

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093939.D
 Acq On : 5 Sep 2017 16:30
 Operator : SJ/JU
 Sample : PB102046BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102046BL

Quant Time: Sep 06 05:26:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	20	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	29	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	35	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	41	0.40	ng	0.00
27) Chrysene-d12	21.43	240	103	0.40	ng	0.00
34) Perylene-d12	23.94	264	56	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	9	0.14	ng	-0.01
5) Phenol-d6	7.13	99	9	0.09	ng	0.01
8) Nitrobenzene-d5	9.08	82	4	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	1	0.02	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	2	0.18	ng	0.03
15) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
25) Fluoranthene-d10	19.30	212	103	0.17	ng	0.01
29) Terphenyl-d14	0.00	244	0	0.00	ng	

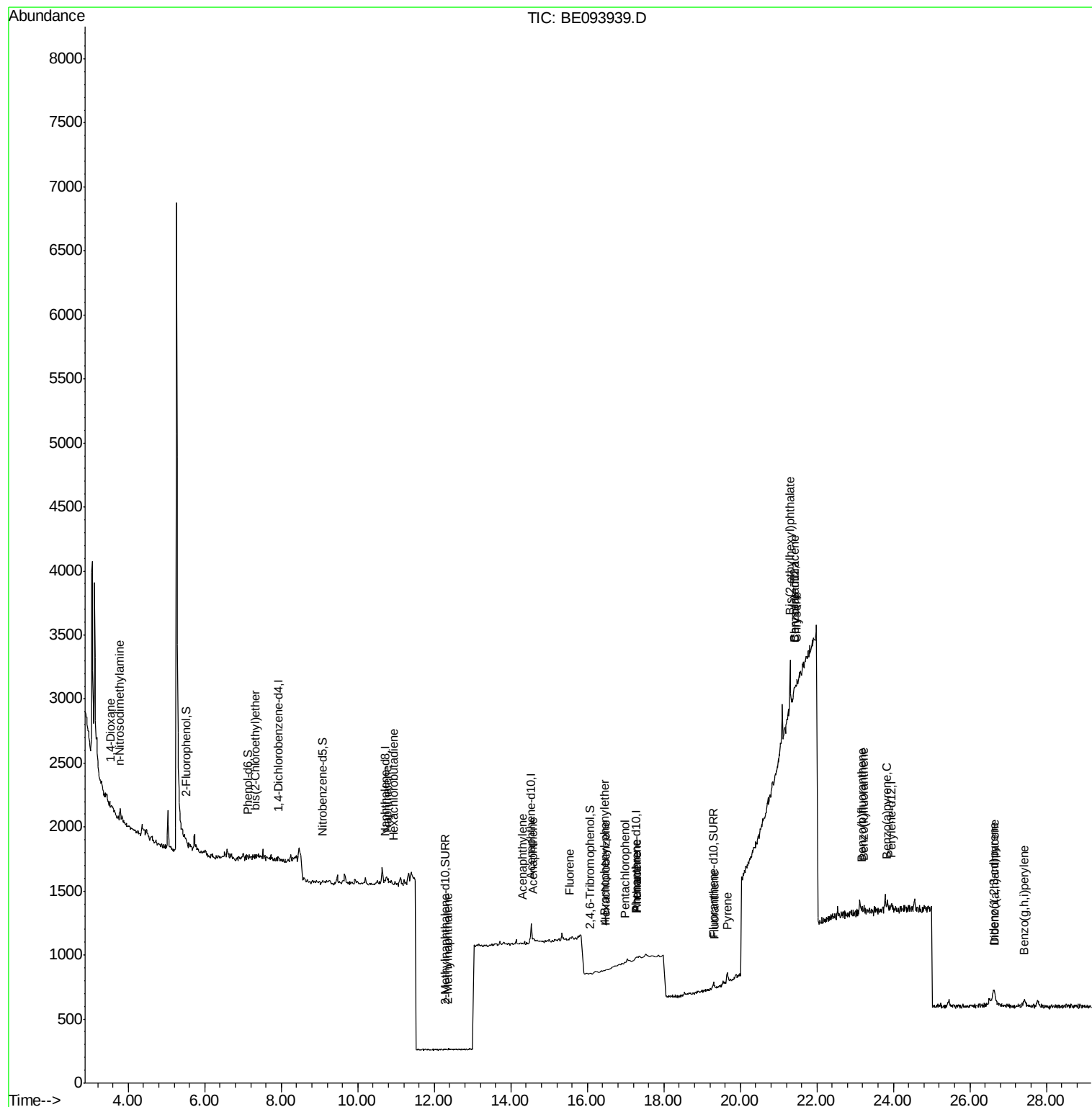
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	23	0.834	ng	# 18
3) n-Nitrosodimethylamine	3.78	42	33	1.022	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	13	0.164	ng	# 1
9) Naphthalene	10.76	128	117	0.352	ng	# 49
10) Hexachlorobutadiene	10.94	225	3	0.248	ng	# 1
12) 2-Methylnaphthalene	12.36	142	2	0.036	ng	# 43
16) Acenaphthylene	14.32	152	8	0.046	ng	# 50
17) Acenaphthene	14.58	154	10	0.085	ng	# 53
18) Fluorene	15.53	166	12	0.079	ng	# 5
20) 4-Bromophenyl-phenylether	16.45	248	4	0.111	ng	# 41
21) Hexachlorobenzene	16.49	284	6	0.248	ng	# 100
22) Pentachlorophenol	16.98	266	12	1.846	ng	# 68
23) Phenanthrene	17.30	178	92	0.796	ng	# 52
24) Anthracene	17.30	178	92	0.737	ng	# 84
26) Fluoranthene	19.32	202	33	0.181	ng	# 1
28) Pyrene	19.67	202	59	0.166	ng	# 80
30) Benzo(a)anthracene	21.42	228	79	0.250	ng	# 1
31) Chrysene	21.46	228	59	0.176	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.30	149	762	0.992	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.61	276	90	0.403	ng	# 74
35) Benzo(b)fluoranthene	23.17	252	31	0.174	ng	# 1
36) Benzo(k)fluoranthene	23.22	252	55	0.252	ng	# 1
37) Benzo(a)pyrene	23.83	252	12	0.066	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	247	2.051	ng	# 1
39) Benzo(g,h,i)perylene	27.42	276	53	0.417	ng	# 1

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

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QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

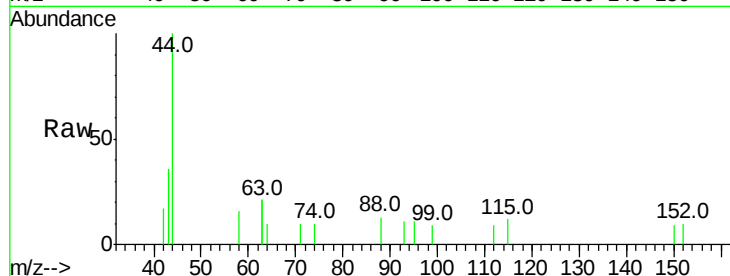
Tot Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

150 92.6 121.8 182.6#

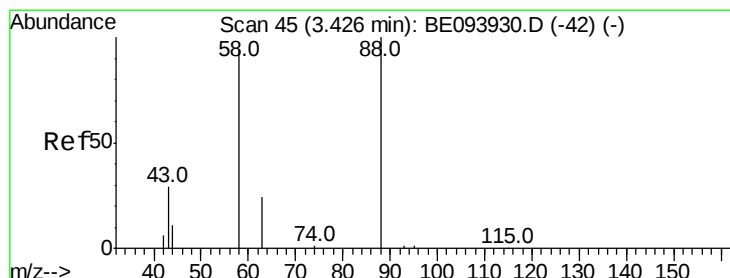
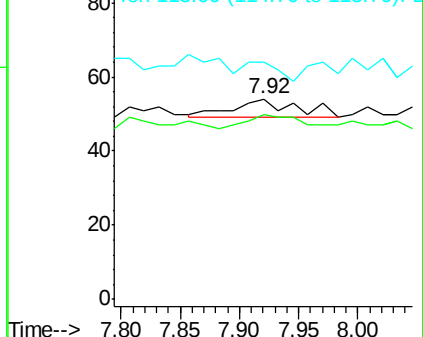
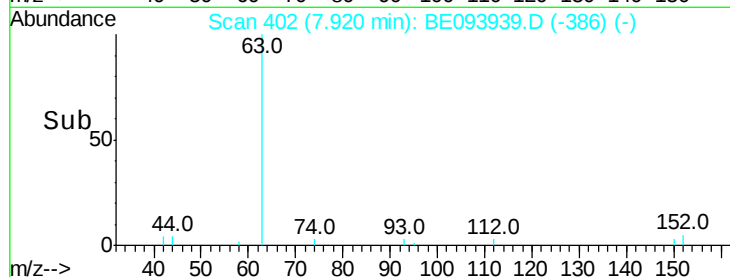
115 118.5 52.6 79.0#



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: 0.834 ng

RT: 3.54 min Scan# 54

Delta R.T. 0.11 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

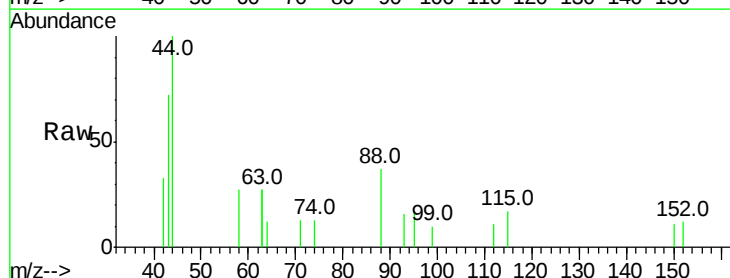
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

58 0.0 65.4 98.0#

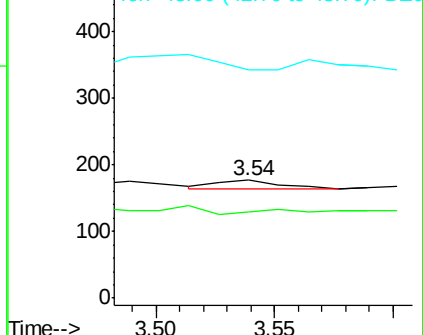
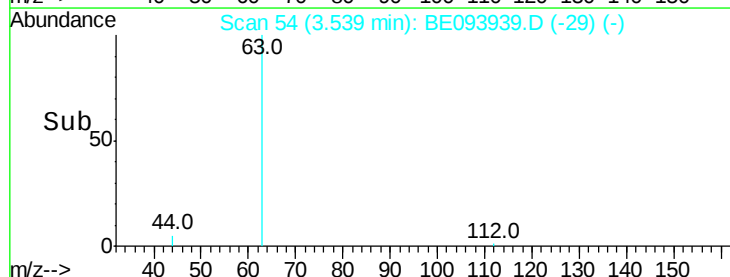
43 0.0 23.9 35.9#



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: 1.022 ng

RT: 3.78 min Scan# 73

Delta R.T. 0.03 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

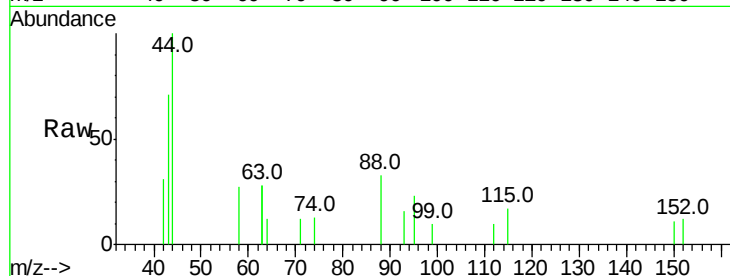
Tot Ion: 42 Resp: 33

Ion Ratio Lower Upper

42 100

74 0.0 104.0 156.0#

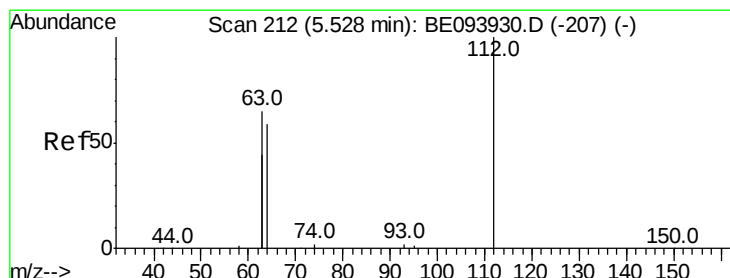
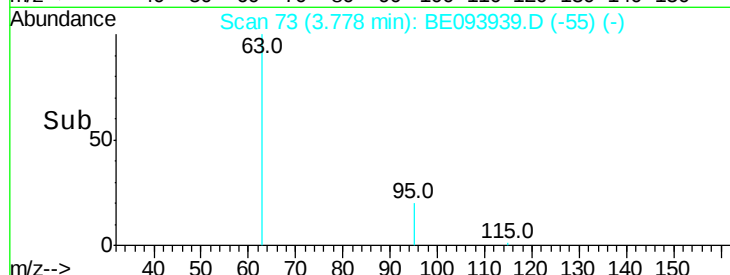
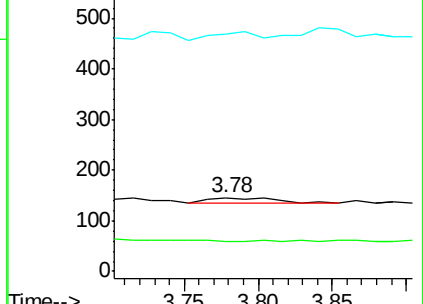
44 112.1 13.8 20.8#



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: 0.139 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

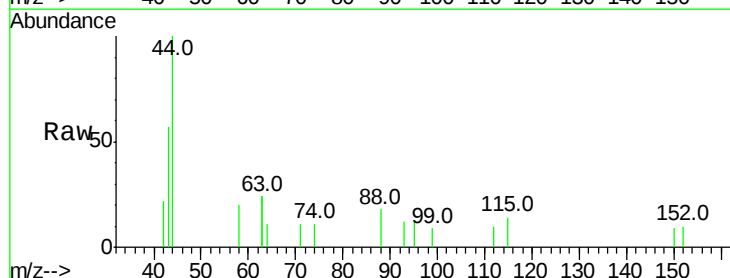
Tgt Ion: 112 Resp: 9

Ion Ratio Lower Upper

112 100

64 0.0 57.7 86.5#

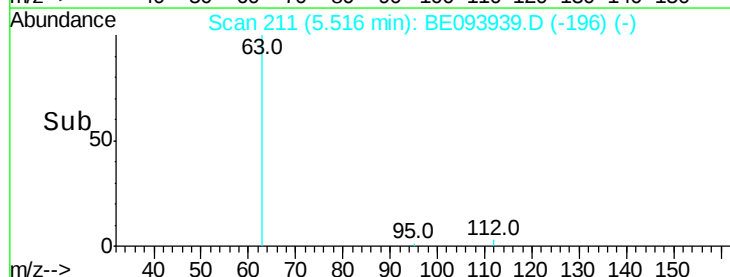
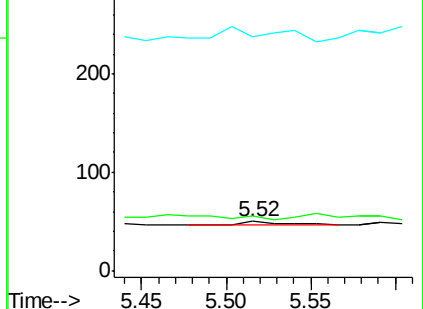
63 488.9 116.0 174.0#

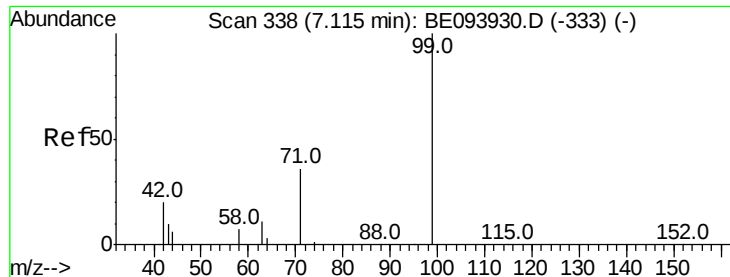


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.093 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

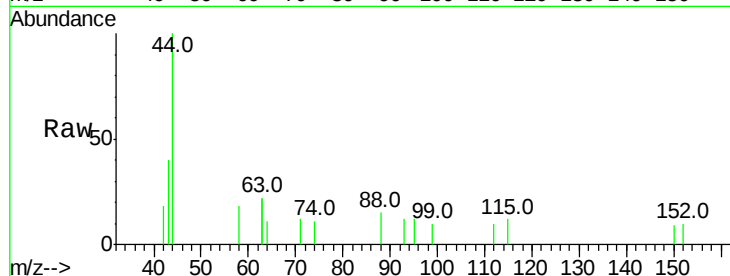
Tot Ion: 99 Resp: 9

Ion Ratio Lower Upper

99 100

42 0.0 17.1 25.7#

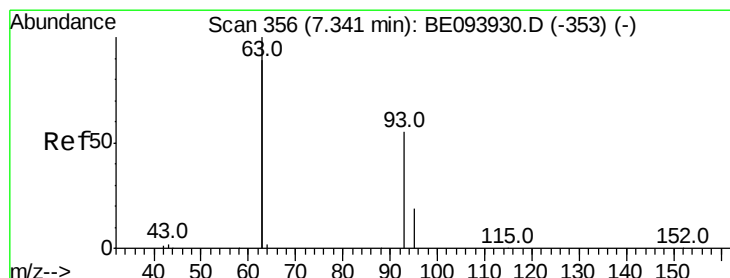
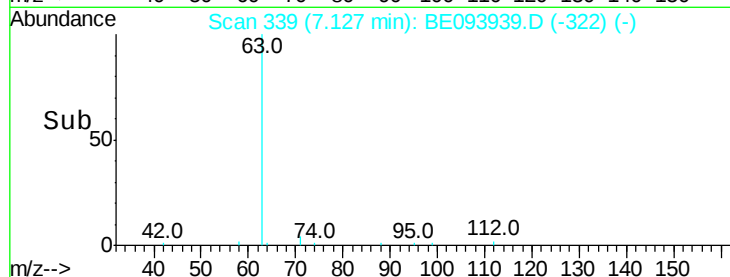
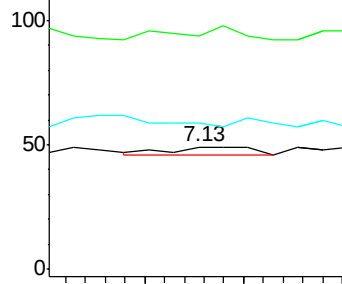
71 0.0 26.6 39.8#



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: 0.164 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

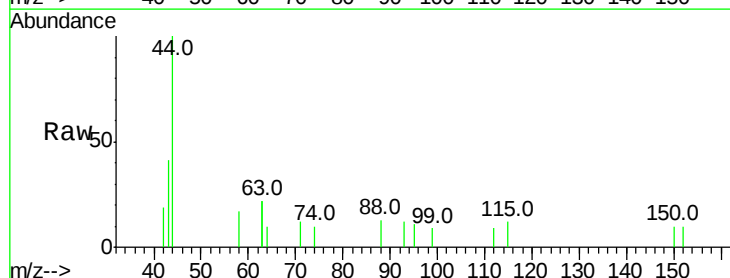
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 0.0 283.4 425.2#

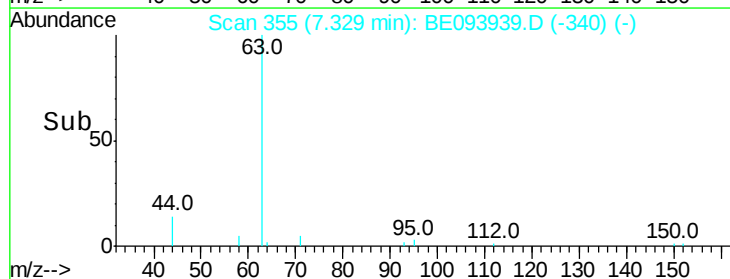
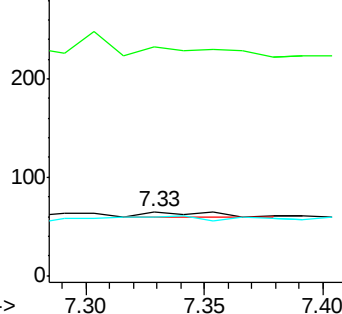
95 138.5 26.9 40.3#

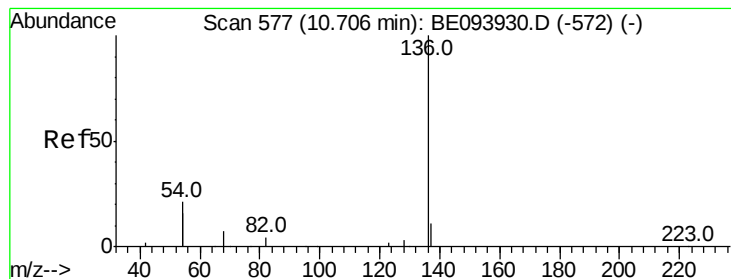


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

Tot Ion:136 Resp: 29

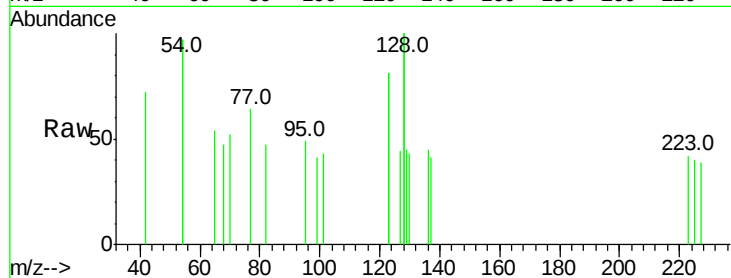
Ion Ratio Lower Upper

136 100

137 90.4 9.2 13.8#

54 430.8 21.9 32.9#

68 105.8 4.6 7.0#

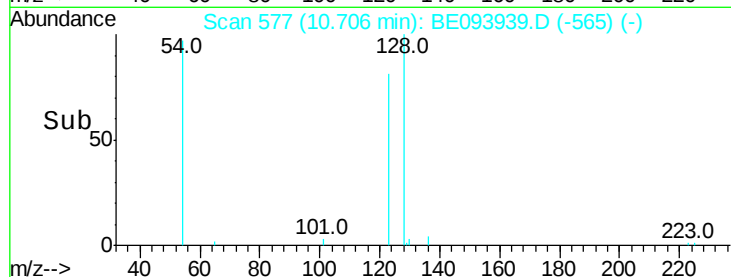


Abundance Ion 136.00 (135.70 to 136.70): E

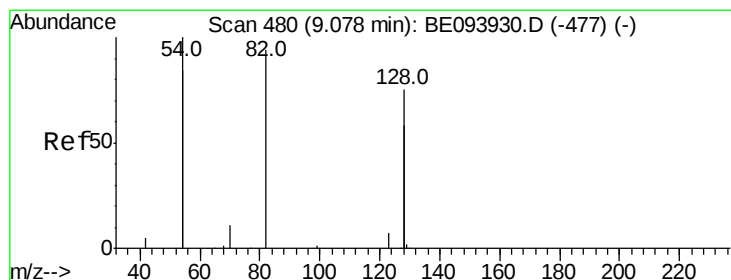
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.60 10.70 10.80



#8

Nitrobenzene-d5

Concen: 0.163 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

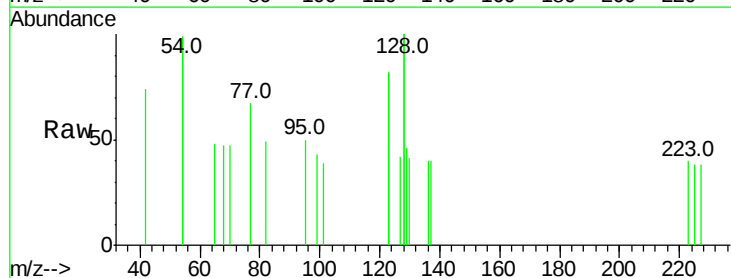
Tgt Ion: 82 Resp: 4

Ion Ratio Lower Upper

82 100

128 410.5 91.4 137.0#

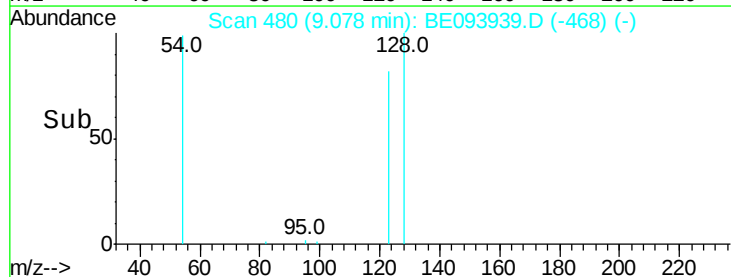
54 407.0 197.8 296.8#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 9.04 9.06 9.08 9.10 9.12



#9

Naphthalene

Concen: 0.352 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

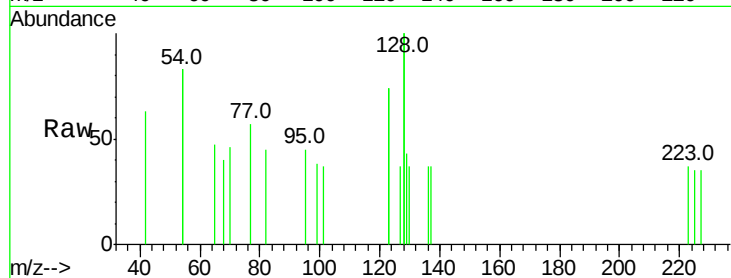
Tot Ion:128 Resp: 117

Ion Ratio Lower Upper

128 100

129 21.4 2.5 3.7#

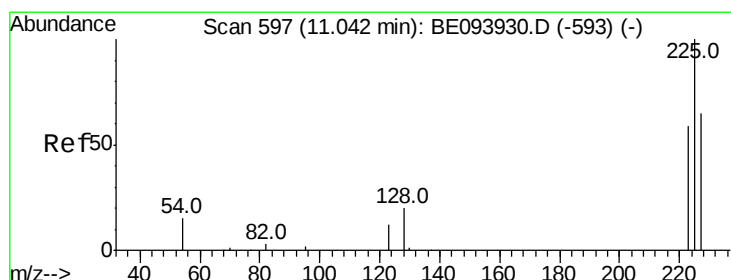
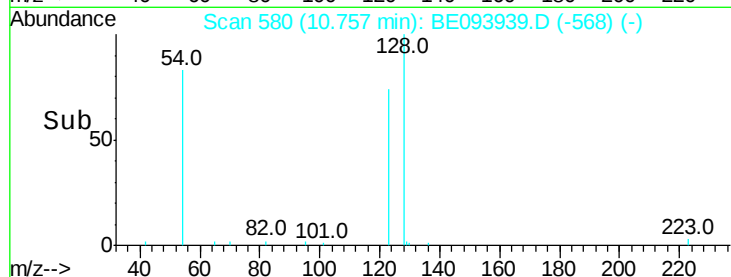
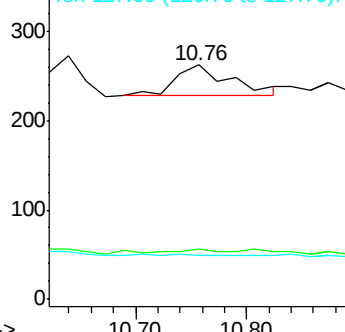
127 18.7 2.6 4.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.248 ng

RT: 10.94 min Scan# 591

Delta R.T. -0.10 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

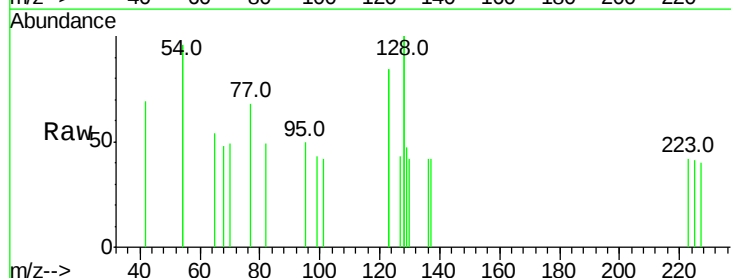
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 233.3 49.4 74.0#

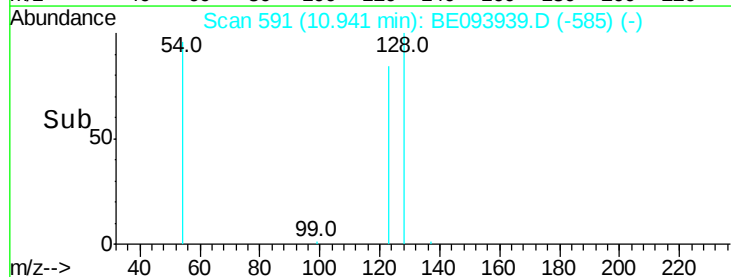
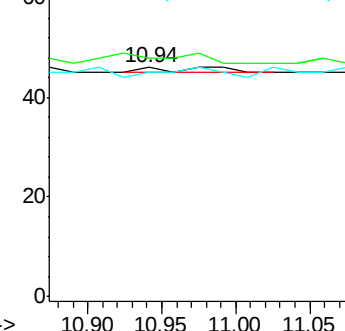
227 0.0 50.5 75.7#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.022 ng

RT: 12.30 min Scan# 828

Delta R.T. 0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

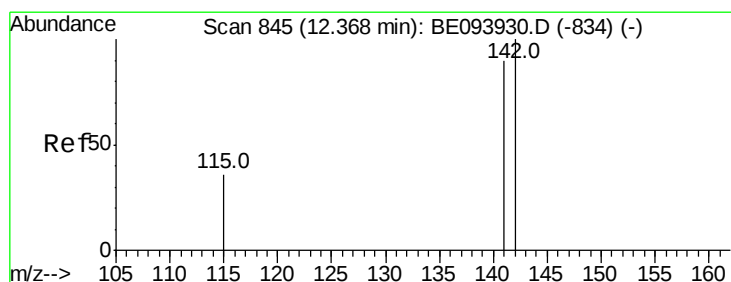
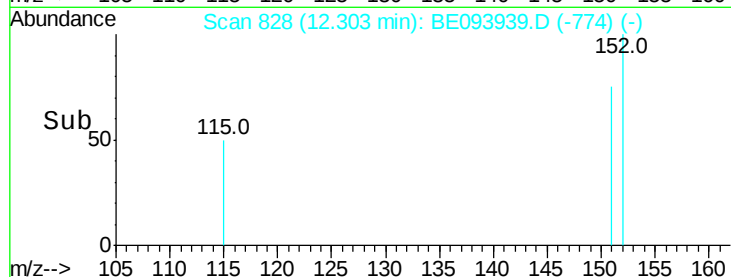
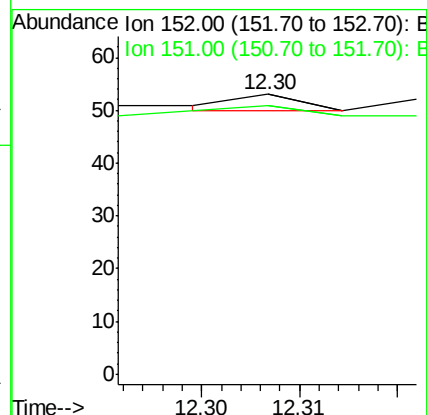
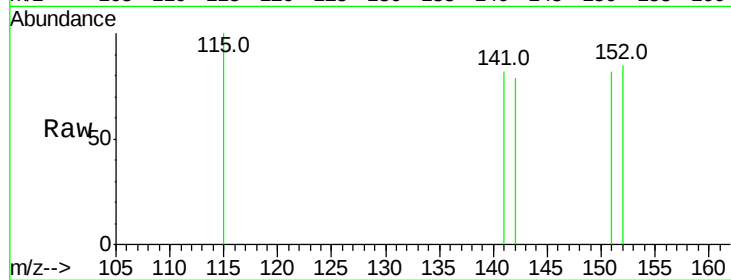
PB102046BL

Tot Ion:152 Resp: 1

Ion Ratio Lower Upper

152 100

151 200.0 15.4 23.0#



#12

2-Methylnaphthalene

Concen: 0.036 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

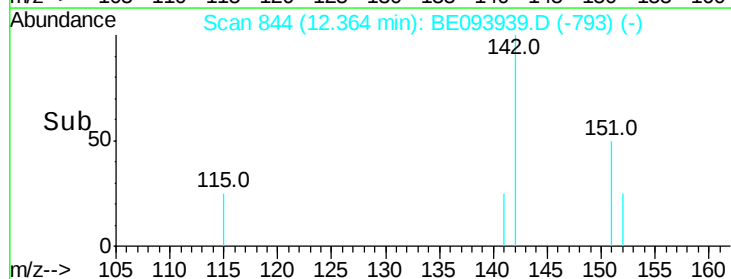
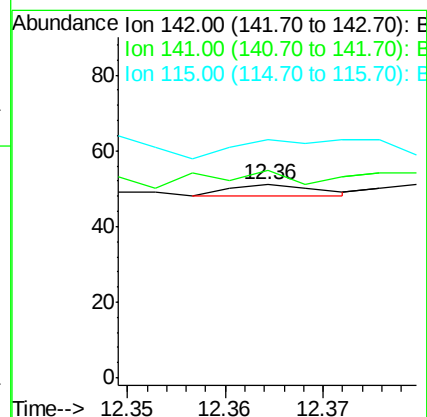
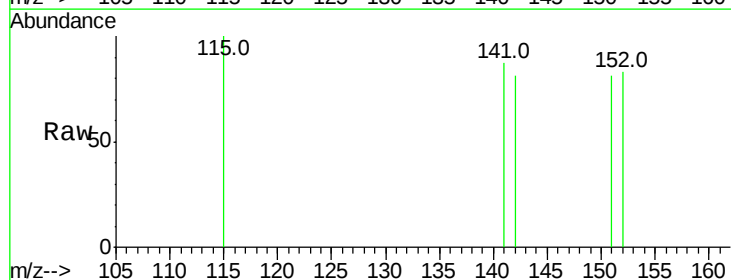
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 107.8 71.4 107.2#

115 123.5 29.4 44.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

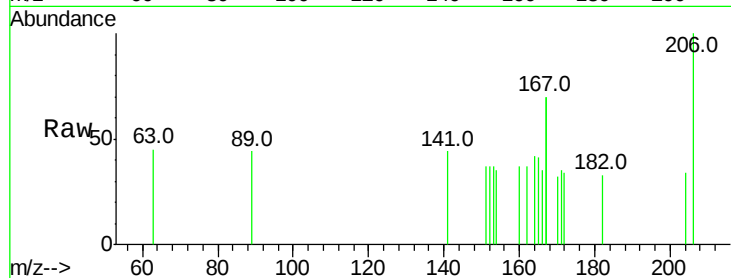
Tot Ion:164 Resp: 35

Ion Ratio Lower Upper

164 100

162 86.7 80.8 121.2

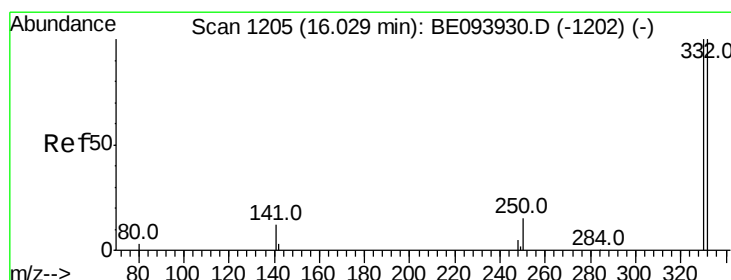
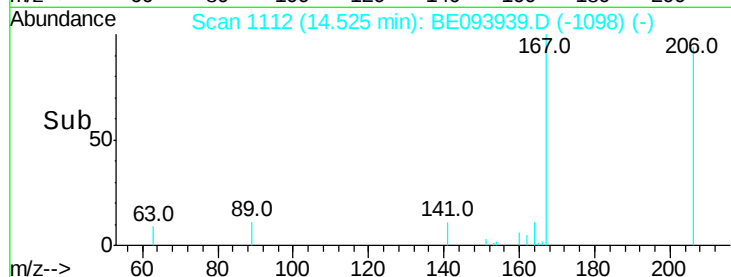
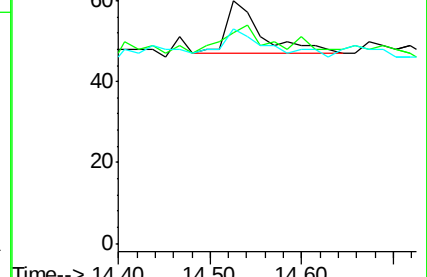
160 88.3 37.0 55.4#



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: 0.185 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

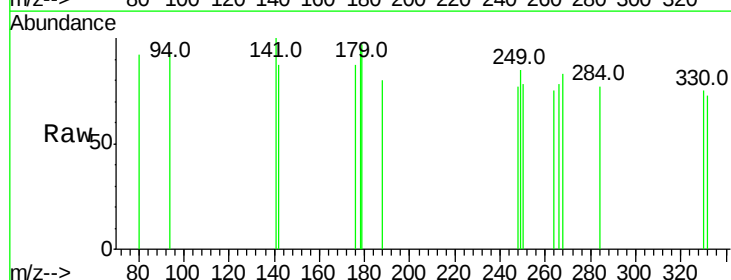
Tgt Ion:330 Resp: 2

Ion Ratio Lower Upper

330 100

332 0.0 76.9 115.3#

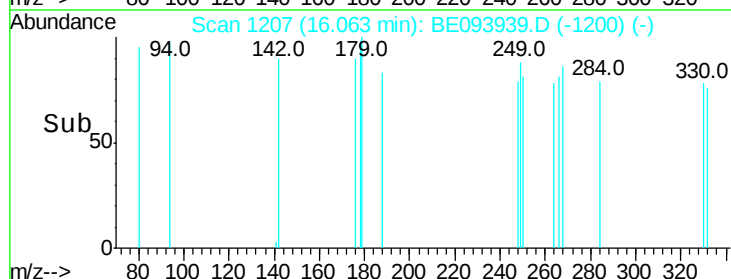
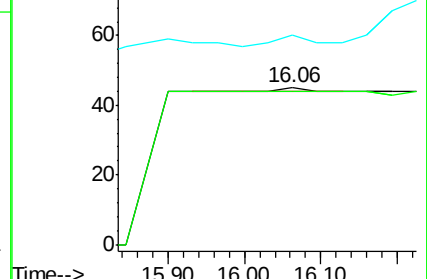
141 500.0 0.0 0.0#

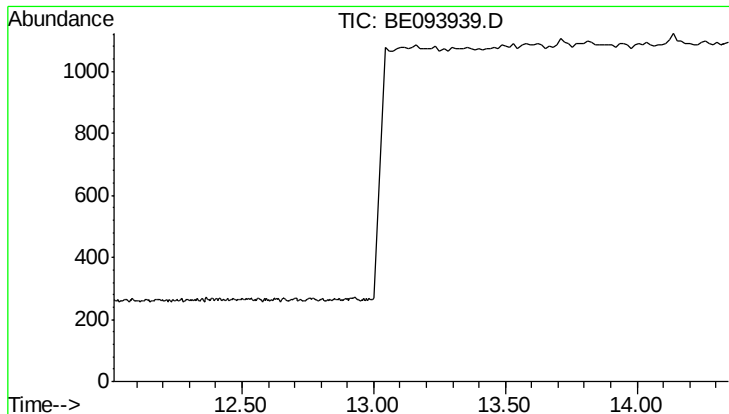


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

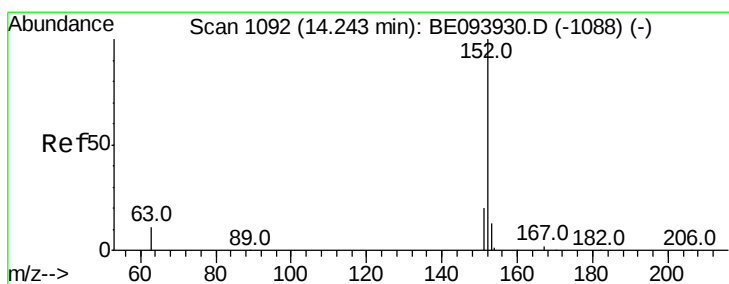
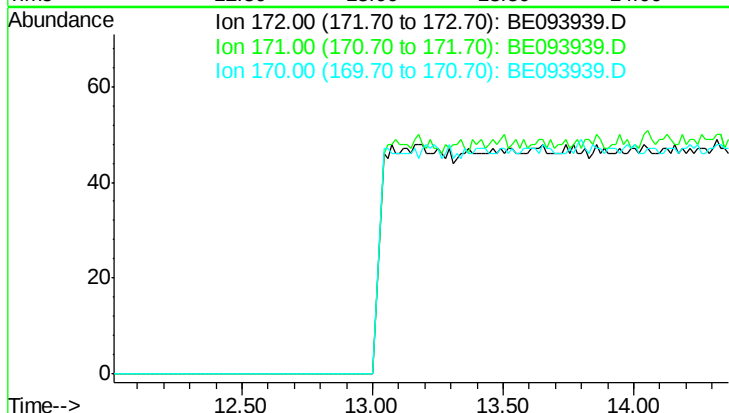




#15
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.16 min
 Lab File: BE093939.D
 Acq: 5 Sep 2017 16:30

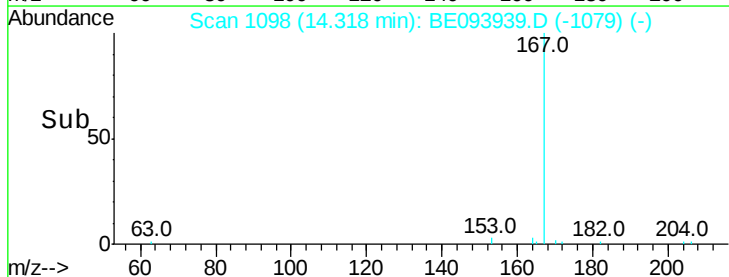
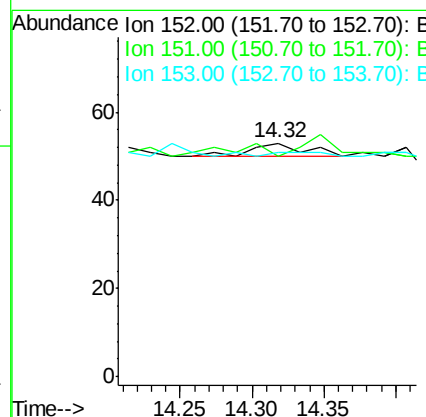
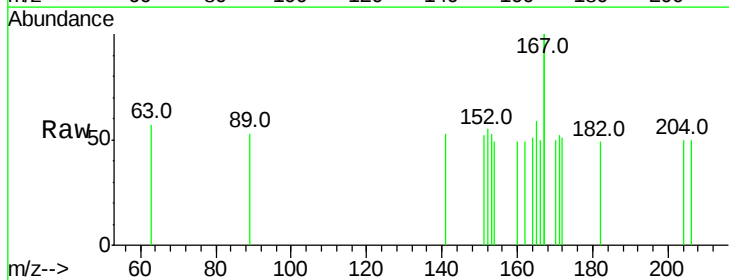
Instrument :
 BNA_E
 ClientSampleId :
 PB102046BL

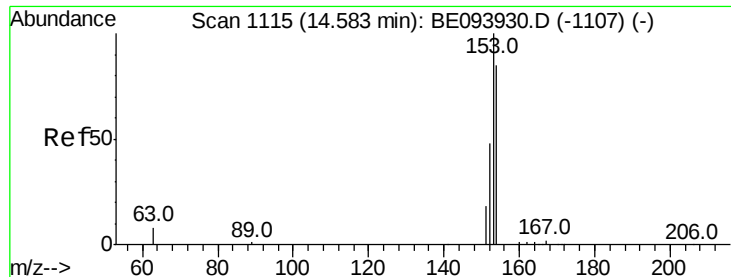
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 33.6
 170 21.6



#16
 Acenaphthylene
 Concen: 0.046 ng
 RT: 14.32 min Scan# 1098
 Delta R.T. 0.08 min
 Lab File: BE093939.D
 Acq: 5 Sep 2017 16:30

Tgt Ion: 152 Resp: 8
 Ion Ratio Lower Upper
 152 100
 151 0.0 15.7 23.5#
 153 37.5 10.6 16.0#





#17

Acenaphthene

Concen: 0.085 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

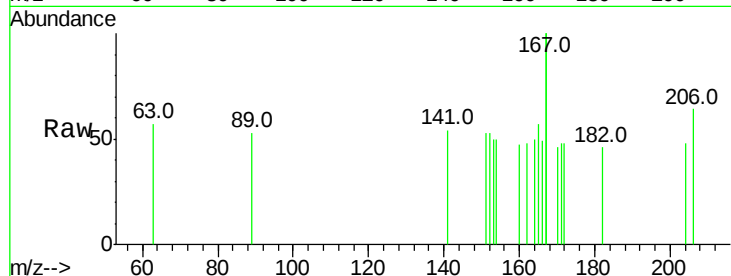
Tot Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 150.0 91.8 137.6#

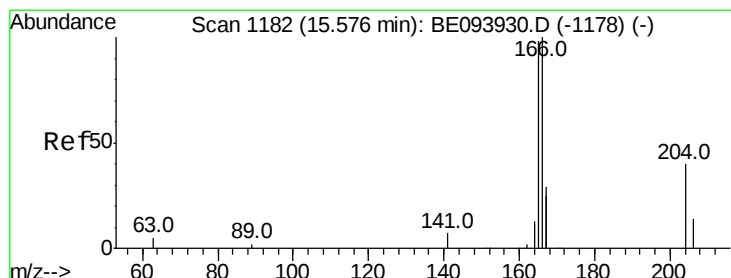
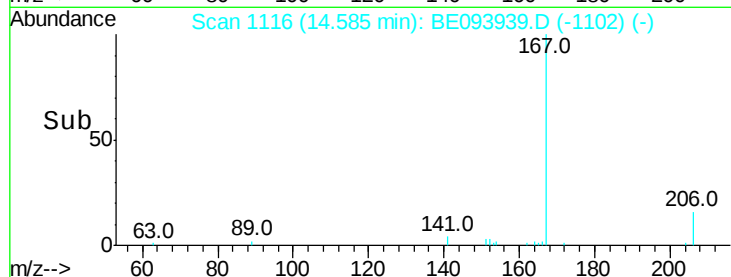
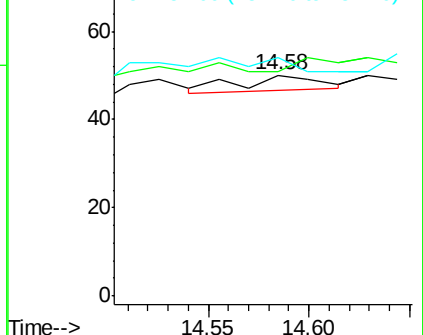
152 0.0 44.9 67.3#



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: 0.079 ng

RT: 15.53 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

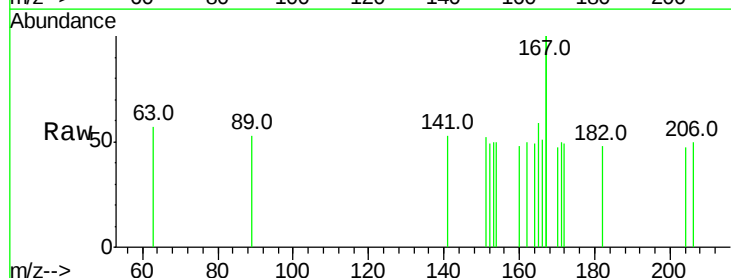
Tgt Ion:166 Resp: 12

Ion Ratio Lower Upper

166 100

165 0.0 79.4 119.0#

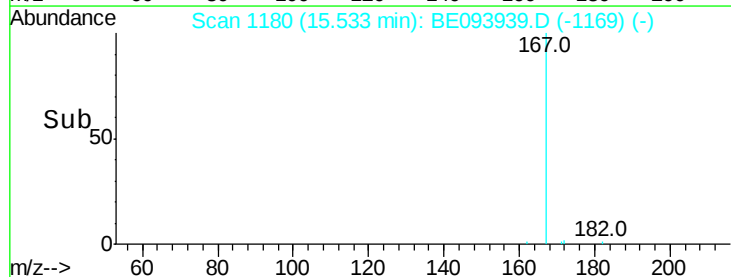
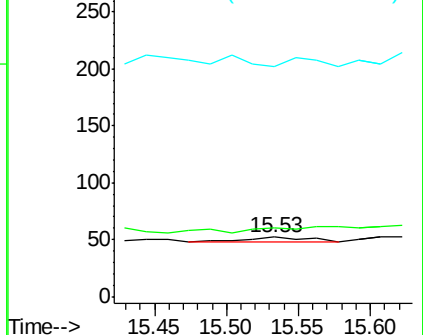
167 116.7 43.5 65.3#

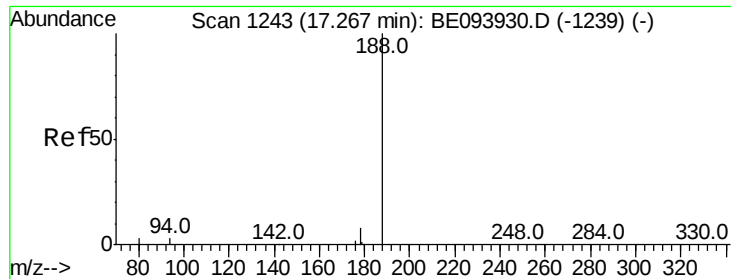


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

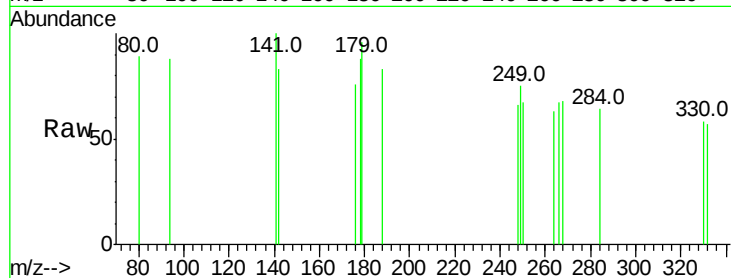
Tot Ion:188 Resp: 41

Ion Ratio Lower Upper

188 100

94 106.3 16.1 24.1#

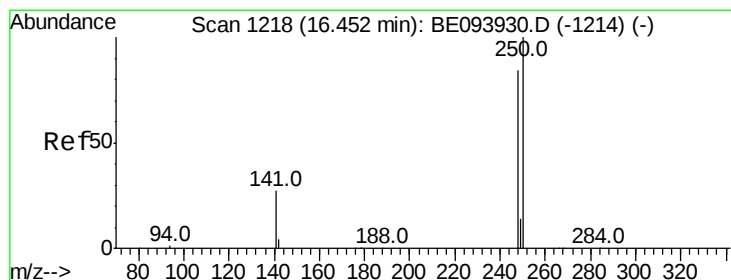
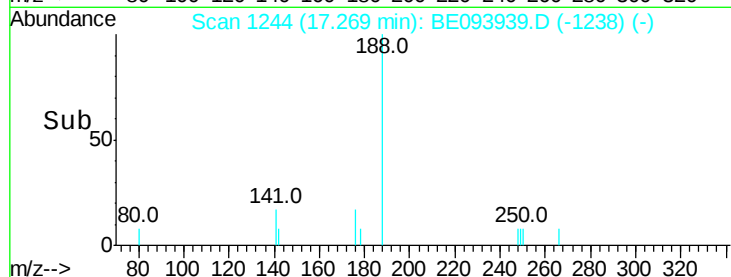
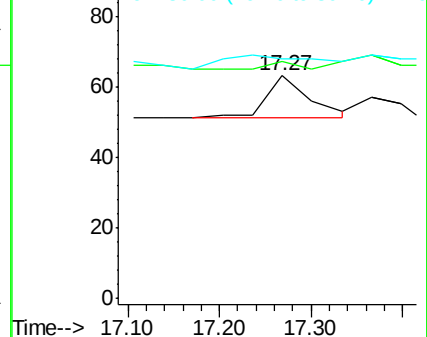
80 107.9 18.2 27.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.111 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

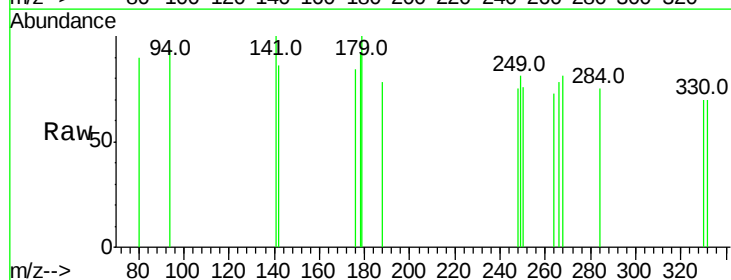
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 102.1 111.8 167.8#

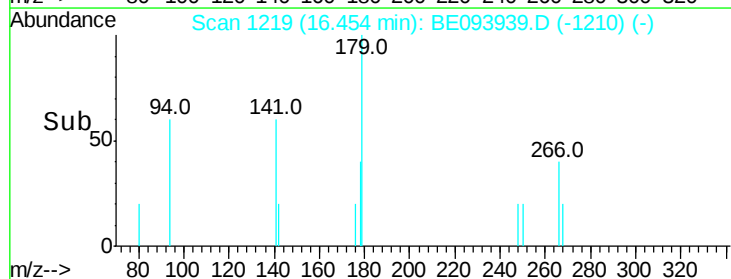
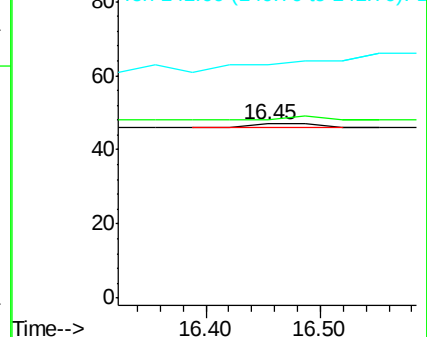
141 134.0 27.1 40.7#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.248 ng

RT: 16.49 min Scan# 1220

Delta R.T. -0.10 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

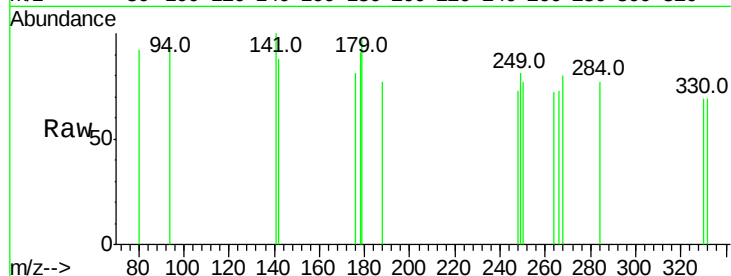
Tot Ion:284 Resp: 6

Ion Ratio Lower Upper

284 100

142 133.3 0.0 0.0#

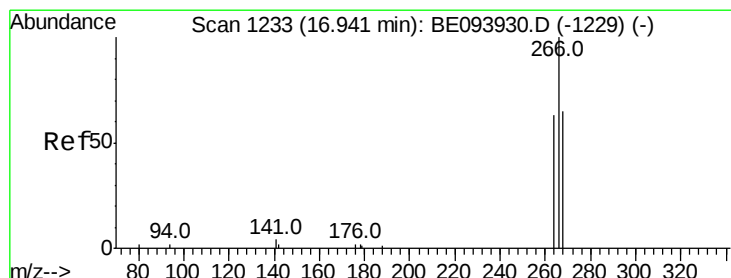
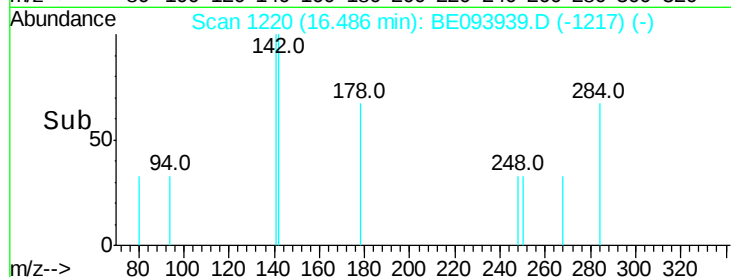
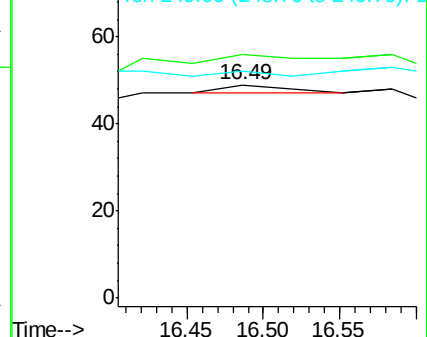
249 0.0 0.0 0.0



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: 1.846 ng

RT: 16.98 min Scan# 1235

Delta R.T. 0.03 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

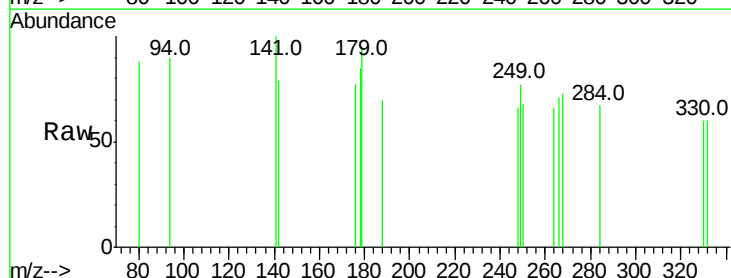
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 92.3 53.5 80.3#

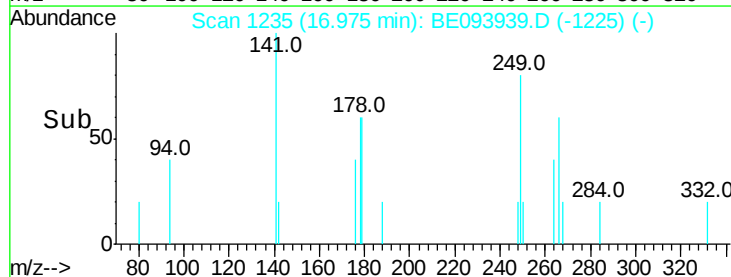
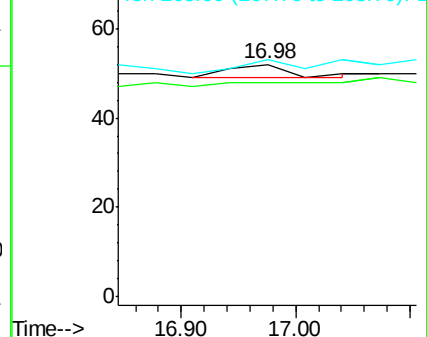
268 101.9 60.0 90.0#

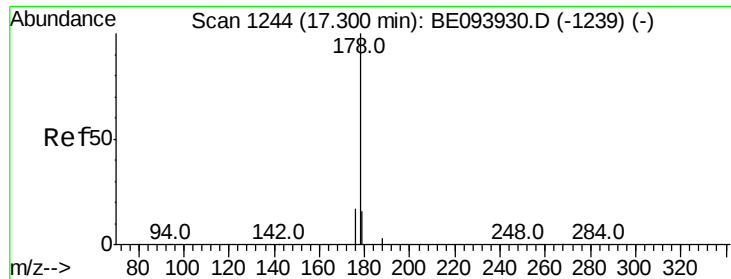


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.796 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

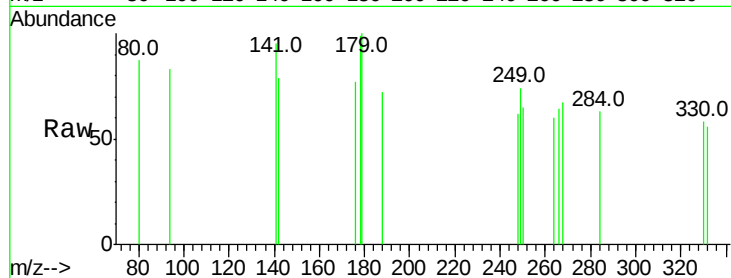
Tot Ion:178 Resp: 92

Ion Ratio Lower Upper

178 100

176 33.7 0.0 0.0#

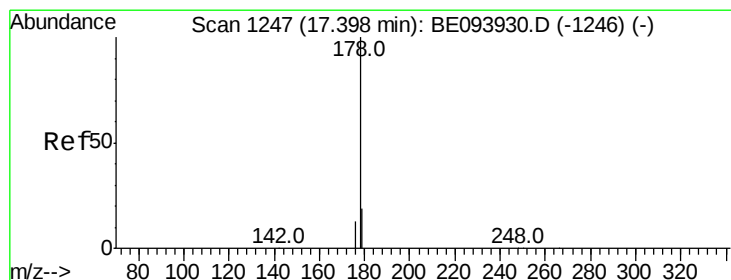
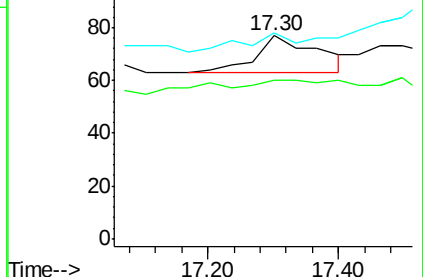
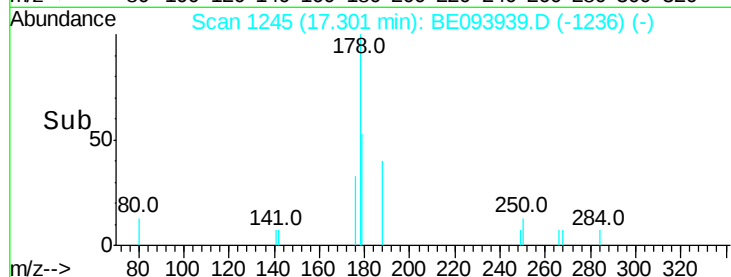
179 35.9 12.6 18.8#



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: 0.737 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

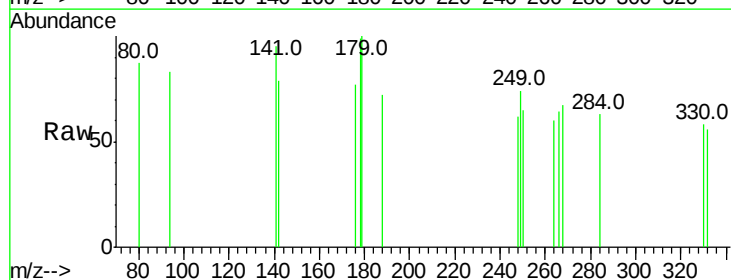
Tgt Ion:178 Resp: 92

Ion Ratio Lower Upper

178 100

176 27.2 16.0 24.0#

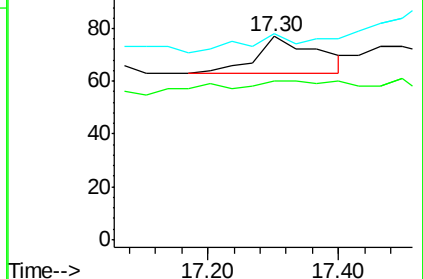
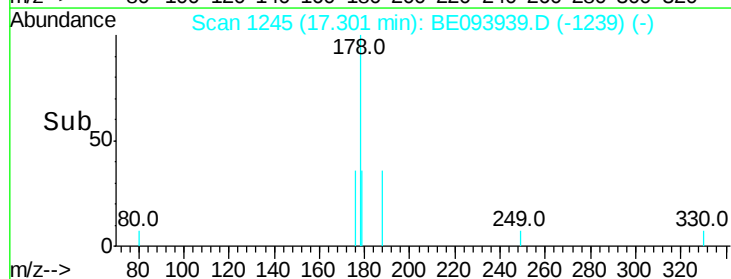
179 35.9 0.0 0.0#

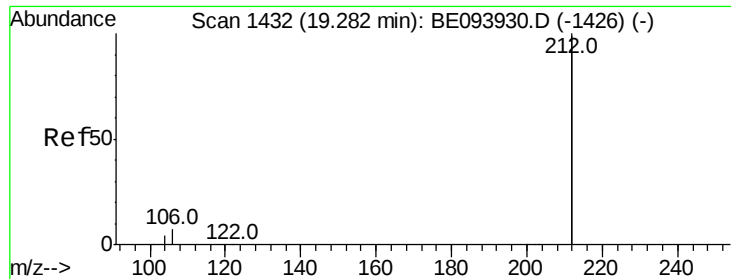


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

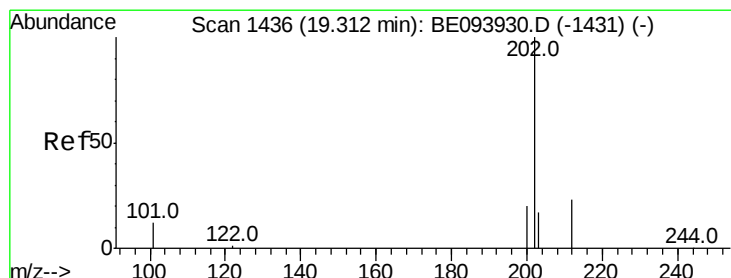
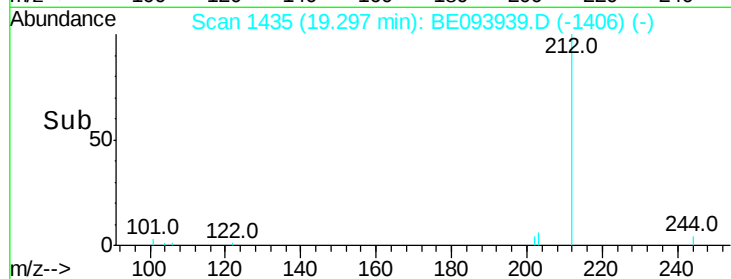
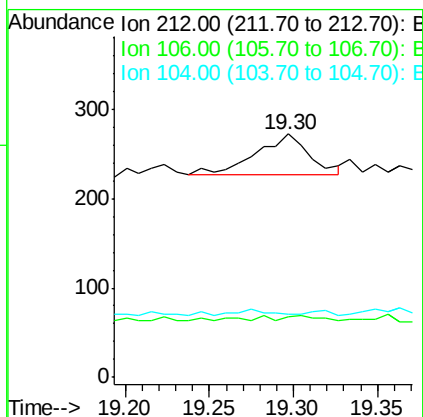
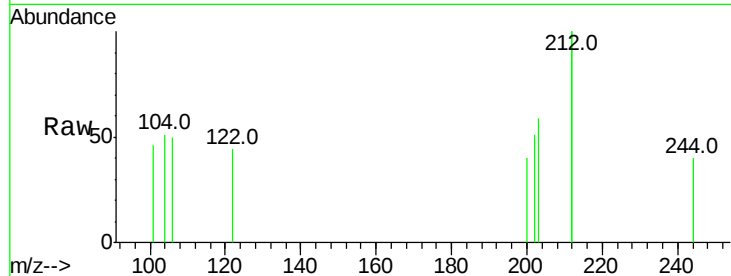




#25
Fluoranthene-d10
Concen: 0.169 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE093939.D
Acq: 5 Sep 2017 16:30

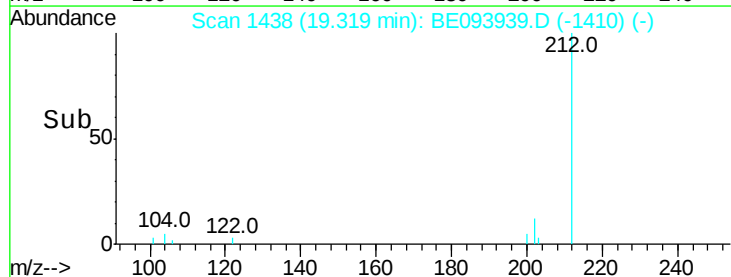
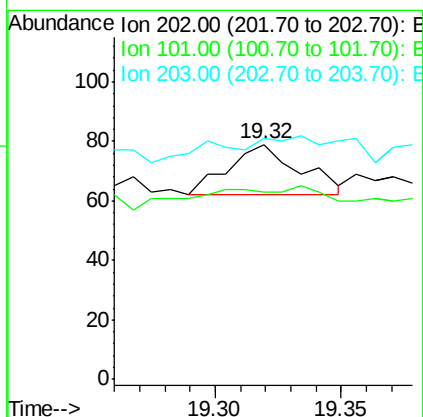
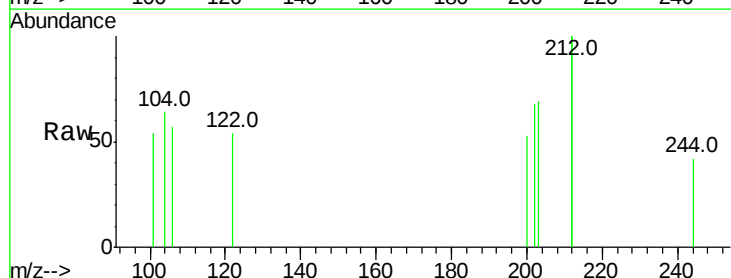
Instrument :
BNA_E
ClientSampleId :
PB102046BL

Tot Ion:212 Resp: 103
Ion Ratio Lower Upper
212 100
106 8.7 2.7 4.1#
104 0.0 1.6 2.4#



#26
Fluoranthene
Concen: 0.181 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE093939.D
Acq: 5 Sep 2017 16:30

Tgt Ion:202 Resp: 33
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
203 97.0 13.7 20.5#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

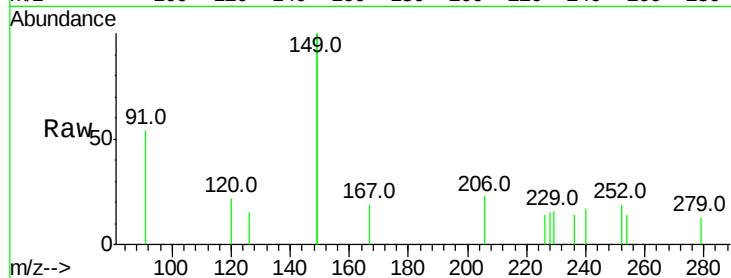
Tot Ion:240 Resp: 103

Ion Ratio Lower Upper

240 100

120 124.6 8.7 13.1#

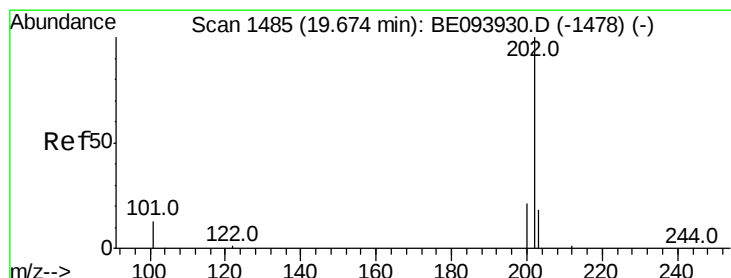
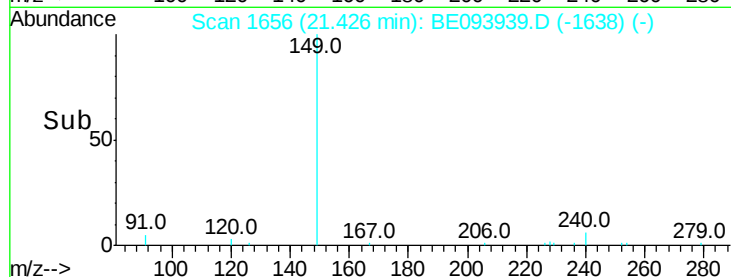
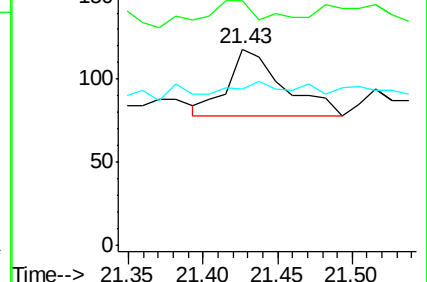
236 79.7 21.3 31.9#



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



#28

Pyrene

Concen: 0.166 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

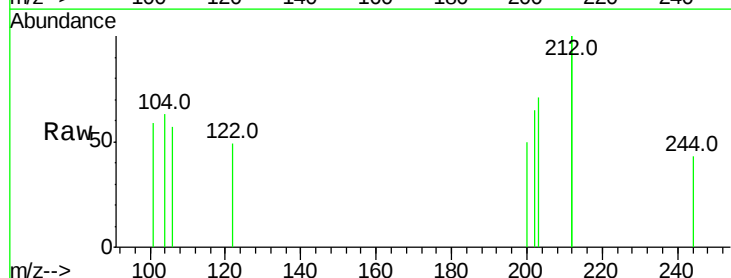
Tgt Ion:202 Resp: 59

Ion Ratio Lower Upper

202 100

200 15.3 16.6 24.8#

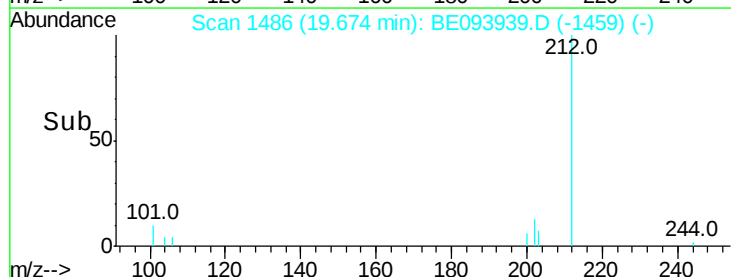
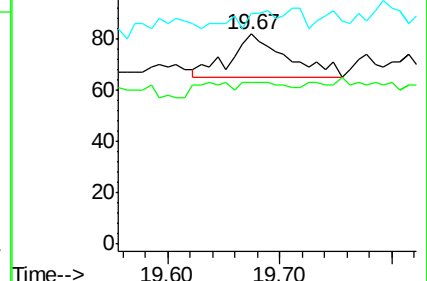
203 5.1 14.2 21.4#

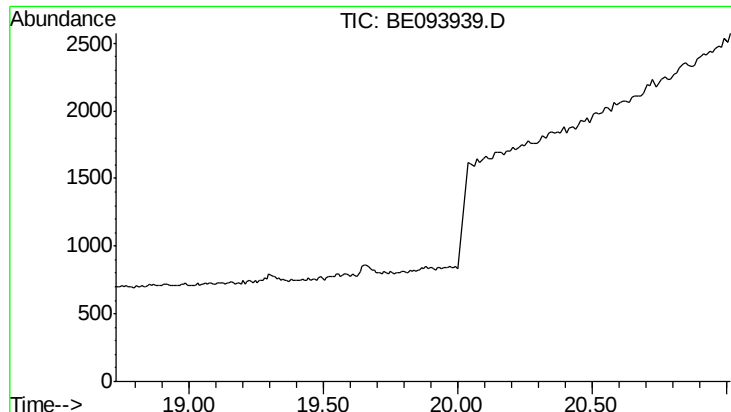


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.87 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

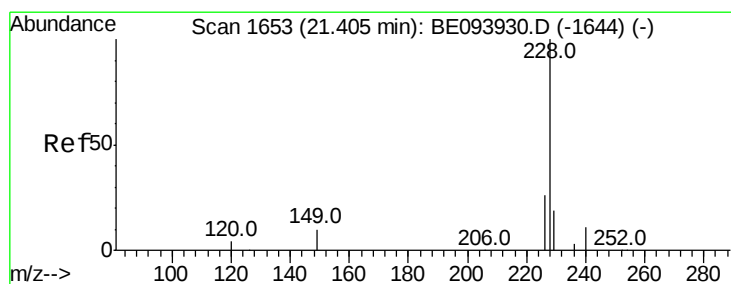
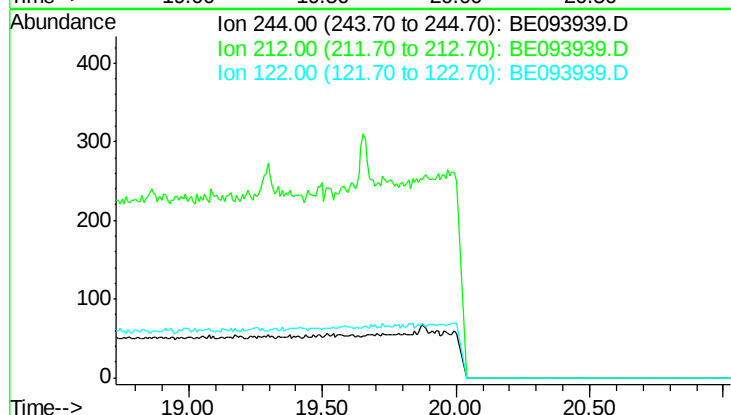
Tot Ion: 244

Sig Exp Ratio

244 100

212 35.4

122 11.7



#30

Benzo(a)anthracene

Concen: 0.250 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

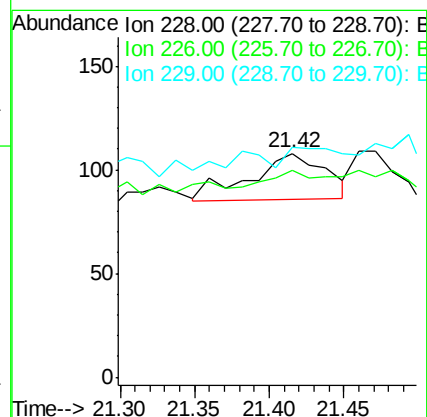
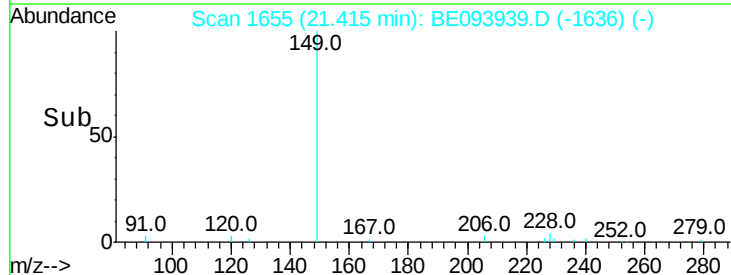
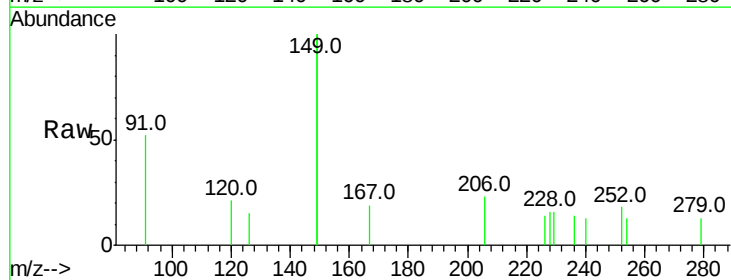
Tgt Ion: 228 Resp: 79

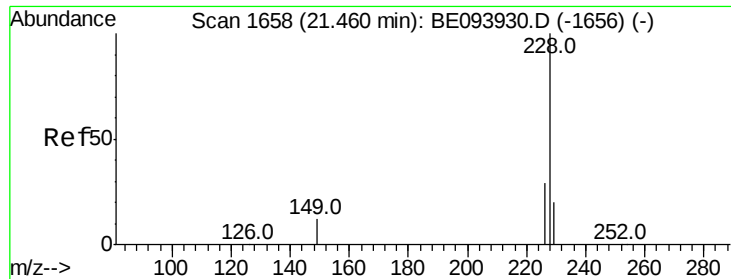
Ion Ratio Lower Upper

228 100

226 92.6 20.8 31.2#

229 102.8 16.6 25.0#





#31

Chrysene

Concen: 0.176 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

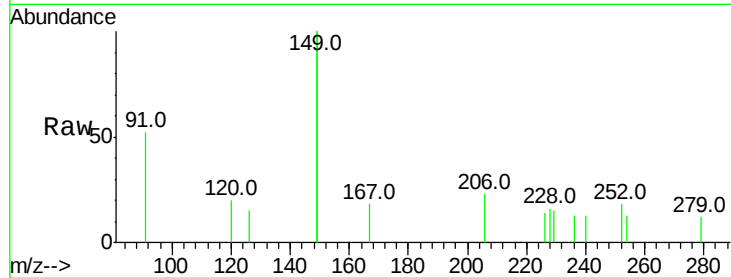
Tot Ion:228 Resp: 59

Ion Ratio Lower Upper

228 100

226 91.7 24.6 37.0#

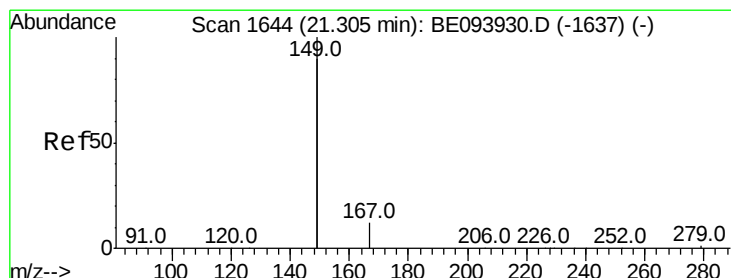
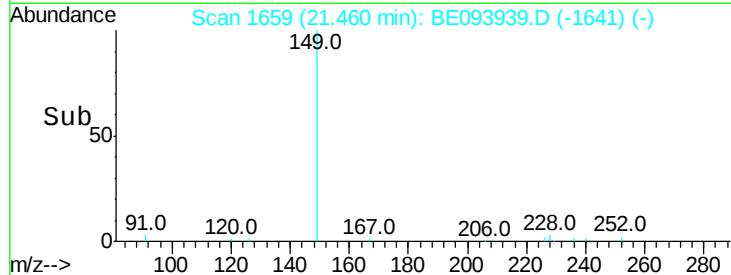
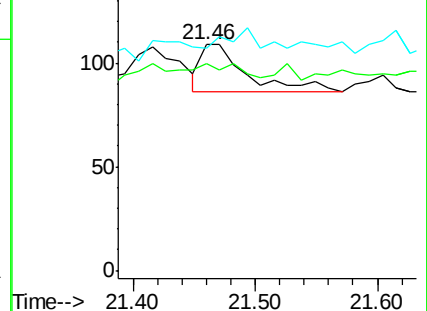
229 98.2 15.8 23.8#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.992 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

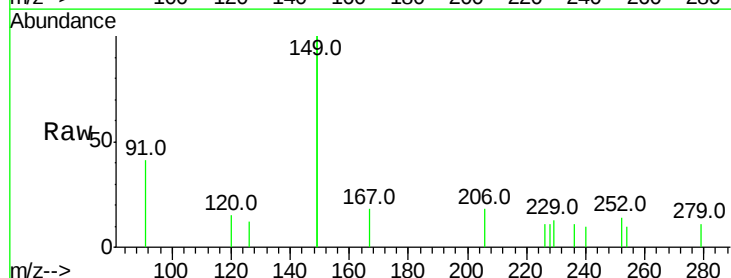
Tgt Ion:149 Resp: 762

Ion Ratio Lower Upper

149 100

167 10.5 5.4 8.0#

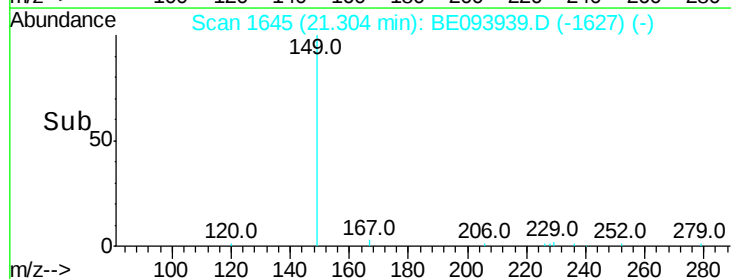
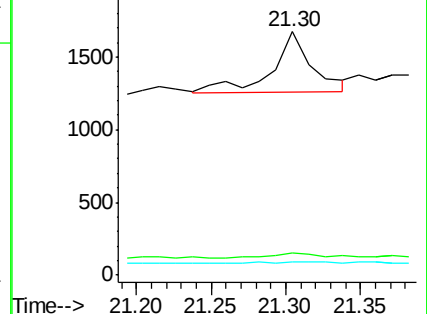
279 3.7 0.7 1.1#

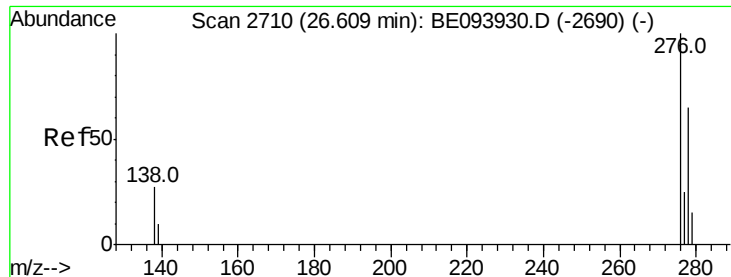


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng

RT: 26.61 min Scan# 2712

Delta R.T. 0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

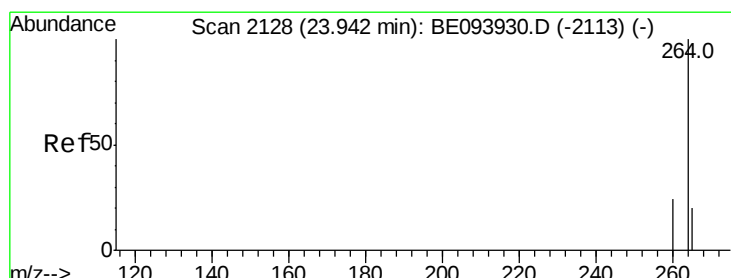
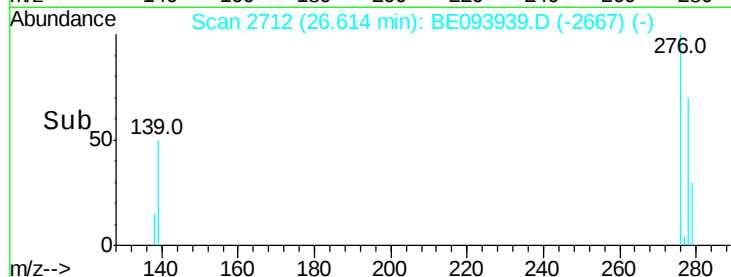
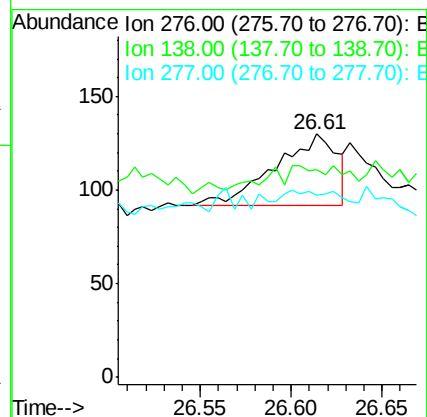
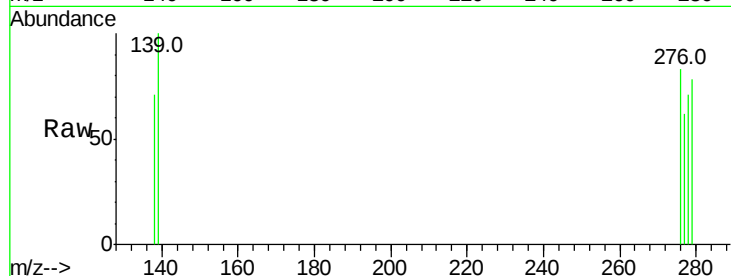
Tot Ion:276 Resp: 90

Ion Ratio Lower Upper

276 100

138 18.9 22.2 33.2#

277 6.7 19.5 29.3#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

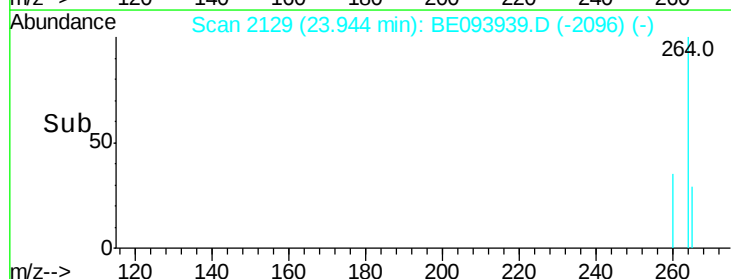
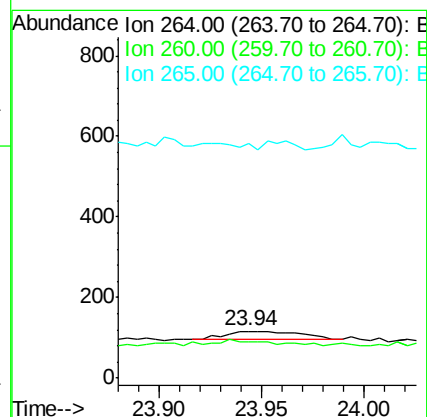
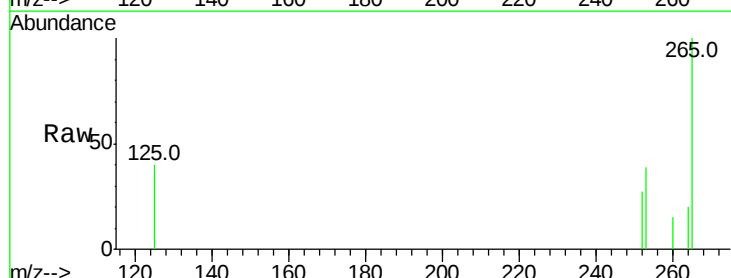
Tgt Ion:264 Resp: 56

Ion Ratio Lower Upper

264 100

260 76.9 20.0 30.0#

265 496.6 24.0 36.0#





#35

Benzo(b)fluoranthene

Concen: 0.174 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

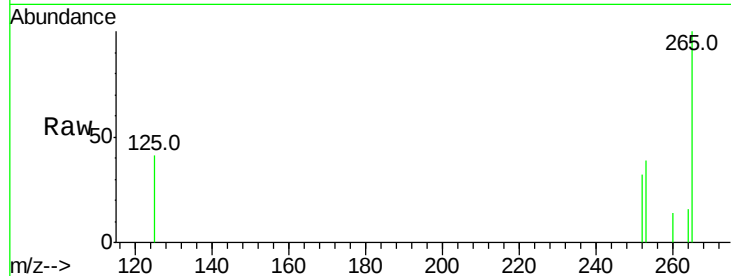
Tot Ion:252 Resp: 31

Ion Ratio Lower Upper

252 100

253 123.5 19.4 29.0#

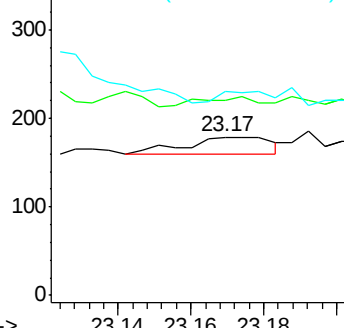
125 129.1 10.0 15.0#



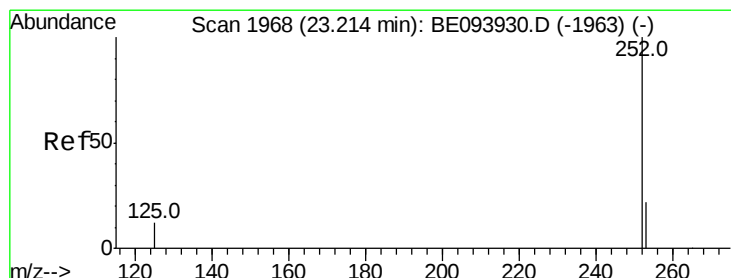
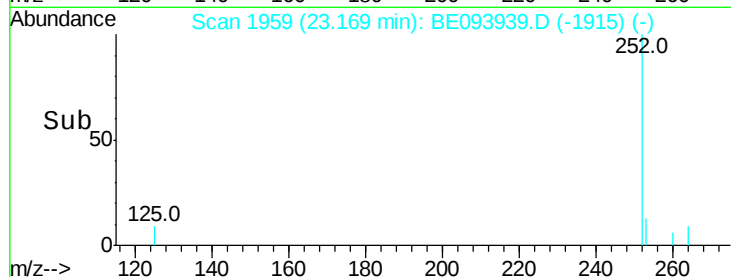
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.252 ng

RT: 23.22 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

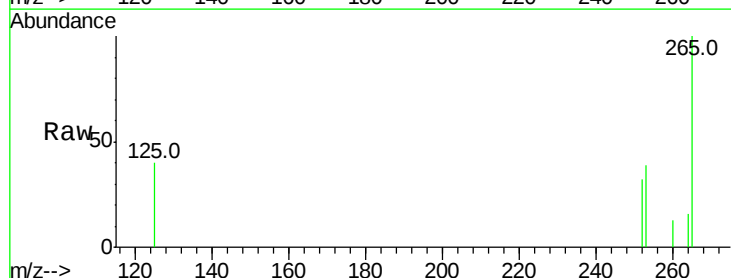
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 120.7 18.1 27.1#

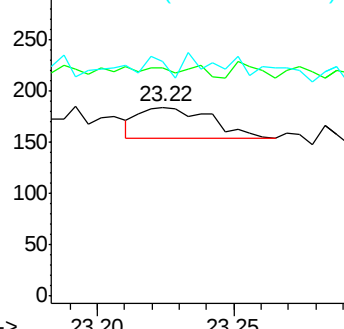
125 124.5 9.8 14.6#



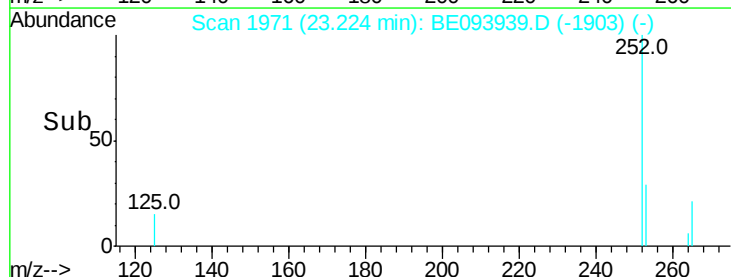
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.066 ng

RT: 23.83 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL

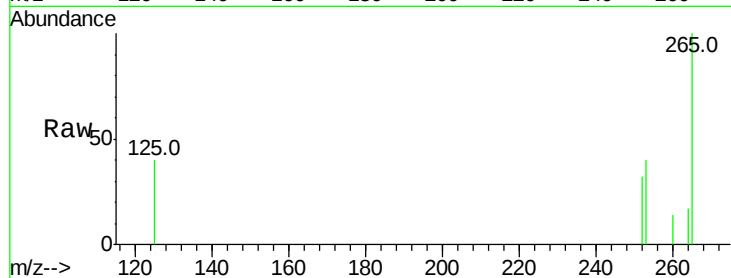
Tot Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 124.0 19.6 29.4#

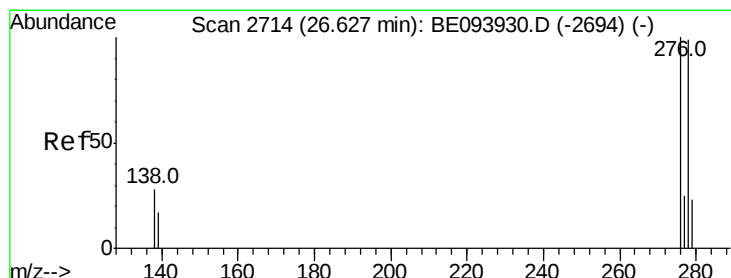
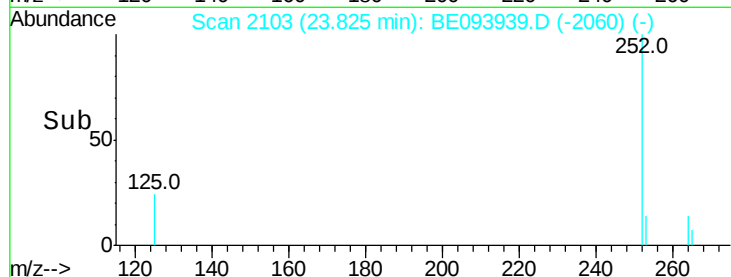
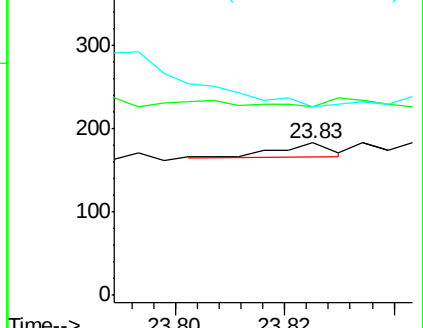
125 123.5 11.8 17.8#



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

Dibenzo(a,h)anthracene

Concen: 2.051 ng

RT: 26.65 min Scan# 2719

Delta R.T. 0.02 min

Lab File: BE093939.D

Acq: 5 Sep 2017 16:30

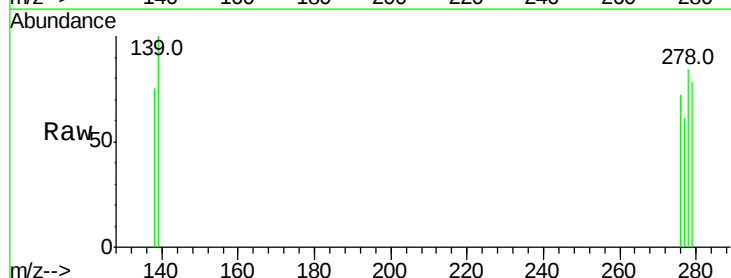
Tgt Ion:278 Resp: 247

Ion Ratio Lower Upper

278 100

139 119.2 16.7 25.1#

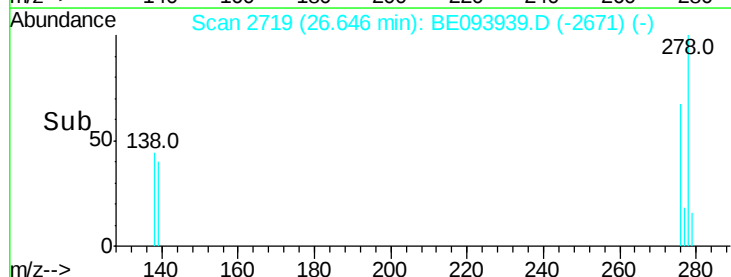
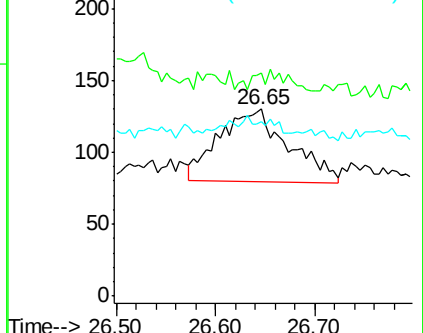
279 93.1 21.6 32.4#

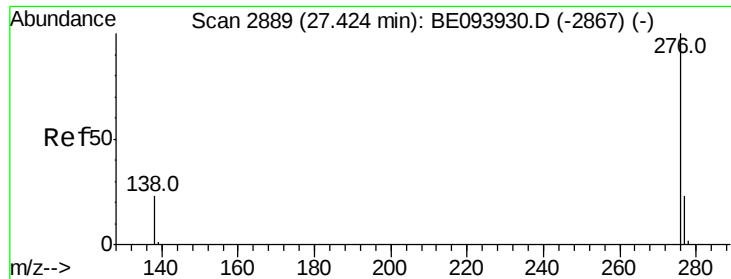


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.417 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093939.D

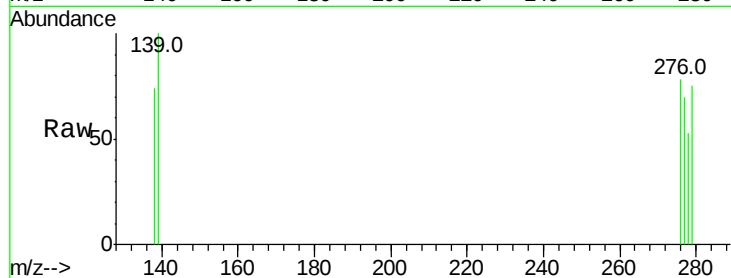
Acq: 5 Sep 2017 16:30

Instrument :

BNA_E

ClientSampleId :

PB102046BL



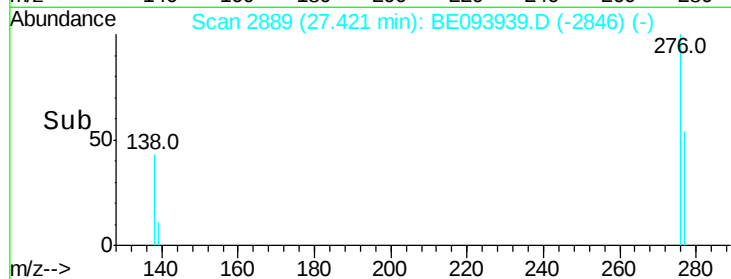
Tot Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

277 89.4 20.6 30.8#

138 95.6 21.9 32.9#



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

27.42

100

50

0

Time-->