

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094111.D
 Acq On : 25 Sep 2017 20:32
 Operator : SJ/JU
 Sample : I5340-12RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 01:36:58 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	7.91	152	1510	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7573	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4998	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18428	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15819	0.40	ng	0.00
34) Perylene-d12	23.91	264	15036	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	2486	0.43	ng	0.00
5) Phenol-d6	7.09	99	3190	0.40	ng	0.00
8) Nitrobenzene-d5	9.06	82	2895	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4309	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1009	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5920	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	61536	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	9743	0.34	ng	0.00

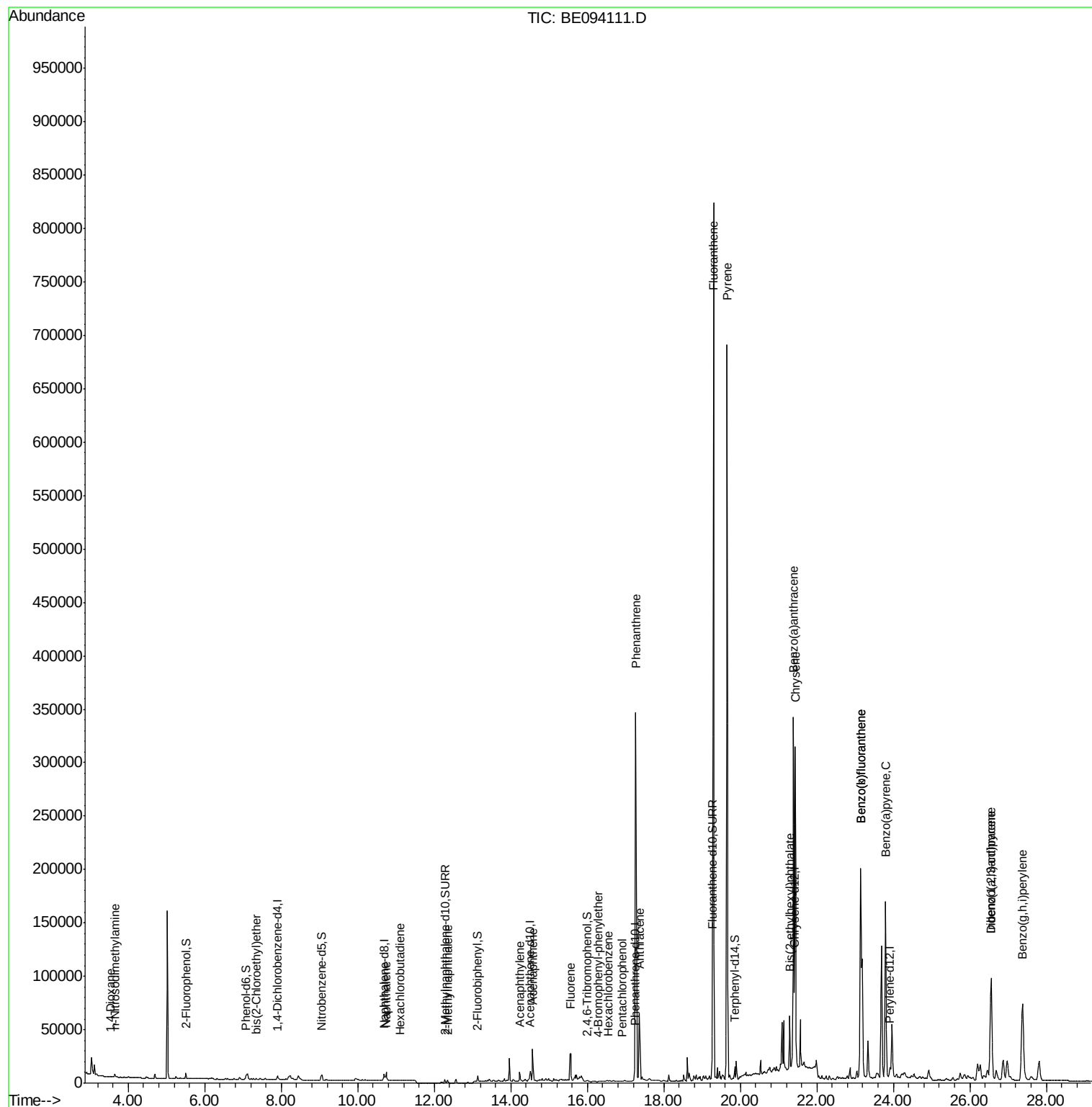
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	15	0.005	ng	# 16
3) n-Nitrosodimethylamine	3.65	42	1002	0.266	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	119	0.019	ng	# 1
9) Naphthalene	10.74	128	12287	0.144	ng	99
10) Hexachlorobutadiene	11.09	225	5	0.002	ng	# 51
12) 2-Methylnaphthalene	12.35	142	1956	0.141	ng	98
16) Acenaphthylene	14.23	152	11698	0.467	ng	100
17) Acenaphthene	14.57	154	14631	0.935	ng	96
18) Fluorene	15.56	166	18358	0.864	ng	95
20) 4-Bromophenyl-phenylether	16.29	248	10	0.001	ng	# 1
21) Hexachlorobenzene	16.55	284	8	0.002	ng	# 38
22) Pentachlorophenol	16.91	266	80	0.018	ng	96
23) Phenanthrene	17.27	178	509766	10.812	ng	98
24) Anthracene	17.37	178	97888	1.979	ng	# 93
26) Fluoranthene	19.30	202	749516	14.187	ng	99
28) Pyrene	19.66	202	666907	13.305	ng	# 94
30) Benzo(a)anthracene	21.38	228	314364	5.901	ng	98
31) Chrysene	21.44	228	309095	6.013	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	57369	0.184	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	178483	3.244	ng	95
35) Benzo(b)fluoranthene	23.14	252	360430	6.644	ng	99
36) Benzo(k)fluoranthene	23.14	252	360430	6.939	ng	99
37) Benzo(a)pyrene	23.80	252	266593	5.438	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	42514	0.916	ng	95
39) Benzo(g,h,i)perylene	27.38	276	178206	3.878	ng	96

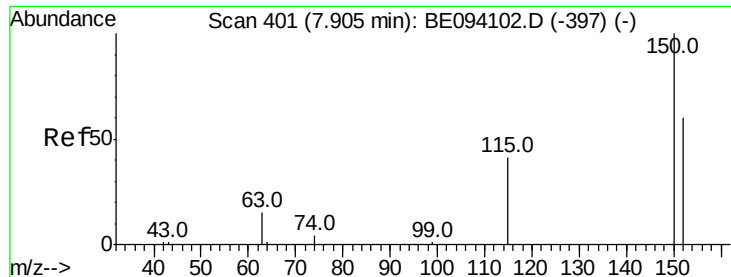
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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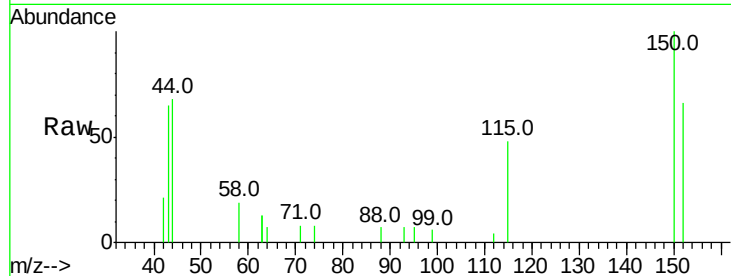


#1

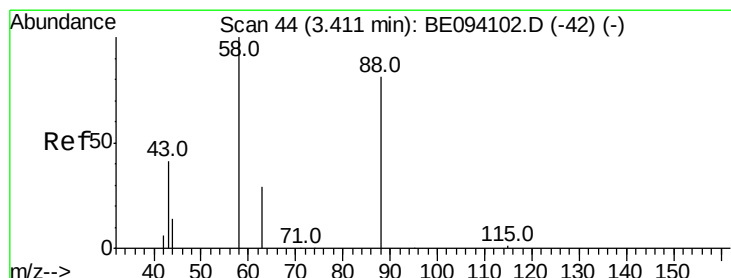
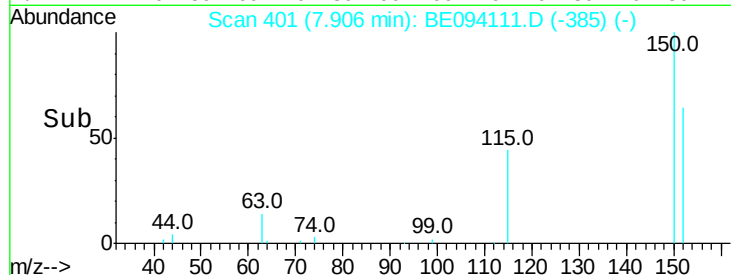
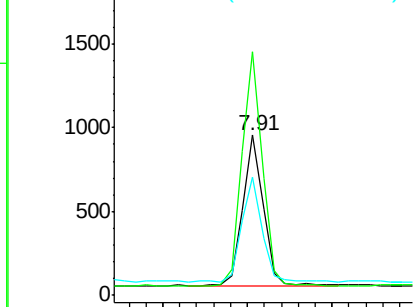
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1510
Ion Ratio Lower Upper
152 100
150 151.9 117.2 175.8
115 73.6 57.0 85.6



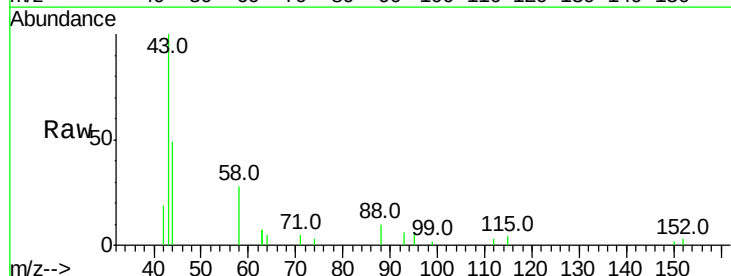
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



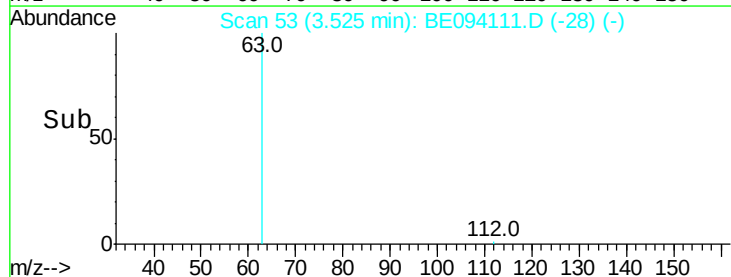
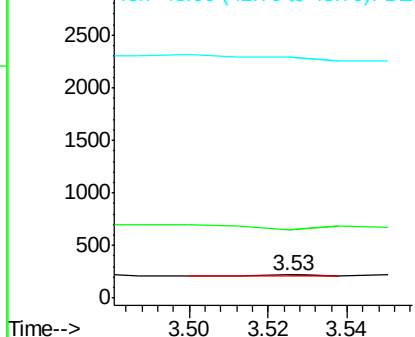
#2

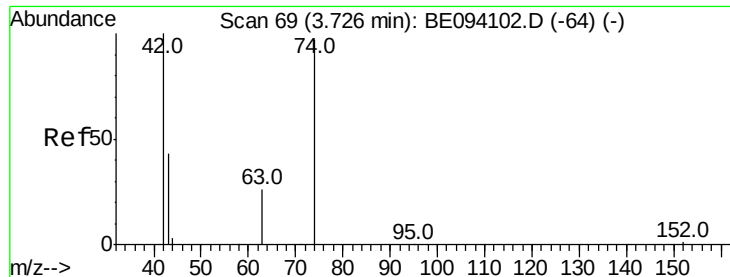
1,4-Dioxane
Concen: 0.005 ng
RT: 3.53 min Scan# 53
Delta R.T. 0.11 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 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: 0.266 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.07 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

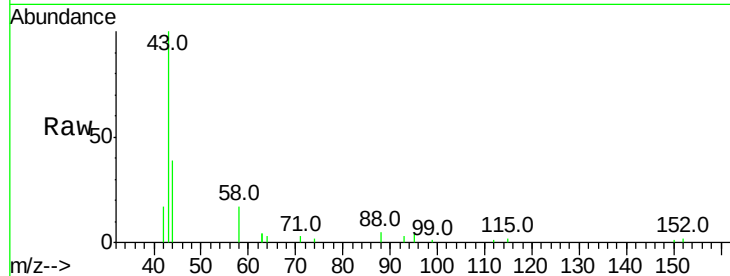
Tot Ion: 42 Resp: 1002

Ion Ratio Lower Upper

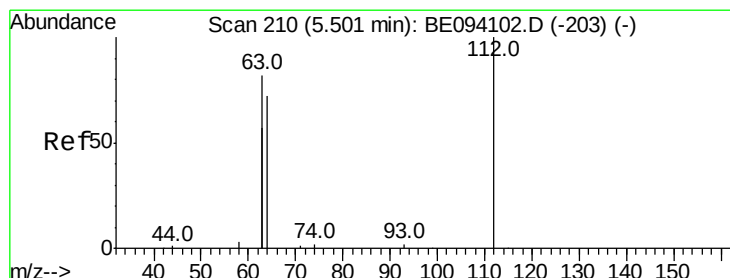
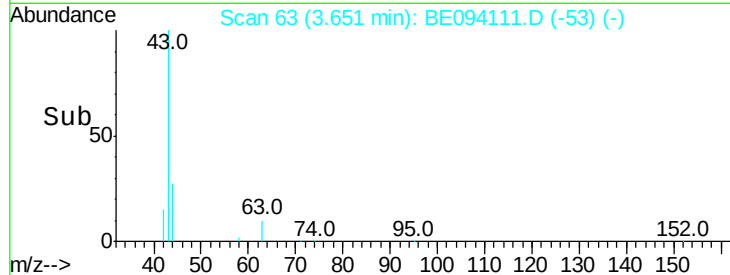
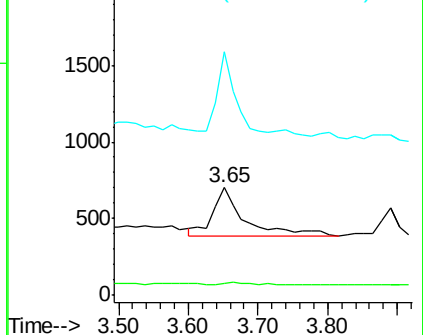
42 100

74 2.2 100.3 150.5#

44 87.2 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: 0.434 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

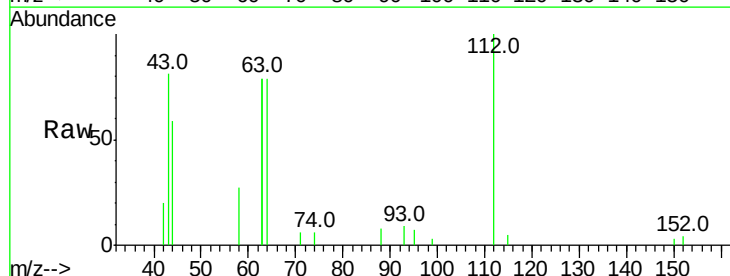
Tgt Ion: 112 Resp: 2486

Ion Ratio Lower Upper

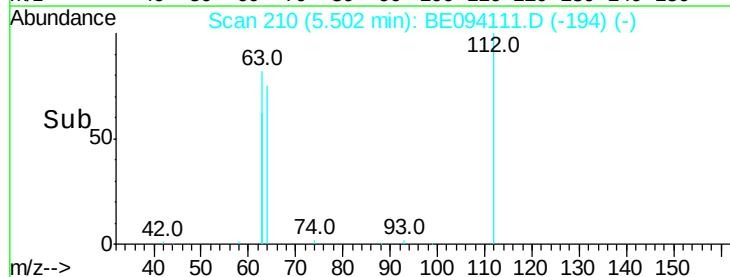
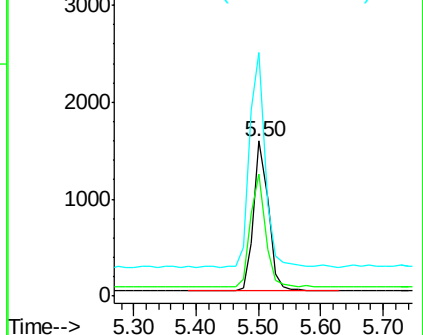
112 100

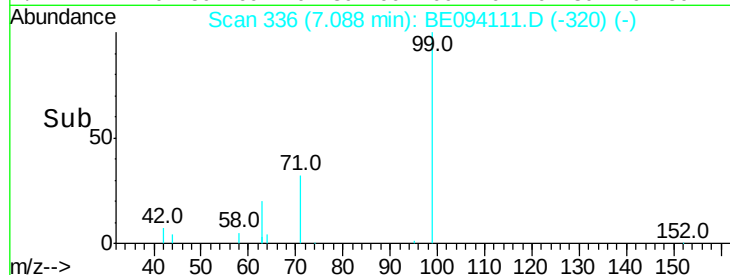
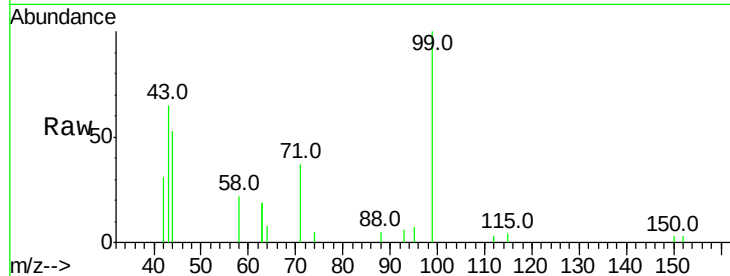
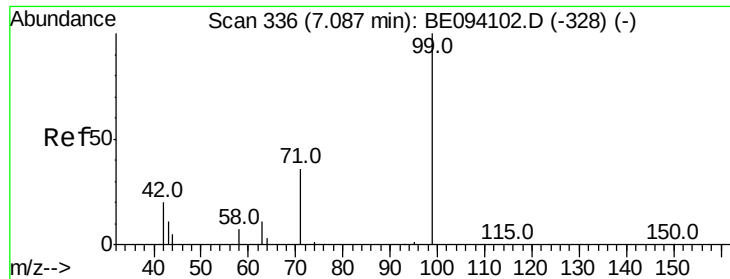
64 78.6 60.1 90.1

63 149.9 116.8 175.2



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: 0.401 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

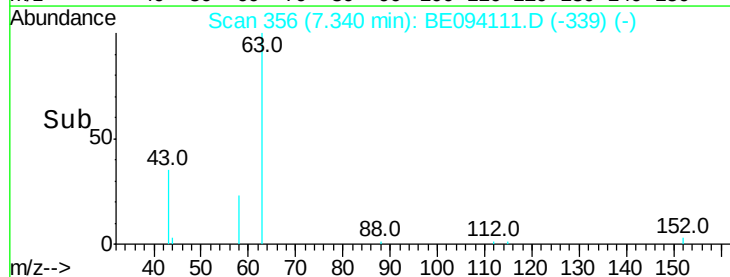
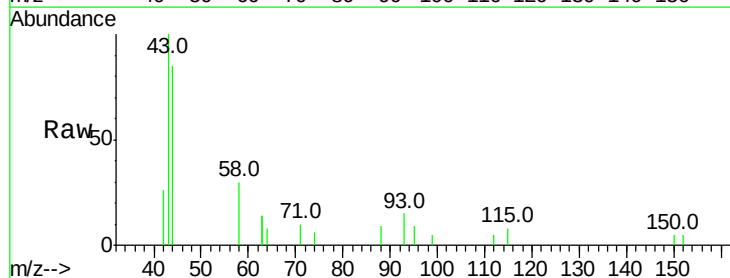
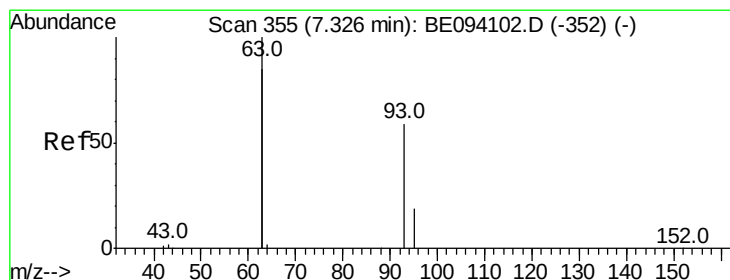
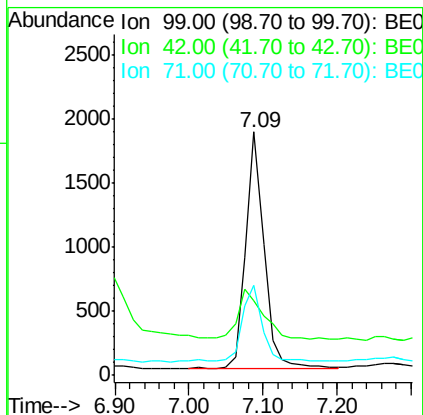
Tot Ion: 99 Resp: 3190

Ion Ratio Lower Upper

99 100

42 28.3 20.2 30.2

71 33.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.019 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

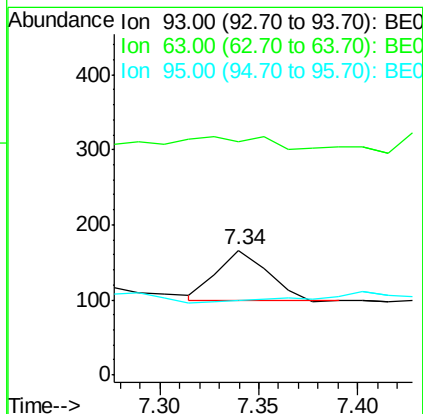
Tgt Ion: 93 Resp: 119

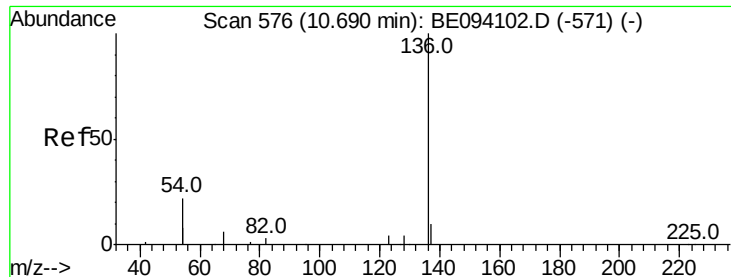
Ion Ratio Lower Upper

93 100

63 31.9 275.3 412.9#

95 0.0 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: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7573

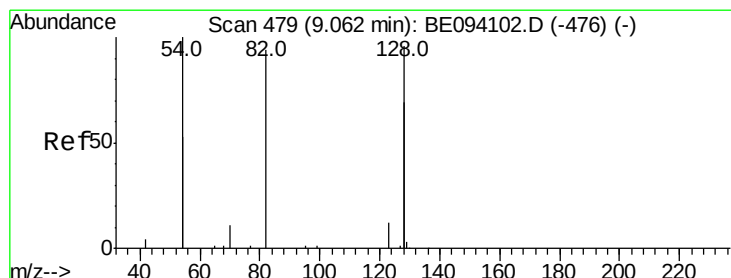
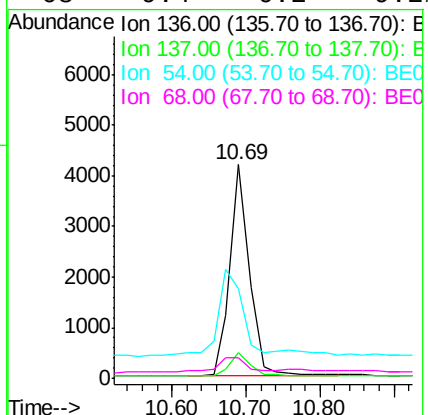
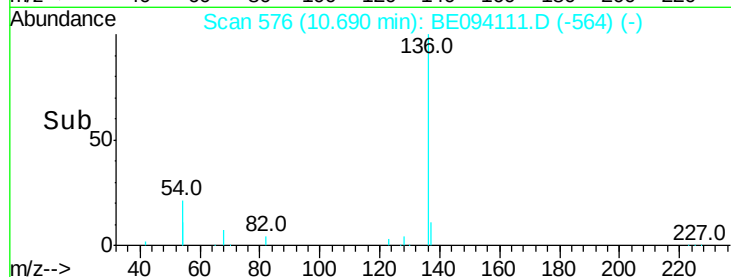
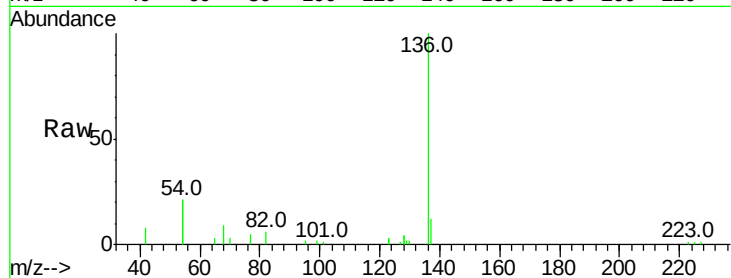
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 42.2 29.1 43.7

68 9.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

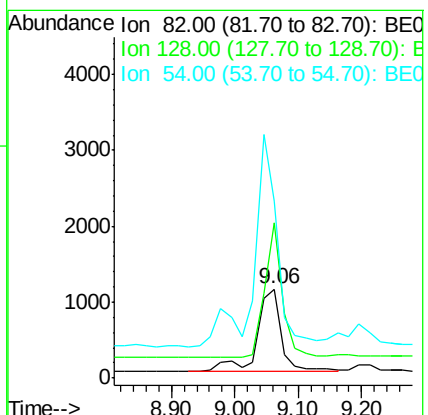
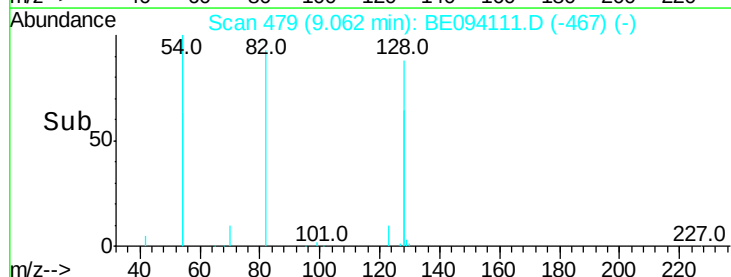
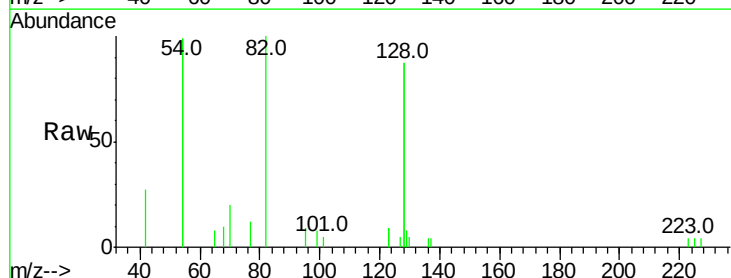
Tgt Ion: 82 Resp: 2895

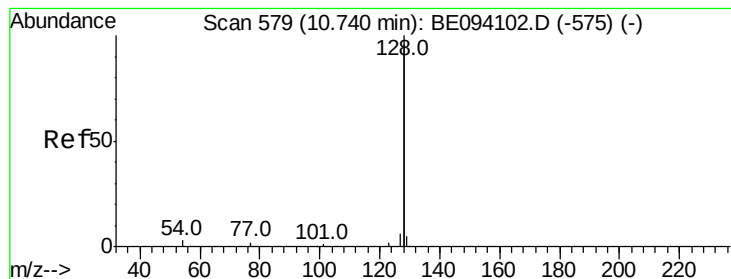
Ion Ratio Lower Upper

82 100

128 174.1 150.0 225.0

54 198.6 154.2 231.4





#9

Naphthalene

Concen: 0.144 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

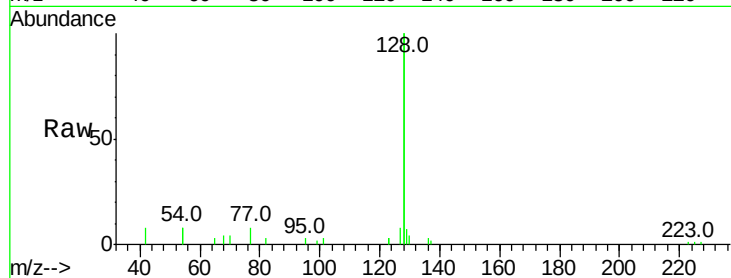
Tot Ion:128 Resp: 12287

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

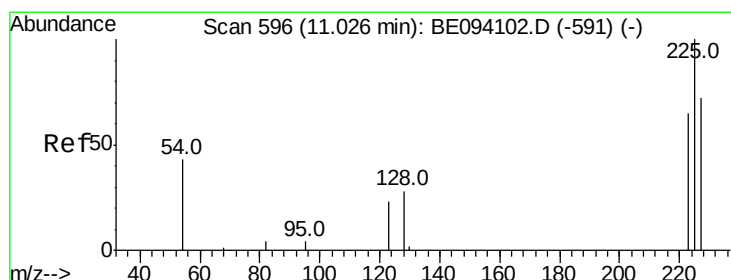
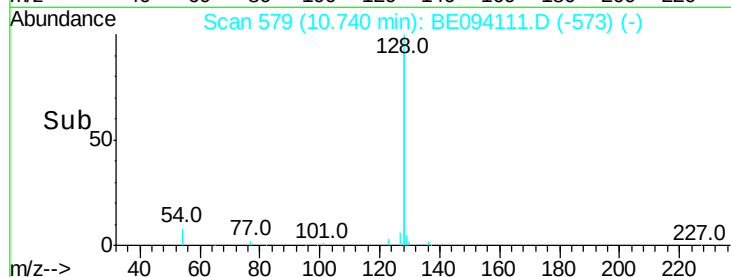
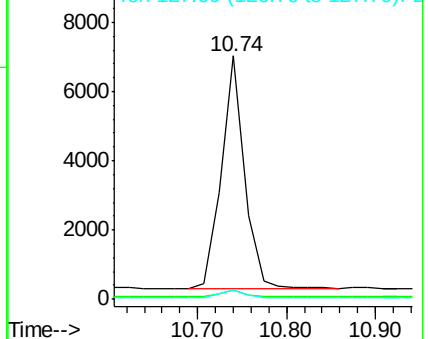
127 3.9 2.8 4.2



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: 0.002 ng

RT: 11.09 min Scan# 600

Delta R.T. 0.07 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

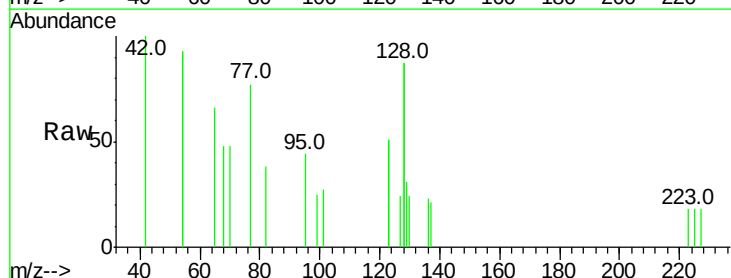
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 100.0 53.0 79.6#

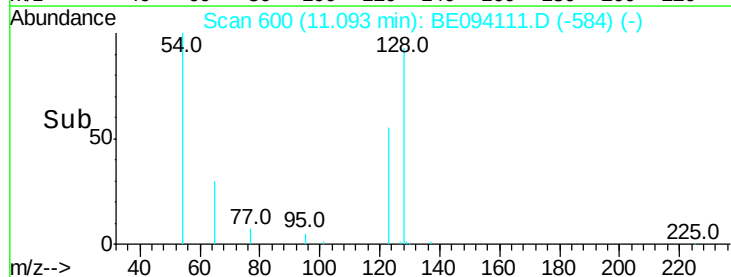
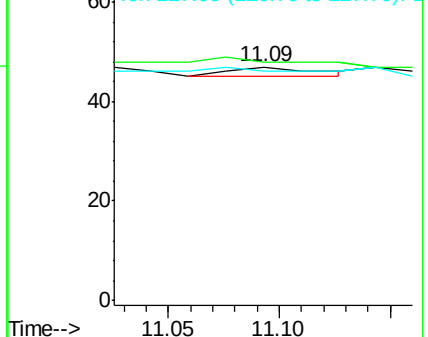
227 20.0 51.4 77.2#

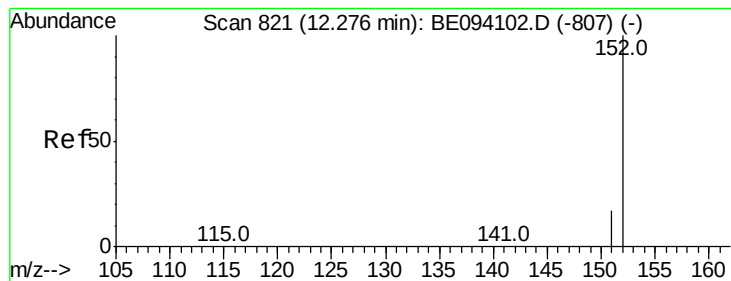


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

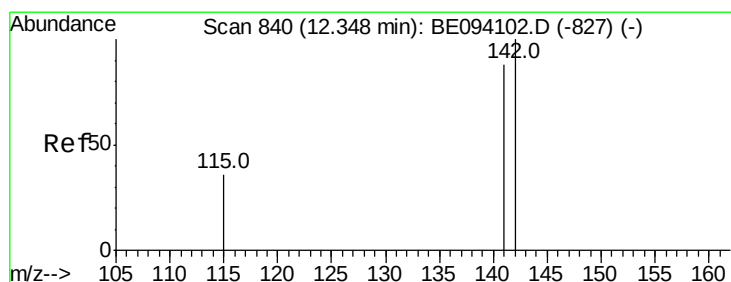
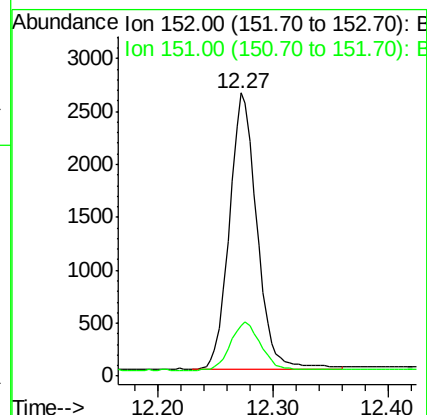
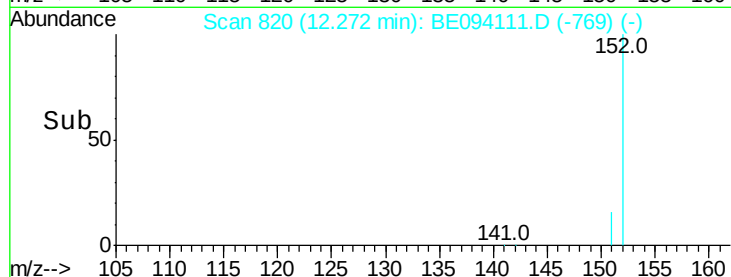
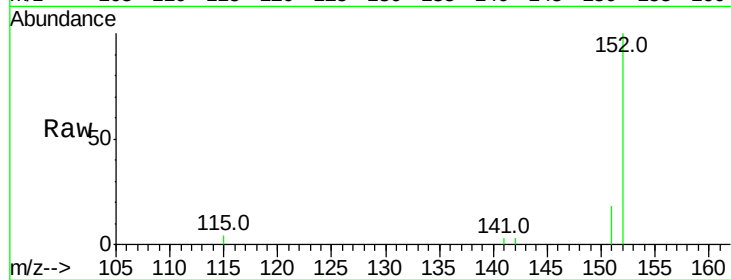
ClientSampleId :

Tot Ion:152 Resp: 4309

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.141 ng

RT: 12.35 min Scan# 840

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

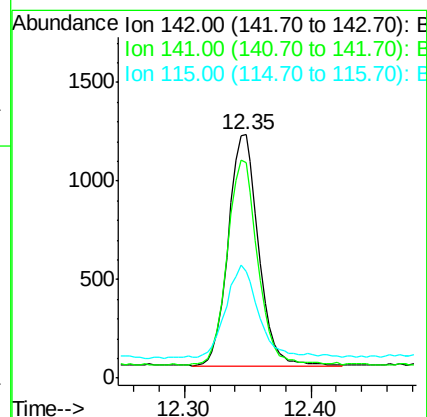
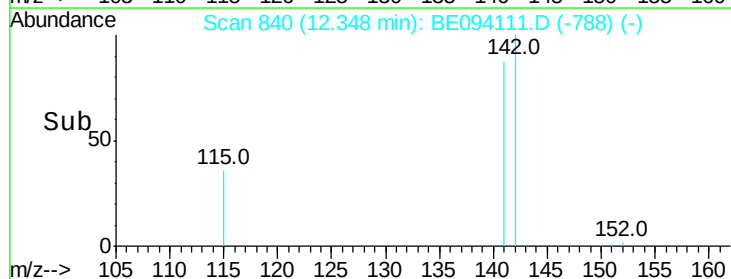
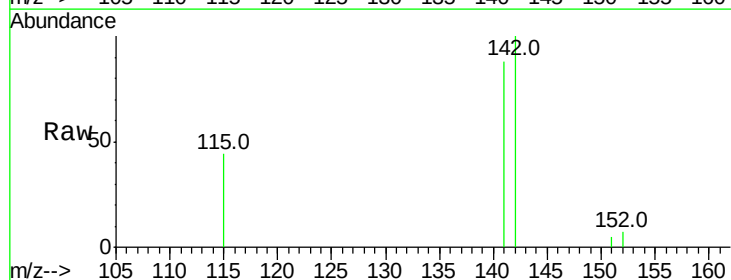
Tgt Ion:142 Resp: 1956

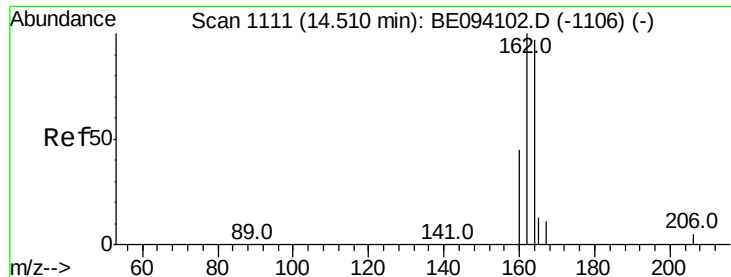
Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 43.9 31.7 47.5

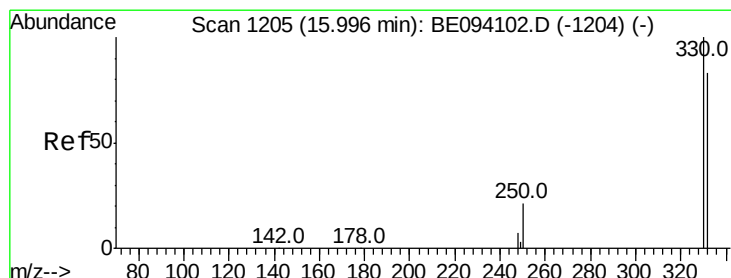
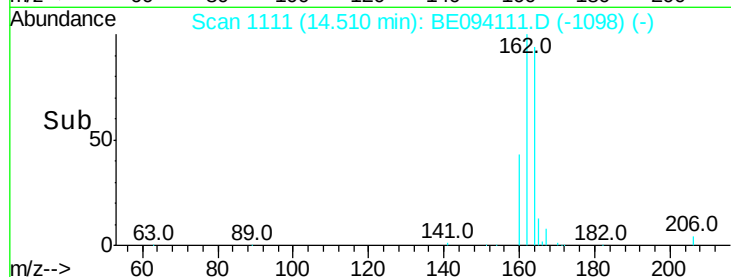
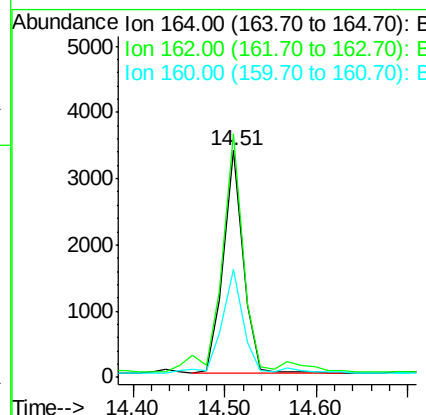
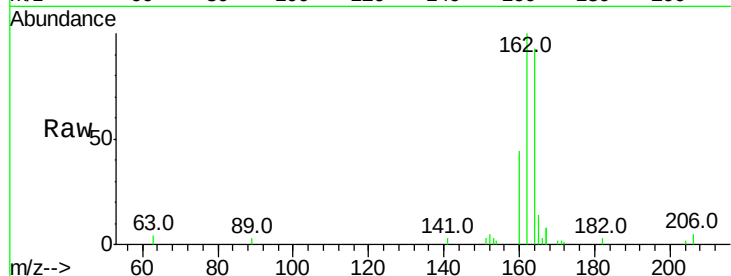




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE094111.D
 Acq: 25 Sep 2017 20:32

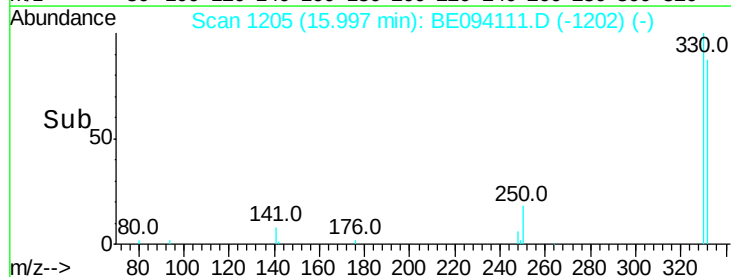
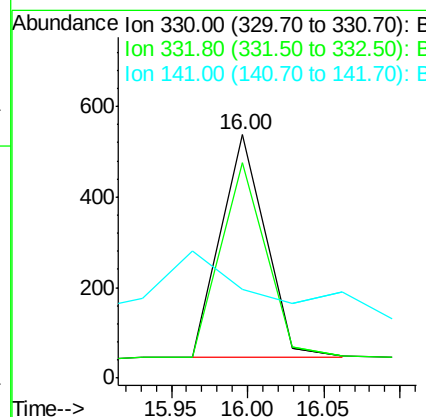
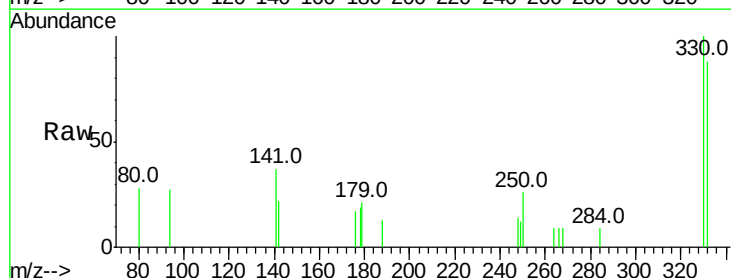
Instrument :
 BNA_E
 ClientSampleId :

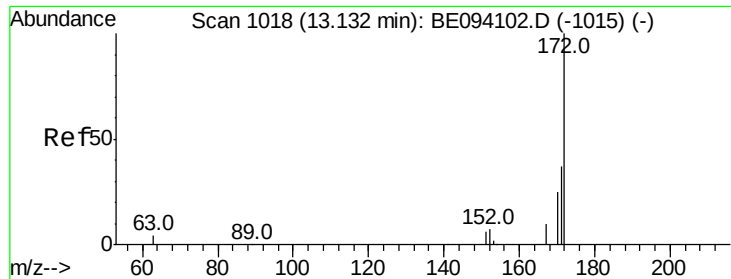
Tot Ion:164 Resp: 4998
 Ion Ratio Lower Upper
 164 100
 162 107.3 83.1 124.7
 160 47.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094111.D
 Acq: 25 Sep 2017 20:32

Tgt Ion:330 Resp: 1009
 Ion Ratio Lower Upper
 330 100
 332 88.6 152.7 229.1#
 141 0.0 33.7 50.5#

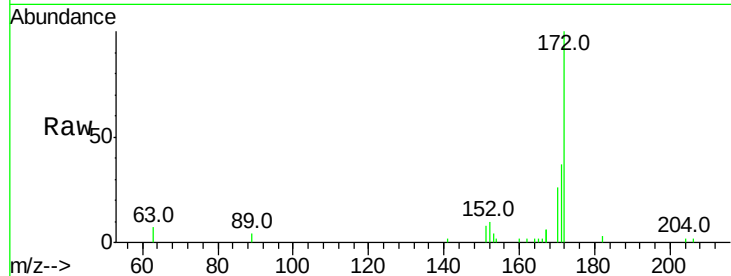




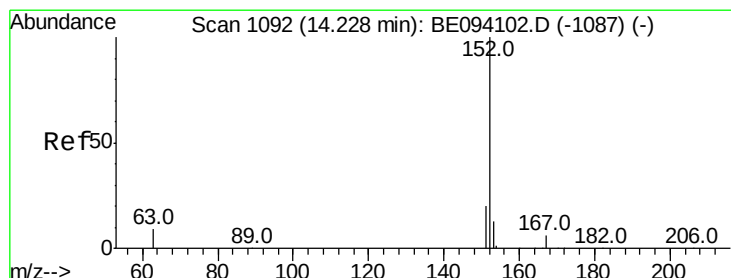
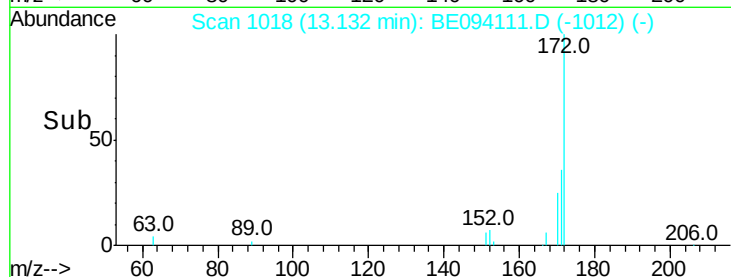
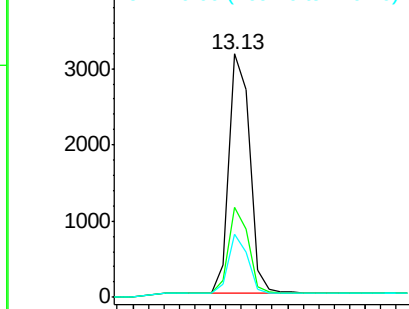
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5920
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 25.9 21.8 32.8

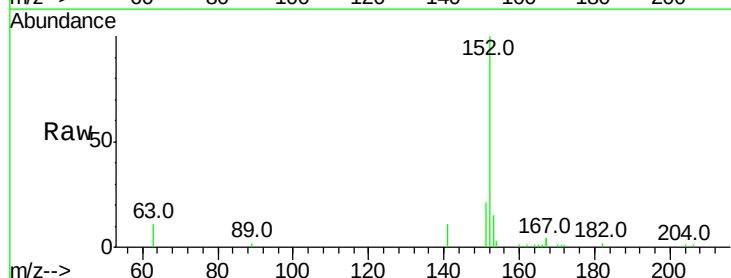


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

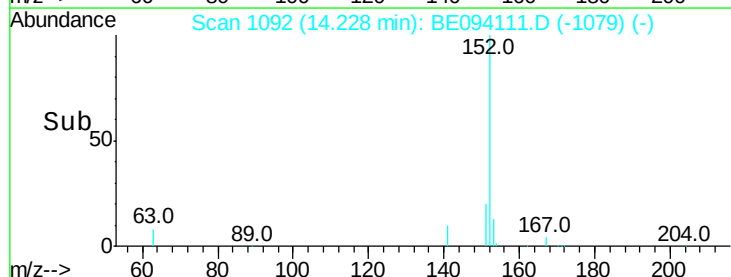
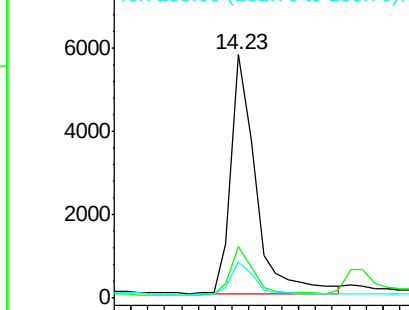


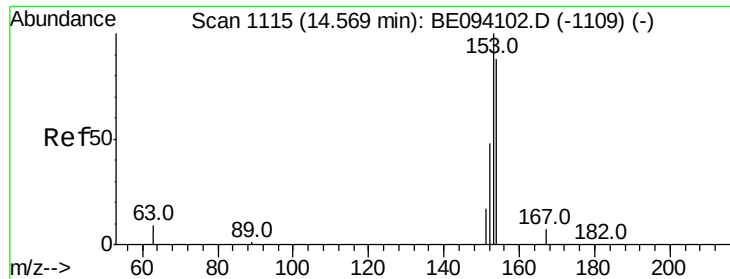
#16
Acenaphthylene
Concen: 0.467 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Tgt Ion:152 Resp: 11698
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.5 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: 0.935 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

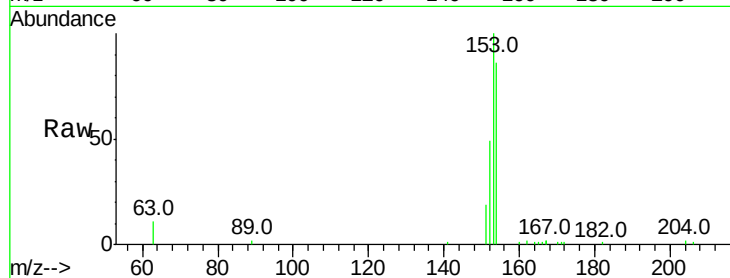
Tot Ion:154 Resp: 14631

Ion Ratio Lower Upper

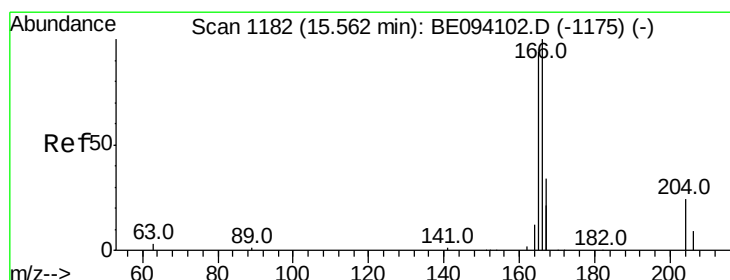
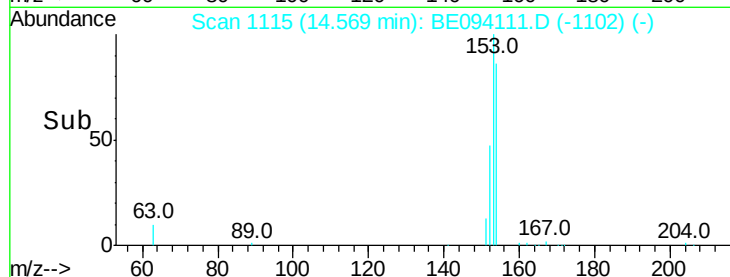
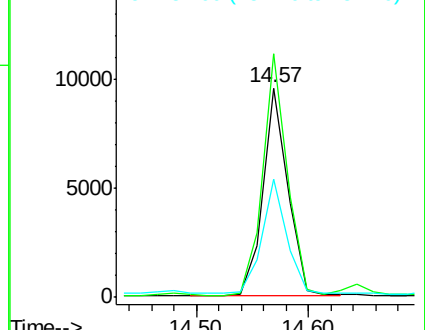
154 100

153 114.7 89.2 133.8

152 55.7 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



#18

Fluorene

Concen: 0.864 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

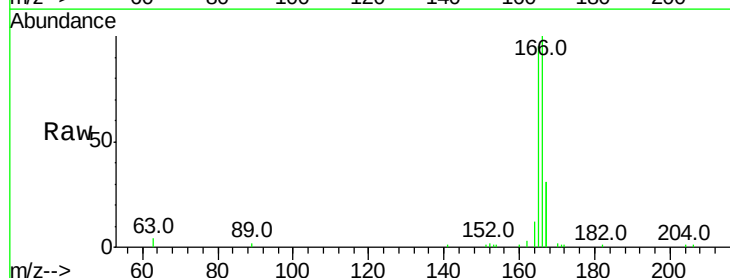
Tgt Ion:166 Resp: 18358

Ion Ratio Lower Upper

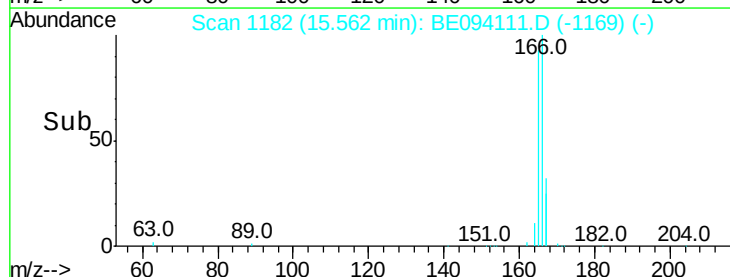
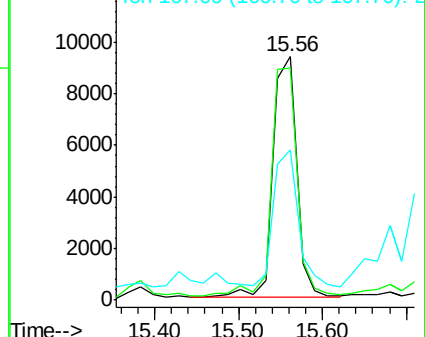
166 100

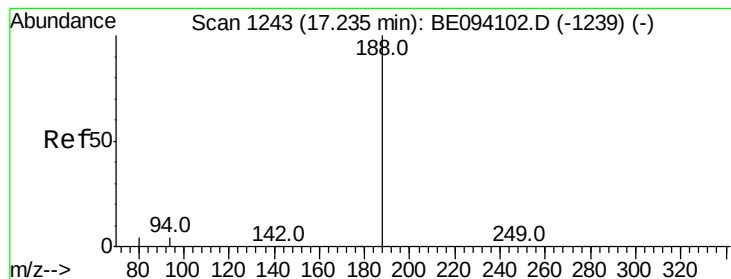
165 100.7 77.8 116.6

167 59.0 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: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

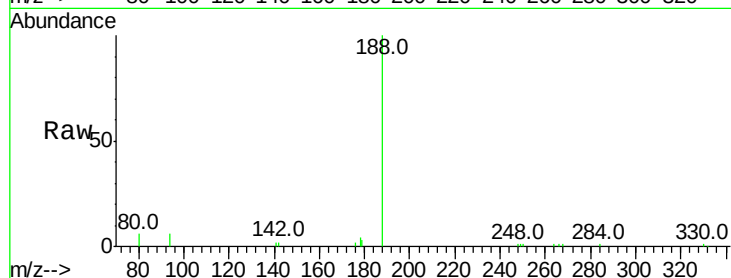
Tot Ion:188 Resp: 18428

Ion Ratio Lower Upper

188 100

94 6.0 3.9 5.9#

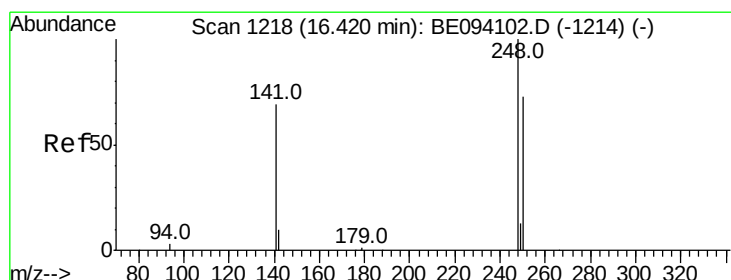
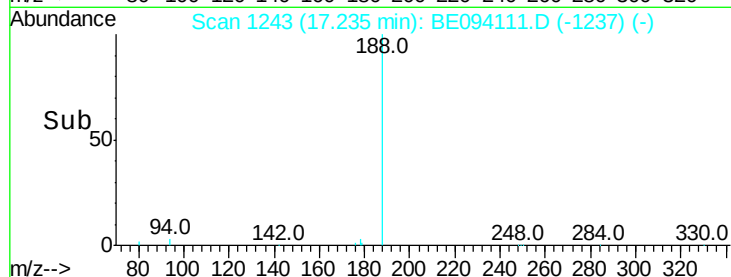
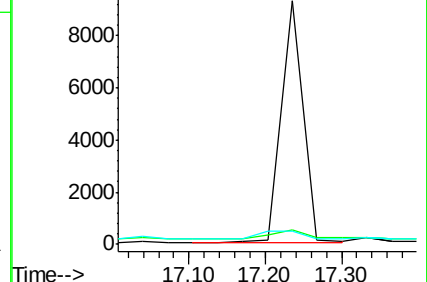
80 5.6 3.6 5.4#



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: 0.001 ng

RT: 16.29 min Scan# 1214

Delta R.T. -0.13 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

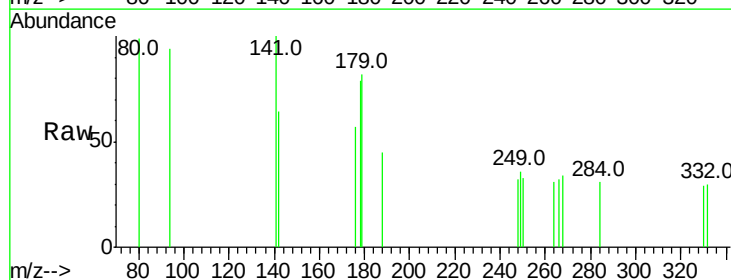
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 102.0 62.7 94.1#

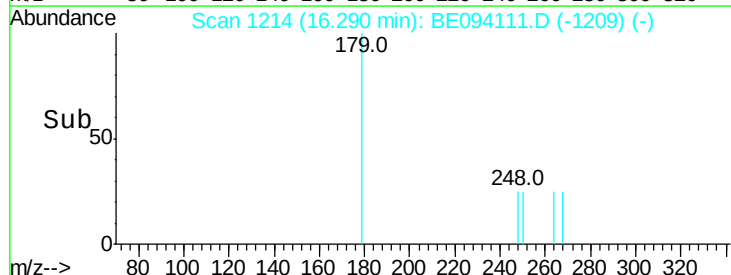
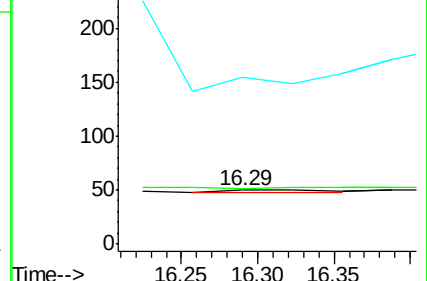
141 308.0 48.2 72.2#

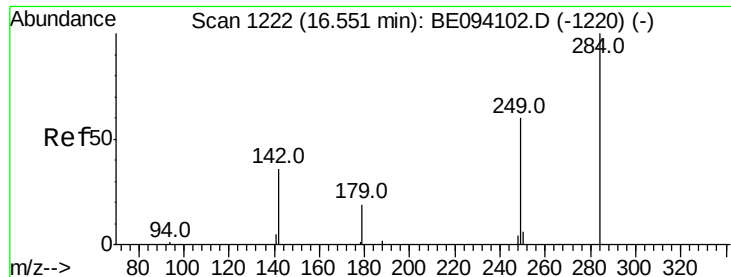


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

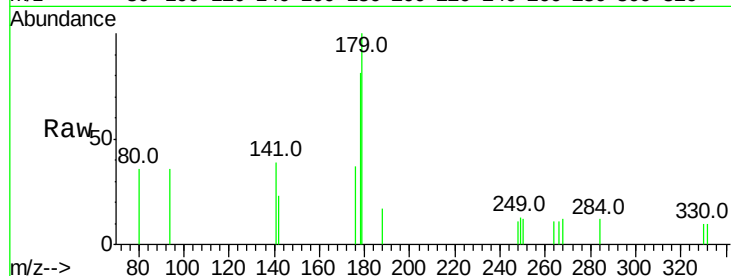




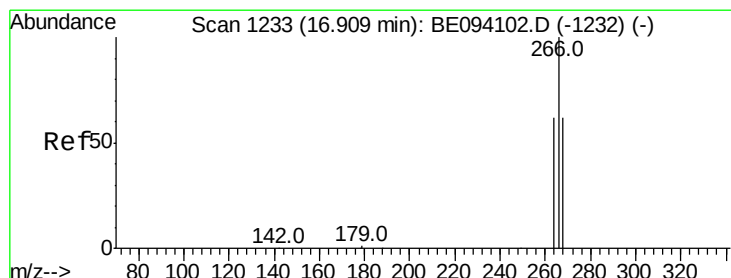
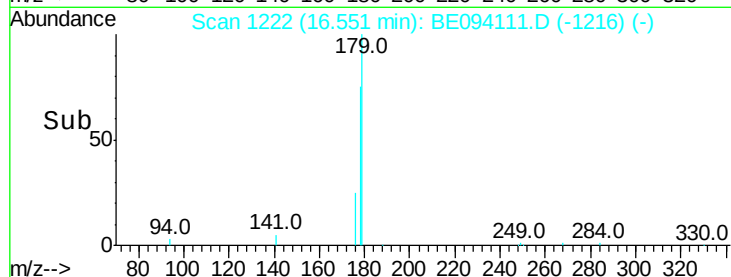
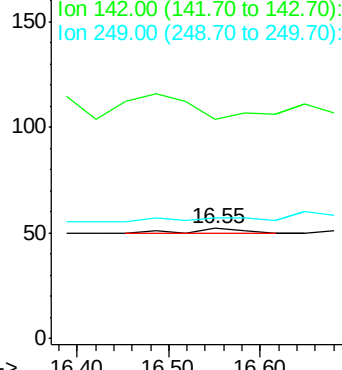
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#

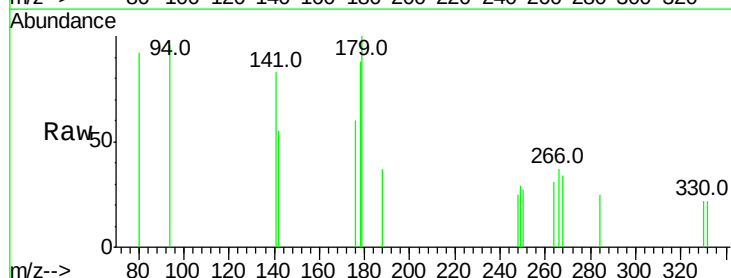


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

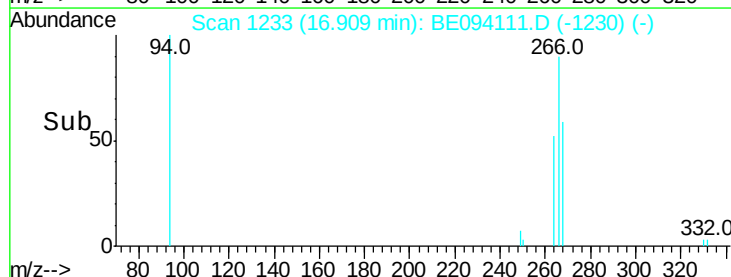
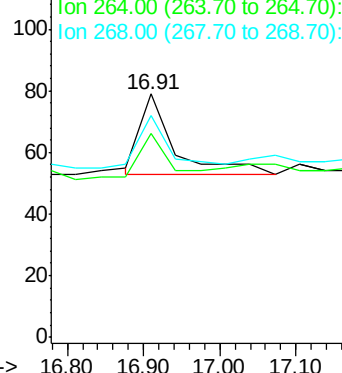


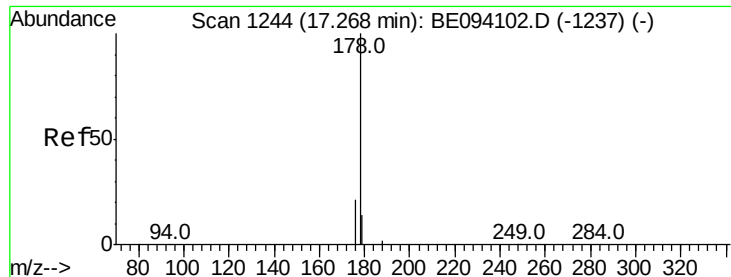
#22
Pentachlorophenol
Concen: 0.018 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Tgt Ion:266 Resp: 80
Ion Ratio Lower Upper
266 100
264 83.5 72.5 108.7
268 91.1 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: 10.812 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

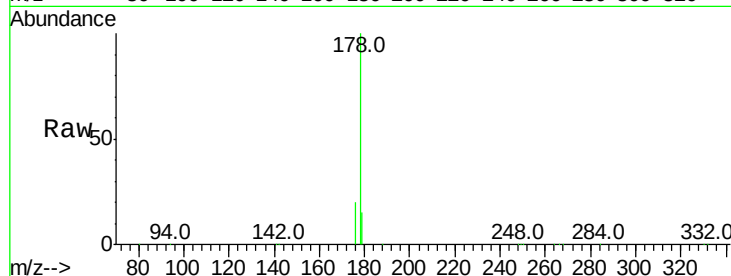
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 509766

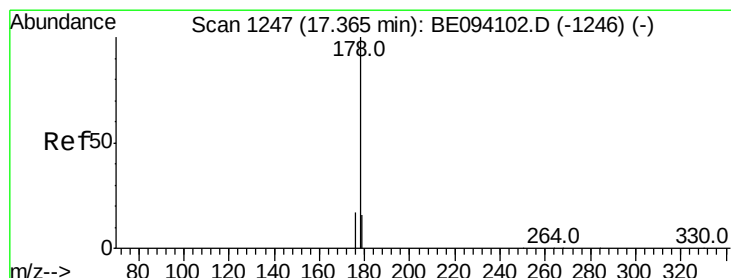
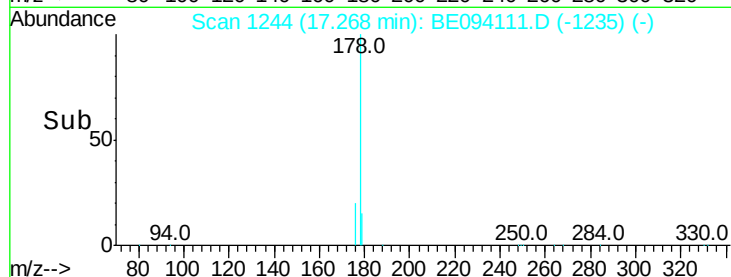
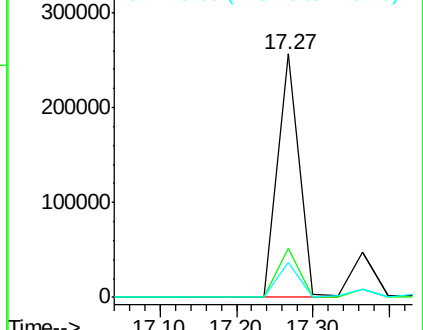
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	15.3	11.8	17.6



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: 1.979 ng

RT: 17.37 min Scan# 1247

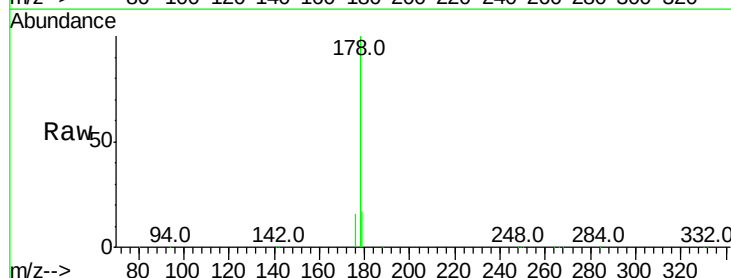
Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Tgt Ion:178 Resp: 97888

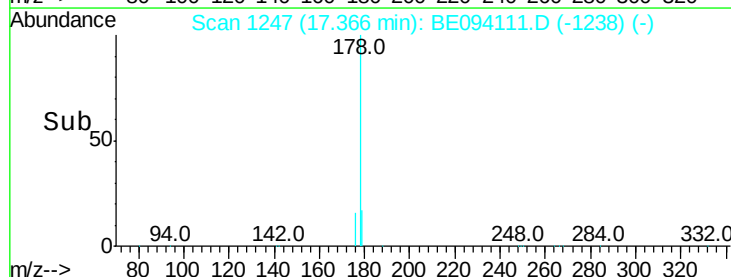
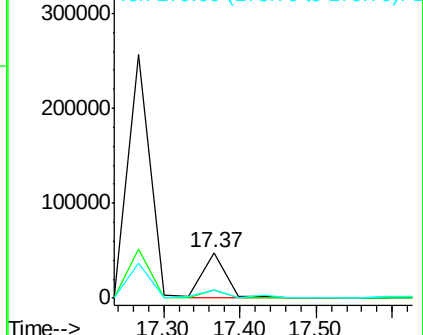
Ion	Ratio	Lower	Upper
178	100		
176	16.2	12.8	19.2
179	22.1	13.0	19.6

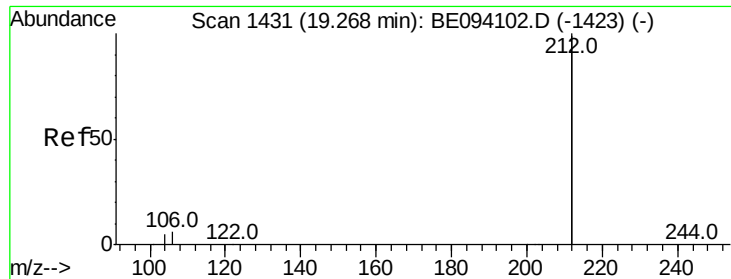


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

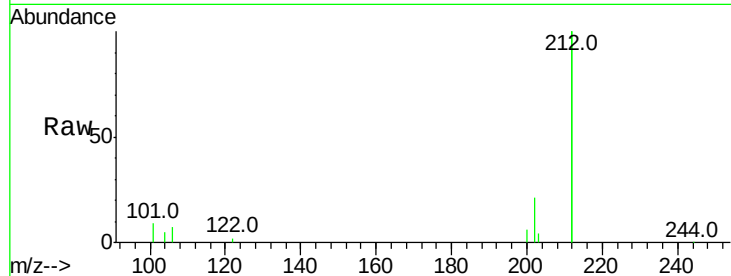
Tot Ion:212 Resp: 61536

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

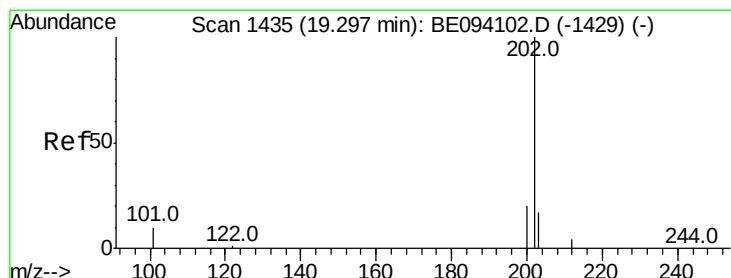
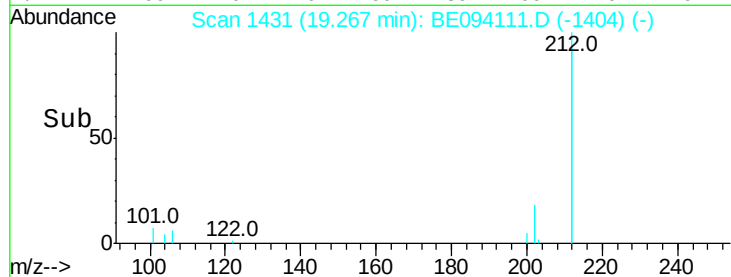
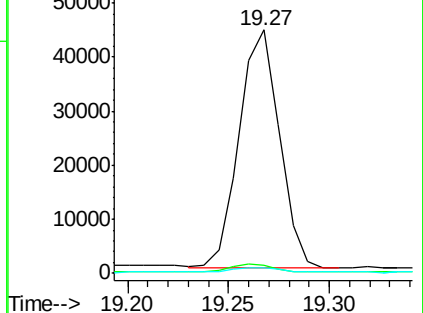
104 2.8 1.6 2.4#



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: 14.187 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

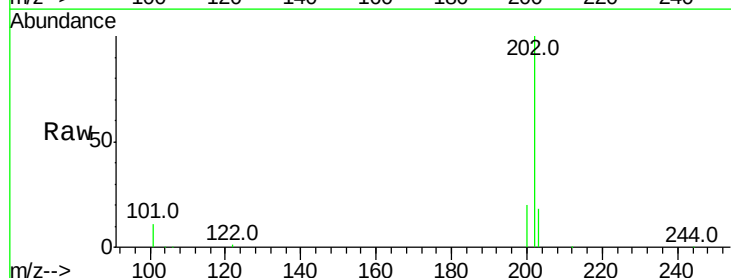
Tgt Ion:202 Resp: 749516

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

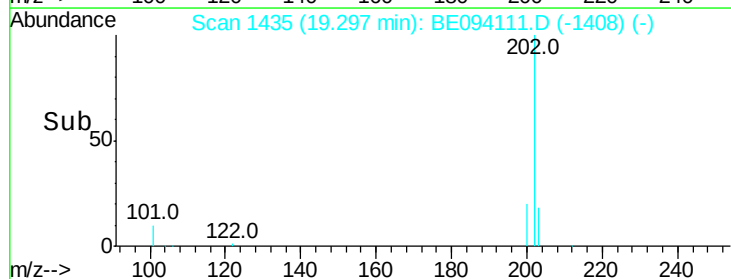
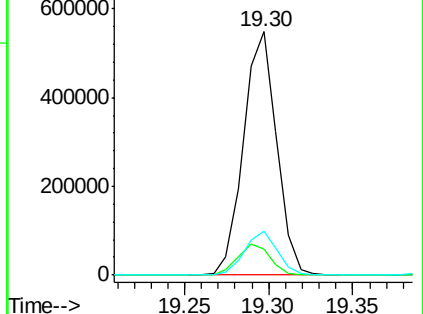
203 17.7 13.7 20.5

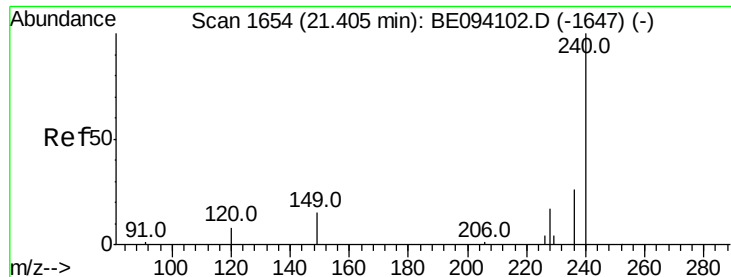


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

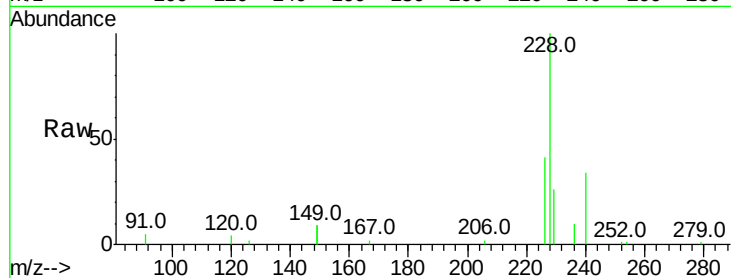
Tot Ion:240 Resp: 15819

Ion Ratio Lower Upper

240 100

120 11.0 5.5 8.3#

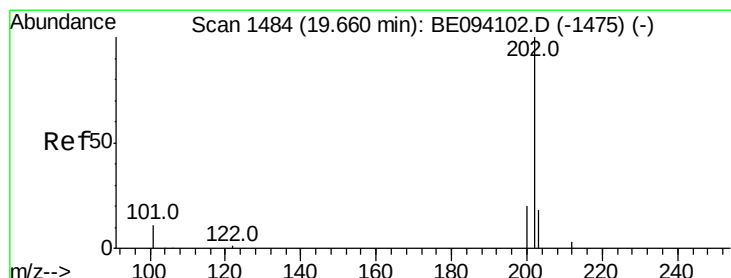
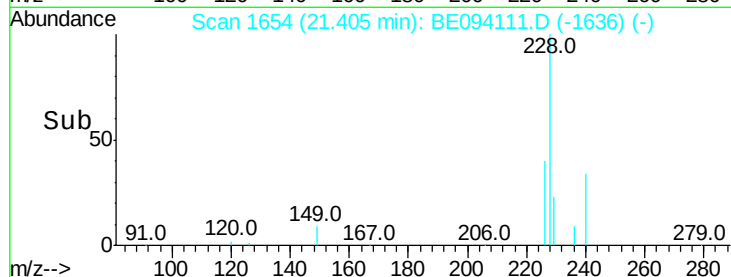
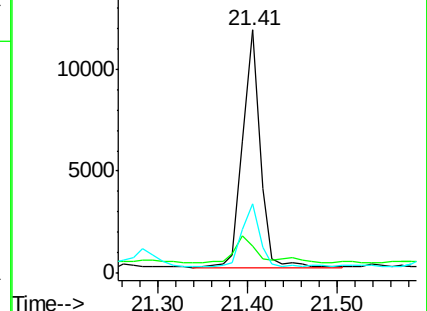
236 28.5 20.7 31.1



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: 13.305 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

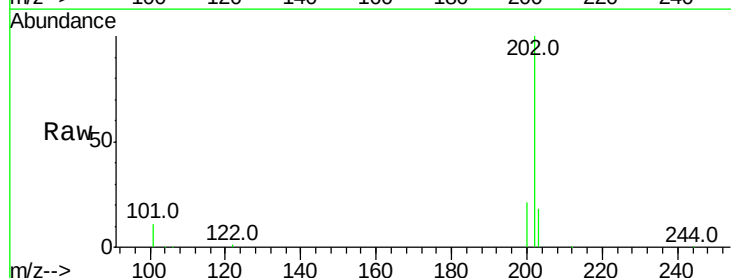
Tgt Ion:202 Resp: 666907

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

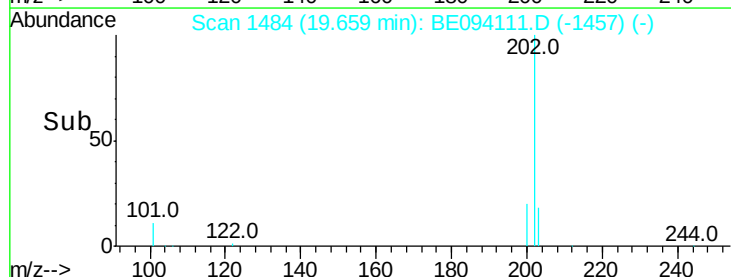
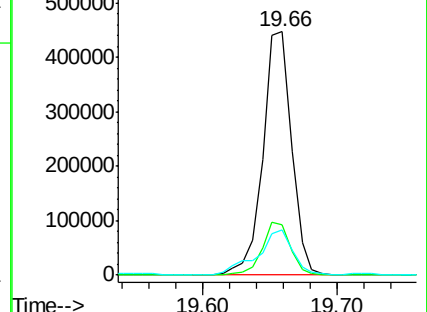
203 22.8 13.8 20.8#

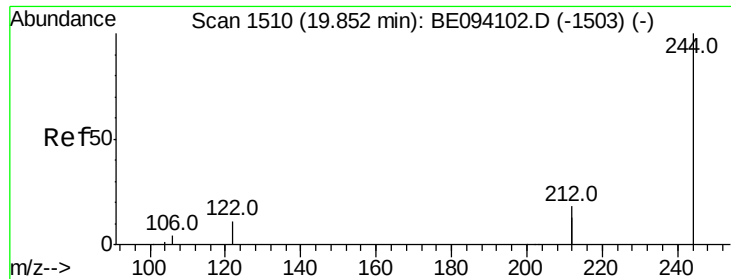


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

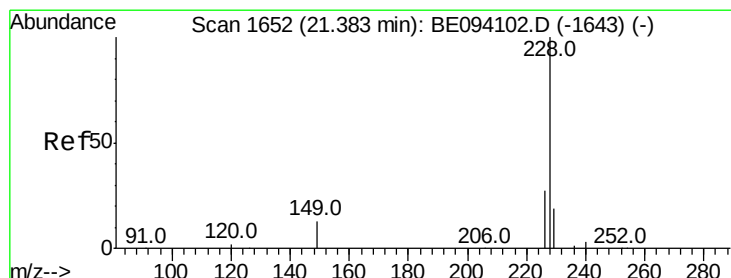
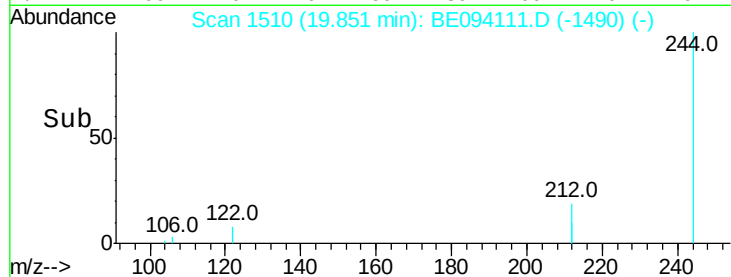
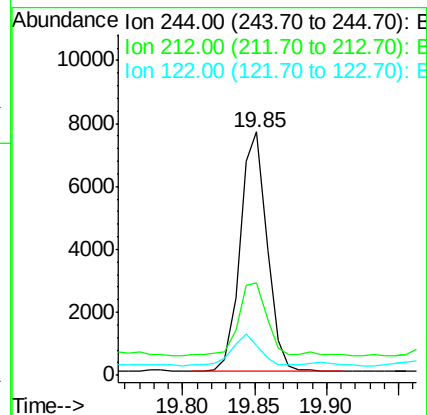
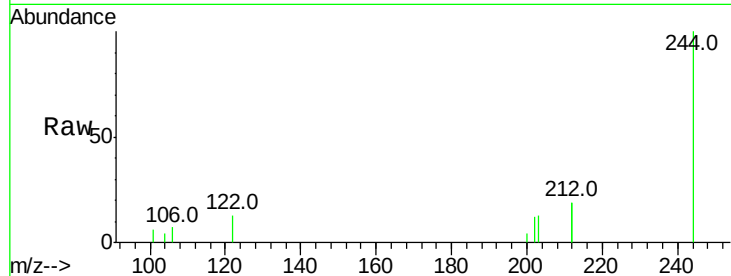
Tot Ion:244 Resp: 9743

Ion Ratio Lower Upper

244 100

212 38.2 25.4 38.0#

122 12.5 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 5.901 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

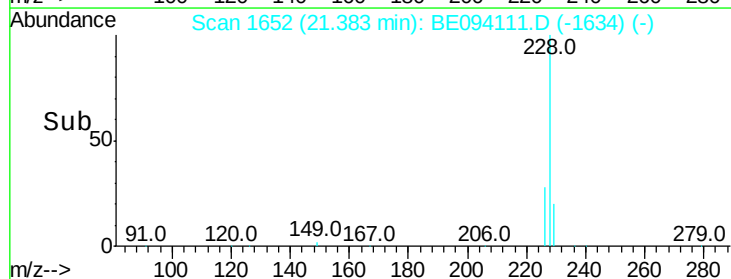
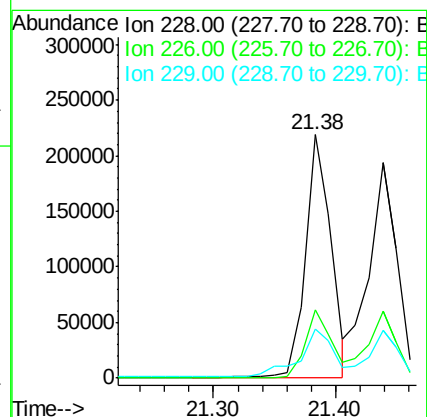
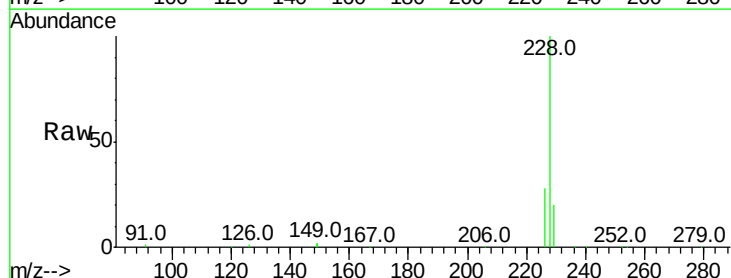
Tgt Ion:228 Resp: 314364

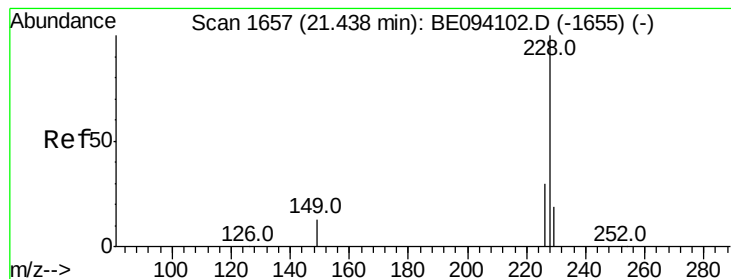
Ion Ratio Lower Upper

228 100

226 28.3 21.4 32.0

229 20.4 16.4 24.6





#31

Chrysene

Concen: 6.013 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampled :

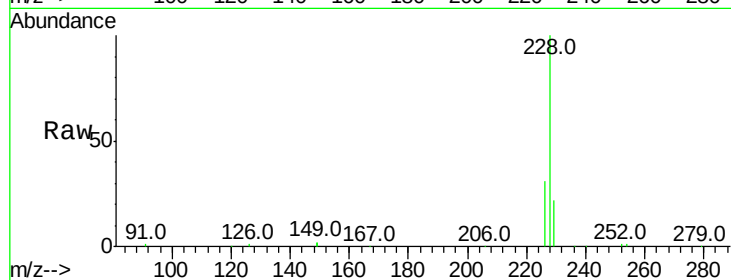
Tot Ion:228 Resp: 309095

Ion Ratio Lower Upper

228 100

226 30.8 23.6 35.4

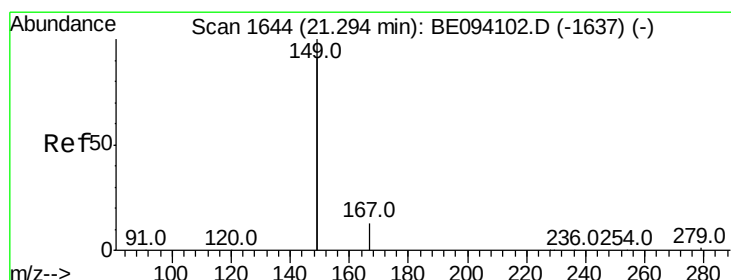
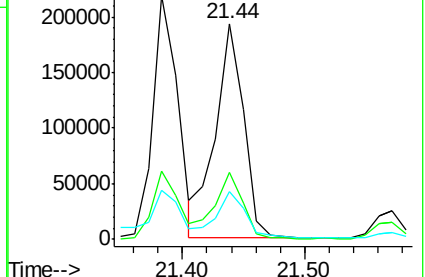
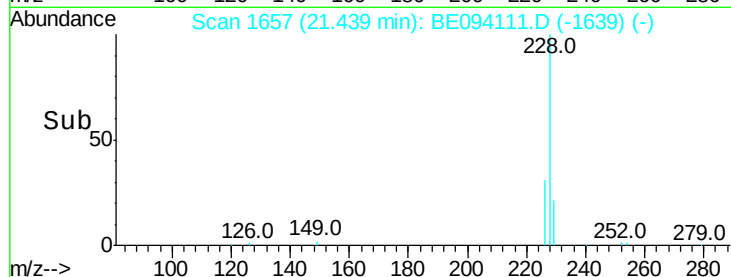
229 21.9 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.184 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

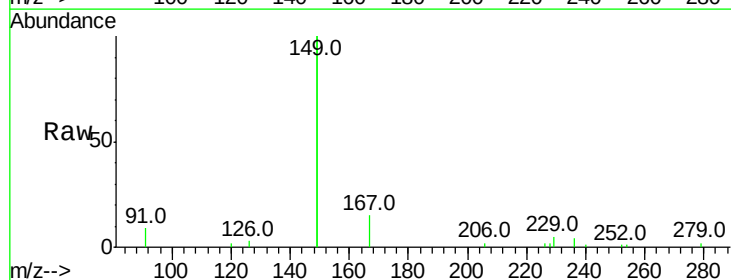
Tgt Ion:149 Resp: 57369

Ion Ratio Lower Upper

149 100

167 7.5 5.4 8.0

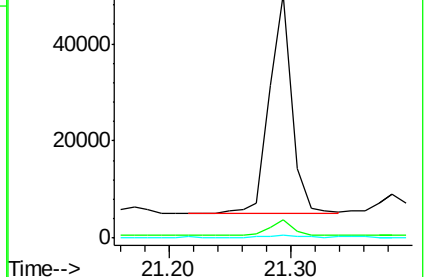
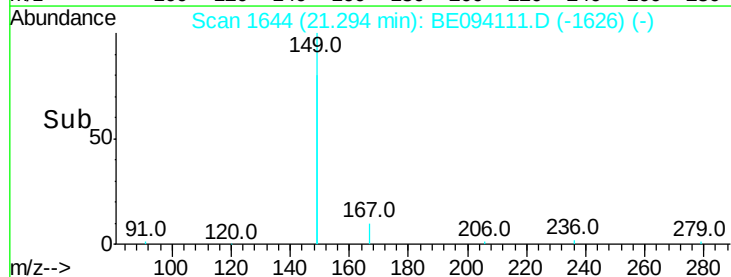
279 0.9 0.7 1.1

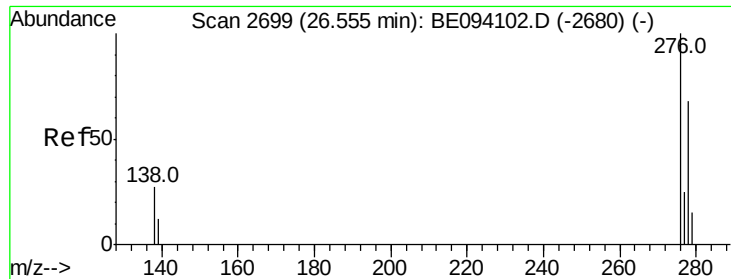


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.244 ng

RT: 26.55 min Scan# 2699

Delta R.T. -0.00 min

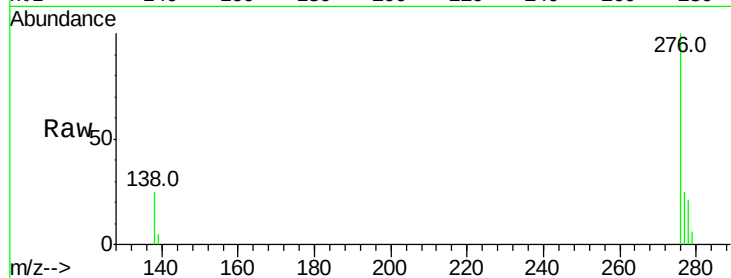
Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :



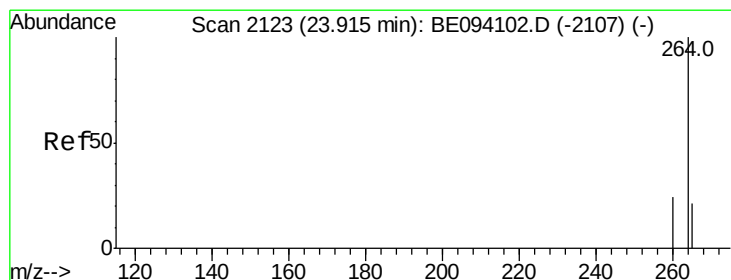
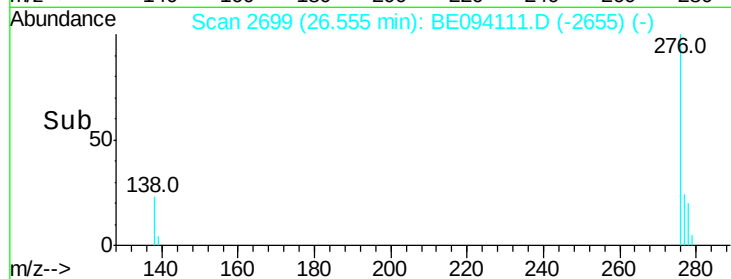
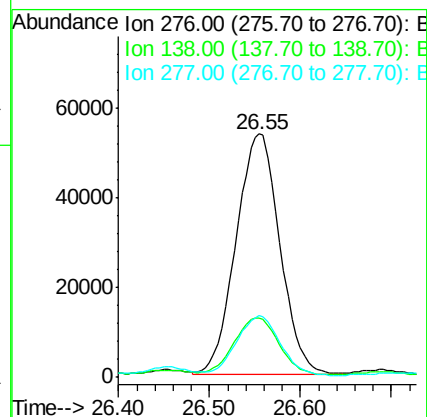
Tot Ion:276 Resp: 178483

Ion Ratio Lower Upper

276 100

138 23.9 22.5 33.7

277 24.5 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: BE094111.D

Acq: 25 Sep 2017 20:32

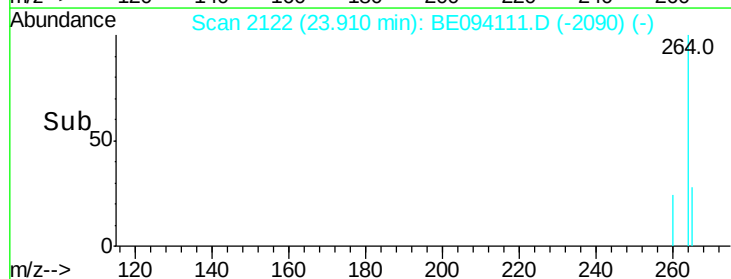
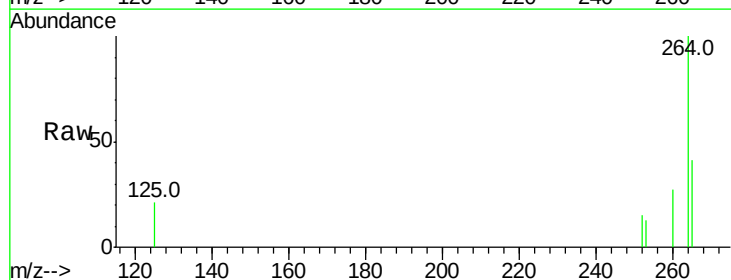
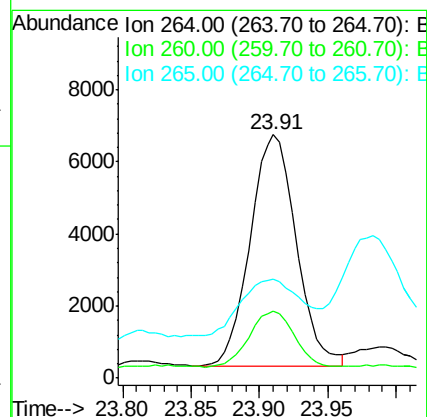
Tgt Ion:264 Resp: 15036

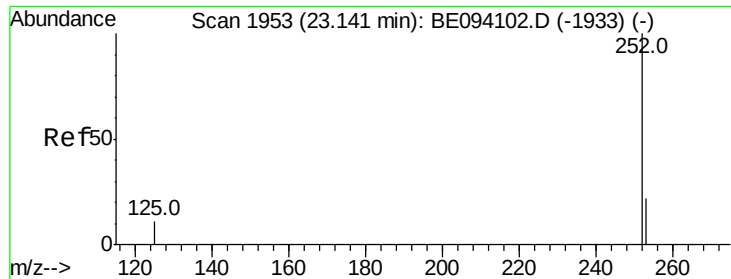
Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 40.6 22.8 34.2#

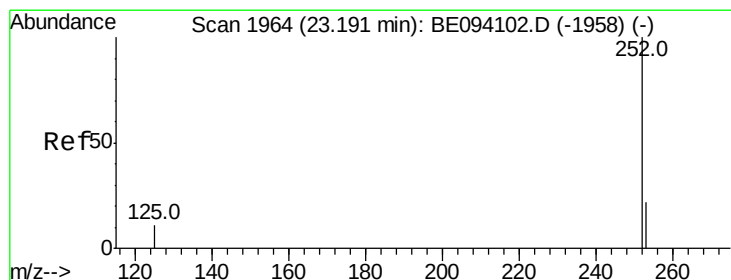
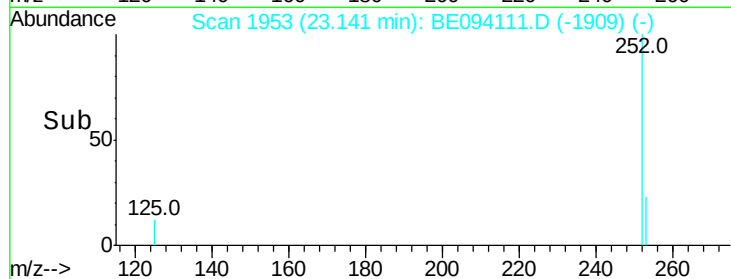
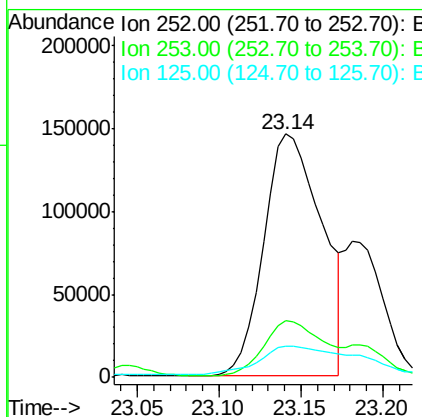
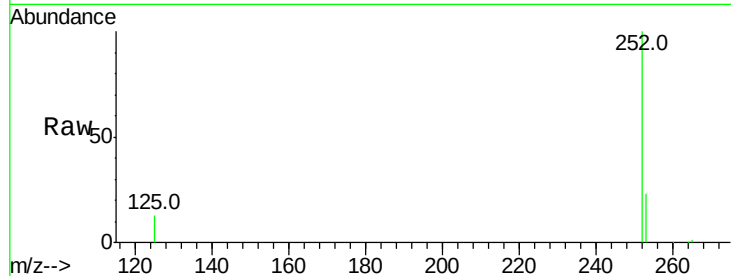




#35
Benzo(b)fluoranthene
Concen: 6.644 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

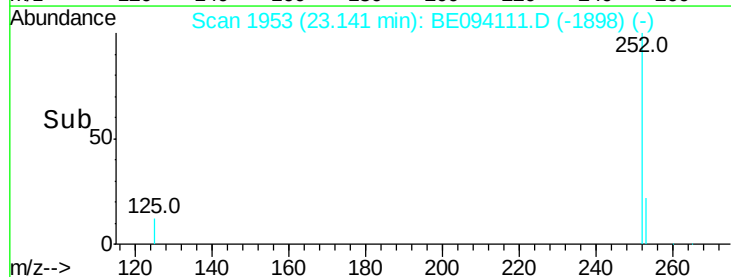
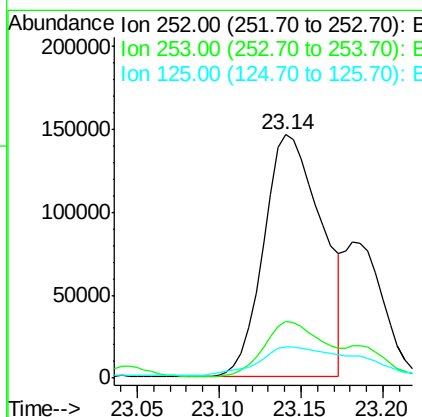
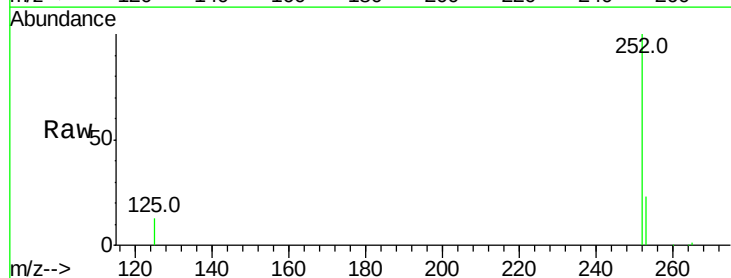
Instrument :
BNA_E
ClientSampleId :

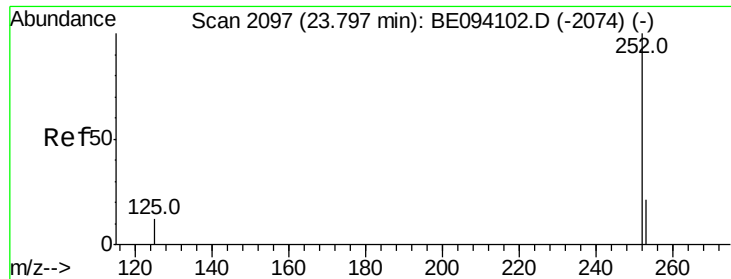
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.7	10.1	15.1



#36
Benzo(k)fluoranthene
Concen: 6.939 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.7	10.7	16.1

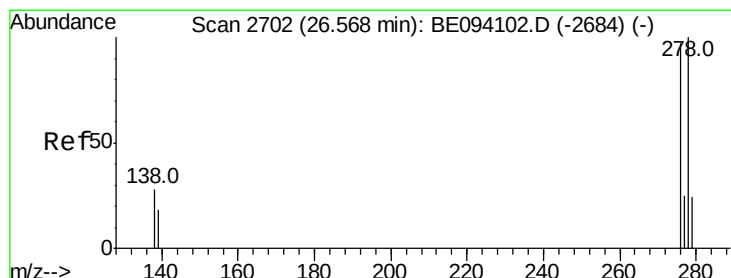
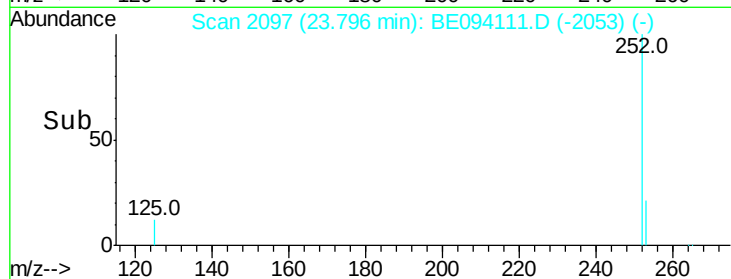
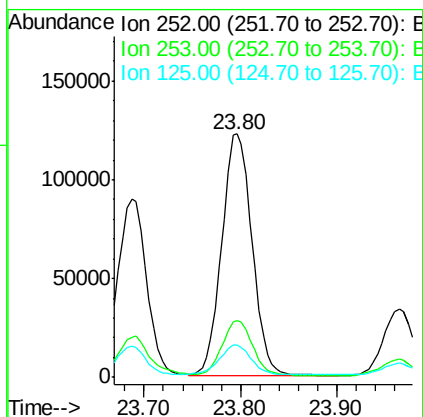
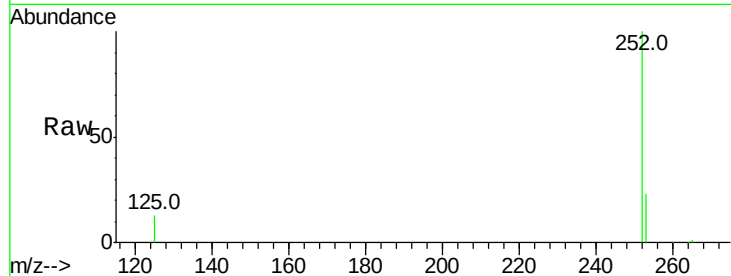




#37
Benzo(a)pyrene
Concen: 5.438 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

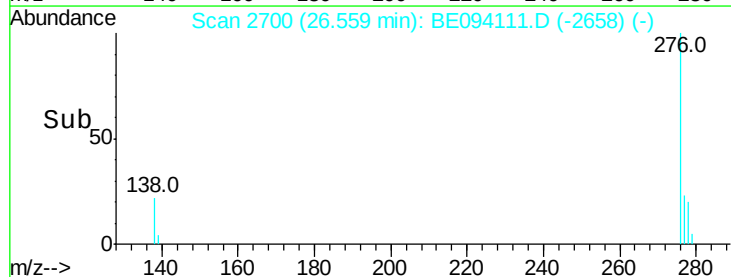
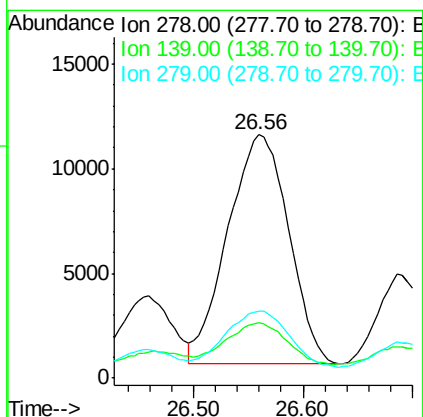
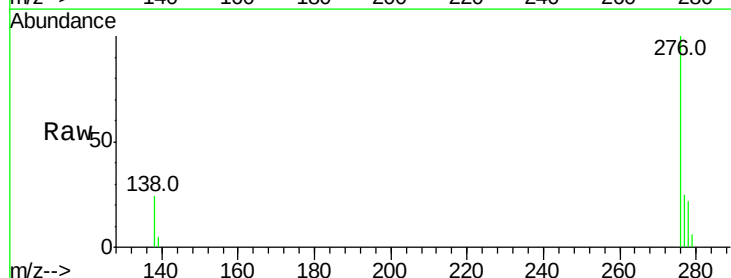
Instrument :
BNA_E
ClientSampleId :

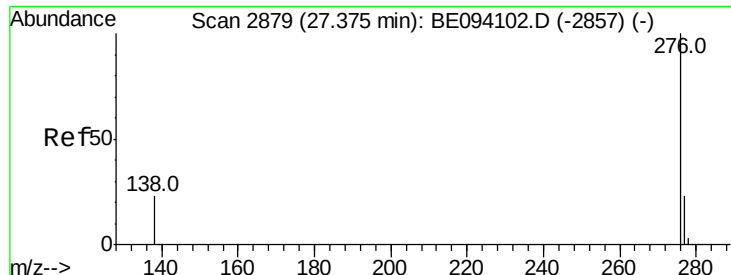
Tot Ion:252 Resp: 266593
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 13.3 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.916 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094111.D
Acq: 25 Sep 2017 20:32

Tgt Ion:278 Resp: 42514
Ion Ratio Lower Upper
278 100
139 22.7 16.3 24.5
279 27.5 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 3.878 ng

RT: 27.38 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BE094111.D

Acq: 25 Sep 2017 20:32

Instrument :

BNA_E

ClientSampleId :

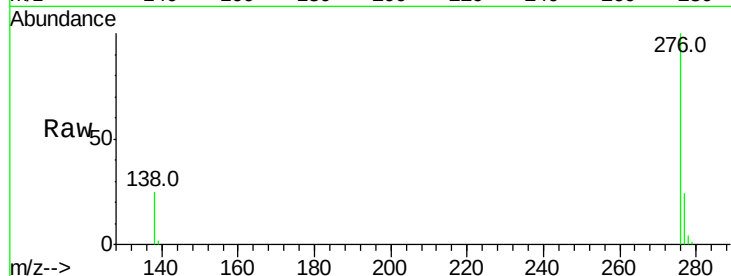
Tot Ion:276 Resp: 178206

Ion Ratio Lower Upper

276 100

277 24.4 20.8 31.2

138 24.7 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

