

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093960.D
 Acq On : 11 Sep 2017 13:27
 Operator : SJ/JU
 Sample : PB1021534BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB1021534BSD

Quant Time: Sep 12 07:41:08 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	2228	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9818	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5526	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	11824	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16674	0.40	ng	0.00
34) Perylene-d12	23.94	264	12722	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1763	0.24	ng	0.00
5) Phenol-d6	7.12	99	2175	0.20	ng	0.00
8) Nitrobenzene-d5	9.08	82	2092	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	3997	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	372	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5017	0.23	ng	0.00
25) Fluoranthene-d10	19.28	212	45959	0.26	ng	0.00
29) Terphenyl-d14	19.87	244	8535	0.28	ng	0.00

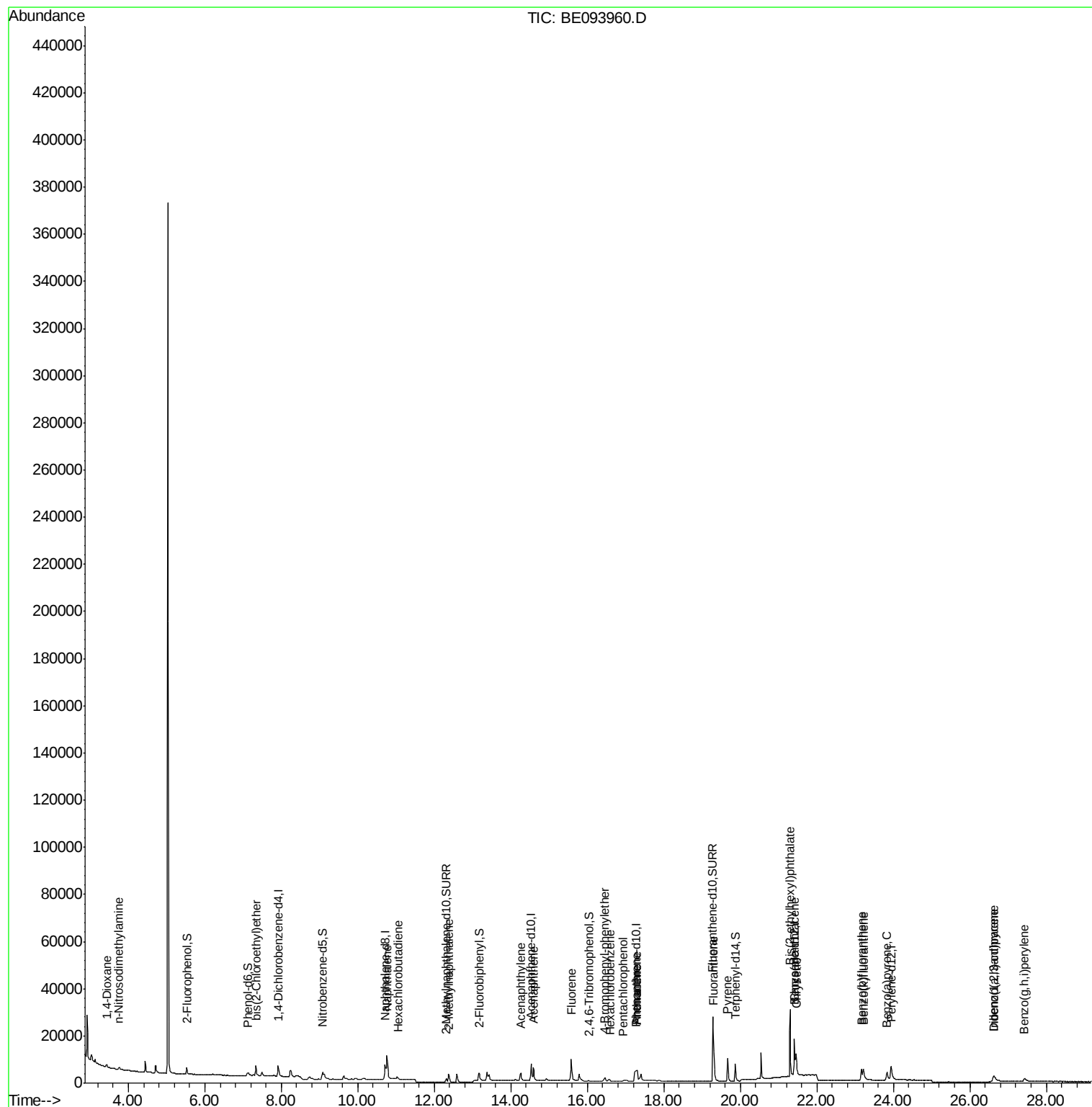
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	739	0.241	ng	# 9
3) n-Nitrosodimethylamine	3.75	42	776	0.216	ng	# 83
6) bis(2-Chloroethyl)ether	7.34	93	1861	0.211	ng	# 82
9) Naphthalene	10.76	128	23463	0.208	ng	# 99
10) Hexachlorobutadiene	11.04	225	882	0.216	ng	# 99
12) 2-Methylnaphthalene	12.38	142	3801	0.203	ng	# 97
16) Acenaphthylene	14.26	152	5292	0.192	ng	# 99
17) Acenaphthene	14.58	154	3768	0.202	ng	# 99
18) Fluorene	15.58	166	5094	0.212	ng	# 99
20) 4-Bromophenyl-phenylether	16.45	248	1418	0.158	ng	# 81
21) Hexachlorobenzene	16.58	284	1281	0.183	ng	# 100
22) Pentachlorophenol	16.94	266	481	0.257	ng	# 97
23) Phenanthrene	17.30	178	9748	0.172	ng	# 100
24) Anthracene	17.30	178	9711	0.270	ng	# 80
26) Fluoranthene	19.31	202	11177	0.212	ng	# 100
28) Pyrene	19.67	202	11461	0.200	ng	# 100
30) Benzo(a)anthracene	21.40	228	10219	0.200	ng	# 98
31) Chrysene	21.46	228	10830	0.200	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.30	149	36854	0.296	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.61	276	5954	0.165	ng	# 96
35) Benzo(b)fluoranthene	23.17	252	8064	0.199	ng	# 94
36) Benzo(k)fluoranthene	23.22	252	10780	0.217	ng	# 91
37) Benzo(a)pyrene	23.83	252	8356	0.203	ng	# 92
38) Dibenzo(a,h)anthracene	26.64	278	4654	0.170	ng	# 82
39) Benzo(g,h,i)perylene	27.43	276	5318	0.184	ng	# 92

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093960.D
Acq On : 11 Sep 2017 13:27
Operator : SJ/JU
Sample : PB1021534BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Quant Time: Sep 12 07:41:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

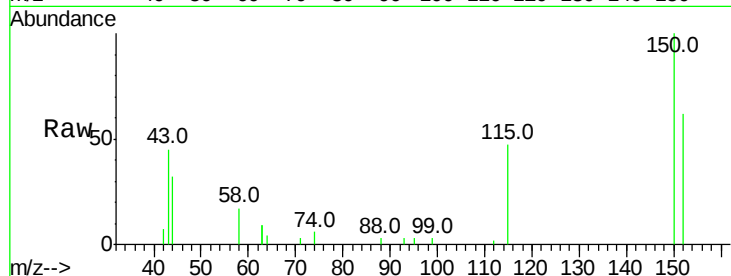
Tot Ion:152 Resp: 2228

Ion Ratio Lower Upper

152 100

150 160.6 121.8 182.6

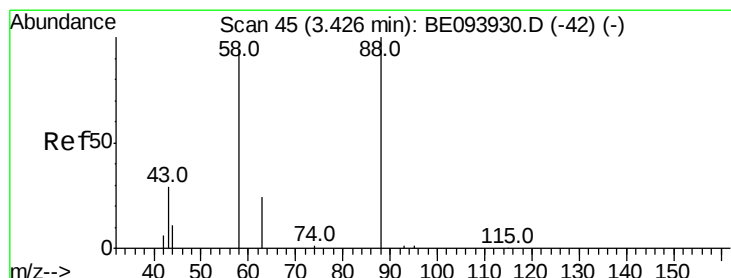
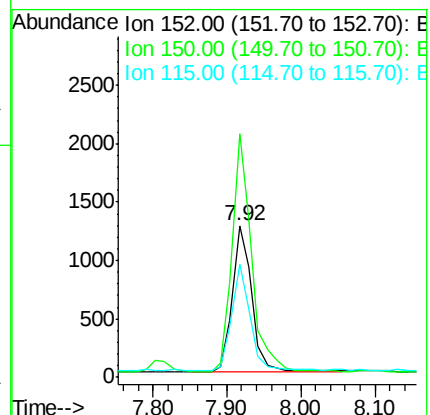
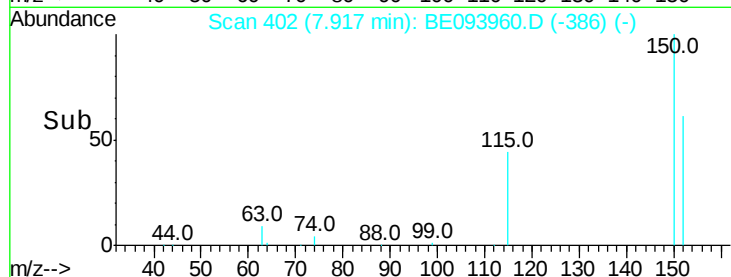
115 74.7 52.6 79.0



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: 0.241 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

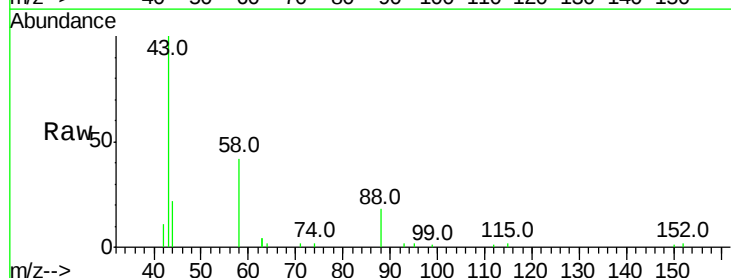
Tgt Ion: 88 Resp: 739

Ion Ratio Lower Upper

88 100

58 174.0 65.4 98.0#

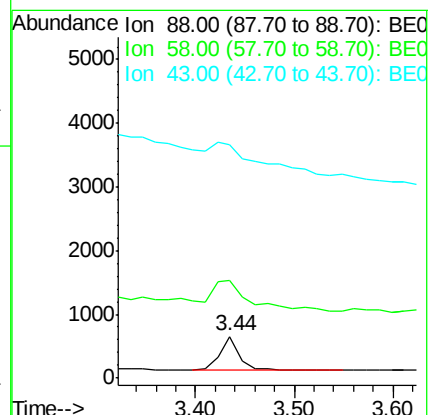
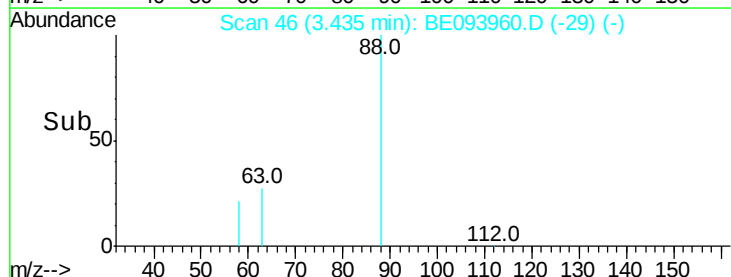
43 0.0 23.9 35.9#

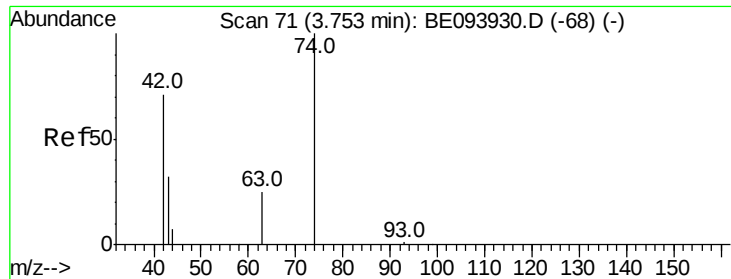


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



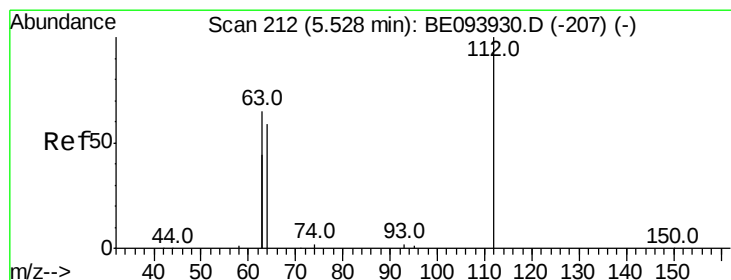
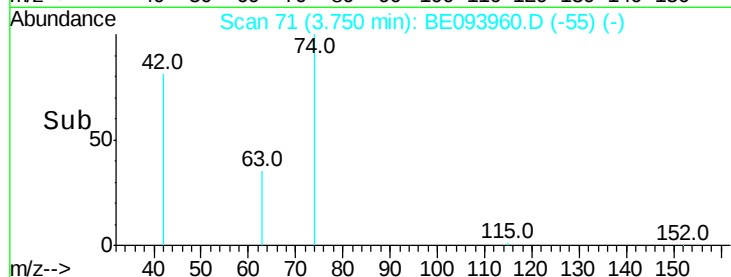
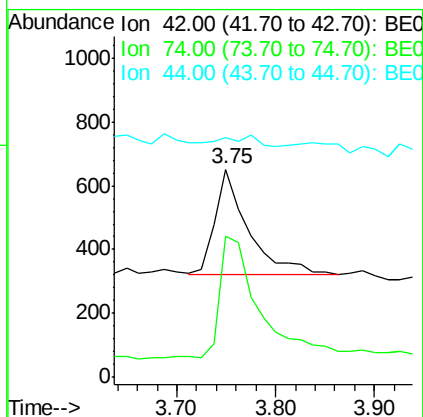
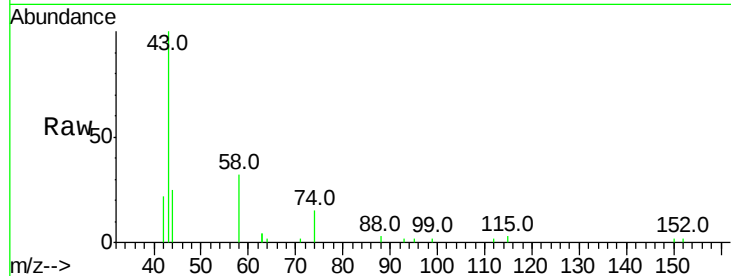


#3

n-Nitrosodimethylamine
 Concen: 0.216 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE093960.D
 Acq: 11 Sep 2017 13:27

Instrument :
 BNA_E
 ClientSampleId :
 PB102153BSD

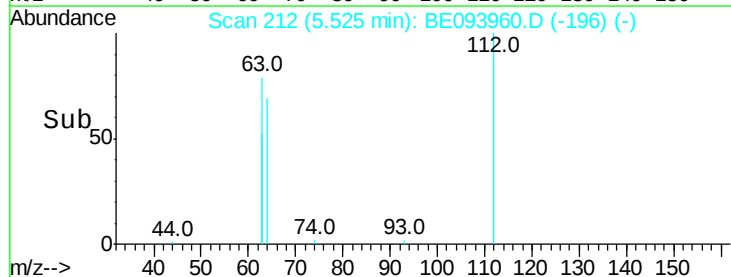
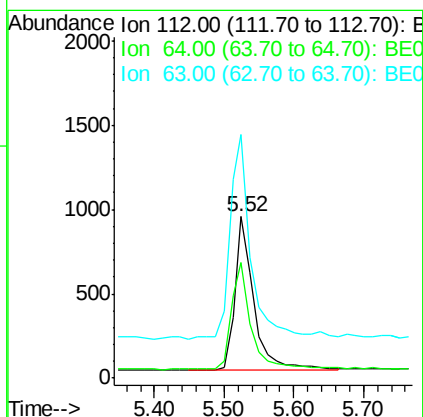
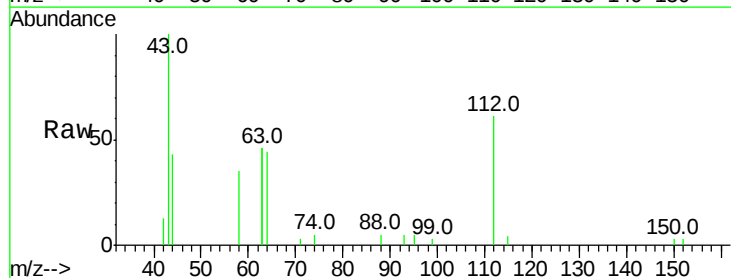
Tot Ion: 42 Resp: 776
 Ion Ratio Lower Upper
 42 100
 74 145.9 104.0 156.0
 44 0.0 13.8 20.8#

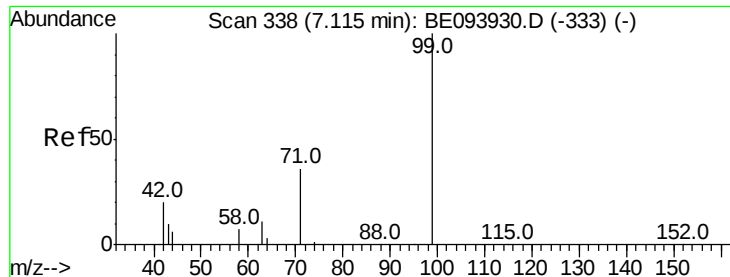


#4

2-Fluorophenol
 Concen: 0.245 ng
 RT: 5.52 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093960.D
 Acq: 11 Sep 2017 13:27

Tgt Ion: 112 Resp: 1763
 Ion Ratio Lower Upper
 112 100
 64 71.8 57.7 86.5
 63 142.6 116.0 174.0





#5

Phenol-d6

Concen: 0.201 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

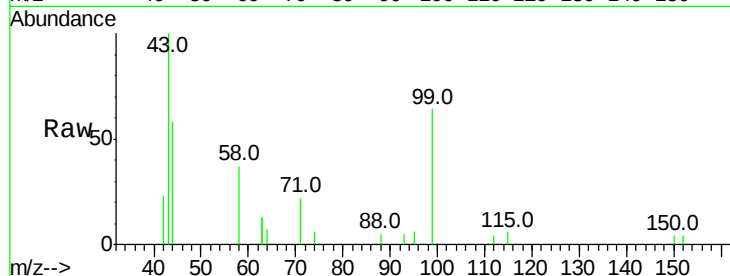
Tot Ion: 99 Resp: 2175

Ion Ratio Lower Upper

99 100

42 22.2 17.1 25.7

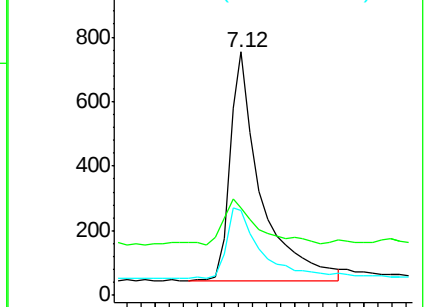
71 35.1 26.6 39.8



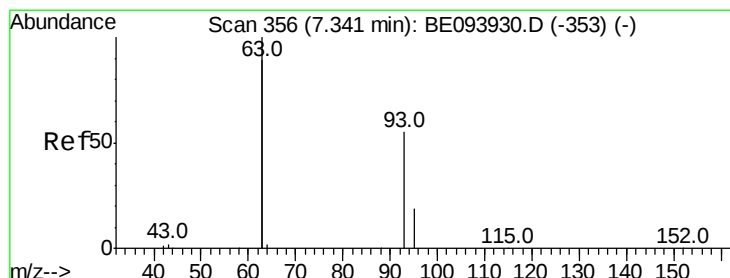
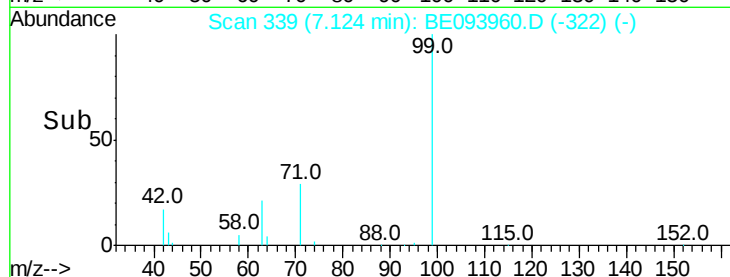
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.211 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

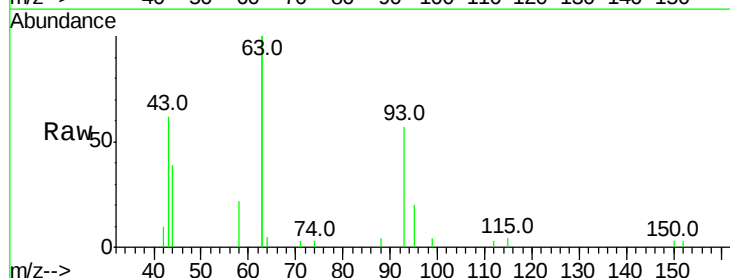
Tgt Ion: 93 Resp: 1861

Ion Ratio Lower Upper

93 100

63 313.6 283.4 425.2

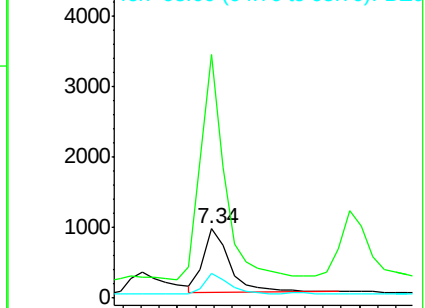
95 28.8 26.9 40.3



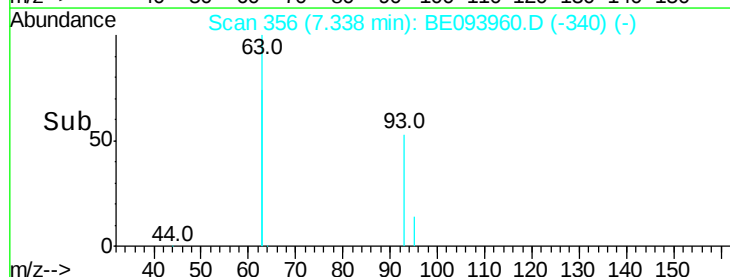
Abundance Ion 93.00 (92.70 to 93.70): BE0

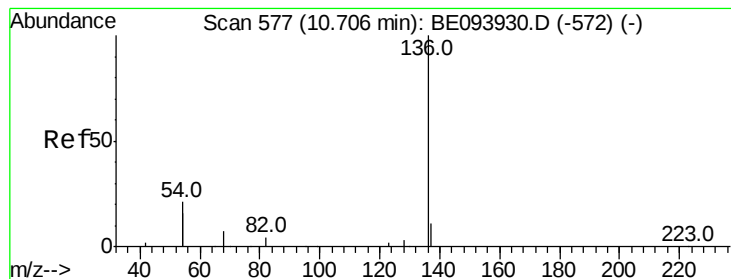
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

Tot Ion:136 Resp: 9818

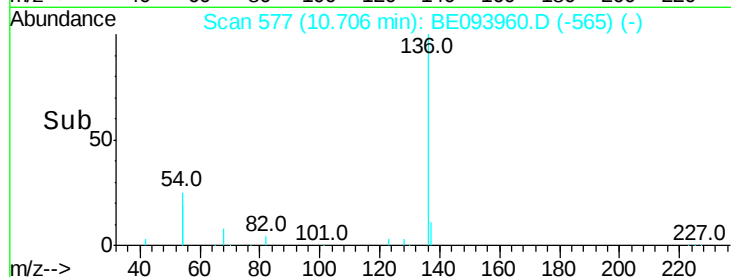
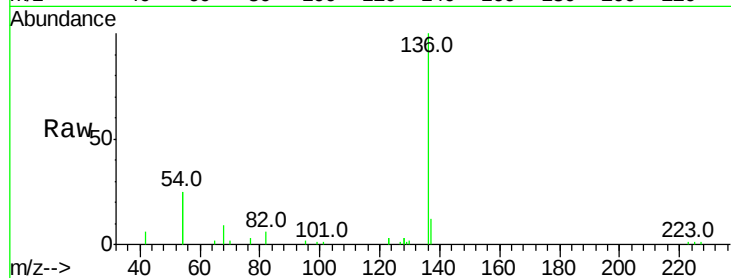
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 49.5 21.9 32.9#

68 9.1 4.6 7.0#

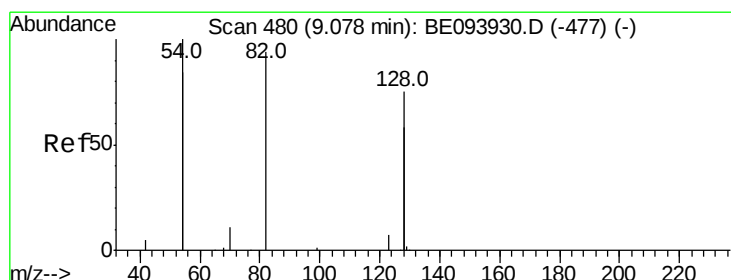
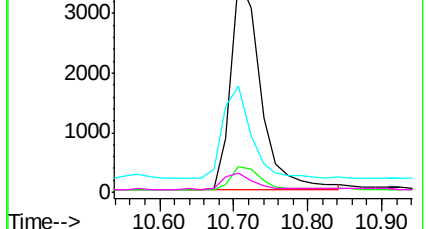


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.252 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

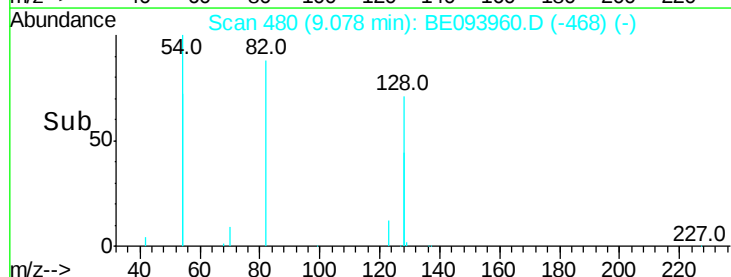
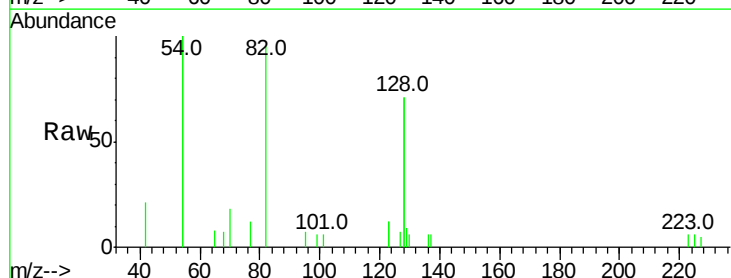
Tgt Ion: 82 Resp: 2092

Ion Ratio Lower Upper

82 100

128 150.6 91.4 137.0#

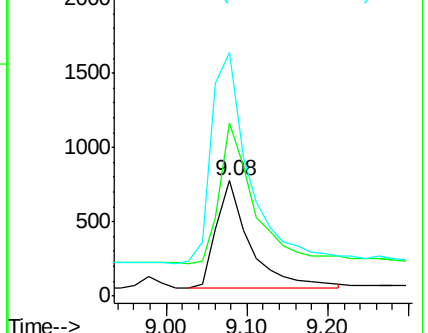
54 211.6 197.8 296.8



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





#9

Naphthalene

Concen: 0.208 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

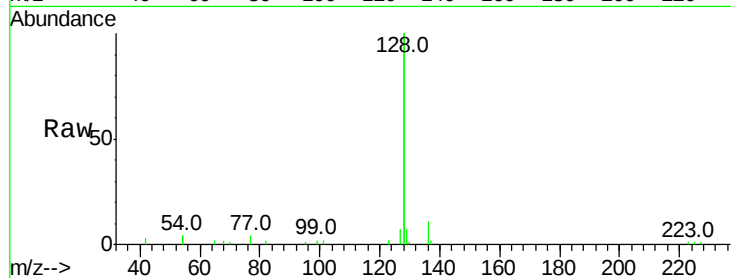
Tot Ion:128 Resp: 23463

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

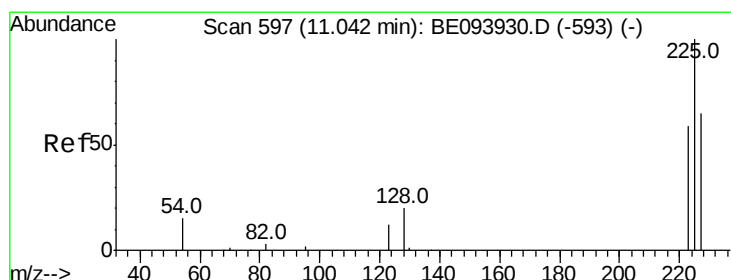
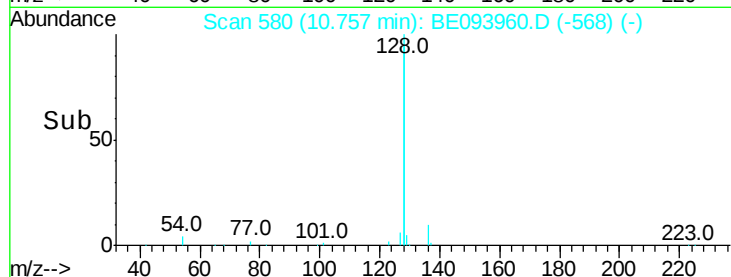
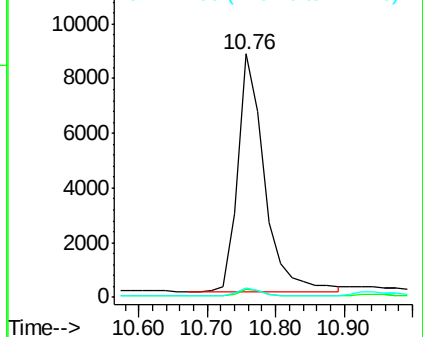
127 3.7 2.6 4.0



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: 0.216 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

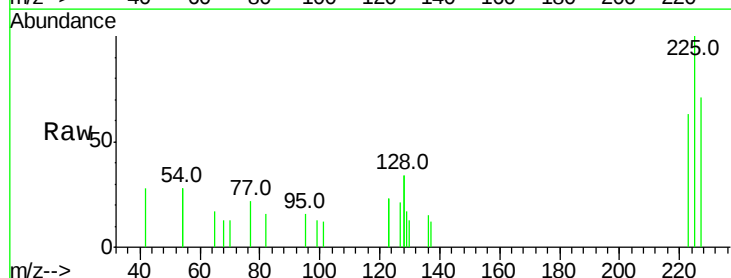
Tgt Ion:225 Resp: 882

Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.0

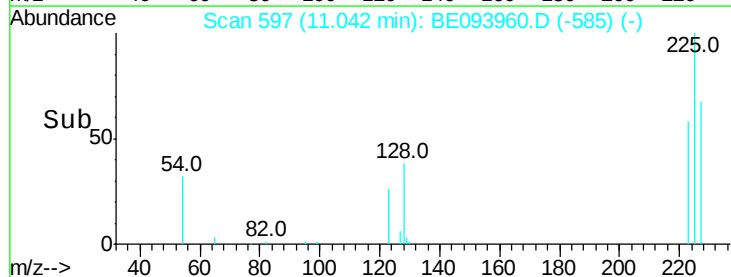
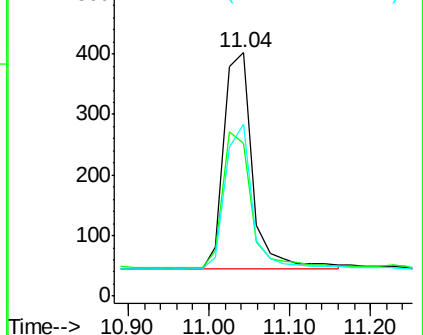
227 63.3 50.5 75.7



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: 0.254 ng

RT: 12.30 min Scan# 828

Delta R.T. 0.01 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

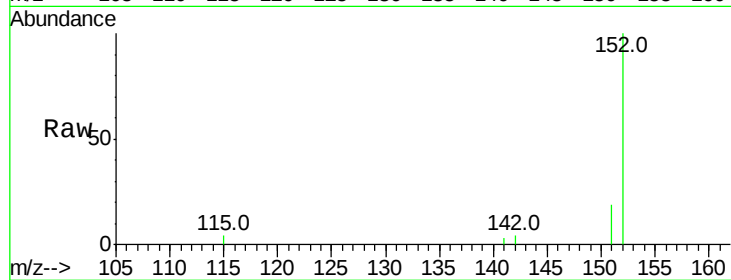
PB102153BSD

Tot Ion:152 Resp: 3997

Ion Ratio Lower Upper

152 100

151 17.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

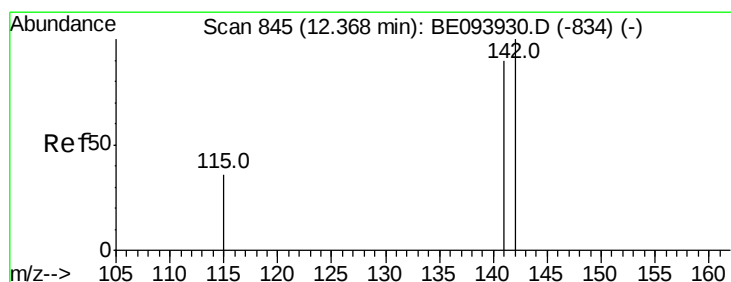
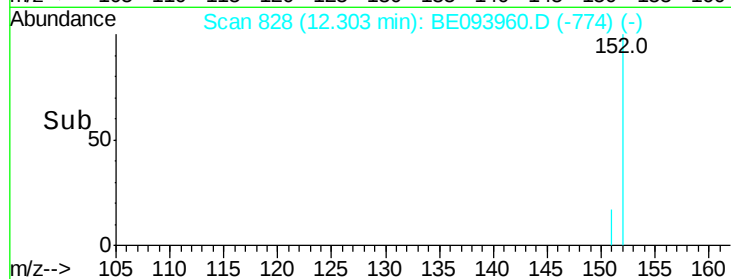
1500

1000

500

0

Time--> 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.203 ng

RT: 12.38 min Scan# 847

Delta R.T. 0.01 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

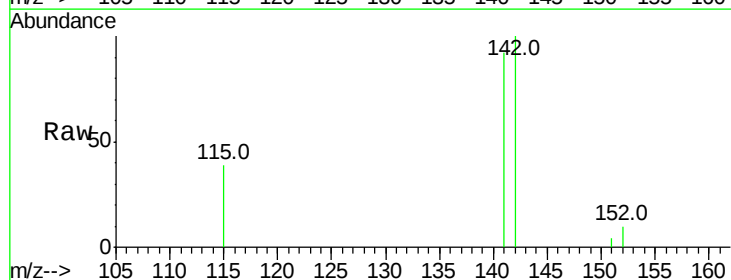
Tgt Ion:142 Resp: 3801

Ion Ratio Lower Upper

142 100

141 91.7 71.4 107.2

115 39.4 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2000

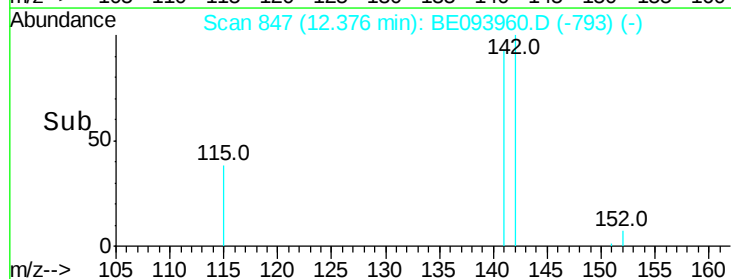
1500

1000

500

0

Time--> 12.30 12.40 12.50

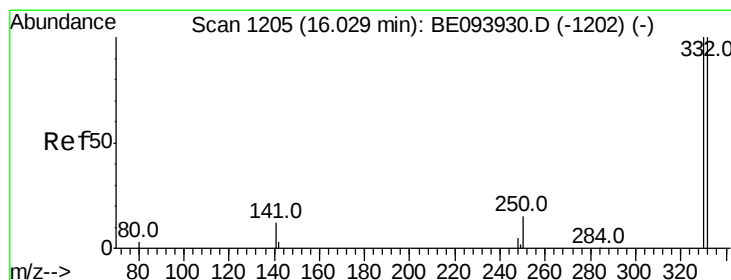
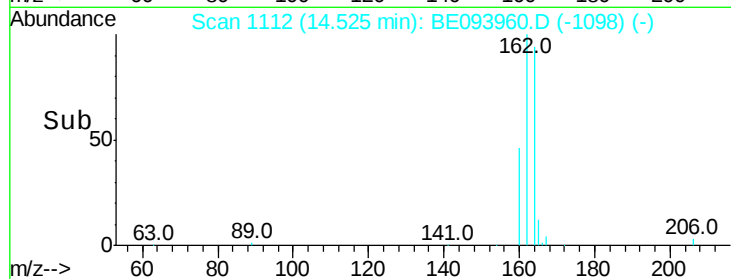
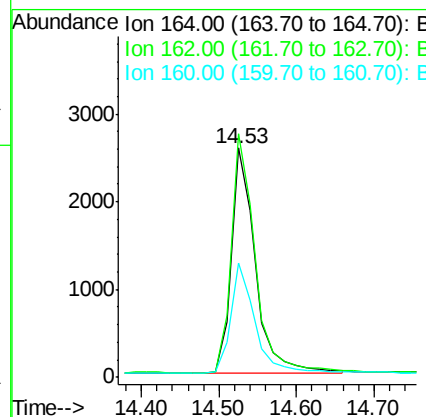
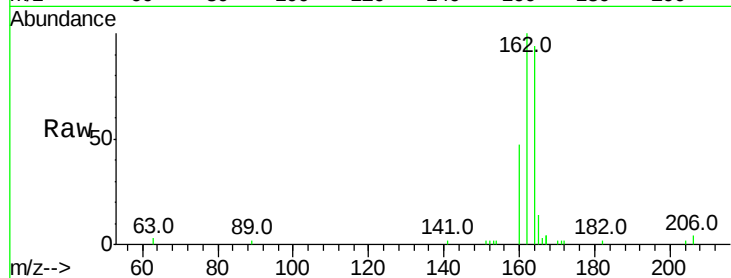




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093960.D
 Acq: 11 Sep 2017 13:27

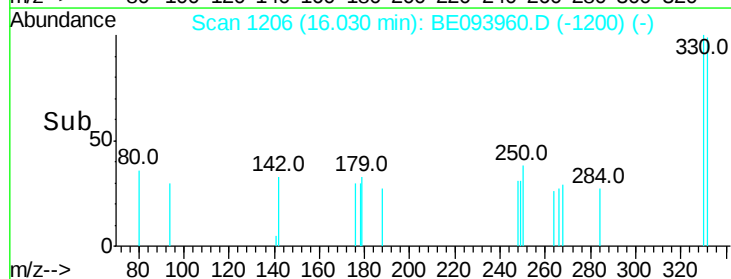
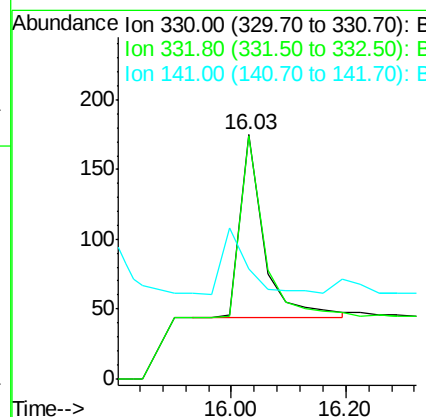
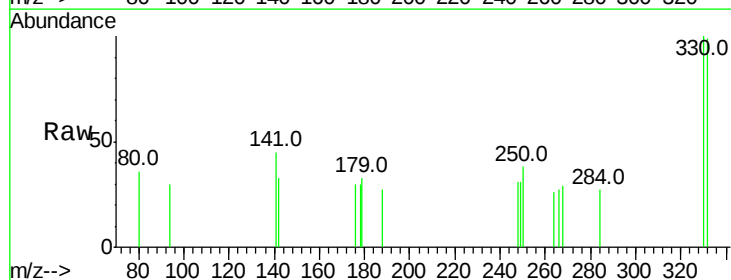
Instrument :
 BNA_E
 ClientSampleId :
 PB102153BSD

Tot Ion:164 Resp: 5526
 Ion Ratio Lower Upper
 164 100
 162 106.3 80.8 121.2
 160 49.9 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.217 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093960.D
 Acq: 11 Sep 2017 13:27

Tgt Ion:330 Resp: 372
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.9 115.3
 141 0.0 0.0 0.0

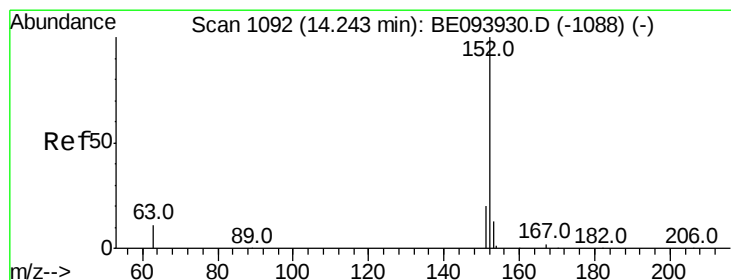
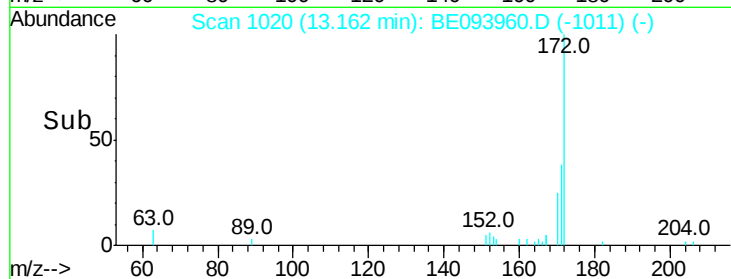
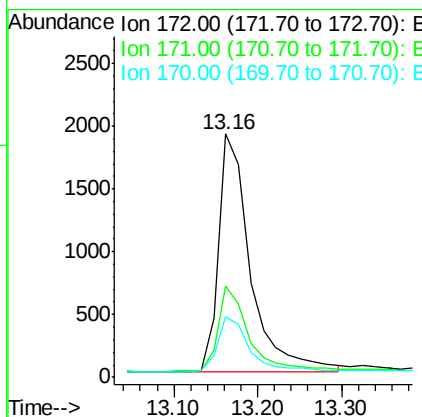
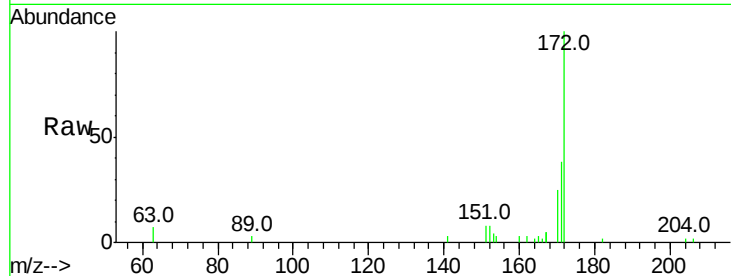




#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

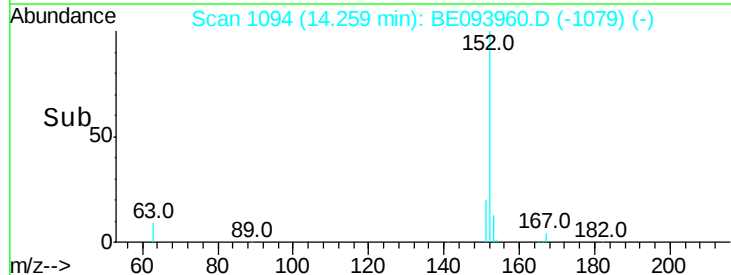
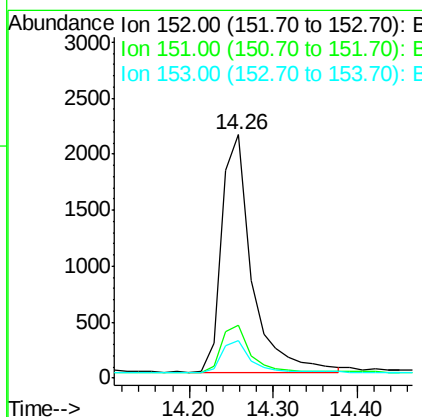
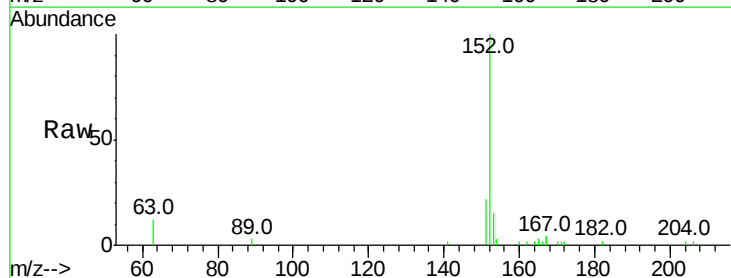
Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tot Ion:172 Resp: 5017
Ion Ratio Lower Upper
172 100
171 37.8 26.9 40.3
170 25.0 17.3 25.9



#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:152 Resp: 5292
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.8 10.6 16.0





#17

Acenaphthene

Concen: 0.202 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

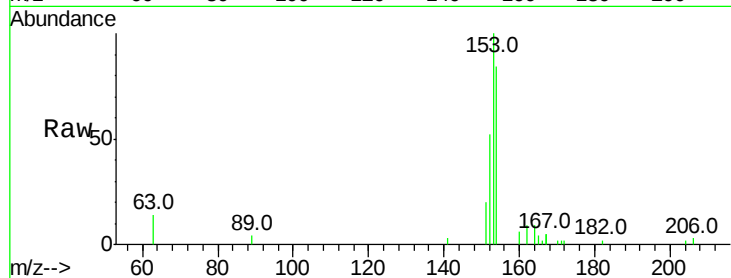
Tot Ion:154 Resp: 3768

Ion Ratio Lower Upper

154 100

153 112.6 91.8 137.6

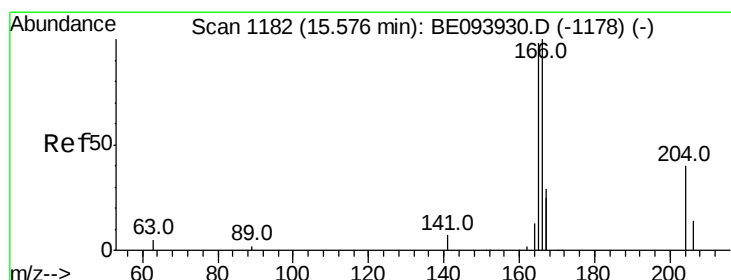
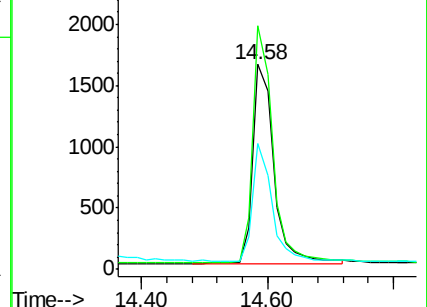
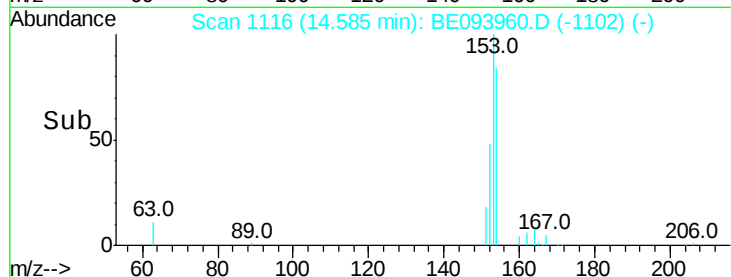
152 55.9 44.9 67.3



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: 0.212 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

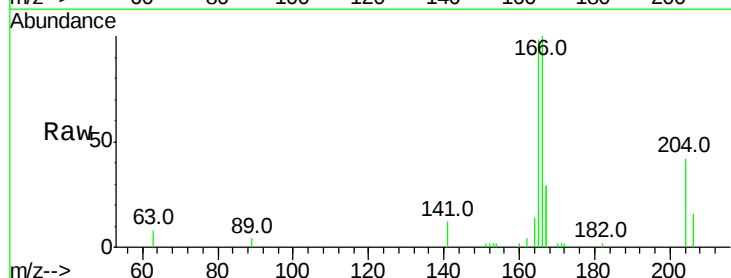
Tgt Ion:166 Resp: 5094

Ion Ratio Lower Upper

166 100

165 98.7 79.4 119.0

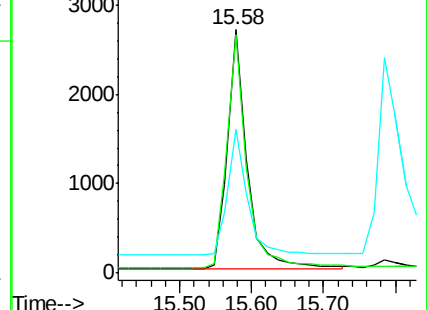
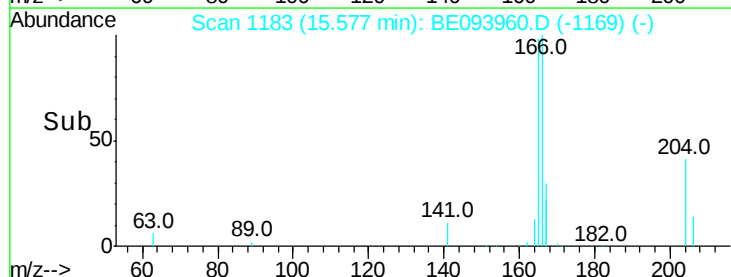
167 53.8 43.5 65.3

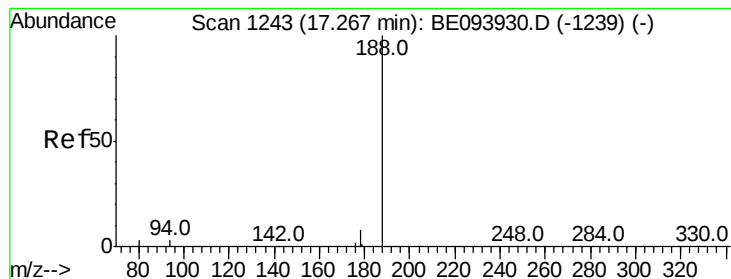


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

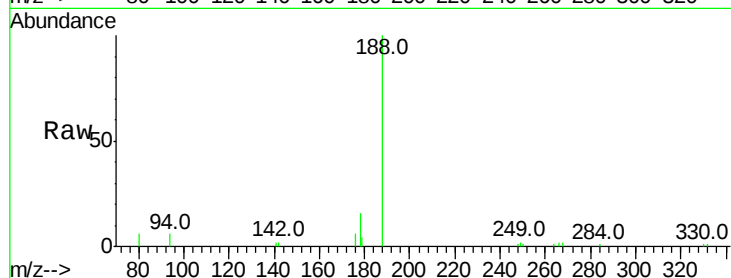
Tot Ion:188 Resp: 11824

Ion Ratio Lower Upper

188 100

94 5.8 16.1 24.1#

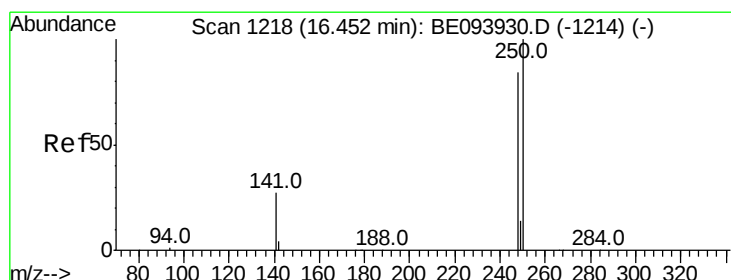
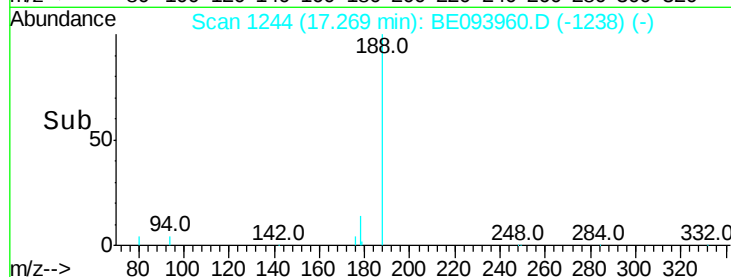
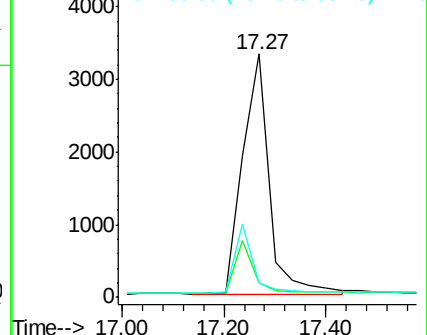
80 6.0 18.2 27.2#



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: 0.158 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

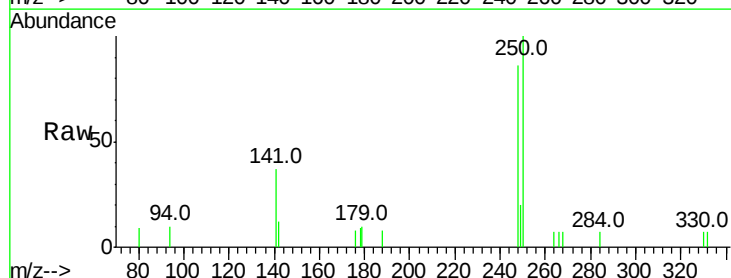
Tgt Ion:248 Resp: 1418

Ion Ratio Lower Upper

248 100

250 116.2 111.8 167.8

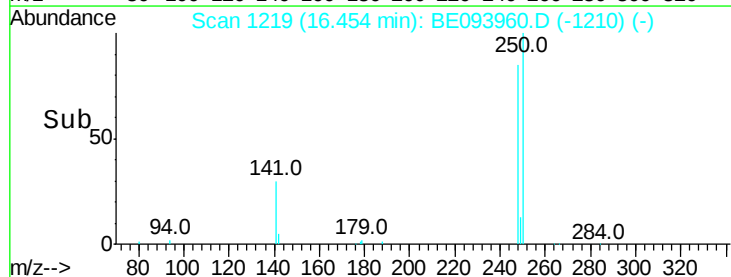
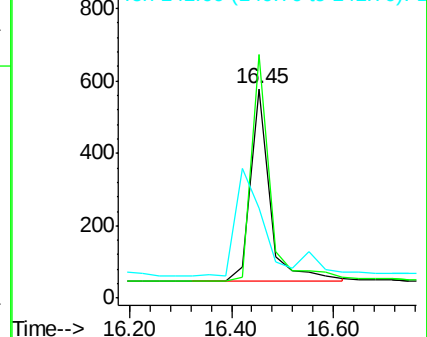
141 43.0 27.1 40.7#



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

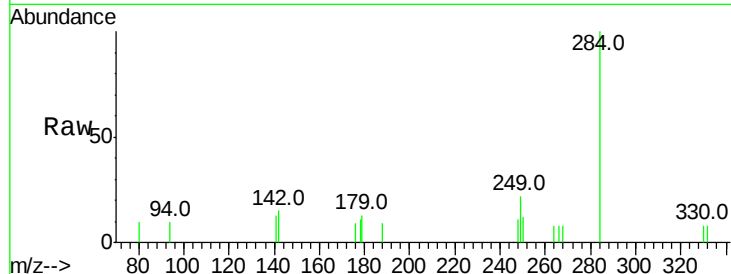




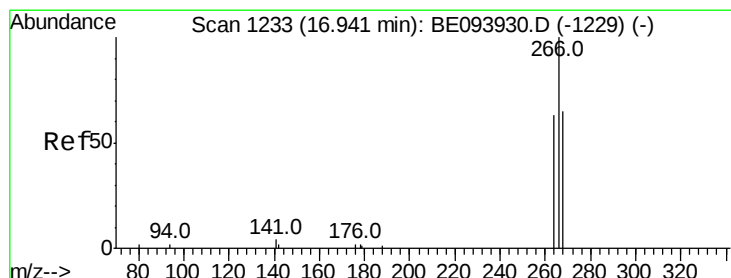
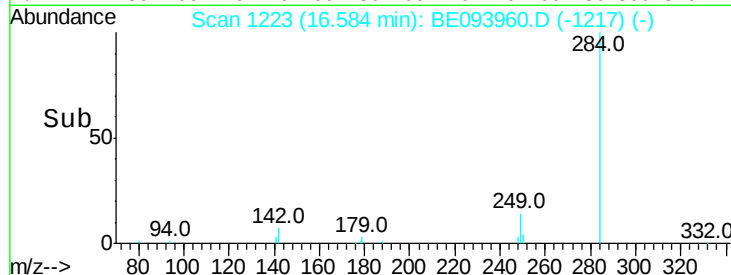
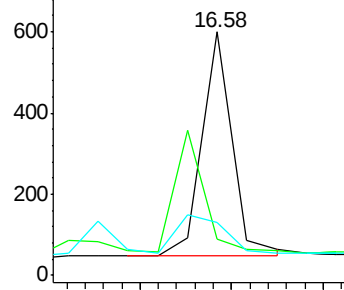
#21
Hexachlorobenzene
Concen: 0.183 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tot Ion:284 Resp: 1281
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

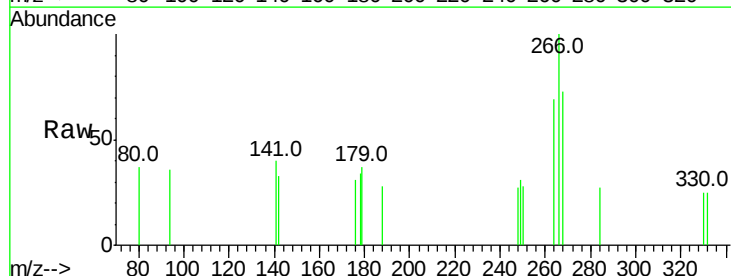


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

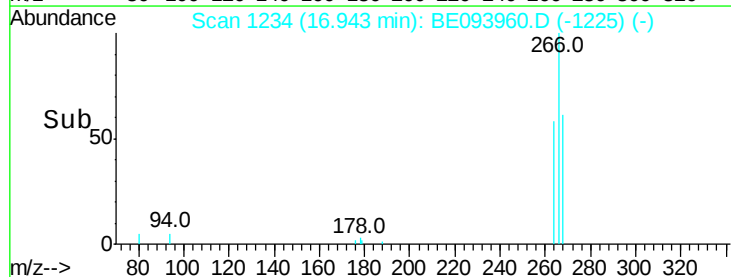
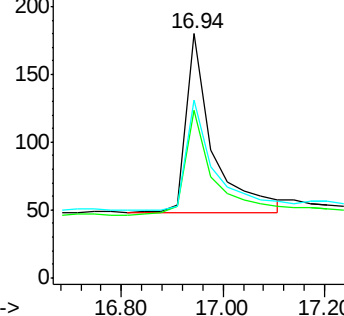


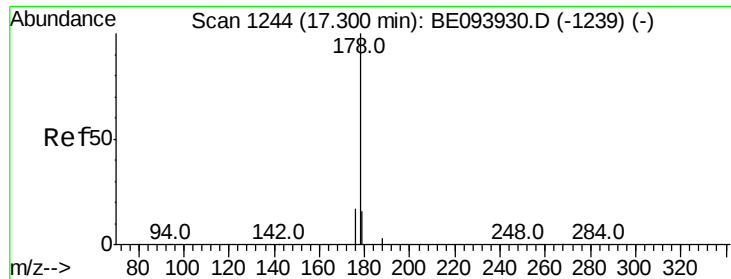
#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:266 Resp: 481
Ion Ratio Lower Upper
266 100
264 68.9 53.5 80.3
268 72.8 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: 0.172 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

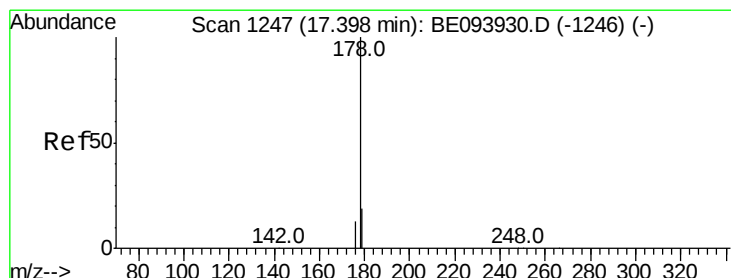
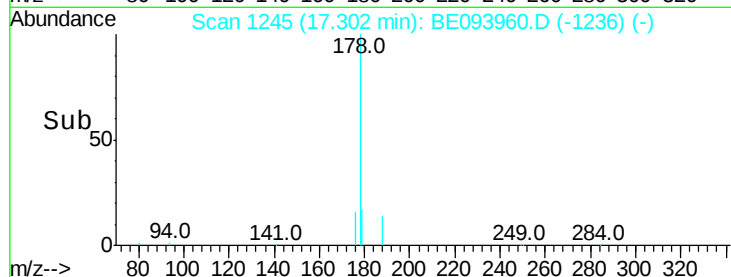
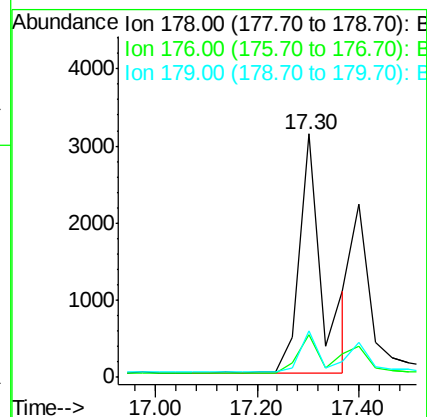
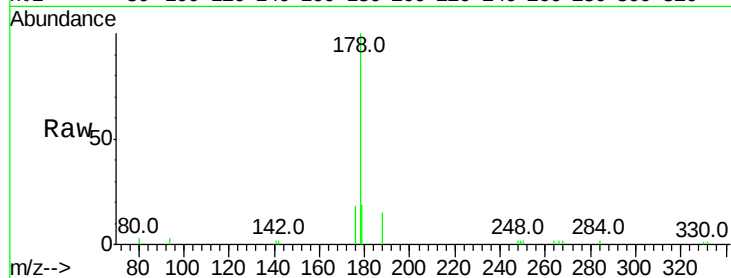
Tot Ion:178 Resp: 9748

Ion Ratio Lower Upper

178 100

176 29.1 0.0 0.0#

179 15.8 12.6 18.8



#24

Anthracene

Concen: 0.270 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

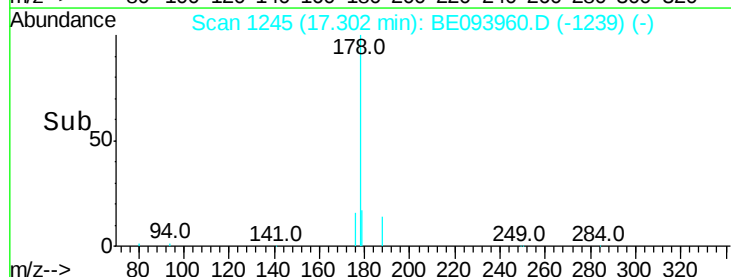
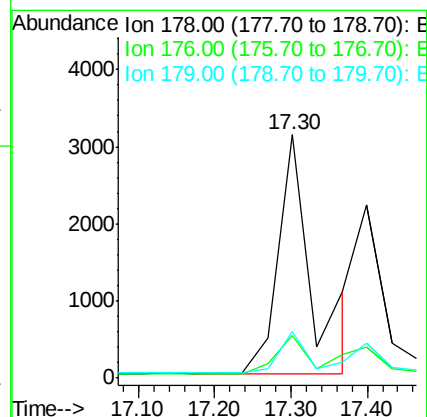
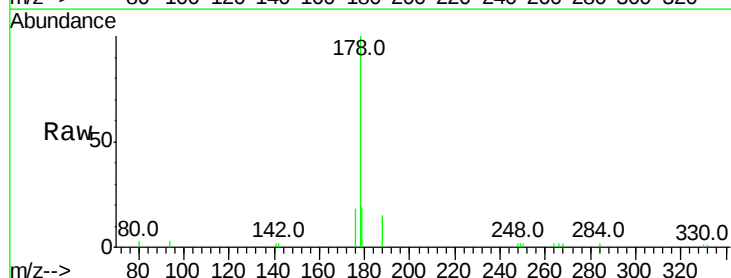
Tgt Ion:178 Resp: 9711

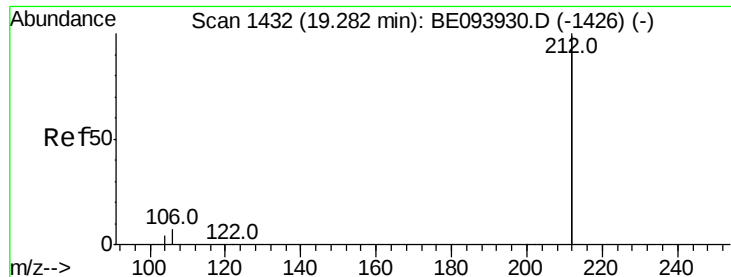
Ion Ratio Lower Upper

178 100

176 29.2 16.0 24.0#

179 15.6 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.261 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

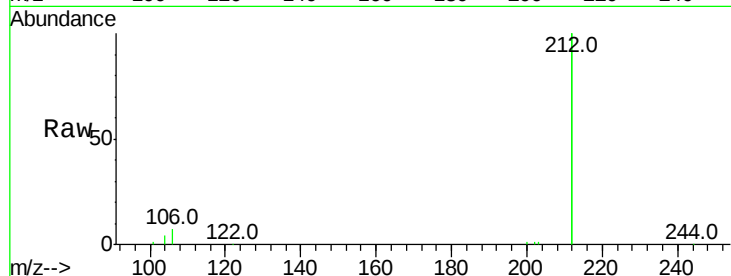
Tot Ion:212 Resp: 45959

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

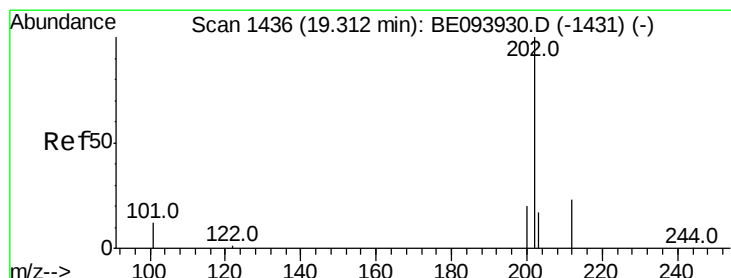
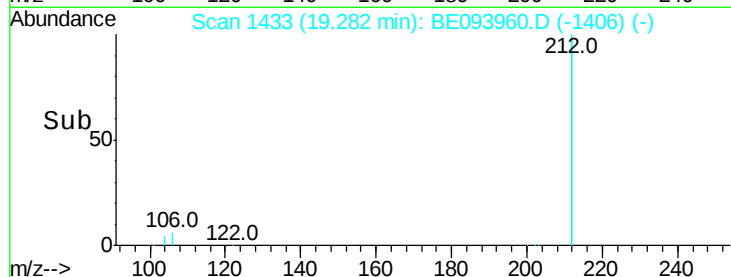
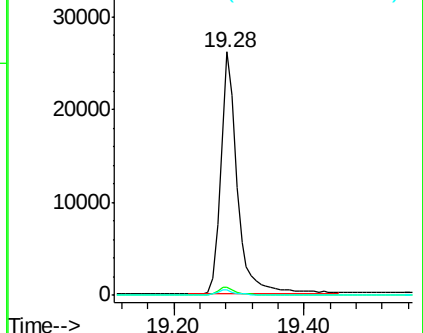
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.212 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

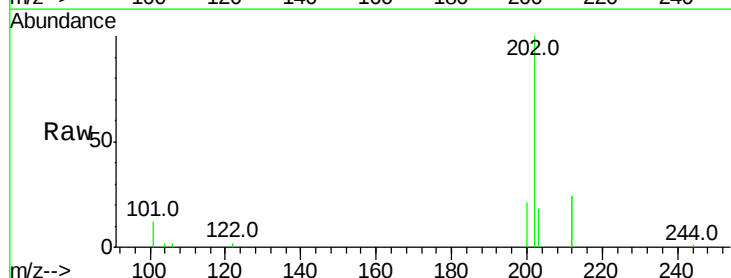
Tgt Ion:202 Resp: 11177

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

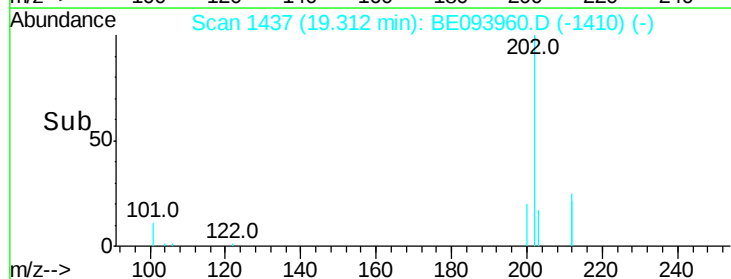
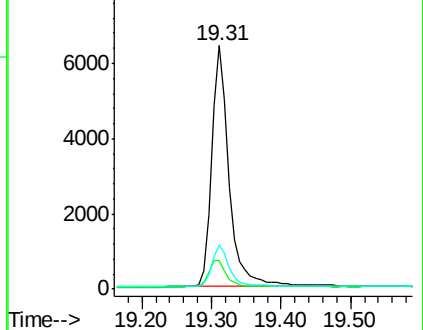
203 16.9 13.7 20.5



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

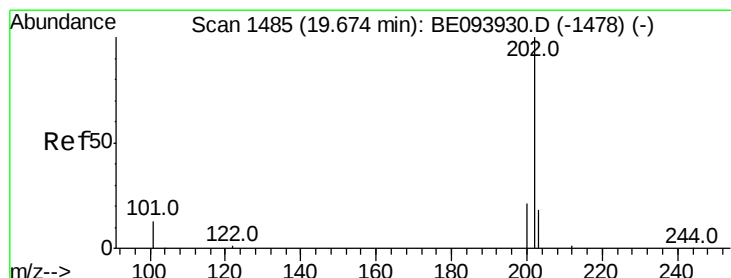
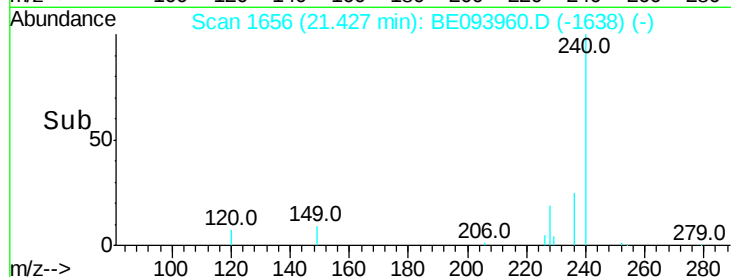
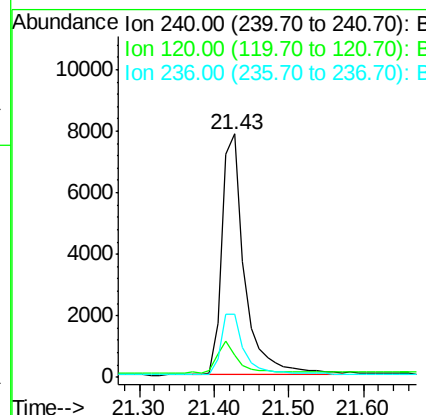
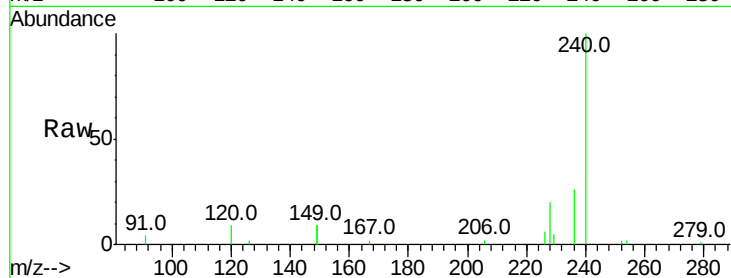




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE093960.D
 Acq: 11 Sep 2017 13:27

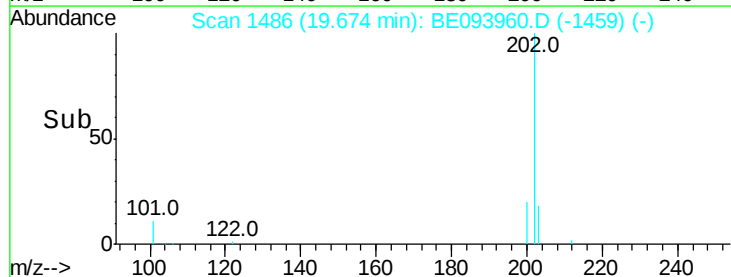
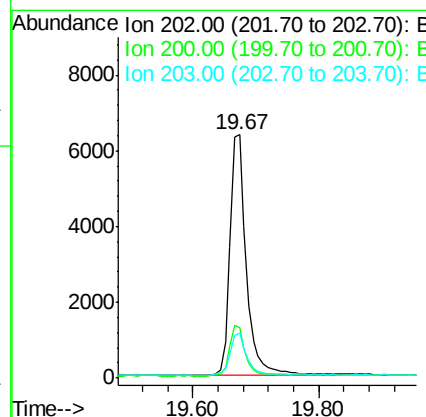
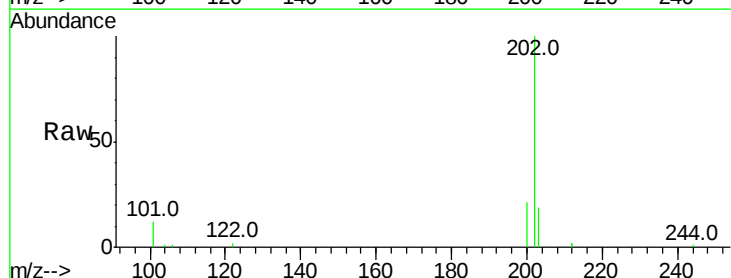
Instrument :
 BNA_E
 ClientSampleId :
 PB102153BSD

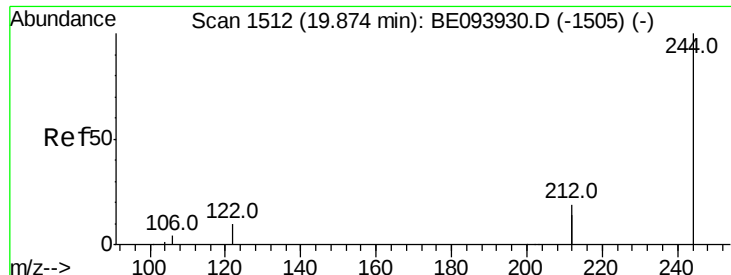
Tot Ion:240 Resp: 16674
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.7 13.1
 236 25.7 21.3 31.9



#28
 Pyrene
 Concen: 0.200 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BE093960.D
 Acq: 11 Sep 2017 13:27

Tgt Ion:202 Resp: 11461
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 24.8
 203 17.7 14.2 21.4





#29

Terphenyl-d14

Concen: 0.278 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

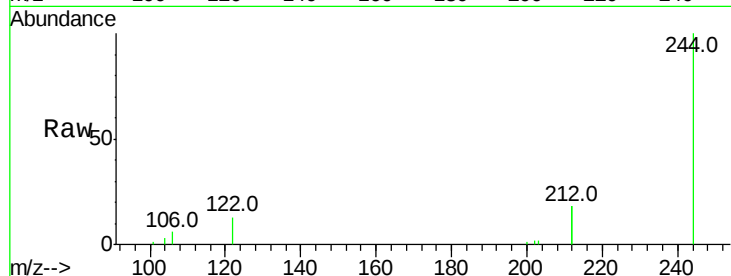
Tot Ion:244 Resp: 8535

Ion Ratio Lower Upper

244 100

212 36.6 28.3 42.5

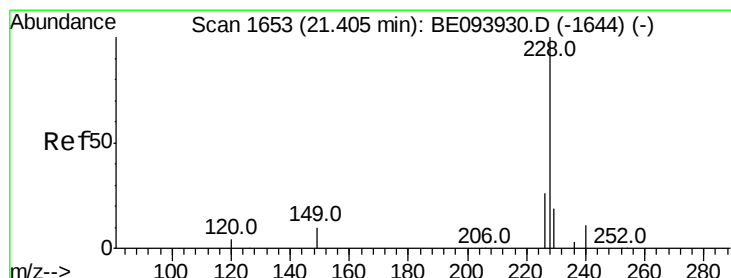
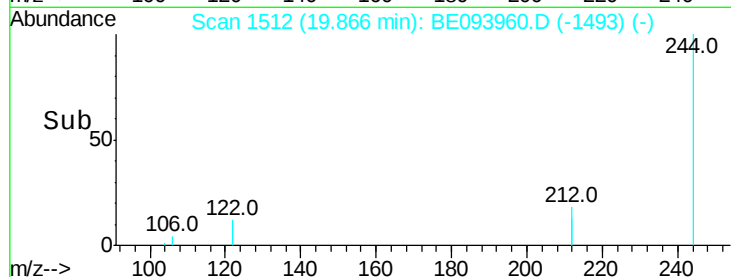
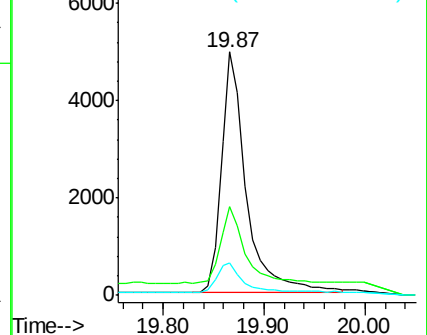
122 13.3 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.200 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

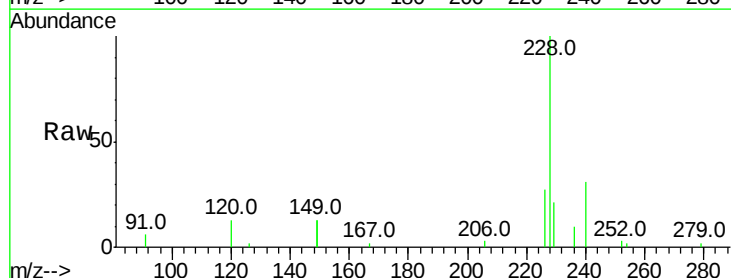
Tgt Ion:228 Resp: 10219

Ion Ratio Lower Upper

228 100

226 27.0 20.8 31.2

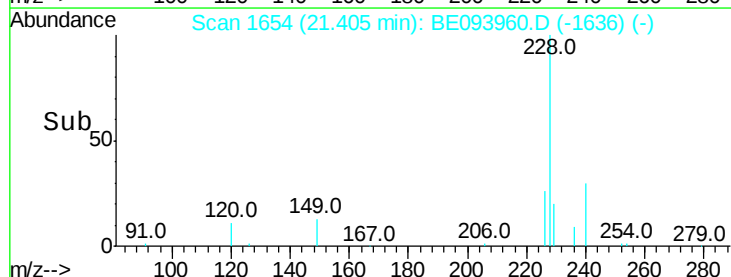
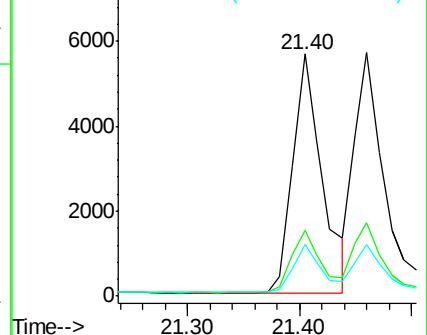
229 21.4 16.6 25.0

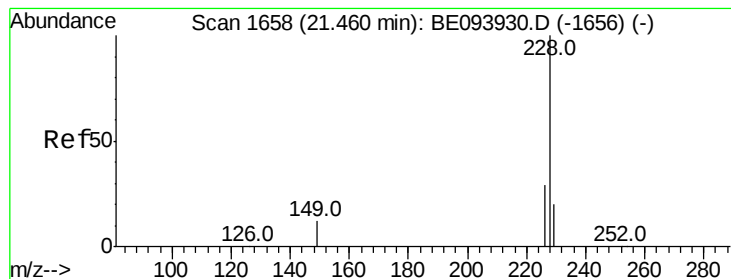


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.200 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

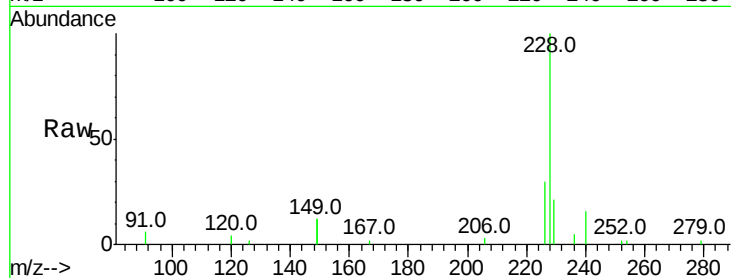
Tot Ion:228 Resp: 10830

Ion Ratio Lower Upper

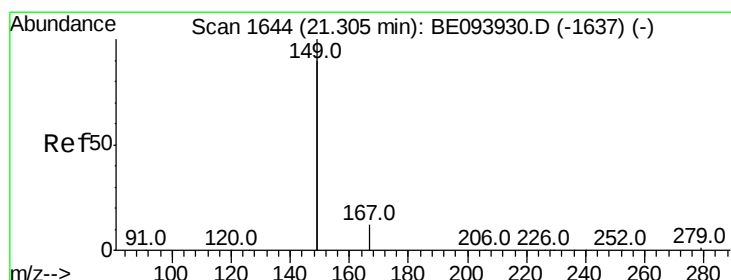
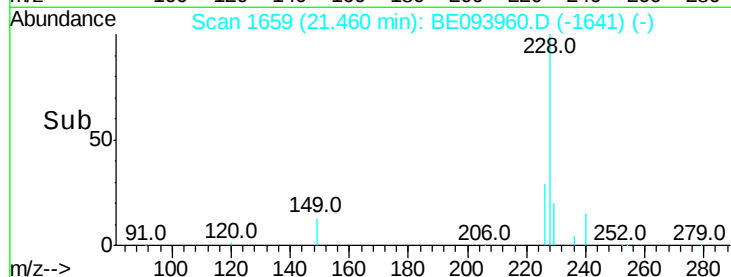
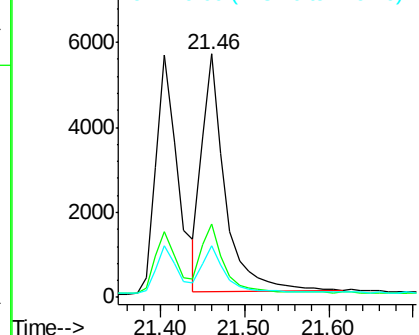
228 100

226 30.1 24.6 37.0

229 21.2 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: 0.296 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

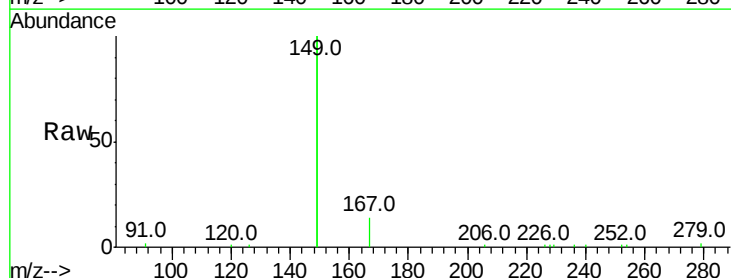
Tgt Ion:149 Resp: 36854

Ion Ratio Lower Upper

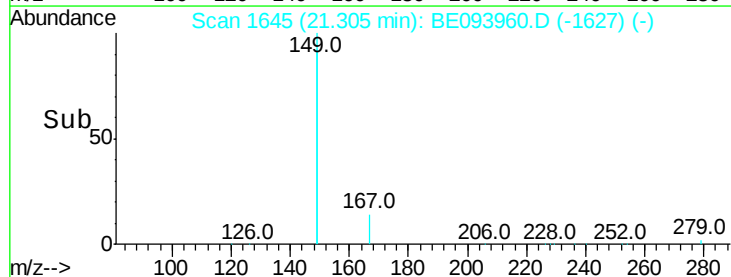
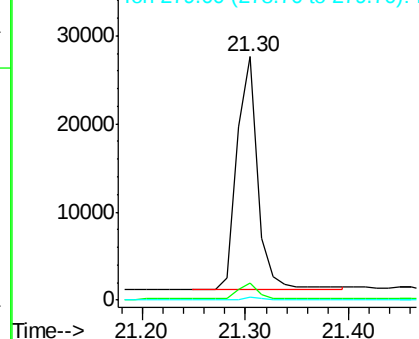
149 100

167 6.5 5.4 8.0

279 0.9 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: 0.165 ng

RT: 26.61 min Scan# 2712

Delta R.T. 0.01 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

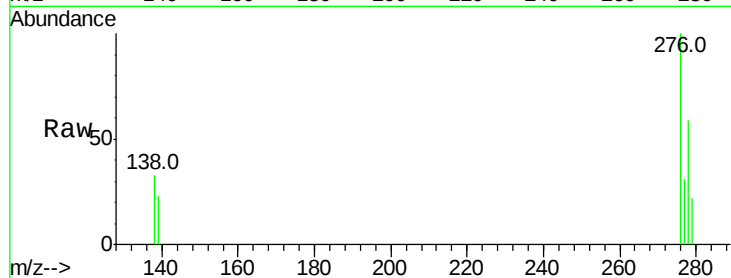
Tot Ion:276 Resp: 5954

Ion Ratio Lower Upper

276 100

138 23.8 22.2 33.2

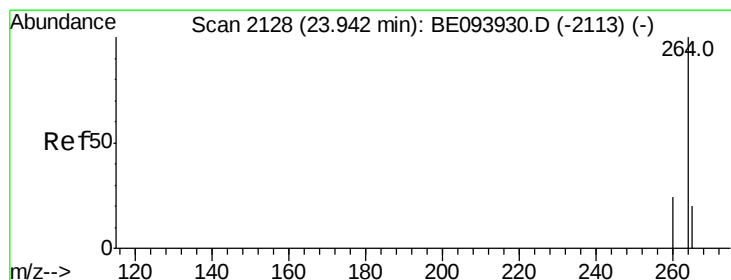
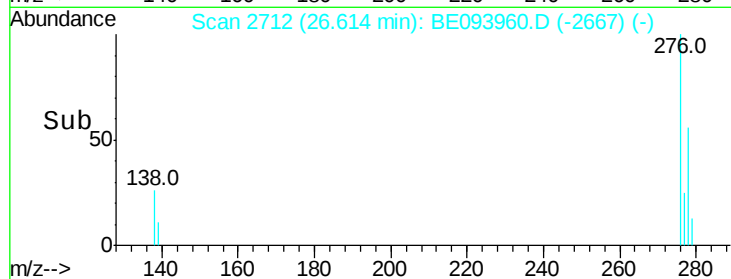
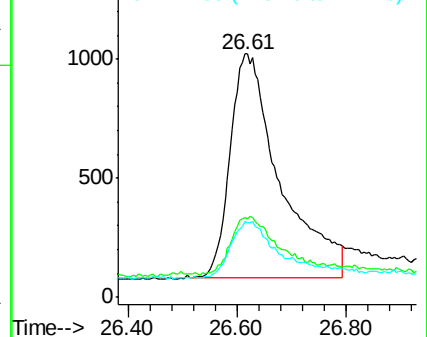
277 24.2 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

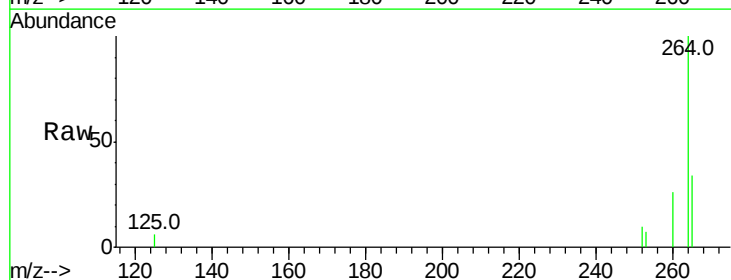
Tgt Ion:264 Resp: 12722

Ion Ratio Lower Upper

264 100

260 25.8 20.0 30.0

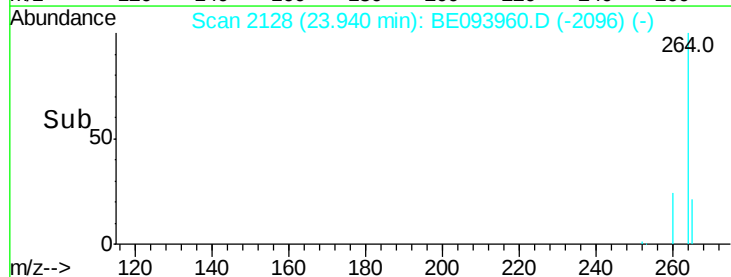
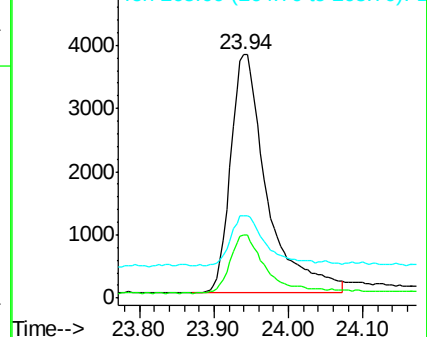
265 34.0 24.0 36.0

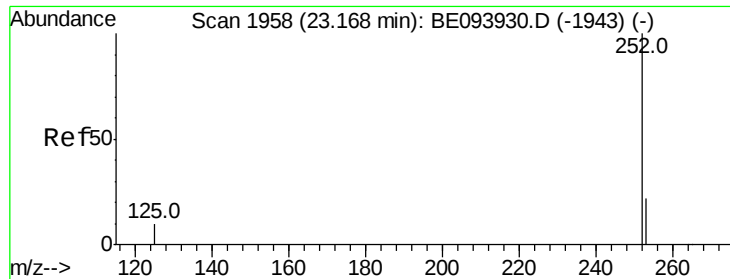


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.199 ng

RT: 23.17 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD

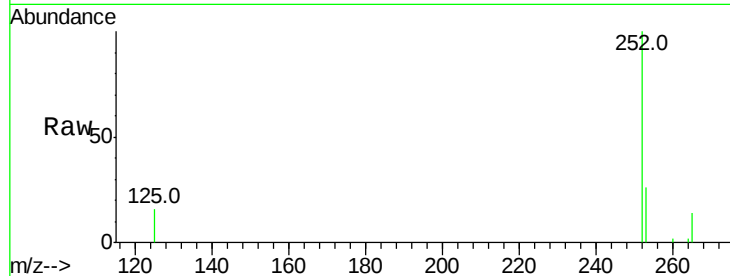
Tot Ion:252 Resp: 8064

Ion Ratio Lower Upper

252 100

253 26.1 19.4 29.0

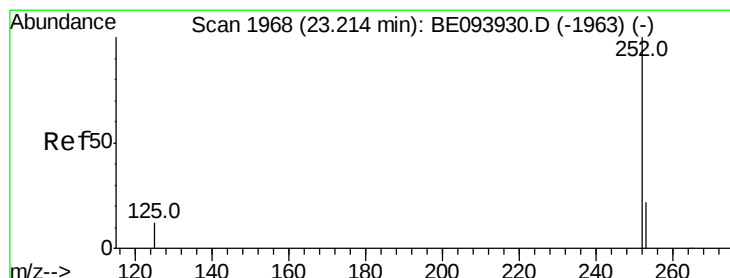
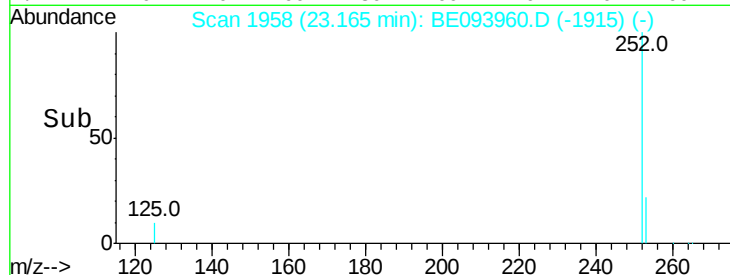
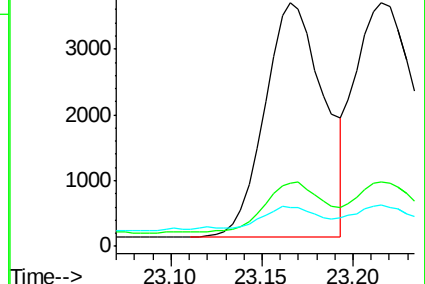
125 16.1 10.0 15.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.217 ng

RT: 23.22 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BE093960.D

Acq: 11 Sep 2017 13:27

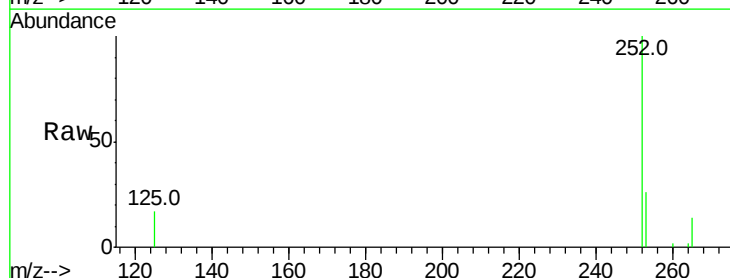
Tgt Ion:252 Resp: 10780

Ion Ratio Lower Upper

252 100

253 26.3 18.1 27.1

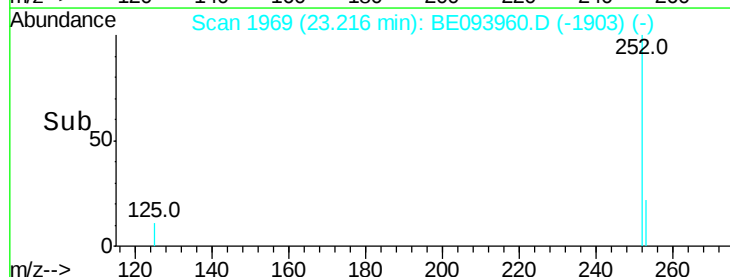
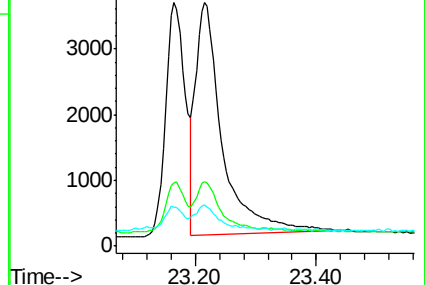
125 16.8 9.8 14.6#



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

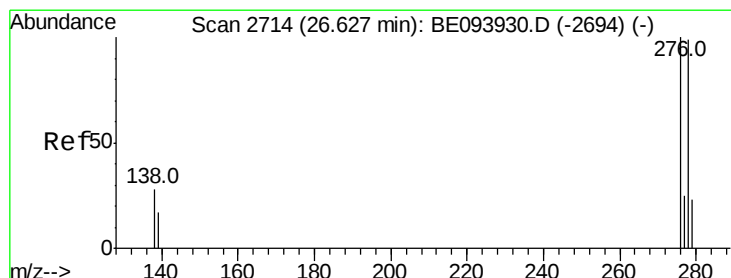
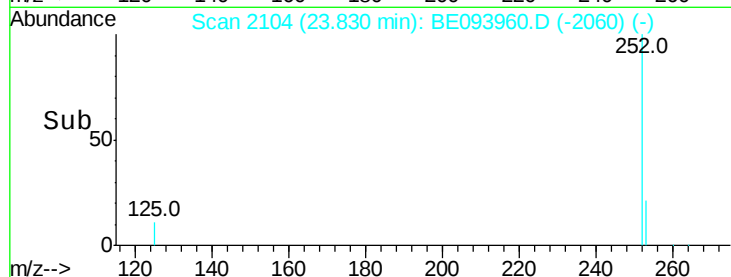
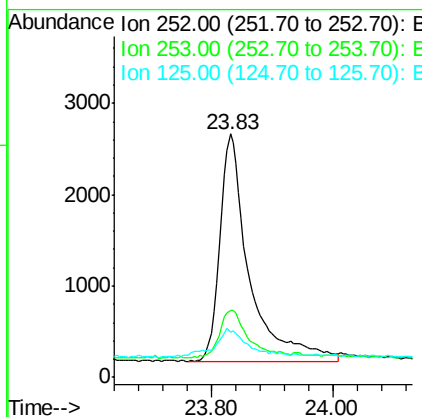
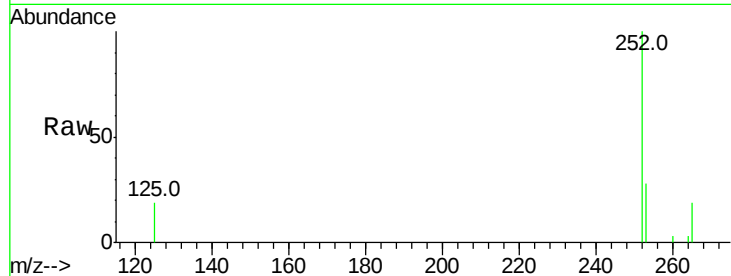




#37
Benzo(a)pyrene
Concen: 0.203 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

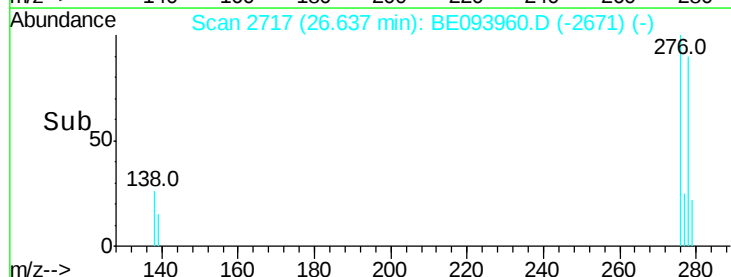
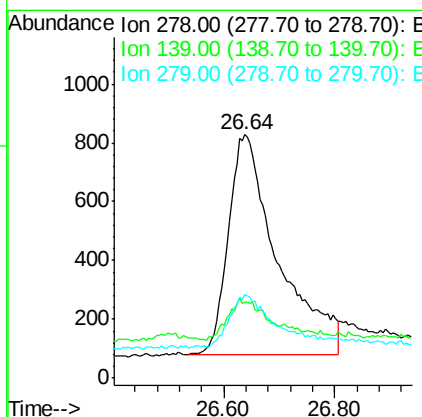
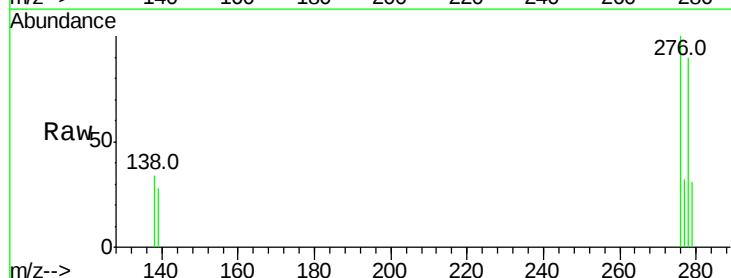
Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tot Ion:252 Resp: 8356
Ion Ratio Lower Upper
252 100
253 27.7 19.6 29.4
125 18.7 11.8 17.8#



#38
Dibenzo(a,h)anthracene
Concen: 0.170 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:278 Resp: 4654
Ion Ratio Lower Upper
278 100
139 30.9 16.7 25.1#
279 34.5 21.6 32.4#





#39

Benzo(a,h,i)perylene

Concen: 0.184 ng

RT: 27.43 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BE093960.D

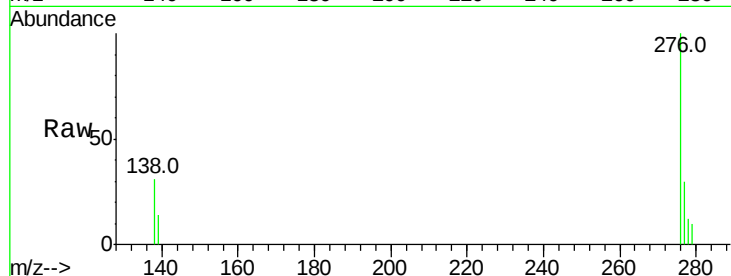
Acq: 11 Sep 2017 13:27

Instrument :

BNA_E

ClientSampleId :

PB102153BSD



Tot Ion:276 Resp: 5318

Ion Ratio Lower Upper

276 100

277 30.4 20.6 30.8

138 30.7 21.9 32.9

