

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094097.D
 Acq On : 24 Sep 2017 2:57
 Operator : SJ/JU
 Sample : I5340-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 08:50:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 07:59:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2709	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14531	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8302	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	22152	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15025	0.40	ng	0.00
34) Perylene-d12	23.91	264	14594	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	2908	0.09	ng	0.00
5) Phenol-d6	7.09	99	4505	0.28	ng	0.00
8) Nitrobenzene-d5	9.06	82	4117	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	6043	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1836	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	8347	0.31	ng	0.00
25) Fluoranthene-d10	19.27	212	37679	0.13	ng	0.00
29) Terphenyl-d14	19.85	244	5466	0.23	ng	0.00

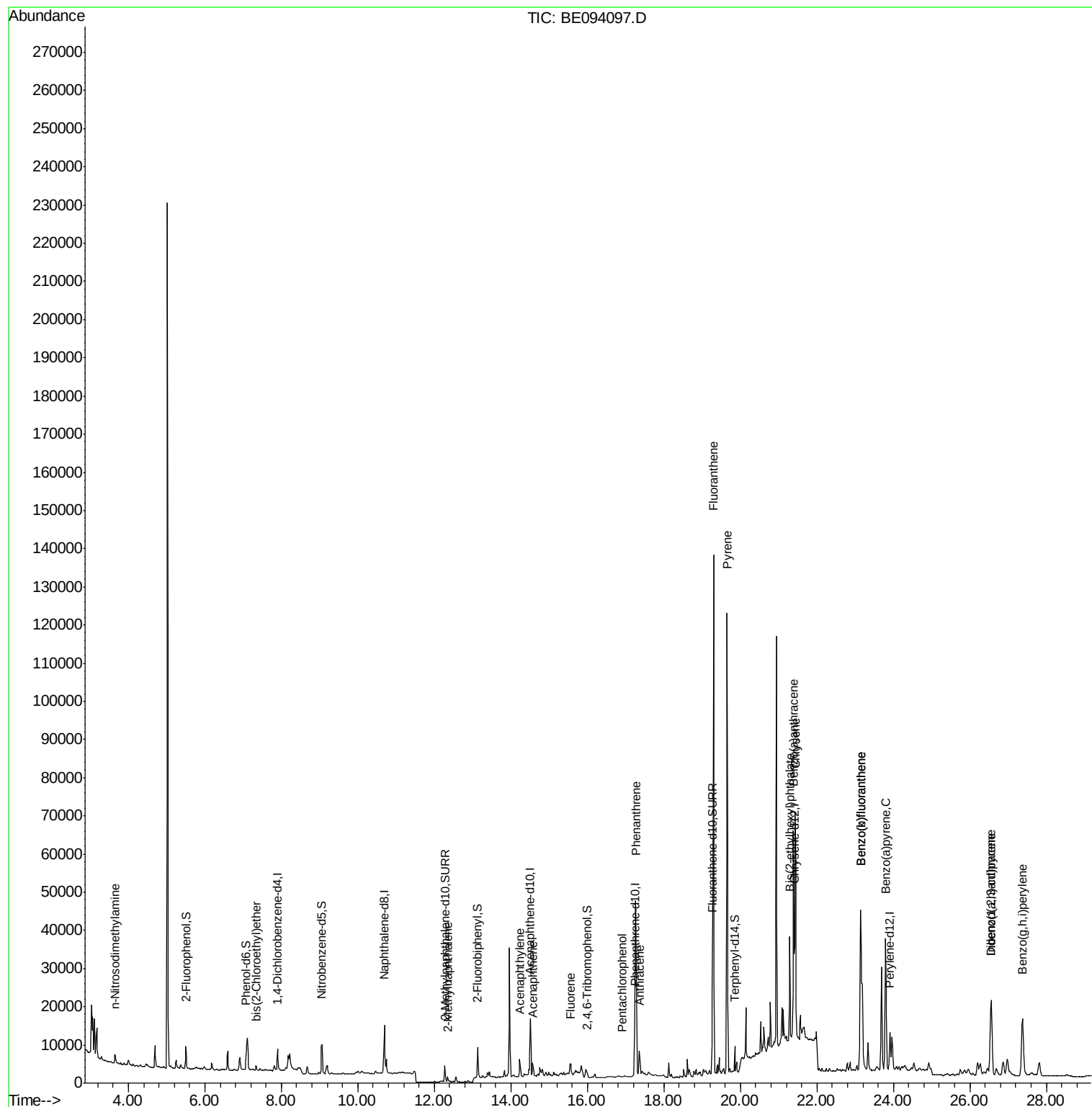
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.65	42	726	0.066	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	1572	0.131	ng	# 1
9) Naphthalene	10.74	128	6196	Below Cal		# 96
12) 2-Methylnaphthalene	12.35	142	832	0.028	ng	# 84
16) Acenaphthylene	14.23	152	6377	0.153	ng	98
17) Acenaphthene	14.57	154	1564	0.056	ng	95
18) Fluorene	15.56	166	2637	0.064	ng	87
22) Pentachlorophenol	16.91	266	92	0.031	ng	96
23) Phenanthrene	17.27	178	68599	0.865	ng	97
24) Anthracene	17.37	178	11323	0.185	ng	# 95
26) Fluoranthene	19.30	202	121613	1.428	ng	99
28) Pyrene	19.66	202	117269	2.821	ng	# 95
30) Benzo(a)anthracene	21.38	228	55416	1.101	ng	96
31) Chrysene	21.44	228	59552	1.208	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	29656	0.219	ng	99
33) Indeno(1,2,3-cd)pyrene	26.56	276	36151	0.948	ng	96
35) Benzo(b)fluoranthene	23.14	252	77813	1.473	ng	96
36) Benzo(k)fluoranthene	23.14	252	77813	1.468	ng	98
37) Benzo(a)pyrene	23.80	252	54735	1.154	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	9275	0.244	ng	# 76
39) Benzo(g,h,i)perylene	27.38	276	36569	0.963	ng	99

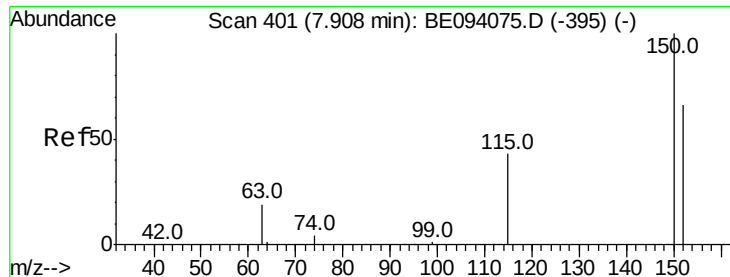
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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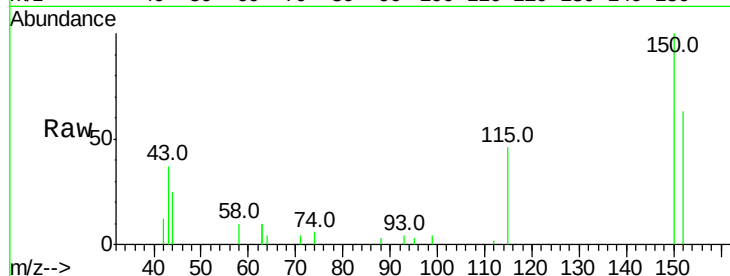


#1

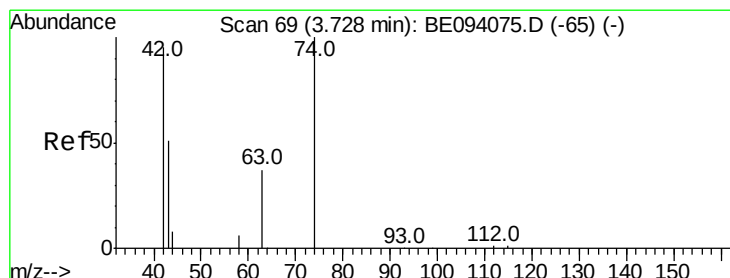
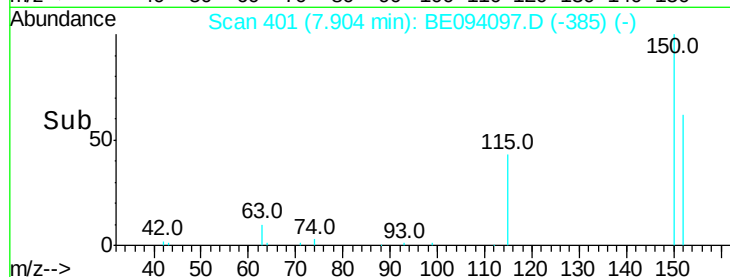
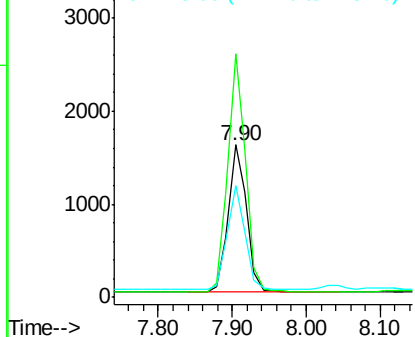
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2709
Ion Ratio Lower Upper
152 100
150 159.5 117.2 175.8
115 73.0 57.0 85.6



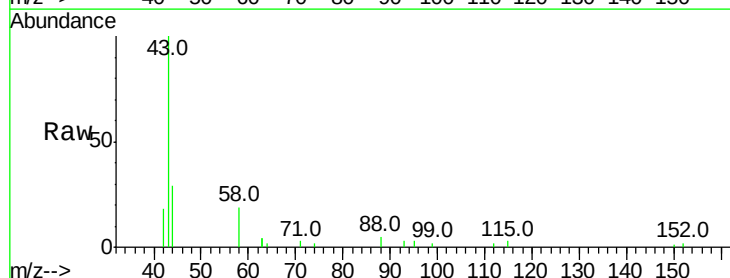
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



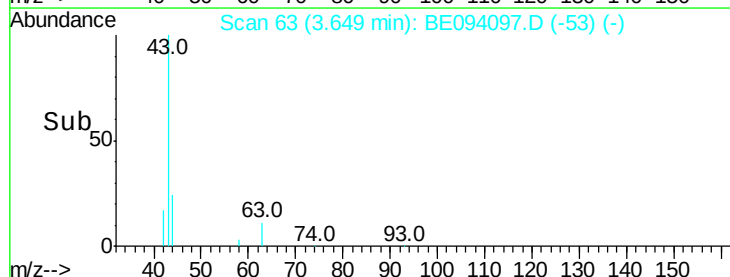
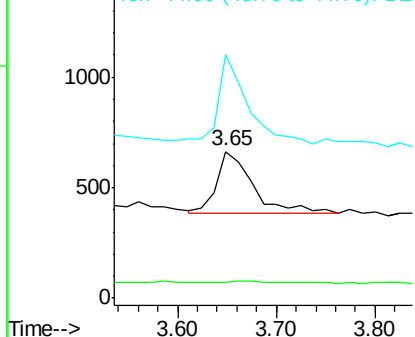
#3

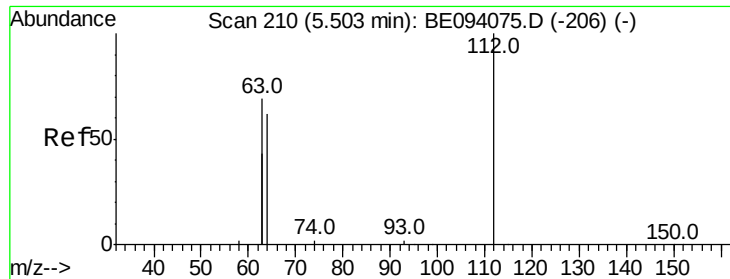
n-Nitrosodimethylamine
Concen: 0.066 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.08 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion: 42 Resp: 726
Ion Ratio Lower Upper
42 100
74 0.0 100.3 150.5#
44 117.2 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: 0.093 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampled :

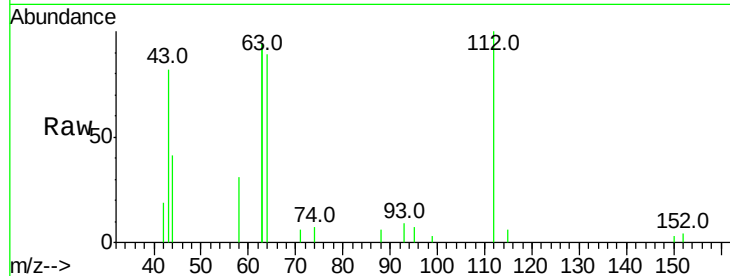
Tot Ion:112 Resp: 2908

Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

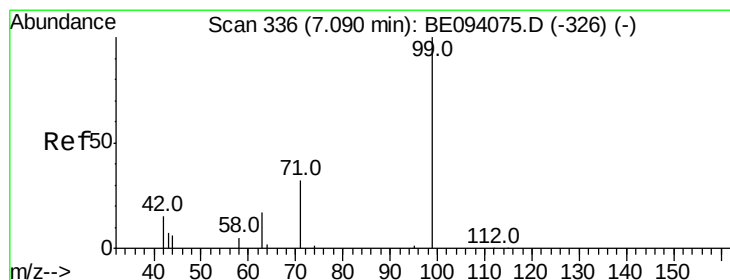
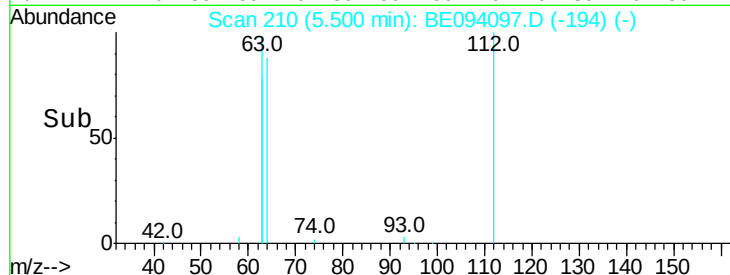
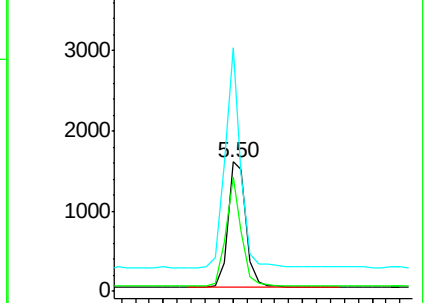
63 147.9 116.8 175.2



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: 0.281 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

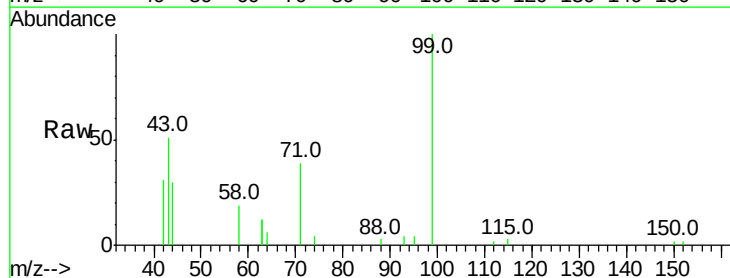
Tgt Ion: 99 Resp: 4505

Ion Ratio Lower Upper

99 100

42 30.5 20.2 30.2#

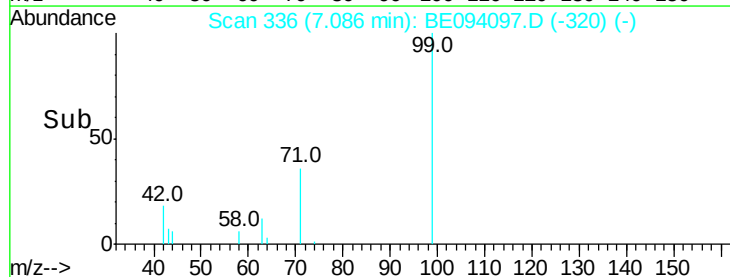
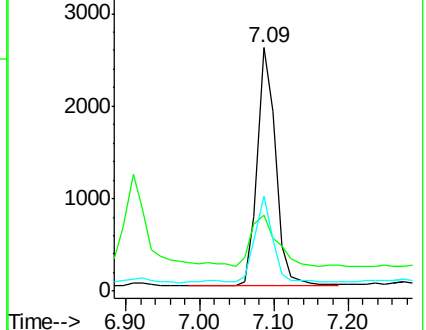
71 37.5 28.4 42.6

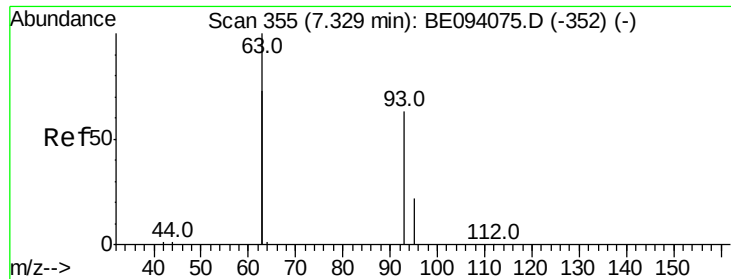


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.131 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

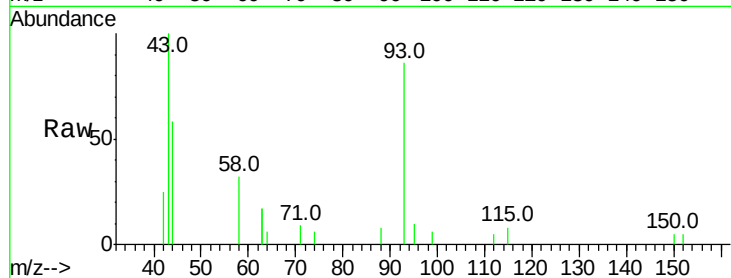
Tot Ion: 93 Resp: 1572

Ion Ratio Lower Upper

93 100

63 12.0 275.3 412.9#

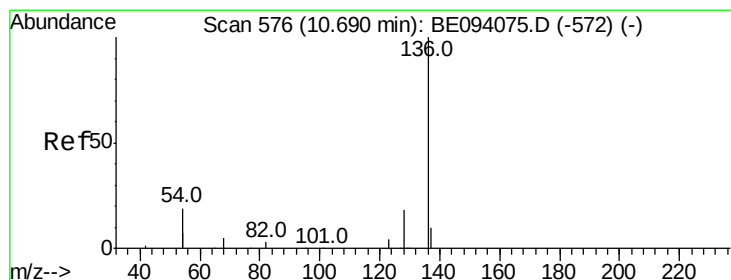
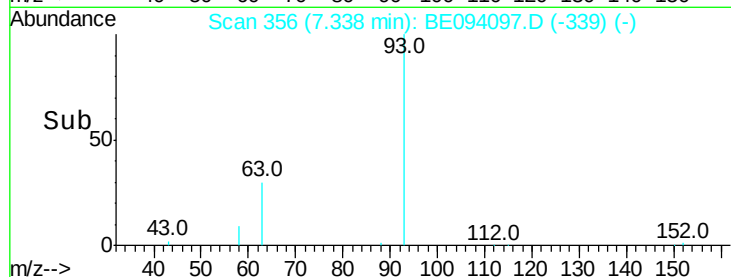
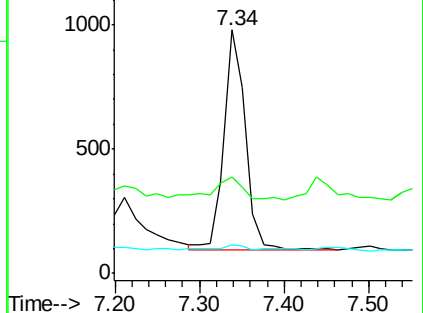
95 1.5 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Tgt Ion: 136 Resp: 14531

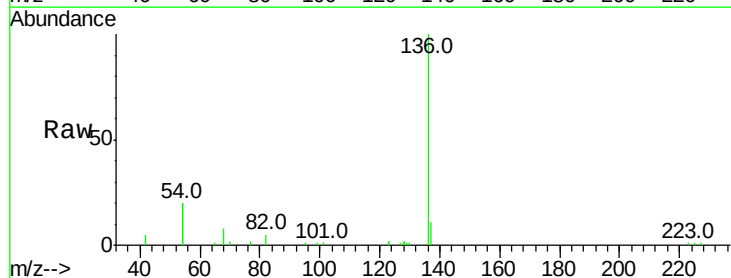
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 40.9 29.1 43.7

68 8.2 6.2 9.2

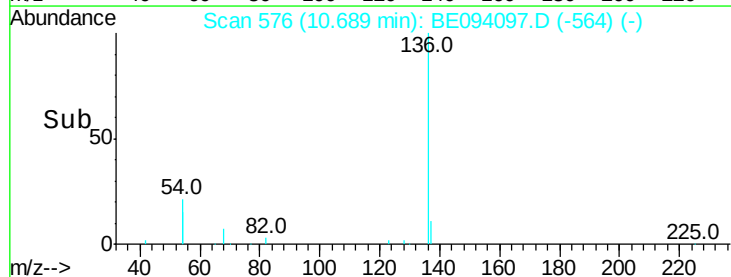
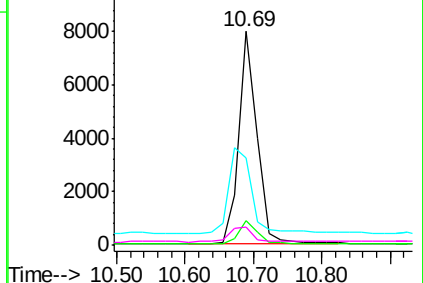


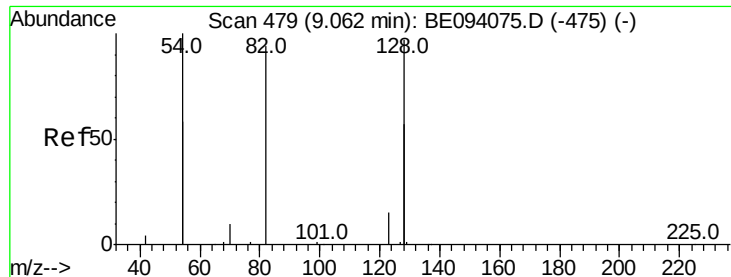
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

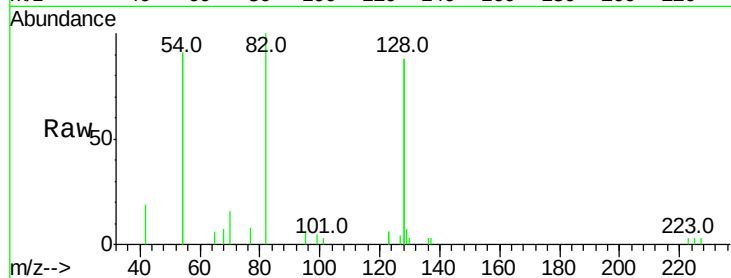
Tot Ion: 82 Resp: 4117

Ion Ratio Lower Upper

82 100

128 175.5 150.0 225.0

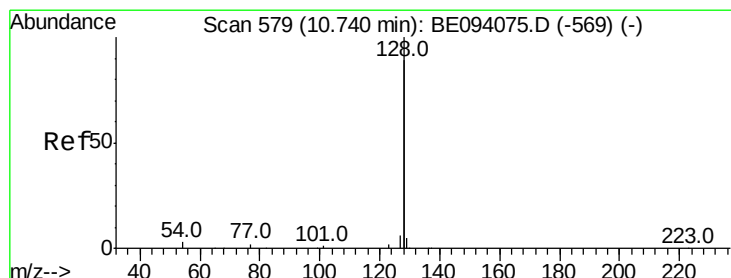
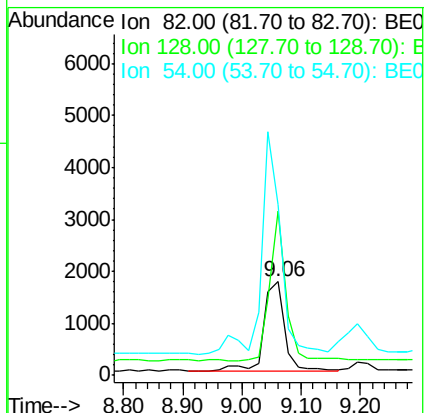
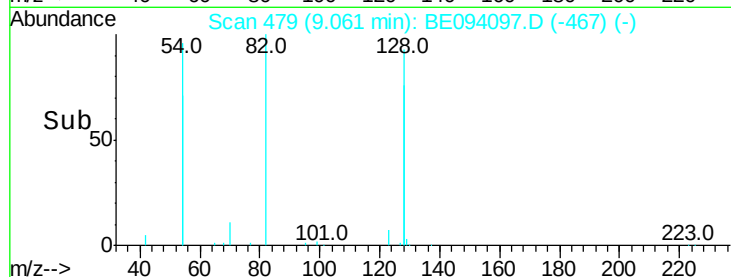
54 182.9 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094097.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094097.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094097.D (-467) (-)



#9

Naphthalene

Concen: Below Cal

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

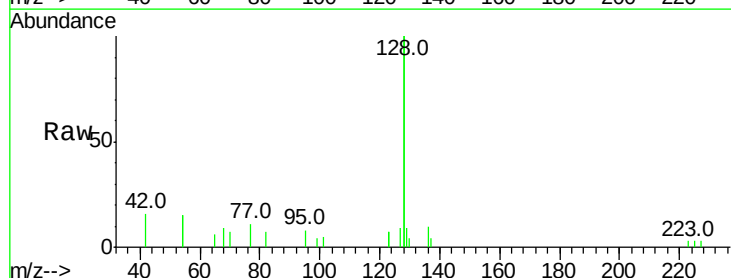
Tgt Ion: 128 Resp: 6196

Ion Ratio Lower Upper

128 100

129 4.6 2.6 3.8#

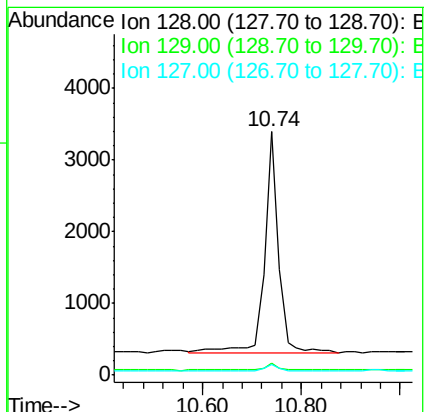
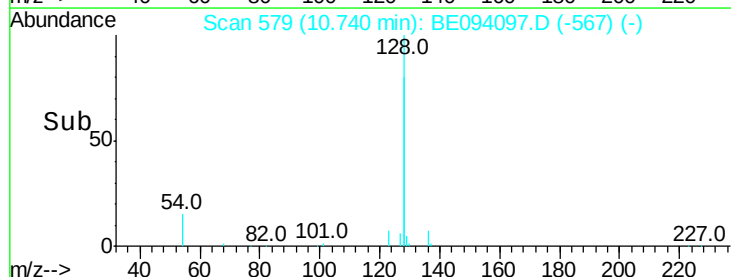
127 4.6 2.8 4.2#

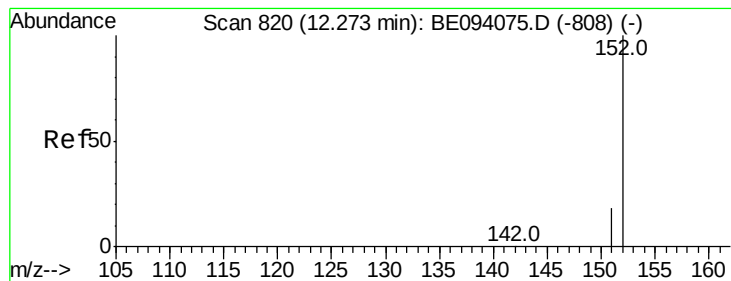


Abundance Ion 128.00 (127.70 to 128.70): BE094097.D (-567) (-)

Ion 129.00 (128.70 to 129.70): BE094097.D (-567) (-)

Ion 127.00 (126.70 to 127.70): BE094097.D (-567) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.245 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

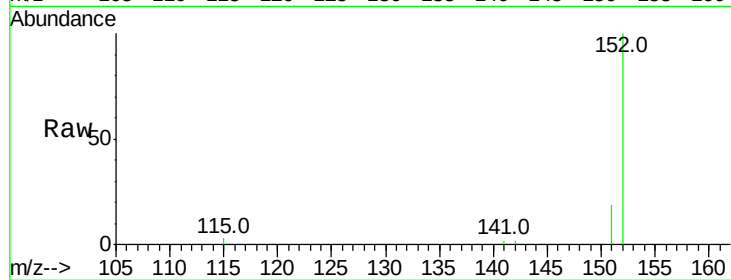
ClientSampleId :

Tot Ion:152 Resp: 6043

Ion Ratio Lower Upper

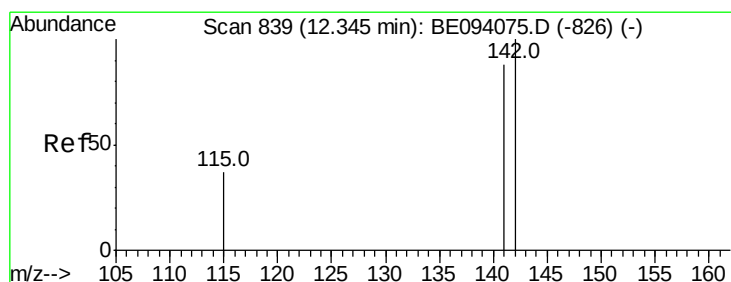
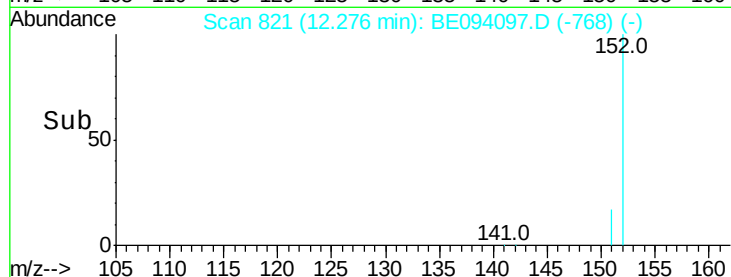
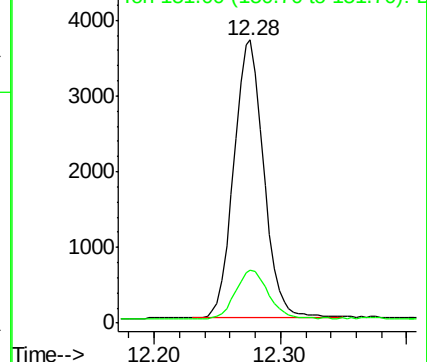
152 100

151 19.5 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: 0.028 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

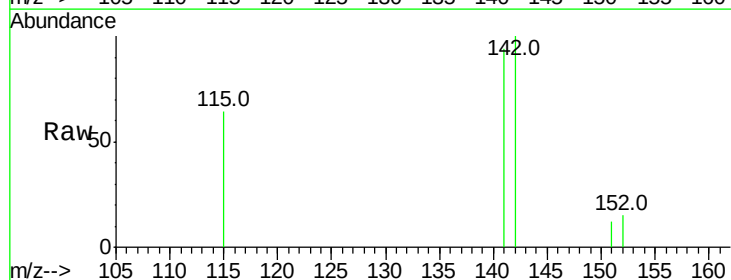
Tgt Ion:142 Resp: 832

Ion Ratio Lower Upper

142 100

141 93.6 70.4 105.6

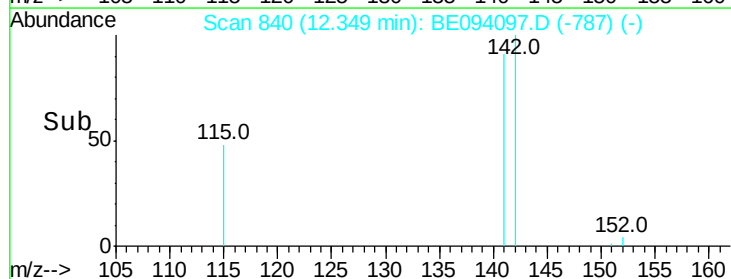
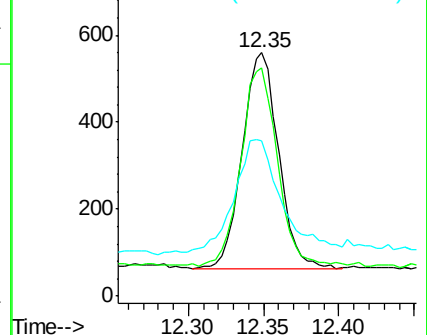
115 63.9 31.7 47.5#

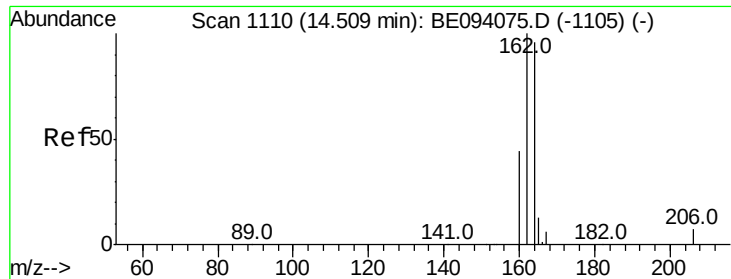


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

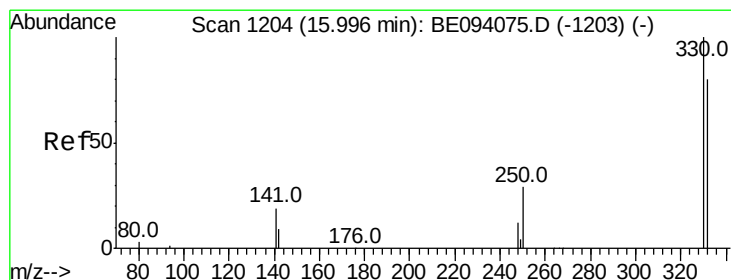
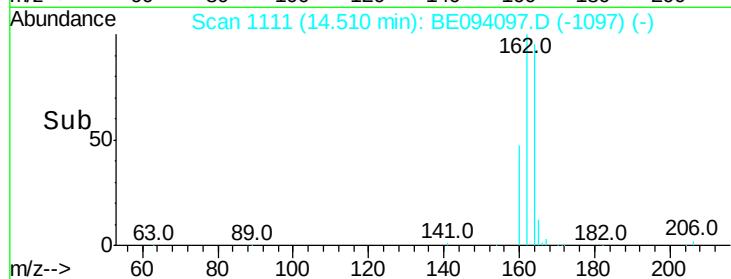
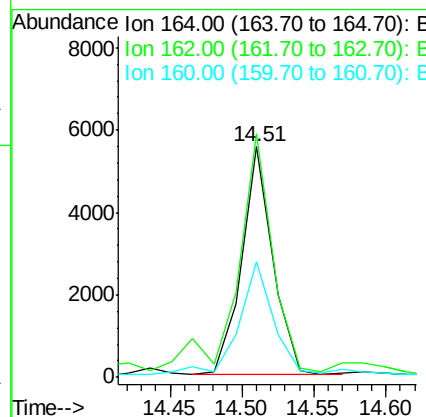
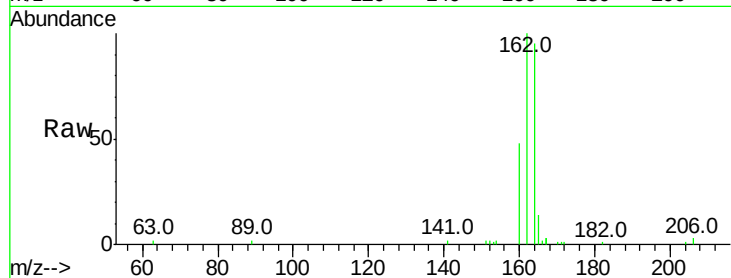




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

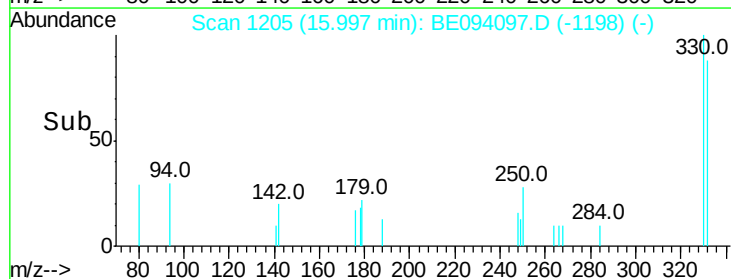
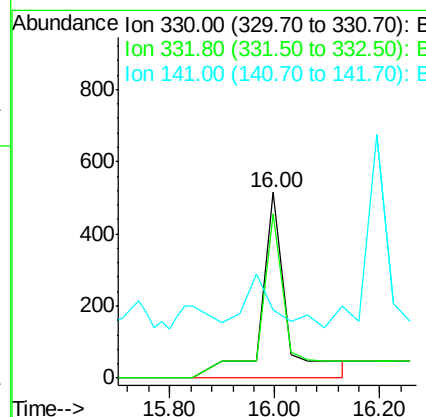
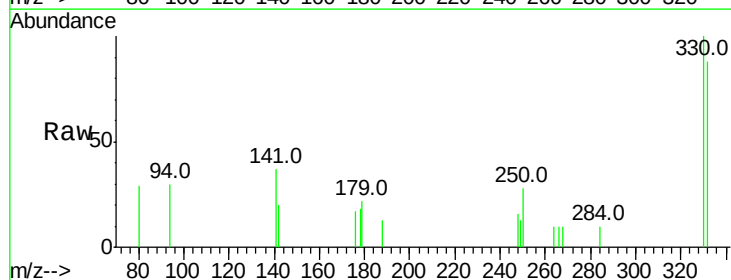
Instrument :
 BNA_E
 ClientSampleId :

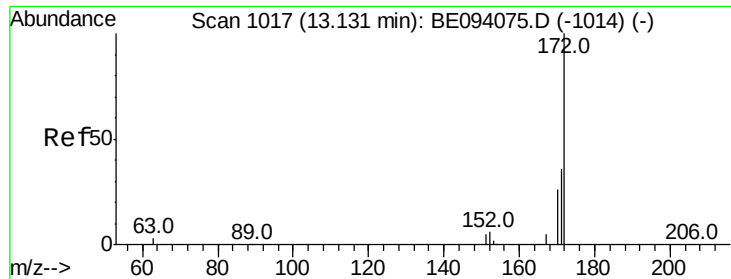
Tot Ion:164 Resp: 8302
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.1 124.7
 160 50.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

Tgt Ion:330 Resp: 1836
 Ion Ratio Lower Upper
 330 100
 332 94.5 152.7 229.1#
 141 0.0 33.7 50.5#

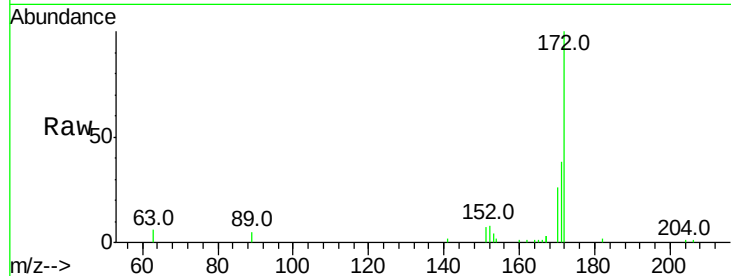




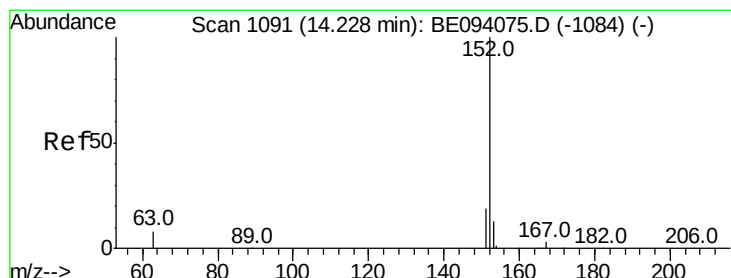
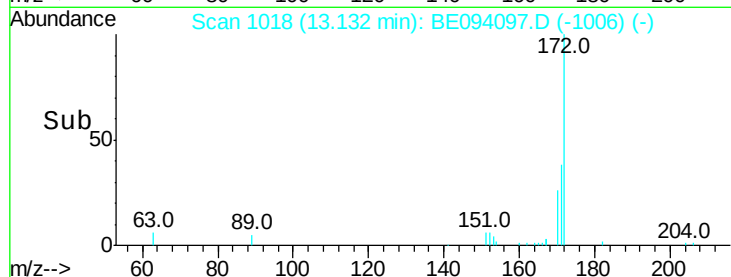
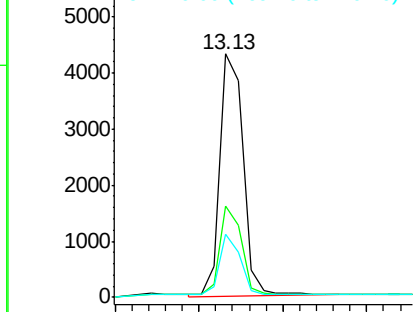
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 8347
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 26.1 21.8 32.8

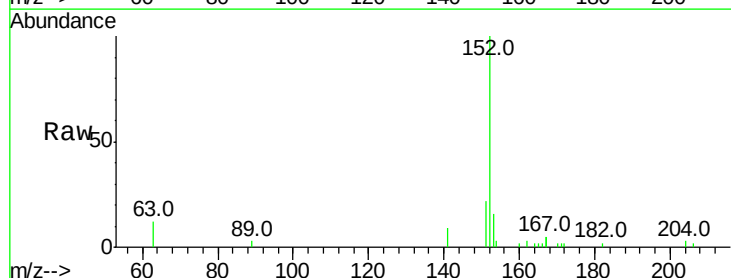


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

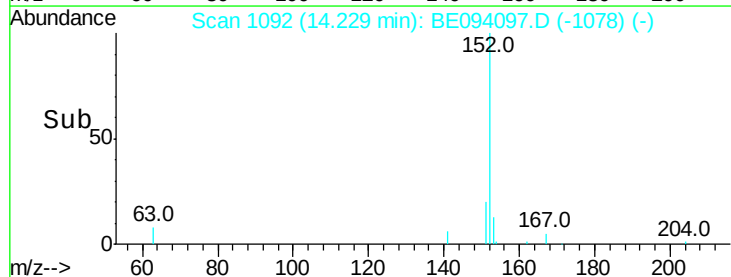
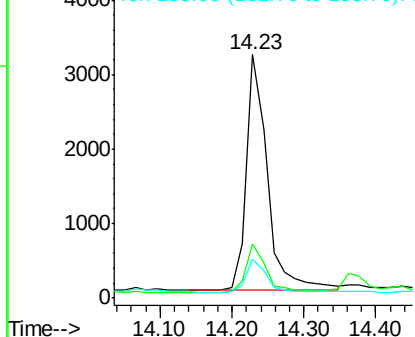


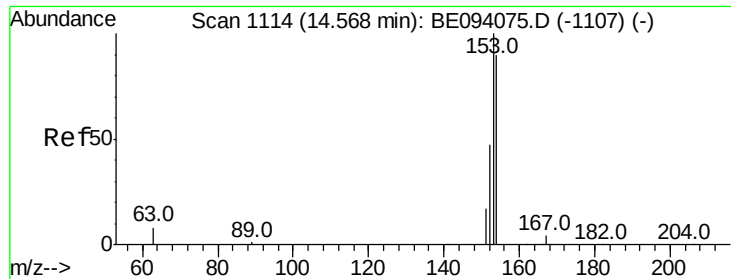
#16
Acenaphthylene
Concen: 0.153 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:152 Resp: 6377
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.8 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: 0.056 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

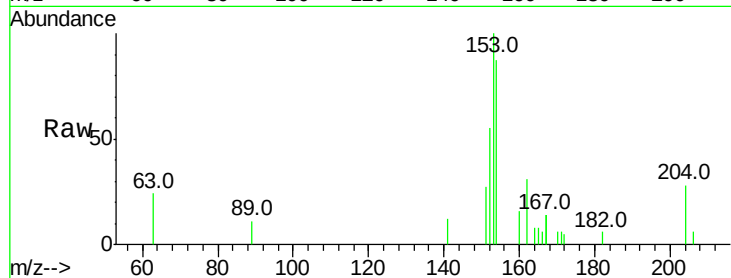
Tot Ion:154 Resp: 1564

Ion Ratio Lower Upper

154 100

153 107.7 89.2 133.8

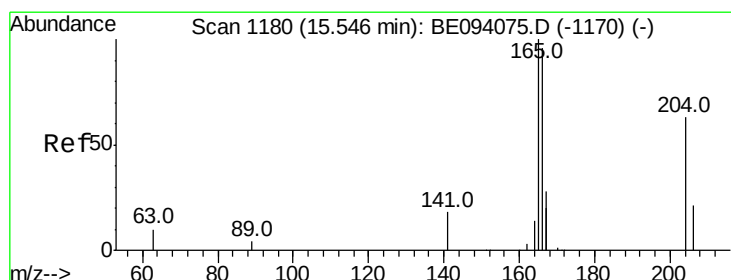
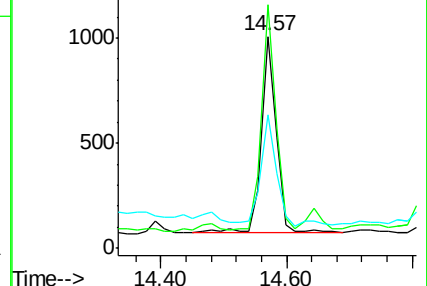
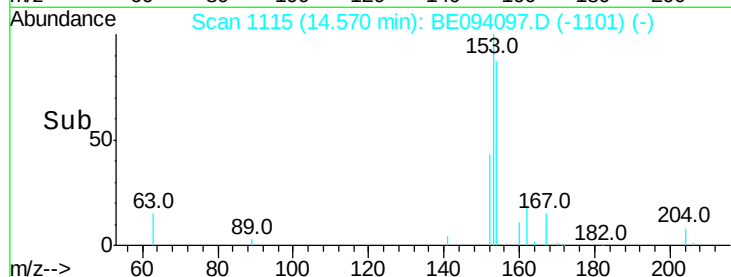
152 58.2 42.0 63.0



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: 0.064 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

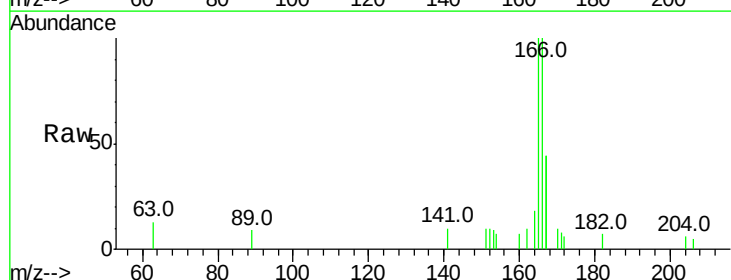
Tgt Ion:166 Resp: 2637

Ion Ratio Lower Upper

166 100

165 110.2 77.8 116.6

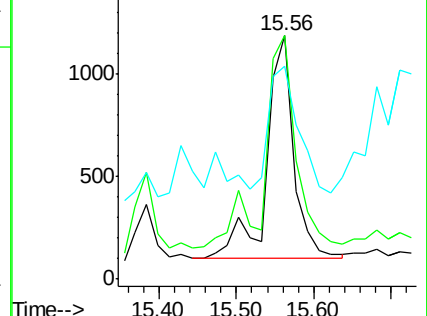
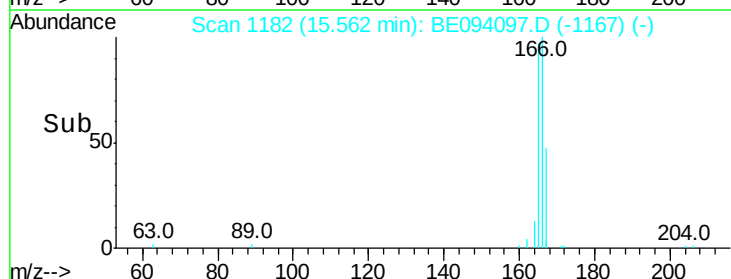
167 62.5 42.4 63.6

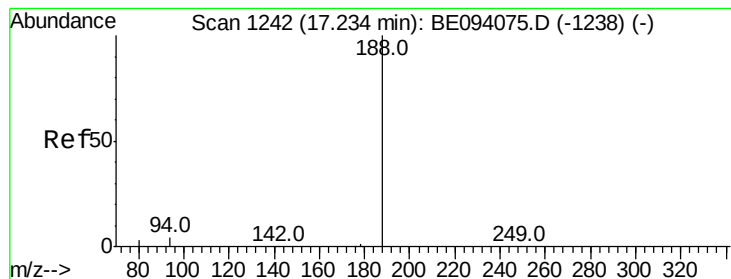


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

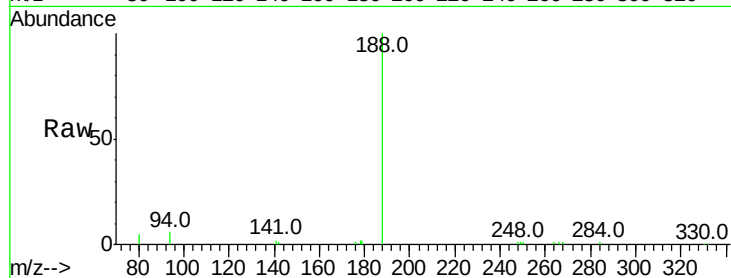
Tot Ion:188 Resp: 22152

Ion Ratio Lower Upper

188 100

94 5.9 3.9 5.9#

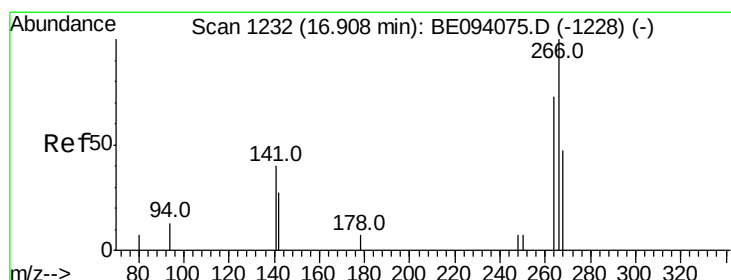
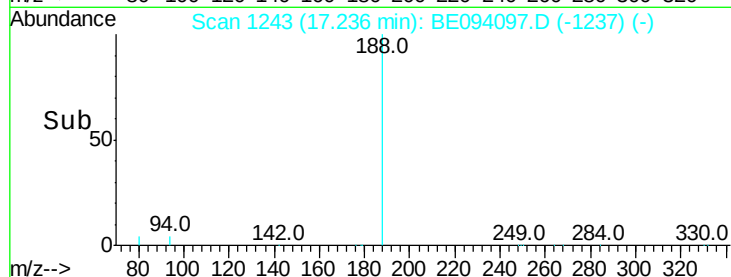
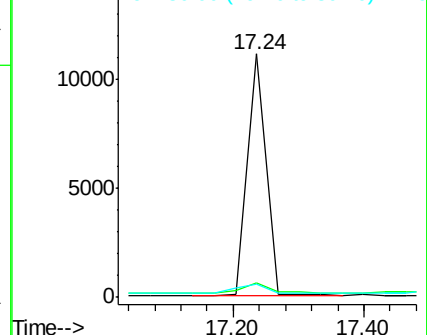
80 5.4 3.6 5.4



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



#22

Pentachlorophenol

Concen: 0.031 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

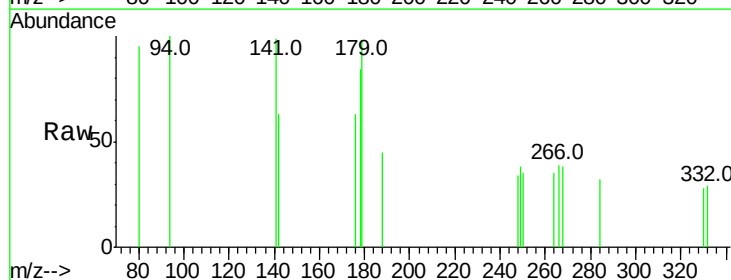
Tgt Ion:266 Resp: 92

Ion Ratio Lower Upper

266 100

264 88.4 72.5 108.7

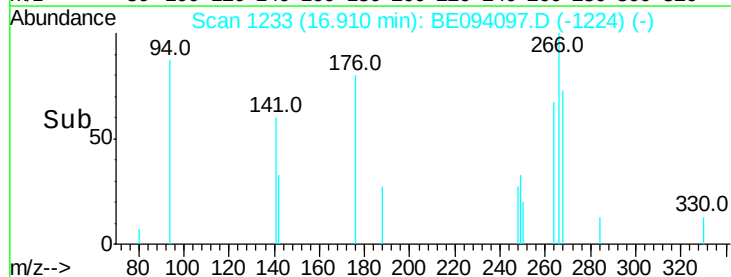
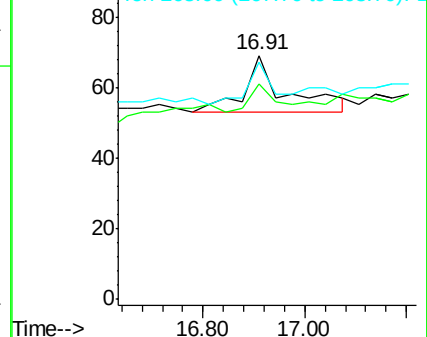
268 97.1 73.8 110.6

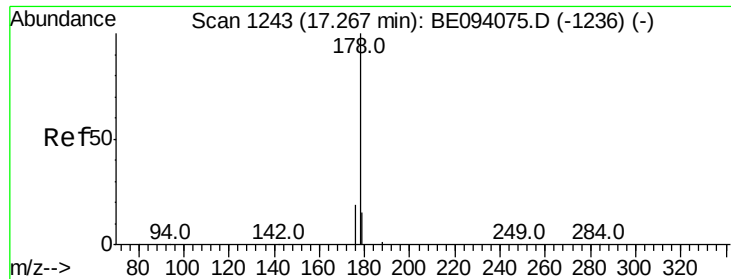


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.865 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

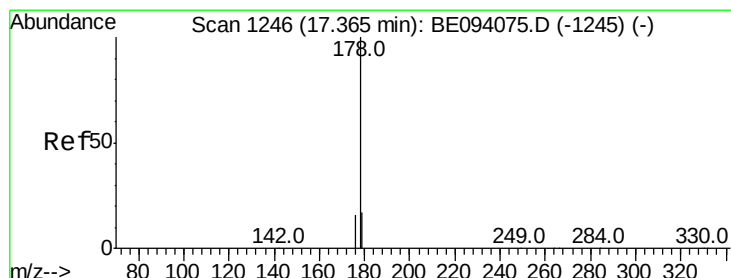
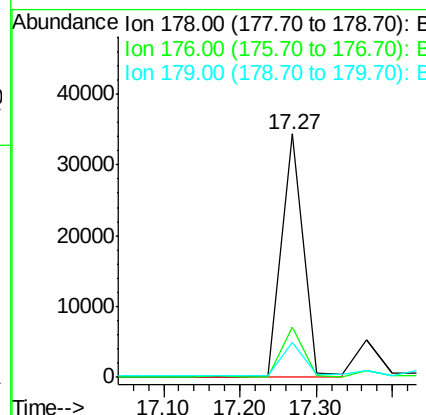
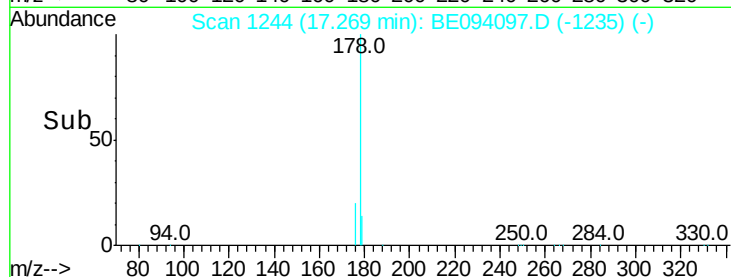
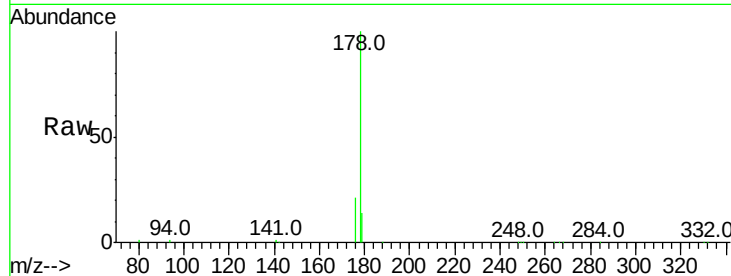
Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:178 Resp: 68599

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	15.2	11.8	17.6



#24

Anthracene

Concen: 0.185 ng

RT: 17.37 min Scan# 1247

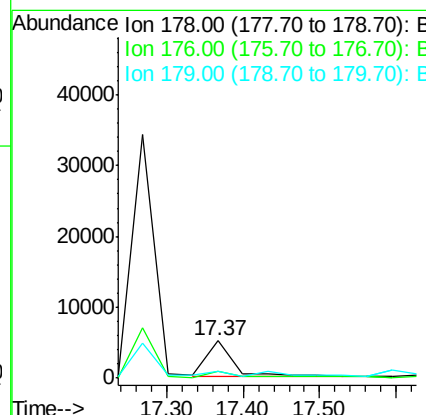
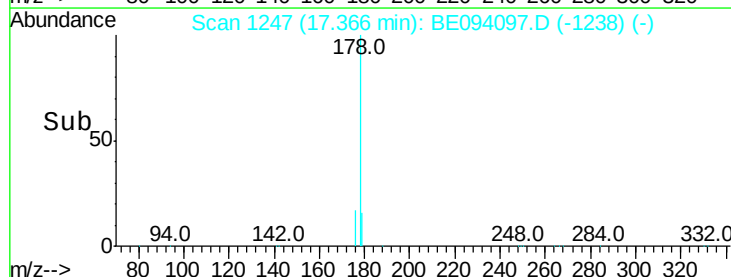
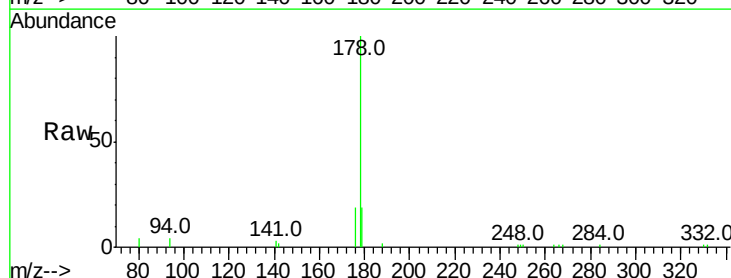
Delta R.T. 0.00 min

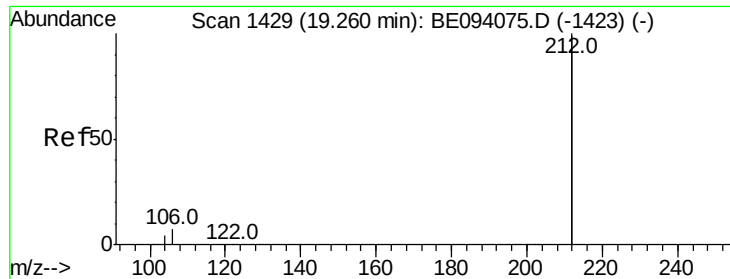
Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Tgt Ion:178 Resp: 11323

Ion	Ratio	Lower	Upper
178	100		
176	16.3	12.8	19.2
179	12.4	13.0	19.6#

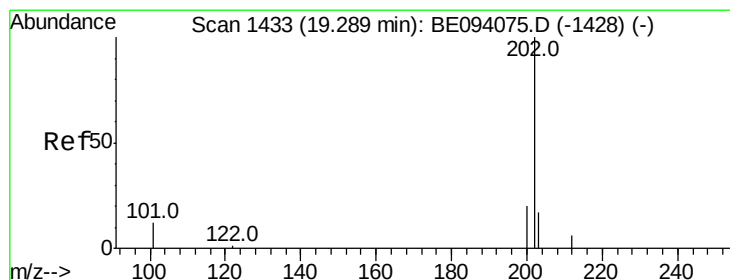
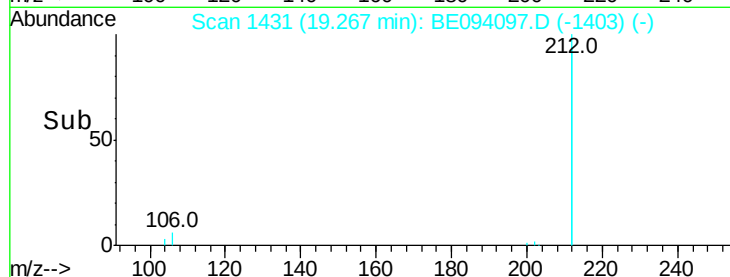
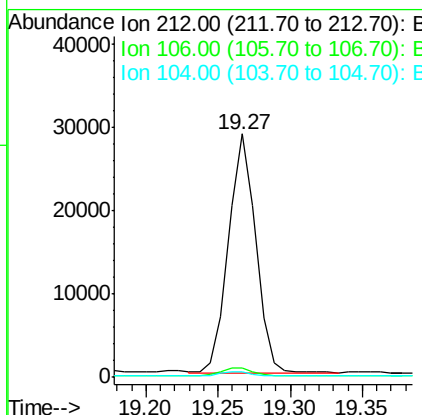
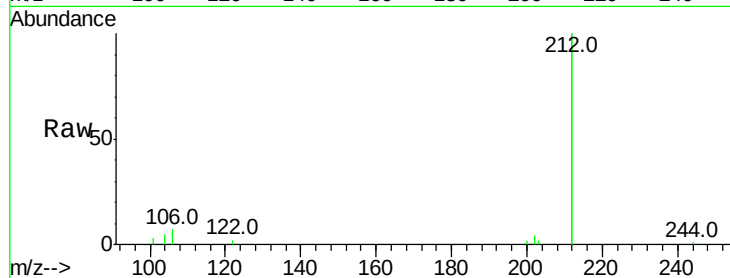




#25
 Fluoranthene-d10
 Concen: 0.133 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

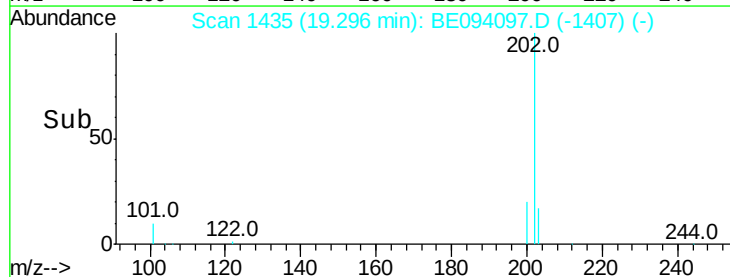
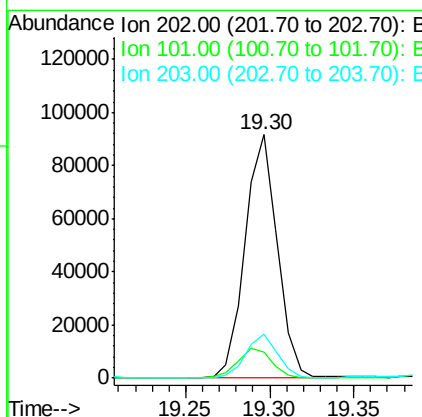
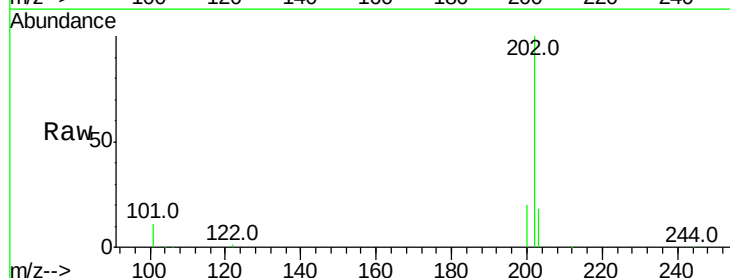
Instrument :
 BNA_E
 ClientSampleId :

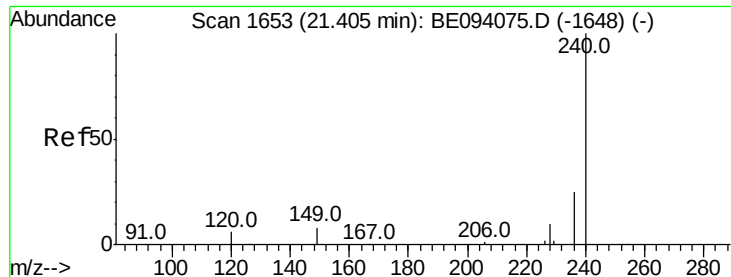
Tot Ion:212 Resp: 37679
 Ion Ratio Lower Upper
 212 100
 106 4.0 2.8 4.2
 104 2.3 1.6 2.4



#26
 Fluoranthene
 Concen: 1.428 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

Tgt Ion:202 Resp: 121613
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.8 14.8
 203 17.5 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: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

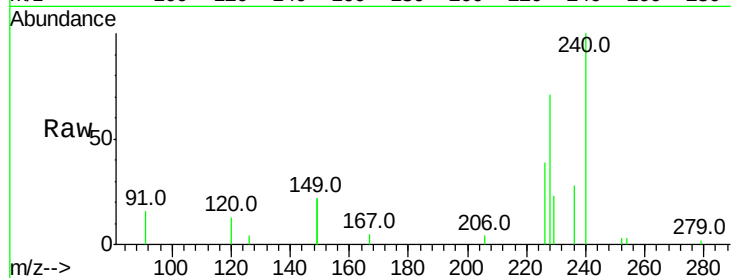
Tot Ion:240 Resp: 15025

Ion Ratio Lower Upper

240 100

120 13.5 5.5 8.3#

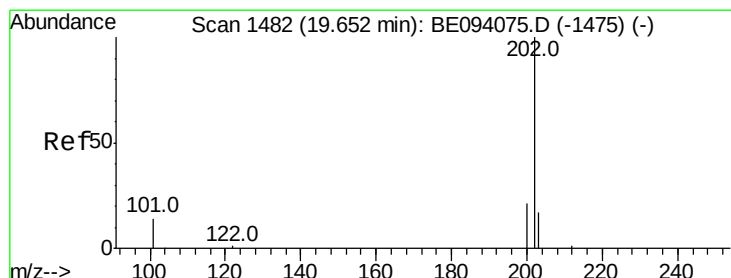
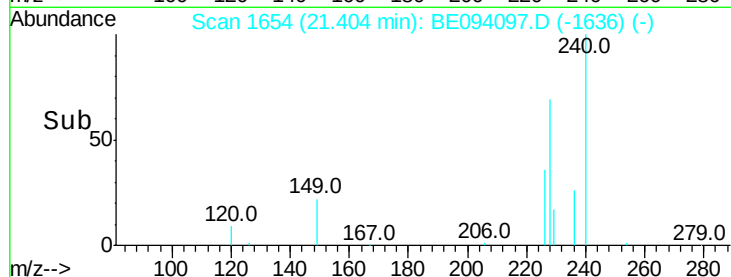
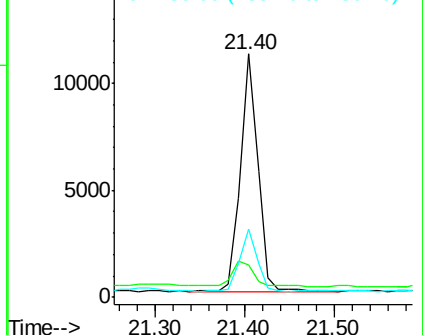
236 28.3 20.7 31.1



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: 2.821 ng

RT: 19.66 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

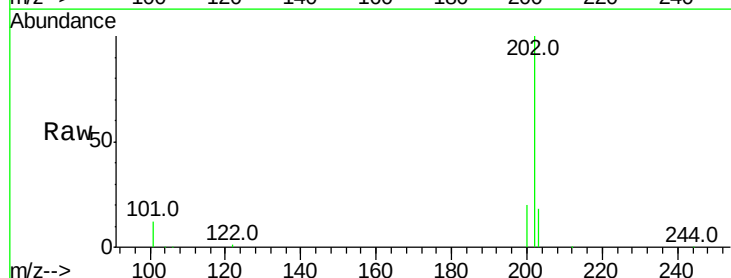
Tgt Ion:202 Resp: 117269

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

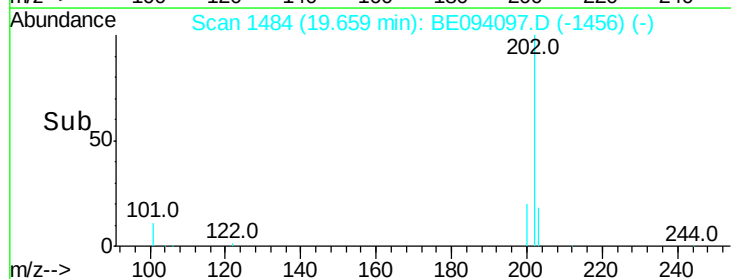
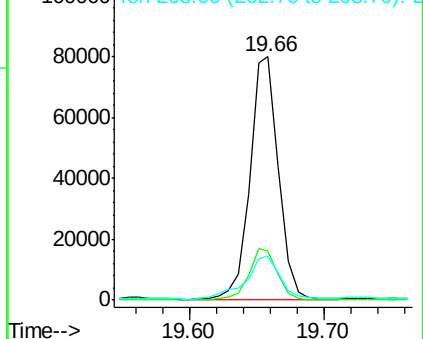
203 21.5 13.8 20.8#

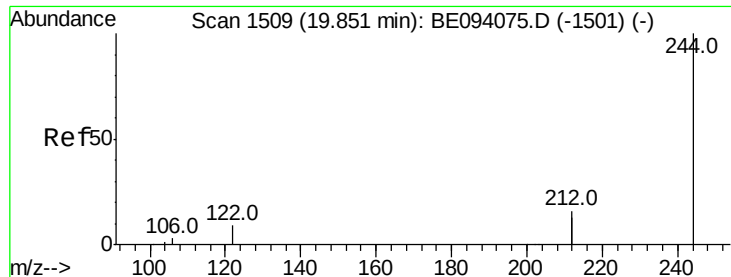


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

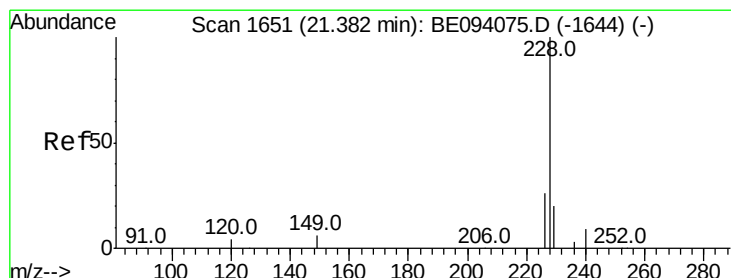
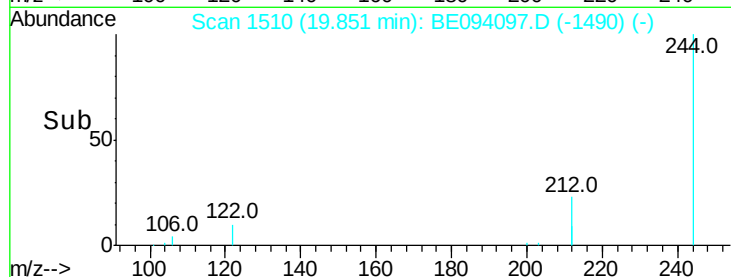
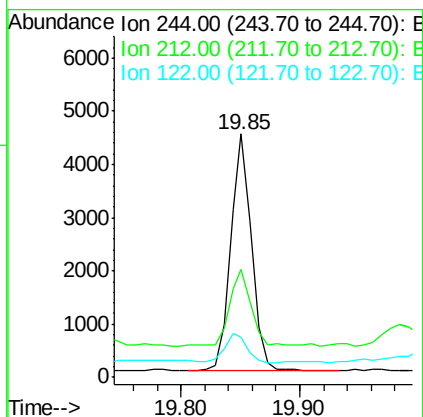
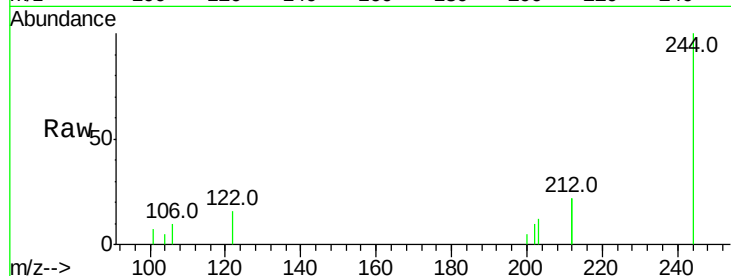




#29
 Terphenyl-d14
 Concen: 0.232 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

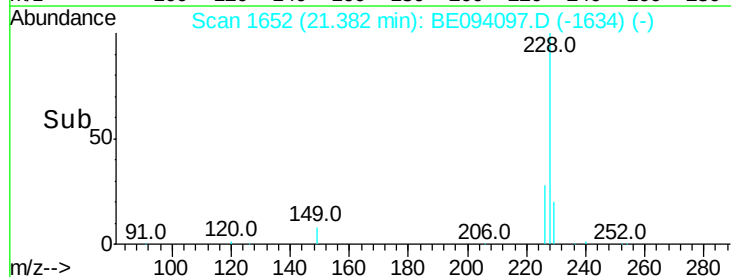
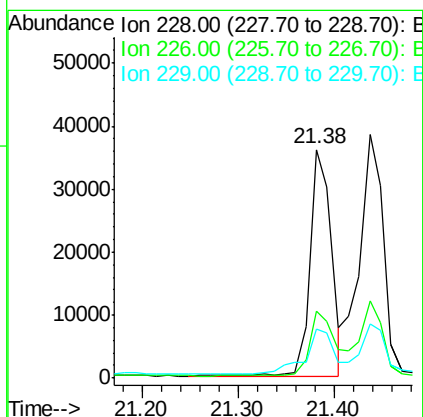
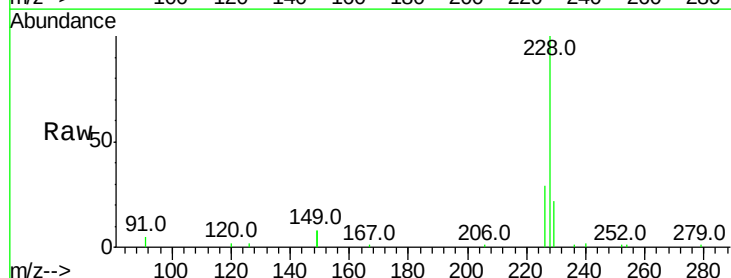
Instrument :
 BNA_E
 ClientSampleId :

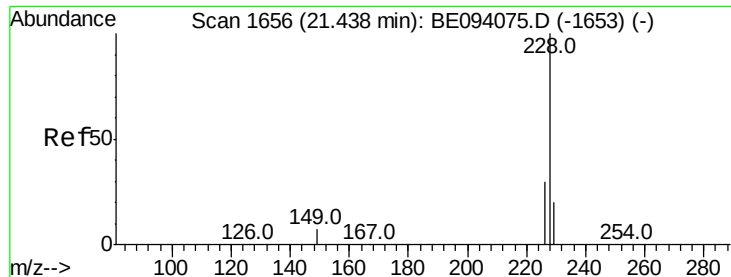
Tot Ion:244 Resp: 5466
 Ion Ratio Lower Upper
 244 100
 212 44.6 25.4 38.0#
 122 16.3 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 1.101 ng
 RT: 21.38 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

Tgt Ion:228 Resp: 55416
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.4 32.0
 229 21.5 16.4 24.6





#31

Chrysene

Concen: 1.208 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

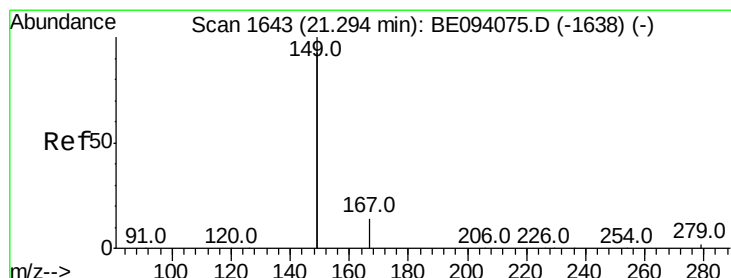
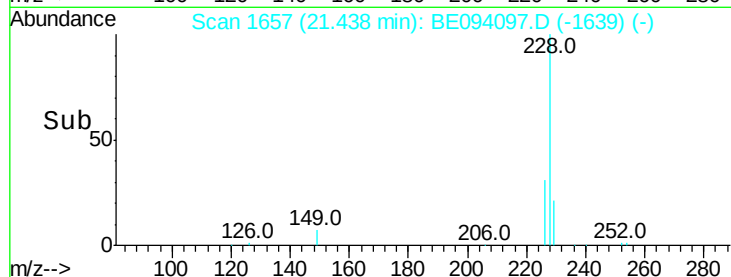
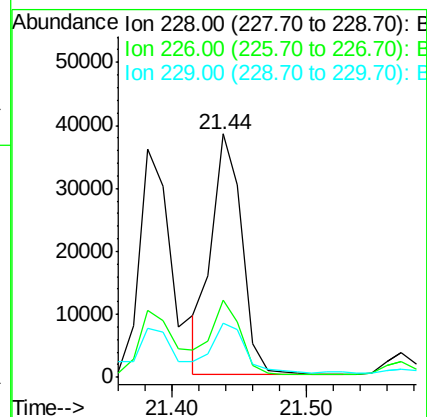
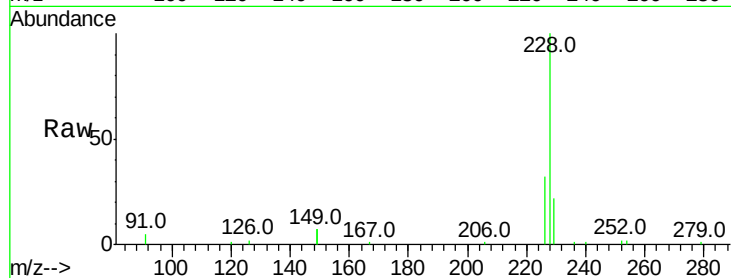
Tot Ion:228 Resp: 59552

Ion Ratio Lower Upper

228 100

226 31.5 23.6 35.4

229 22.2 16.4 24.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.219 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

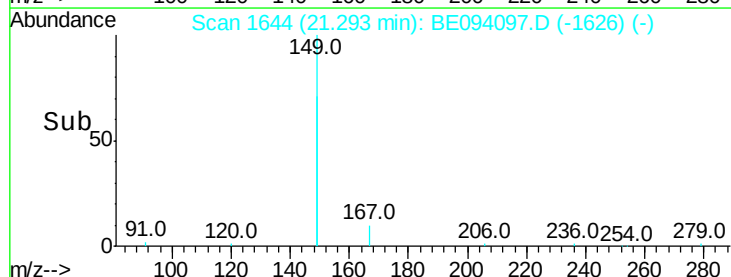
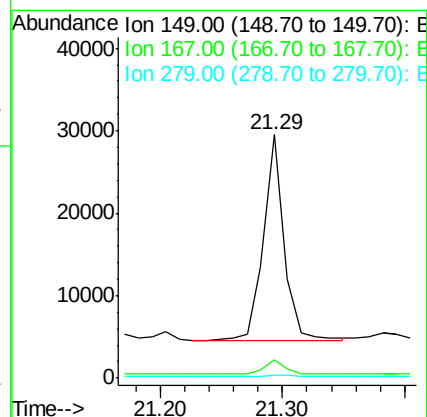
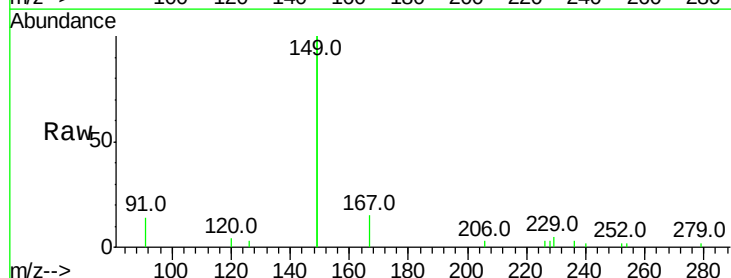
Tgt Ion:149 Resp: 29656

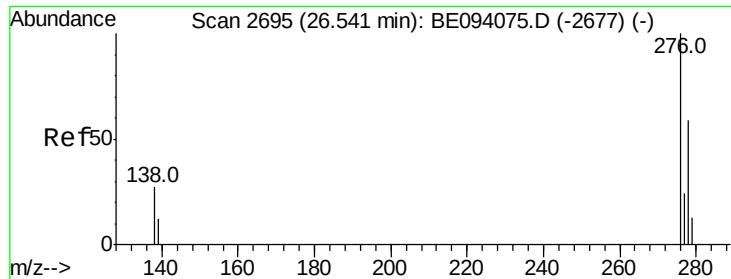
Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

279 0.9 0.7 1.1

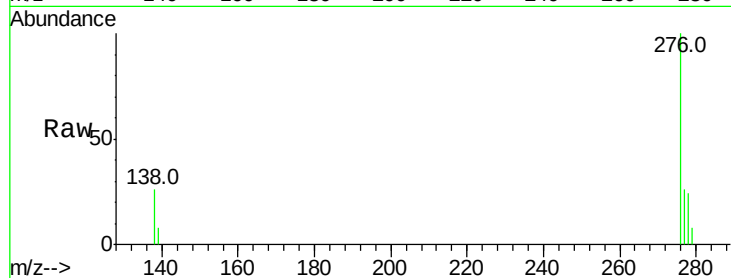




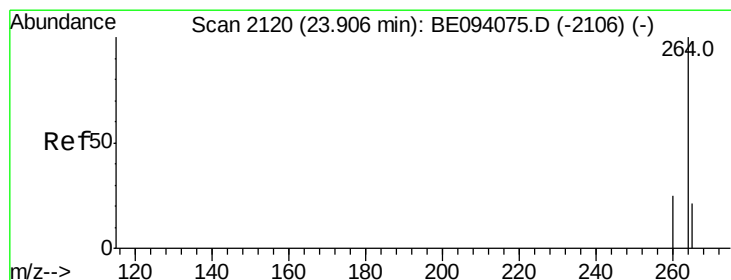
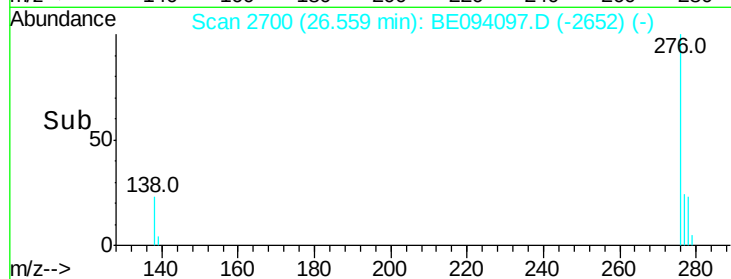
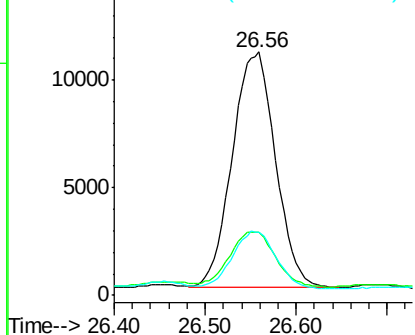
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.948 ng
 RT: 26.56 min Scan# 2700
 Delta R.T. 0.02 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 36151
 Ion Ratio Lower Upper
 276 100
 138 24.5 22.5 33.7
 277 25.0 19.9 29.9

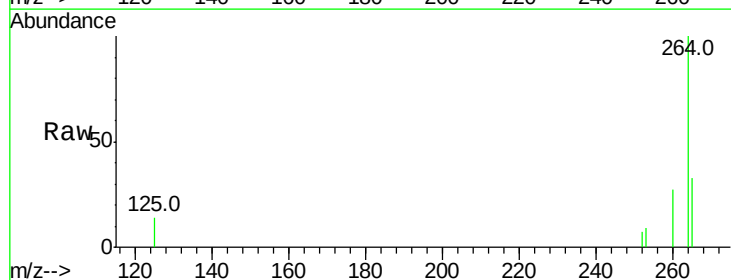


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

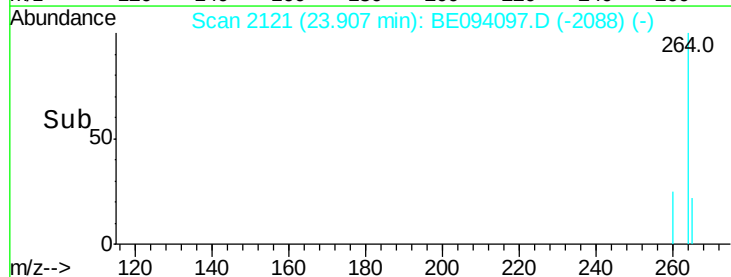
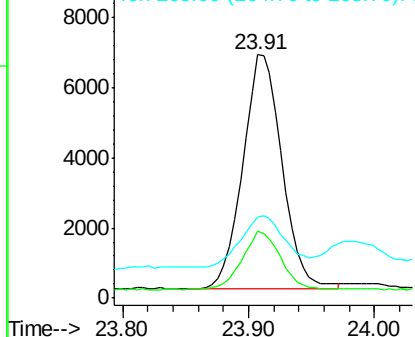


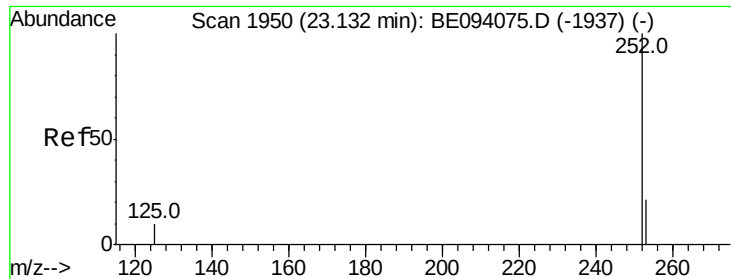
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BE094097.D
 Acq: 24 Sep 2017 2:57

Tgt Ion:264 Resp: 14594
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.5 30.7
 265 33.2 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.473 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

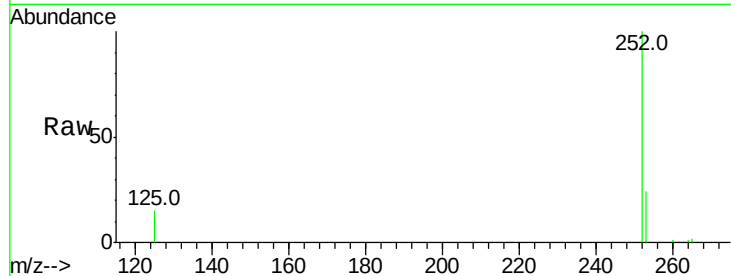
Tot Ion:252 Resp: 77813

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.2

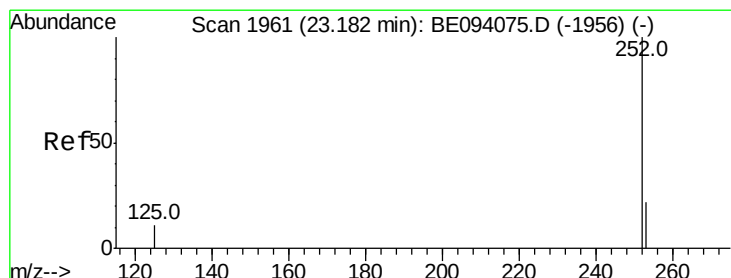
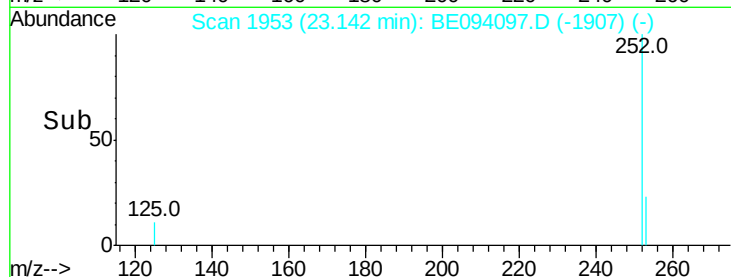
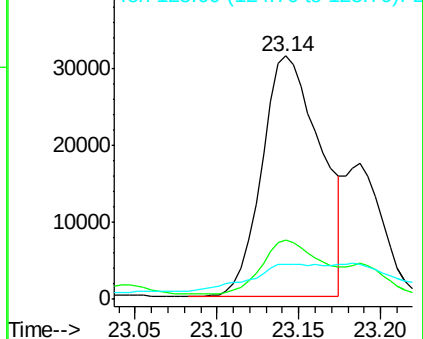
125 14.5 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.468 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

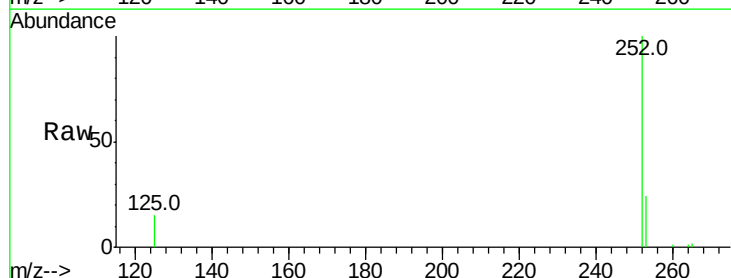
Tgt Ion:252 Resp: 77813

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

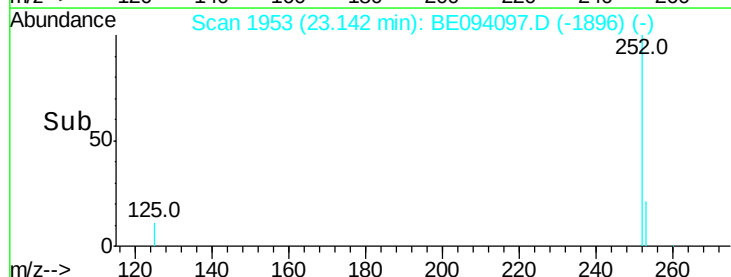
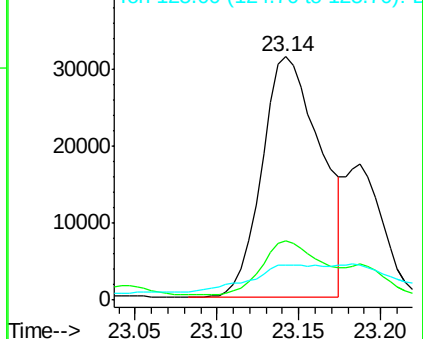
125 14.5 10.7 16.1

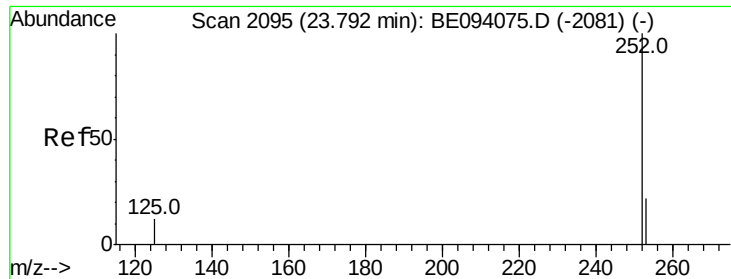


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.154 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :

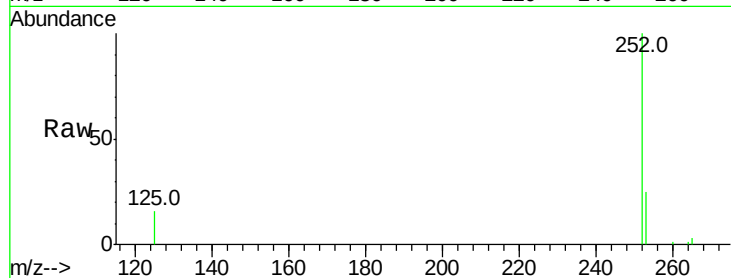
Tot Ion:252 Resp: 54735

Ion Ratio Lower Upper

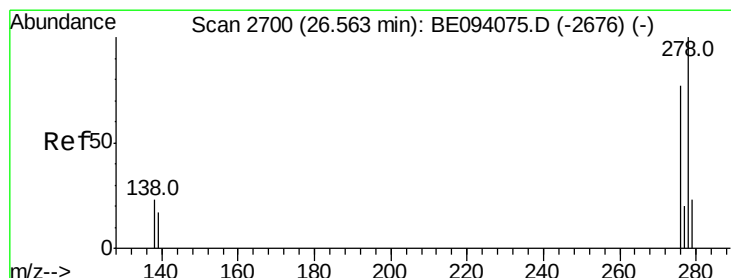
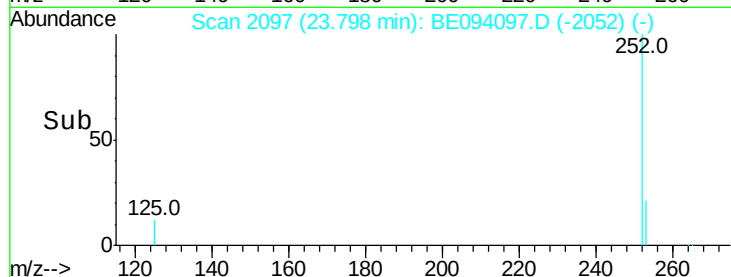
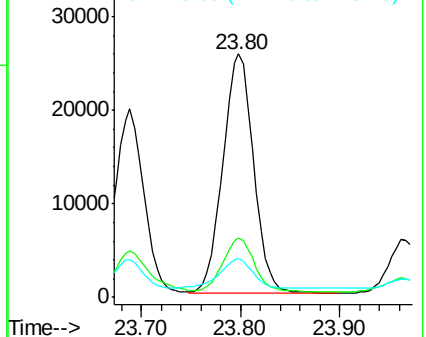
252 100

253 24.5 19.0 28.6

125 15.9 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: 0.244 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

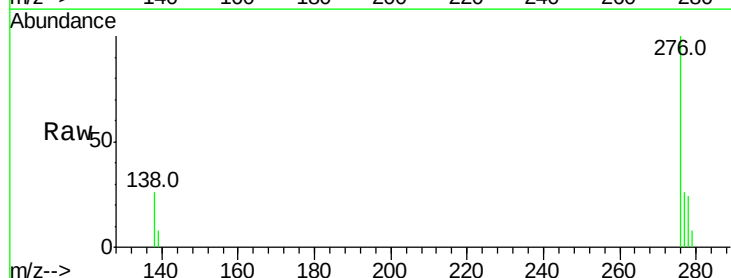
Tgt Ion:278 Resp: 9275

Ion Ratio Lower Upper

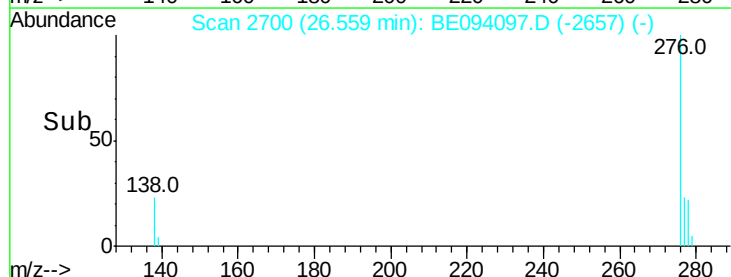
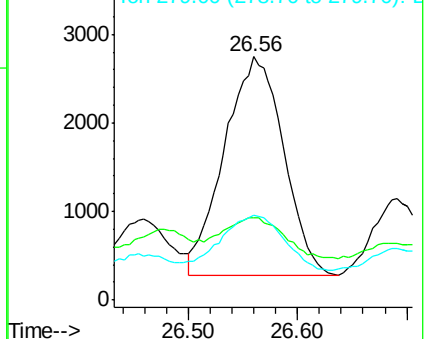
278 100

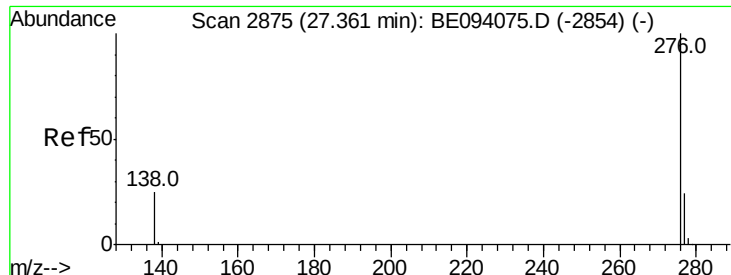
139 34.0 16.3 24.5#

279 34.8 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: 0.963 ng

RT: 27.38 min Scan# 2879

Delta R.T. 0.01 min

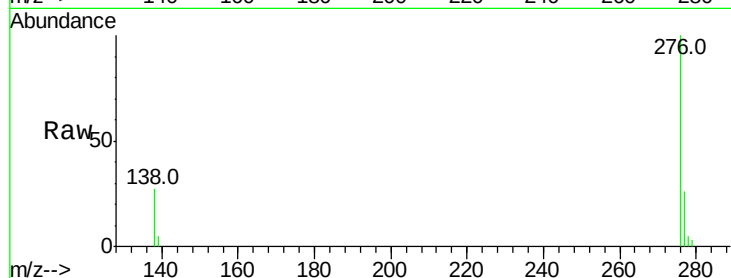
Lab File: BE094097.D

Acq: 24 Sep 2017 2:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 36569

Ion Ratio Lower Upper

276 100

277 26.2 20.8 31.2

138 27.3 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

