

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094120.D
 Acq On : 26 Sep 2017 2:06
 Operator : SJ/JU
 Sample : I5340-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 03:55:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	357	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	1809	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	1194	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	4281	0.40	ng	0.00
27) Chrysene-d12	21.40	240	3388	0.40	ng	0.00
34) Perylene-d12	23.91	264	3119	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	630	0.47	ng	0.00
5) Phenol-d6	7.10	99	750	0.40	ng	0.01
8) Nitrobenzene-d5	9.06	82	682	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	900	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	145	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1197	0.30	ng	0.02
25) Fluoranthene-d10	19.27	212	10235	0.25	ng	0.00
29) Terphenyl-d14	19.85	244	1643	0.27	ng	0.00

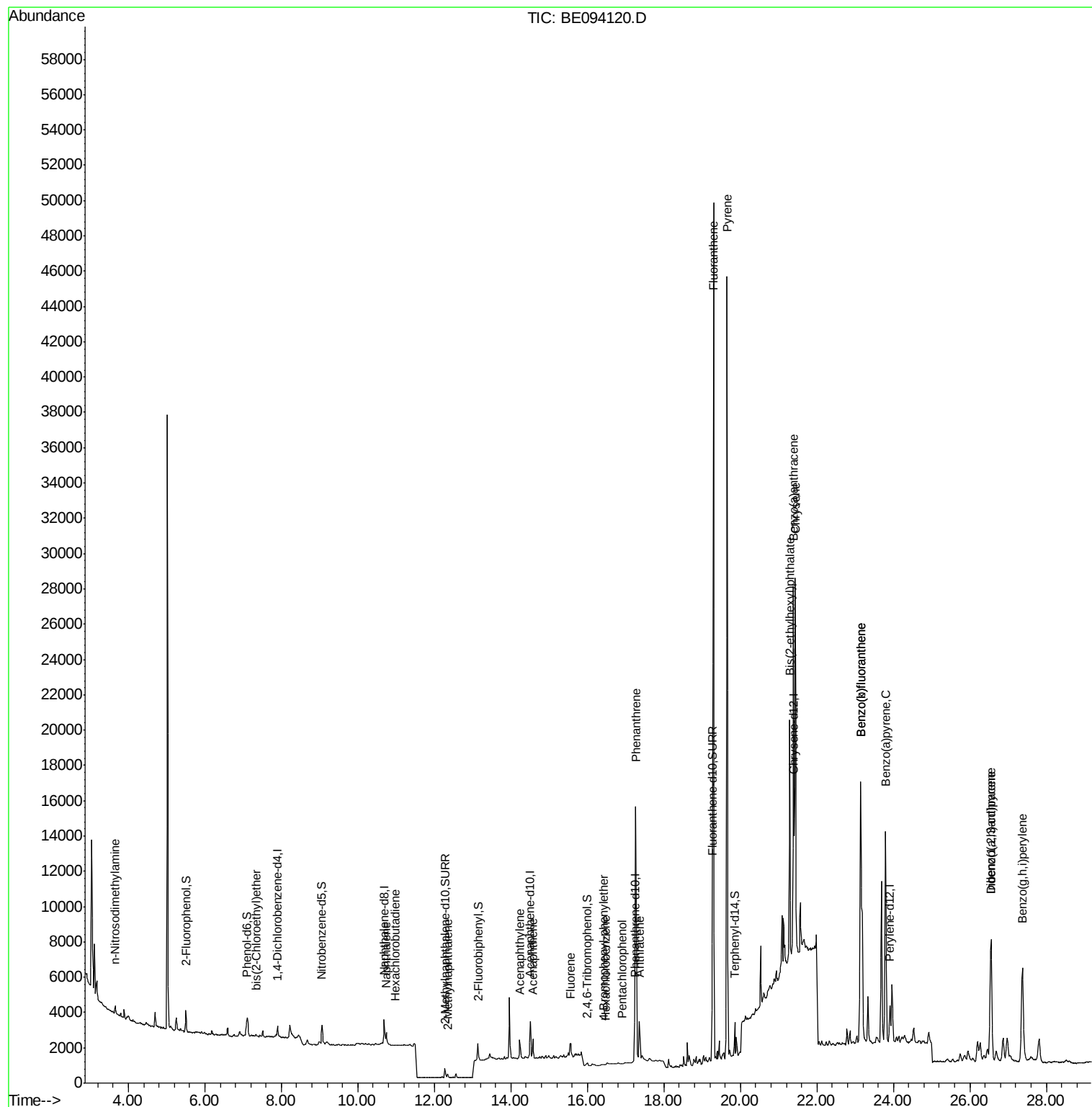
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.65	42	162	0.182	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	163	0.112	ng	# 1
9) Naphthalene	10.74	128	1297	0.063	ng	# 82
10) Hexachlorobutadiene	10.97	225	13	0.017	ng	# 82
12) 2-Methylnaphthalene	12.35	142	154	0.047	ng	# 72
16) Acenaphthylene	14.23	152	1540	0.257	ng	99
17) Acenaphthene	14.57	154	534	0.143	ng	98
18) Fluorene	15.56	166	733	0.144	ng	90
20) 4-Bromophenyl-phenylether	16.42	248	20	0.011	ng	# 17
21) Hexachlorobenzene	16.49	284	14	0.013	ng	# 38
22) Pentachlorophenol	16.91	266	10	0.010	ng	93
23) Phenanthrene	17.27	178	21840	1.994	ng	98
24) Anthracene	17.37	178	3822	0.333	ng	# 89
26) Fluoranthene	19.30	202	45490	3.706	ng	100
28) Pyrene	19.66	202	43177	4.022	ng	# 96
30) Benzo(a)anthracene	21.38	228	20250	1.775	ng	96
31) Chrysene	21.44	228	22348	2.030	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	16565	0.350	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	12909	1.096	ng	96
35) Benzo(b)fluoranthene	23.14	252	27460	2.440	ng	# 93
36) Benzo(k)fluoranthene	23.14	252	27460	2.548	ng	# 94
37) Benzo(a)pyrene	23.79	252	19215	1.890	ng	# 93
38) Dibenzo(a,h)anthracene	26.56	278	3083	0.320	ng	# 55
39) Benzo(g,h,i)perylene	27.37	276	13278	1.393	ng	97

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

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ALS Vial : 14 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

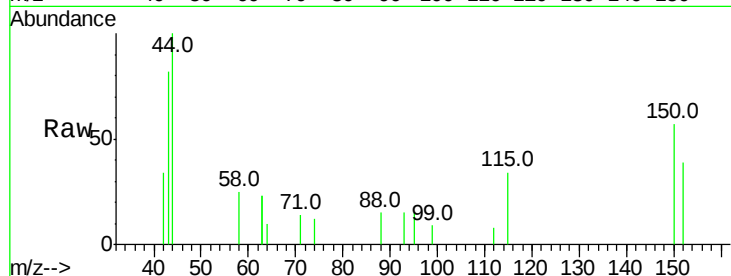
Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampled :



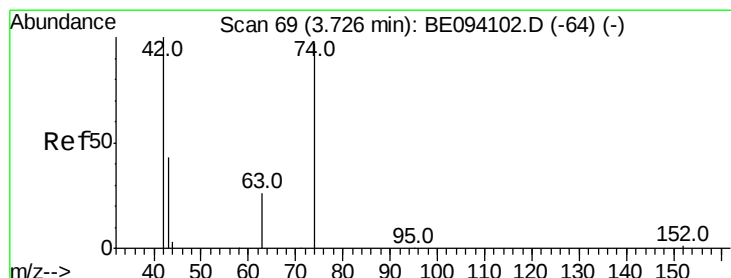
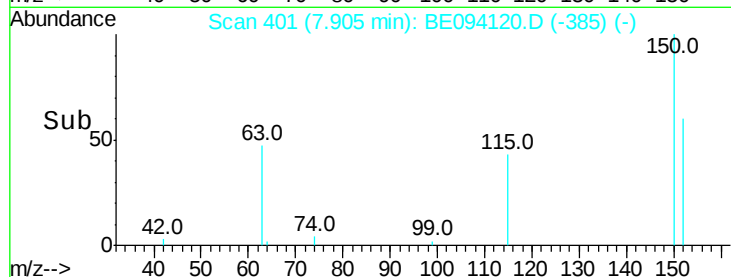
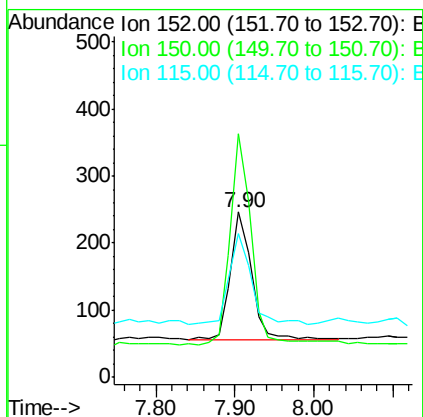
Tot Ion:152 Resp: 357

Ion Ratio Lower Upper

152 100

150 147.6 117.2 175.8

115 87.4 57.0 85.6#



#3

n-Nitrosodimethylamine

Concen: 0.182 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.08 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

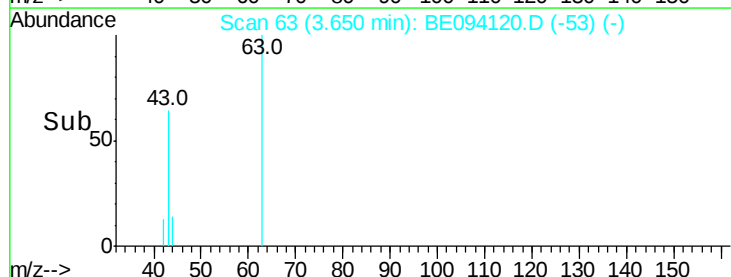
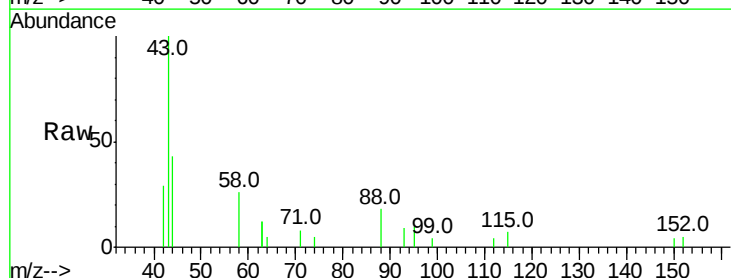
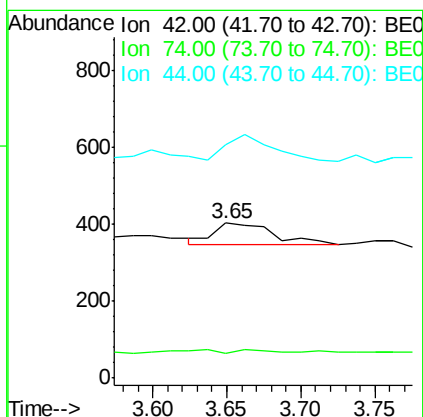
Tgt Ion: 42 Resp: 162

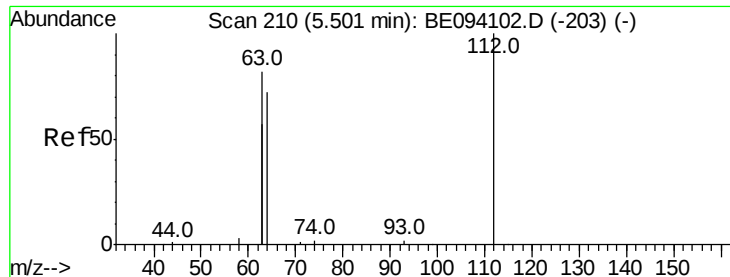
Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

44 94.4 17.0 25.4#





#4

2-Fluorophenol

Concen: 0.466 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampleId :

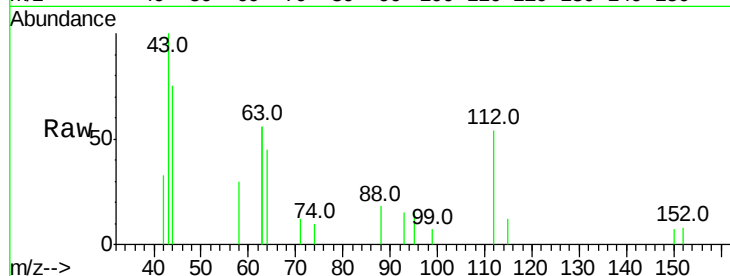
Tot Ion: 112 Resp: 630

Ion Ratio Lower Upper

112 100

64 77.0 60.1 90.1

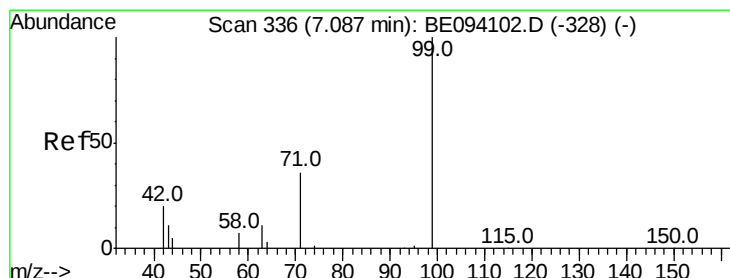
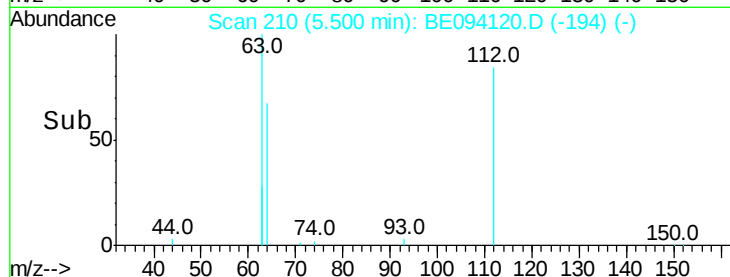
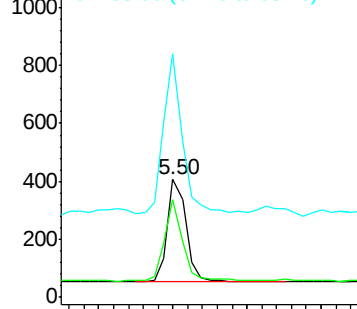
63 152.2 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.399 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

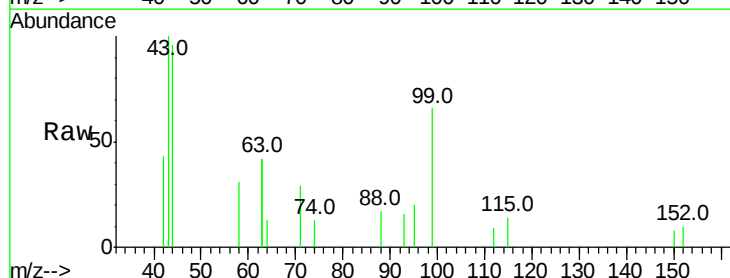
Tgt Ion: 99 Resp: 750

Ion Ratio Lower Upper

99 100

42 29.1 20.2 30.2

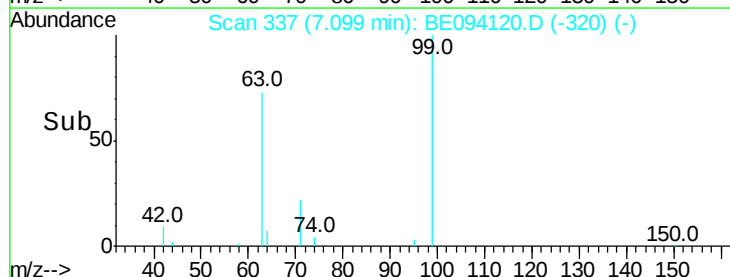
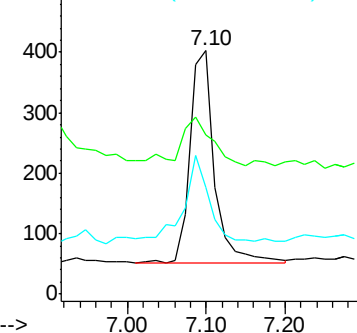
71 39.9 28.4 42.6

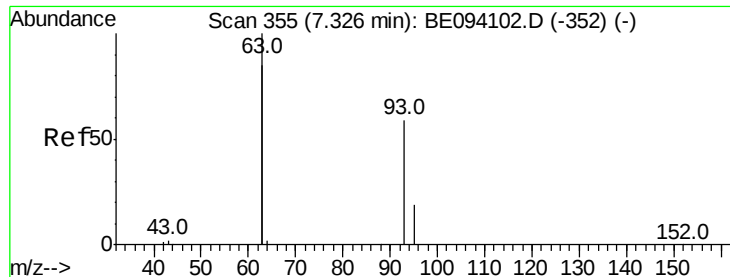


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.112 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampleId :

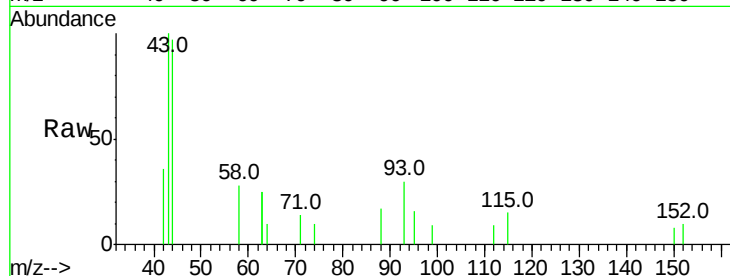
Tot Ion: 93 Resp: 163

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

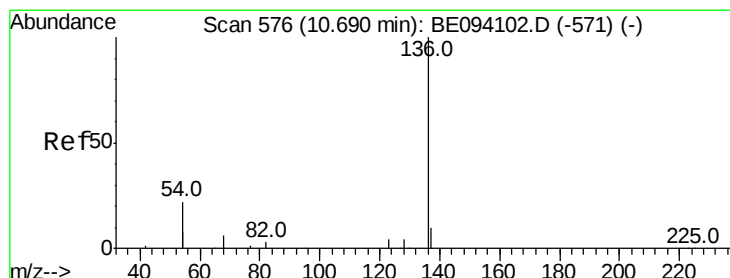
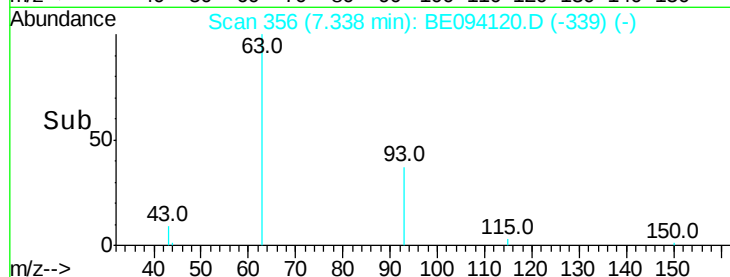
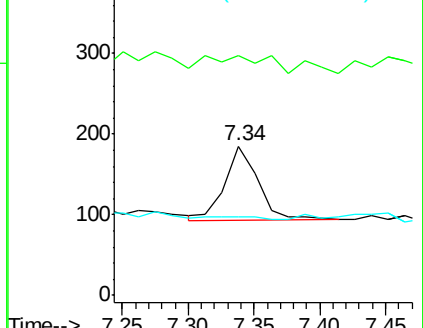
95 0.0 25.2 37.8#



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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Tgt Ion: 136 Resp: 1809

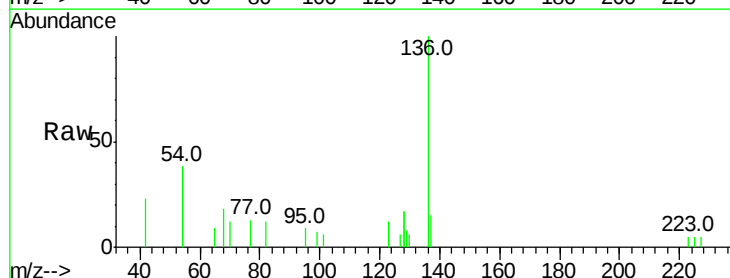
Ion Ratio Lower Upper

136 100

137 15.4 9.5 14.3#

54 76.6 29.1 43.7#

68 17.6 6.2 9.2#

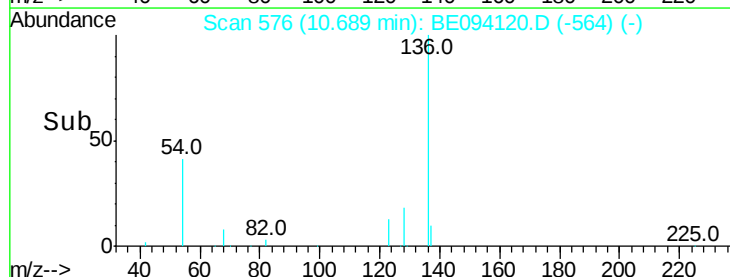
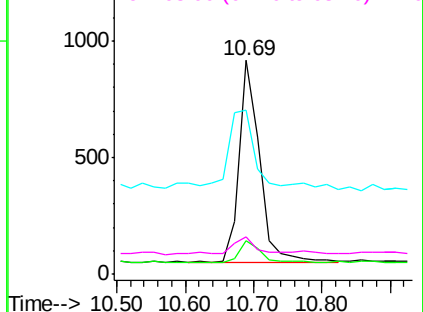


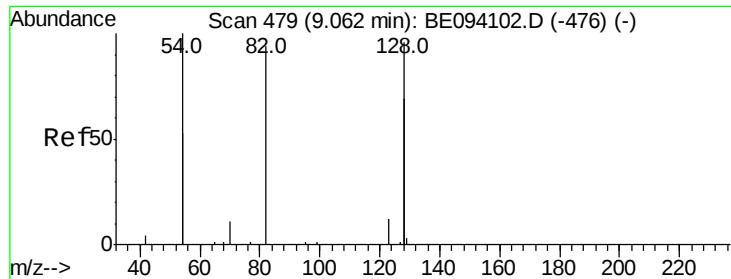
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampled :

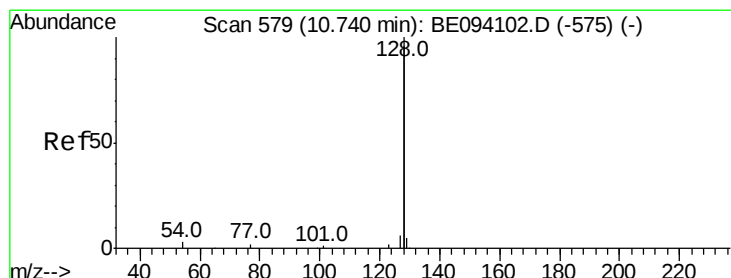
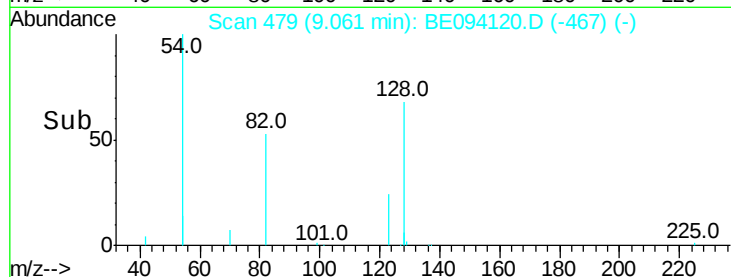
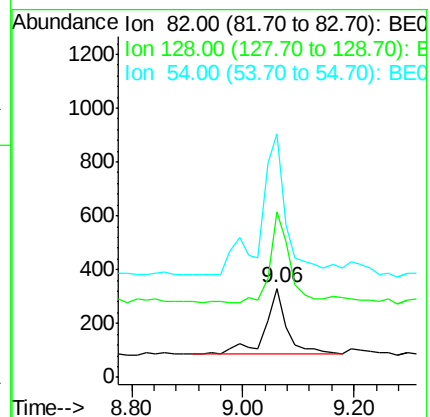
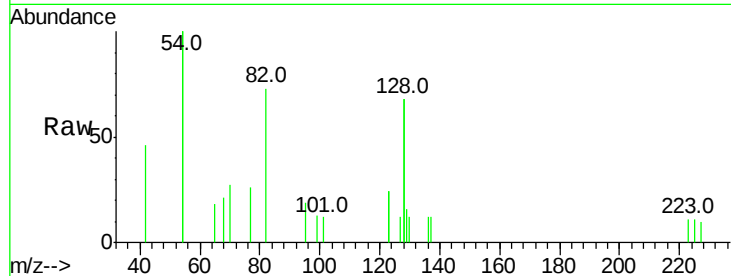
Tot Ion: 82 Resp: 682

Ion Ratio Lower Upper

82 100

128 185.5 150.0 225.0

54 273.1 154.2 231.4#



#9

Naphthalene

Concen: 0.063 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

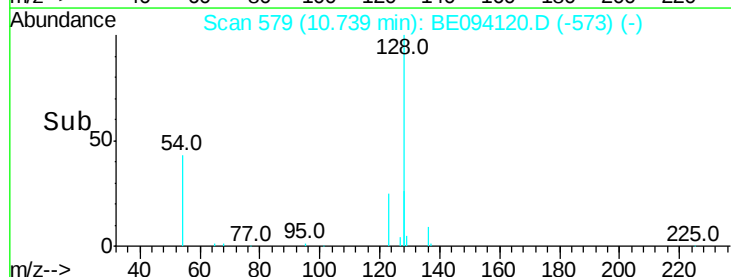
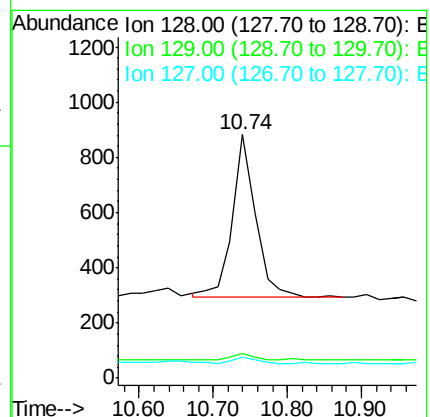
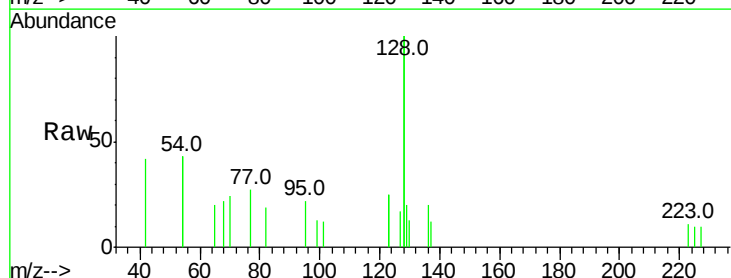
Tgt Ion: 128 Resp: 1297

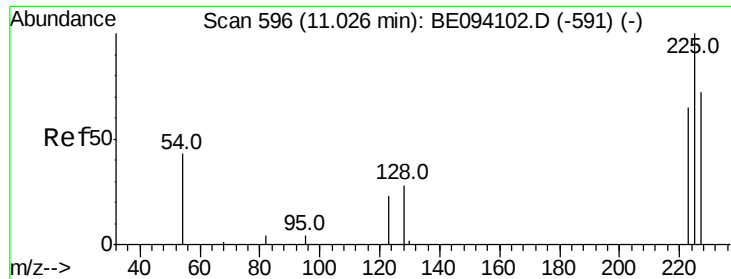
Ion Ratio Lower Upper

128 100

129 10.0 2.6 3.8#

127 8.6 2.8 4.2#

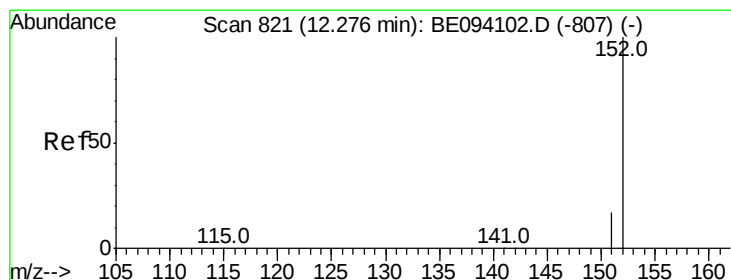
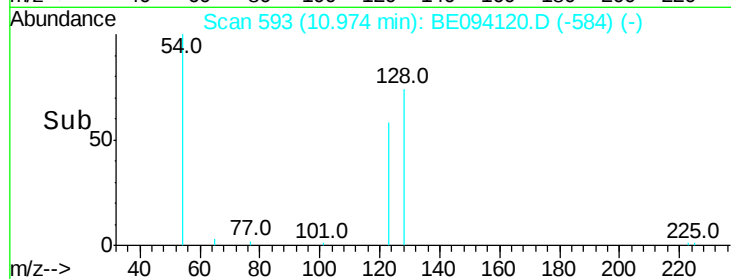
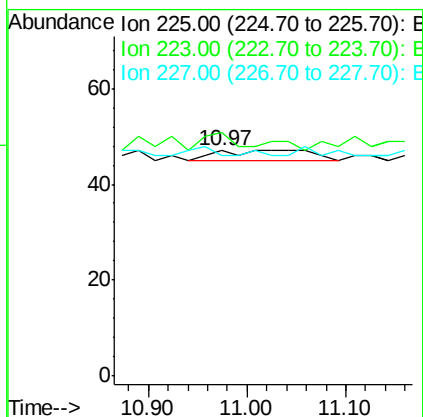
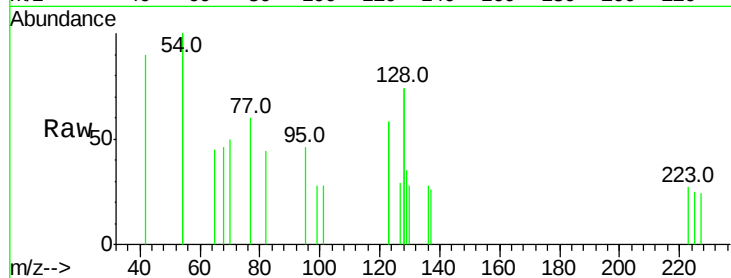




#10
Hexachlorobutadiene
Concen: 0.017 ng
RT: 10.97 min Scan# 593
Delta R.T. -0.05 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

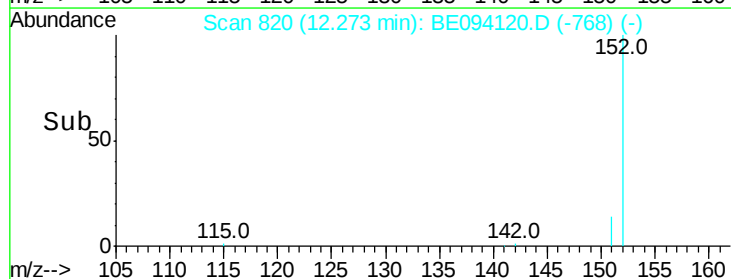
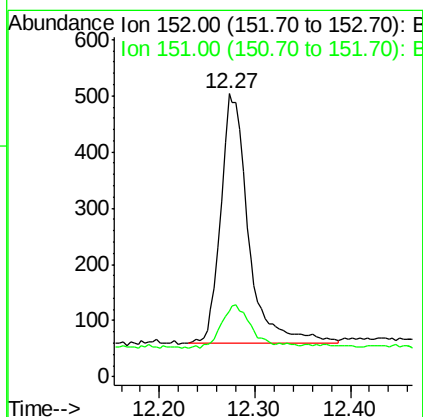
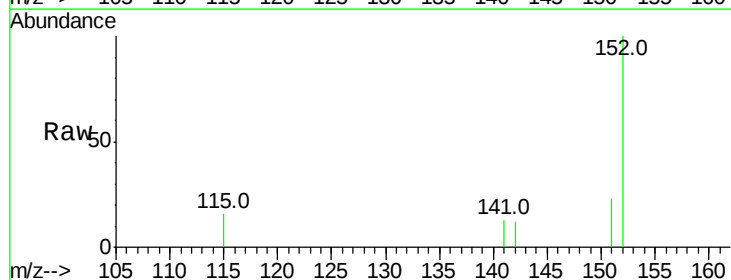
Instrument :
BNA_E
ClientSampleId :

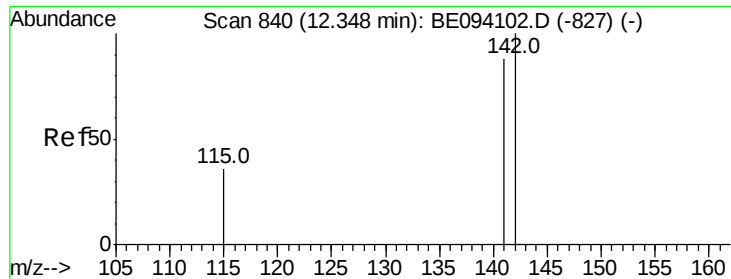
Tot Ion:225 Resp: 13
Ion Ratio Lower Upper
225 100
223 69.2 53.0 79.6
227 38.5 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

Tgt Ion:152 Resp: 900
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.0

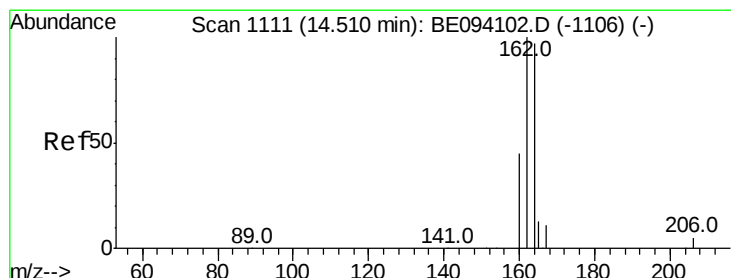
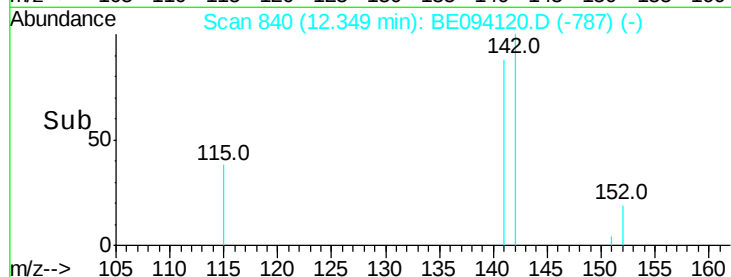
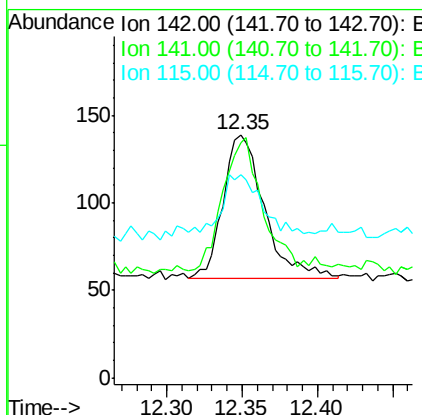
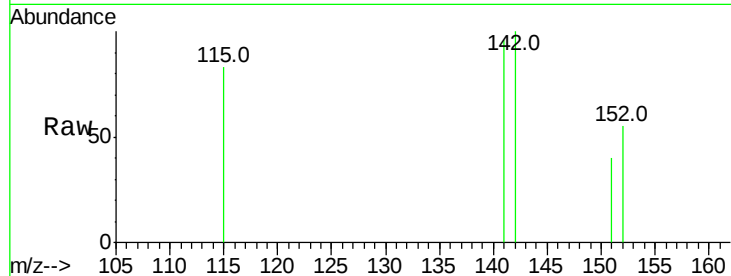




#12
2-Methylnaphthalene
Concen: 0.047 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

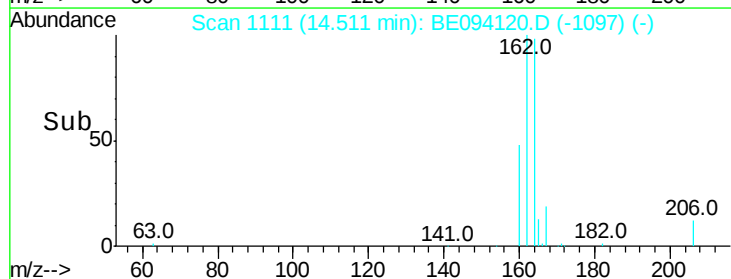
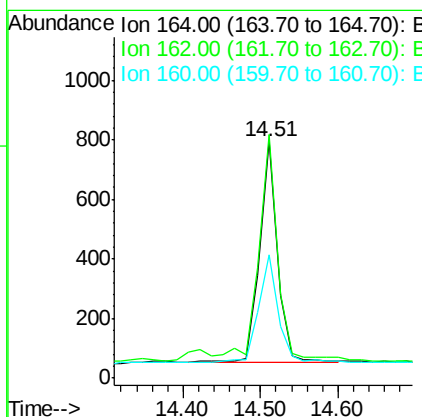
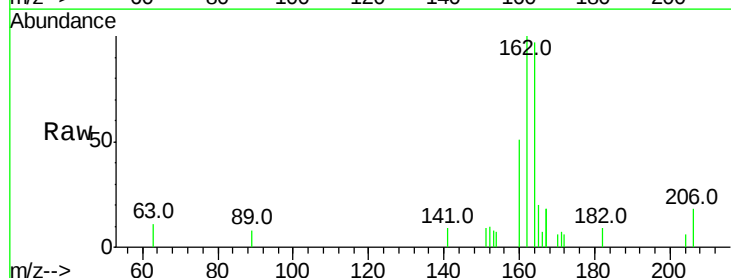
Instrument :
BNA_E
ClientSampled :

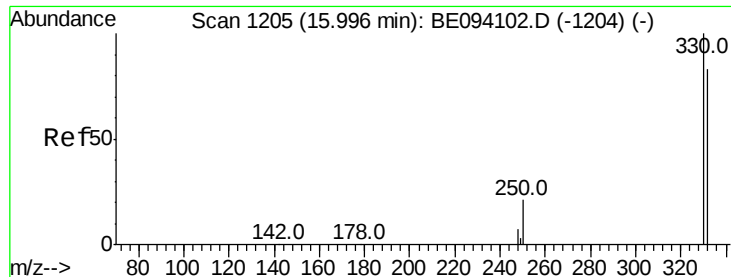
Tot Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
141 96.4 70.4 105.6
115 83.5 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

Tgt Ion:164 Resp: 1194
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 52.1 37.1 55.7

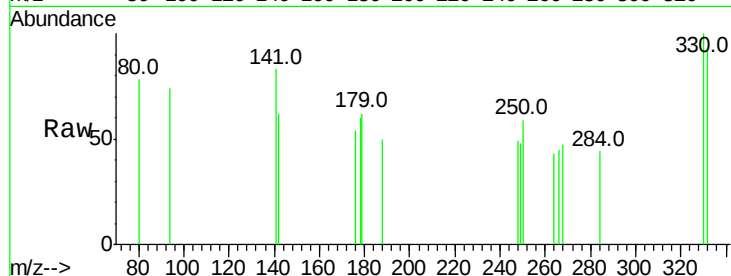




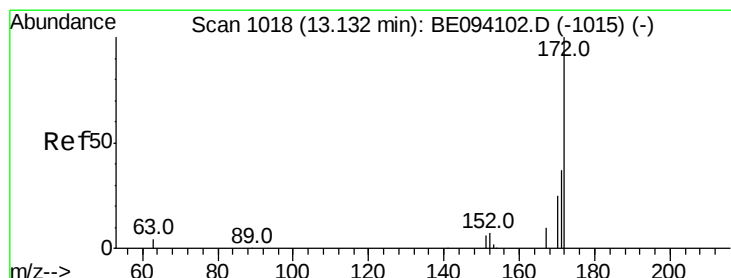
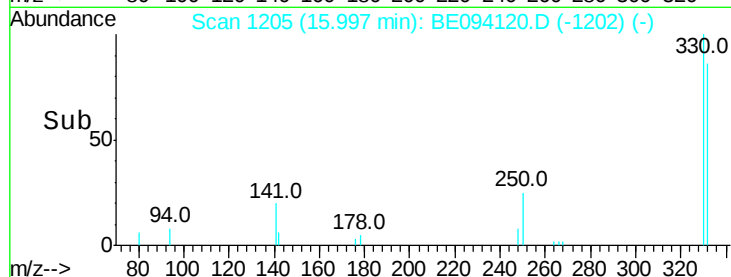
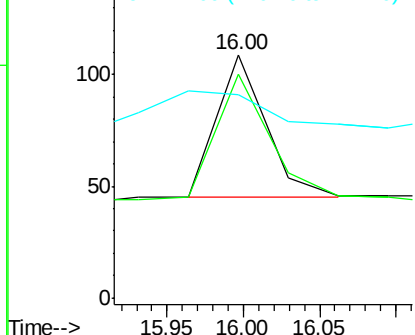
#14
 2,4,6-Tribromophenol
 Concen: 0.192 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 145
 Ion Ratio Lower Upper
 330 100
 332 90.3 152.7 229.1#
 141 0.0 33.7 50.5#

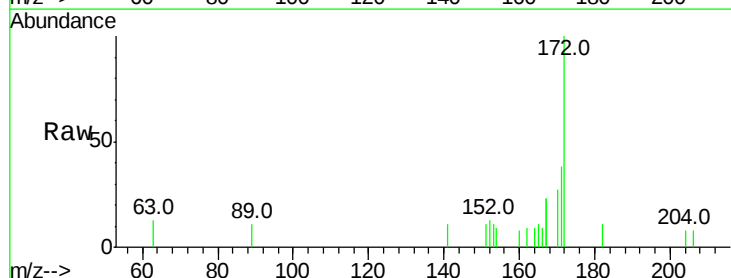


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

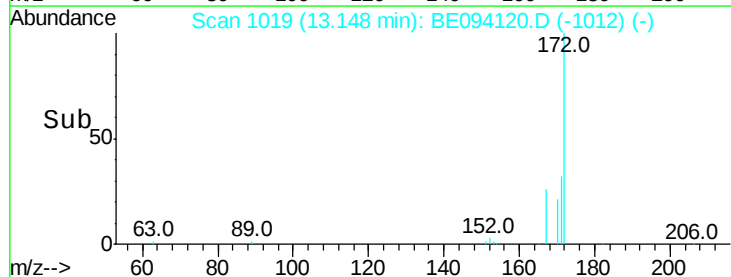
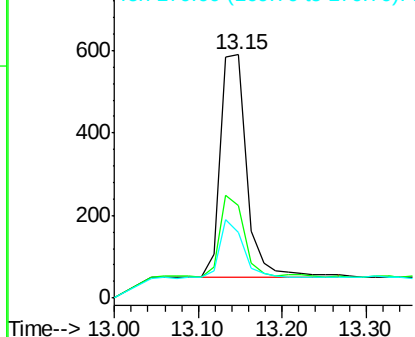


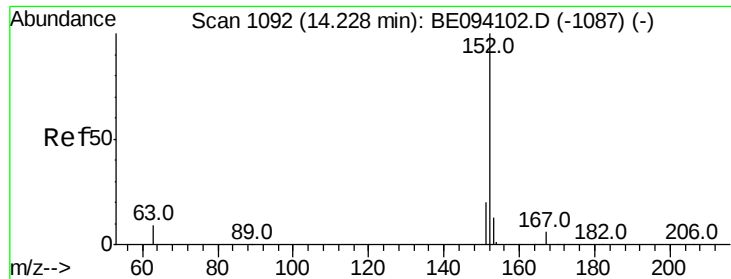
#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.02 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

Tgt Ion:172 Resp: 1197
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.9 44.9
 170 27.1 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

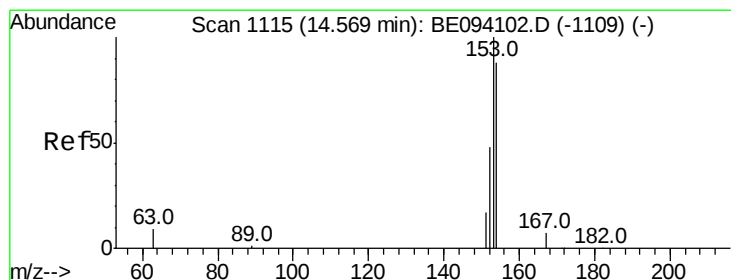
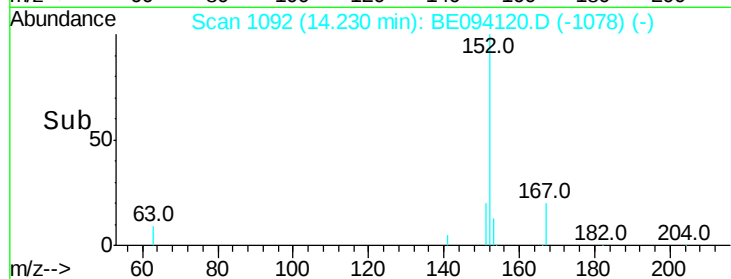
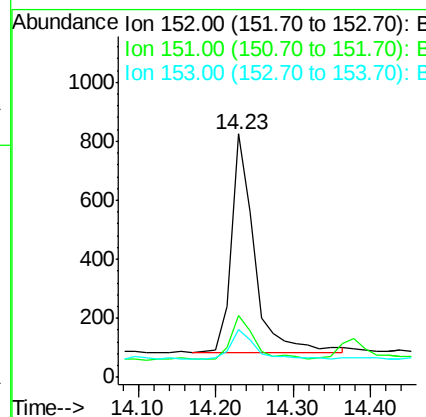
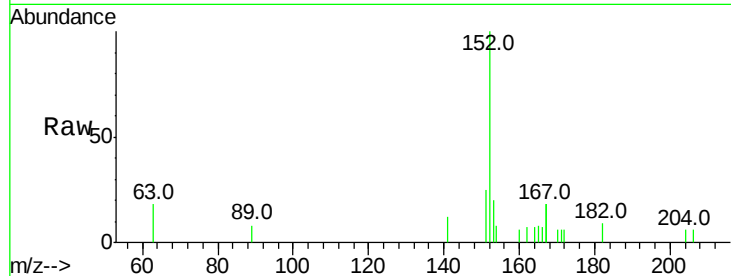




#16
Acenaphthylene
Concen: 0.257 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

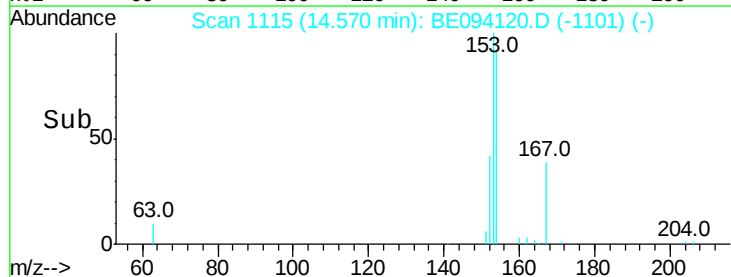
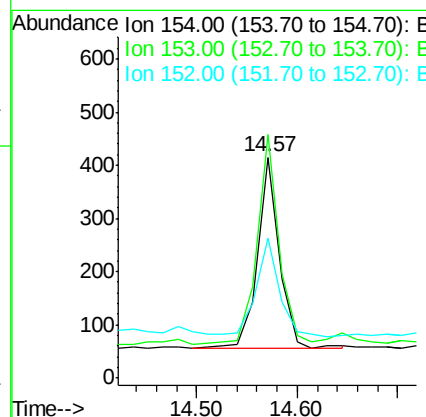
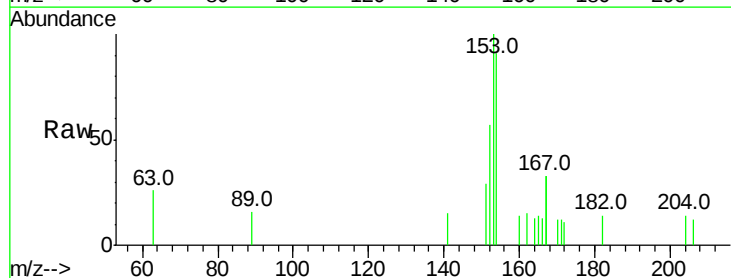
Instrument :
BNA_E
ClientSampleId :

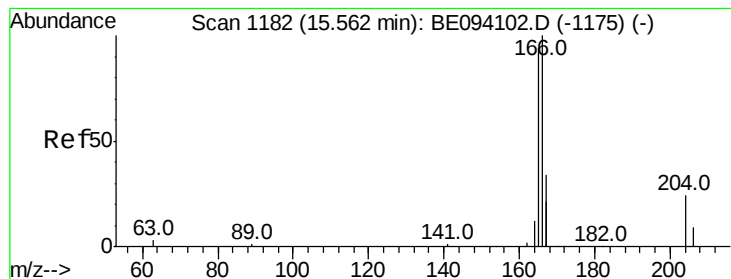
Tot Ion:152 Resp: 1540
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 14.2 10.5 15.7



#17
Acenaphthene
Concen: 0.143 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

Tgt Ion:154 Resp: 534
Ion Ratio Lower Upper
154 100
153 110.3 89.2 133.8
152 55.4 42.0 63.0





#18

Fluorene

Concen: 0.144 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampled :

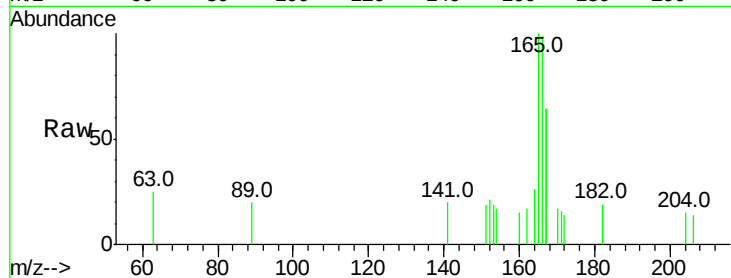
Tot Ion:166 Resp: 733

Ion Ratio Lower Upper

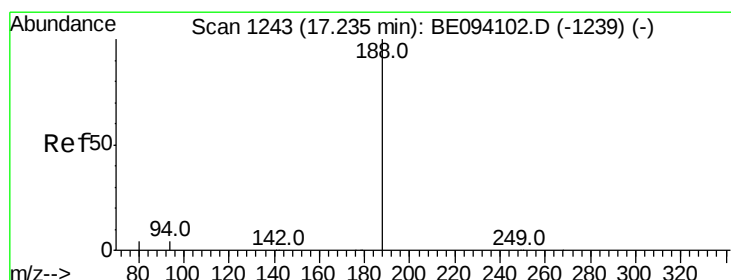
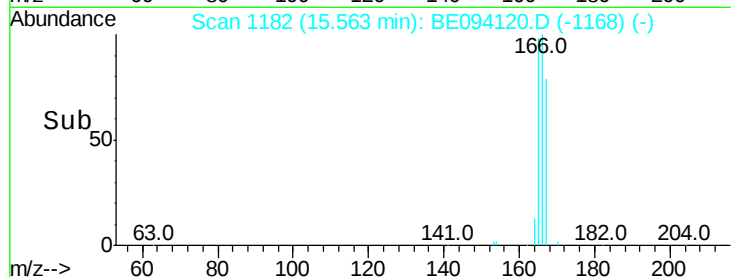
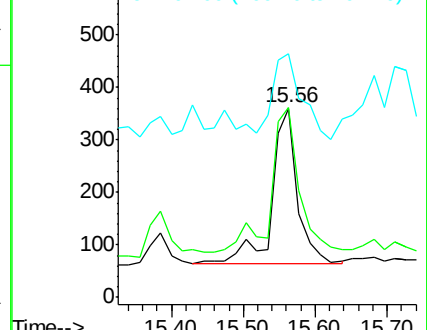
166 100

165 105.9 77.8 116.6

167 62.3 42.4 63.6



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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

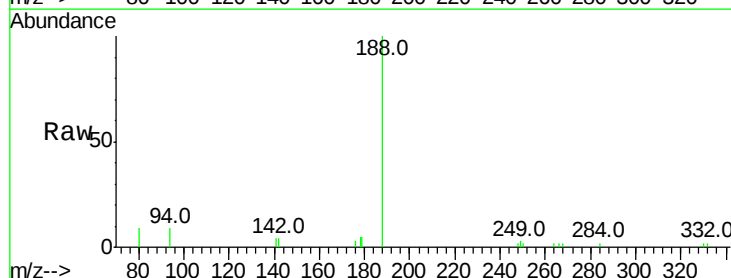
Tgt Ion:188 Resp: 4281

Ion Ratio Lower Upper

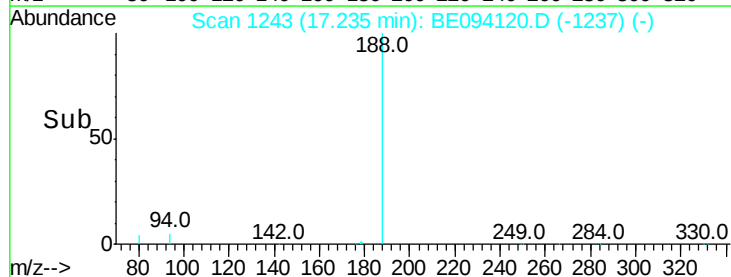
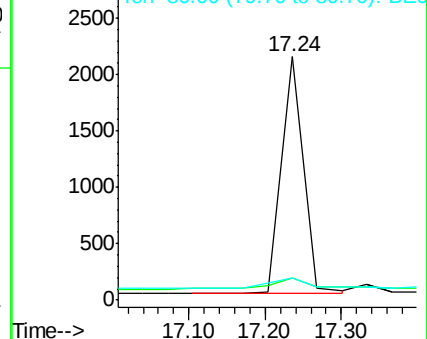
188 100

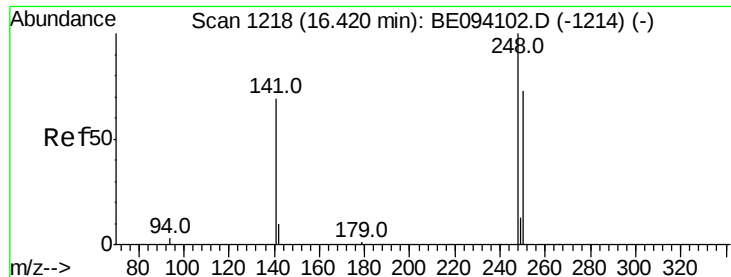
94 9.1 3.9 5.9#

80 9.1 3.6 5.4#



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

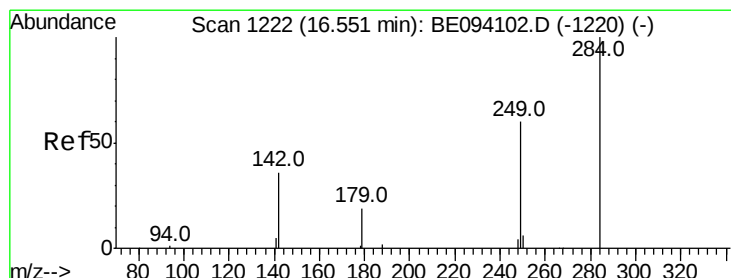
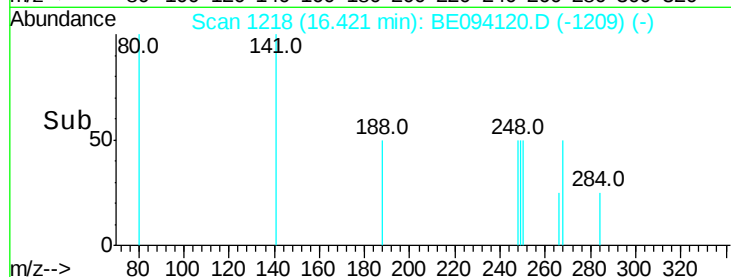
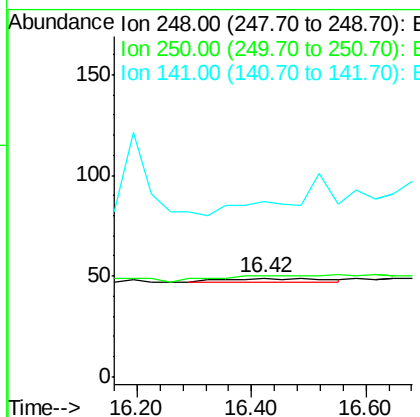
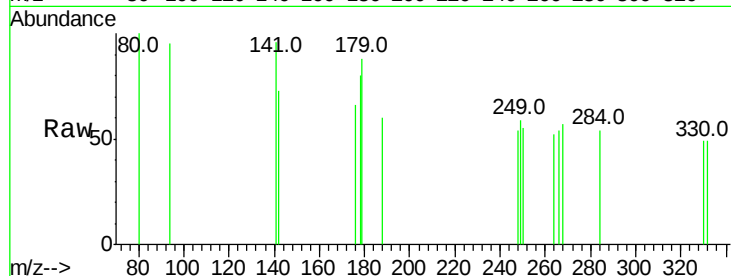




#20
4-Bromophenyl-phenylether
Concen: 0.011 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

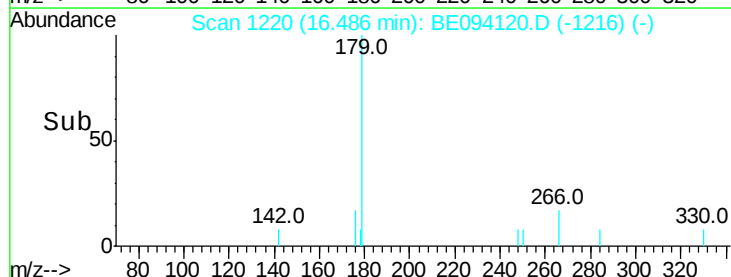
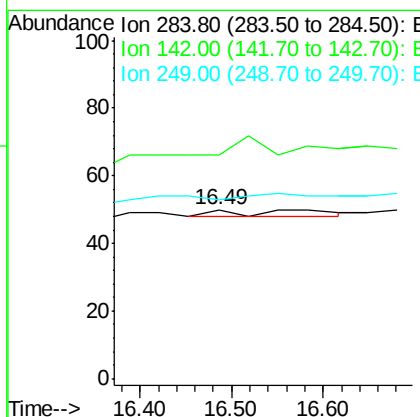
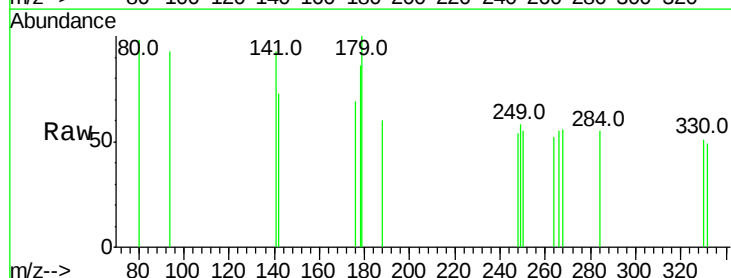
Instrument :
BNA_E
ClientSampled :

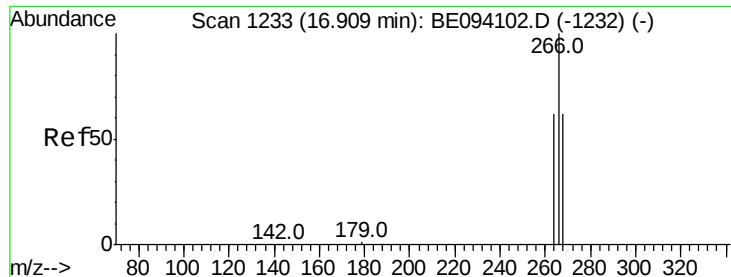
Tot Ion:248 Resp: 20
Ion Ratio Lower Upper
248 100
250 102.0 62.7 94.1#
141 177.6 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.013 ng
RT: 16.49 min Scan# 1220
Delta R.T. -0.06 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

Tgt Ion:284 Resp: 14
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#

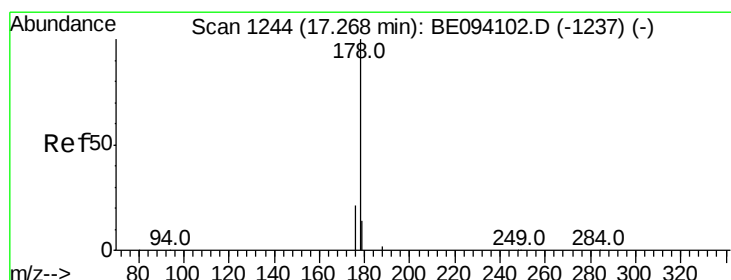
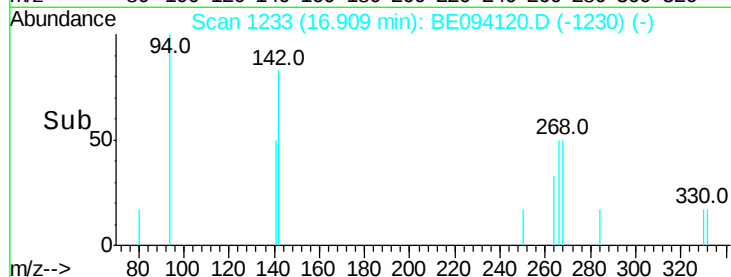
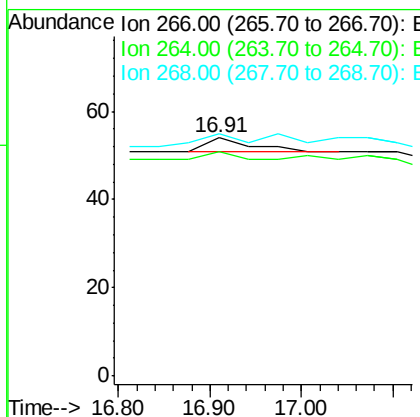
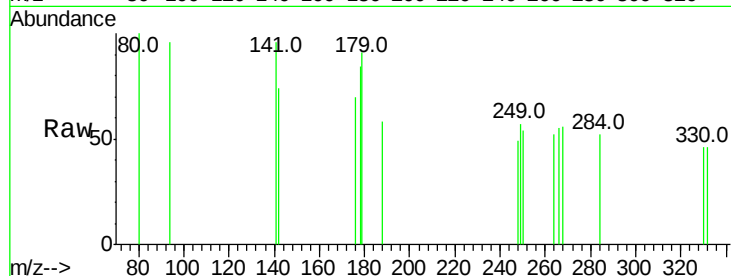




#22
 Pentachlorophenol
 Concen: 0.010 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

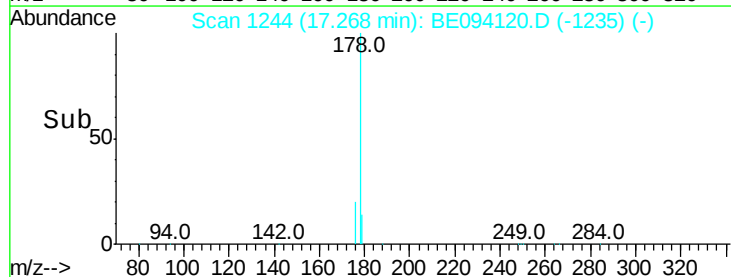
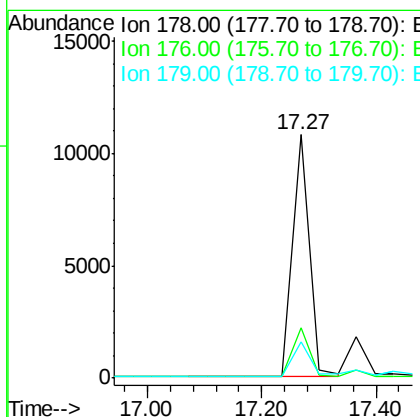
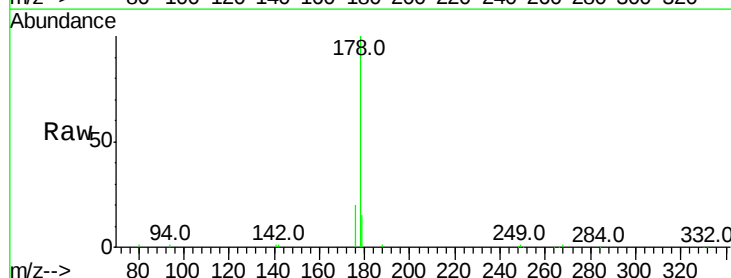
Instrument :
 BNA_E
 ClientSampled :

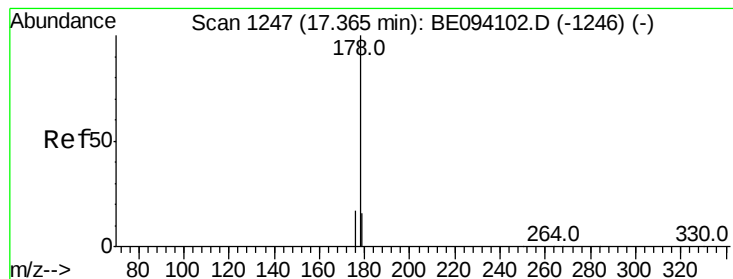
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 94.4 72.5 108.7
 268 101.9 73.8 110.6



#23
 Phenanthrene
 Concen: 1.994 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

Tgt Ion:178 Resp: 21840
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.1 22.7
 179 15.3 11.8 17.6





#24

Anthracene

Concen: 0.333 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampled :

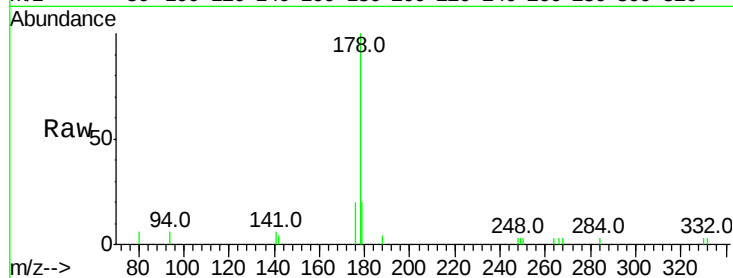
Tot Ion:178 Resp: 3822

Ion Ratio Lower Upper

178 100

176 16.9 12.8 19.2

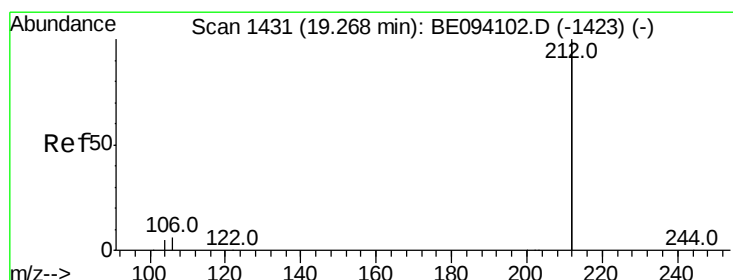
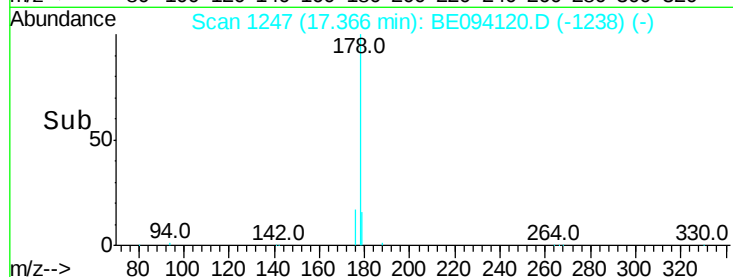
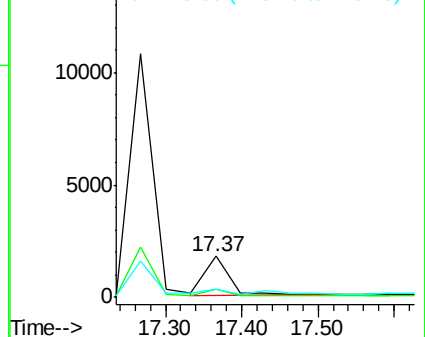
179 25.1 13.0 19.6#



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-d10

Concen: 0.247 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

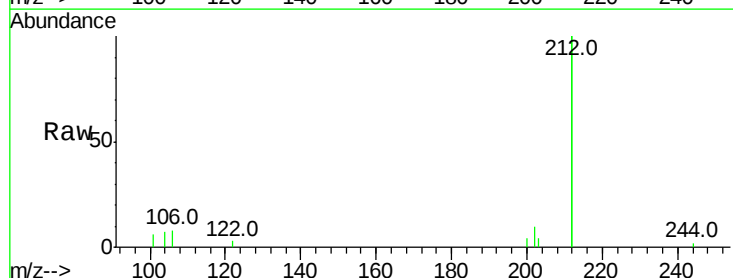
Tgt Ion:212 Resp: 10235

Ion Ratio Lower Upper

212 100

106 3.8 2.8 4.2

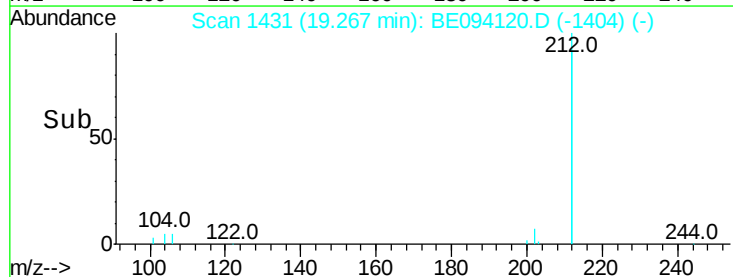
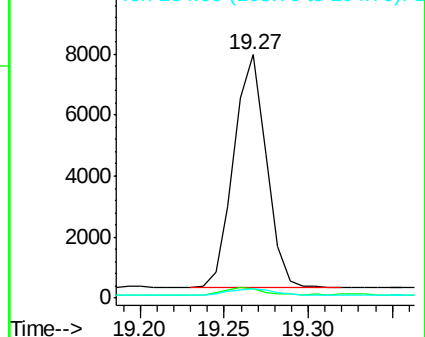
104 3.5 1.6 2.4#

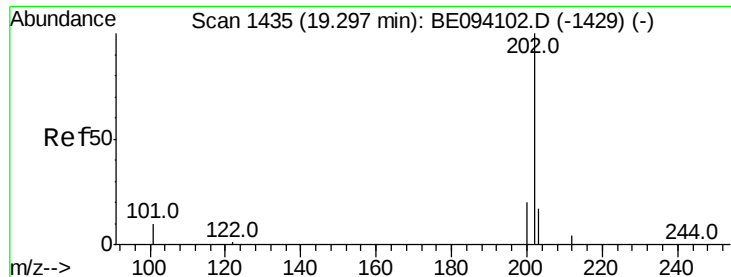


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

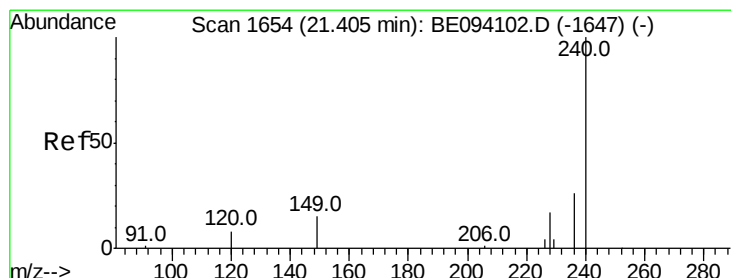
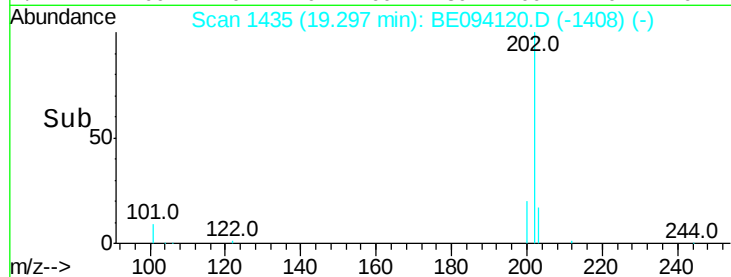
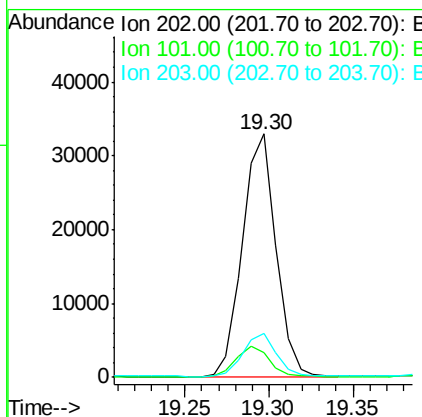
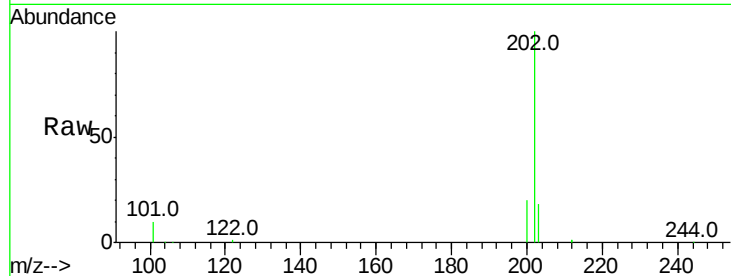




#26
 Fluoranthene
 Concen: 3.706 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

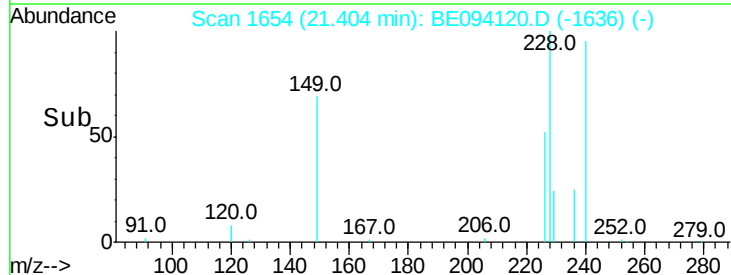
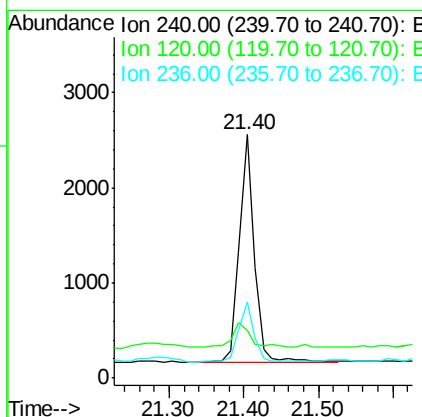
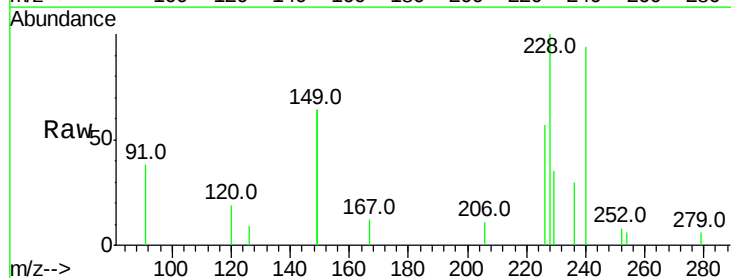
Instrument :
 BNA_E
 ClientSampleId :

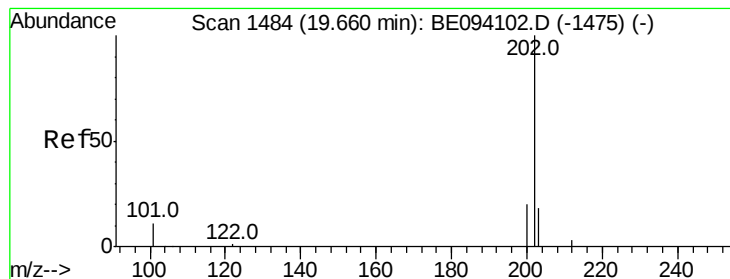
Tot Ion:202 Resp: 45490
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.8
 203 17.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

Tgt Ion:240 Resp: 3388
 Ion Ratio Lower Upper
 240 100
 120 19.8 5.5 8.3#
 236 31.4 20.7 31.1#





#28

Pvrene

Concen: 4.022 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampleId :

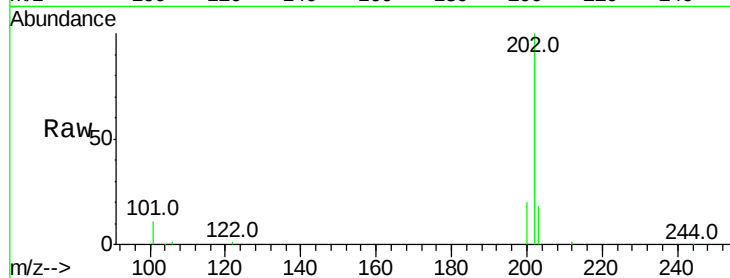
Tot Ion:202 Resp: 43177

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

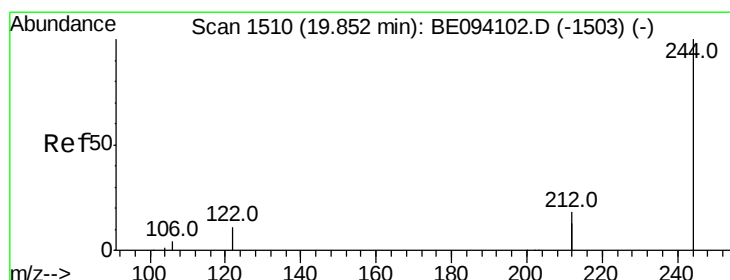
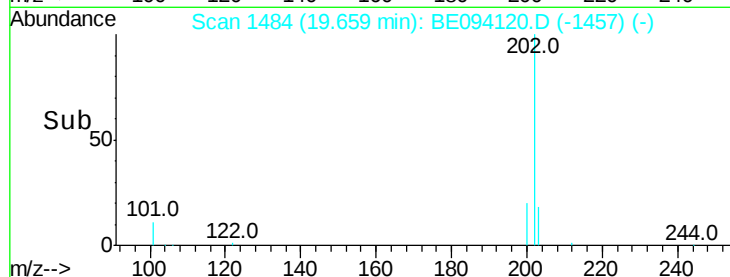
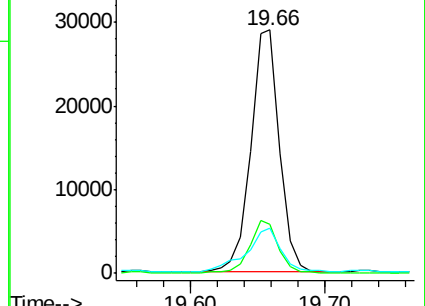
203 21.5 13.8 20.8#



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: 0.266 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

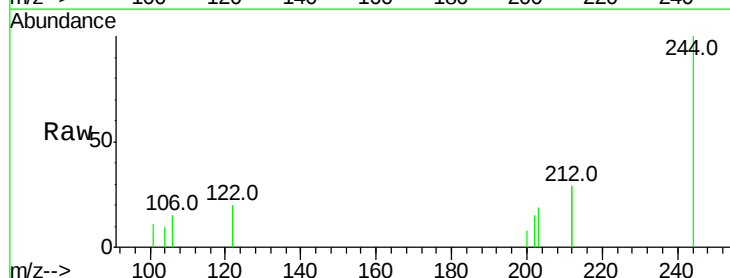
Tgt Ion:244 Resp: 1643

Ion Ratio Lower Upper

244 100

212 58.3 25.4 38.0#

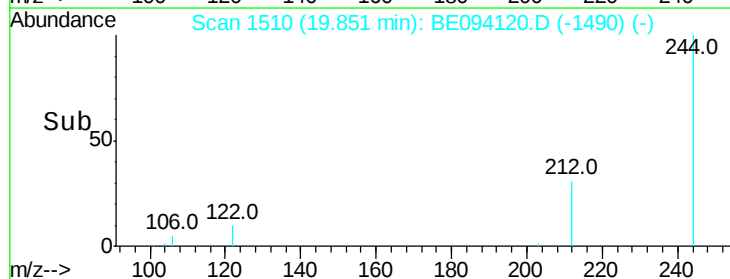
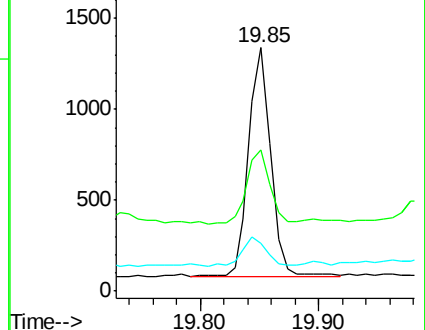
122 19.8 8.1 12.1#

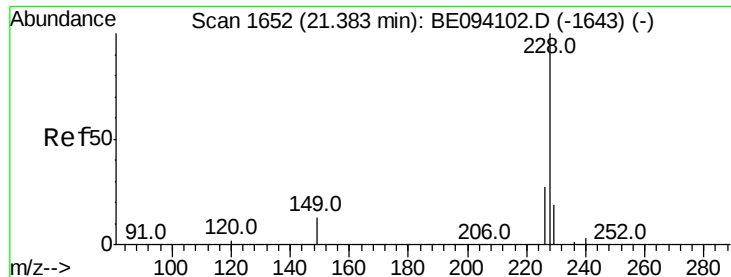


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 1.775 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampleId :

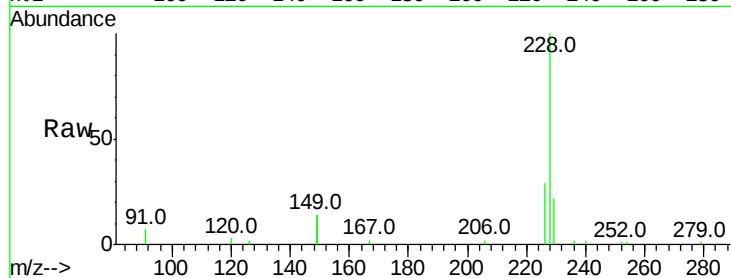
Tot Ion:228 Resp: 20250

Ion Ratio Lower Upper

228 100

226 29.4 21.4 32.0

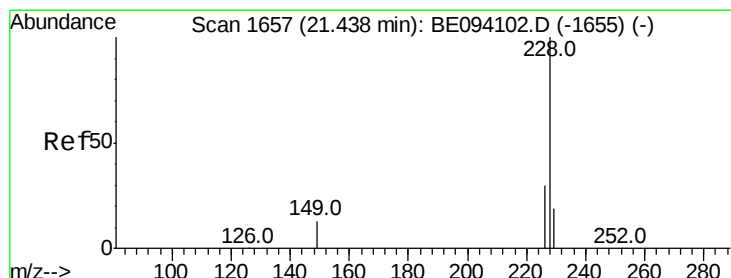
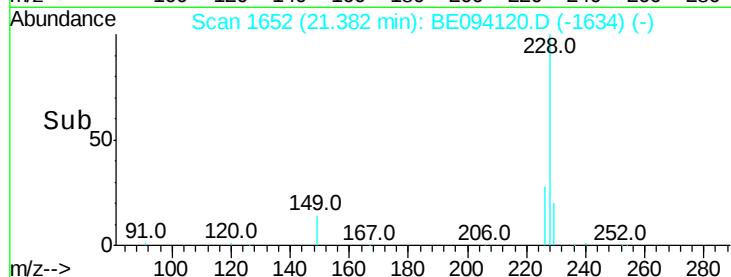
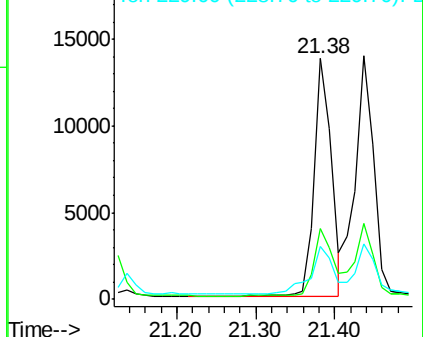
229 21.9 16.4 24.6



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: 2.030 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

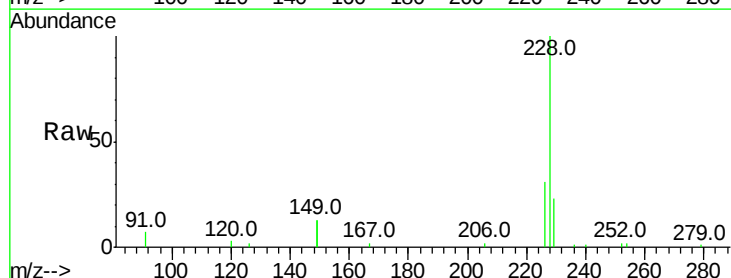
Tgt Ion:228 Resp: 22348

Ion Ratio Lower Upper

228 100

226 31.4 23.6 35.4

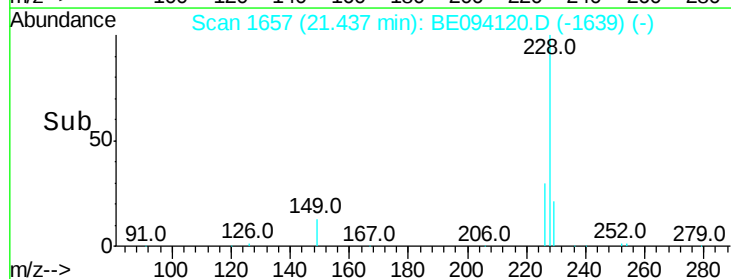
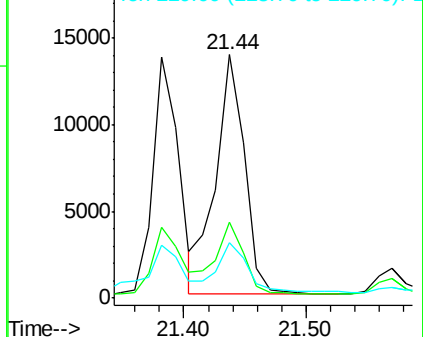
229 22.7 16.4 24.6

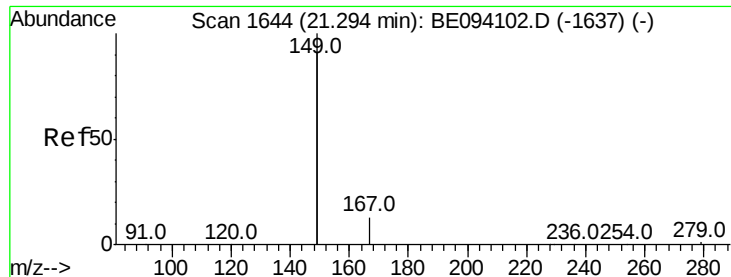


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

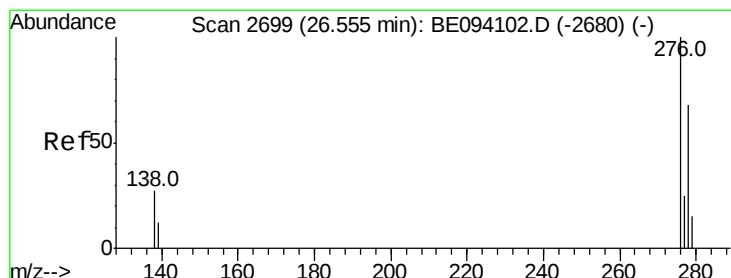
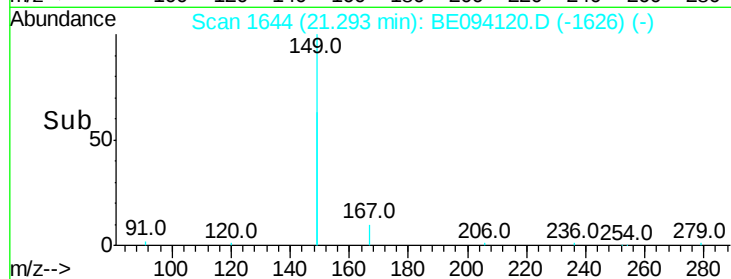
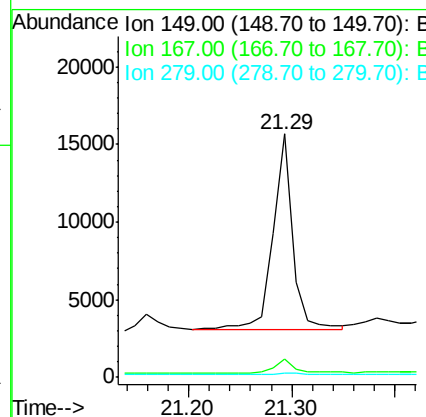
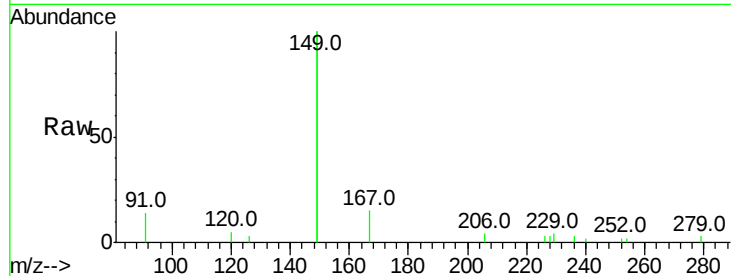




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.350 ng
 RT: 21.29 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

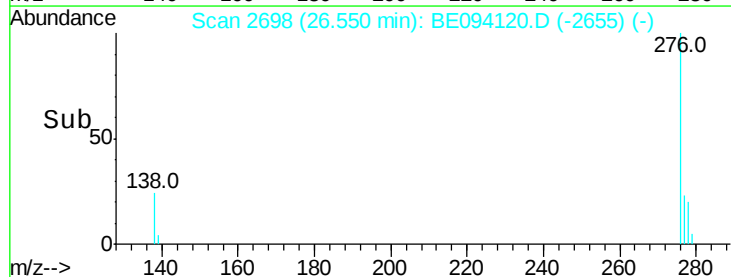
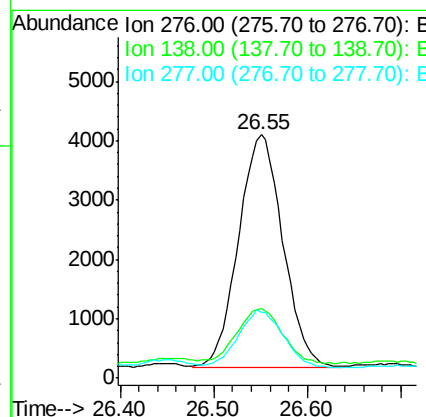
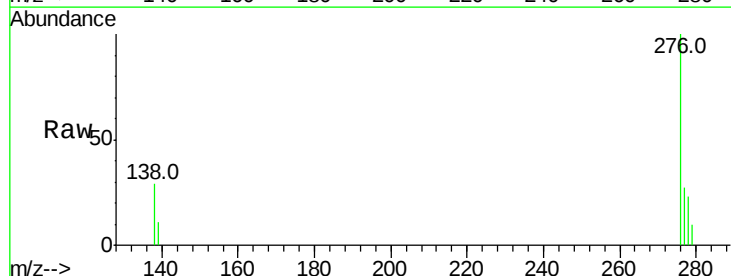
Instrument :
 BNA_E
 ClientSampleId :

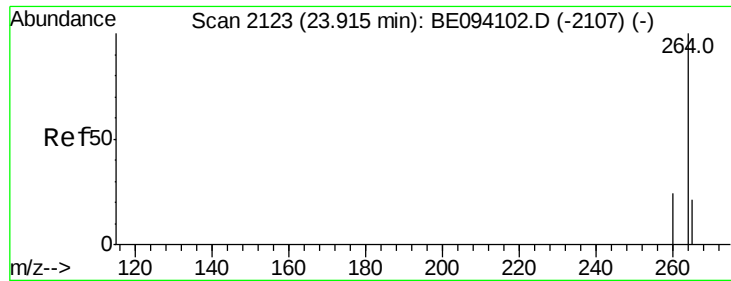
Tot Ion:149 Resp: 16565
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.0 0.7 1.1



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.096 ng
 RT: 26.55 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BE094120.D
 Acq: 26 Sep 2017 2:06

Tgt Ion:276 Resp: 12909
 Ion Ratio Lower Upper
 276 100
 138 24.6 22.5 33.7
 277 25.3 19.9 29.9





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampleId :

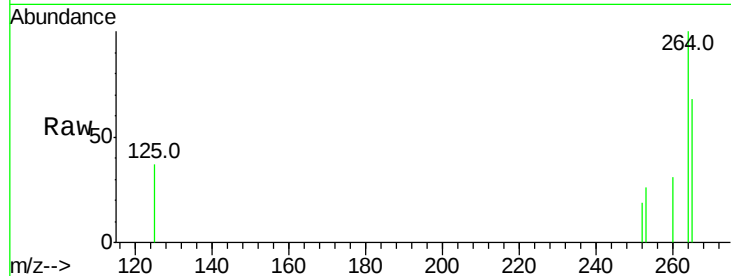
Tot Ion:264 Resp: 3119

Ion Ratio Lower Upper

264 100

260 31.4 20.5 30.7#

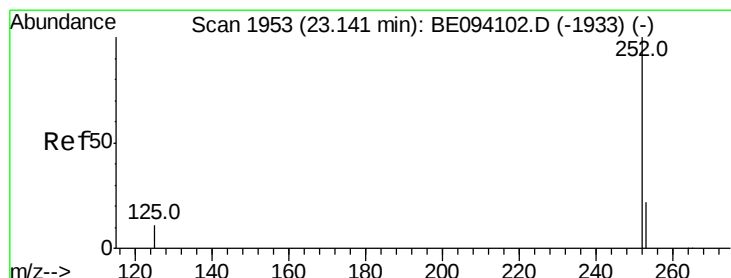
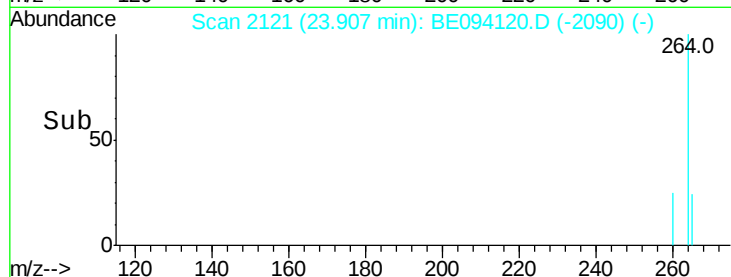
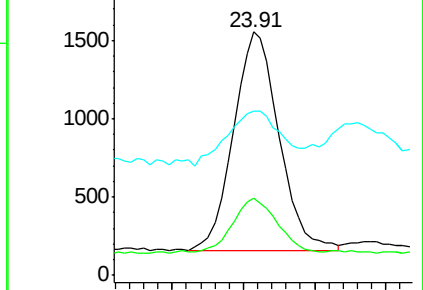
265 67.7 22.8 34.2#



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: 2.440 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

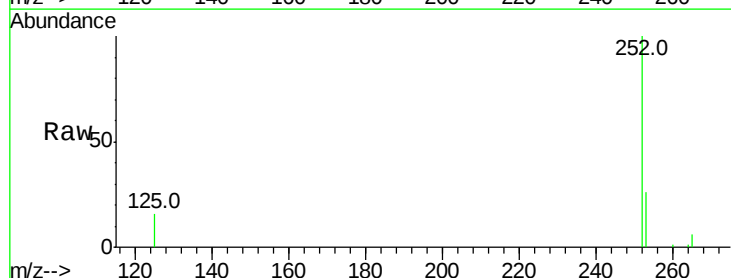
Tgt Ion:252 Resp: 27460

Ion Ratio Lower Upper

252 100

253 25.6 18.2 27.2

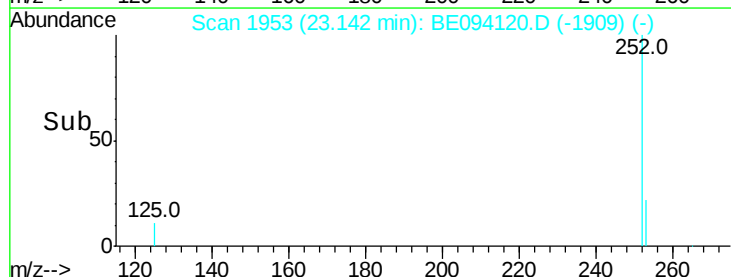
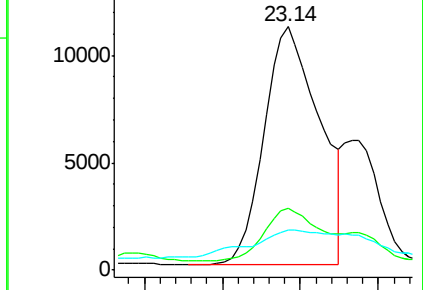
125 16.3 10.1 15.1#

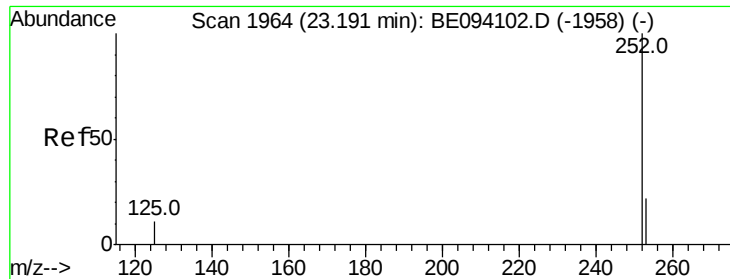


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 2.548 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

Instrument :

BNA_E

ClientSampleId :

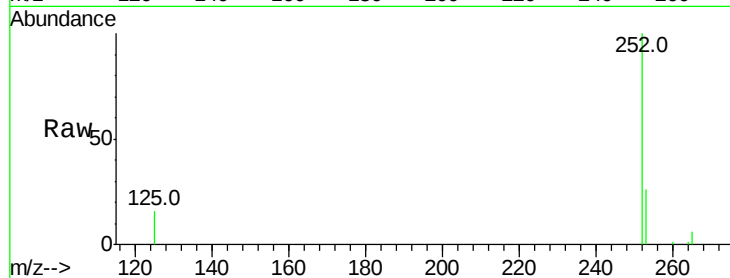
Tot Ion:252 Resp: 27460

Ion Ratio Lower Upper

252 100

253 25.6 18.6 27.8

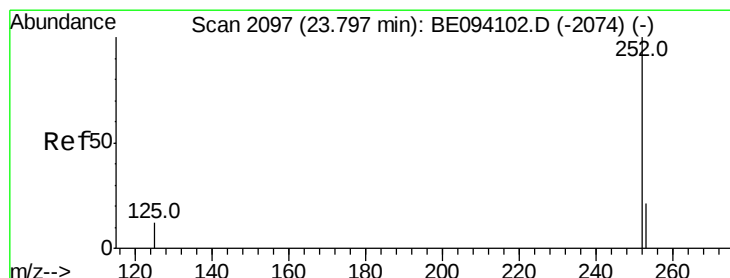
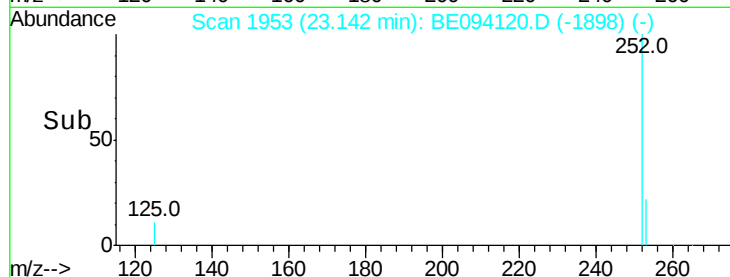
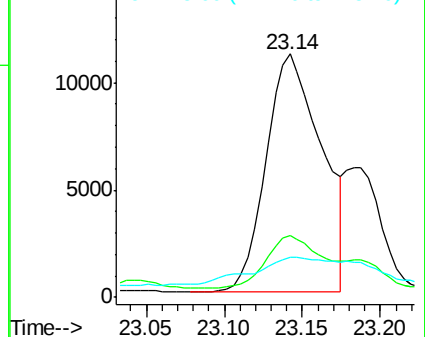
125 16.3 10.7 16.1#



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: 1.890 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094120.D

Acq: 26 Sep 2017 2:06

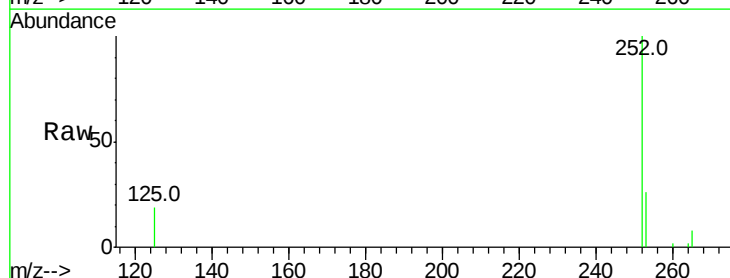
Tgt Ion:252 Resp: 19215

Ion Ratio Lower Upper

252 100

253 26.4 19.0 28.6

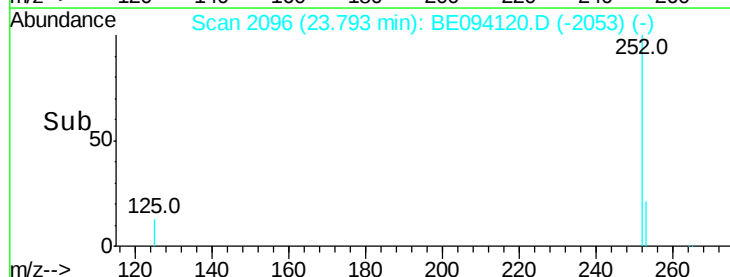
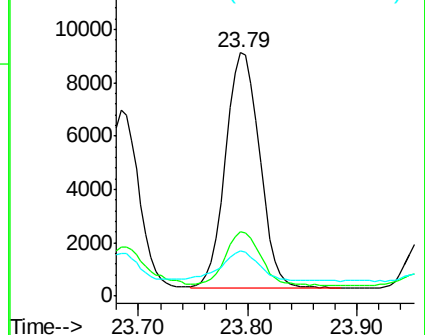
125 18.8 11.8 17.8#

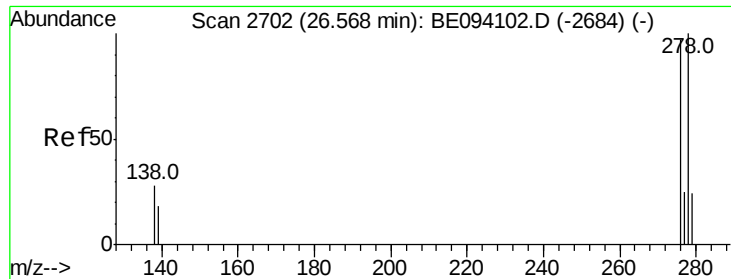


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

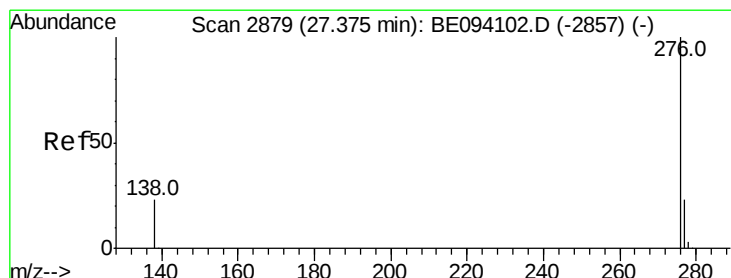
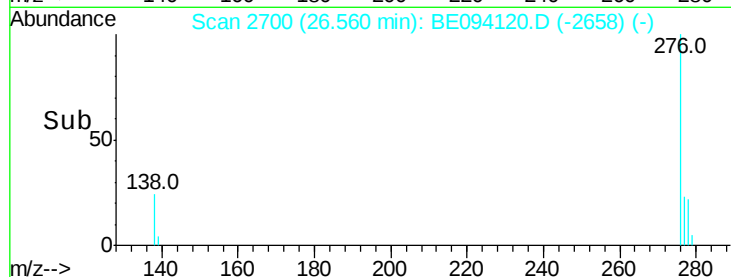
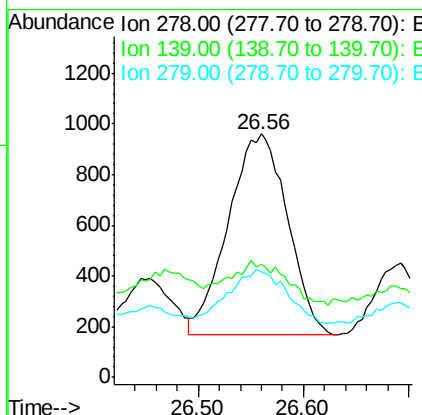
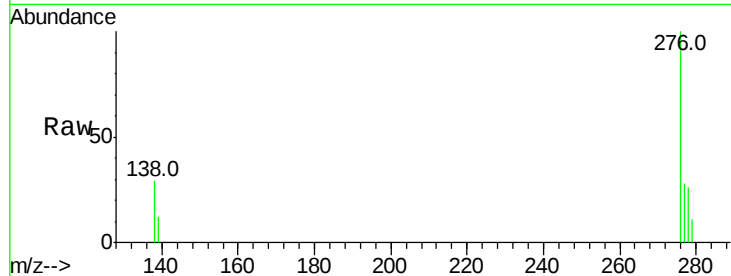




#38
Dibenzo(a,h)anthracene
Concen: 0.320 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 3083
Ion Ratio Lower Upper
278 100
139 46.2 16.3 24.5#
279 43.2 19.9 29.9#



#39
Benzo(g,h,i)perylene
Concen: 1.393 ng
RT: 27.37 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BE094120.D
Acq: 26 Sep 2017 2:06

Tgt Ion:276 Resp: 13278
Ion Ratio Lower Upper
276 100
277 27.6 20.8 31.2
138 28.7 21.5 32.3

