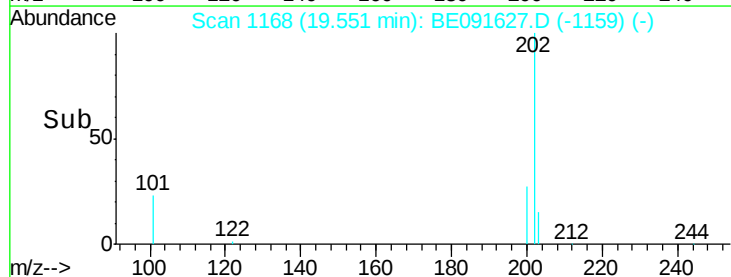
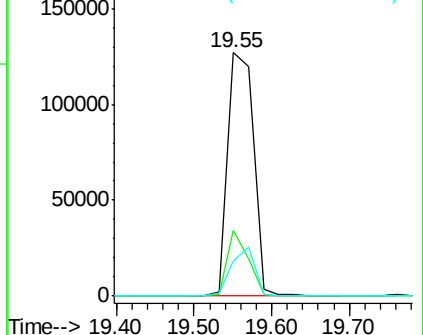
203 18.2 14.0 21.0

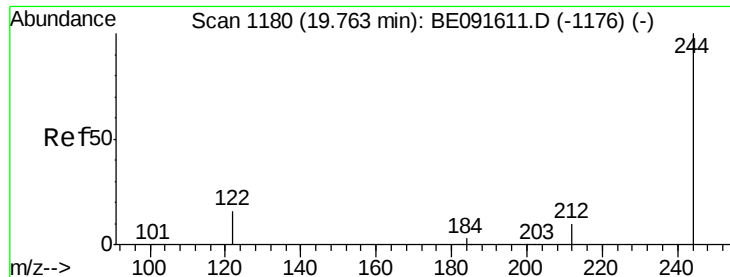


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.97 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

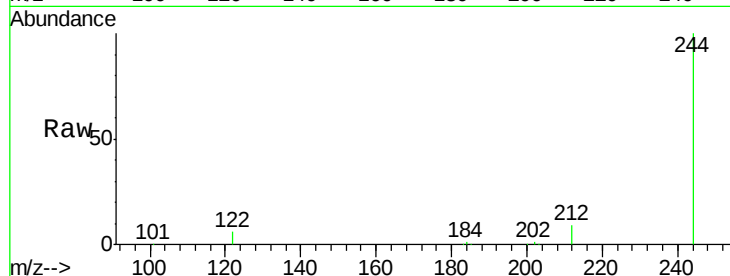
Tgt Ion:244 Resp: 201197

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

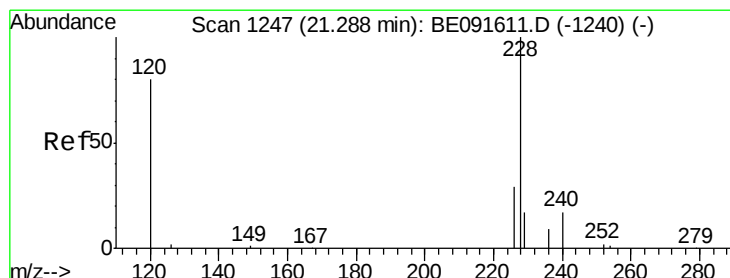
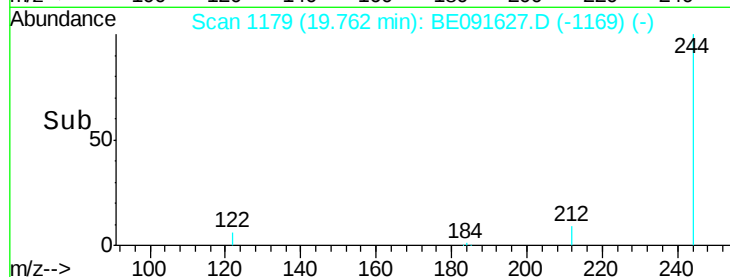
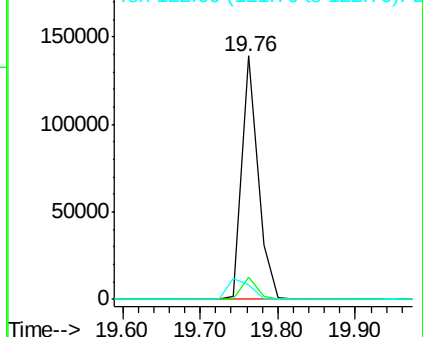
122 6.0 11.0 16.4#



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: 6.96 ng

RT: 21.29 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

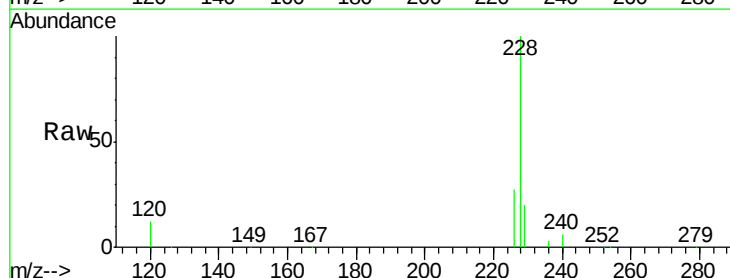
Tgt Ion:228 Resp: 631459

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

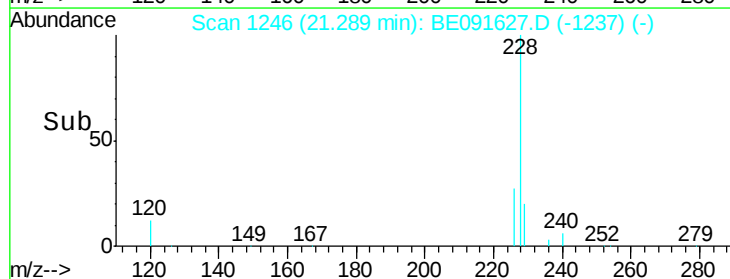
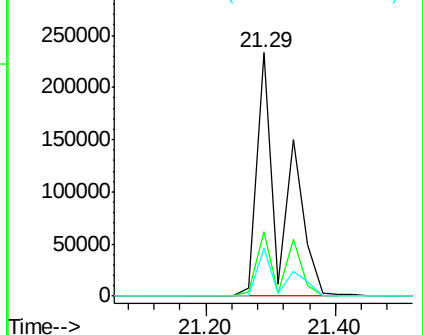
229 19.5 15.7 23.5

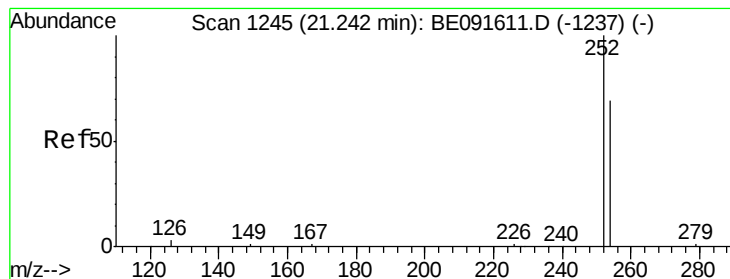


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.03 ng

RT: 21.24 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

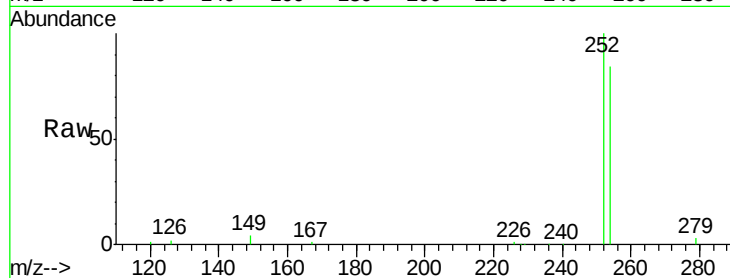
Tgt Ion:252 Resp: 59211

Ion Ratio Lower Upper

252 100

254 83.9 51.1 76.7#

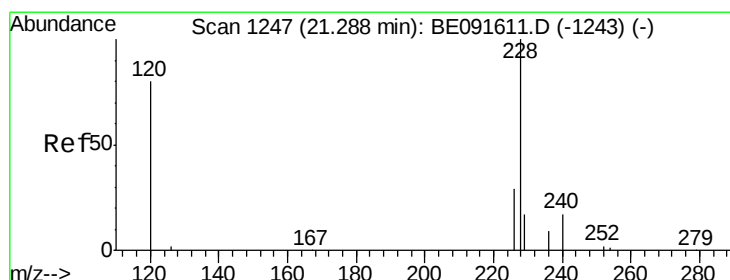
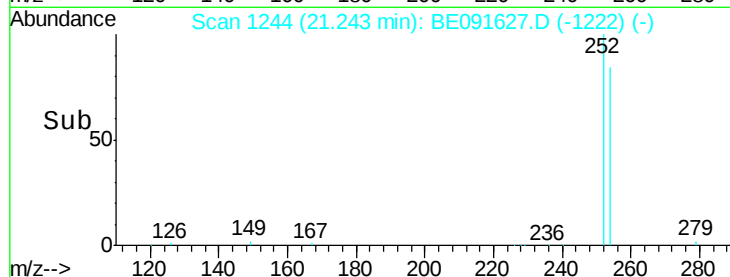
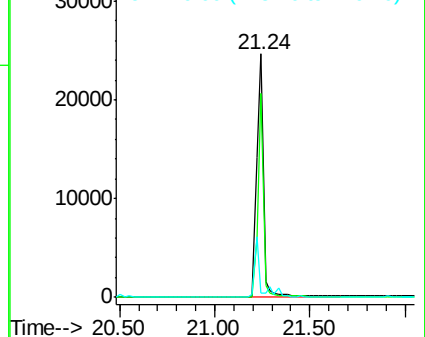
126 1.6 12.6 18.8#



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: 7.70 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.07 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

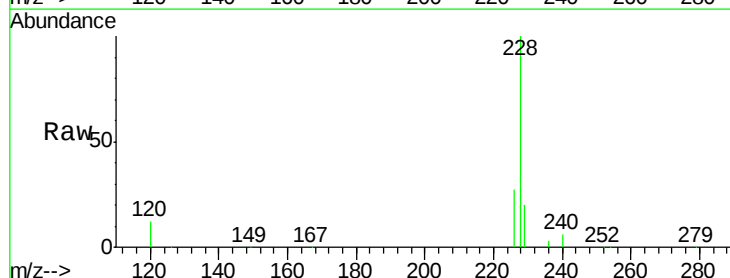
Tgt Ion:228 Resp: 634724

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

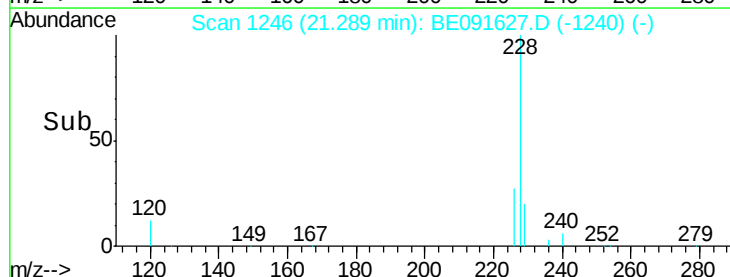
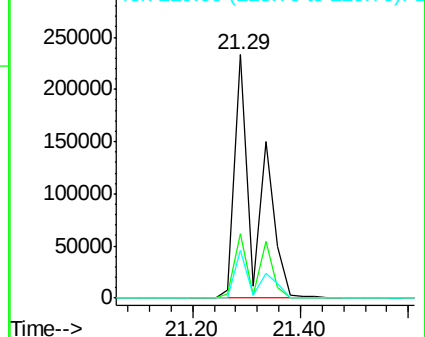
229 19.5 15.9 23.9

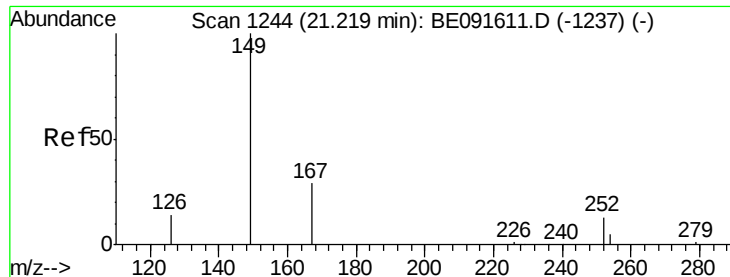


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

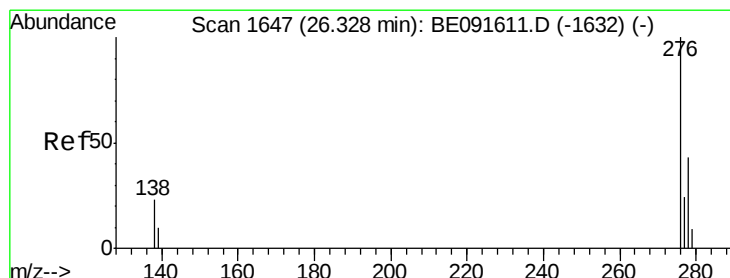
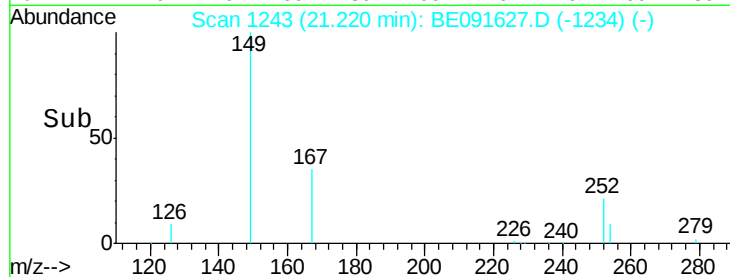
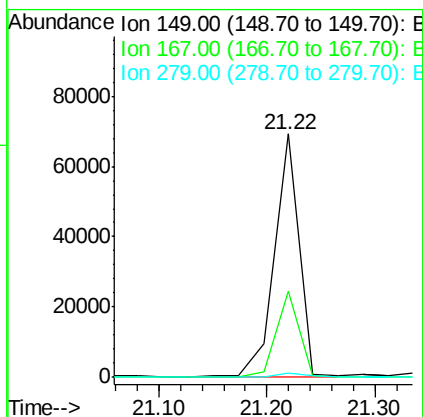
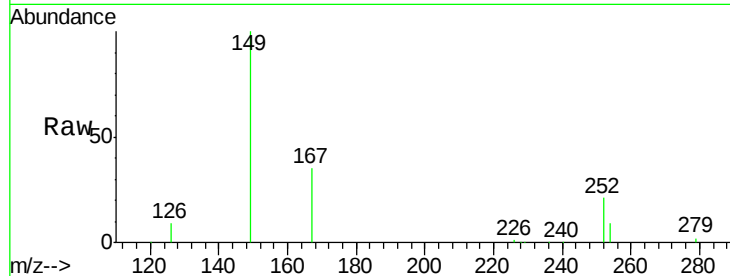




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.85 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091627.D
 Acq: 11 Apr 2016 14:22

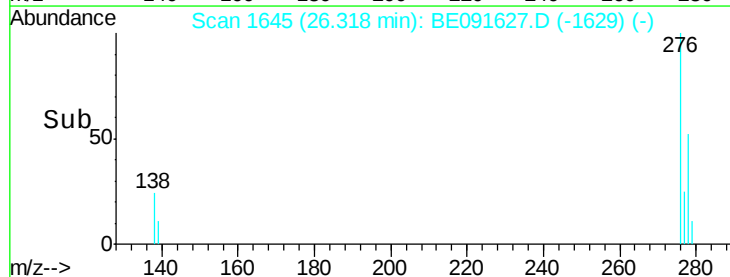
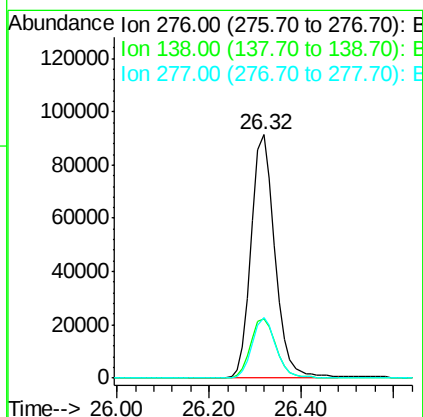
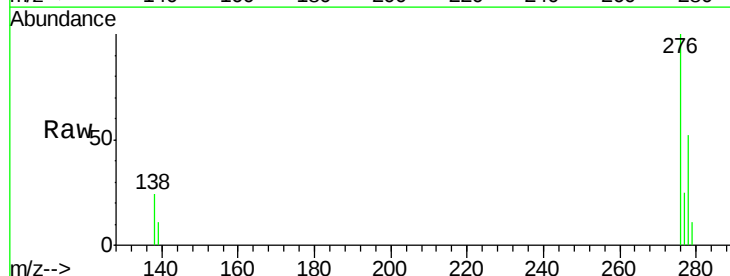
Instrument :
 BNA_E
 ClientSampleId :
 PB89606BSD

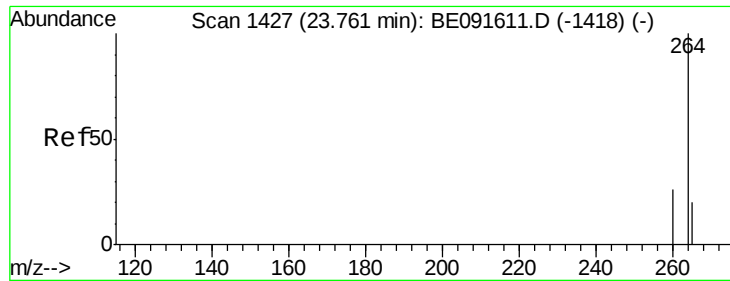
Tgt Ion:149 Resp: 109481
 Ion Ratio Lower Upper
 149 100
 167 33.0 19.5 29.3#
 279 2.3 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.55 ng
 RT: 26.32 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE091627.D
 Acq: 11 Apr 2016 14:22

Tgt Ion:276 Resp: 325938
 Ion Ratio Lower Upper
 276 100
 138 26.1 23.4 35.2
 277 24.9 19.8 29.8

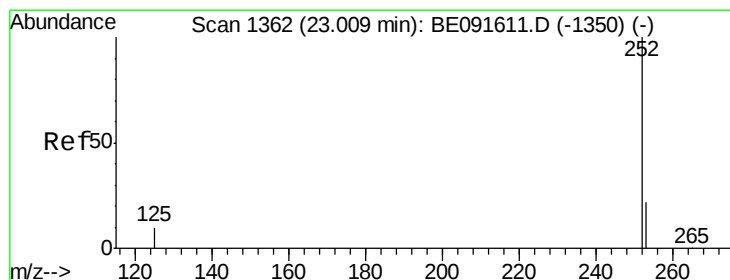
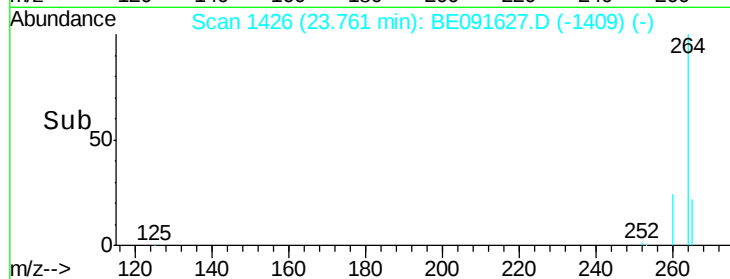
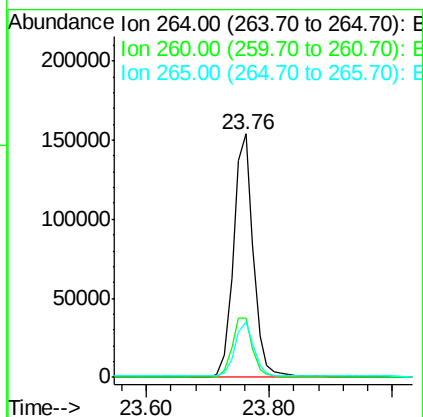
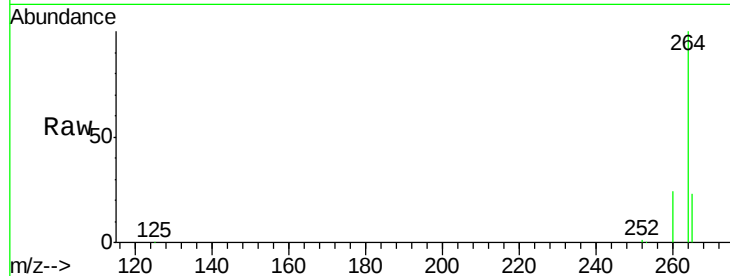




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091627.D
 Acq: 11 Apr 2016 14:22

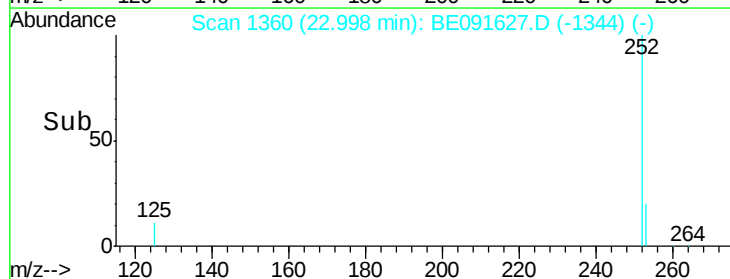
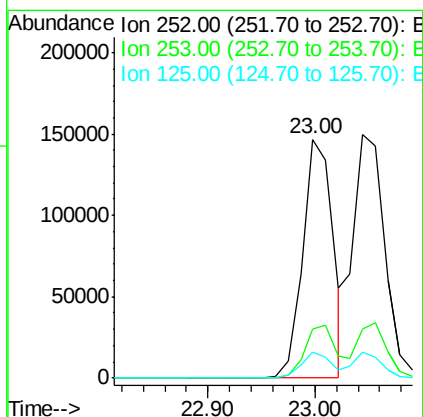
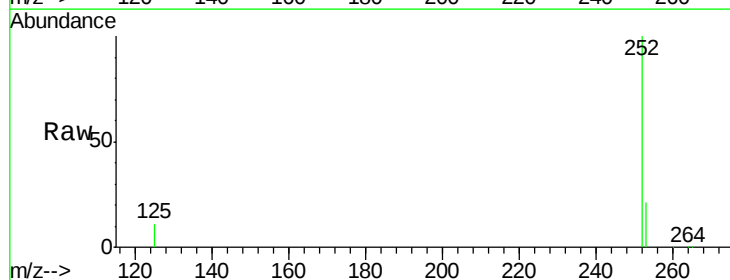
Instrument :
 BNA_E
 ClientSampleId :
 PB89606BSD

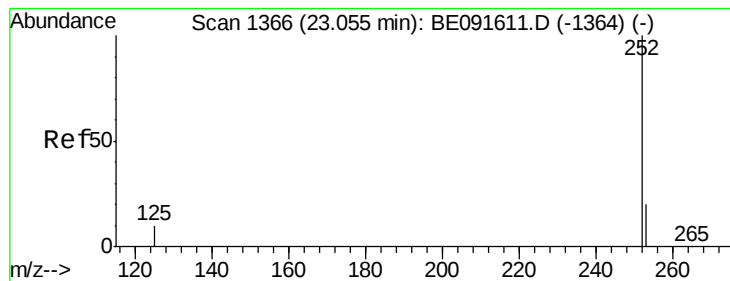
Tgt Ion: 264 Resp: 346493
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 22.6 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 3.54 ng
 RT: 23.00 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091627.D
 Acq: 11 Apr 2016 14:22

Tgt Ion: 252 Resp: 284837
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.4 26.0
 125 10.9 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 3.87 ng

RT: 23.04 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

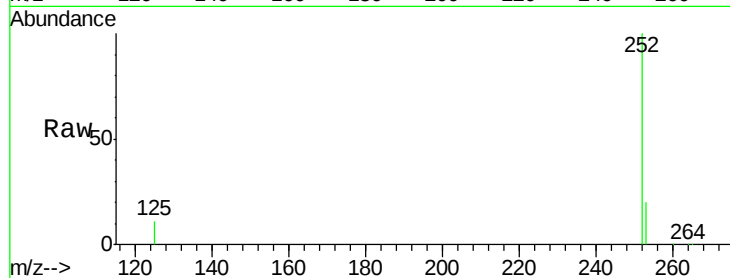
Tgt Ion:252 Resp: 306731

Ion Ratio Lower Upper

252 100

253 20.3 17.6 26.4

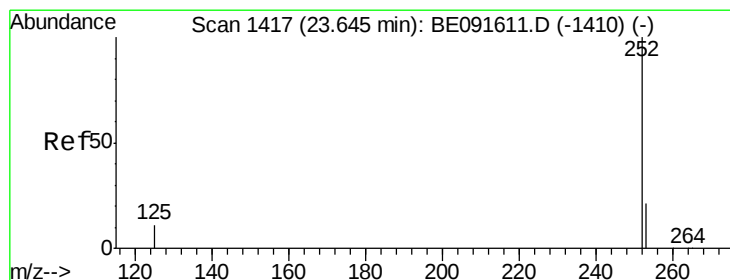
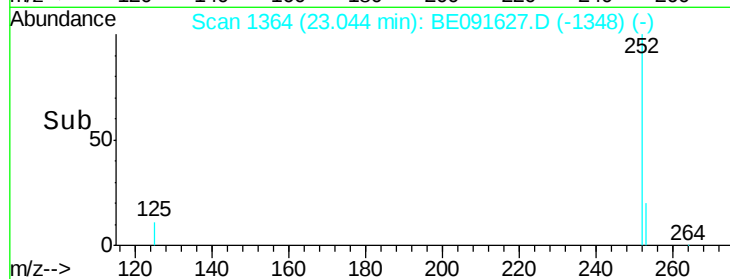
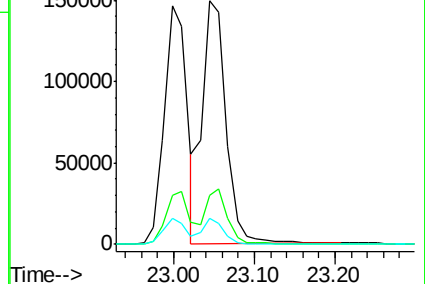
125 10.7 9.9 14.9



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: 3.68 ng

RT: 23.65 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

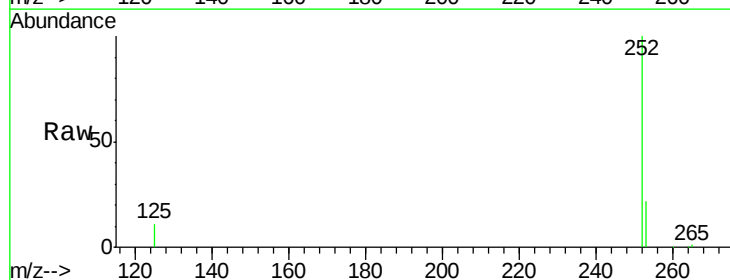
Tgt Ion:252 Resp: 275060

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

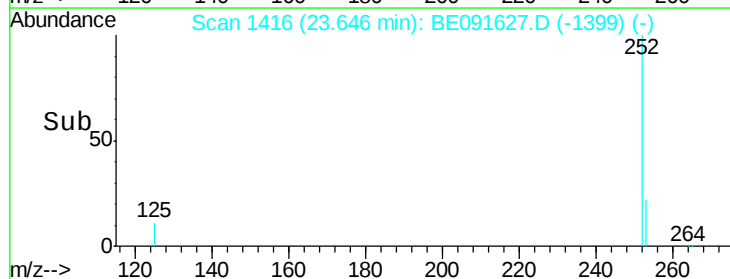
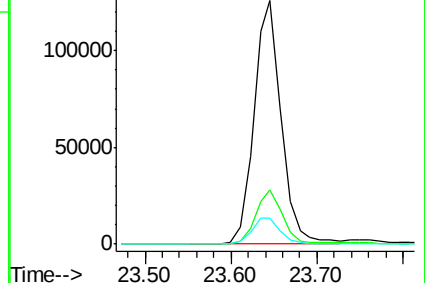
125 10.9 11.0 16.4#

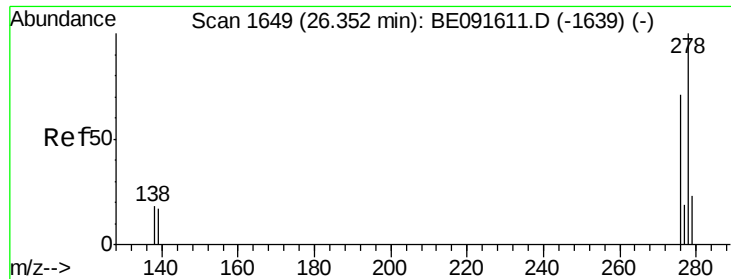


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.71 ng

RT: 26.34 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

Instrument :

BNA_E

ClientSampleId :

PB89606BSD

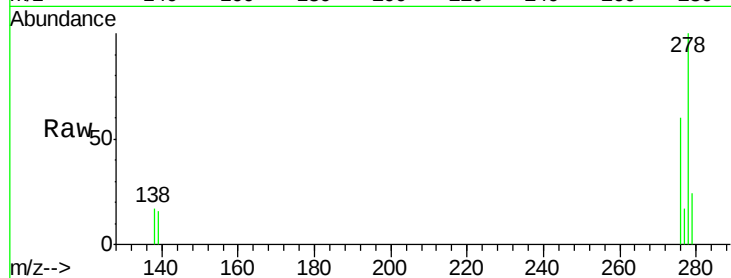
Tgt Ion: 278 Resp: 273147

Ion Ratio Lower Upper

278 100

139 15.9 16.0 24.0#

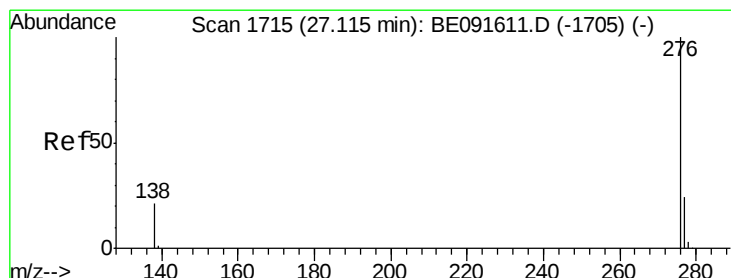
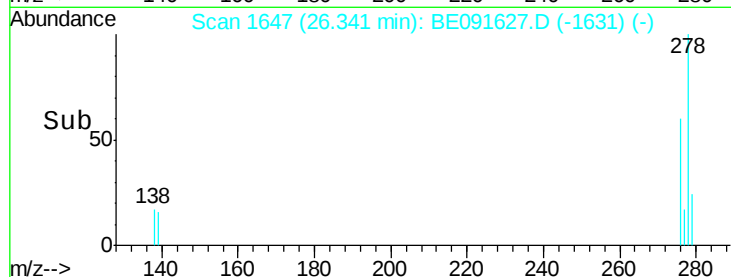
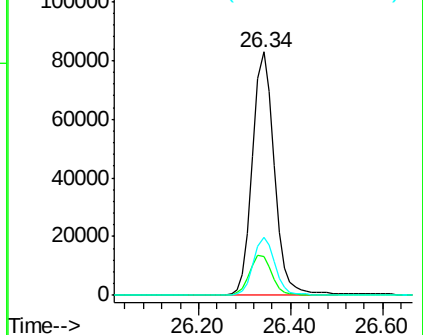
279 24.0 19.4 29.2



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: 3.55 ng

RT: 27.10 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091627.D

Acq: 11 Apr 2016 14:22

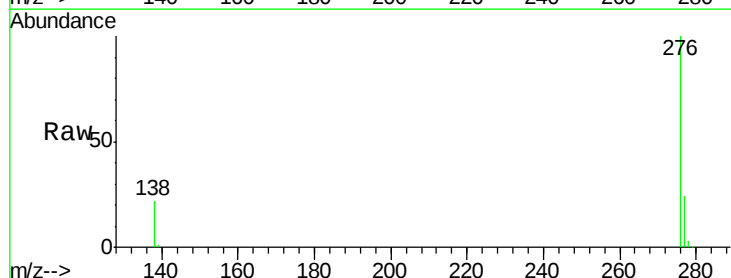
Tgt Ion: 276 Resp: 269355

Ion Ratio Lower Upper

276 100

277 24.1 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

