

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094093.D
 Acq On : 24 Sep 2017 00:28
 Operator : SJ/JU
 Sample : I5340-12MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 08:49:03 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 07:59:29 2017
 Response via : Initial Calibration

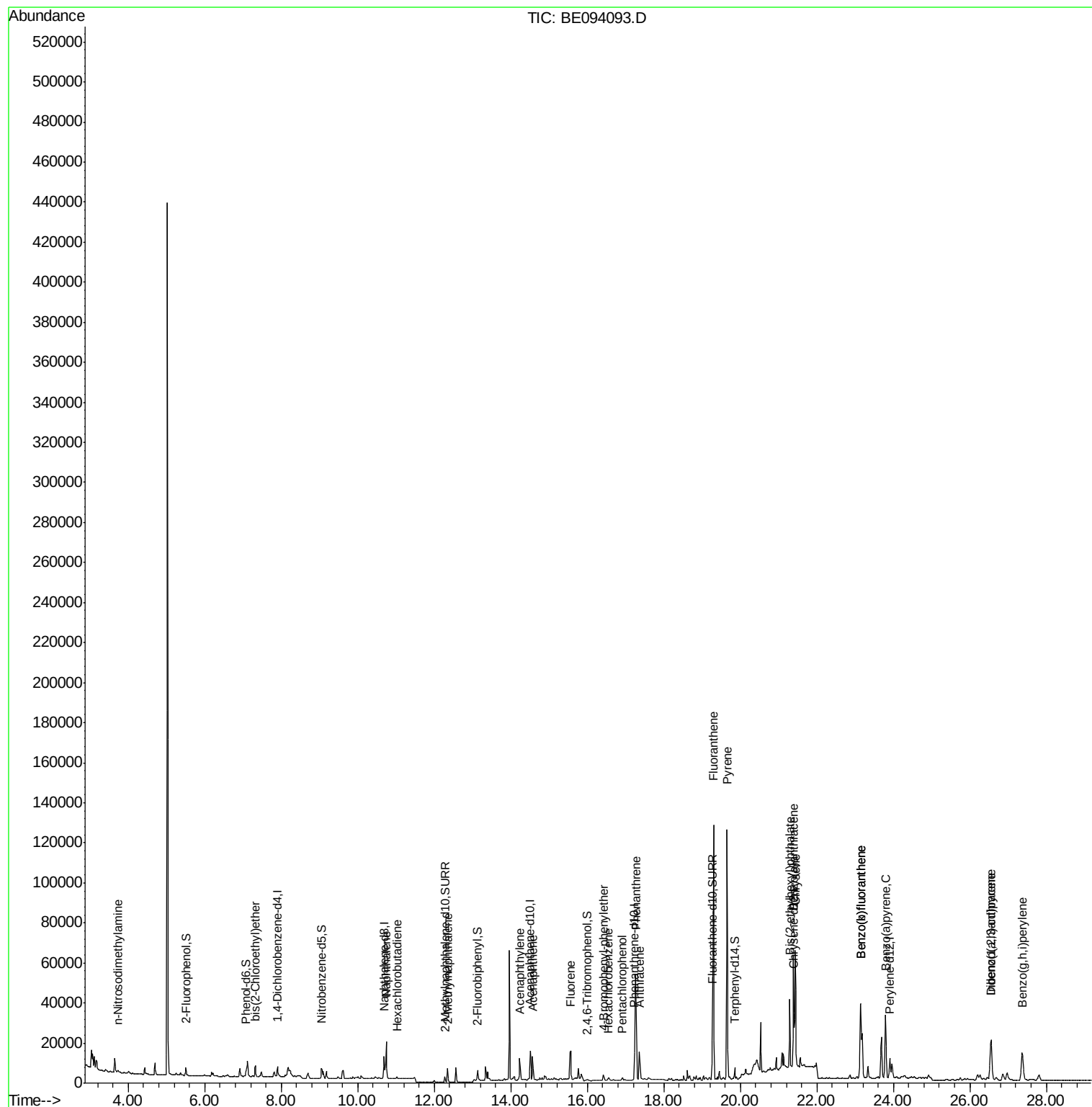
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2258	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12701	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8133	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	25636	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15403	0.40	ng	0.00
34) Perylene-d12	23.91	264	14749	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1893	0.03	ng	0.00
5) Phenol-d6	7.09	99	3042	0.23	ng	0.00
8) Nitrobenzene-d5	9.04	82	2550	0.23	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	3835	0.18	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1532	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5266	0.20	ng	0.00
25) Fluoranthene-d10	19.27	212	30340	0.09	ng	0.00
29) Terphenyl-d14	19.85	244	4477	0.19	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.73	42	987	0.146	ng	# 77
6) bis(2-Chloroethyl)ether	7.33	93	1945	0.195	ng	94
9) Naphthalene	10.74	128	29715	0.088	ng	100
10) Hexachlorobutadiene	11.03	225	846	0.165	ng	98
12) 2-Methylnaphthalene	12.35	142	5121	0.200	ng	98
16) Acenaphthylene	14.23	152	13247	0.324	ng	100
17) Acenaphthene	14.57	154	6023	0.222	ng	99
18) Fluorene	15.56	166	8622	0.213	ng	95
20) 4-Bromophenyl-phenylether	16.42	248	2189	0.160	ng	# 86
21) Hexachlorobenzene	16.55	284	1254	0.125	ng	# 83
22) Pentachlorophenol	16.91	266	1357	0.390	ng	# 71
23) Phenanthrene	17.27	178	78757	0.858	ng	98
24) Anthracene	17.37	178	22230	0.314	ng	# 94
26) Fluoranthene	19.30	202	118924	1.207	ng	99
28) Pyrene	19.65	202	117724	2.762	ng	# 96
30) Benzo(a)anthracene	21.38	228	54117	1.049	ng	98
31) Chrysene	21.44	228	60282	1.192	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	36645	0.264	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	34432	0.881	ng	97
35) Benzo(b)fluoranthene	23.14	252	65709	1.231	ng	98
36) Benzo(k)fluoranthene	23.14	252	65709	1.227	ng	100
37) Benzo(a)pyrene	23.79	252	49903	1.041	ng	99
38) Dibenzo(a,h)anthracene	26.56	278	12515	0.326	ng	# 91
39) Benzo(g,h,i)perylene	27.37	276	33868	0.883	ng	99

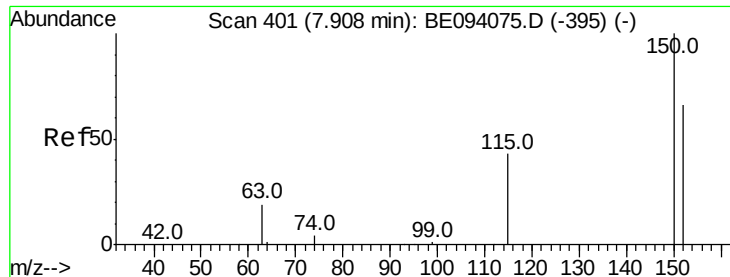
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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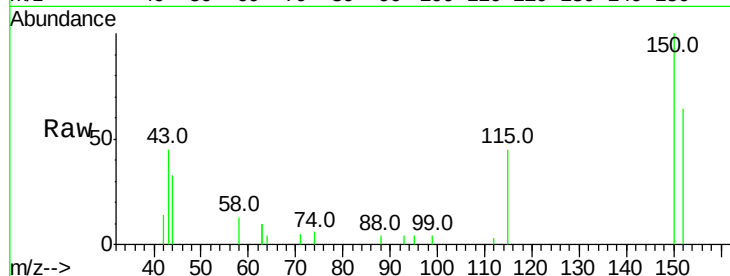


#1

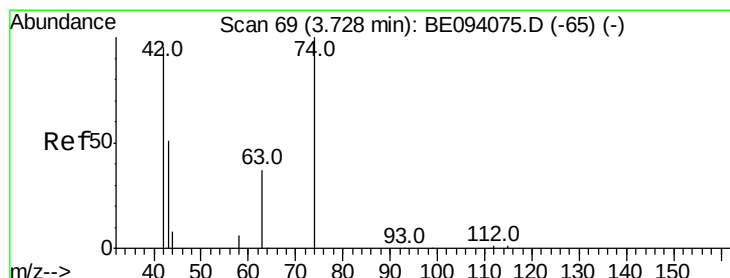
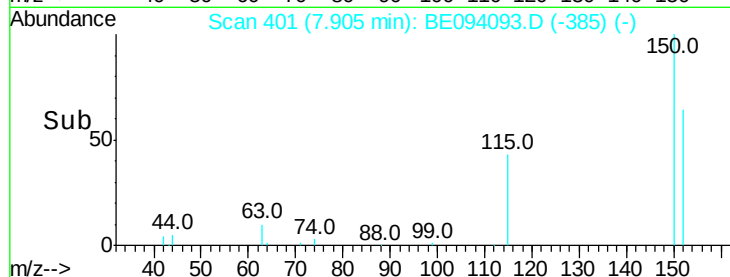
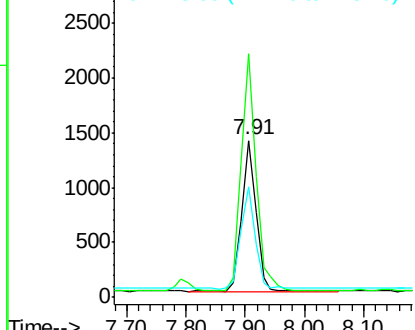
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2258
Ion Ratio Lower Upper
152 100
150 155.5 117.2 175.8
115 70.7 57.0 85.6



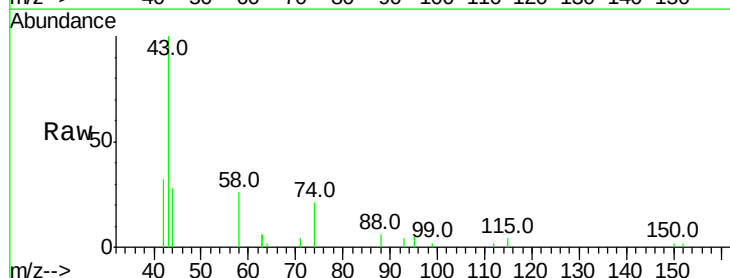
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



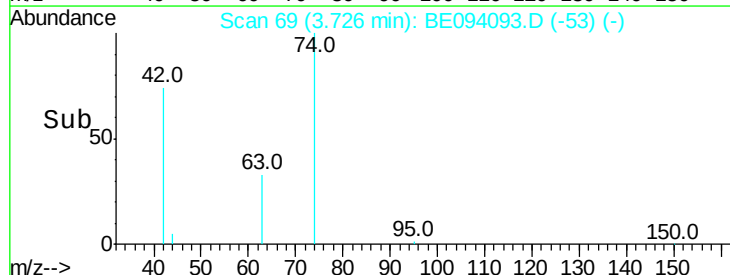
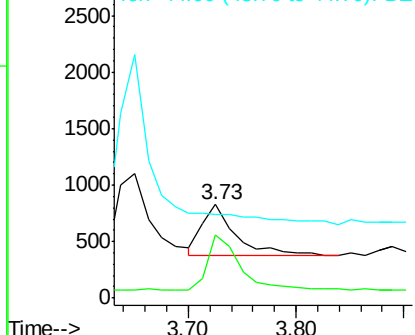
#3

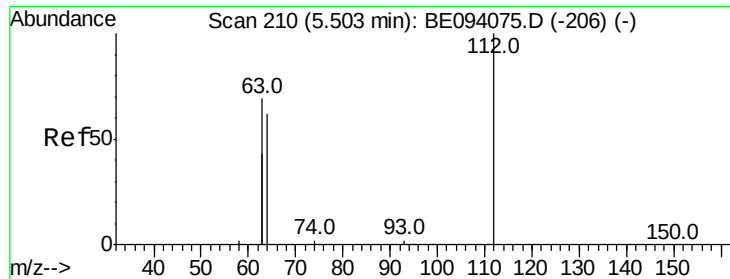
n-Nitrosodimethylamine
Concen: 0.146 ng
RT: 3.73 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Tgt Ion: 42 Resp: 987
Ion Ratio Lower Upper
42 100
74 103.7 100.3 150.5
44 0.0 17.0 25.4#



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: 0.027 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampled :

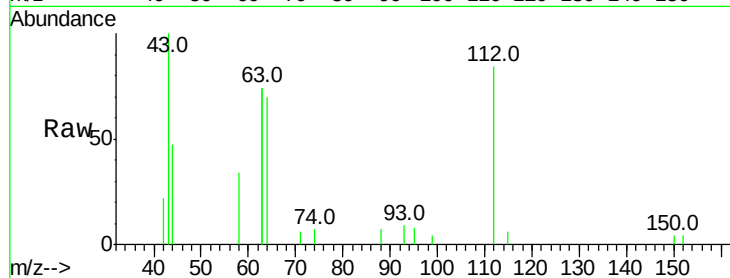
Tot Ion:112 Resp: 1893

Ion Ratio Lower Upper

112 100

64 75.5 60.1 90.1

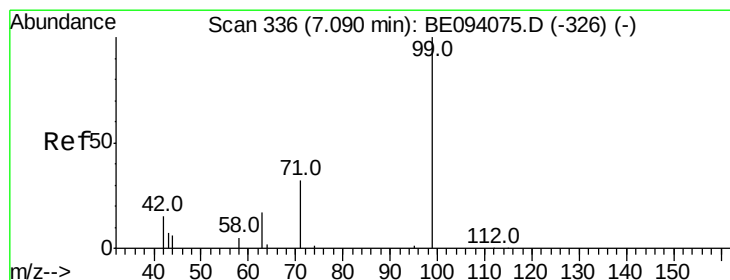
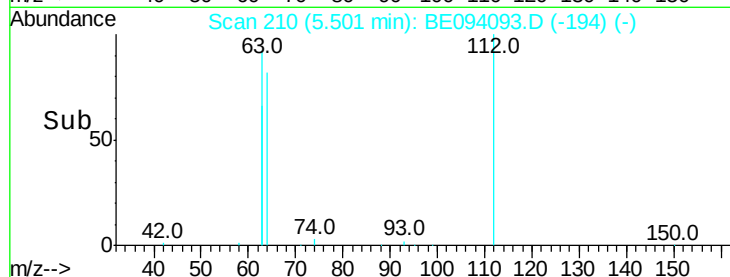
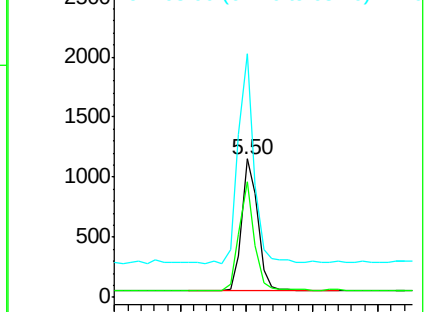
63 153.9 116.8 175.2



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: 0.228 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

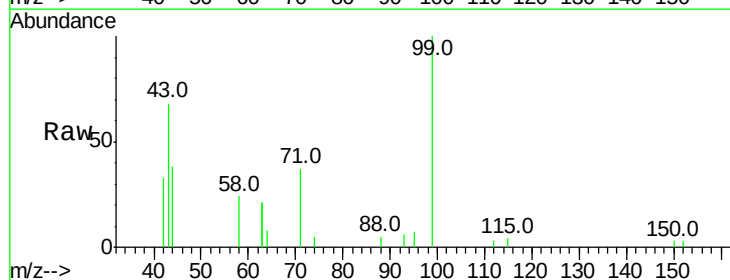
Tgt Ion: 99 Resp: 3042

Ion Ratio Lower Upper

99 100

42 38.1 20.2 30.2#

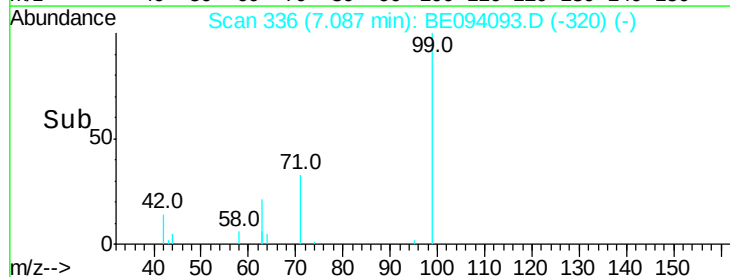
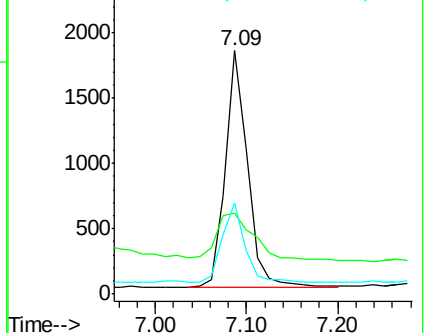
71 34.7 28.4 42.6

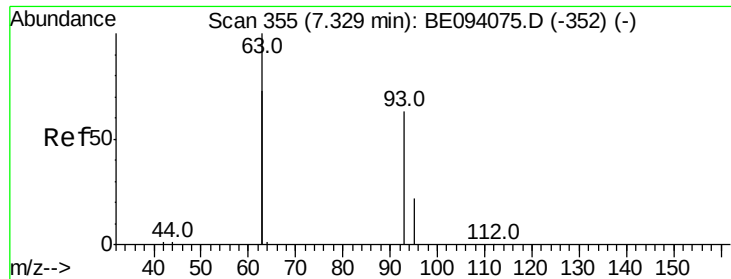


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.195 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

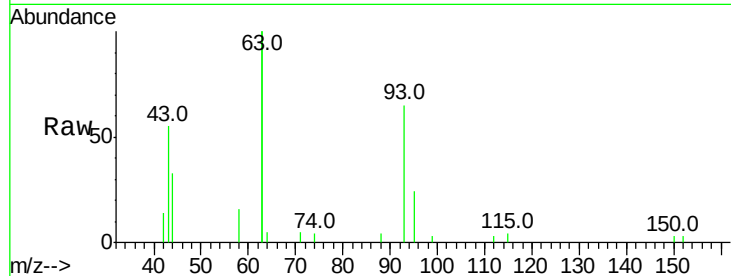
Tot Ion: 93 Resp: 1945

Ion Ratio Lower Upper

93 100

63 357.0 275.3 412.9

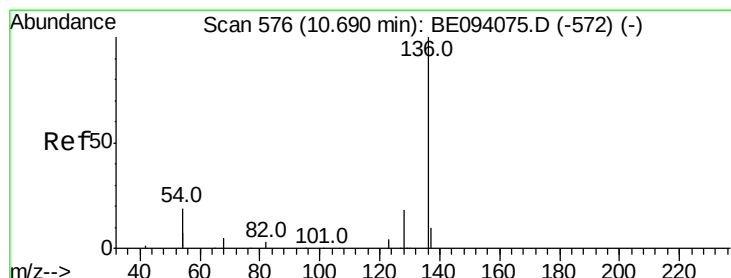
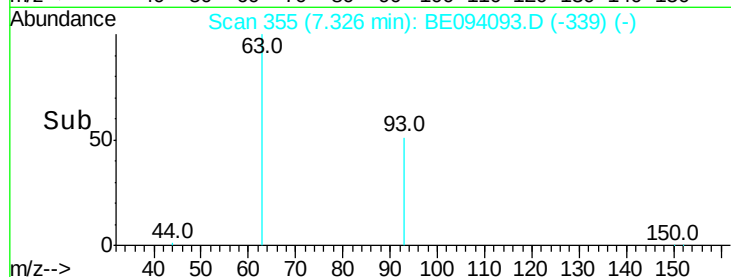
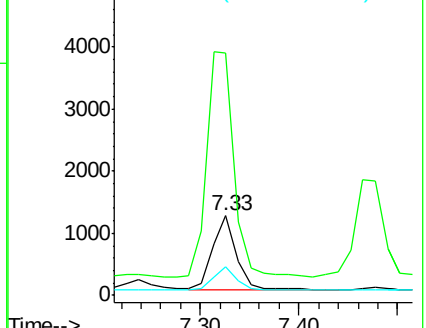
95 31.0 25.2 37.8



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: BE094093.D

Acq: 24 Sep 2017 00:28

Tgt Ion: 136 Resp: 12701

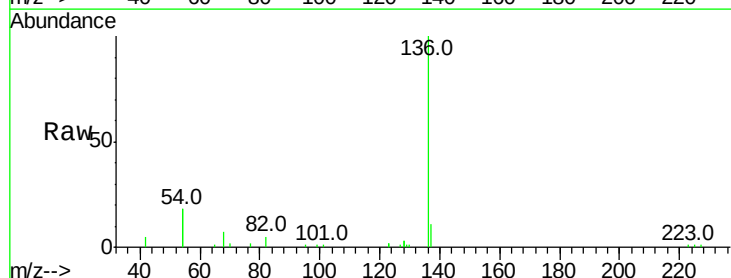
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 35.2 29.1 43.7

68 7.1 6.2 9.2

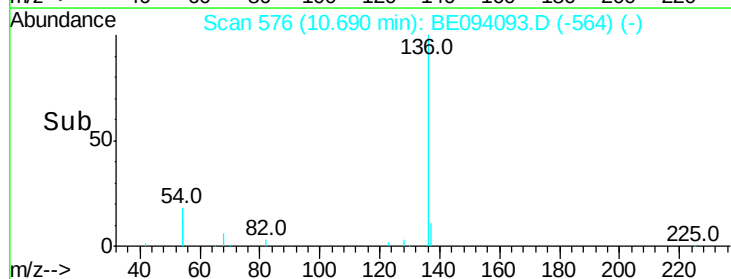
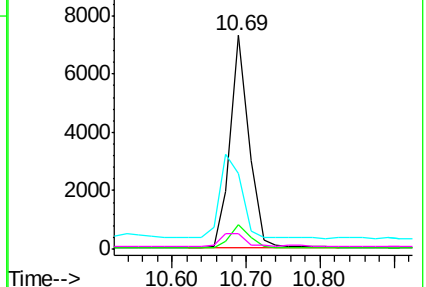


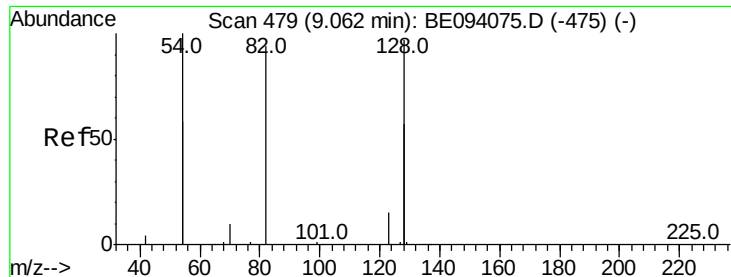
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.226 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampled :

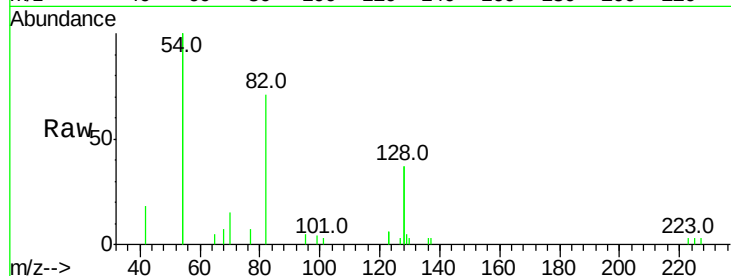
Tot Ion: 82 Resp: 2550

Ion Ratio Lower Upper

82 100

128 103.8 150.0 225.0#

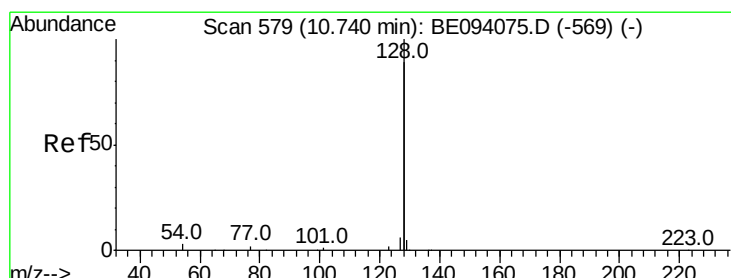
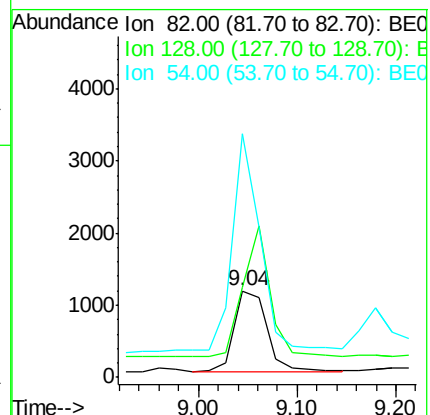
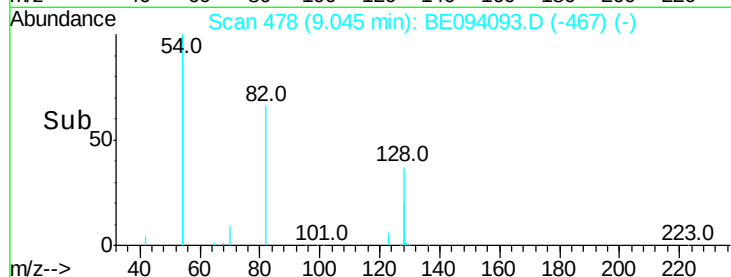
54 280.9 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.088 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

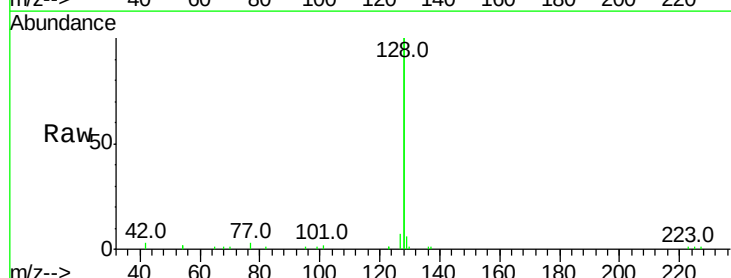
Tgt Ion: 128 Resp: 29715

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

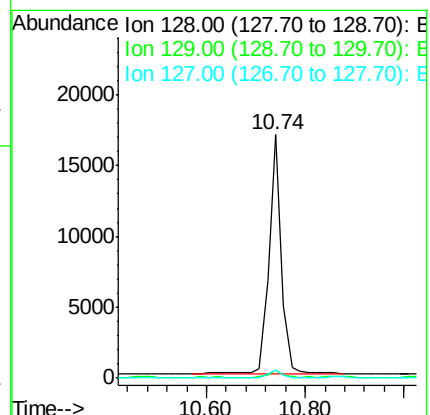
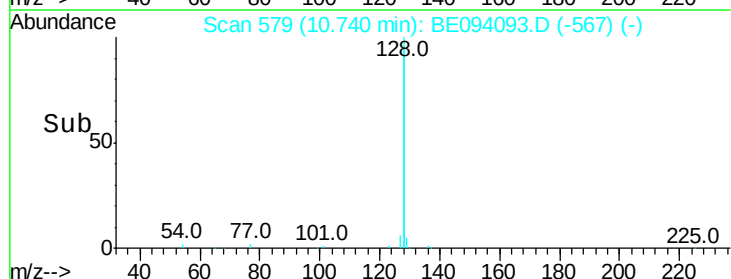
127 3.4 2.8 4.2

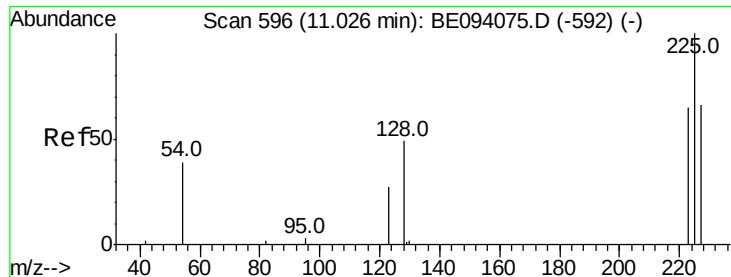


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0

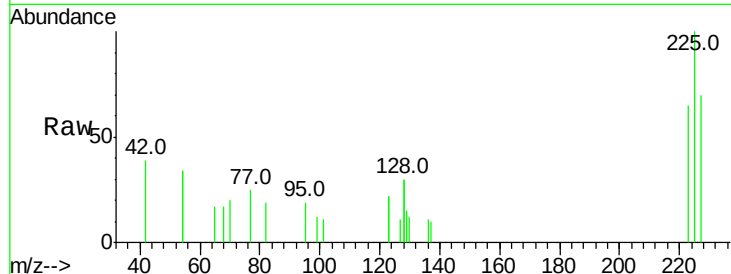




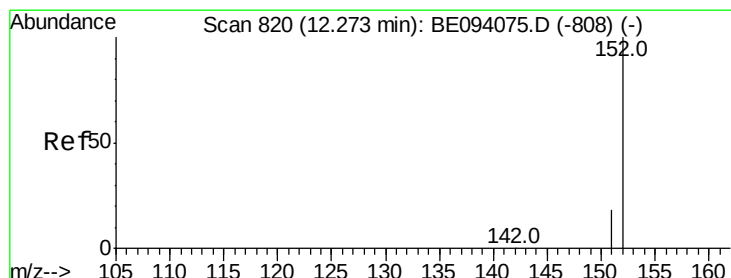
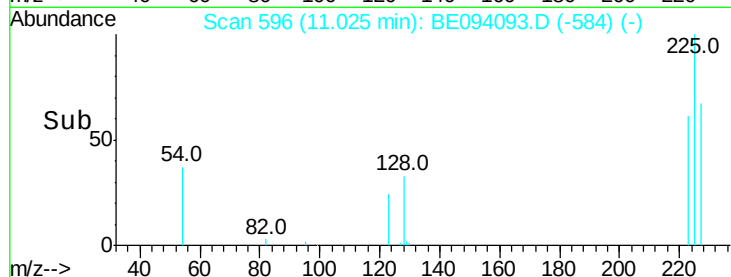
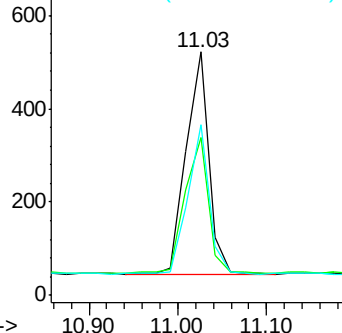
#10
Hexachlorobutadiene
Concen: 0.165 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 846
Ion Ratio Lower Upper
225 100
223 62.9 53.0 79.6
227 63.9 51.4 77.2

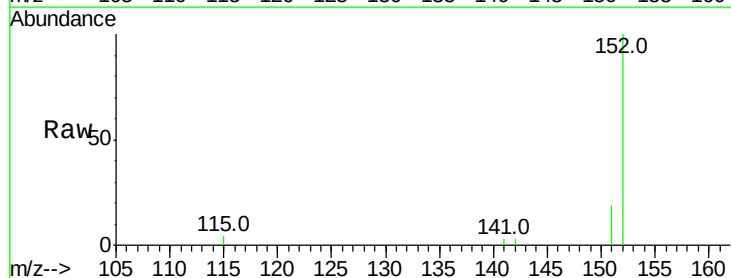


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

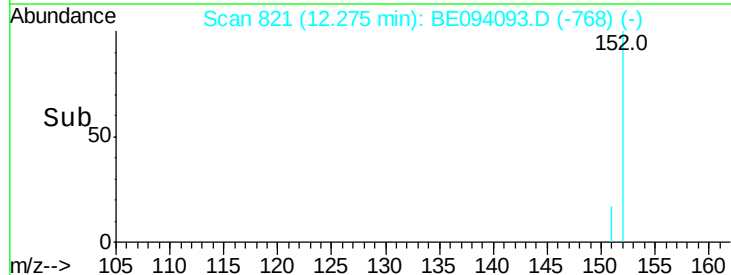
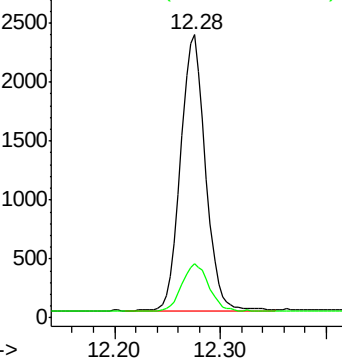


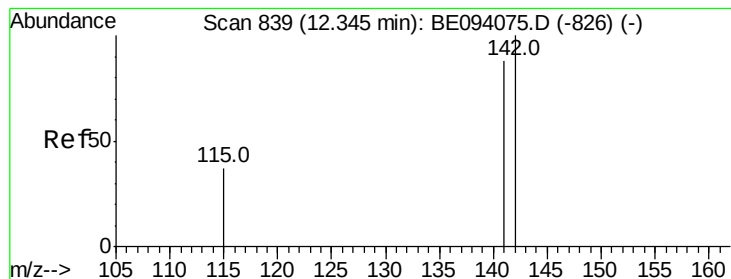
#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Tgt Ion:152 Resp: 3835
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.200 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

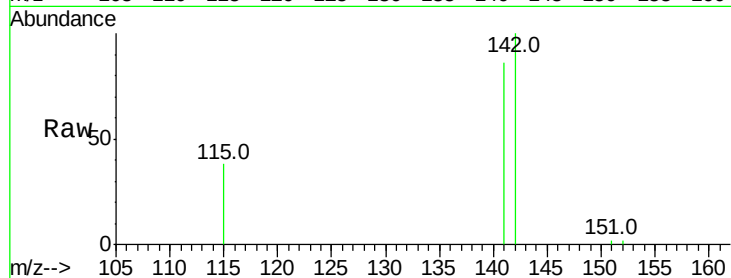
Tot Ion:142 Resp: 5121

Ion Ratio Lower Upper

142 100

141 86.0 70.4 105.6

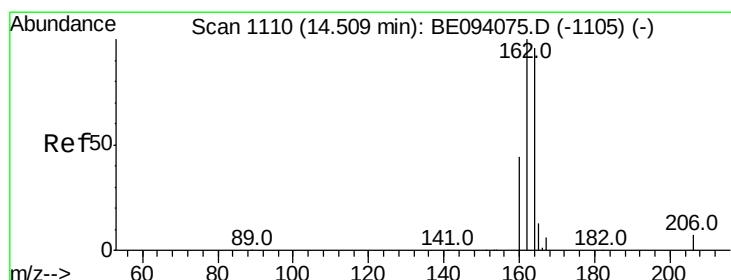
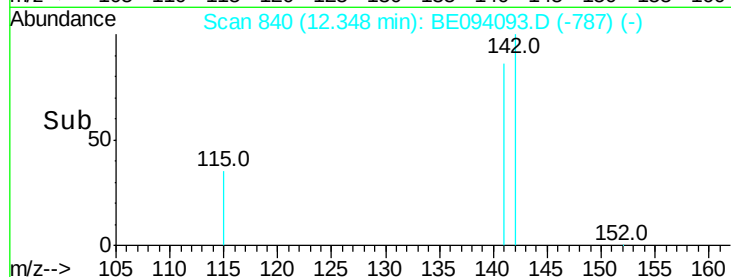
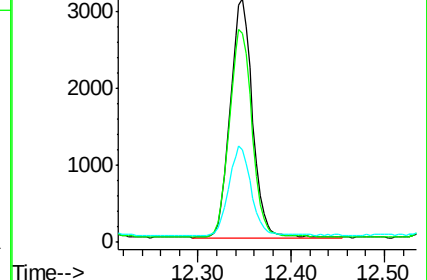
115 37.8 31.7 47.5



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

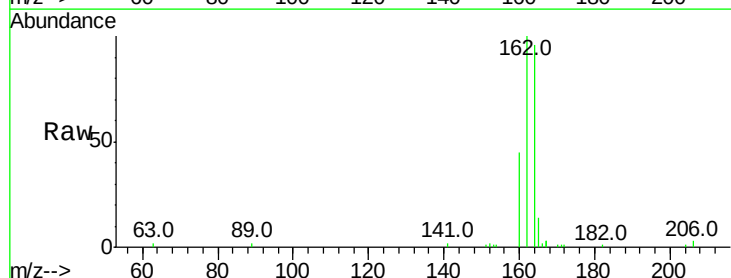
Tgt Ion:164 Resp: 8133

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

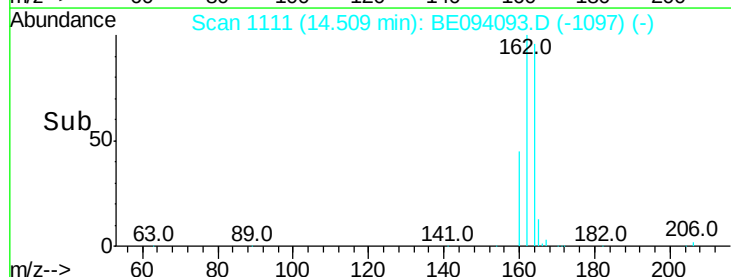
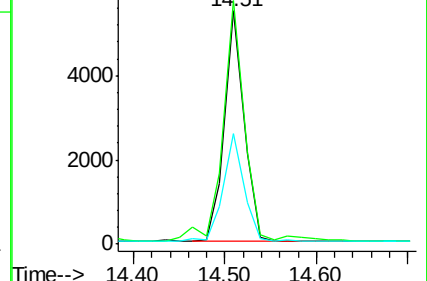
160 47.2 37.1 55.7

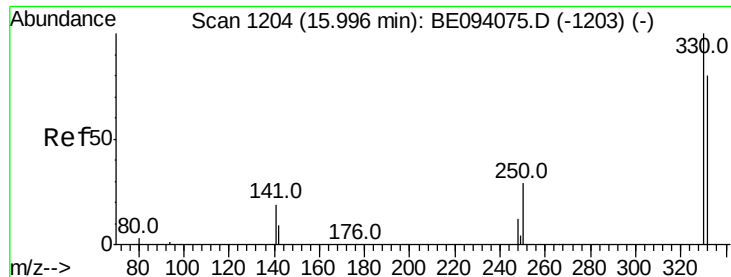


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

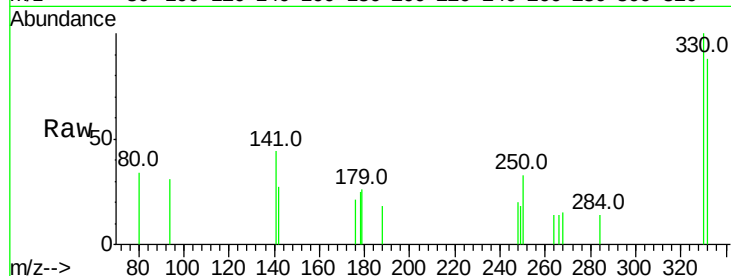




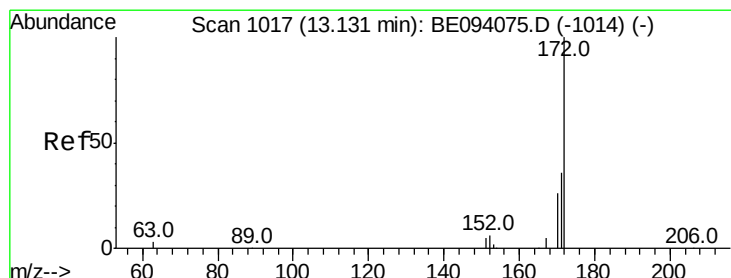
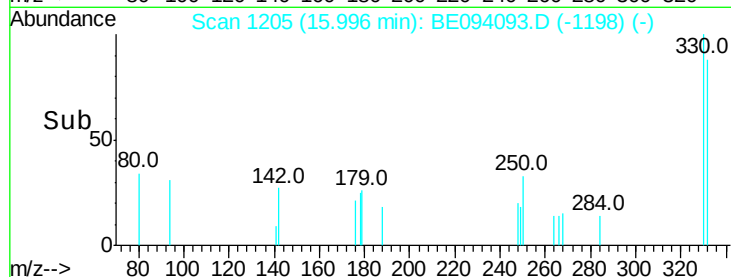
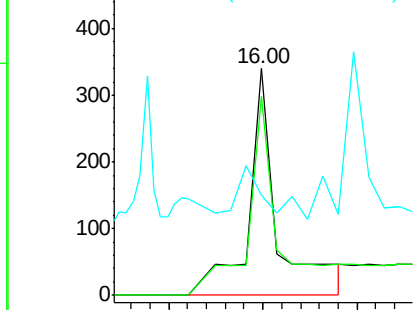
#14
 2,4,6-Tribromophenol
 Concen: 0.248 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094093.D
 Acq: 24 Sep 2017 00:28

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 1532
 Ion Ratio Lower Upper
 330 100
 332 88.7 152.7 229.1#
 141 0.0 33.7 50.5#

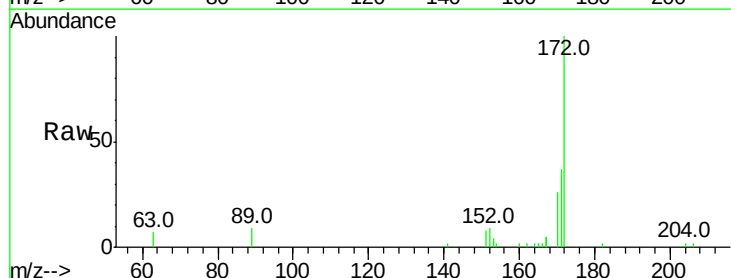


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

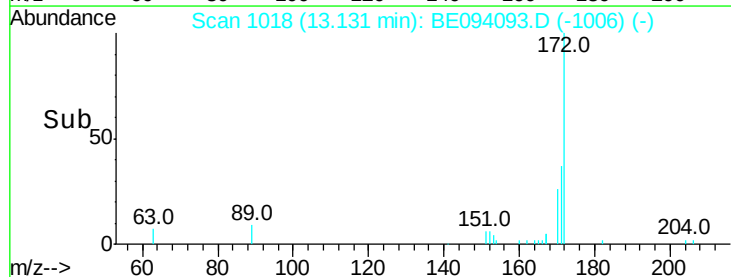
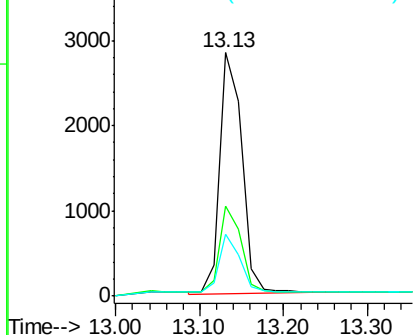


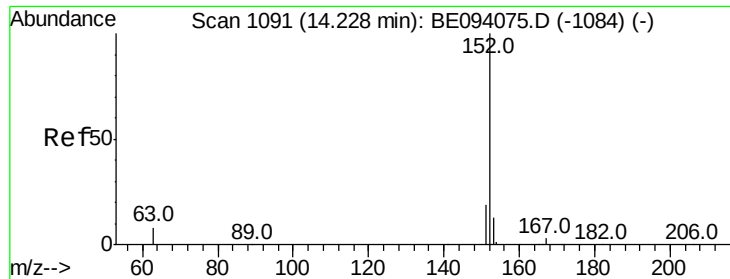
#15
 2-Fluorobiphenyl
 Concen: 0.197 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE094093.D
 Acq: 24 Sep 2017 00:28

Tgt Ion:172 Resp: 5266
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 25.6 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: 0.324 ng

RT: 14.23 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

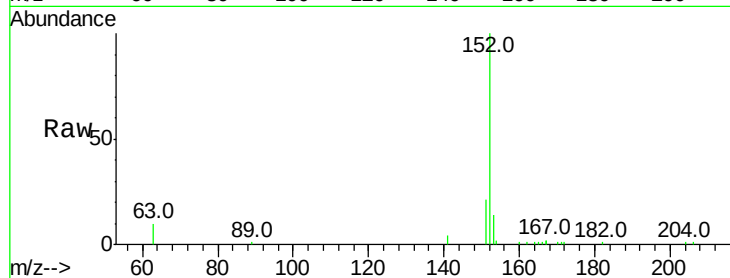
Tot Ion:152 Resp: 13247

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

10000

8000

6000

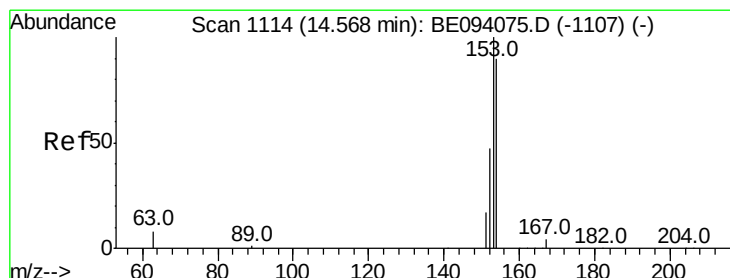
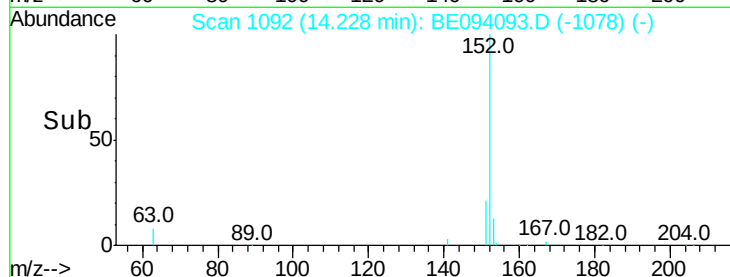
4000

2000

0

14.20 14.23 14.40

Time-->



#17

Acenaphthene

Concen: 0.222 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

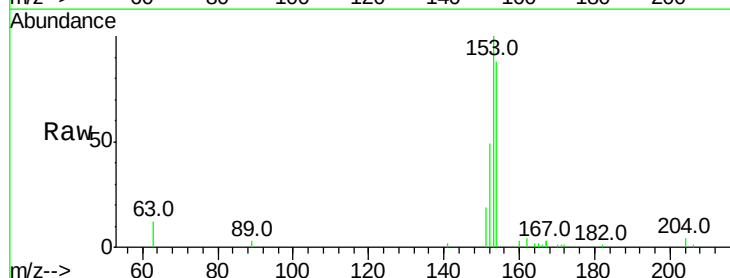
Tgt Ion:154 Resp: 6023

Ion Ratio Lower Upper

154 100

153 111.6 89.2 133.8

152 54.1 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

6000

5000

4000

3000

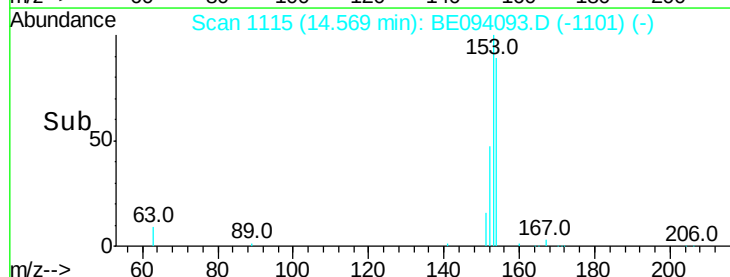
2000

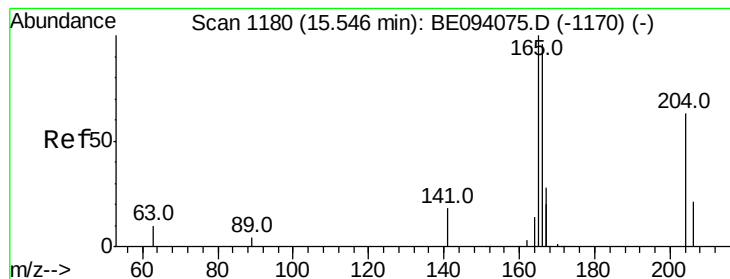
1000

0

14.40 14.57 14.60

Time-->





#18

Fluorene

Concen: 0.213 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

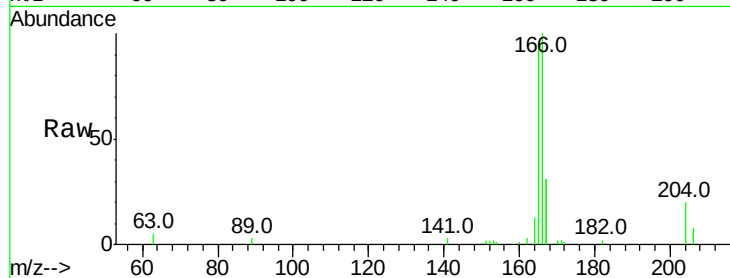
Tot Ion:166 Resp: 8622

Ion Ratio Lower Upper

166 100

165 102.4 77.8 116.6

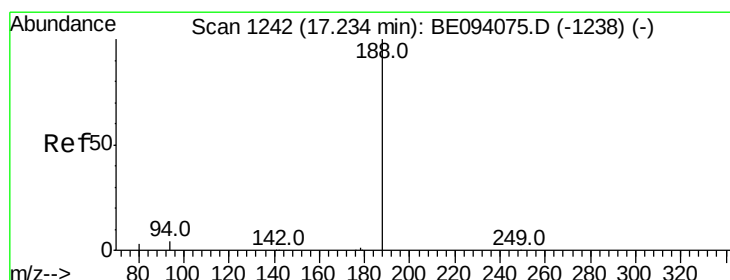
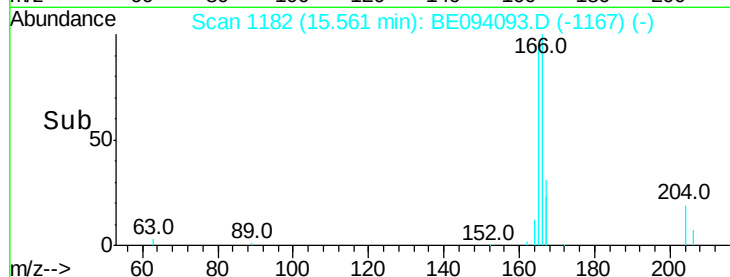
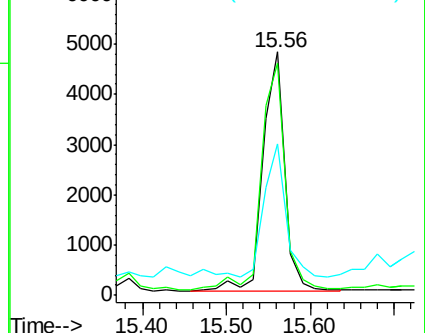
167 55.4 42.4 63.6



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: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

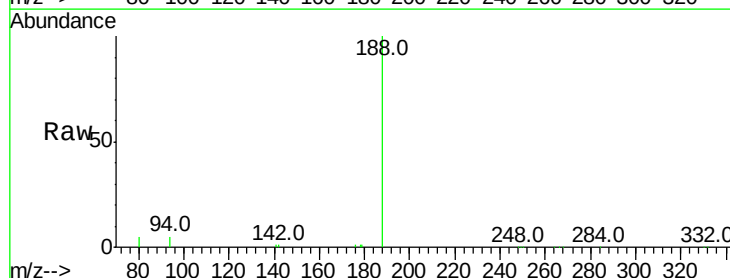
Tgt Ion:188 Resp: 25636

Ion Ratio Lower Upper

188 100

94 5.3 3.9 5.9

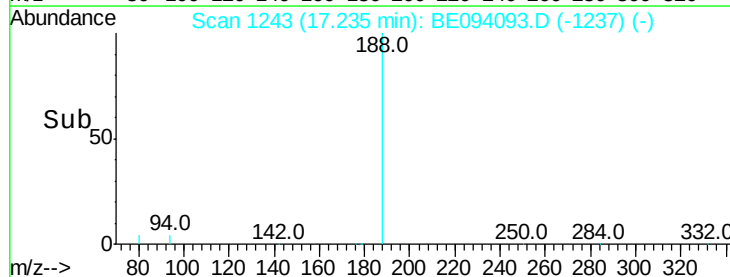
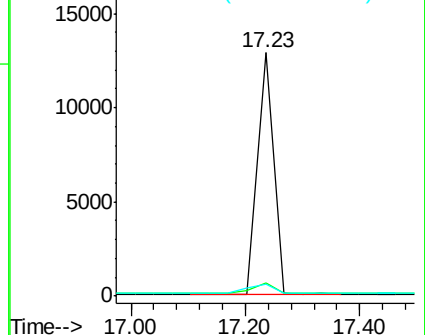
80 4.9 3.6 5.4

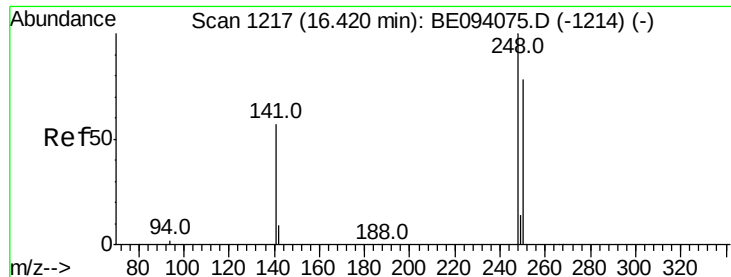


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

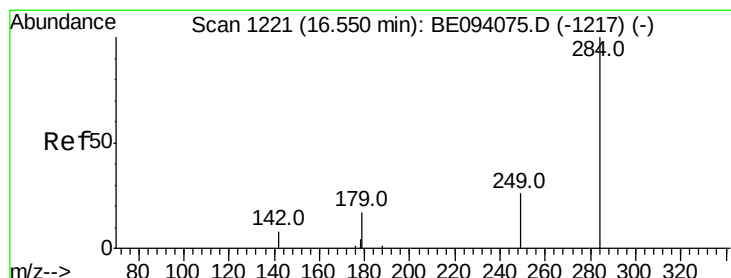
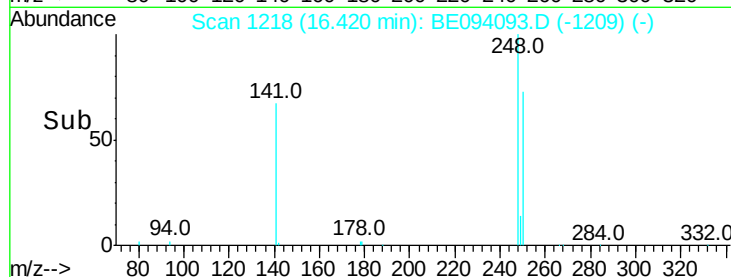
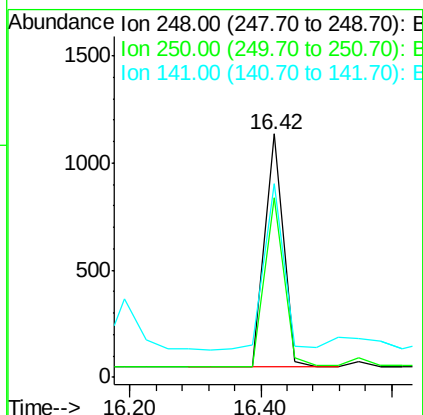
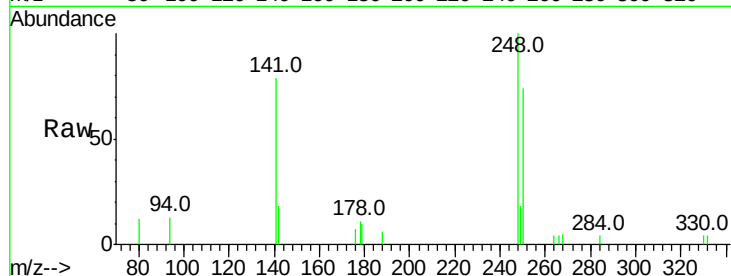




#20
4-Bromophenyl-phenylether
Concen: 0.160 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

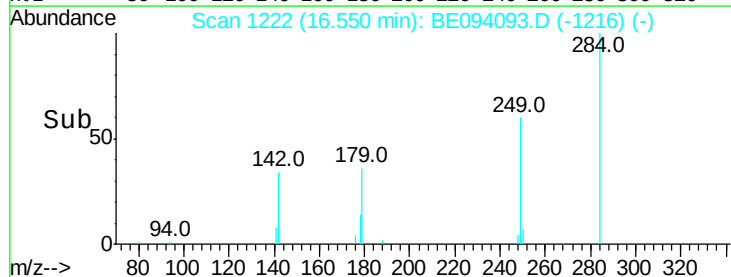
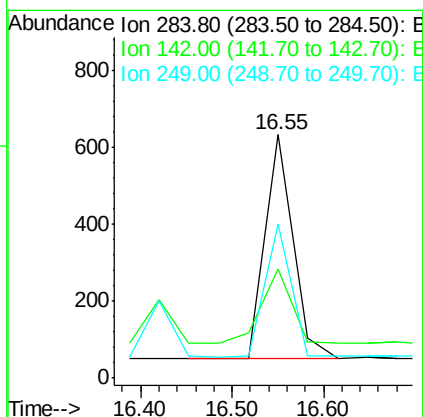
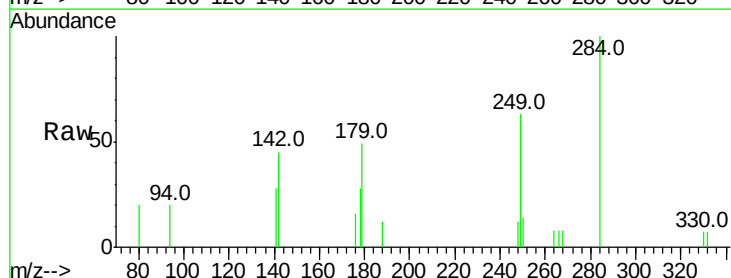
Instrument :
BNA_E
ClientSampled :

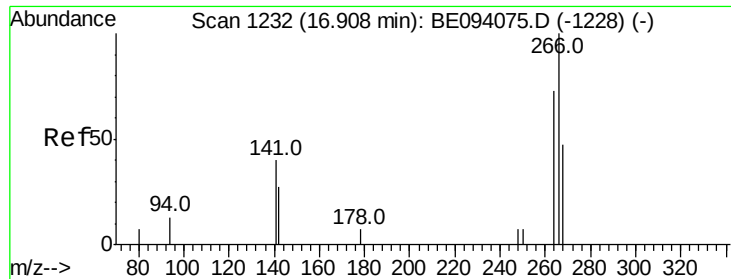
Tot Ion:248 Resp: 2189
Ion Ratio Lower Upper
248 100
250 73.9 62.7 94.1
141 79.5 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.125 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Tgt Ion:284 Resp: 1254
Ion Ratio Lower Upper
284 100
142 35.6 22.1 33.1#
249 55.3 34.8 52.2#

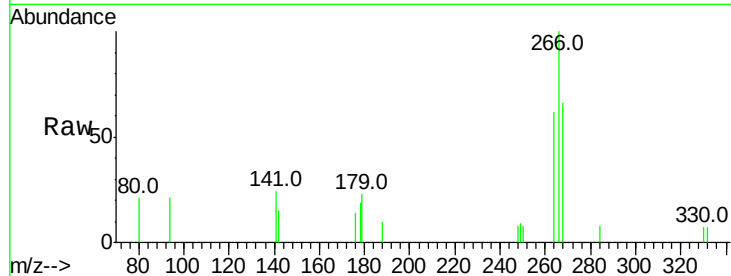




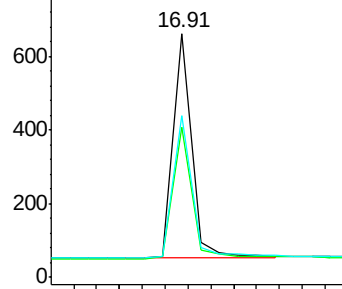
#22
 Pentachlorophenol
 Concen: 0.390 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE094093.D
 Acq: 24 Sep 2017 00:28

Instrument :
 BNA_E
 ClientSampleId :

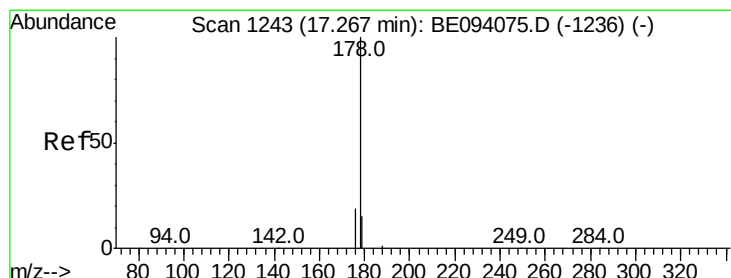
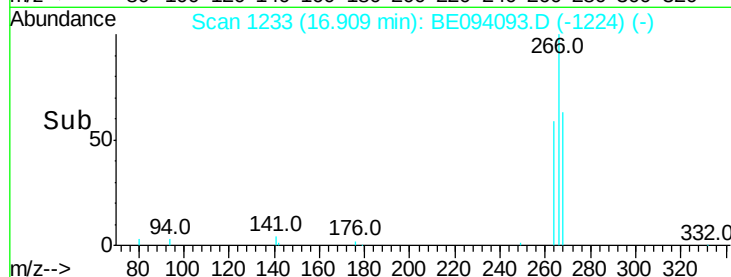
Tot Ion:266 Resp: 1357
 Ion Ratio Lower Upper
 266 100
 264 61.9 72.5 108.7#
 268 66.4 73.8 110.6#



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

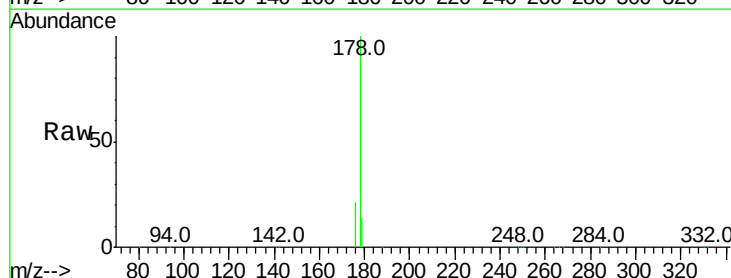


Time-->

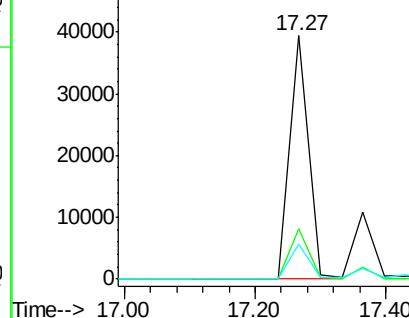


#23
 Phenanthrene
 Concen: 0.858 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE094093.D
 Acq: 24 Sep 2017 00:28

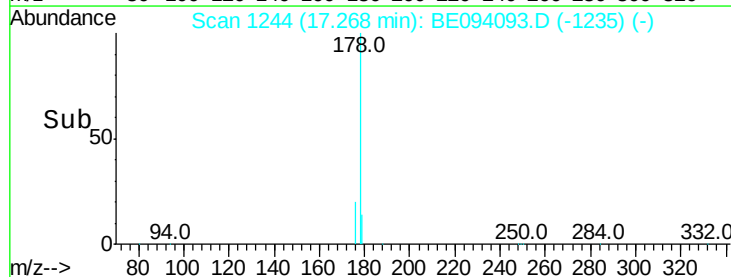
Tgt Ion:178 Resp: 78757
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.1 22.7
 179 15.0 11.8 17.6

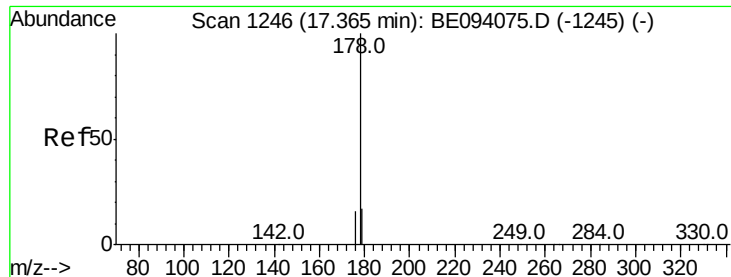


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#24

Anthracene

Concen: 0.314 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

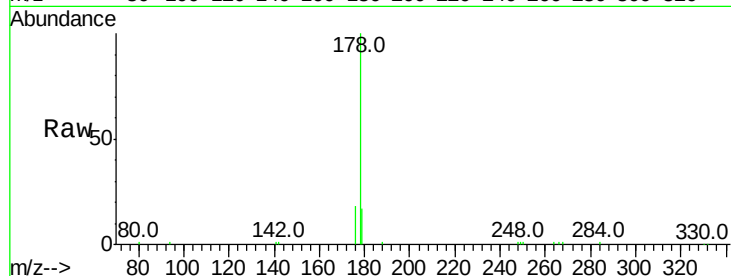
Tot Ion:178 Resp: 22230

Ion Ratio Lower Upper

178 100

176 17.3 12.8 19.2

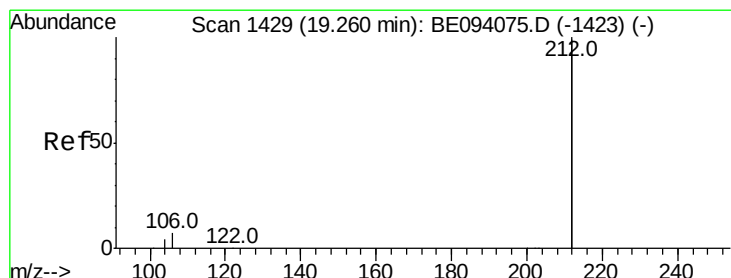
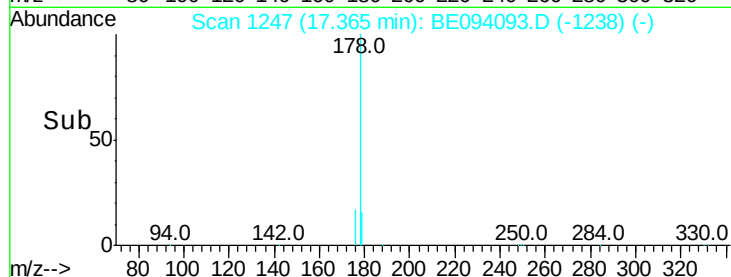
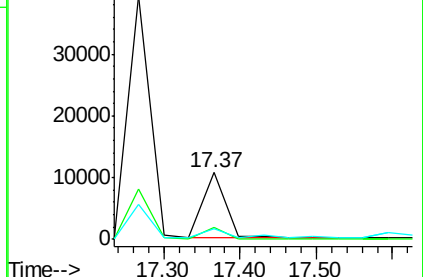
179 19.9 13.0 19.6#



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: 0.092 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

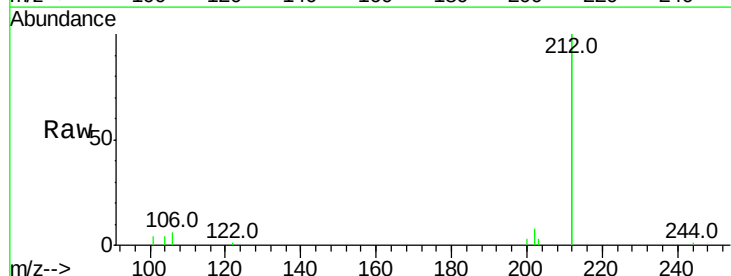
Tgt Ion:212 Resp: 30340

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

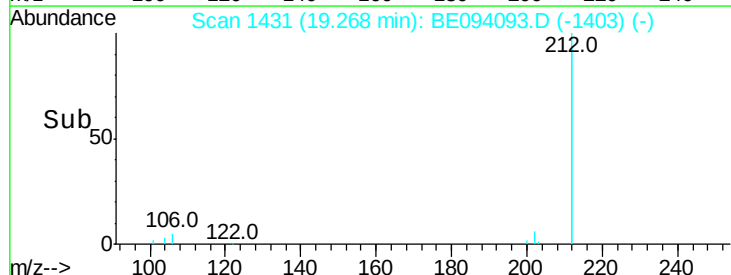
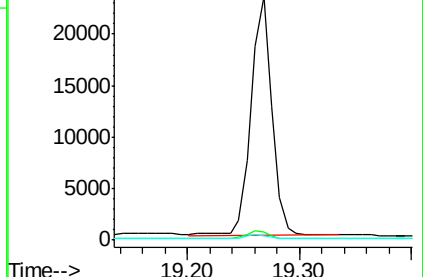
104 2.1 1.6 2.4

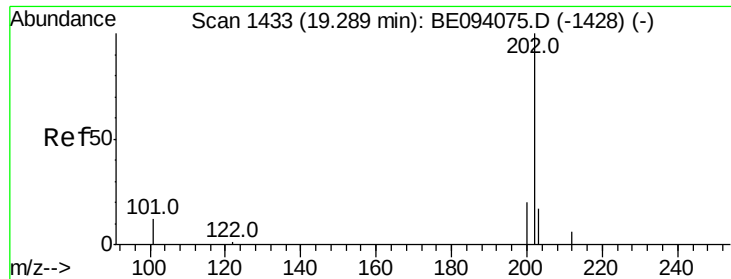


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

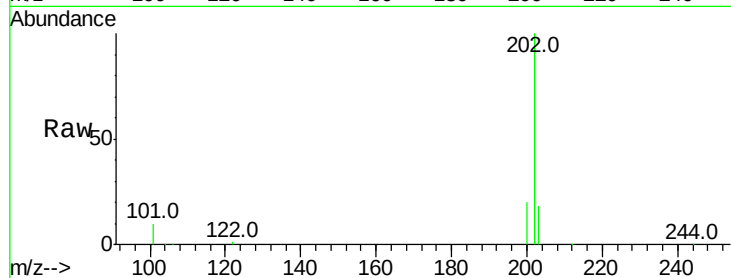




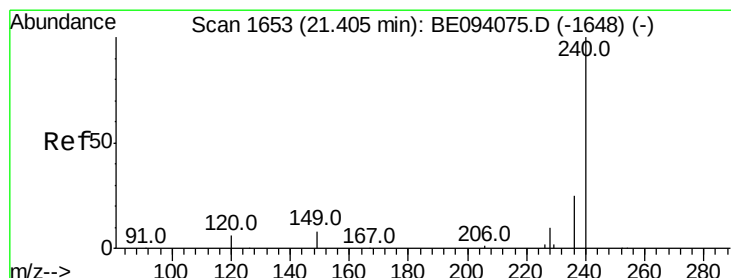
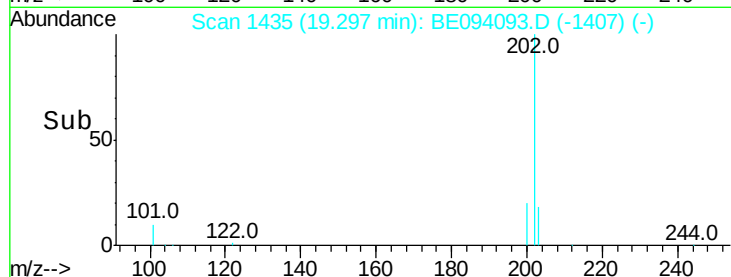
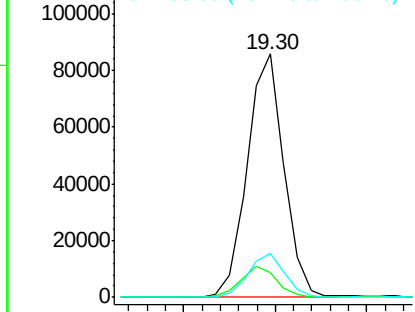
#26
 Fluoranthene
 Concen: 1.207 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BE094093.D
 Acq: 24 Sep 2017 00:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 118924
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.8
 203 17.6 13.7 20.5

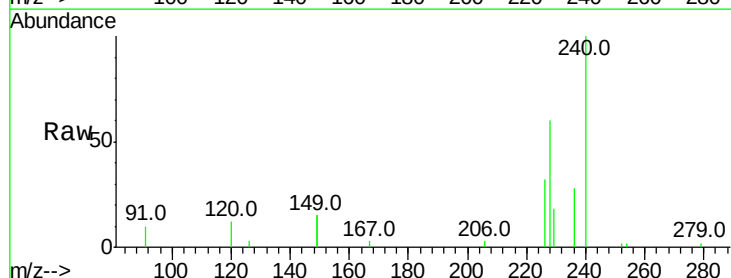


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

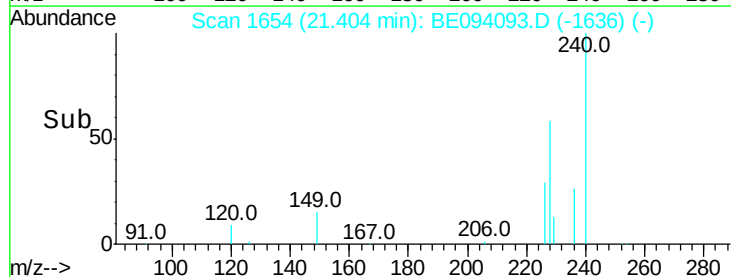
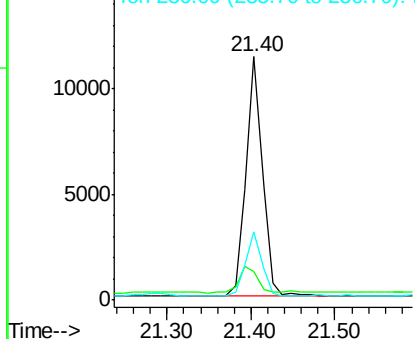


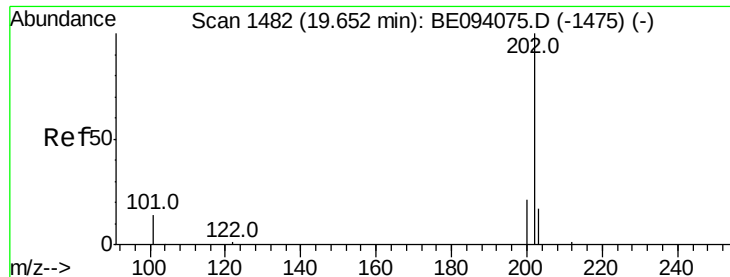
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094093.D
 Acq: 24 Sep 2017 00:28

Tgt Ion:240 Resp: 15403
 Ion Ratio Lower Upper
 240 100
 120 11.5 5.5 8.3#
 236 27.8 20.7 31.1



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

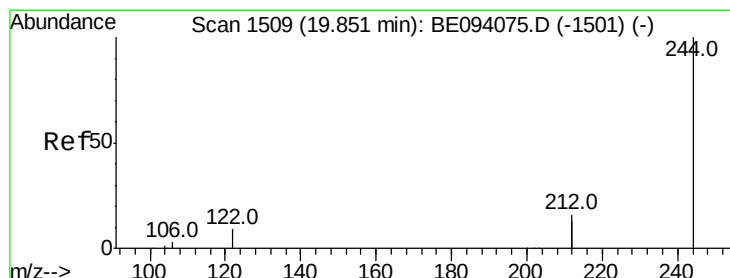
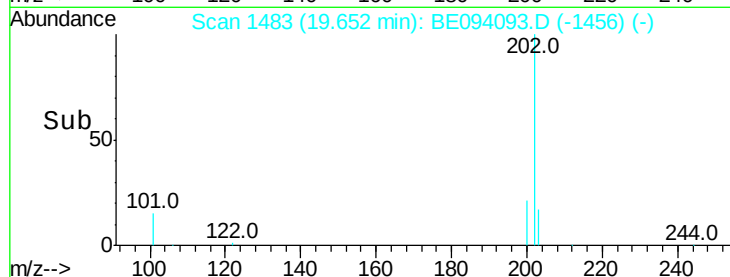
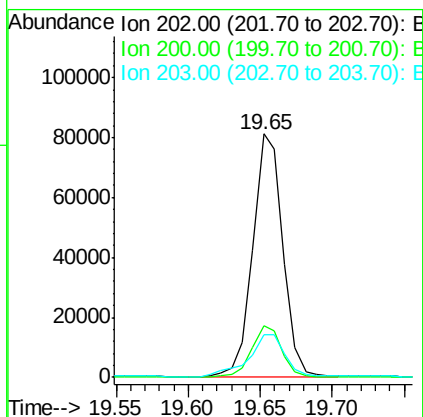
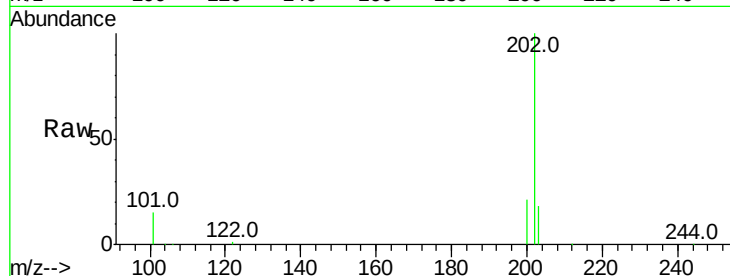




#28
Pvrene
Concen: 2.762 ng
RT: 19.65 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

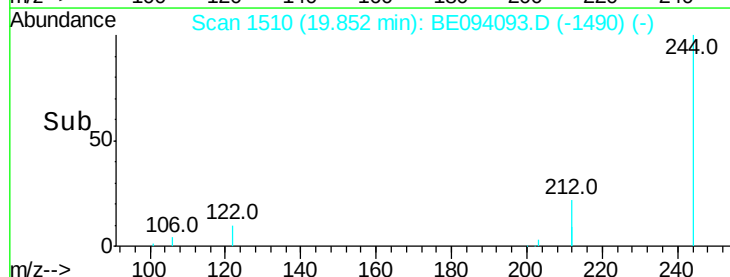
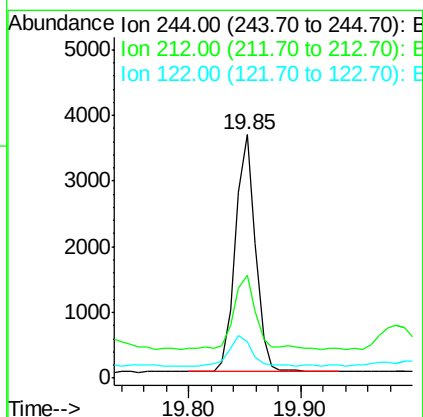
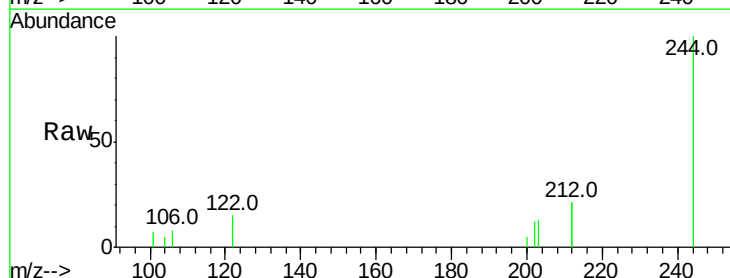
Instrument :
BNA_E
ClientSampleId :

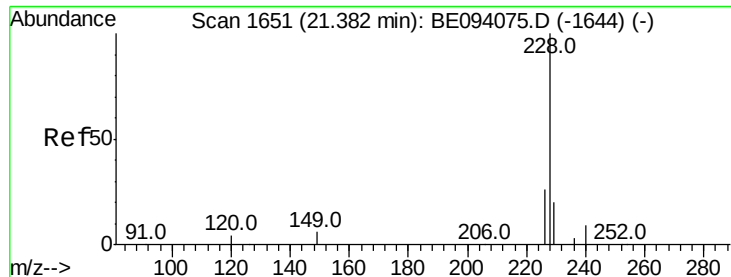
Tot Ion:202 Resp: 117724
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 20.9 13.8 20.8#



#29
Terphenyl-d14
Concen: 0.186 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Tgt Ion:244 Resp: 4477
Ion Ratio Lower Upper
244 100
212 42.4 25.4 38.0#
122 14.7 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 1.049 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

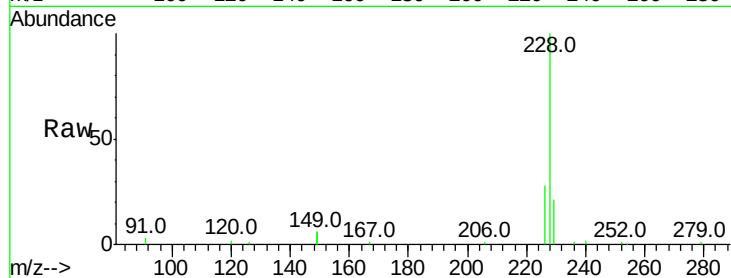
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 54117

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.0
229	20.8	16.4	24.6

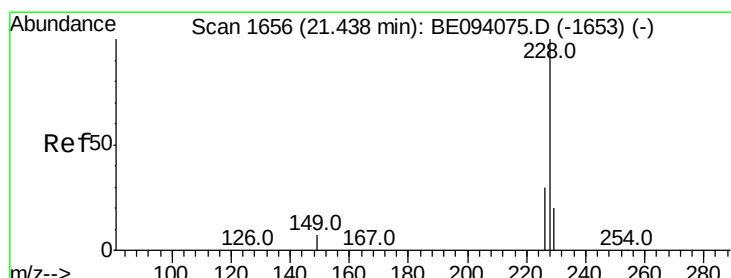
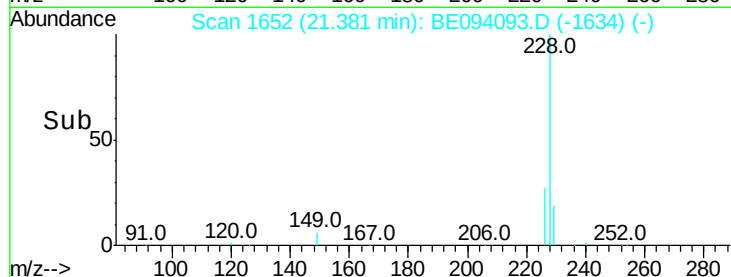
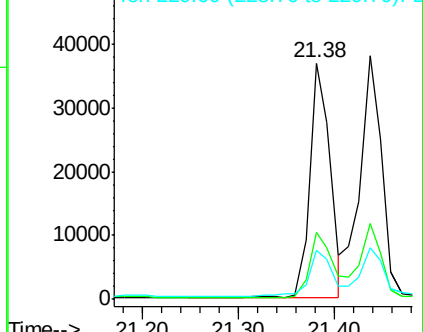


Abundance

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: 1.192 ng

RT: 21.44 min Scan# 1657

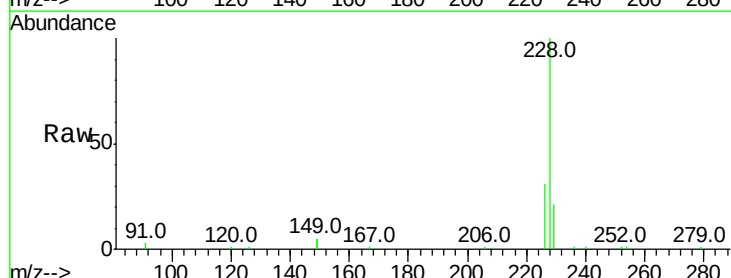
Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Tgt Ion:228 Resp: 60282

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.6	35.4
229	21.3	16.4	24.6

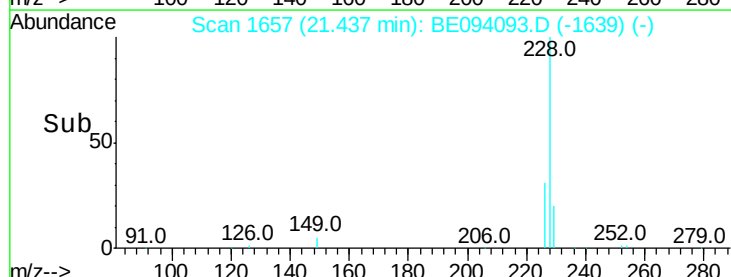
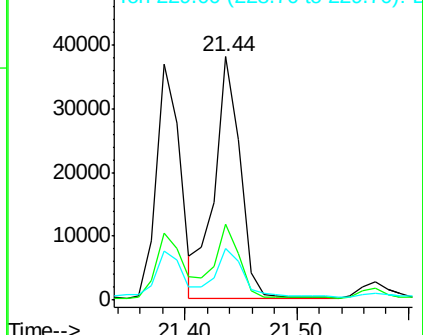


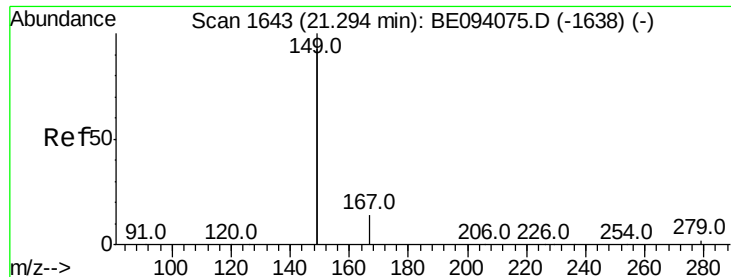
Abundance

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: 0.264 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

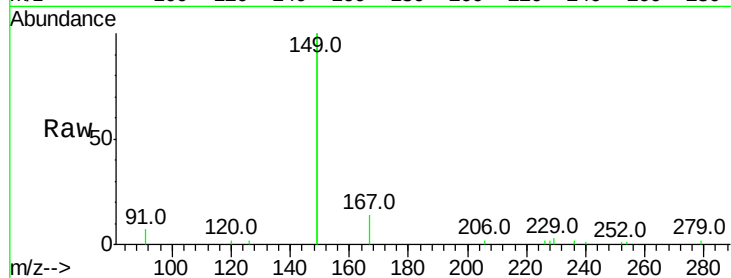
Tot Ion:149 Resp: 36645

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

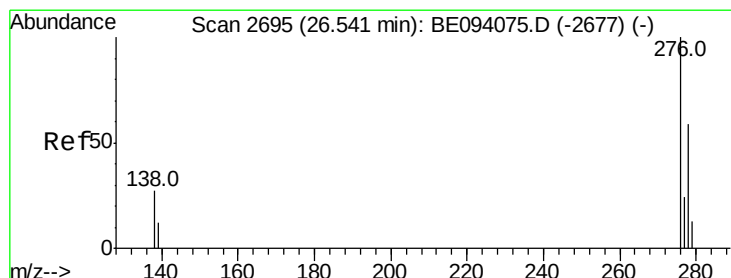
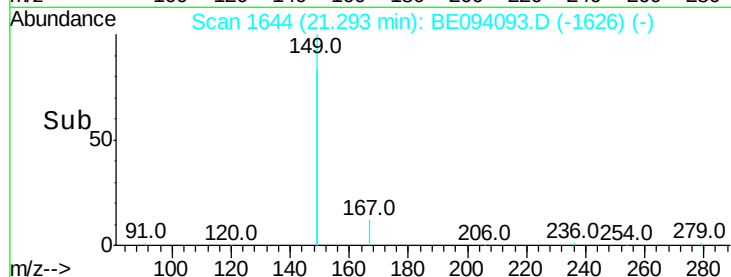
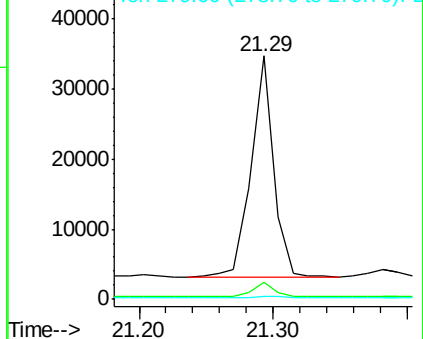
279 1.0 0.7 1.1



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: 0.881 ng

RT: 26.55 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

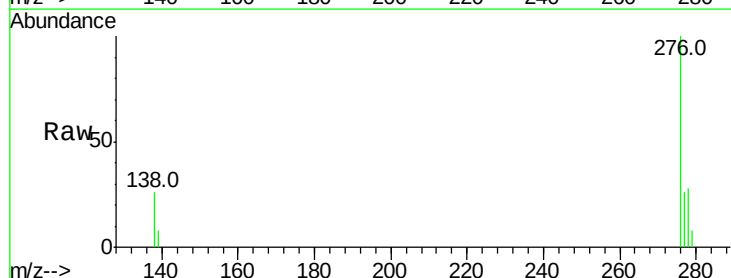
Tgt Ion:276 Resp: 34432

Ion Ratio Lower Upper

276 100

138 25.2 22.5 33.7

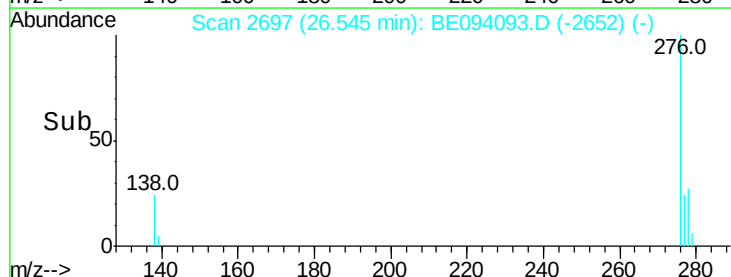
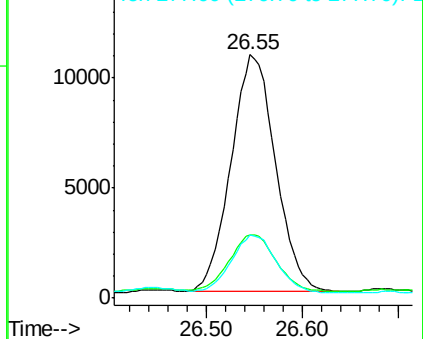
277 25.1 19.9 29.9

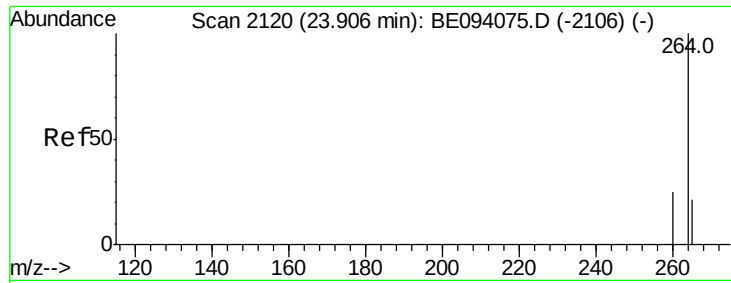


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

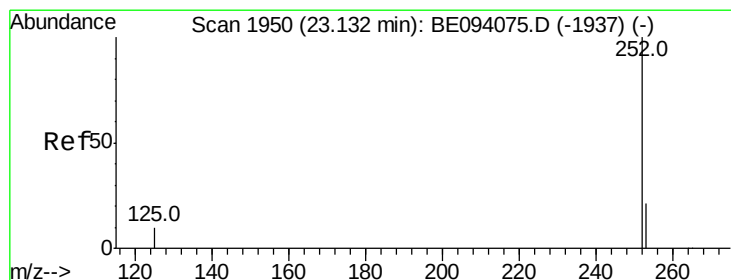
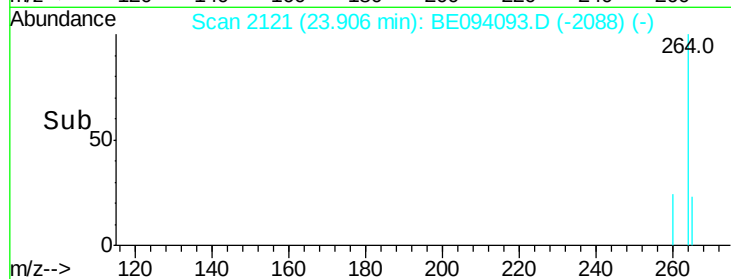
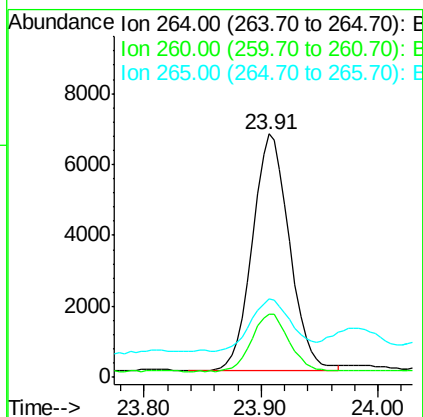
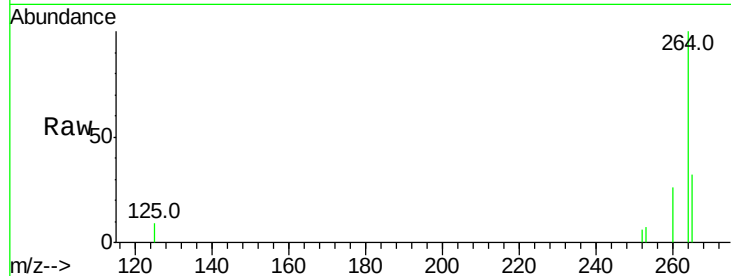




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

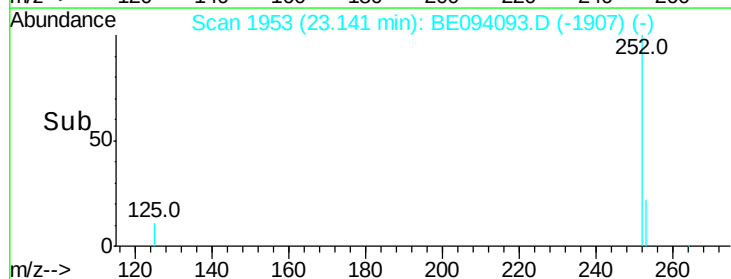
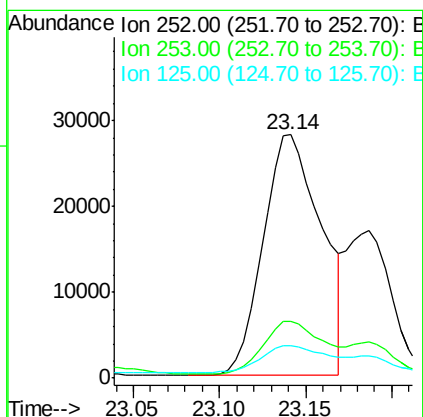
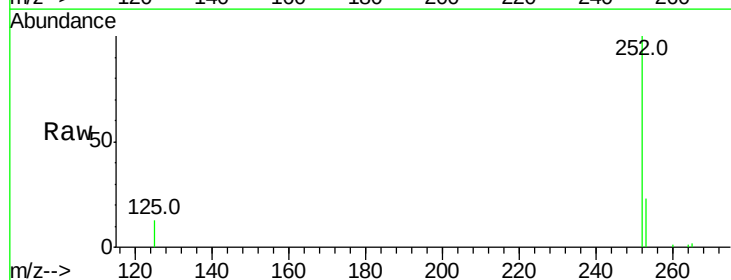
Instrument :
BNA_E
ClientSampleId :

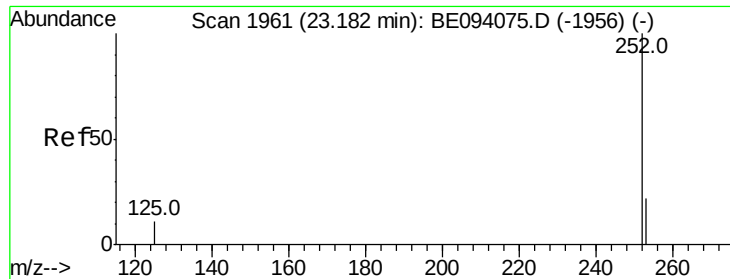
Tot Ion:264 Resp: 14749
Ion Ratio Lower Upper
264 100
260 26.0 20.5 30.7
265 32.3 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 1.231 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Tgt Ion:252 Resp: 65709
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 13.4 10.1 15.1





#36

Benzo(k)fluoranthene

Concen: 1.227 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

Instrument :

BNA_E

ClientSampleId :

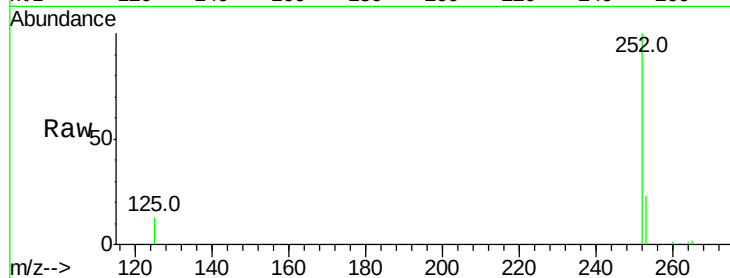
Tot Ion:252 Resp: 65709

Ion Ratio Lower Upper

252 100

253 23.5 18.6 27.8

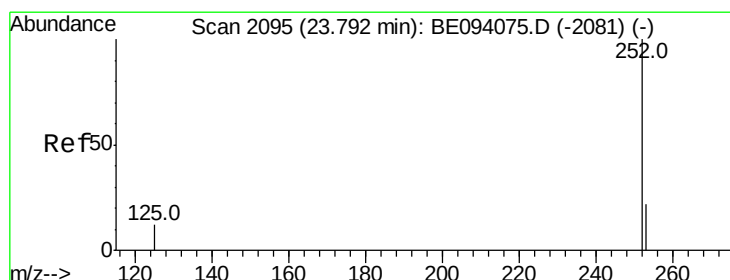
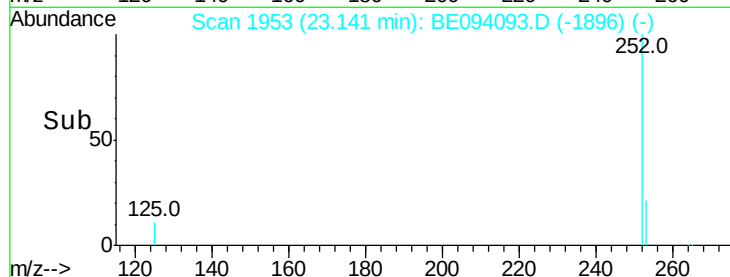
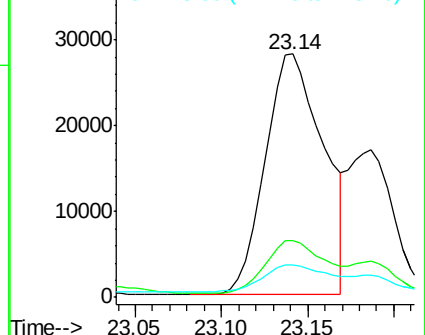
125 13.4 10.7 16.1



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: 1.041 ng

RT: 23.79 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BE094093.D

Acq: 24 Sep 2017 00:28

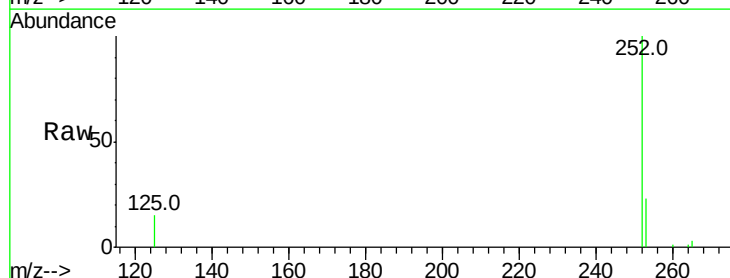
Tgt Ion:252 Resp: 49903

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.6

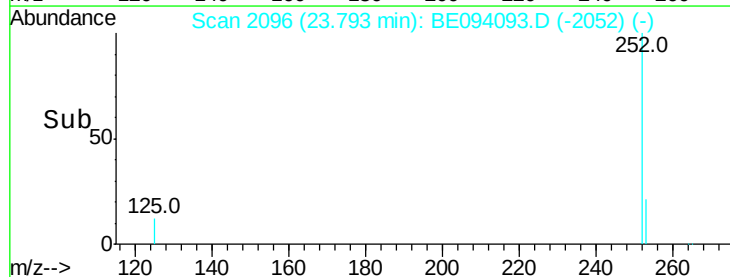
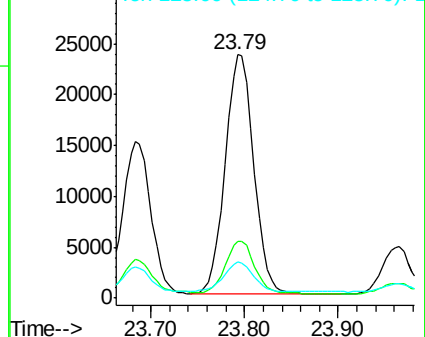
125 14.7 11.8 17.8

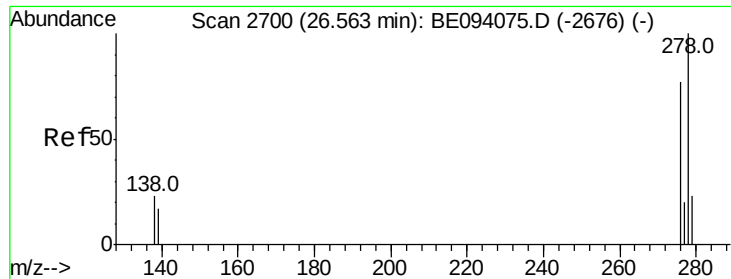


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

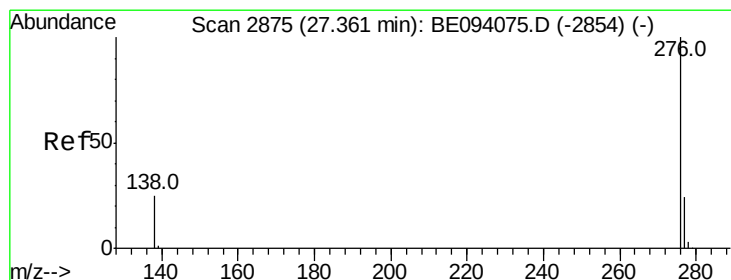
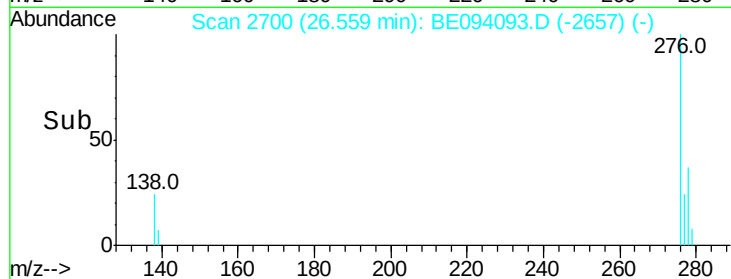
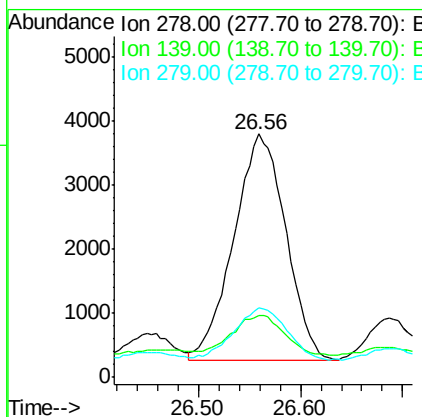
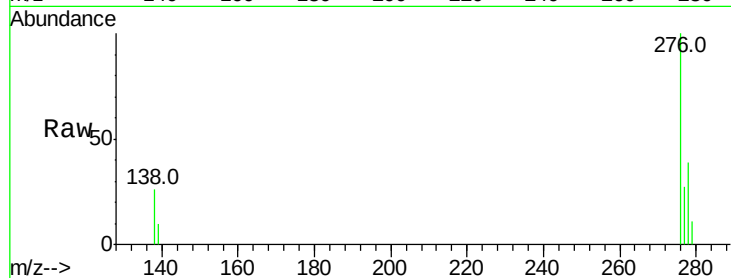




#38
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 12515
Ion Ratio Lower Upper
278 100
139 25.6 16.3 24.5#
279 28.4 19.9 29.9



#39
Benzo(g,h,i)perylene
Concen: 0.883 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BE094093.D
Acq: 24 Sep 2017 00:28

Tgt Ion:276 Resp: 33868
Ion Ratio Lower Upper
276 100
277 25.4 20.8 31.2
138 26.0 21.5 32.3

