

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094117.D
 Acq On : 26 Sep 2017 00:16
 Operator : SJ/JU
 Sample : I5340-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 01:40:08 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	1685	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8390	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5439	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20340	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15505	0.40	ng	0.00
34) Perylene-d12	23.91	264	14875	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	965	0.15	ng	0.00
5) Phenol-d6	7.09	99	1467	0.17	ng	0.00
8) Nitrobenzene-d5	9.06	82	1216	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2218	0.17	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	440	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	2925	0.16	ng	0.00
25) Fluoranthene-d10	19.27	212	26642	0.14	ng	0.00
29) Terphenyl-d14	19.85	244	3948	0.14	ng	0.00

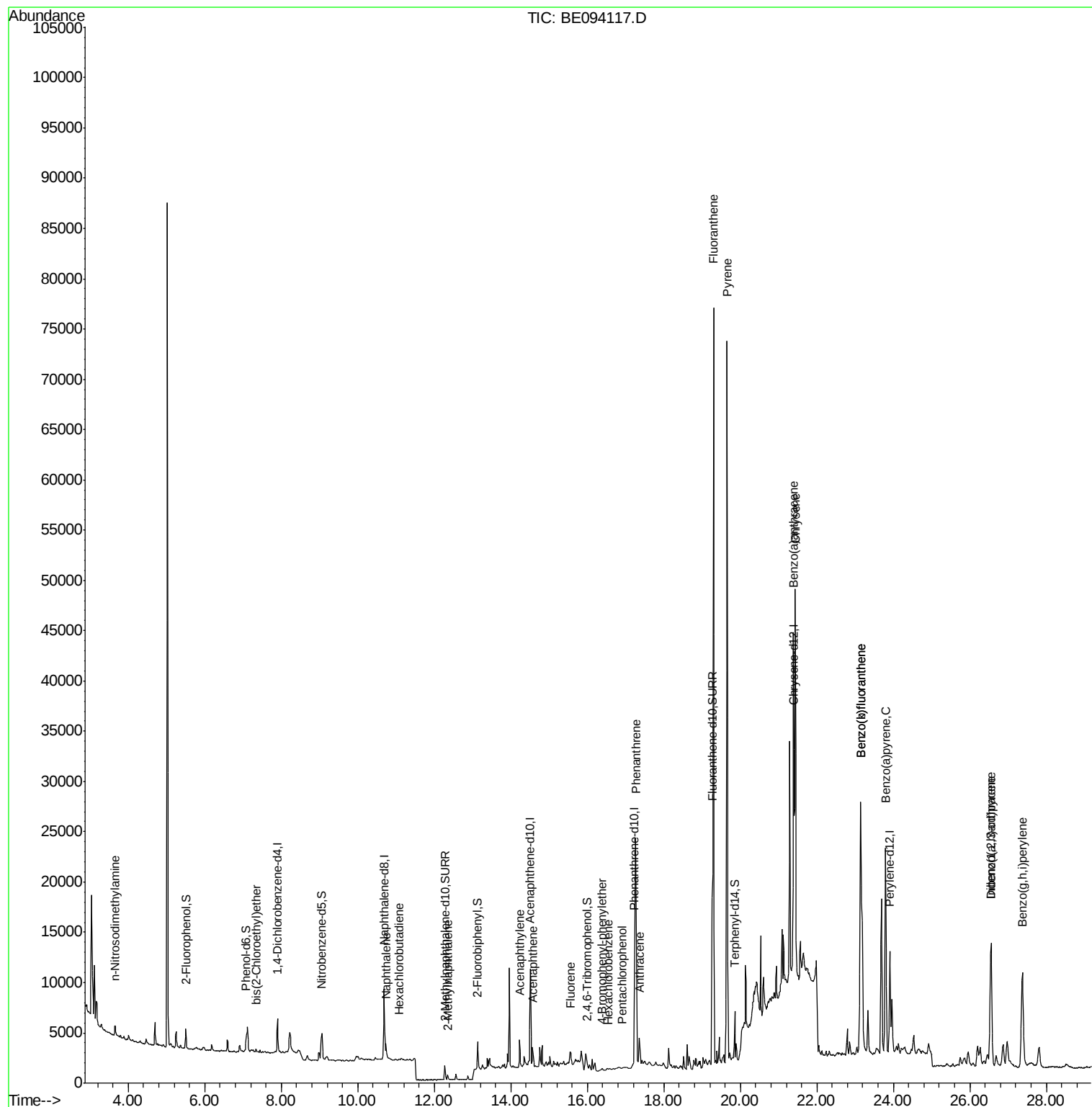
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.65	42	307	0.073	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	281	0.041	ng	# 1
9) Naphthalene	10.74	128	2415	0.025	ng	# 91
10) Hexachlorobutadiene	11.08	225	8	0.002	ng	# 41
12) 2-Methylnaphthalene	12.34	142	347	0.023	ng	# 79
16) Acenaphthylene	14.23	152	3760	0.138	ng	98
17) Acenaphthene	14.57	154	621	0.036	ng	88
18) Fluorene	15.56	166	1165	0.050	ng	# 80
20) 4-Bromophenyl-phenylether	16.39	248	12	0.001	ng	# 1
21) Hexachlorobenzene	16.55	284	10	0.002	ng	# 38
22) Pentachlorophenol	16.91	266	14	0.003	ng	94
23) Phenanthrene	17.27	178	34117	0.656	ng	97
24) Anthracene	17.37	178	5089	0.093	ng	# 93
26) Fluoranthene	19.30	202	70684	1.212	ng	99
28) Pyrene	19.66	202	69669	1.418	ng	# 96
30) Benzo(a)anthracene	21.38	228	32233	0.617	ng	96
31) Chrysene	21.44	228	38982	0.774	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	28898	Below Cal		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	21953	0.407	ng	97
35) Benzo(b)fluoranthene	23.14	252	47420	0.884	ng	# 94
36) Benzo(k)fluoranthene	23.14	252	47420	0.923	ng	# 95
37) Benzo(a)pyrene	23.79	252	32056	0.661	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	5517	0.120	ng	# 70
39) Benzo(g,h,i)perylene	27.37	276	22633	0.498	ng	98

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

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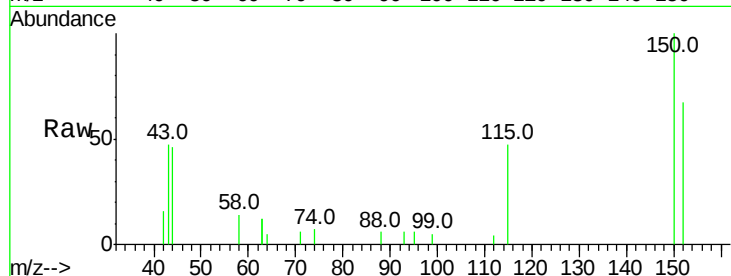


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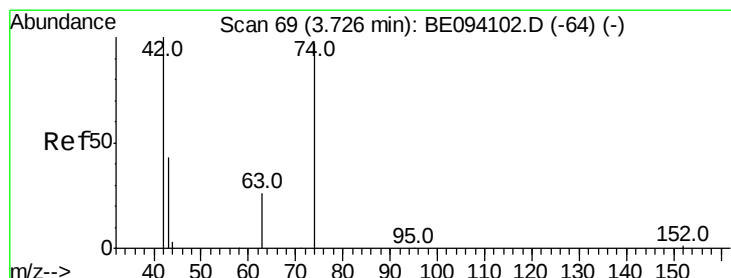
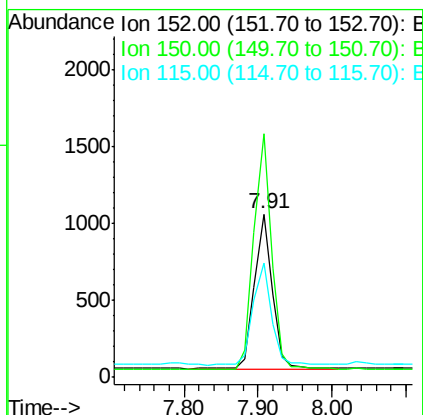
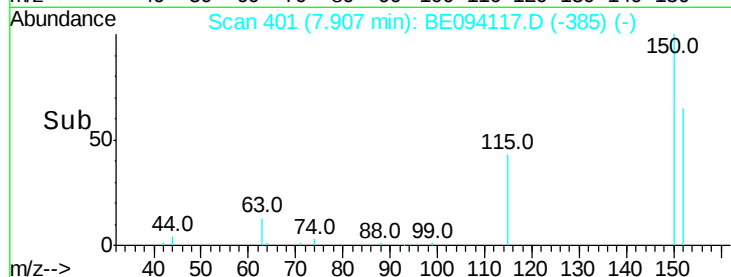
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1685
Ion Ratio Lower Upper
152 100
150 148.9 117.2 175.8
115 70.0 57.0 85.6



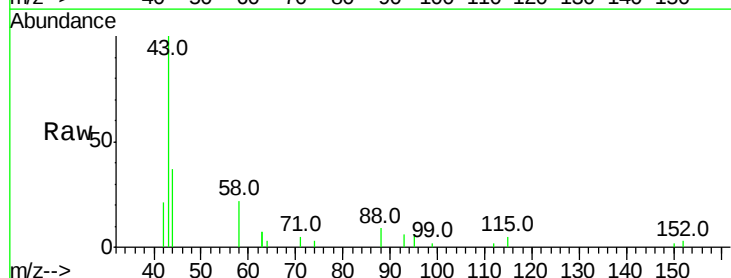
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



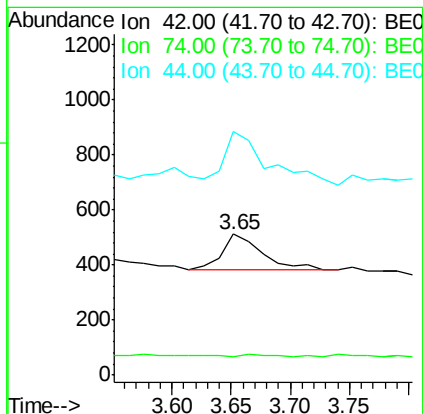
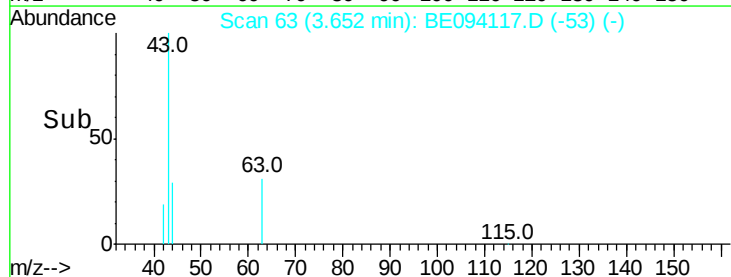
#3

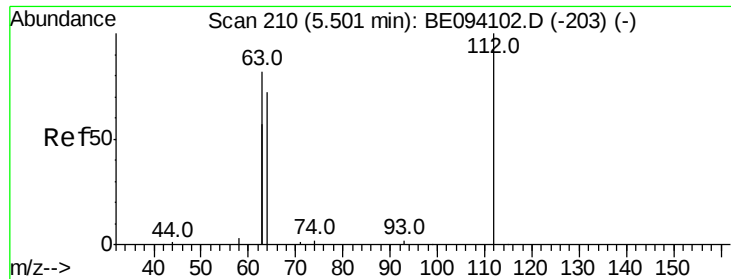
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.07 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Tgt Ion: 42 Resp: 307
Ion Ratio Lower Upper
42 100
74 4.9 100.3 150.5#
44 161.9 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: 0.151 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampled :

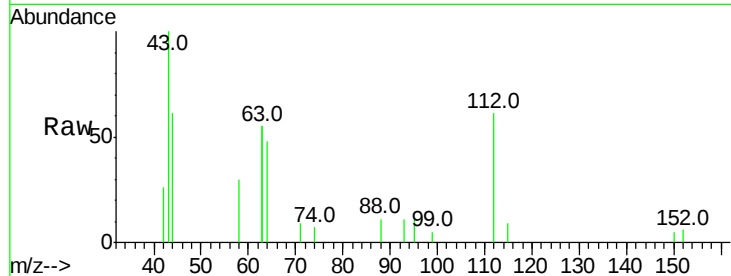
Tot Ion: 112 Resp: 965

Ion Ratio Lower Upper

112 100

64 76.5 60.1 90.1

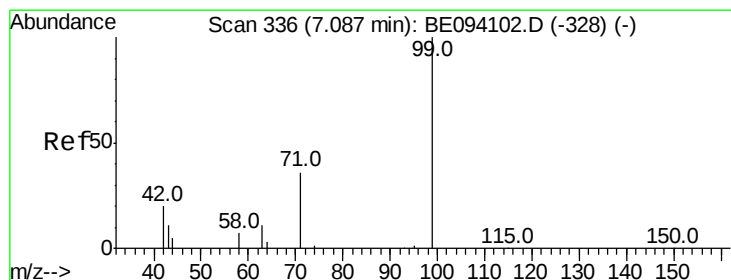
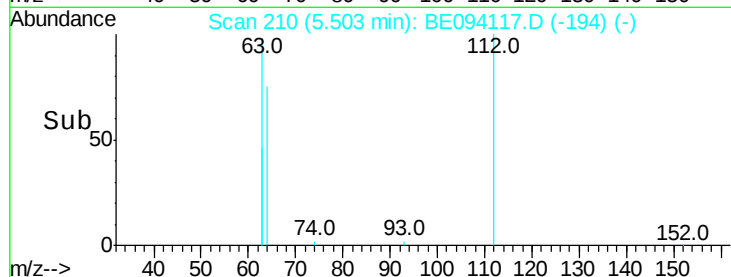
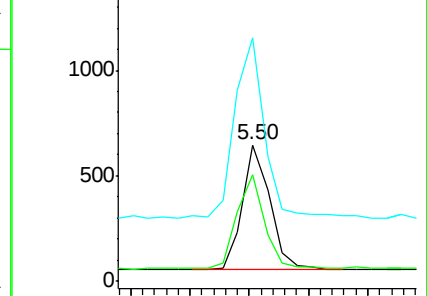
63 154.2 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.165 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

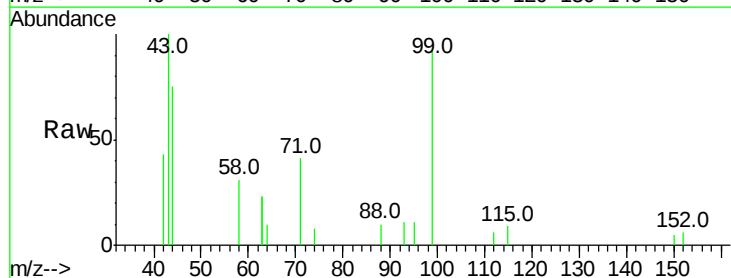
Tgt Ion: 99 Resp: 1467

Ion Ratio Lower Upper

99 100

42 31.5 20.2 30.2#

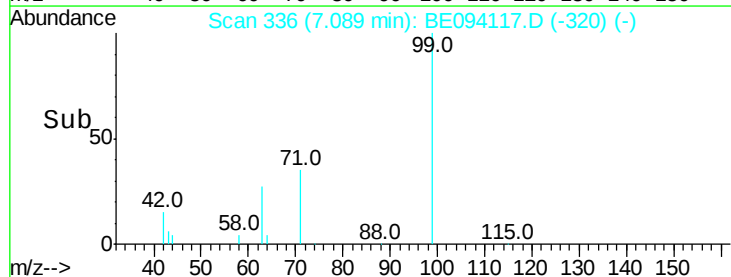
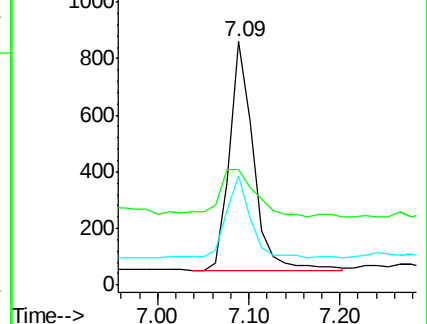
71 38.2 28.4 42.6

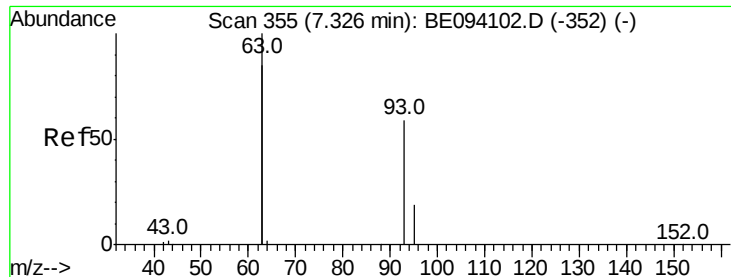


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.041 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

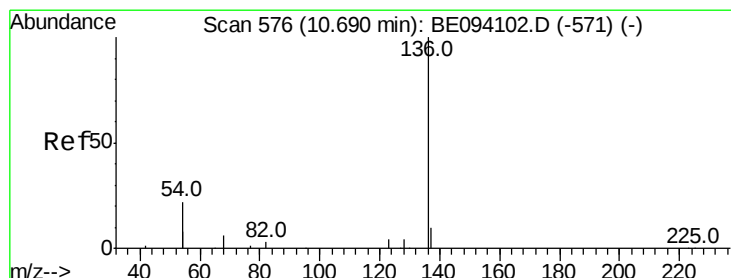
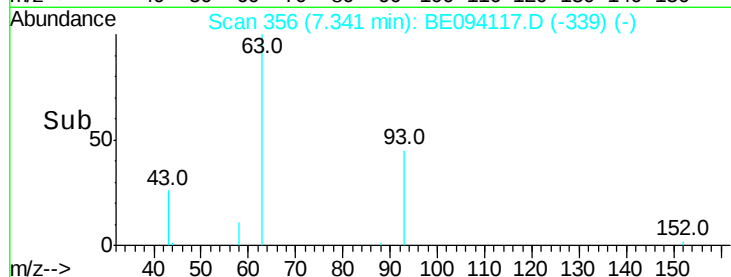
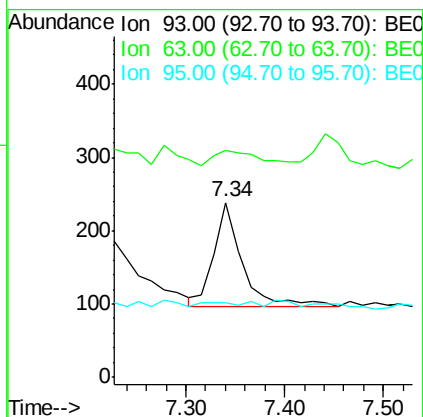
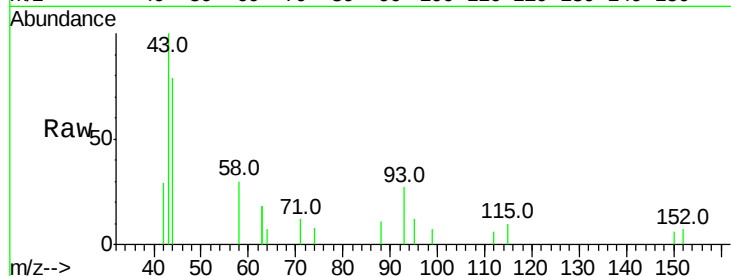
Tot Ion: 93 Resp: 281

Ion Ratio Lower Upper

93 100

63 24.6 275.3 412.9#

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: BE094117.D

Acq: 26 Sep 2017 00:16

Tgt Ion: 136 Resp: 8390

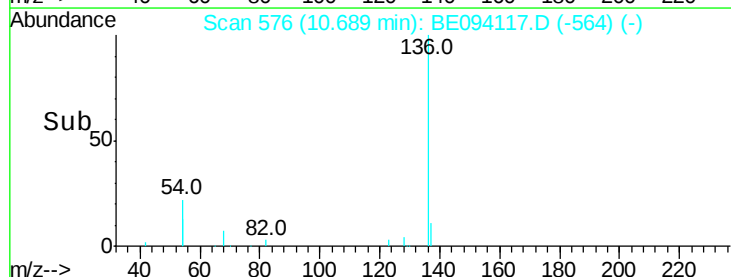
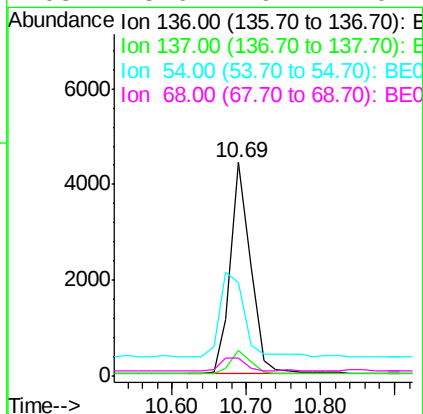
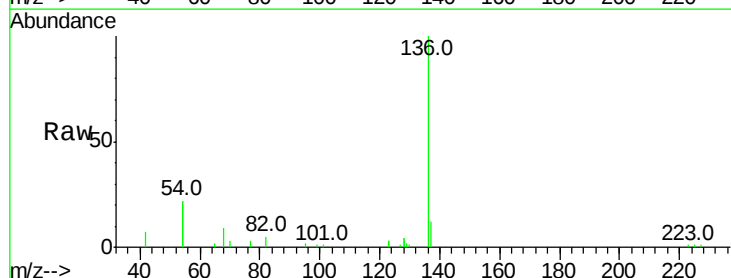
Ion Ratio Lower Upper

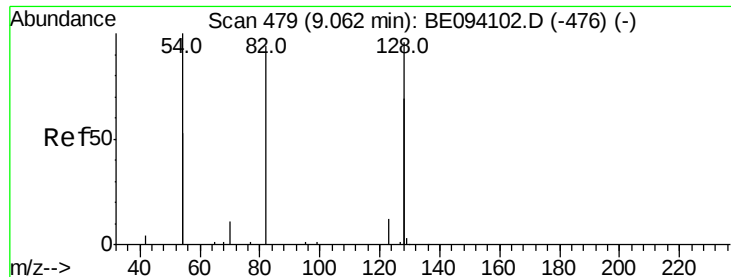
136 100

137 12.1 9.5 14.3

54 43.8 29.1 43.7#

68 8.6 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.150 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampled :

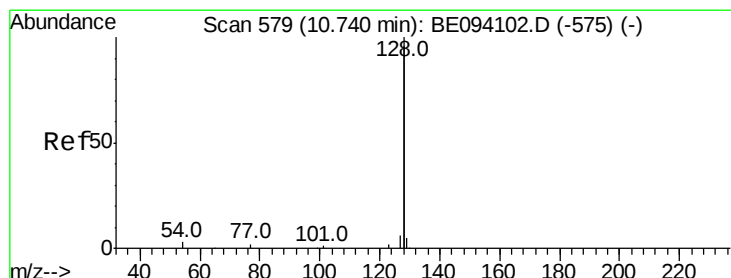
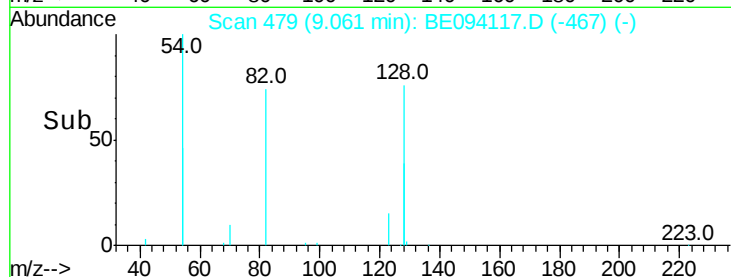
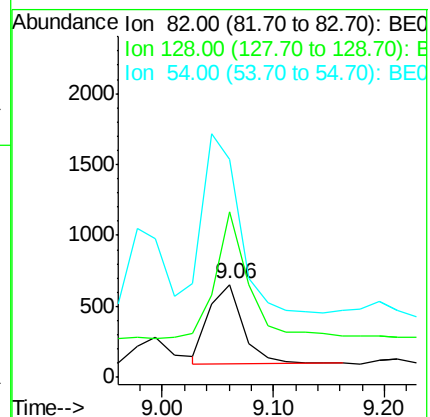
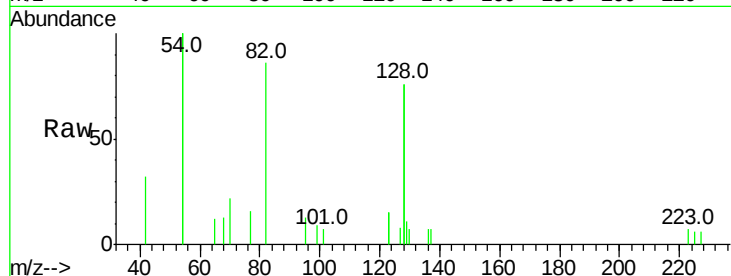
Tot Ion: 82 Resp: 1216

Ion Ratio Lower Upper

82 100

128 177.7 150.0 225.0

54 233.8 154.2 231.4#



#9

Naphthalene

Concen: 0.025 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

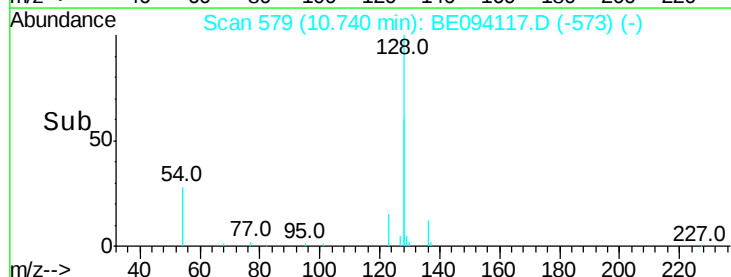
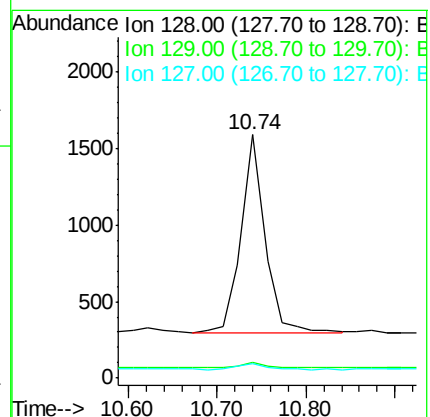
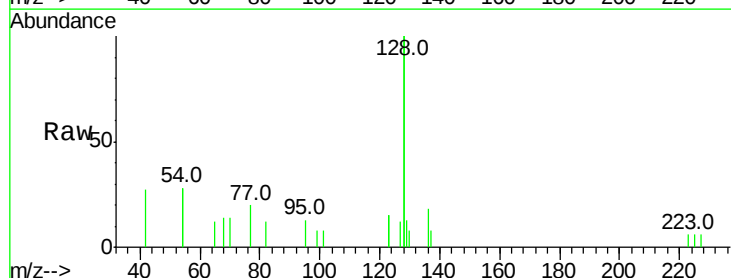
Tgt Ion: 128 Resp: 2415

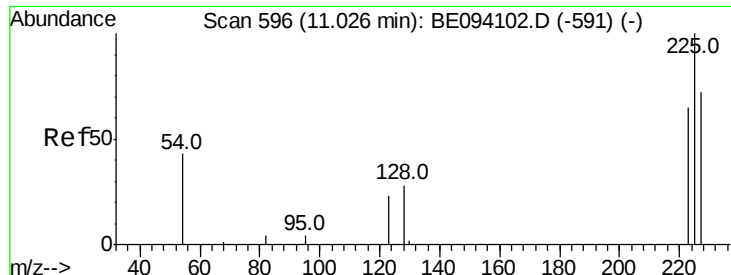
Ion Ratio Lower Upper

128 100

129 6.6 2.6 3.8#

127 6.0 2.8 4.2#

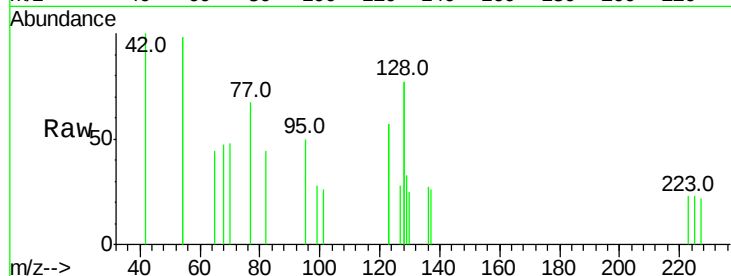




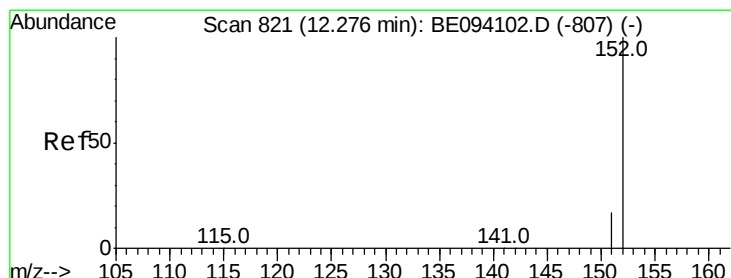
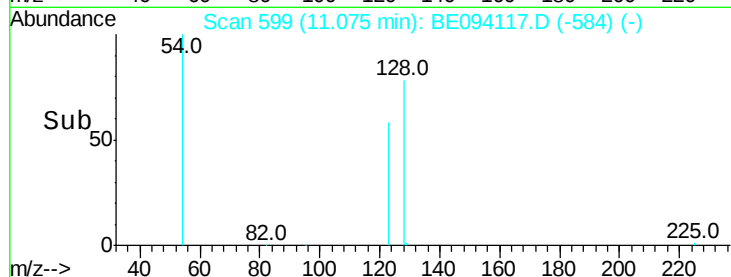
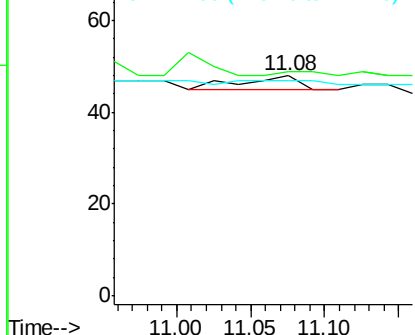
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.05 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 8
Ion Ratio Lower Upper
225 100
223 37.5 53.0 79.6#
227 0.0 51.4 77.2#

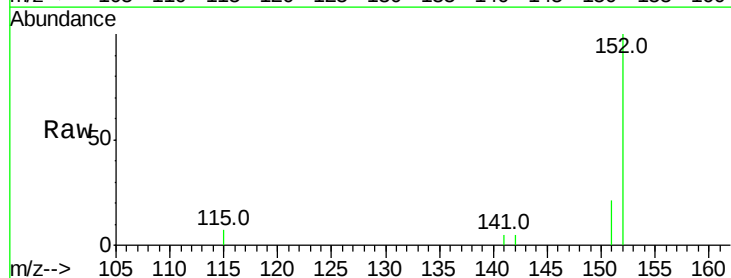


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

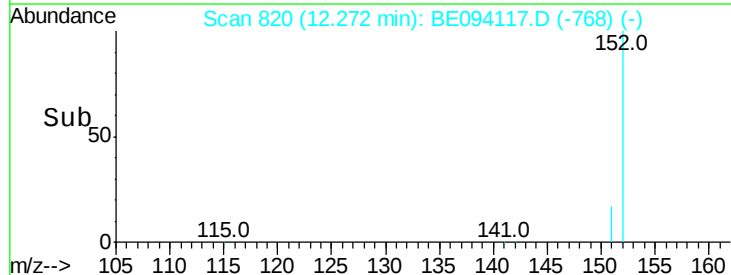
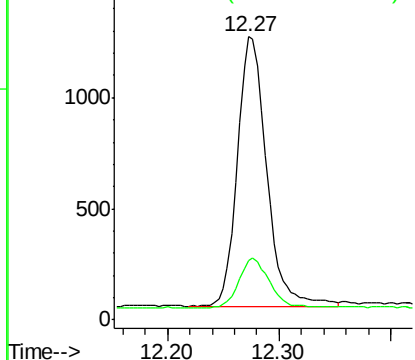


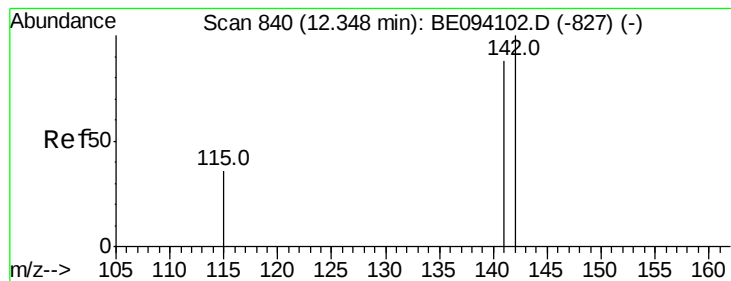
#11
2-Methylnaphthalene-d10
Concen: 0.172 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Tgt Ion:152 Resp: 2218
Ion Ratio Lower Upper
152 100
151 19.2 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: 0.023 ng

RT: 12.34 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

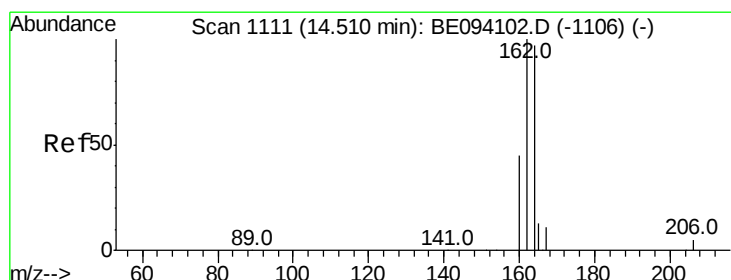
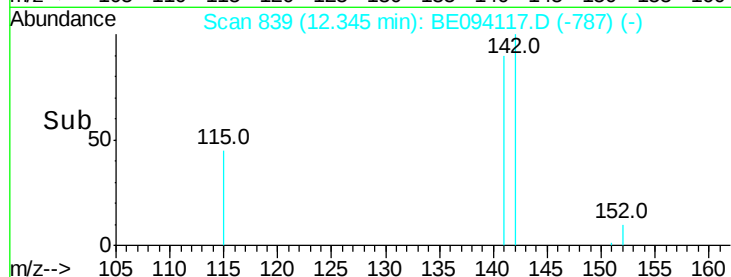
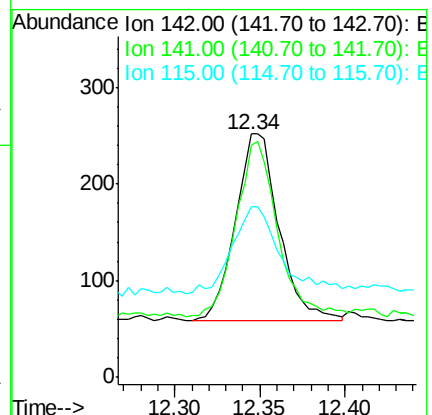
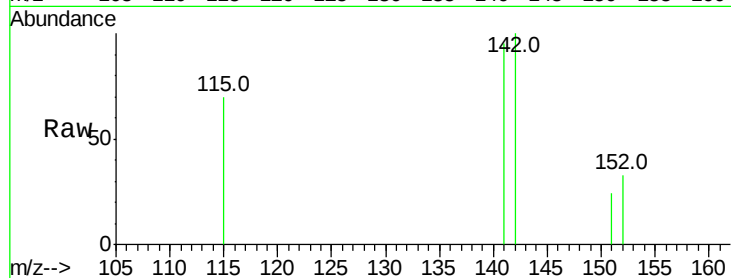
Tot Ion:142 Resp: 347

Ion Ratio Lower Upper

142 100

141 95.2 70.4 105.6

115 70.2 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: BE094117.D

Acq: 26 Sep 2017 00:16

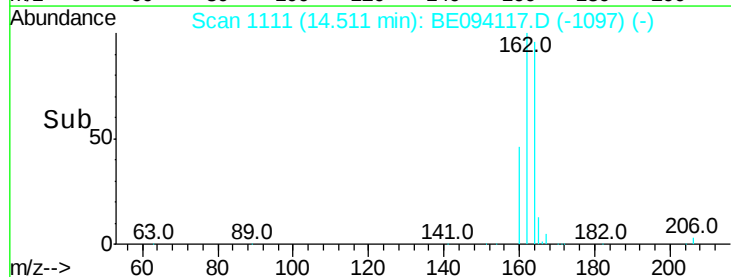
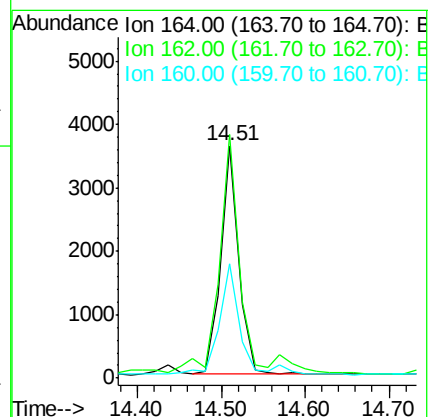
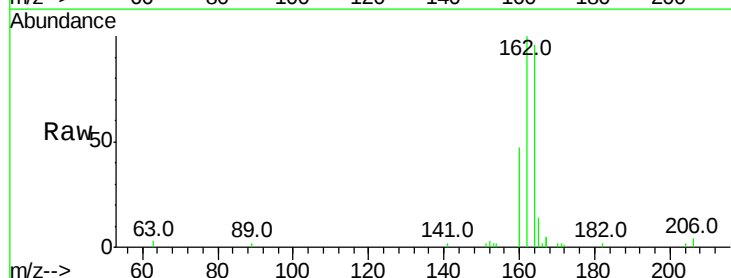
Tgt Ion:164 Resp: 5439

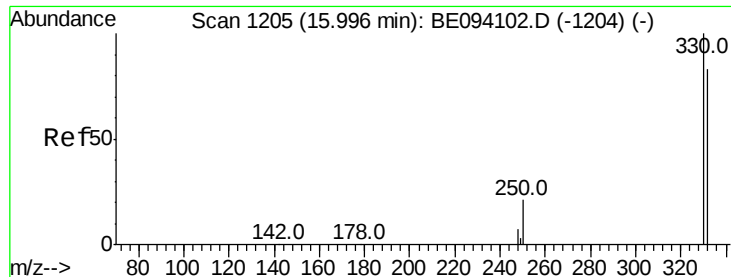
Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

160 49.1 37.1 55.7

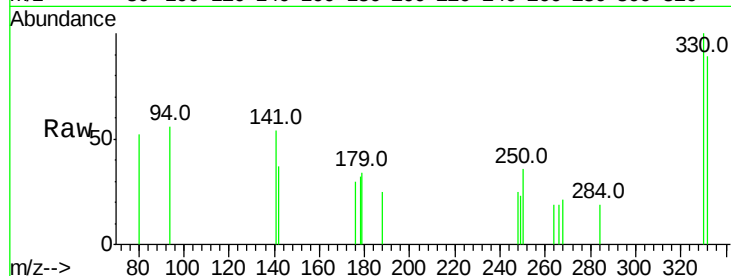




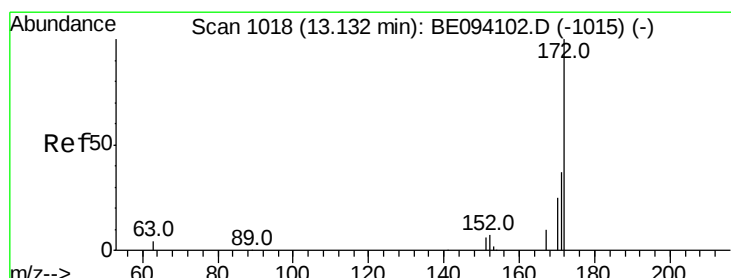
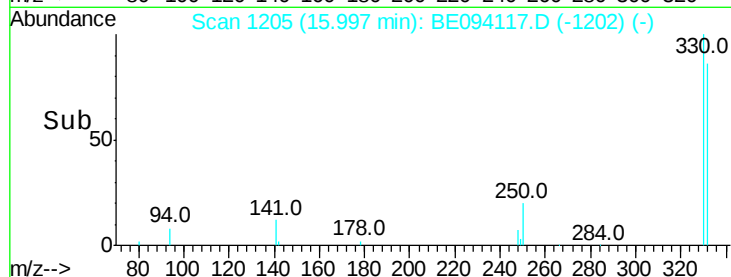
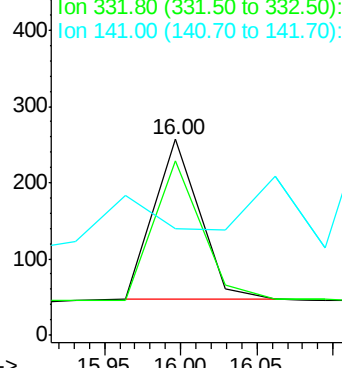
#14
 2,4,6-Tribromophenol
 Concen: 0.114 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094117.D
 Acq: 26 Sep 2017 00:16

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 440
 Ion Ratio Lower Upper
 330 100
 332 90.7 152.7 229.1#
 141 0.0 33.7 50.5#

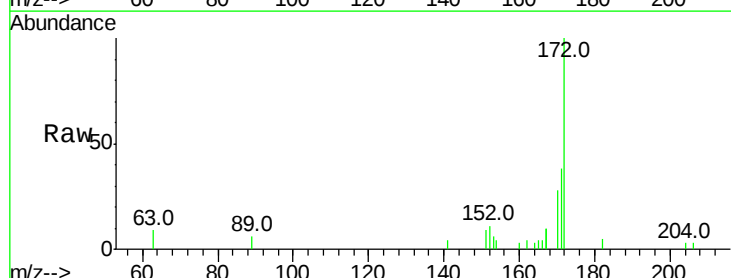


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

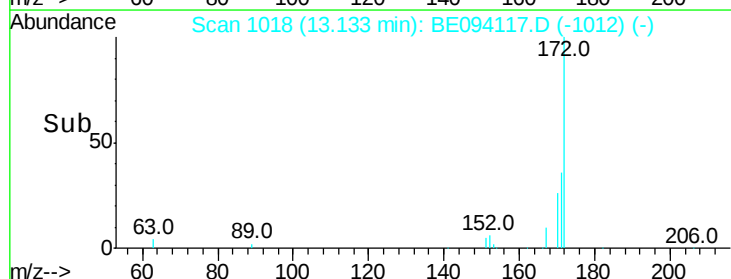
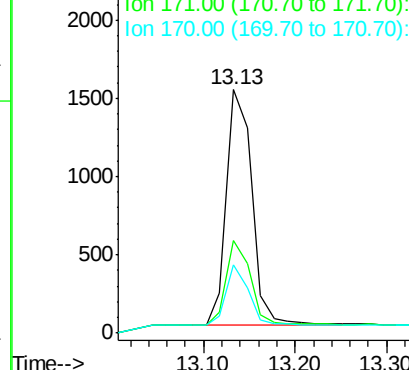


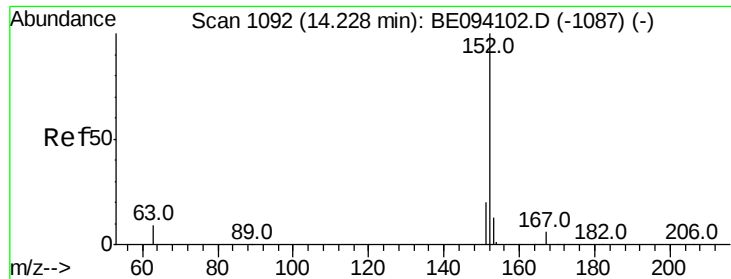
#15
 2-Fluorobiphenyl
 Concen: 0.163 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE094117.D
 Acq: 26 Sep 2017 00:16

Tgt Ion:172 Resp: 2925
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 27.9 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

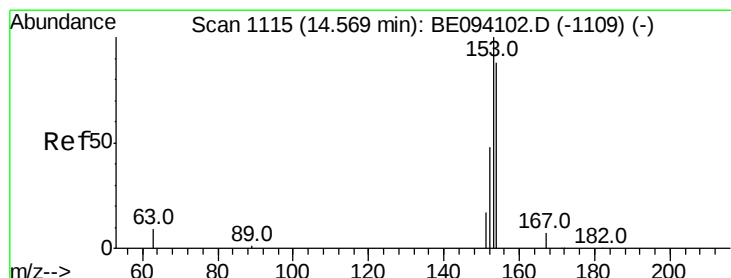
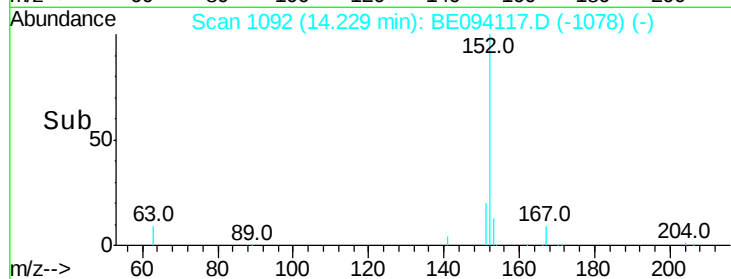
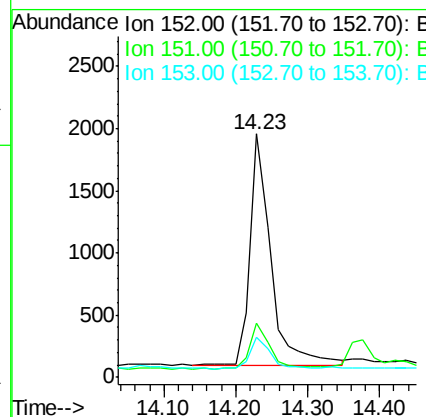
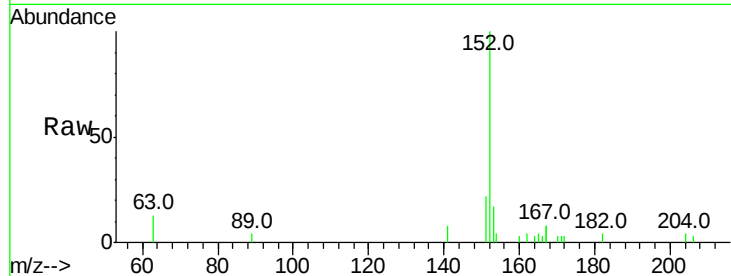




#16
Acenaphthylene
Concen: 0.138 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

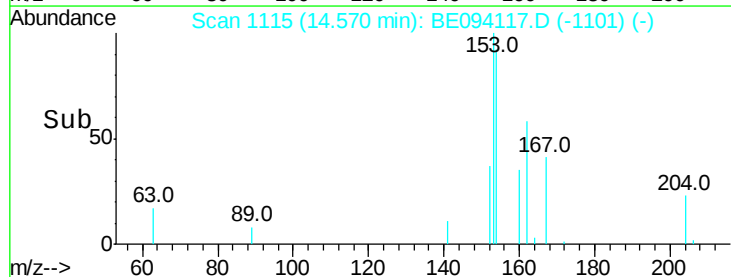
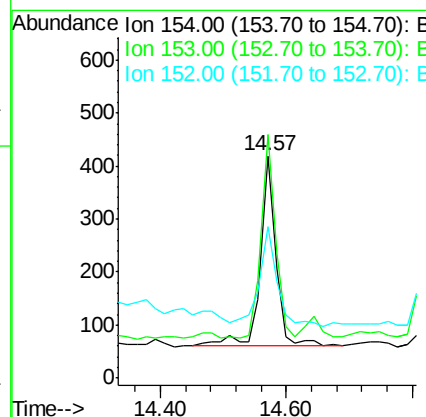
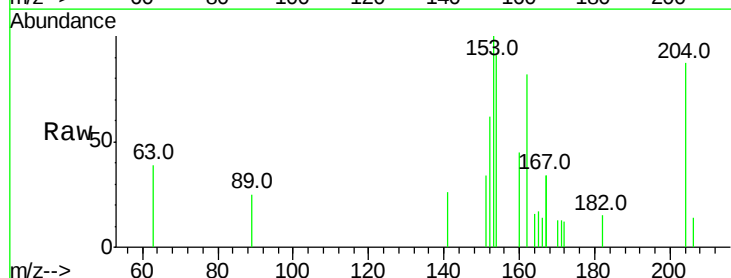
Instrument :
BNA_E
ClientSampleId :

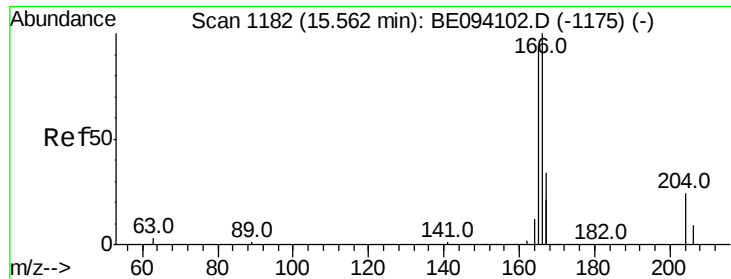
Tot Ion:152 Resp: 3760
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 14.3 10.5 15.7



#17
Acenaphthene
Concen: 0.036 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Tgt Ion:154 Resp: 621
Ion Ratio Lower Upper
154 100
153 97.1 89.2 133.8
152 59.1 42.0 63.0





#18

Fluorene

Concen: 0.050 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampled :

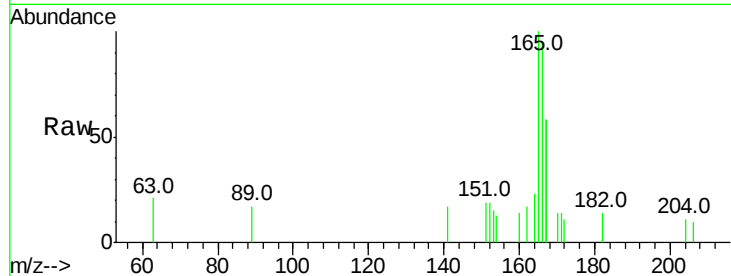
Tot Ion:166 Resp: 1165

Ion Ratio Lower Upper

166 100

165 120.9 77.8 116.6#

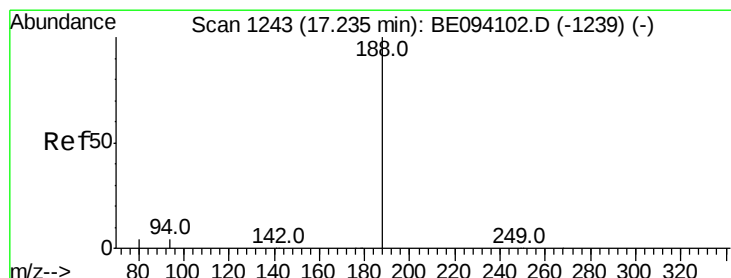
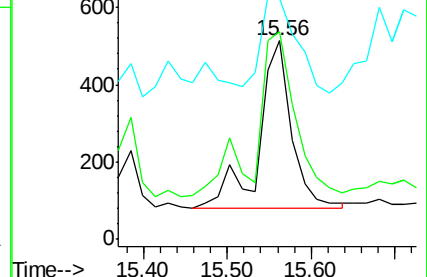
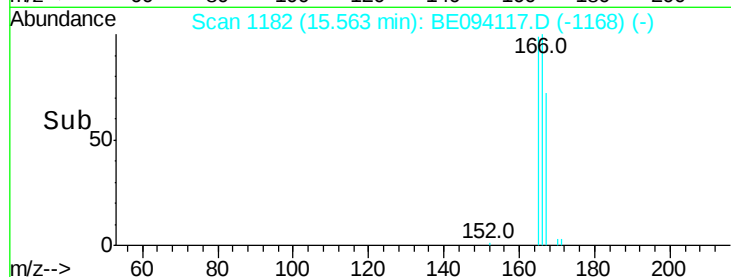
167 62.7 42.4 63.6



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: BE094117.D

Acq: 26 Sep 2017 00:16

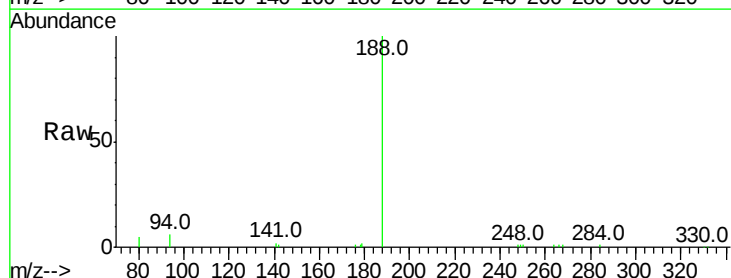
Tgt Ion:188 Resp: 20340

Ion Ratio Lower Upper

188 100

94 6.1 3.9 5.9#

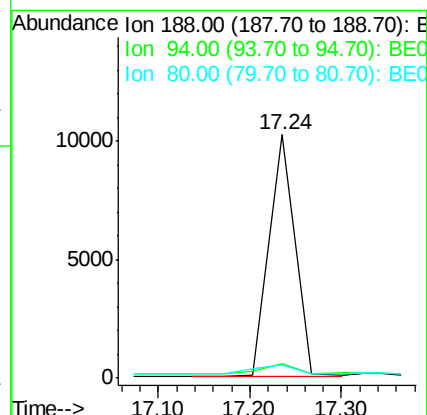
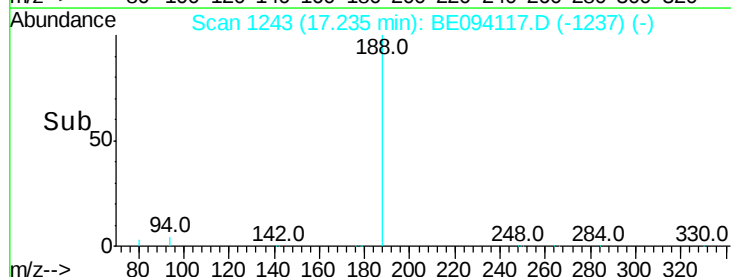
80 5.4 3.6 5.4

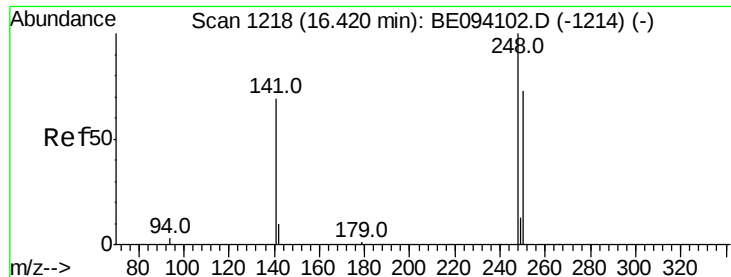


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

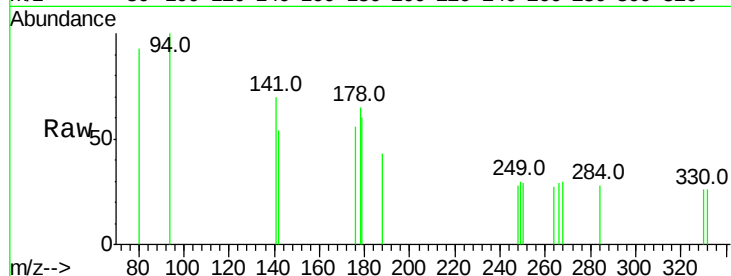




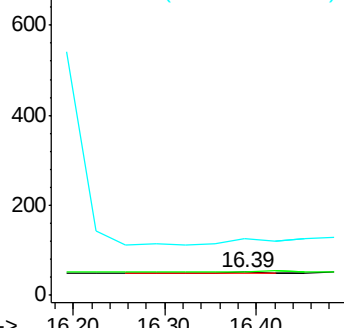
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.39 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Instrument :
BNA_E
ClientSampleId :

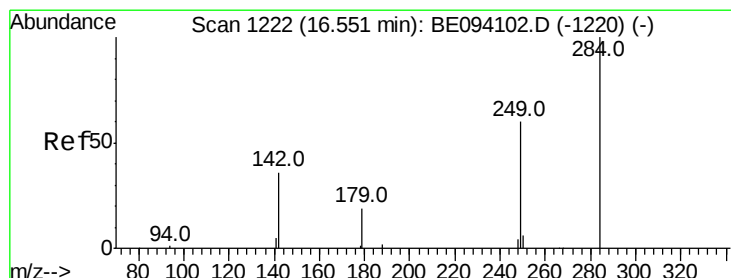
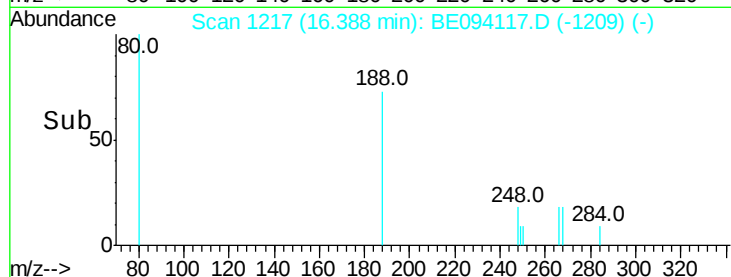
Tot Ion:248 Resp: 12
Ion Ratio Lower Upper
248 100
250 102.0 62.7 94.1#
141 249.0 48.2 72.2#



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

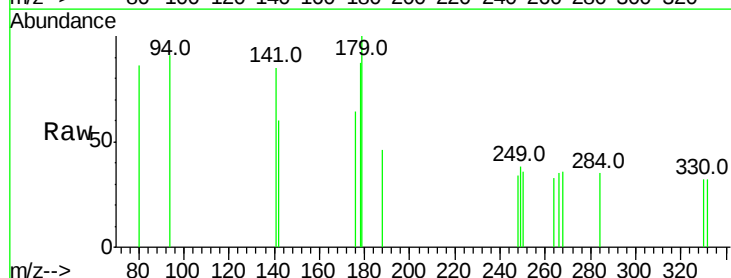


Time-->

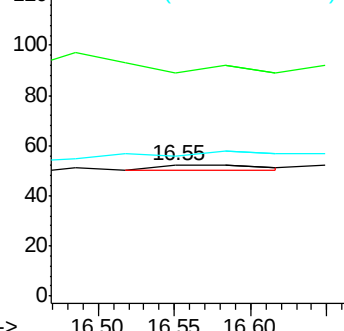


#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

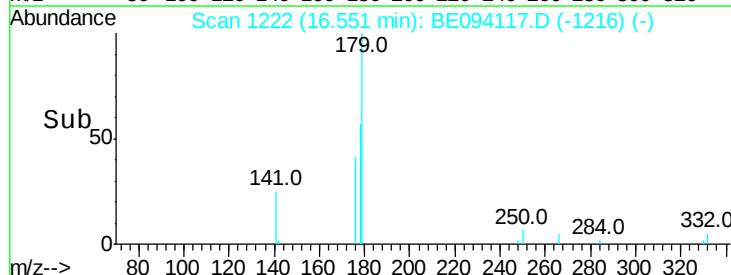
Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#

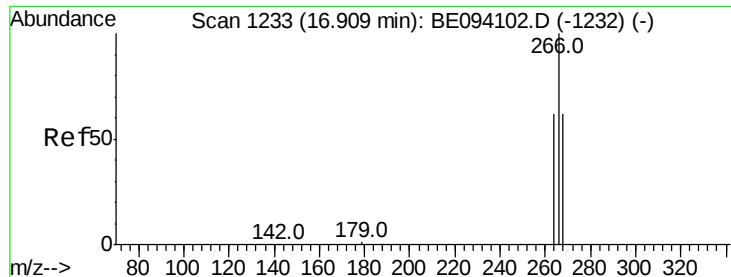


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#22

Pentachlorophenol

Concen: 0.003 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

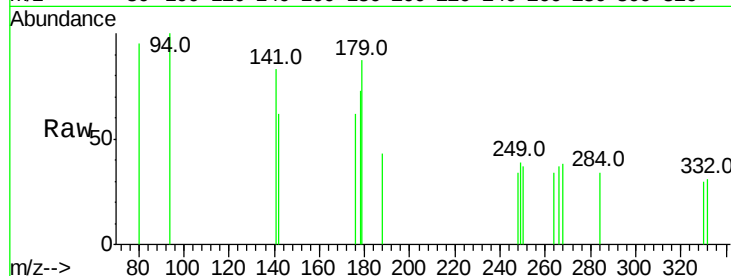
Tot Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 93.1 72.5 108.7

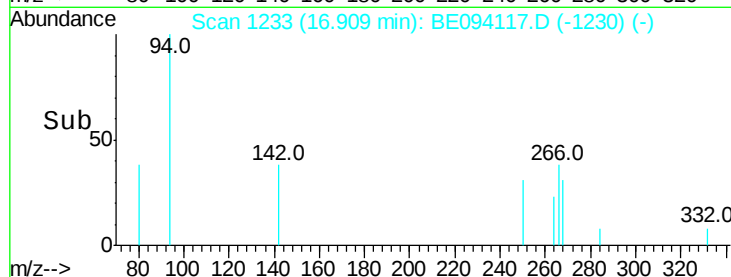
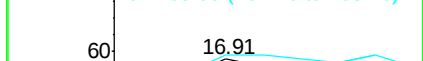
268 101.7 73.8 110.6



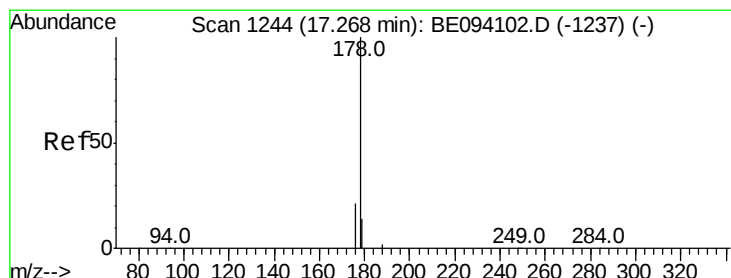
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#23

Phenanthrene

Concen: 0.656 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

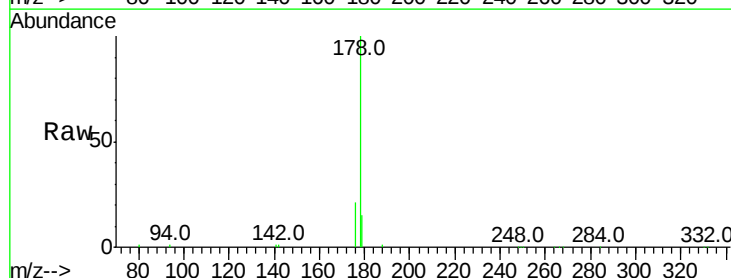
Tgt Ion:178 Resp: 34117

Ion Ratio Lower Upper

178 100

176 20.9 15.1 22.7

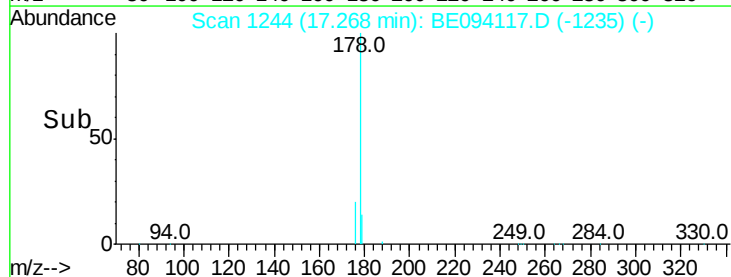
179 15.3 11.8 17.6



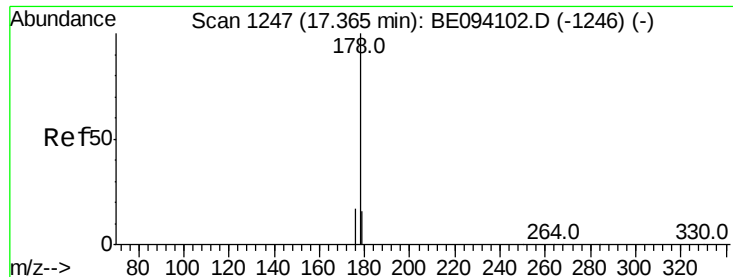
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.093 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

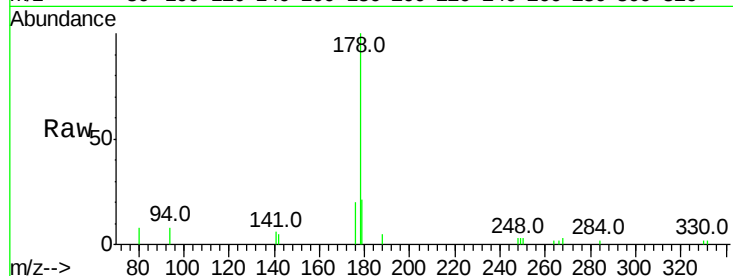
Tot Ion:178 Resp: 5089

Ion Ratio Lower Upper

178 100

176 15.0 12.8 19.2

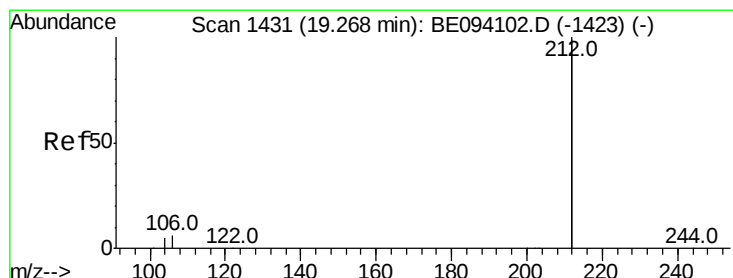
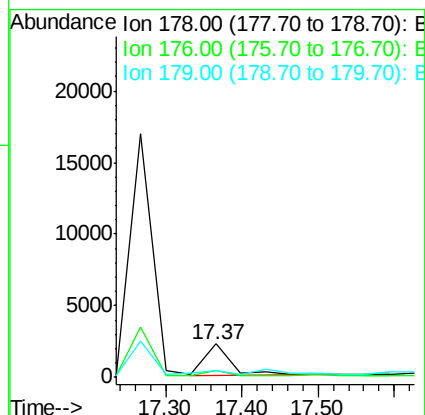
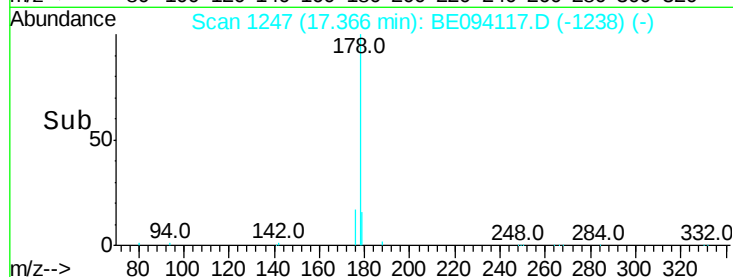
179 11.7 13.0 19.6#



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: 0.135 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

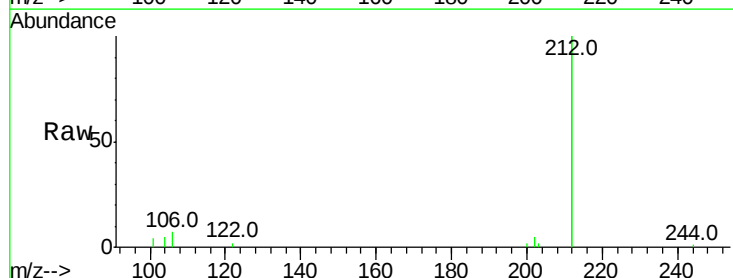
Tgt Ion:212 Resp: 26642

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

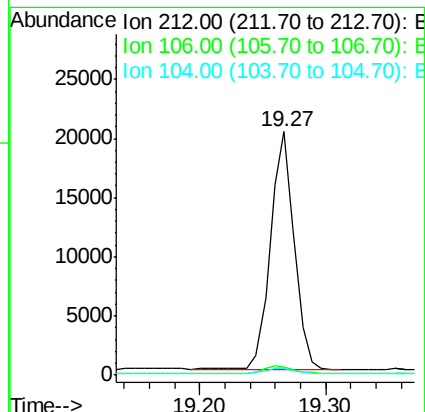
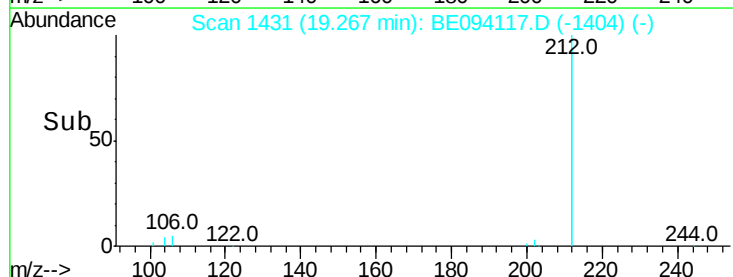
104 2.9 1.6 2.4#

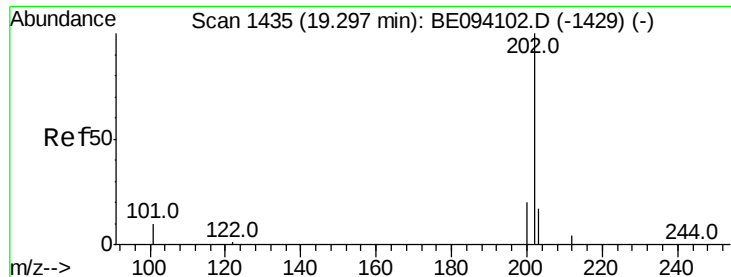


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

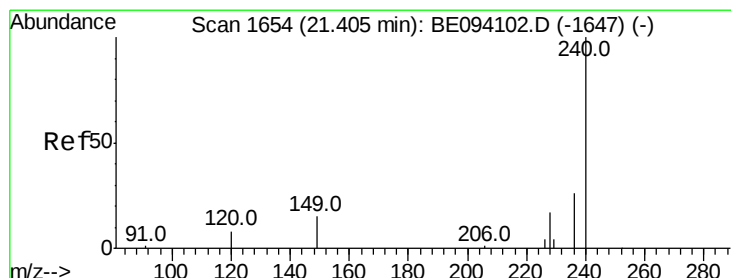
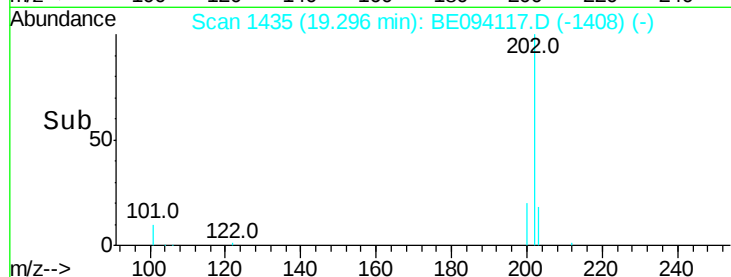
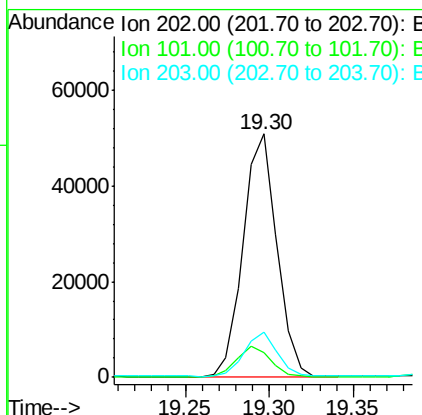
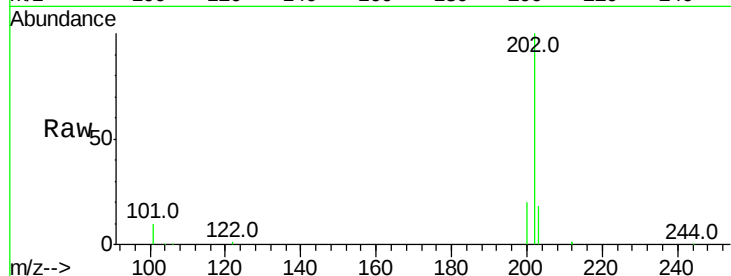




#26
 Fluoranthene
 Concen: 1.212 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE094117.D
 Acq: 26 Sep 2017 00:16

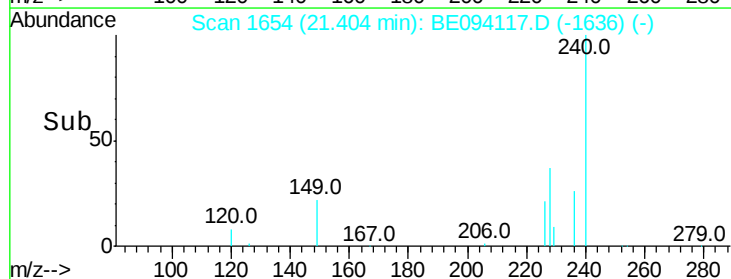
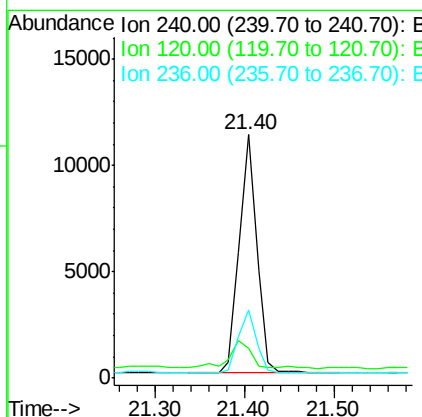
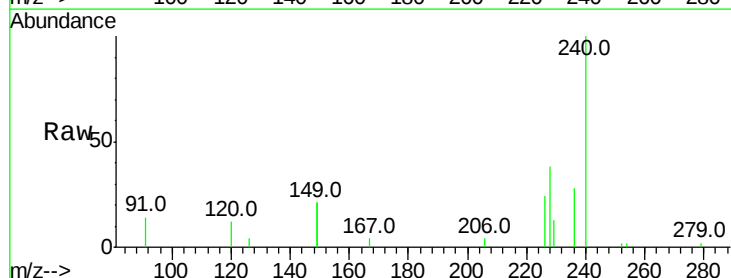
Instrument :
 BNA_E
 ClientSampleId :

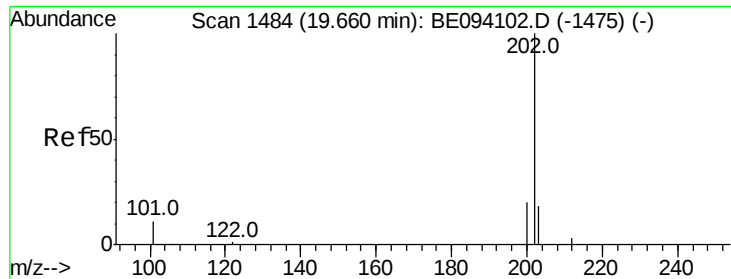
Tot Ion:202 Resp: 70684
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.8
 203 17.4 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094117.D
 Acq: 26 Sep 2017 00:16

Tgt Ion:240 Resp: 15505
 Ion Ratio Lower Upper
 240 100
 120 12.2 5.5 8.3#
 236 27.9 20.7 31.1

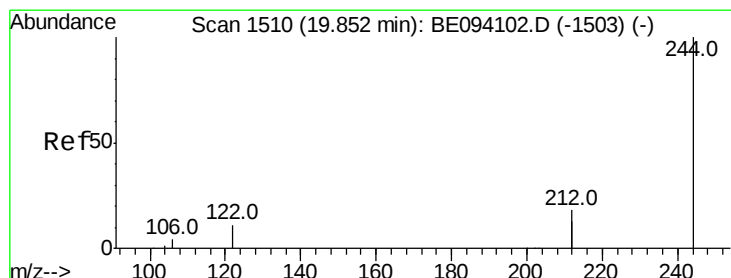
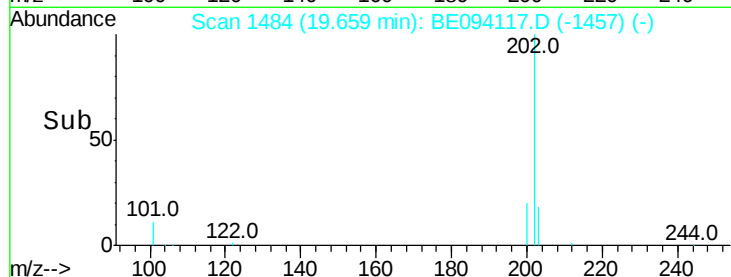
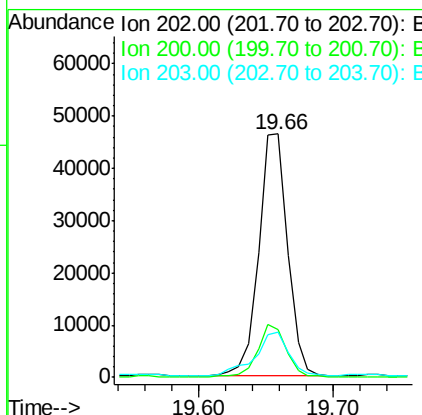
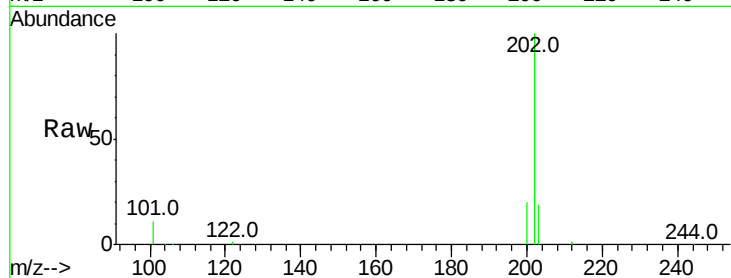




#28
Pvrene
Concen: 1.418 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

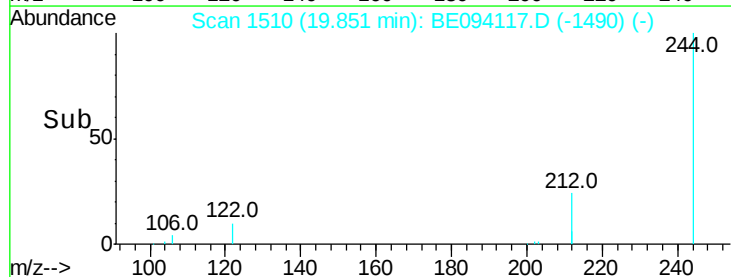
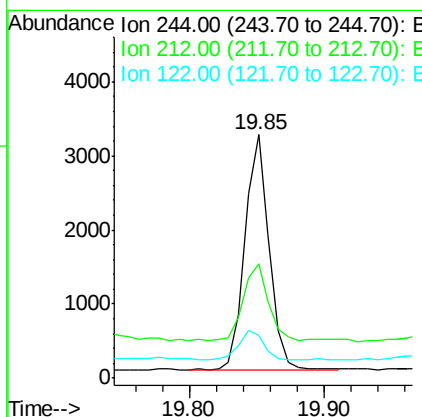
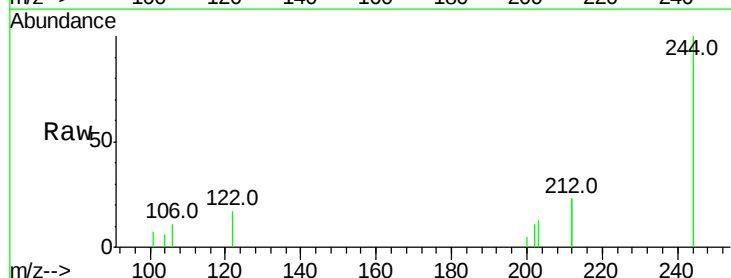
Instrument :
BNA_E
ClientSampleId :

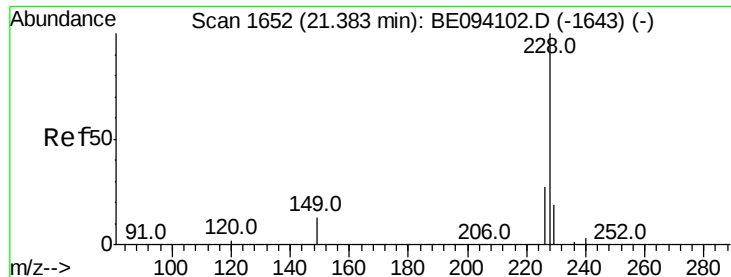
Tot Ion:202 Resp: 69669
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 21.2 13.8 20.8#



#29
Terphenyl-d14
Concen: 0.140 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Tgt Ion:244 Resp: 3948
Ion Ratio Lower Upper
244 100
212 46.8 25.4 38.0#
122 17.4 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.617 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

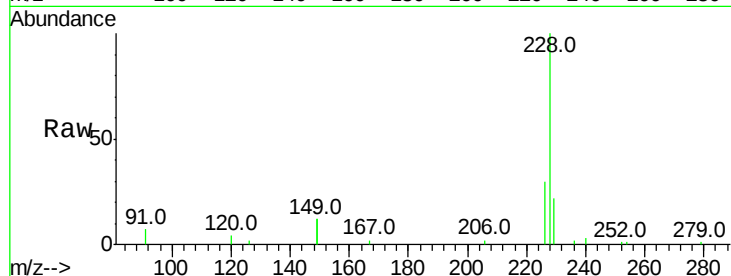
Tot Ion:228 Resp: 32233

Ion Ratio Lower Upper

228 100

226 29.5 21.4 32.0

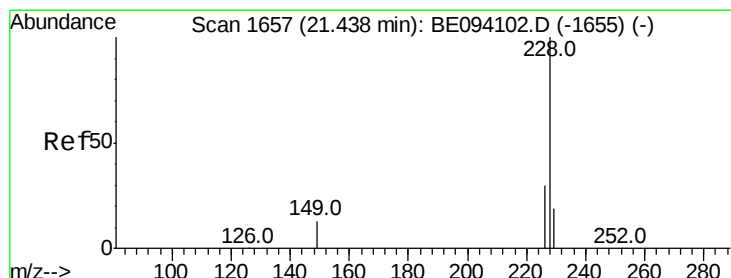
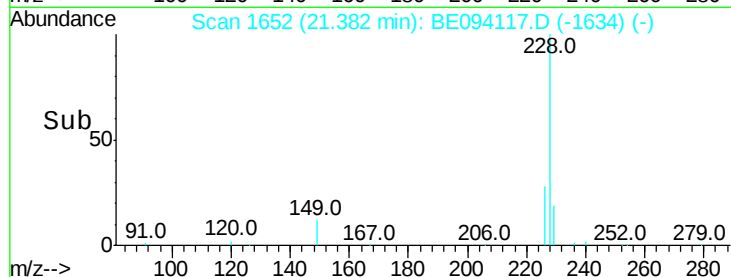
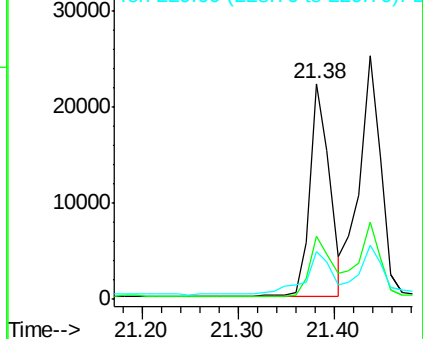
229 21.9 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.774 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

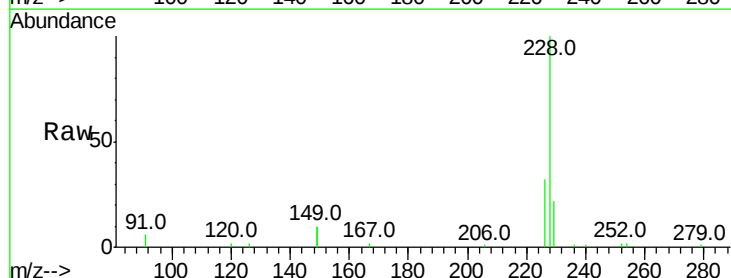
Tgt Ion:228 Resp: 38982

Ion Ratio Lower Upper

228 100

226 31.7 23.6 35.4

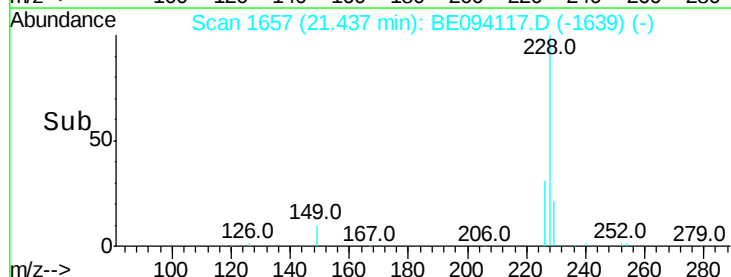
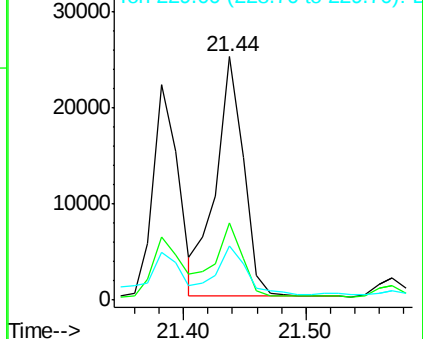
229 22.4 16.4 24.6

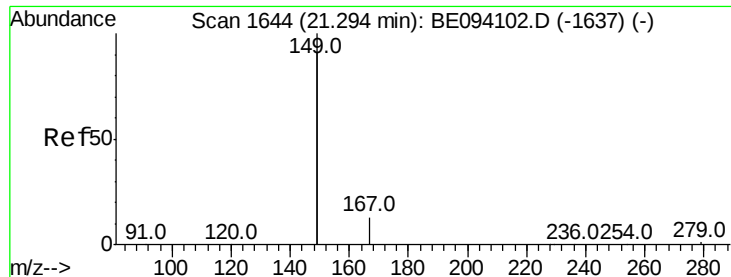


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

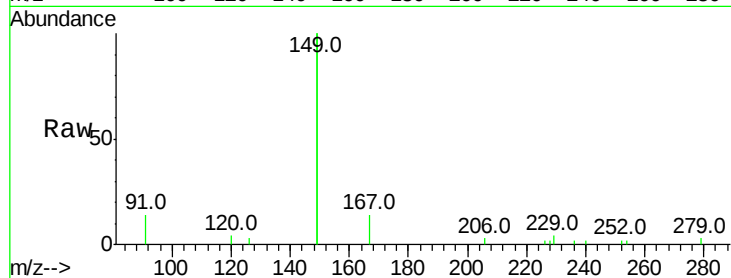
Tot Ion:149 Resp: 28898

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

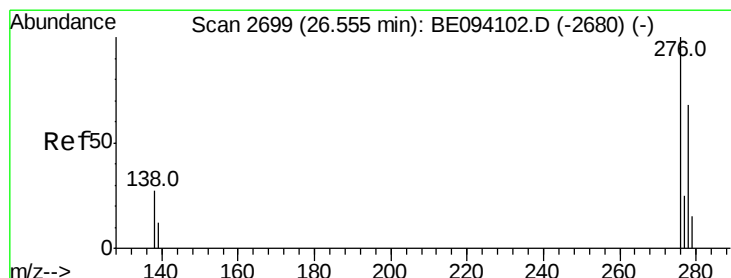
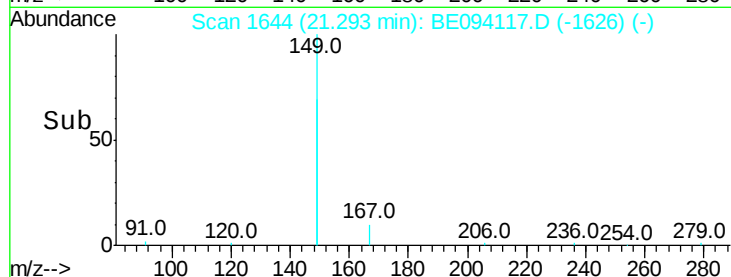
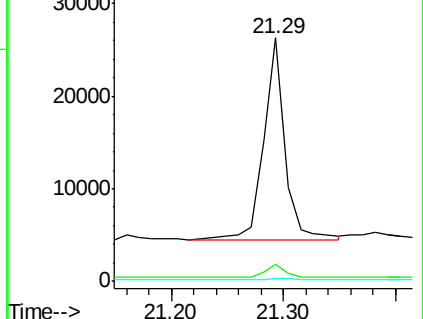
279 0.8 0.7 1.1



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: 0.407 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

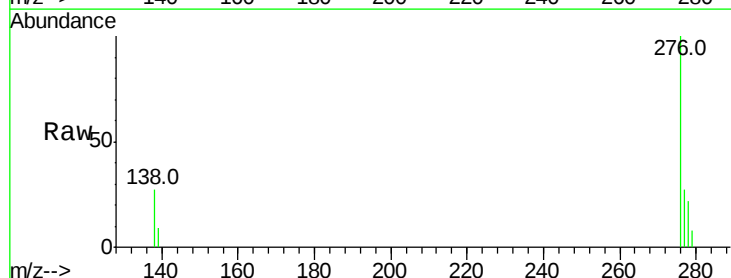
Tgt Ion:276 Resp: 21953

Ion Ratio Lower Upper

276 100

138 25.0 22.5 33.7

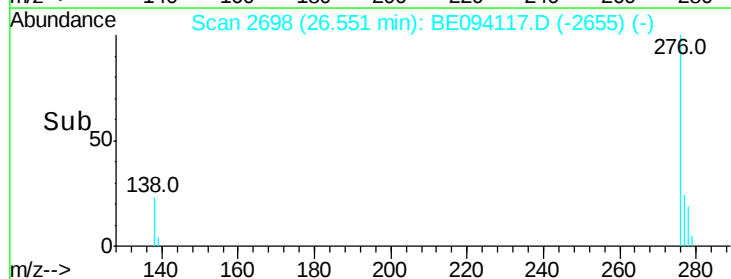
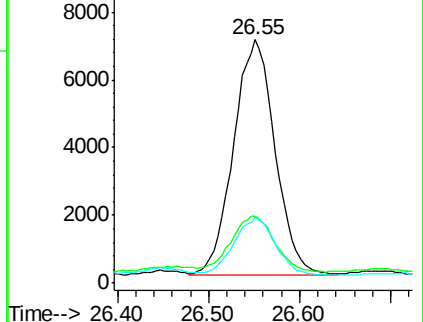
277 24.8 19.9 29.9

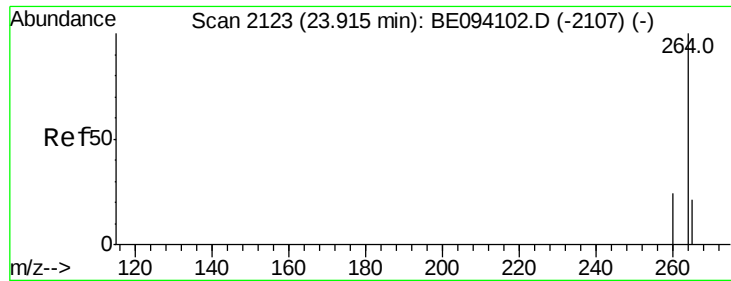


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

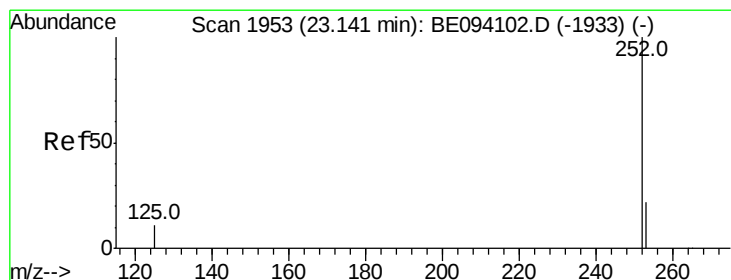
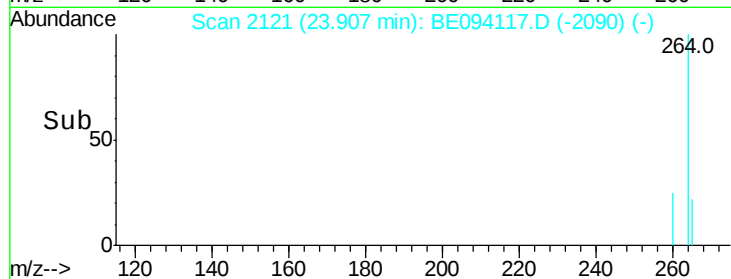
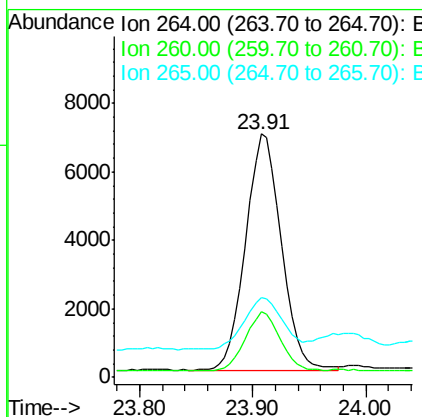
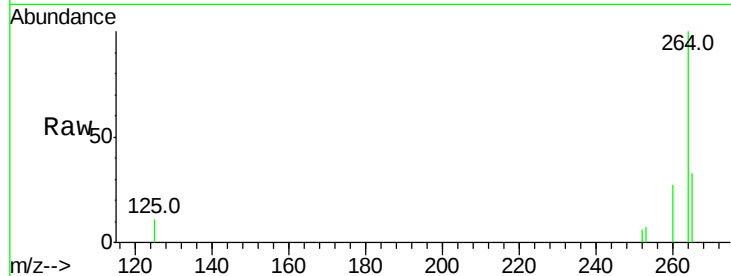




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE094117.D
 Acq: 26 Sep 2017 00:16

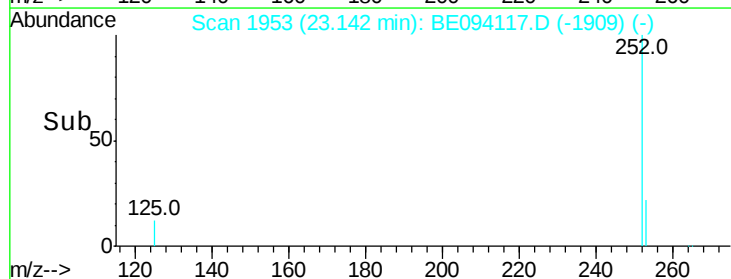
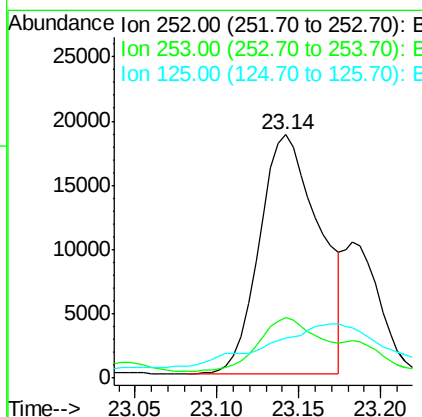
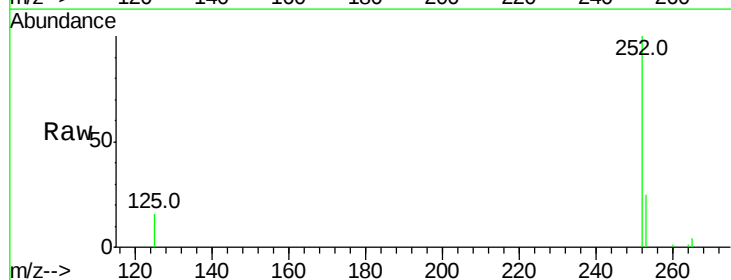
Instrument :
 BNA_E
 ClientSampleId :

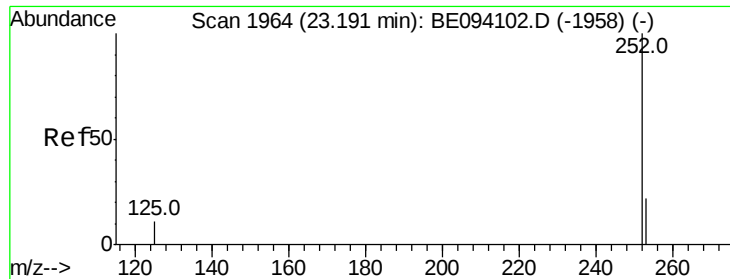
Tot Ion:264 Resp: 14875
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.5 30.7
 265 33.0 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.884 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BE094117.D
 Acq: 26 Sep 2017 00:16

Tgt Ion:252 Resp: 47420
 Ion Ratio Lower Upper
 252 100
 253 24.7 18.2 27.2
 125 16.4 10.1 15.1#





#36

Benzo(k)fluoranthene

Concen: 0.923 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

Instrument :

BNA_E

ClientSampleId :

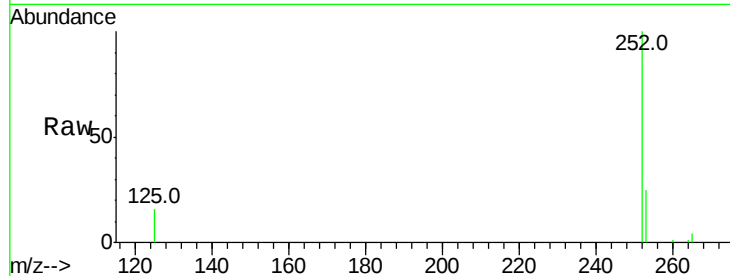
Tot Ion:252 Resp: 47420

Ion Ratio Lower Upper

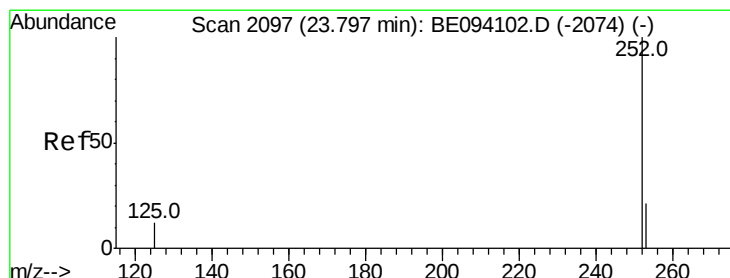
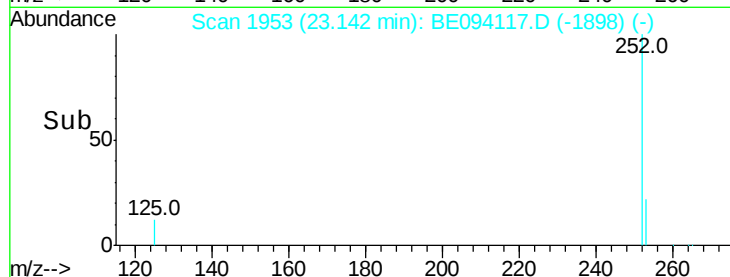
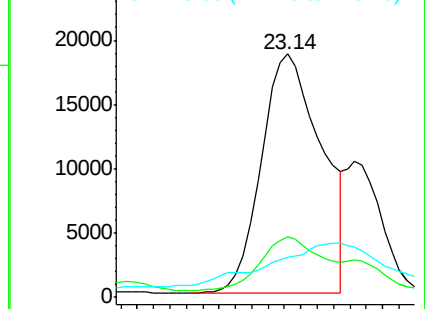
252 100

253 24.7 18.6 27.8

125 16.4 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: 0.661 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094117.D

Acq: 26 Sep 2017 00:16

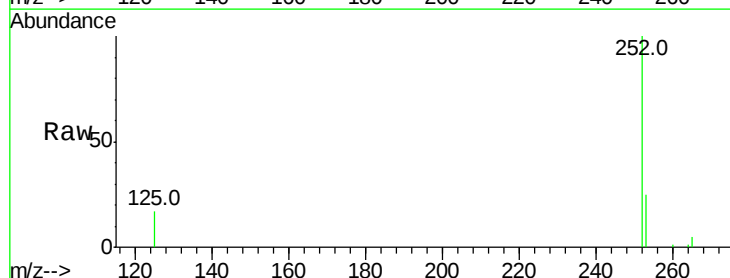
Tgt Ion:252 Resp: 32056

Ion Ratio Lower Upper

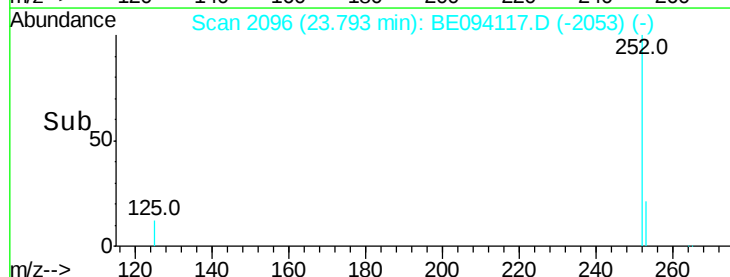
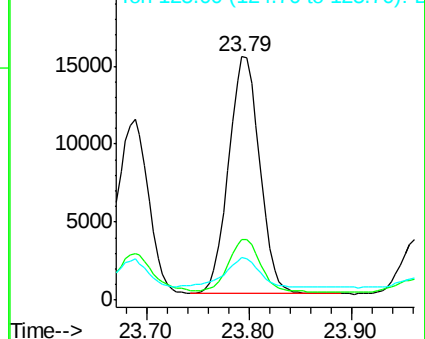
252 100

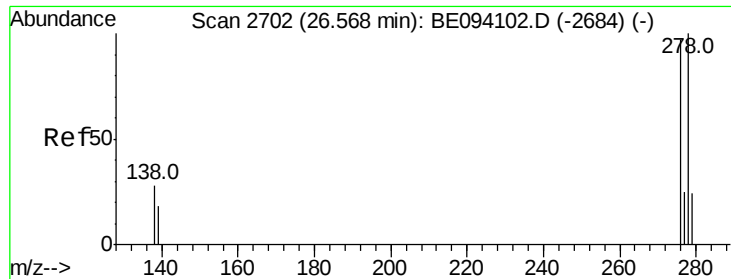
253 24.9 19.0 28.6

125 17.3 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

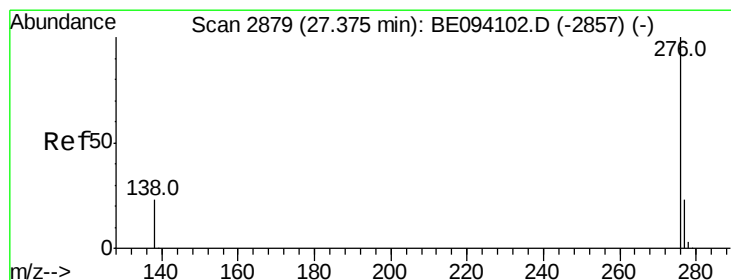
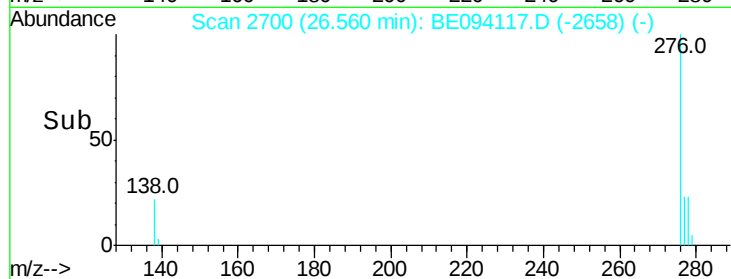
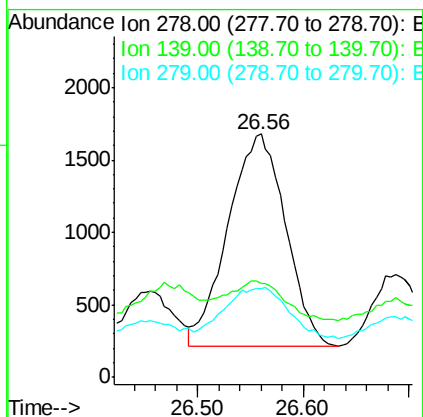
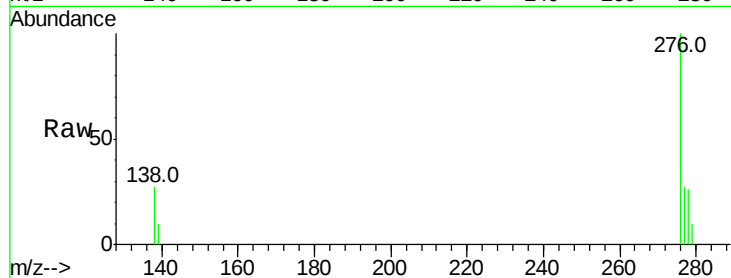




#38
Dibenzo(a,h)anthracene
Concen: 0.120 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 5517
Ion Ratio Lower Upper
278 100
139 38.3 16.3 24.5#
279 36.5 19.9 29.9#



#39
Benzo(g,h,i)perylene
Concen: 0.498 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094117.D
Acq: 26 Sep 2017 00:16

Tgt Ion:276 Resp: 22633
Ion Ratio Lower Upper
276 100
277 26.1 20.8 31.2
138 28.9 21.5 32.3

