

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094100.D
 Acq On : 25 Sep 2017 13:38
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 15:42:48 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 15:34:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1360	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6147	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4710	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14655	0.40	ng	0.00
27) Chrysene-d12	21.40	240	13212	0.40	ng	0.00
34) Perylene-d12	23.91	264	12734	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	600	0.08	ng	0.00
5) Phenol-d6	7.09	99	774	0.10	ng	0.00
8) Nitrobenzene-d5	9.05	82	694	0.13	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	974	0.09	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	493	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	1358	0.09	ng	0.00
25) Fluoranthene-d10	19.27	212	15798	0.08	ng	0.00
29) Terphenyl-d14	19.85	244	2890	0.14	ng	0.00

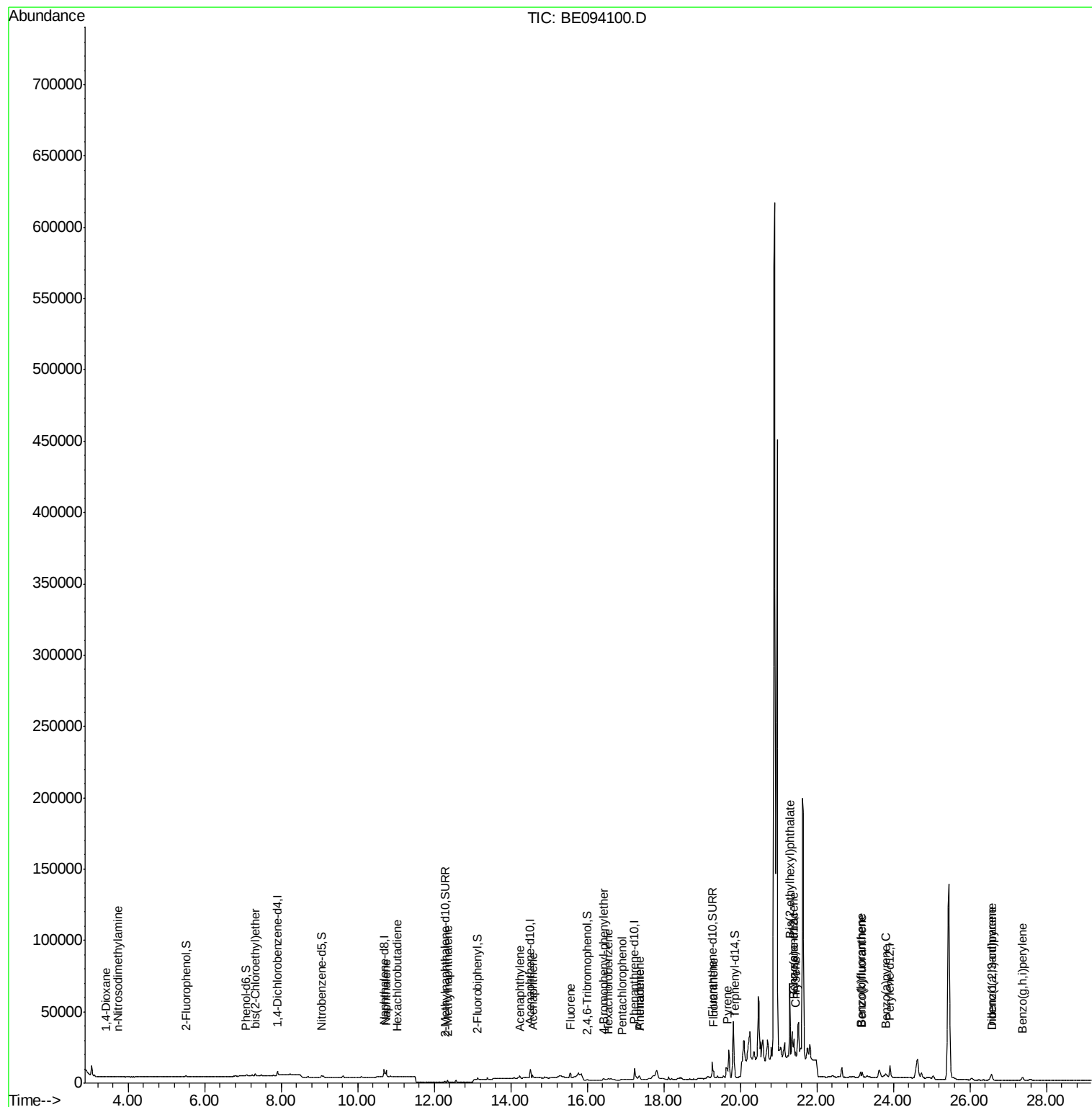
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	281	0.099	ng	# 76
3) n-Nitrosodimethylamine	3.73	42	435	0.124	ng	# 73
6) bis(2-Chloroethyl)ether	7.33	93	596	0.099	ng	# 88
9) Naphthalene	10.74	128	7327	0.094	ng	# 97
10) Hexachlorobutadiene	11.03	225	298	0.120	ng	# 95
12) 2-Methylnaphthalene	12.35	142	1165	0.094	ng	# 95
16) Acenaphthylene	14.23	152	1991	0.084	ng	# 88
17) Acenaphthene	14.57	154	1185	0.075	ng	# 91
18) Fluorene	15.56	166	1695	0.072	ng	# 90
20) 4-Bromophenyl-phenylether	16.42	248	649	0.083	ng	# 72
21) Hexachlorobenzene	16.55	284	426	0.074	ng	# 49
22) Pentachlorophenol	16.91	266	387	0.945	ng	# 81
23) Phenanthrene	17.37	178	3962	0.075	ng	# 96
24) Anthracene	17.37	178	3962	0.098	ng	# 94
26) Fluoranthene	19.30	202	4318	0.077	ng	# 97
28) Pyrene	19.66	202	4686	0.128	ng	# 96
30) Benzo(a)anthracene	21.39	228	4639	0.105	ng	# 80
31) Chrysene	21.44	228	4473	0.103	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	60385	0.508	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.56	276	5513	0.164	ng	# 96
35) Benzo(b)fluoranthene	23.14	252	6414	0.139	ng	# 39
36) Benzo(k)fluoranthene	23.19	252	5180	0.112	ng	# 31
37) Benzo(a)pyrene	23.80	252	4757	0.115	ng	# 20
38) Dibenzo(a,h)anthracene	26.57	278	4607	0.139	ng	# 53
39) Benzo(g,h,i)perylene	27.37	276	4425	0.134	ng	# 59

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

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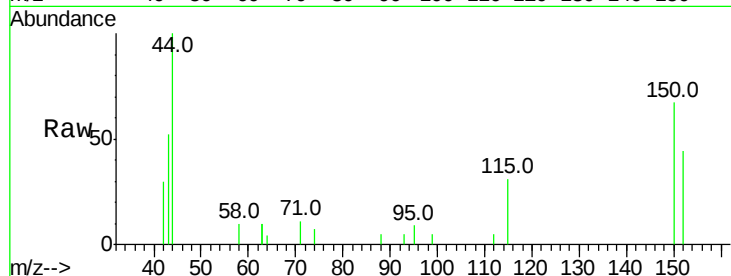


#1

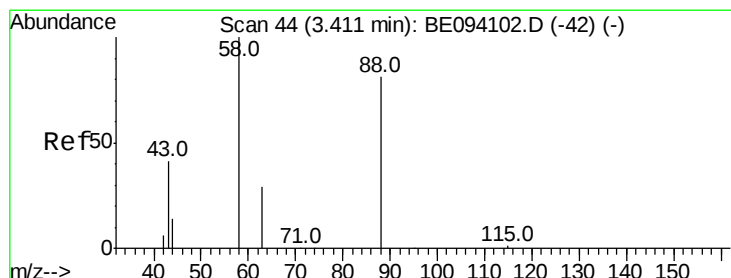
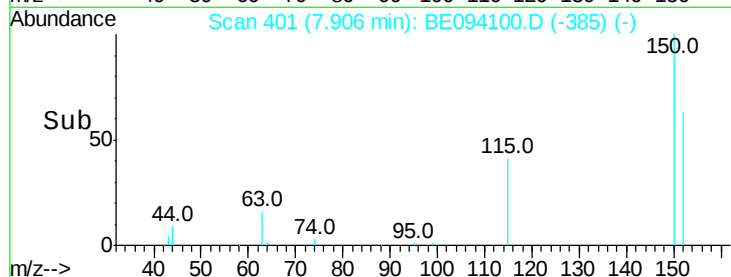
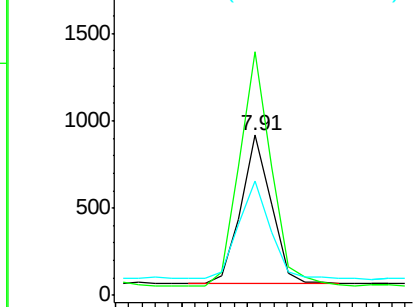
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1360
Ion Ratio Lower Upper
152 100
150 152.1 117.2 175.8
115 71.3 57.0 85.6



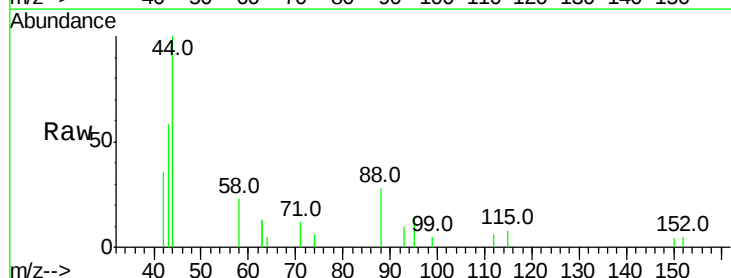
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



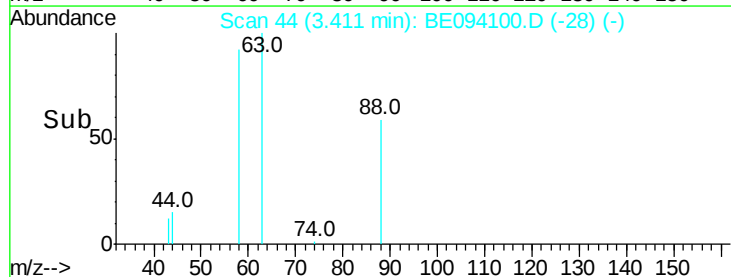
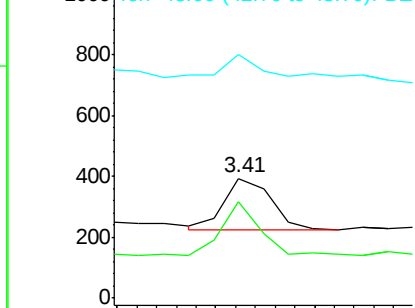
#2

1,4-Dioxane
Concen: 0.099 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion: 88 Resp: 281
Ion Ratio Lower Upper
88 100
58 94.7 63.2 94.8
43 75.4 41.2 61.8#



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: 0.124 ng

RT: 3.73 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE094100.D

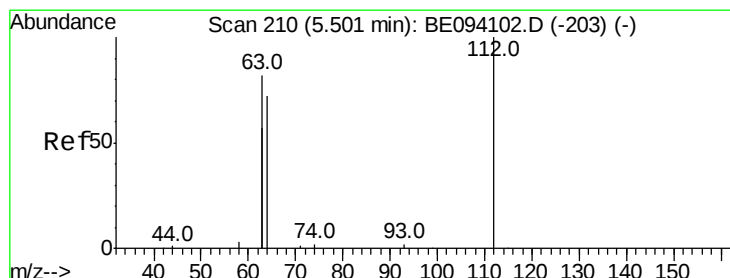
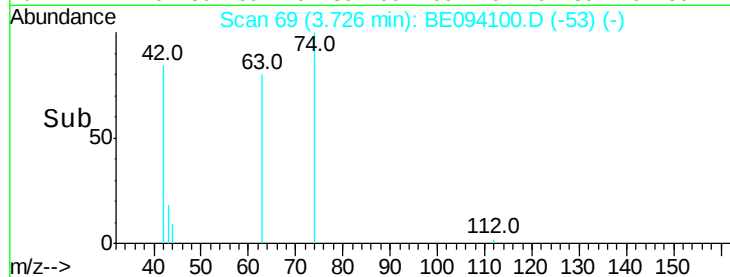
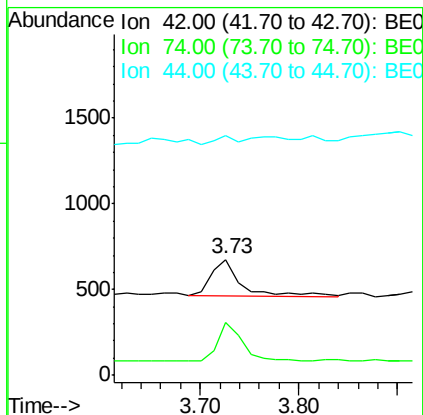
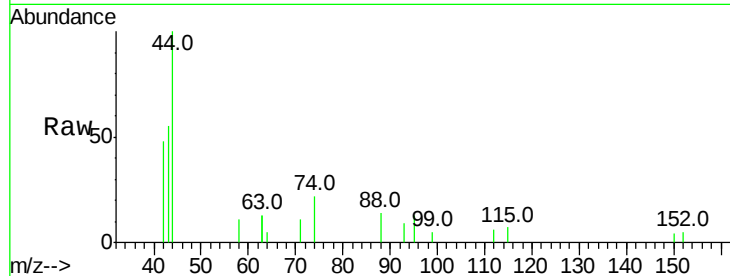
Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	435
Ion	Ratio	Lower	Upper
42	100		
74	91.0	100.3	150.5#
44	15.9	17.0	25.4#



#4

2-Fluorophenol

Concen: 0.084 ng

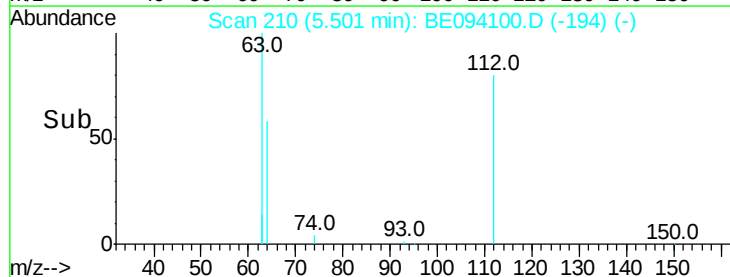
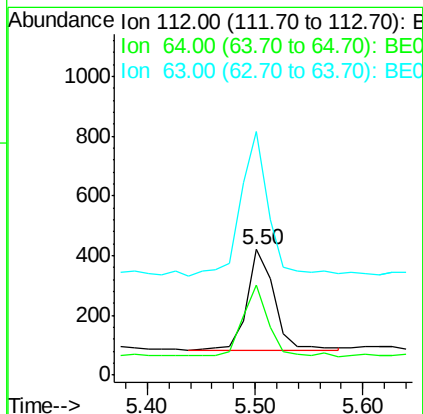
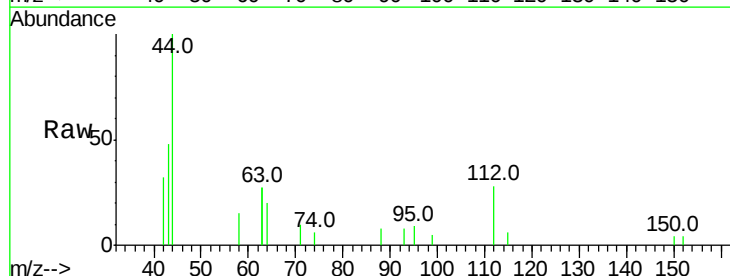
RT: 5.50 min Scan# 210

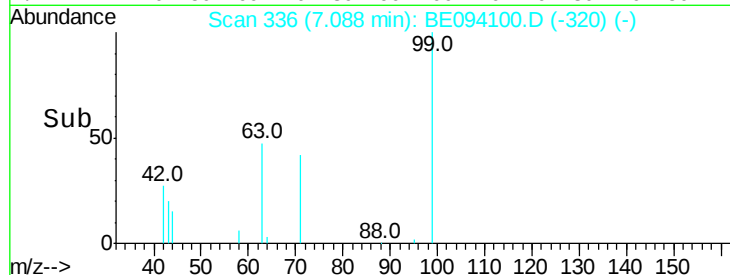
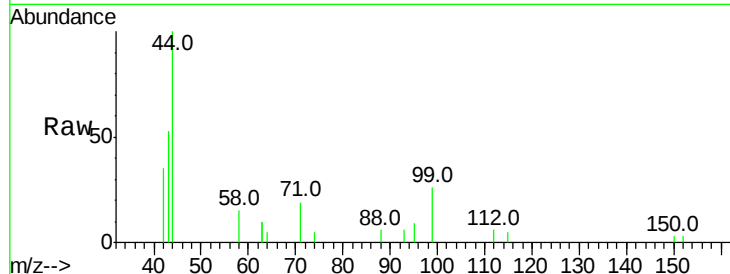
Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Tgt Ion:	112	Resp:	600
Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	148.8	116.8	175.2





#5

Phenol-d6

Concen: 0.096 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

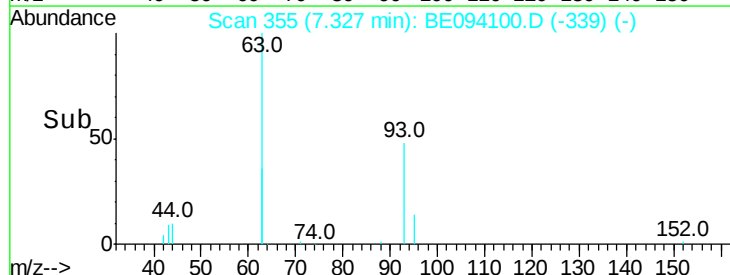
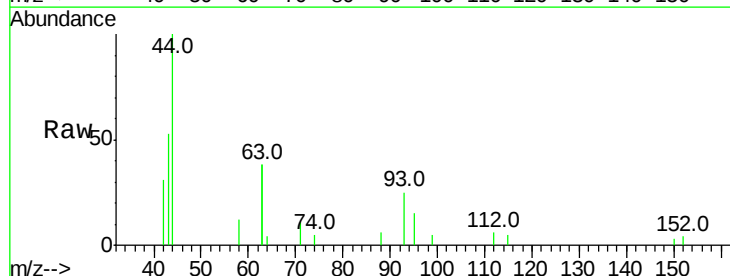
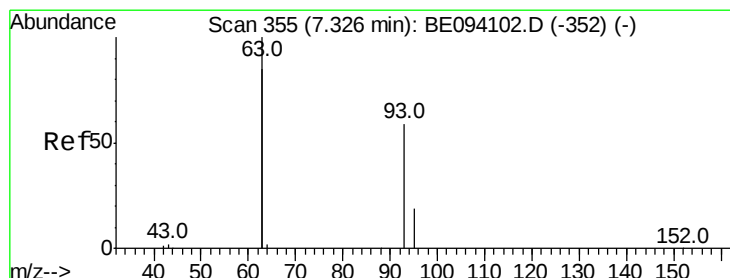
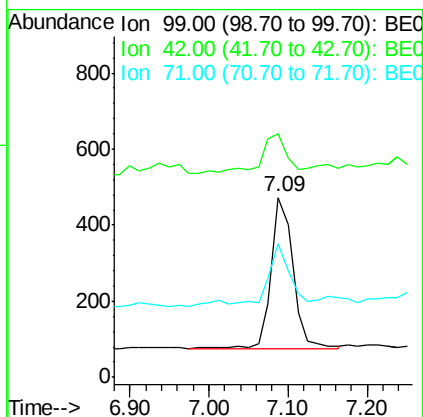
Tot Ion: 99 Resp: 774

Ion Ratio Lower Upper

99 100

42 30.6 20.2 30.2#

71 35.5 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.099 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

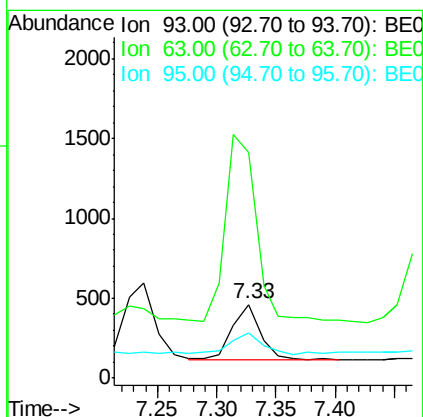
Tgt Ion: 93 Resp: 596

Ion Ratio Lower Upper

93 100

63 367.4 275.3 412.9

95 42.3 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6147

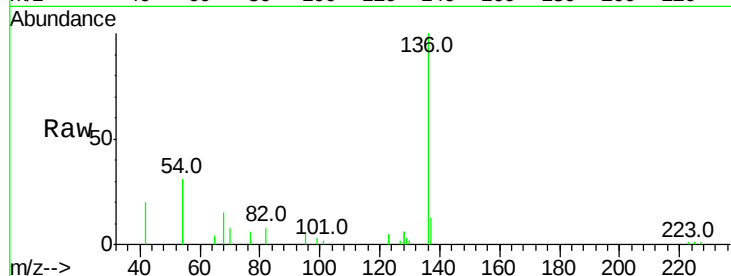
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 61.5 29.1 43.7#

68 15.0 6.2 9.2#

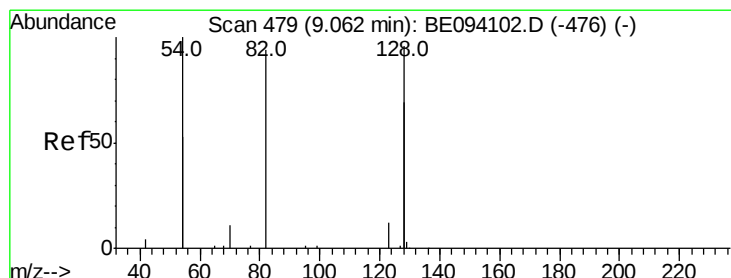
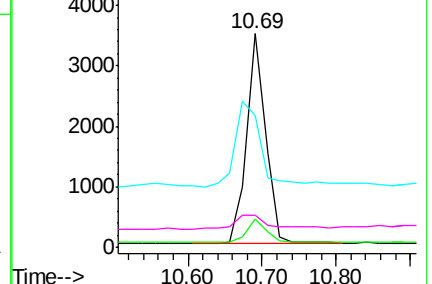
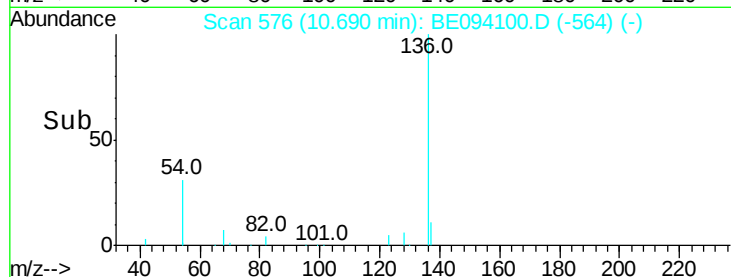


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.127 ng

RT: 9.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

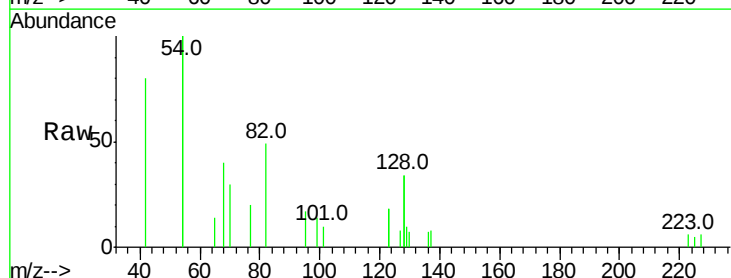
Tgt Ion: 82 Resp: 694

Ion Ratio Lower Upper

82 100

128 138.0 150.0 225.0#

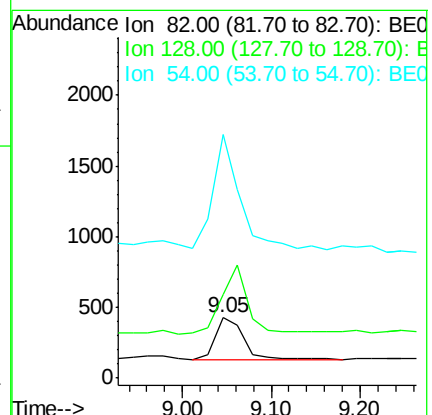
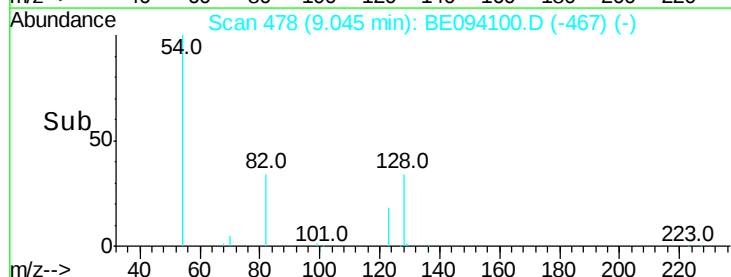
54 404.2 154.2 231.4#

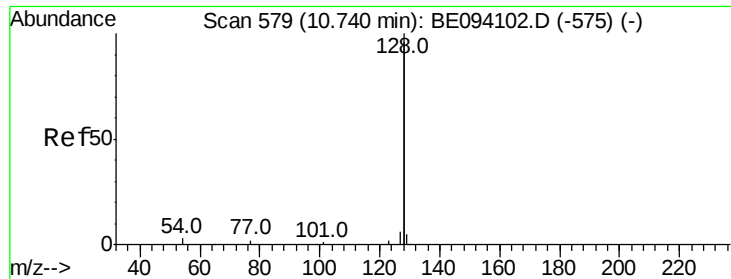


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.094 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

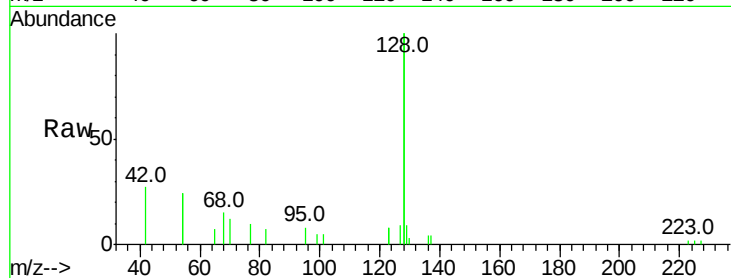
Tot Ion:128 Resp: 7327

Ion Ratio Lower Upper

128 100

129 4.5 2.6 3.8#

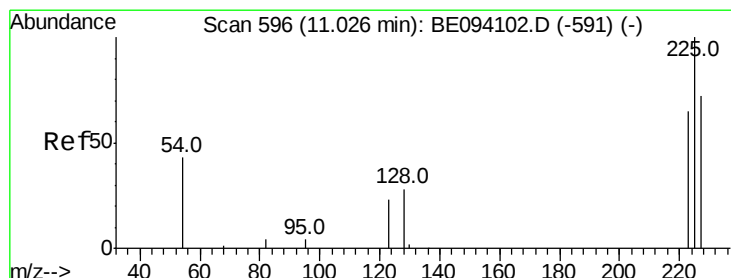
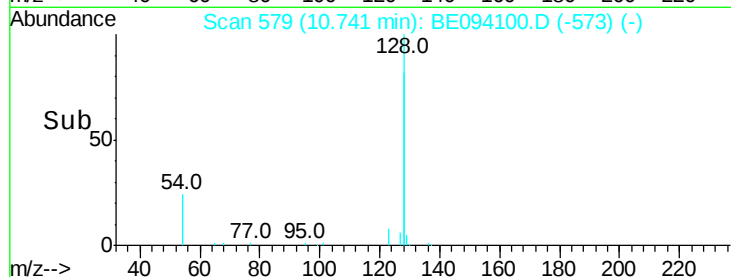
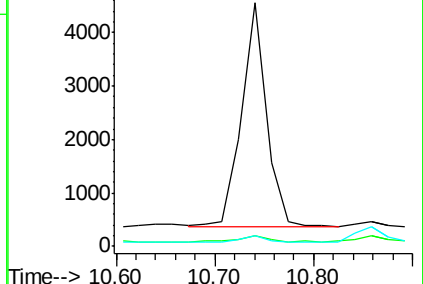
127 4.5 2.8 4.2#



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: 0.120 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

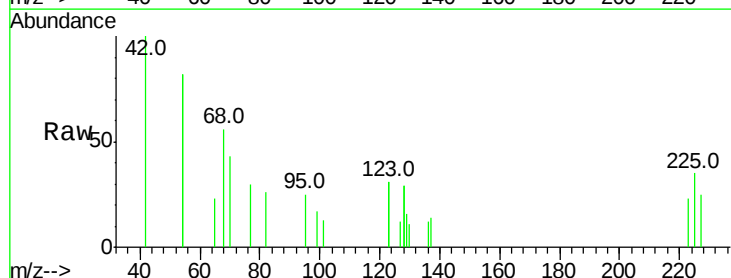
Tgt Ion:225 Resp: 298

Ion Ratio Lower Upper

225 100

223 64.8 53.0 79.6

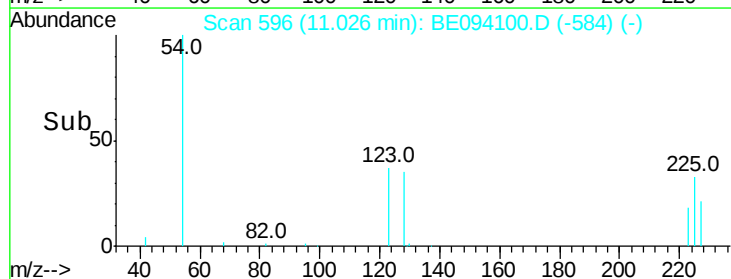
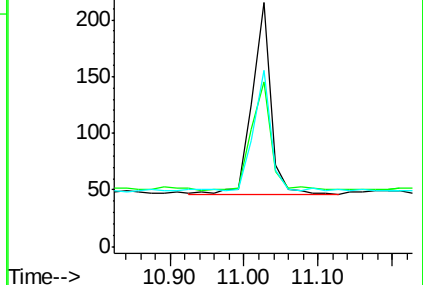
227 57.7 51.4 77.2



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: 0.094 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

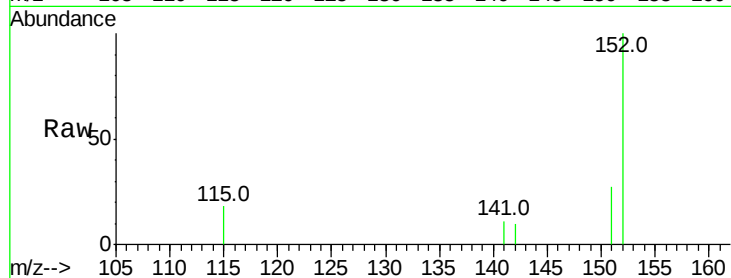
ClientSampleId :

Tot Ion:152 Resp: 974

Ion Ratio Lower Upper

152 100

151 21.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

800

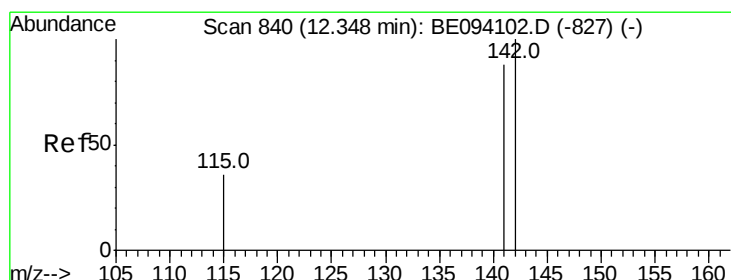
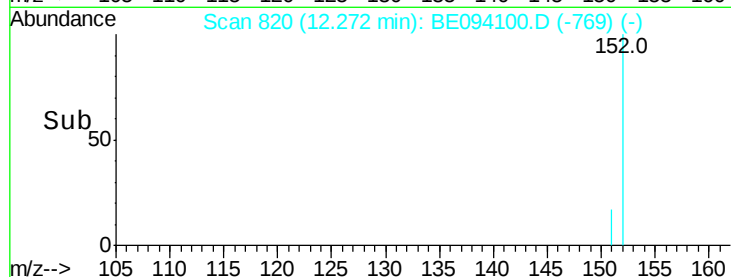
600

400

200

0

Time--> 12.20 12.25 12.30



#12

2-Methylnaphthalene

Concen: 0.094 ng

RT: 12.35 min Scan# 840

Delta R.T. -0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

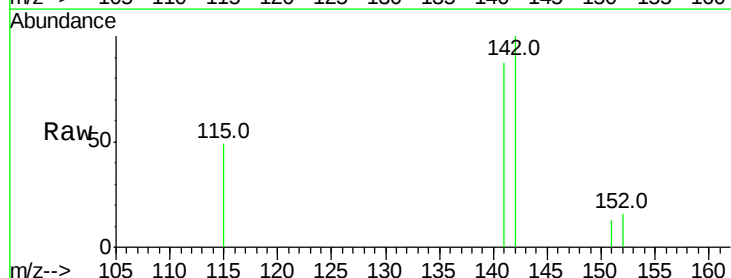
Tgt Ion:142 Resp: 1165

Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6

115 49.1 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

12.35

1000

800

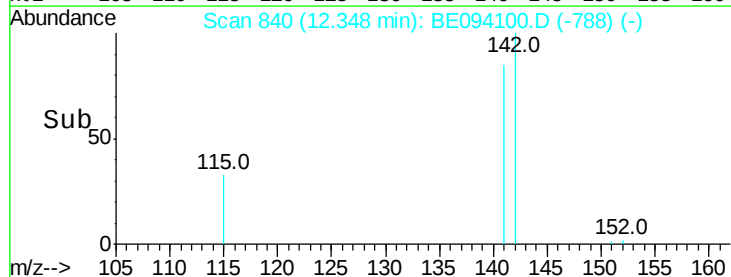
600

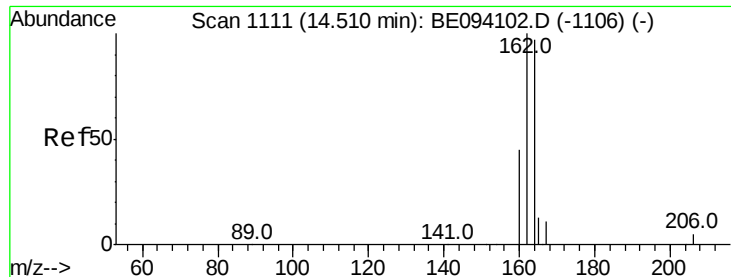
400

200

0

Time--> 12.25 12.30 12.35 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

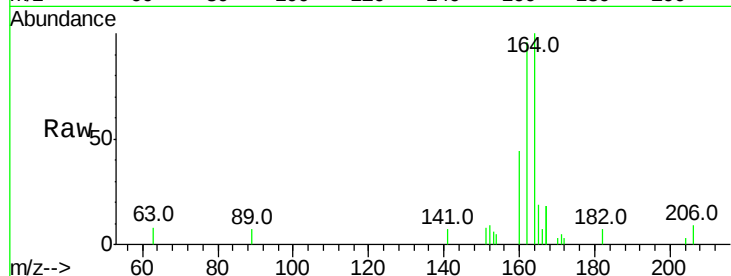
Tot Ion:164 Resp: 4710

Ion Ratio Lower Upper

164 100

162 95.9 83.1 124.7

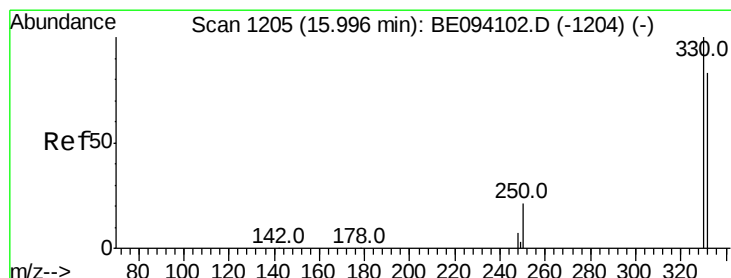
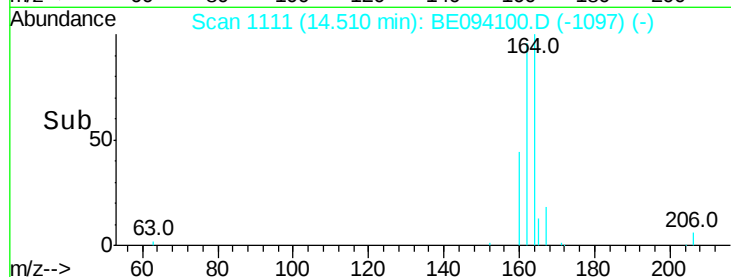
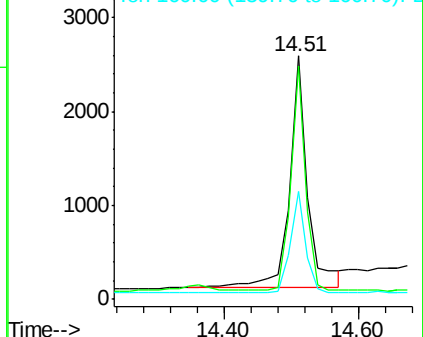
160 44.4 37.1 55.7



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: 0.138 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

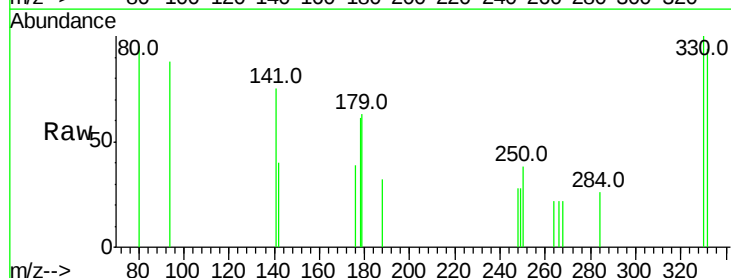
Tgt Ion:330 Resp: 493

Ion Ratio Lower Upper

330 100

332 94.3 152.7 229.1#

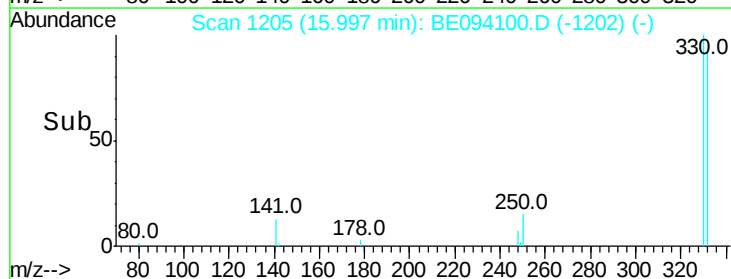
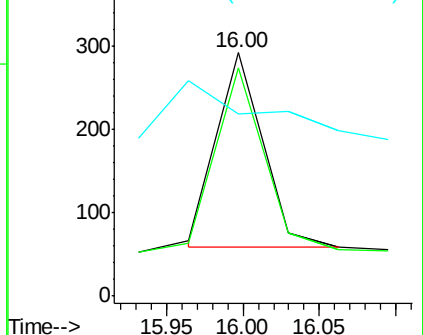
141 0.0 33.7 50.5#

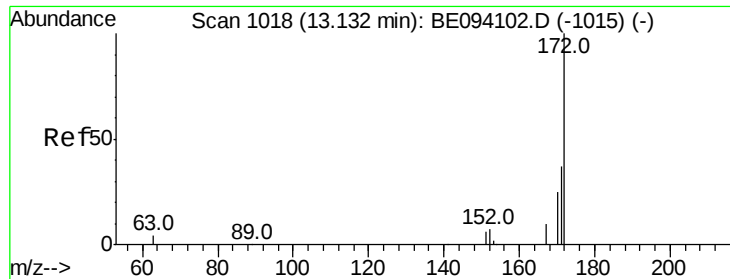


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

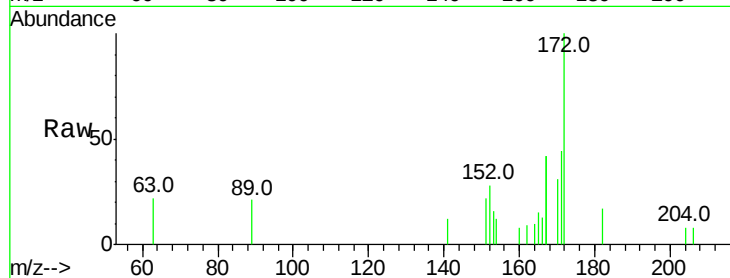




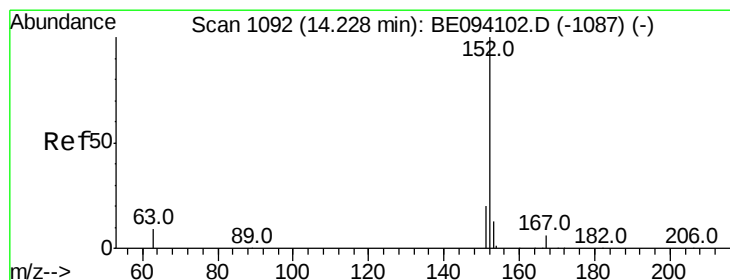
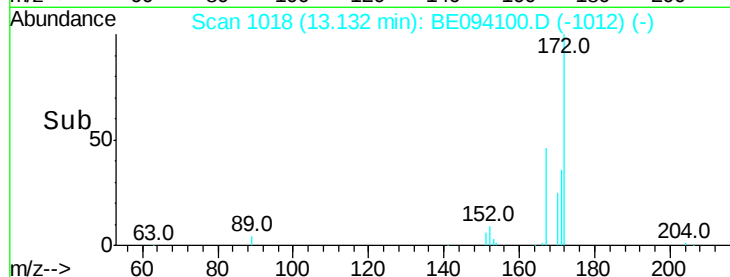
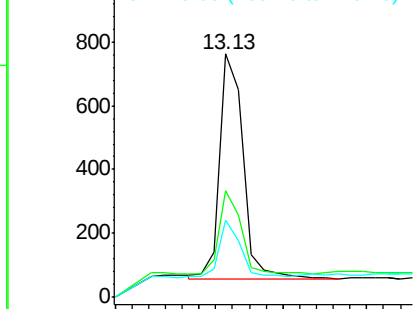
#15
2-Fluorobiphenyl
Concen: 0.088 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 1358
Ion Ratio Lower Upper
172 100
171 43.6 29.9 44.9
170 31.5 21.8 32.8

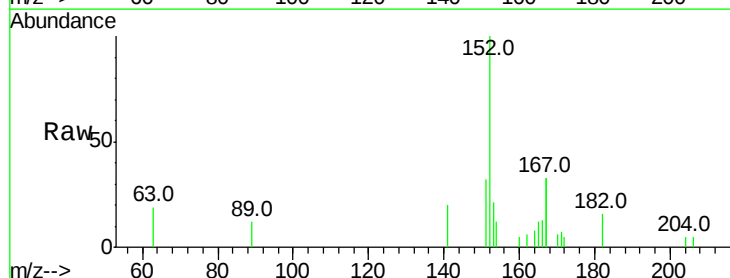


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

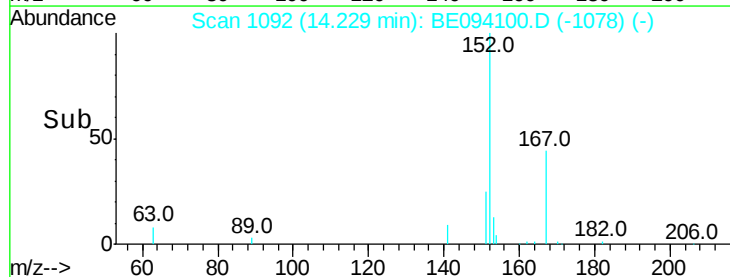
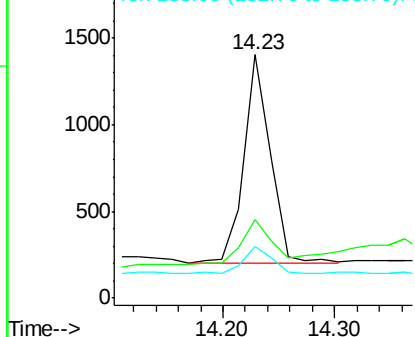


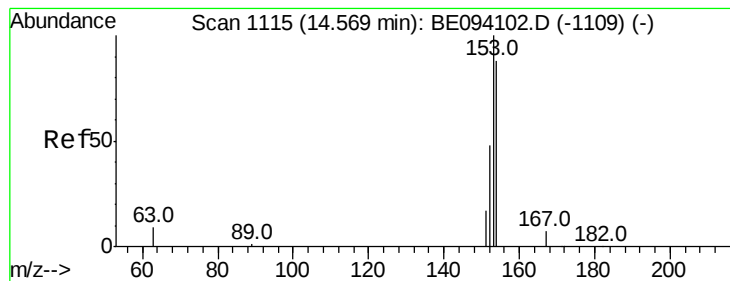
#16
Acenaphthylene
Concen: 0.084 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:152 Resp: 1991
Ion Ratio Lower Upper
152 100
151 27.1 15.7 23.5#
153 14.8 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





#17

Acenaphthene

Concen: 0.075 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

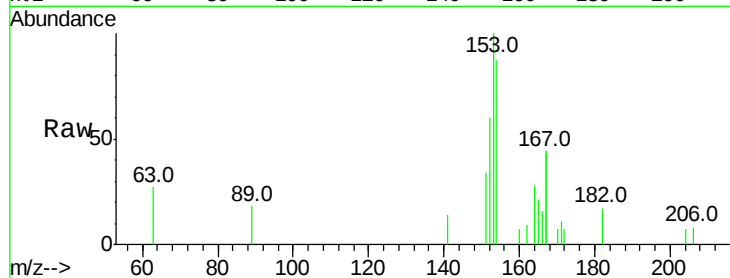
Tot Ion:154 Resp: 1185

Ion Ratio Lower Upper

154 100

153 123.5 89.2 133.8

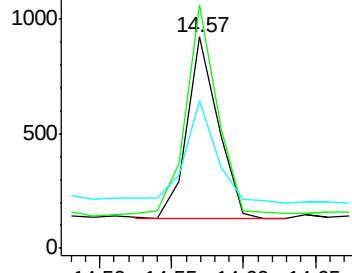
152 56.5 42.0 63.0



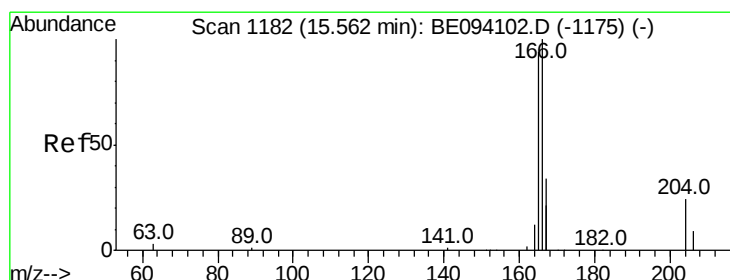
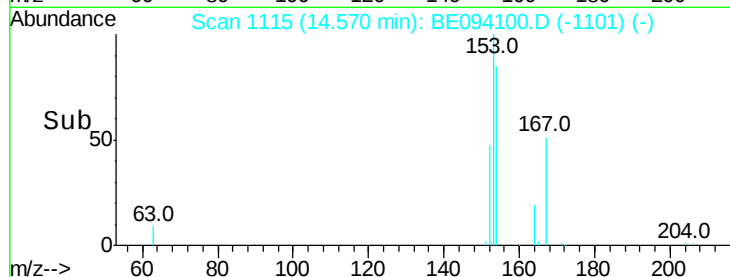
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.072 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

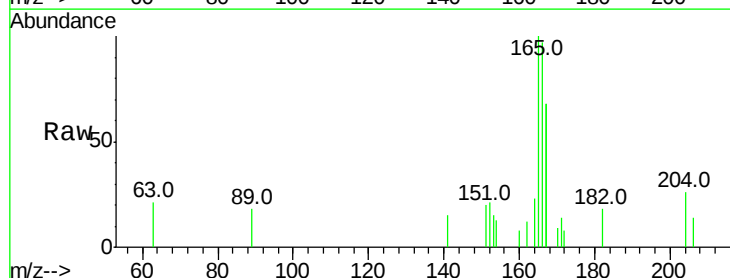
Tgt Ion:166 Resp: 1695

Ion Ratio Lower Upper

166 100

165 100.7 77.8 116.6

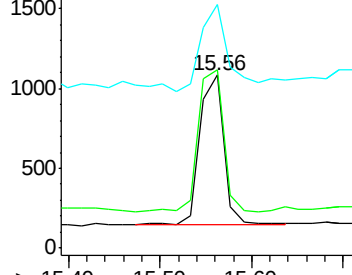
167 67.6 42.4 63.6#



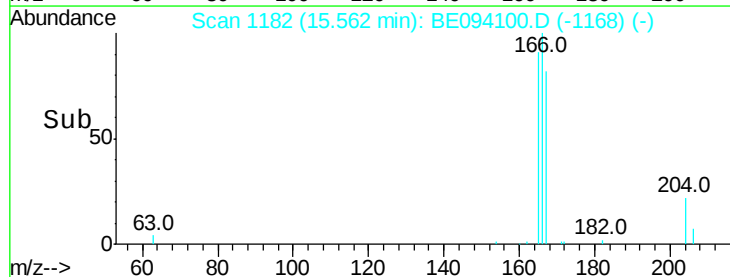
Abundance Ion 166.00 (165.70 to 166.70): E

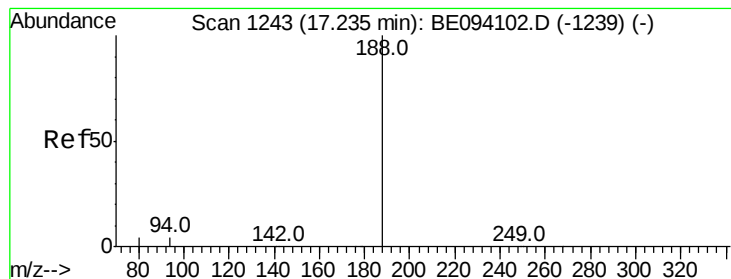
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

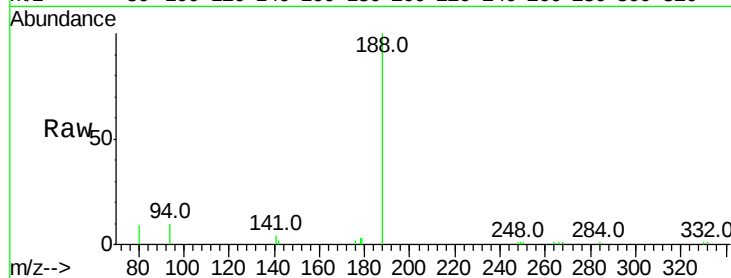
Tot Ion:188 Resp: 14655

Ion Ratio Lower Upper

188 100

94 9.5 3.9 5.9#

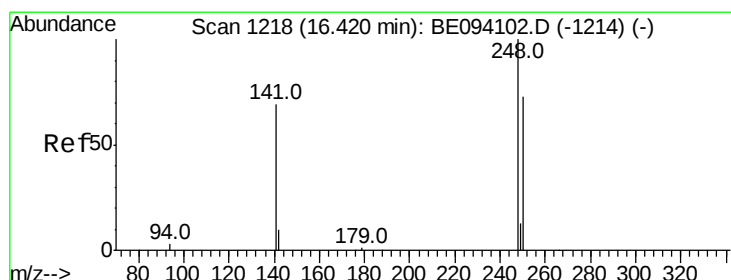
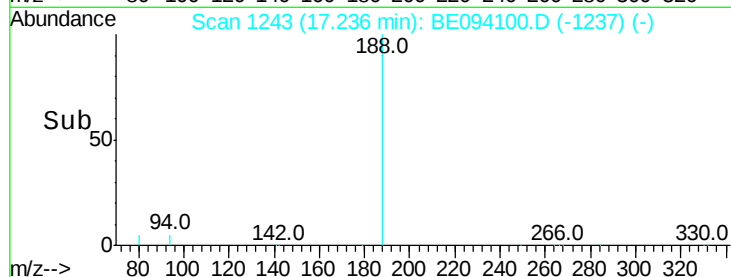
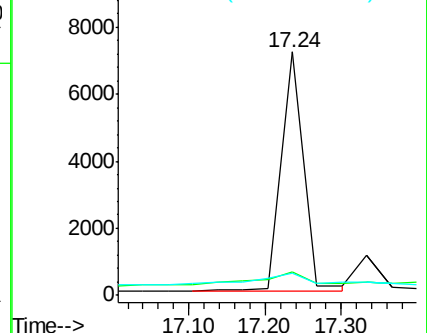
80 9.0 3.6 5.4#



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: 0.083 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

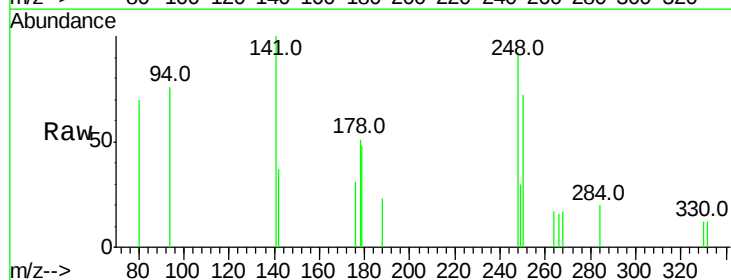
Tgt Ion:248 Resp: 649

Ion Ratio Lower Upper

248 100

250 78.4 62.7 94.1

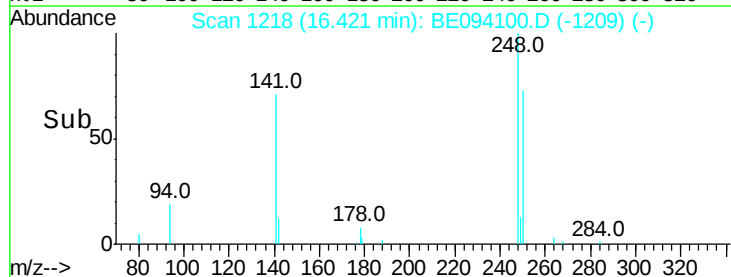
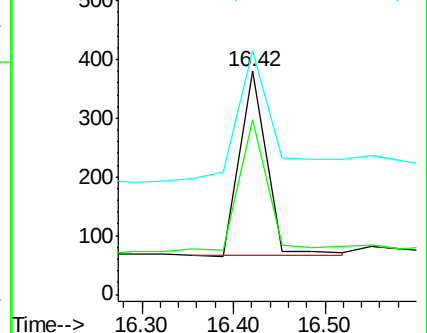
141 109.2 48.2 72.2#

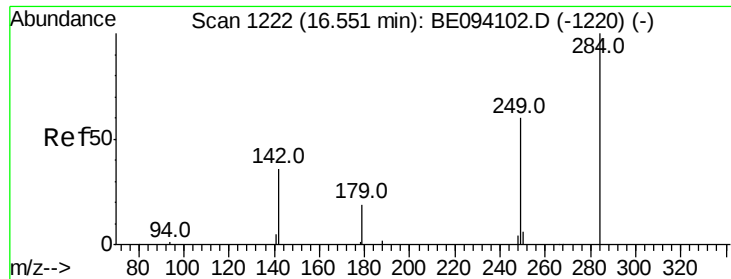


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.074 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

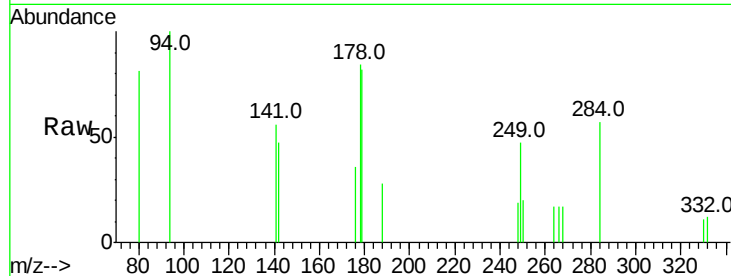
Tot Ion:284 Resp: 426

Ion Ratio Lower Upper

284 100

142 53.3 22.1 33.1#

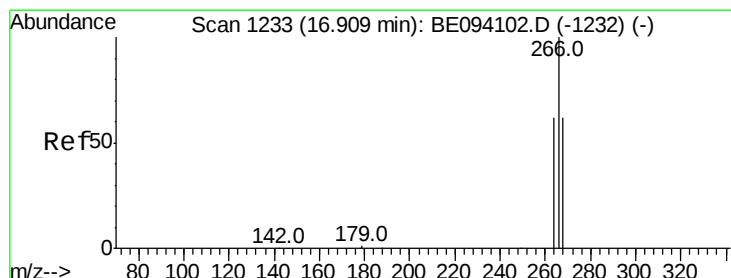
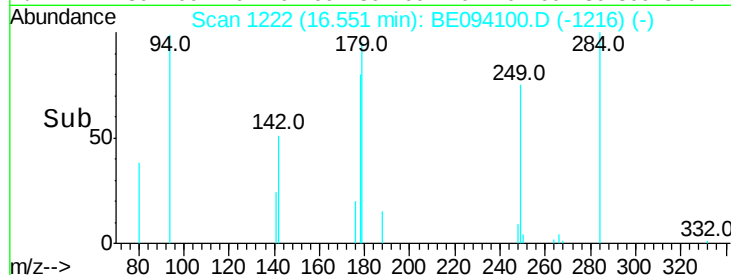
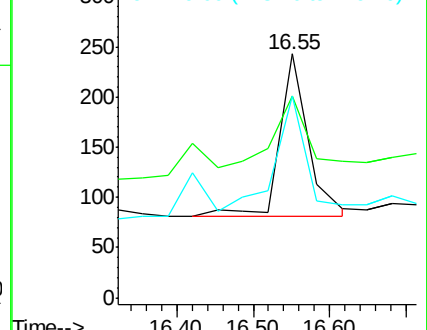
249 77.2 34.8 52.2#



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: 0.945 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

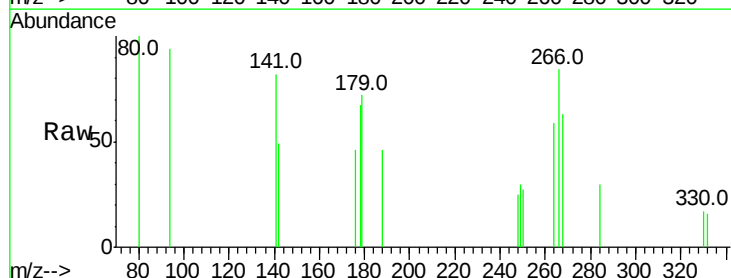
Tgt Ion:266 Resp: 387

Ion Ratio Lower Upper

266 100

264 70.8 72.5 108.7#

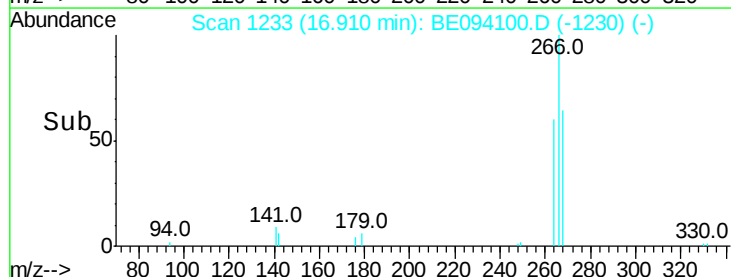
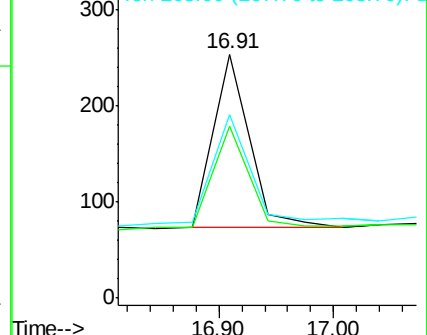
268 75.1 73.8 110.6

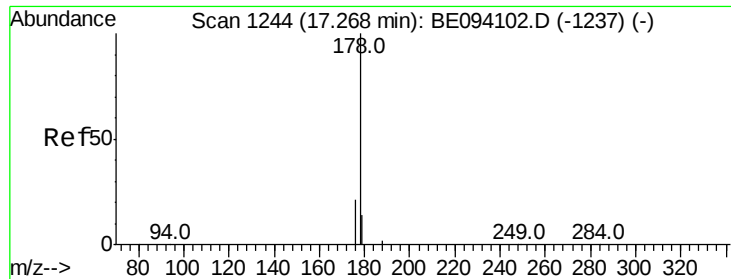


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.075 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.10 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

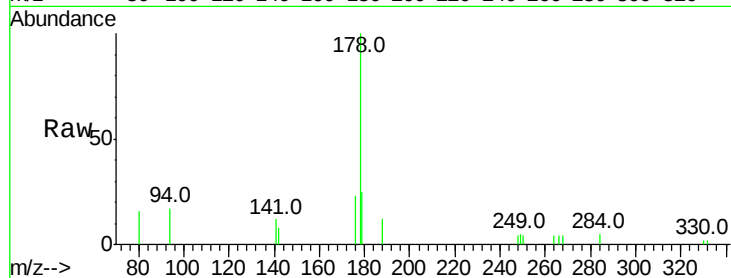
Tot Ion:178 Resp: 3962

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

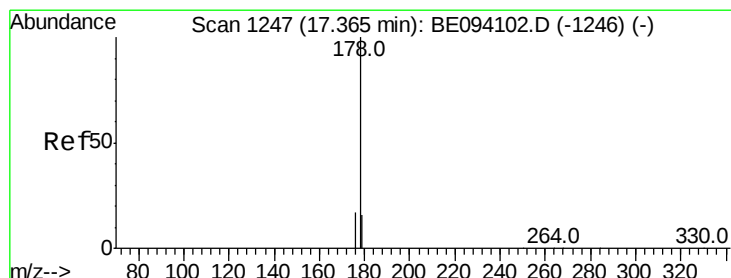
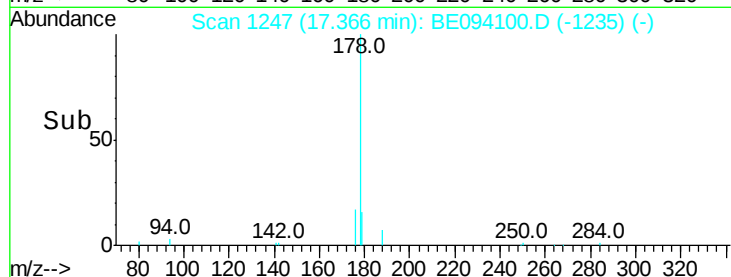
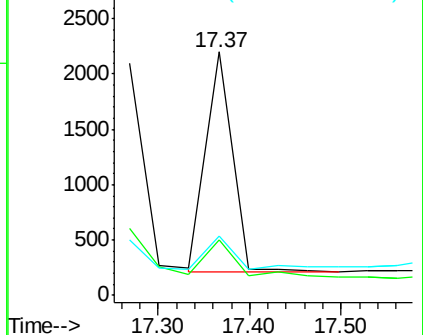
179 16.9 11.8 17.6



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



#24

Anthracene

Concen: 0.098 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

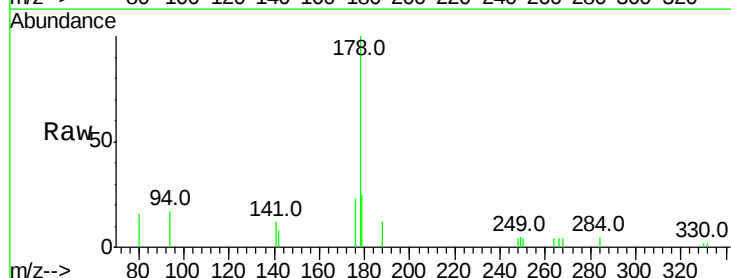
Tgt Ion:178 Resp: 3962

Ion Ratio Lower Upper

178 100

176 20.4 12.8 19.2#

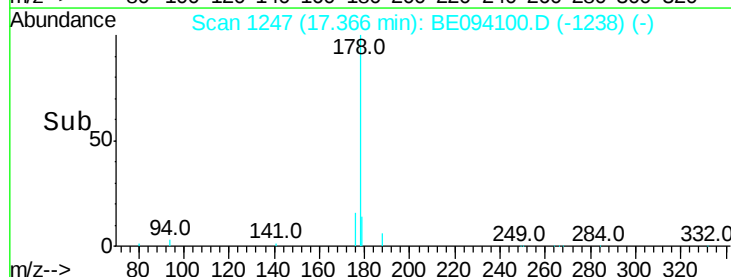
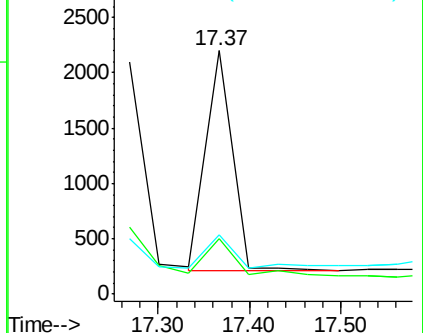
179 16.9 13.0 19.6



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: 0.084 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

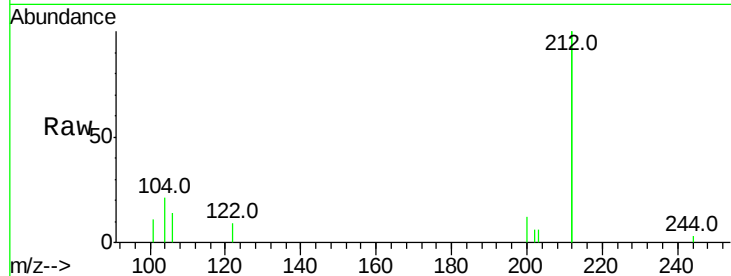
Tot Ion:212 Resp: 15798

Ion Ratio Lower Upper

212 100

106 4.9 2.8 4.2#

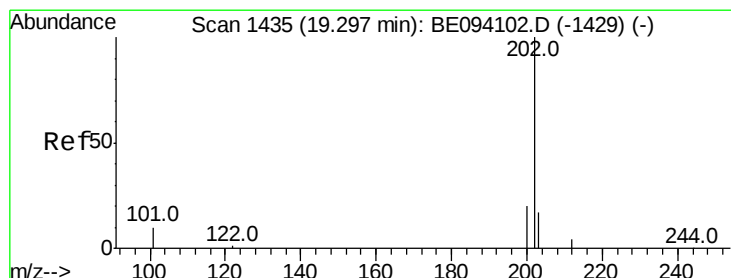
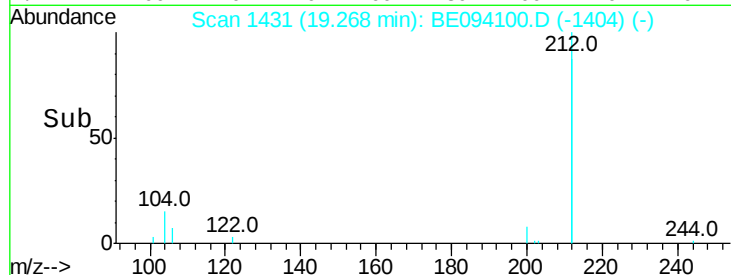
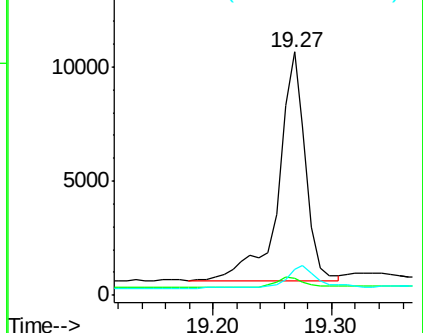
104 11.5 1.6 2.4#



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: 0.077 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

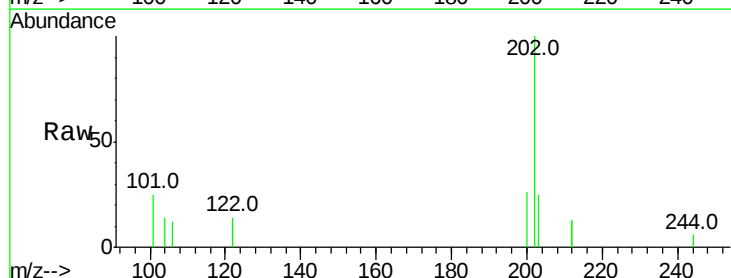
Tgt Ion:202 Resp: 4318

Ion Ratio Lower Upper

202 100

101 13.4 9.8 14.8

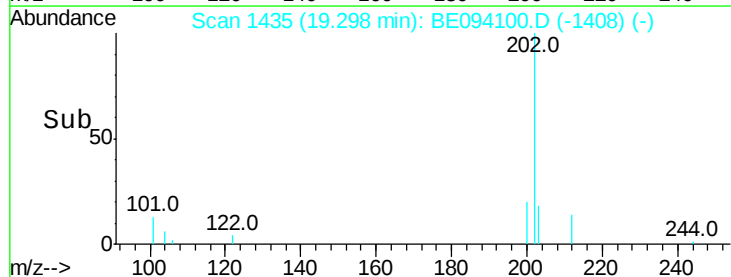
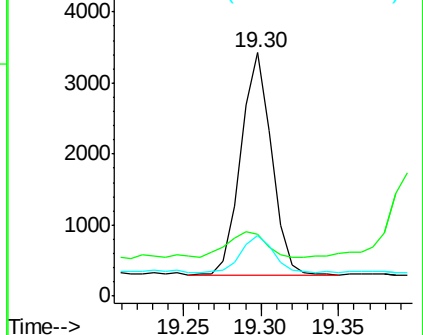
203 18.4 13.7 20.5



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: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

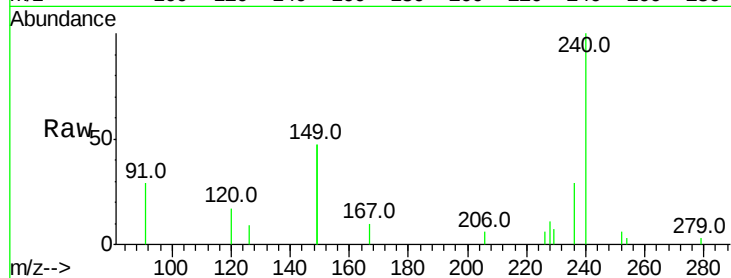
Tot Ion:240 Resp: 13212

Ion Ratio Lower Upper

240 100

120 17.5 5.5 8.3#

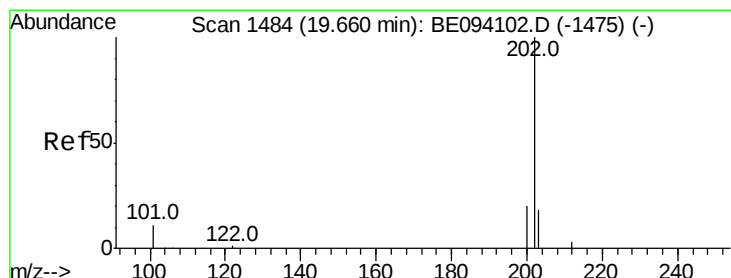
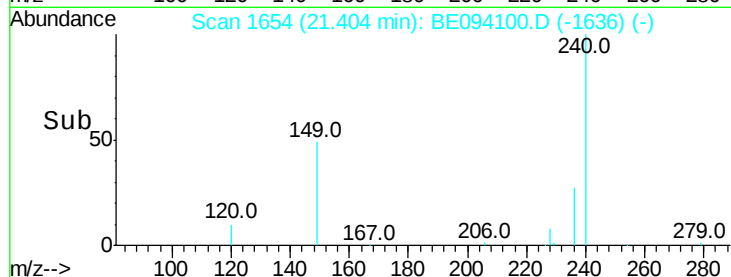
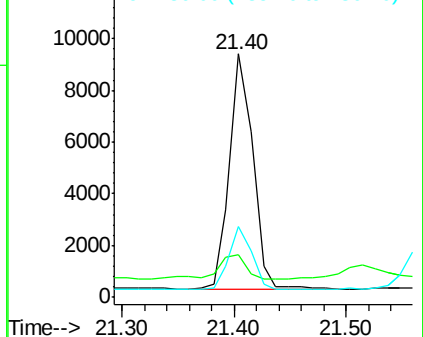
236 29.1 20.7 31.1



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

Pyrene

Concen: 0.128 ng

RT: 19.66 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

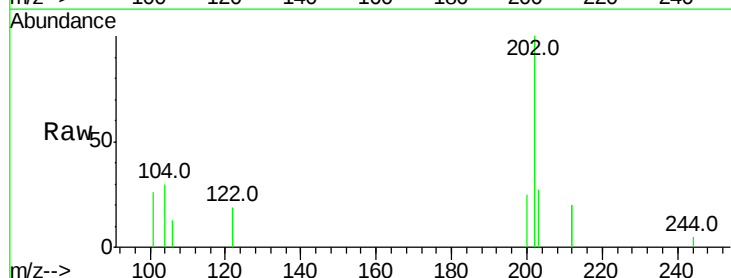
Tgt Ion:202 Resp: 4686

Ion Ratio Lower Upper

202 100

200 22.8 16.6 25.0

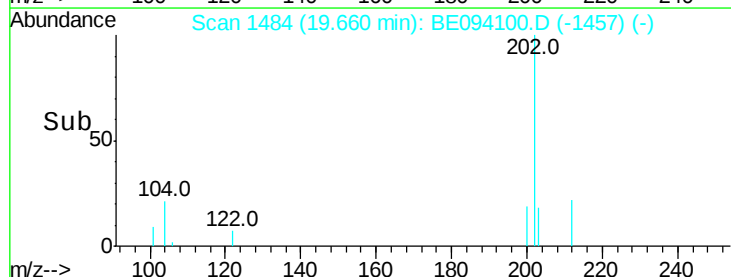
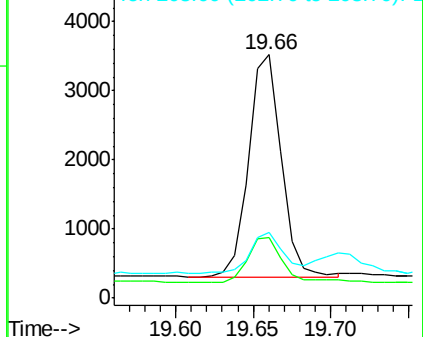
203 19.2 13.8 20.8

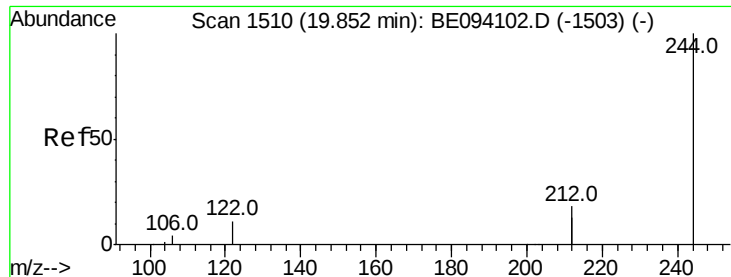


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.140 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

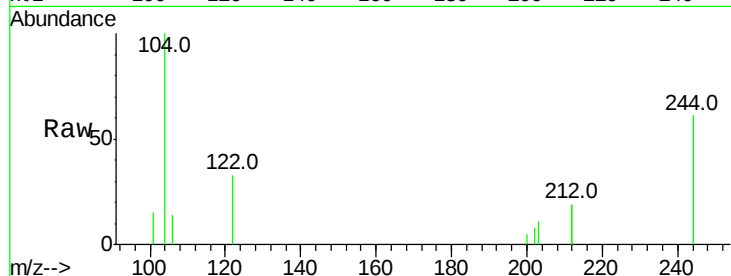
Tot Ion:244 Resp: 2890

Ion Ratio Lower Upper

244 100

212 63.4 25.4 38.0#

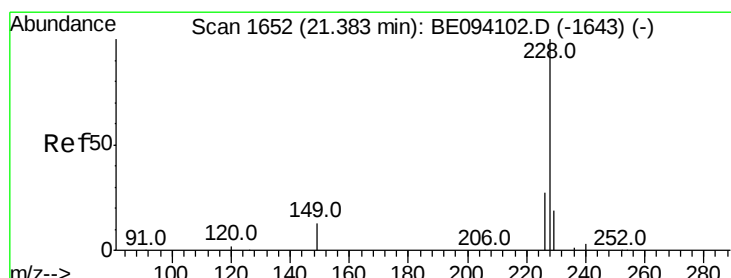
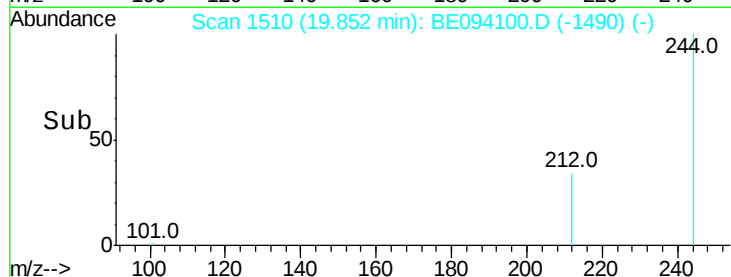
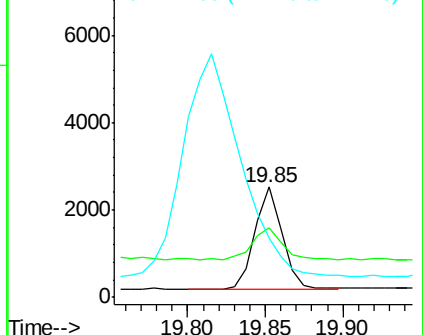
122 54.2 8.1 12.1#



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: 0.105 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

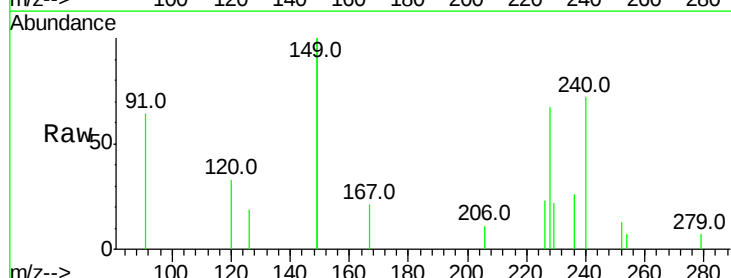
Tgt Ion:228 Resp: 4639

Ion Ratio Lower Upper

228 100

226 33.7 21.4 32.0#

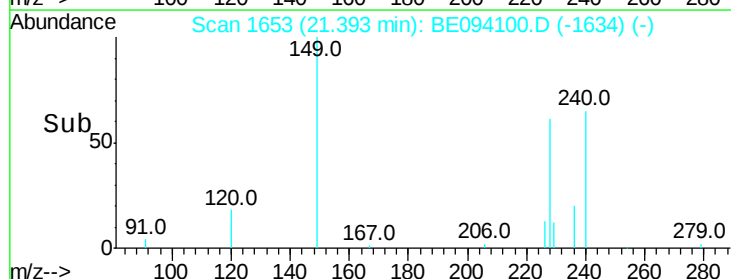
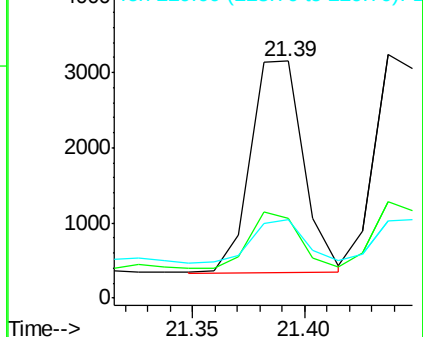
229 33.4 16.4 24.6#



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: 0.103 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

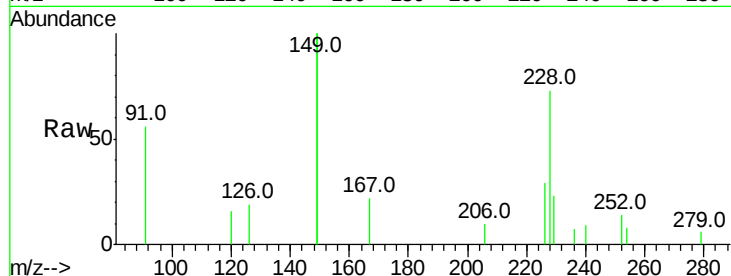
Tot Ion:228 Resp: 4473

Ion Ratio Lower Upper

228 100

226 39.4 23.6 35.4#

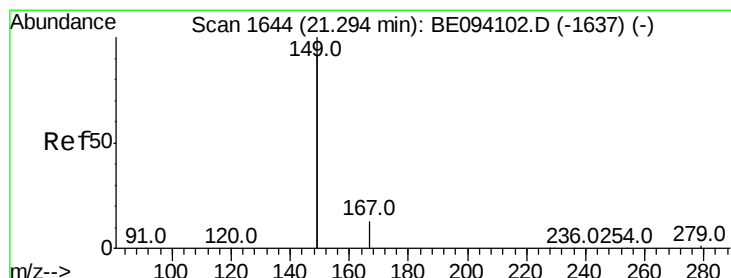
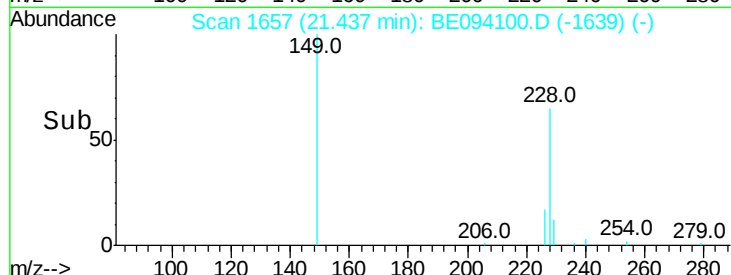
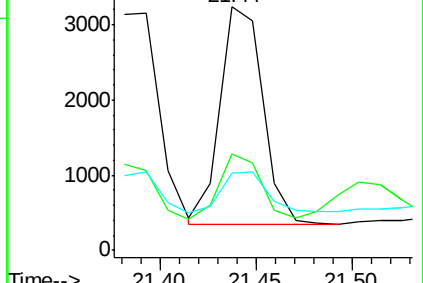
229 31.7 16.4 24.6#



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: 0.508 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

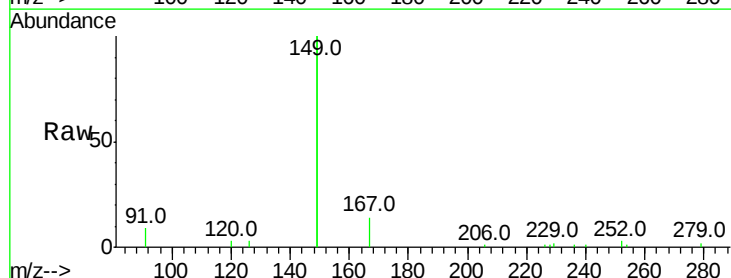
Tgt Ion:149 Resp: 60385

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

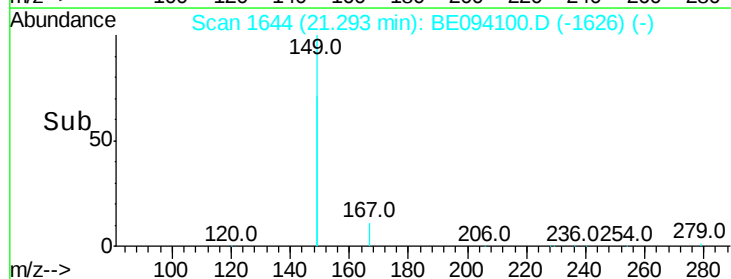
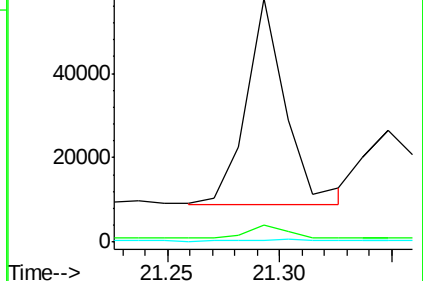
279 0.9 0.7 1.1



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

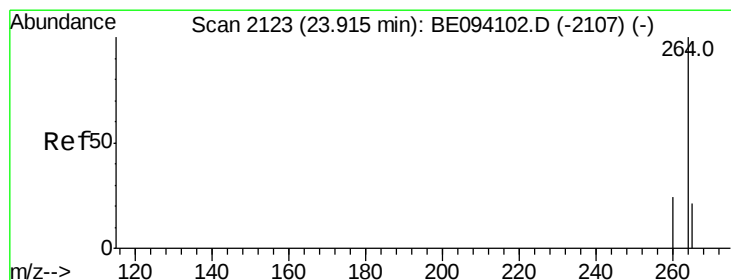
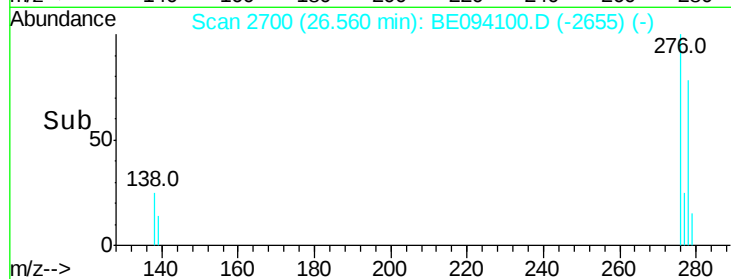
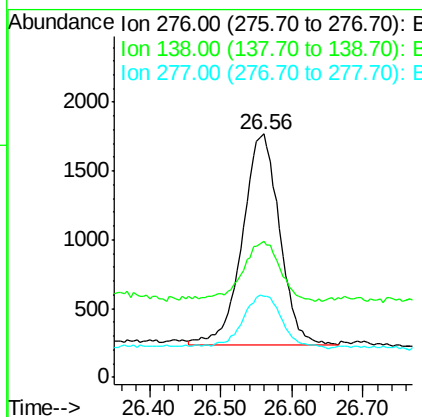
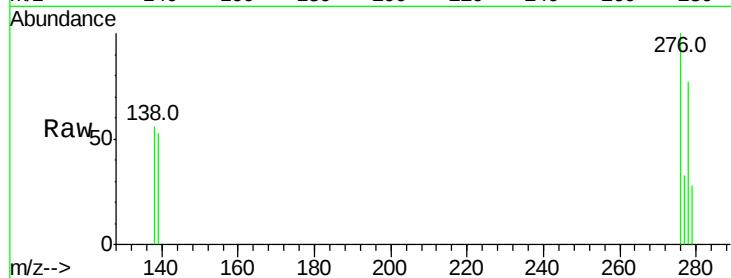




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.164 ng
 RT: 26.56 min Scan# 2700
 Delta R.T. 0.01 min
 Lab File: BE094100.D
 Acq: 25 Sep 2017 13:38

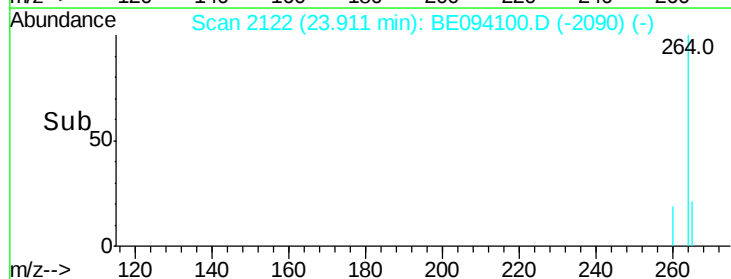
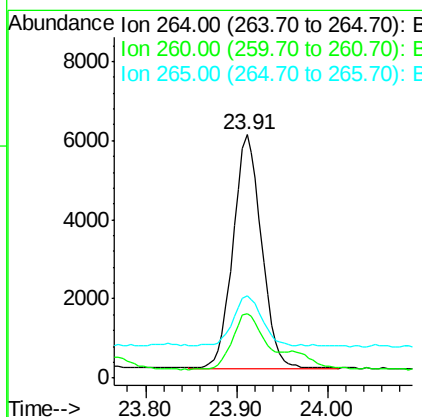
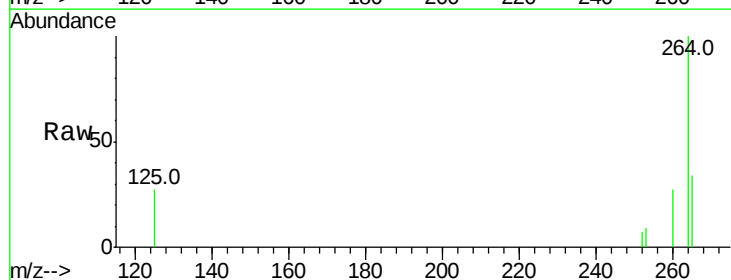
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 5513
 Ion Ratio Lower Upper
 276 100
 138 29.1 22.5 33.7
 277 27.6 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE094100.D
 Acq: 25 Sep 2017 13:38

Tgt Ion:264 Resp: 12734
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.5 30.7
 265 33.7 22.8 34.2

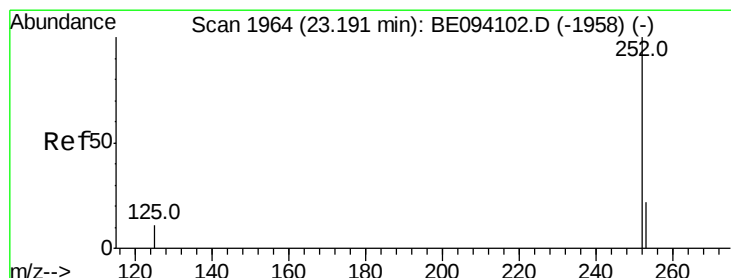
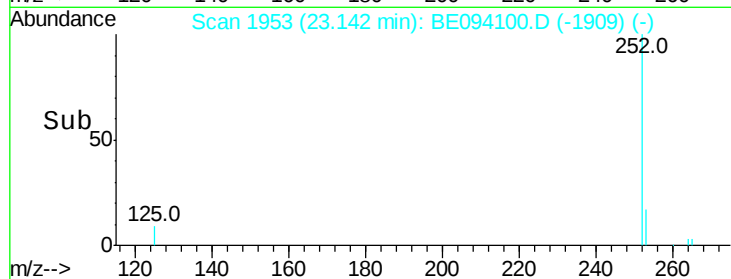
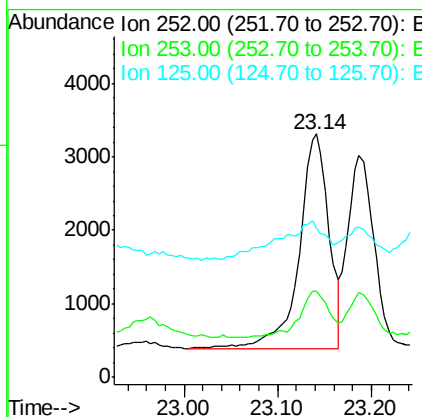
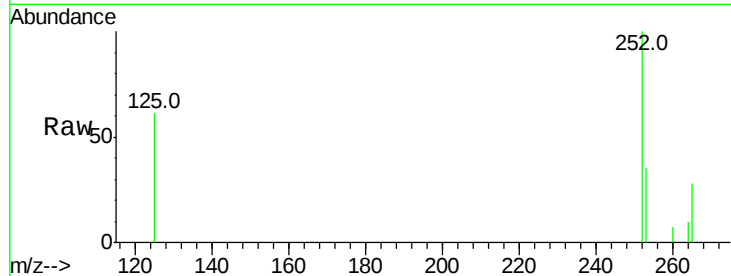




#35
Benzo(b)fluoranthene
Concen: 0.139 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

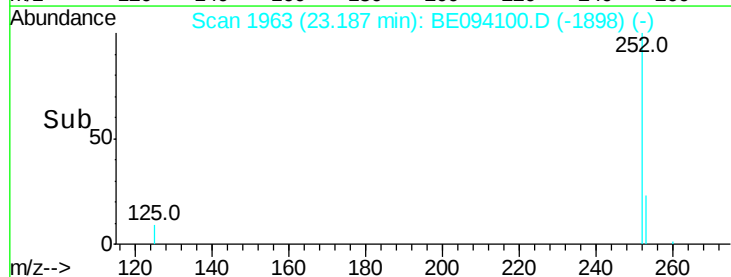
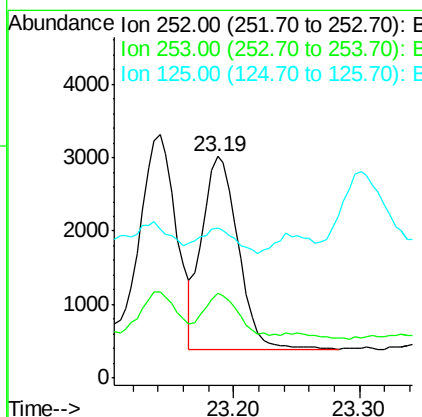
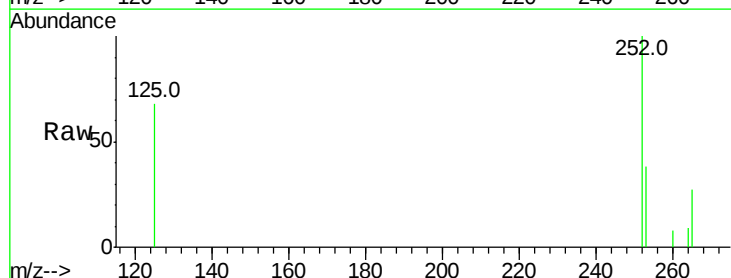
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 6414
Ion Ratio Lower Upper
252 100
253 35.2 18.2 27.2#
125 61.1 10.1 15.1#



#36
Benzo(k)fluoranthene
Concen: 0.112 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:252 Resp: 5180
Ion Ratio Lower Upper
252 100
253 38.3 18.6 27.8#
125 67.7 10.7 16.1#





#37

Benzo(a)pyrene

Concen: 0.115 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :

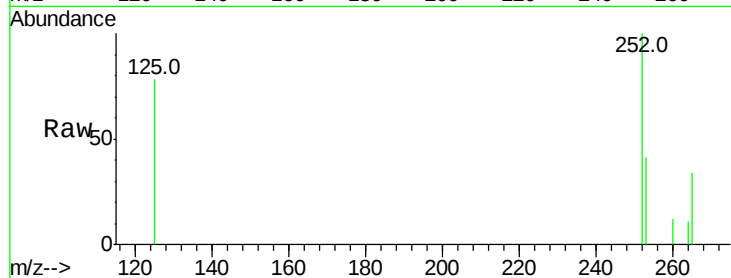
Tot Ion:252 Resp: 4757

Ion Ratio Lower Upper

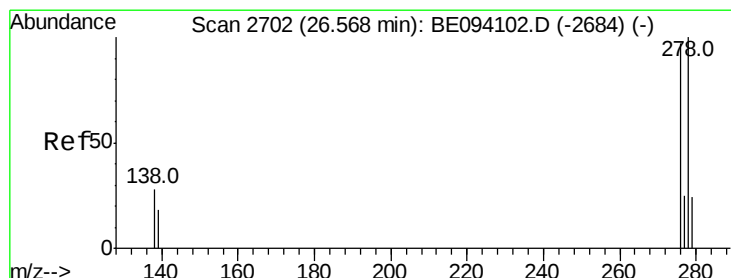
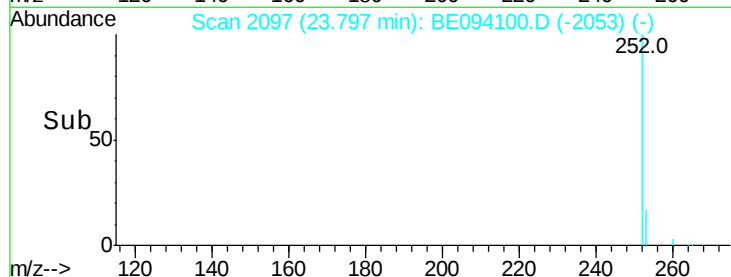
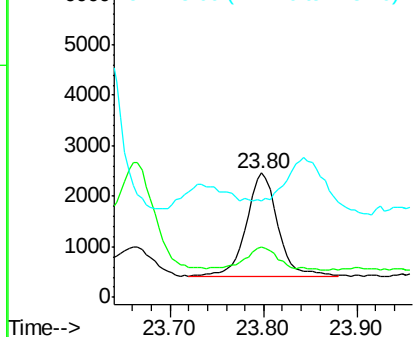
252 100

253 41.1 19.0 28.6#

125 78.1 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: 0.139 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.01 min

Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

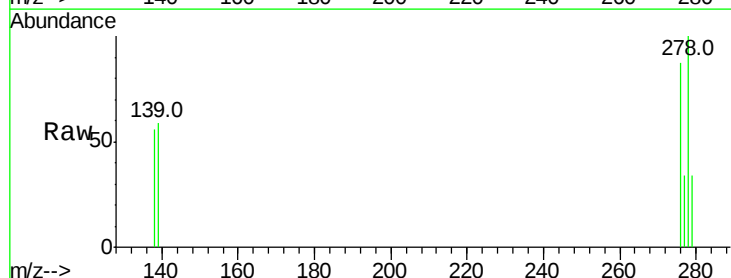
Tgt Ion:278 Resp: 4607

Ion Ratio Lower Upper

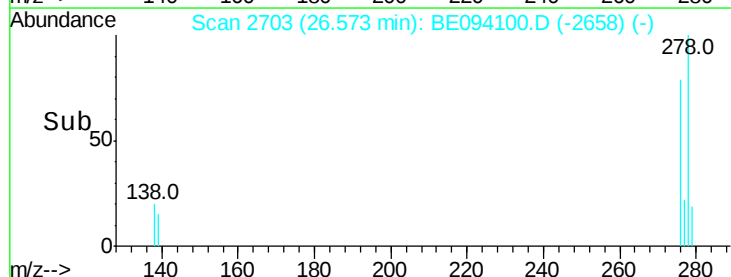
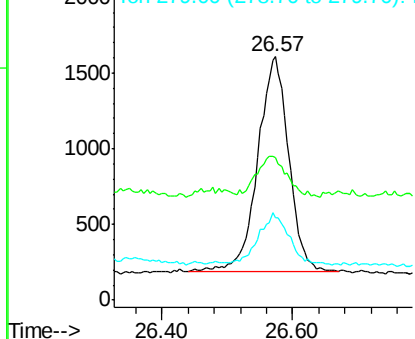
278 100

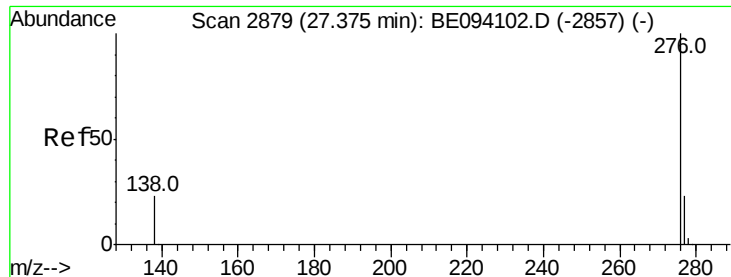
139 58.7 16.3 24.5#

279 33.6 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.134 ng

RT: 27.37 min Scan# 2878

Delta R.T. -0.00 min

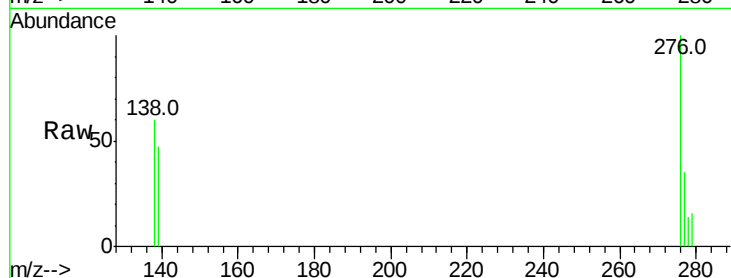
Lab File: BE094100.D

Acq: 25 Sep 2017 13:38

Instrument :

BNA_E

ClientSampleId :



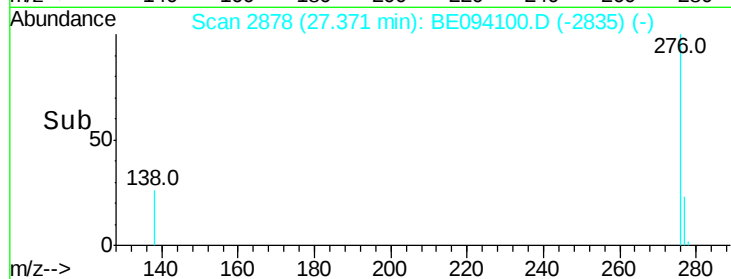
Tot Ion: 276 Resp: 4425

Ion Ratio Lower Upper

276 100

277 34.6 20.8 31.2#

138 59.9 21.5 32.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

