

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094121.D
 Acq On : 26 Sep 2017 2:45
 Operator : SJ/JU
 Sample : I5340-07DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 03:56:15 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	7.90	152	1539	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7760	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5067	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18318	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14757	0.40	ng	0.00
34) Perylene-d12	23.91	264	13879	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	213	0.04	ng	0.00
5) Phenol-d6	7.10	99	330	0.04	ng	0.01
8) Nitrobenzene-d5	9.06	82	321	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	463	0.04	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	72	-0.01	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	591	0.04	ng	0.02
25) Fluoranthene-d10	19.27	212	5088	0.03	ng	0.00
29) Terphenyl-d14	19.85	244	815	0.03	ng	0.00

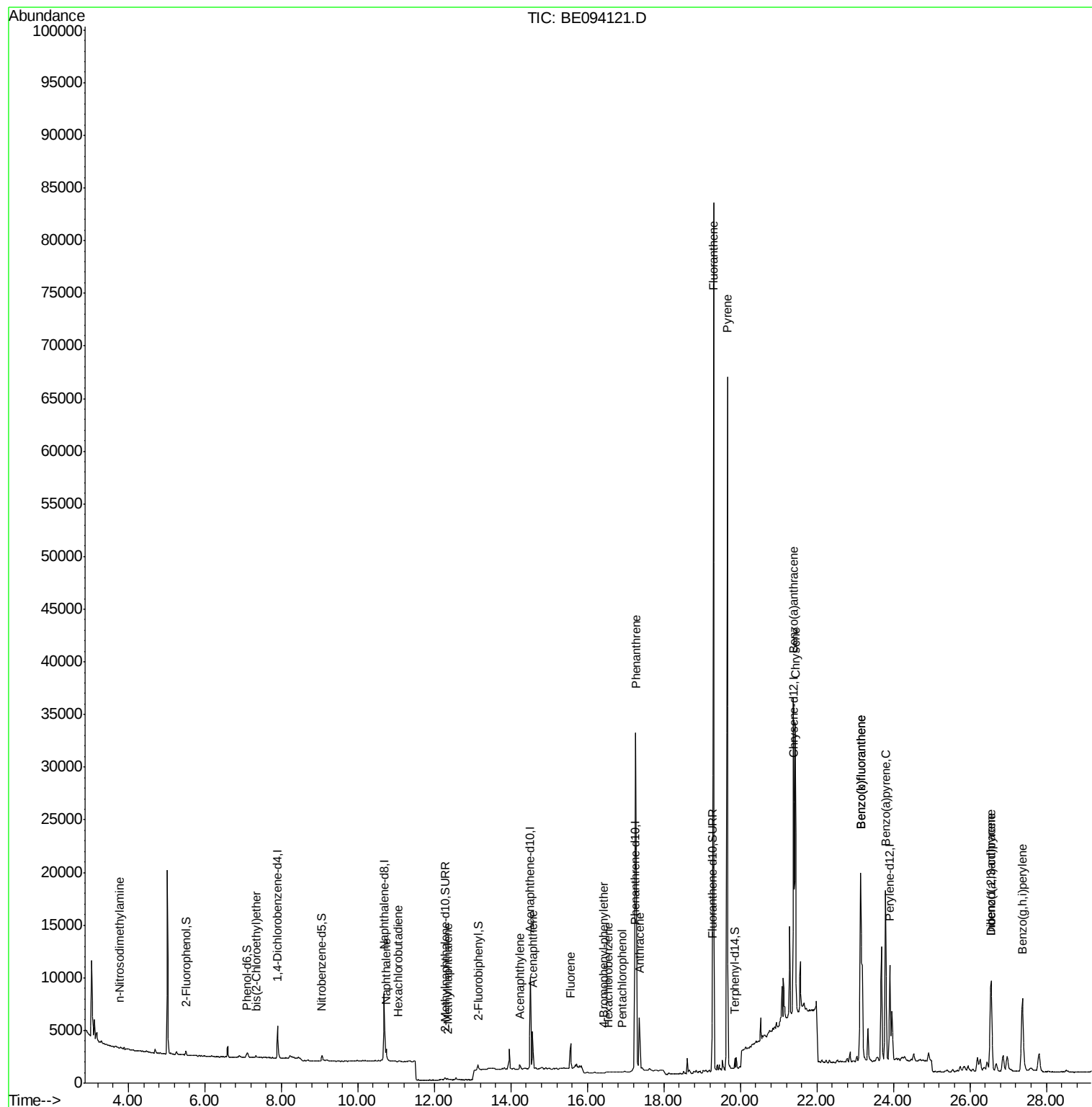
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.76	42	105	0.027	ng	# 13
6) bis(2-Chloroethyl)ether	7.34	93	239	0.038	ng	# 1
9) Naphthalene	10.74	128	1666	0.019	ng	# 87
10) Hexachlorobutadiene	11.04	225	1	0.000	ng	# 17
12) 2-Methylnaphthalene	12.35	142	110	0.008	ng	# 68
16) Acenaphthylene	14.23	152	645	0.025	ng	96
17) Acenaphthene	14.57	154	1849	0.117	ng	99
18) Fluorene	15.56	166	1651	0.077	ng	94
20) 4-Bromophenyl-phenylether	16.42	248	4	0.001	ng	# 27
21) Hexachlorobenzene	16.55	284	12	0.003	ng	# 38
22) Pentachlorophenol	16.91	266	6	0.001	ng	92
23) Phenanthrene	17.27	178	48136	1.027	ng	98
24) Anthracene	17.37	178	7952	0.162	ng	95
26) Fluoranthene	19.30	202	74404	1.417	ng	99
28) Pyrene	19.66	202	64459	1.379	ng	# 95
30) Benzo(a)anthracene	21.38	228	28155	0.567	ng	97
31) Chrysene	21.44	228	28546	0.595	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	10839	Below Cal		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	16419	0.320	ng	95
35) Benzo(b)fluoranthene	23.14	252	34411	0.687	ng	95
36) Benzo(k)fluoranthene	23.14	252	34411	0.718	ng	97
37) Benzo(a)pyrene	23.79	252	24856	0.549	ng	97
38) Dibenzo(a,h)anthracene	26.56	278	3550	0.083	ng	# 65
39) Benzo(g,h,i)perylene	27.37	276	16658	0.393	ng	99

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

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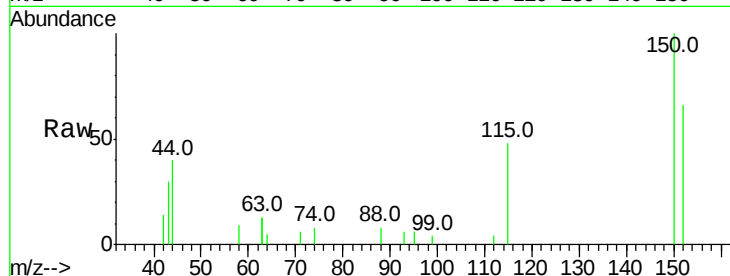


#1

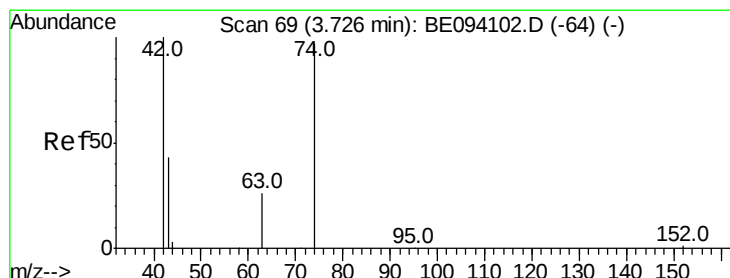
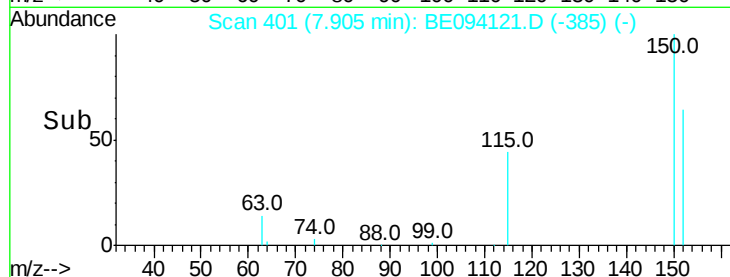
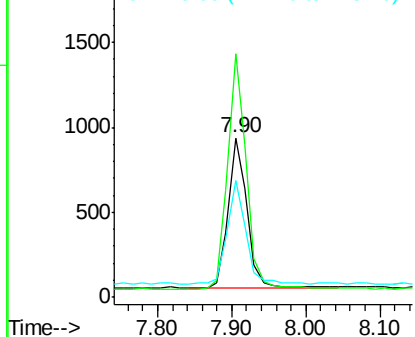
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1539
Ion Ratio Lower Upper
152 100
150 152.7 117.2 175.8
115 73.2 57.0 85.6



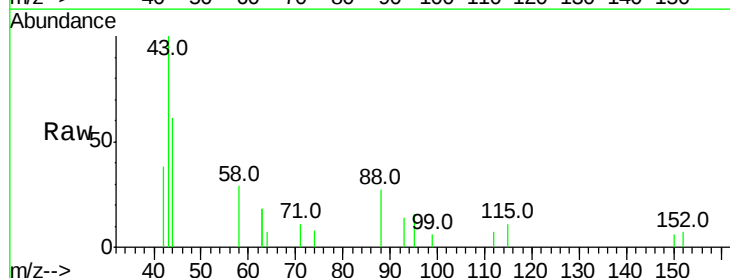
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



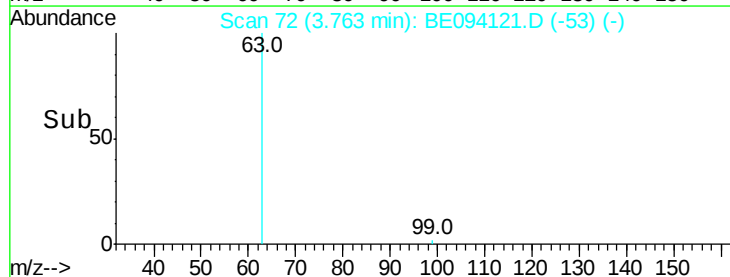
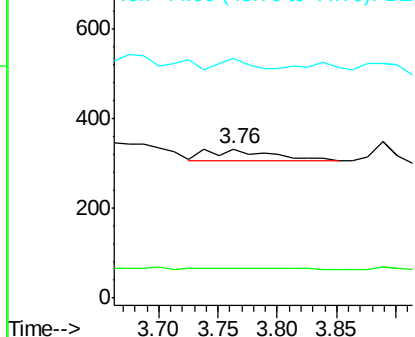
#3

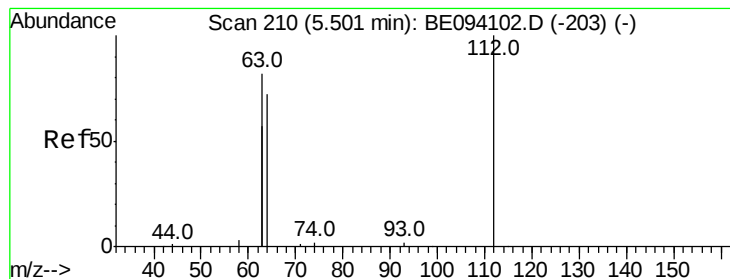
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.04 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Tgt Ion: 42 Resp: 105
Ion Ratio Lower Upper
42 100
74 16.2 100.3 150.5#
44 37.1 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: 0.037 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

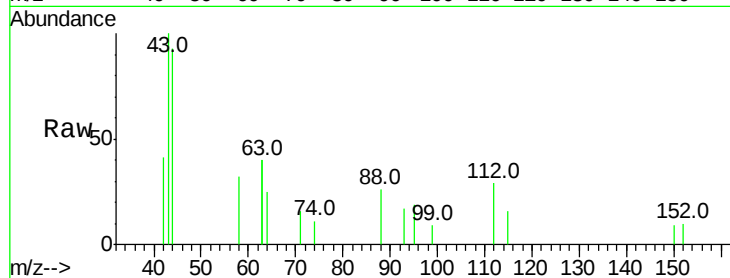
Tot Ion:112 Resp: 213

Ion Ratio Lower Upper

112 100

64 86.4 60.1 90.1

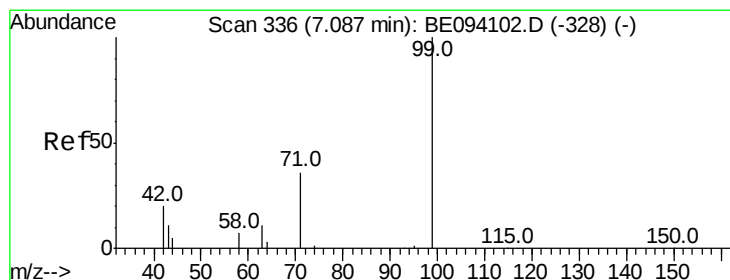
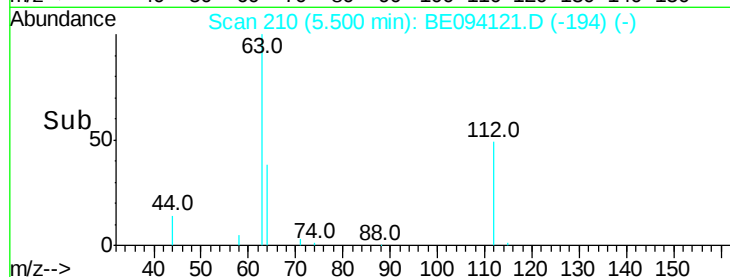
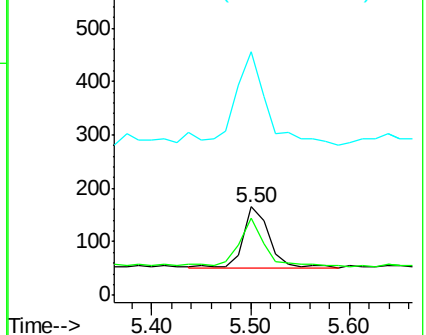
63 171.8 116.8 175.2



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: 0.041 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

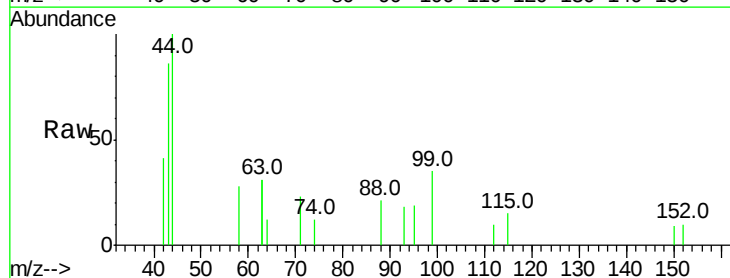
Tgt Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 41.8 20.2 30.2#

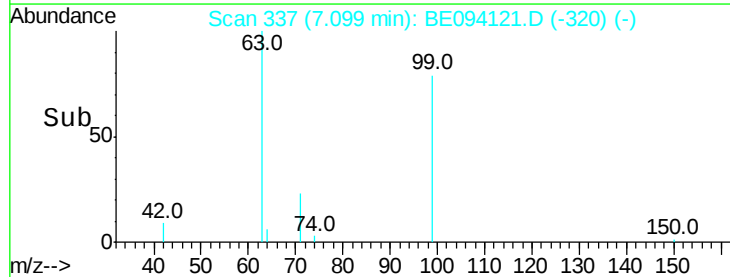
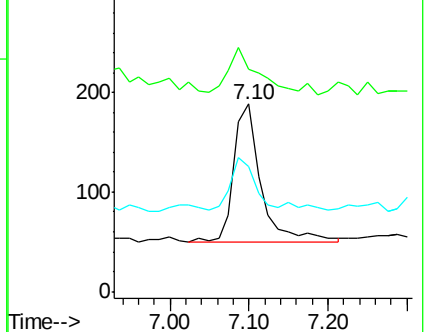
71 32.4 28.4 42.6

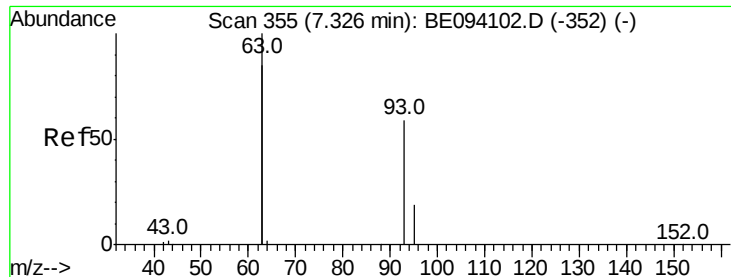


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.038 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

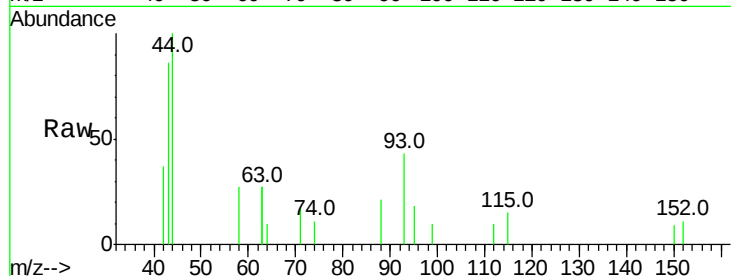
Tot Ion: 93 Resp: 239

Ion Ratio Lower Upper

93 100

63 21.3 275.3 412.9#

95 7.9 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

Ion 97.00 (96.70 to 97.70): BE0

Ion 99.00 (98.70 to 99.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 103.00 (102.70 to 103.70): BE0

Ion 105.00 (104.70 to 105.70): BE0

Ion 107.00 (106.70 to 107.70): BE0

Ion 109.00 (108.70 to 109.70): BE0

Ion 111.00 (110.70 to 111.70): BE0

Ion 113.00 (112.70 to 113.70): BE0

Ion 115.00 (114.70 to 115.70): BE0

Ion 117.00 (116.70 to 117.70): BE0

Ion 119.00 (118.70 to 119.70): BE0

Ion 121.00 (120.70 to 121.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 125.00 (124.70 to 125.70): BE0

Ion 127.00 (126.70 to 127.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 131.00 (130.70 to 131.70): BE0

Ion 133.00 (132.70 to 133.70): BE0

Ion 135.00 (134.70 to 135.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 139.00 (138.70 to 139.70): BE0

Ion 141.00 (140.70 to 141.70): BE0

Ion 143.00 (142.70 to 143.70): BE0

Ion 145.00 (144.70 to 145.70): BE0

Ion 147.00 (146.70 to 147.70): BE0

Ion 149.00 (148.70 to 149.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Ion 153.00 (152.70 to 153.70): BE0

Ion 155.00 (154.70 to 155.70): BE0

Ion 157.00 (156.70 to 157.70): BE0

Ion 159.00 (158.70 to 159.70): BE0

Ion 161.00 (160.70 to 161.70): BE0

Ion 163.00 (162.70 to 163.70): BE0

Ion 165.00 (164.70 to 165.70): BE0

Ion 167.00 (166.70 to 167.70): BE0

Ion 169.00 (168.70 to 169.70): BE0

Ion 171.00 (170.70 to 171.70): BE0

Ion 173.00 (172.70 to 173.70): BE0

Ion 175.00 (174.70 to 175.70): BE0

Ion 177.00 (176.70 to 177.70): BE0

Ion 179.00 (178.70 to 179.70): BE0

Ion 181.00 (180.70 to 181.70): BE0

Ion 183.00 (182.70 to 183.70): BE0

Ion 185.00 (184.70 to 185.70): BE0

Ion 187.00 (186.70 to 187.70): BE0

Ion 189.00 (188.70 to 189.70): BE0

Ion 191.00 (190.70 to 191.70): BE0

Ion 193.00 (192.70 to 193.70): BE0

Ion 195.00 (194.70 to 195.70): BE0

Ion 197.00 (196.70 to 197.70): BE0

Ion 199.00 (198.70 to 199.70): BE0

Ion 201.00 (200.70 to 201.70): BE0

Ion 203.00 (202.70 to 203.70): BE0

Ion 205.00 (204.70 to 205.70): BE0

Ion 207.00 (206.70 to 207.70): BE0

Ion 209.00 (208.70 to 209.70): BE0

Ion 211.00 (210.70 to 211.70): BE0

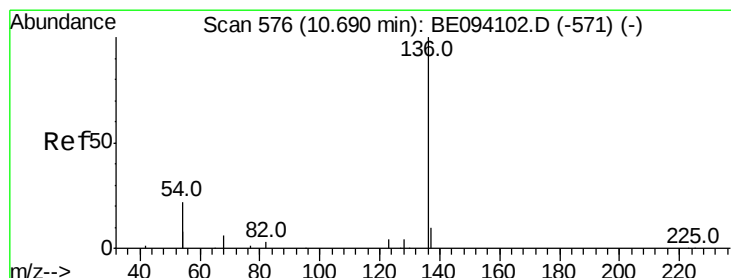
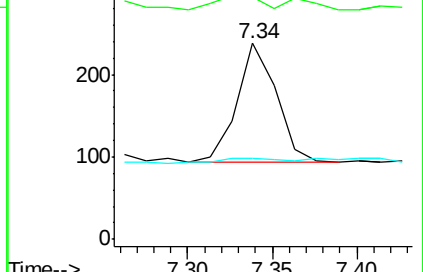
Ion 213.00 (212.70 to 213.70): BE0

Ion 215.00 (214.70 to 215.70): BE0

Ion 217.00 (216.70 to 217.70): BE0

Ion 219.00 (218.70 to 219.70): BE0

Ion 221.00 (220.70 to 221.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Tgt Ion:136 Resp: 7760

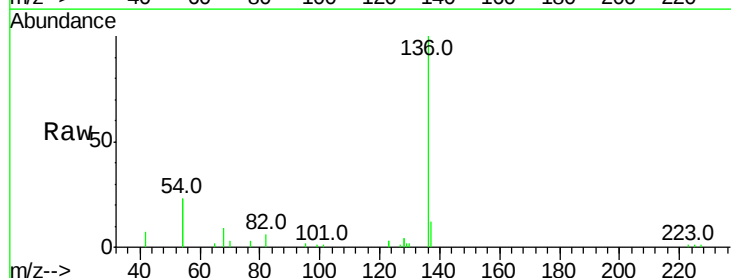
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 46.7 29.1 43.7#

68 9.1 6.2 9.2



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Ion 70.00 (69.70 to 70.70): BE0

Ion 72.00 (71.70 to 72.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 76.00 (75.70 to 76.70): BE0

Ion 78.00 (77.70 to 78.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Ion 82.00 (81.70 to 82.70): BE0

Ion 84.00 (83.70 to 84.70): BE0

Ion 86.00 (85.70 to 86.70): BE0

Ion 88.00 (87.70 to 88.70): BE0

Ion 90.00 (89.70 to 90.70): BE0

Ion 92.00 (91.70 to 92.70): BE0

Ion 94.00 (93.70 to 94.70): BE0

Ion 96.00 (95.70 to 96.70): BE0

Ion 98.00 (97.70 to 98.70): BE0

Ion 100.00 (99.70 to 100.70): BE0

Ion 102.00 (101.70 to 102.70): BE0

Ion 104.00 (103.70 to 104.70): BE0

Ion 106.00 (105.70 to 106.70): BE0

Ion 108.00 (107.70 to 108.70): BE0

Ion 110.00 (109.70 to 110.70): BE0

Ion 112.00 (111.70 to 112.70): BE0

Ion 114.00 (113.70 to 114.70): BE0

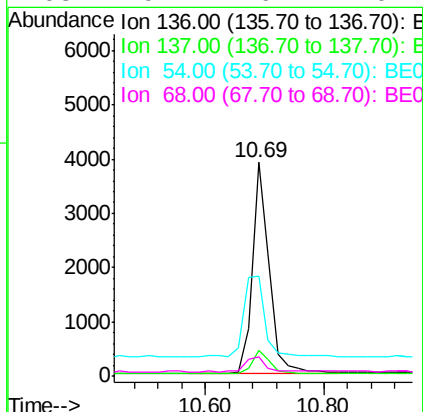
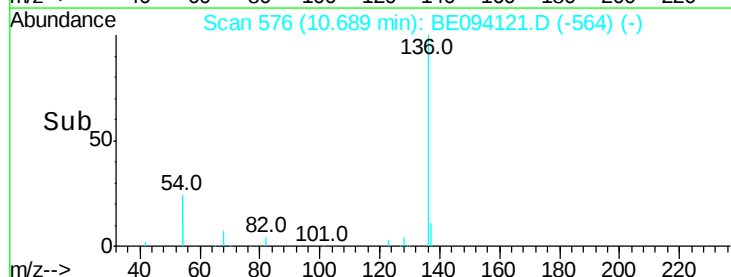
Ion 116.00 (115.70 to 116.70): BE0

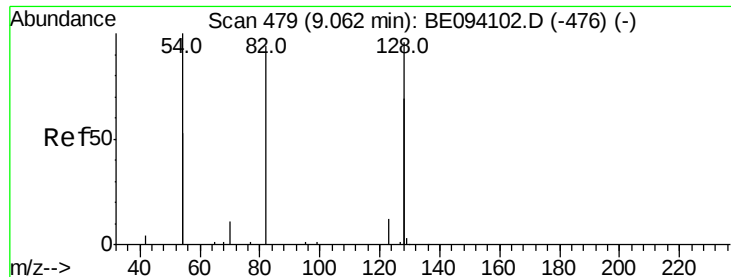
Ion 118.00 (117.70 to 118.70): BE0

Ion 120.00 (119.70 to 120.70): BE0

Ion 122.00 (121.70 to 122.70): BE0

Ion 124.00 (123.70 to 124.70): BE0





#8

Nitrobenzene-d5

Concen: 0.043 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampled :

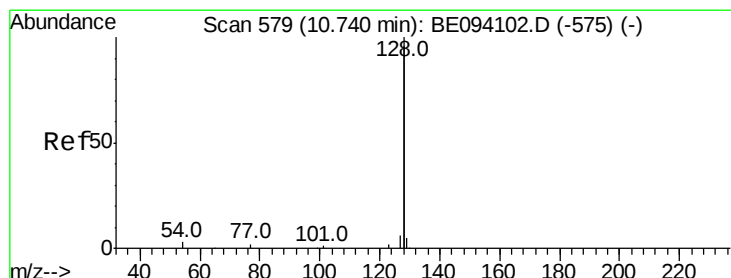
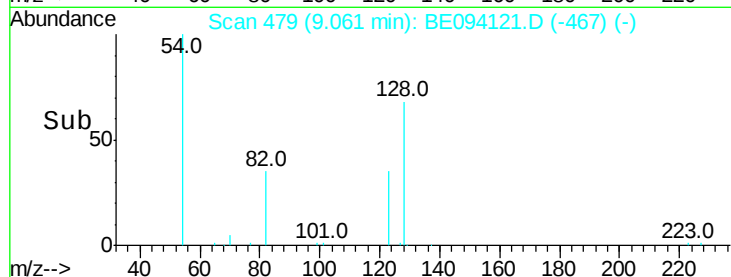
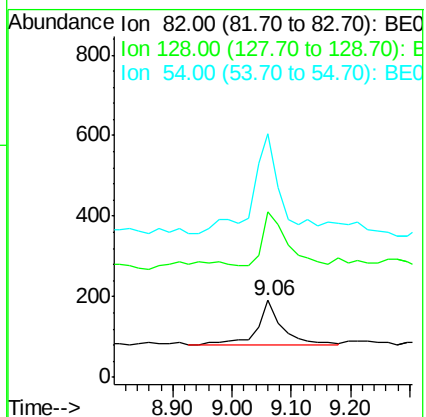
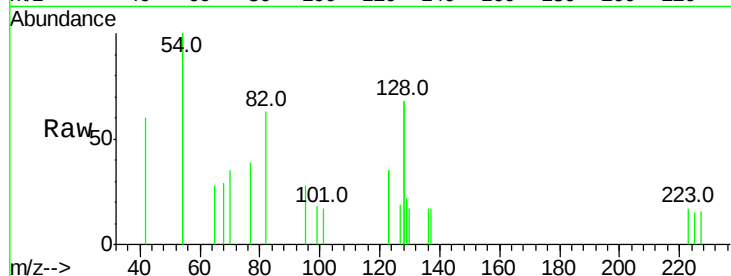
Tot Ion: 82 Resp: 321

Ion Ratio Lower Upper

82 100

128 214.7 150.0 225.0

54 316.2 154.2 231.4#



#9

Naphthalene

Concen: 0.019 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

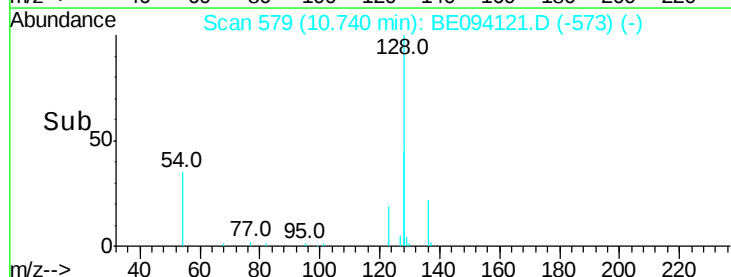
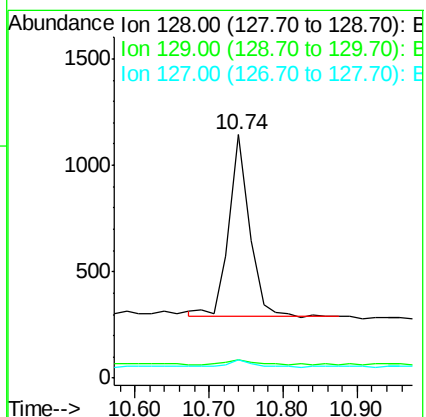
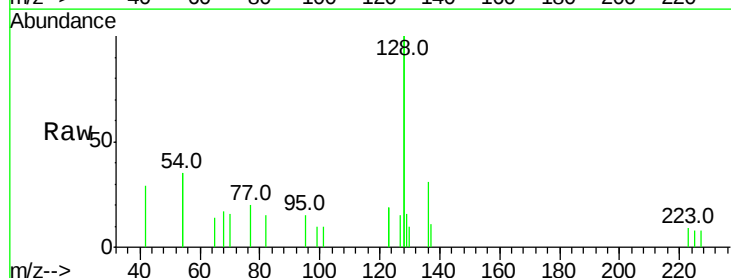
Tgt Ion: 128 Resp: 1666

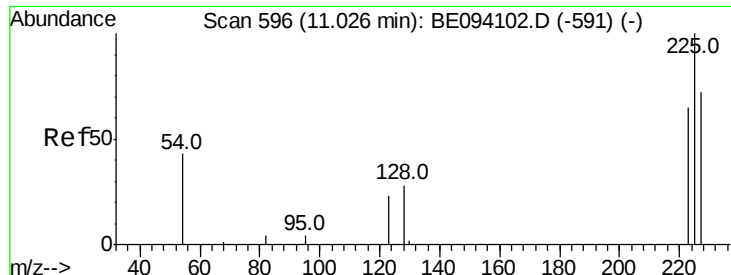
Ion Ratio Lower Upper

128 100

129 7.8 2.6 3.8#

127 7.4 2.8 4.2#

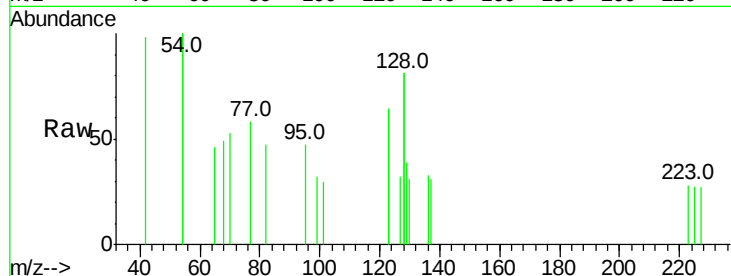




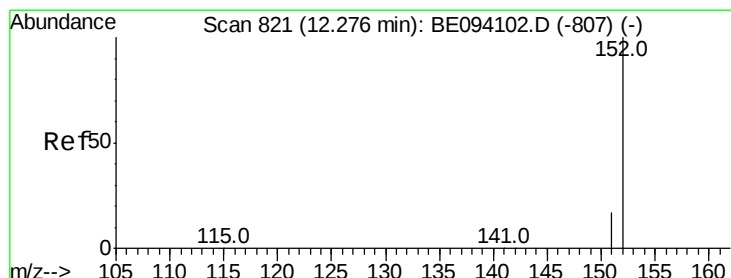
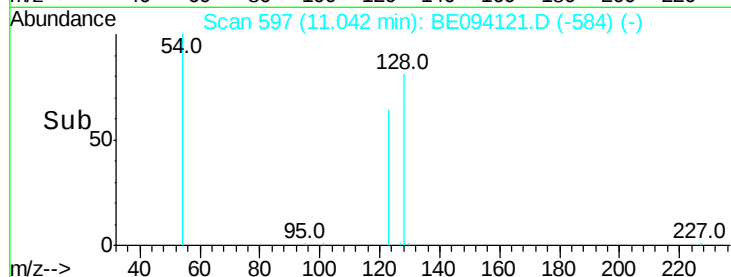
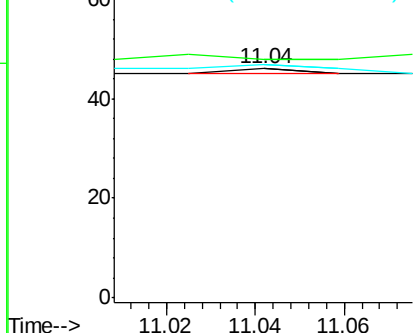
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.02 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 0.0 51.4 77.2#

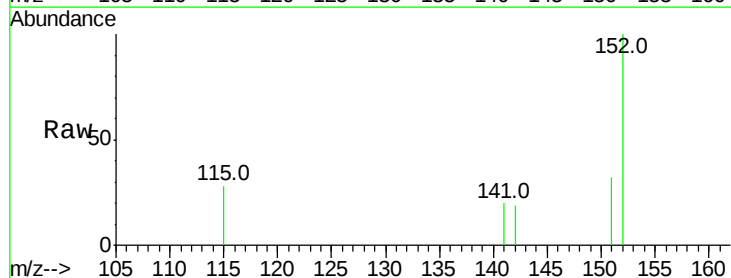


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

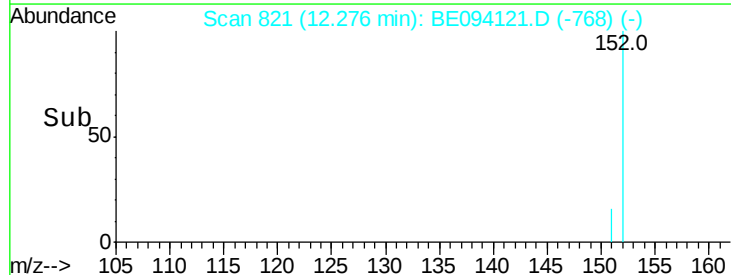
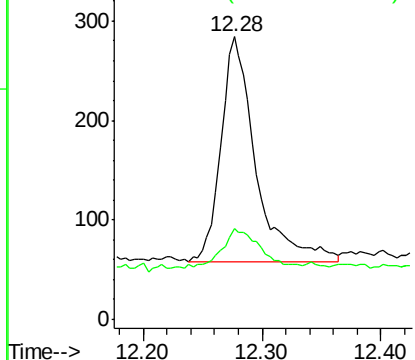


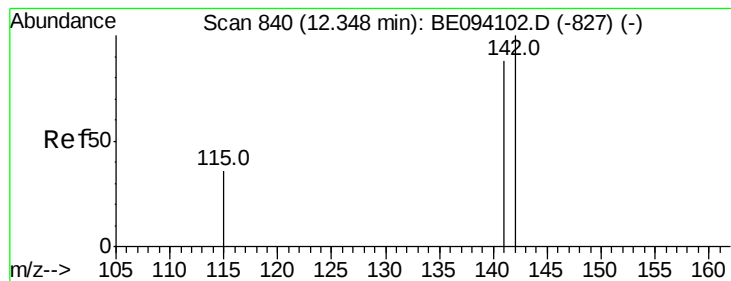
#11
2-Methylnaphthalene-d10
Concen: 0.039 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Tgt Ion:152 Resp: 463
Ion Ratio Lower Upper
152 100
151 18.1 15.4 23.0



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





#12

2-Methylnaphthalene

Concen: 0.008 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampled :

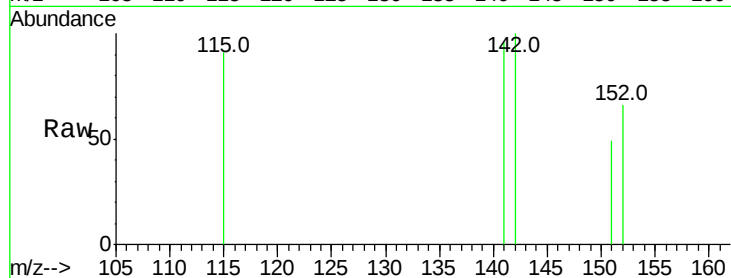
Tot Ion:142 Resp: 110

Ion Ratio Lower Upper

142 100

141 96.4 70.4 105.6

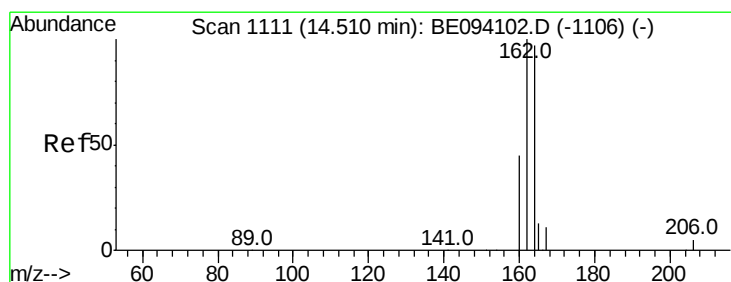
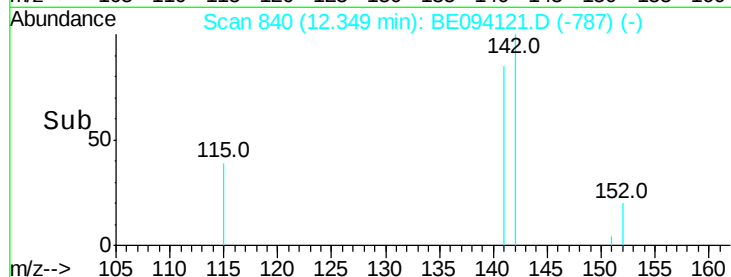
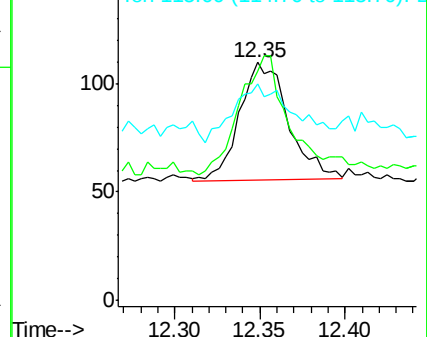
115 90.9 31.7 47.5#



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: BE094121.D

Acq: 26 Sep 2017 2:45

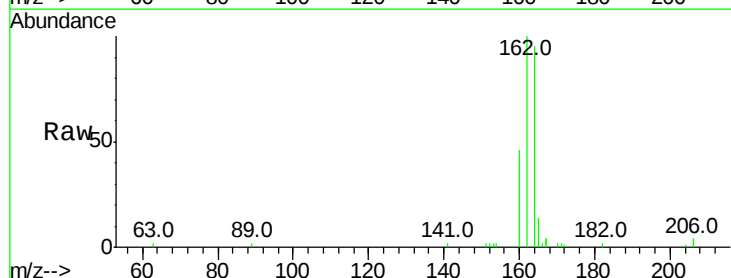
Tgt Ion:164 Resp: 5067

Ion Ratio Lower Upper

164 100

162 104.9 83.1 124.7

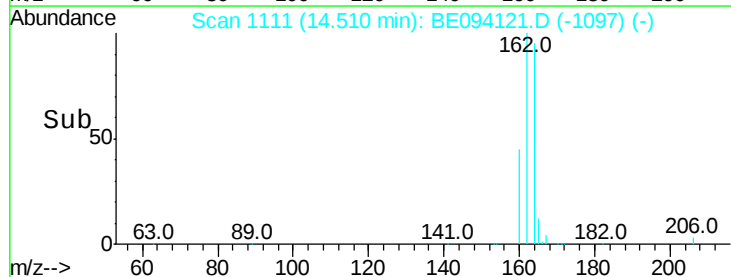
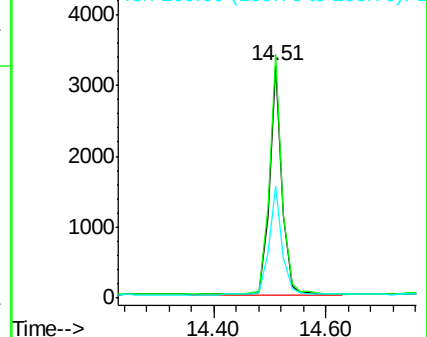
160 48.1 37.1 55.7

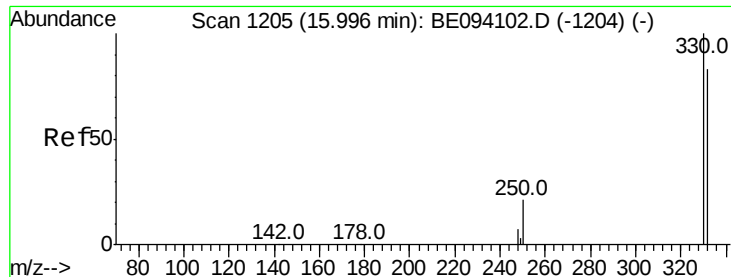


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

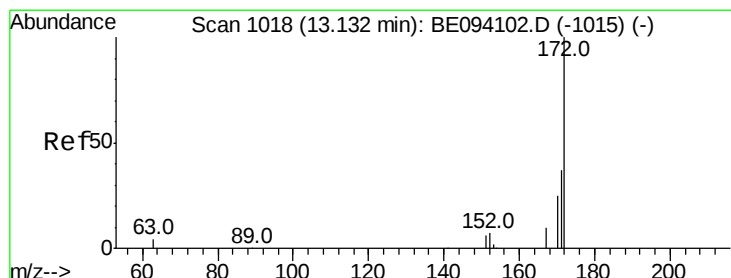
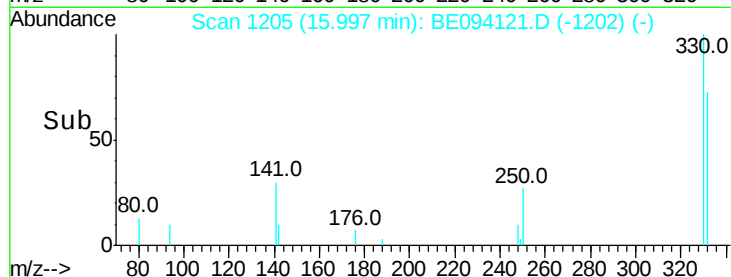
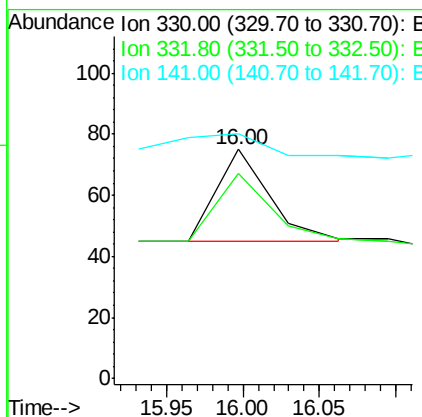
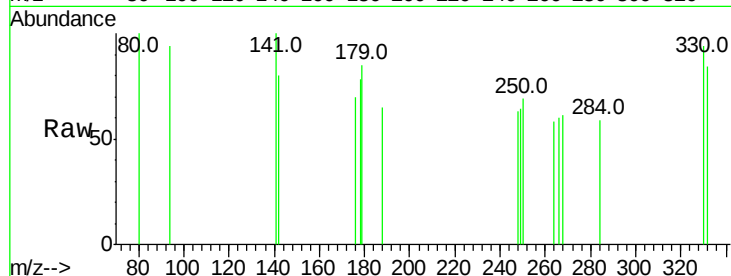




#14
 2,4,6-Tribromophenol
 Concen: -0.015 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094121.D
 Acq: 26 Sep 2017 2:45

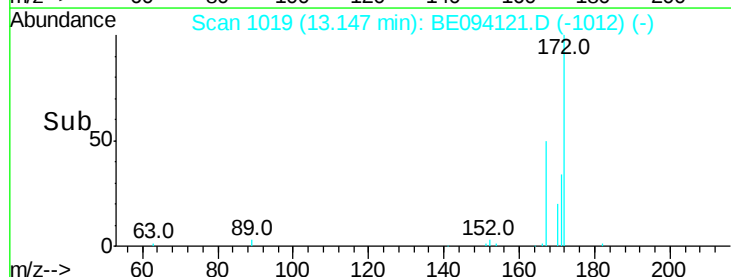
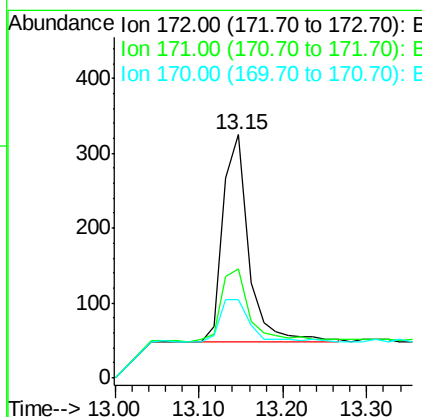
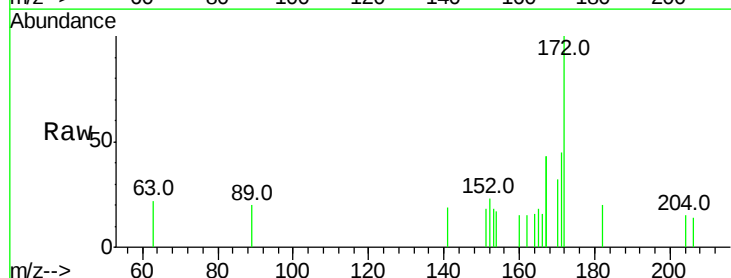
Instrument :
 BNA_E
 ClientSampled :

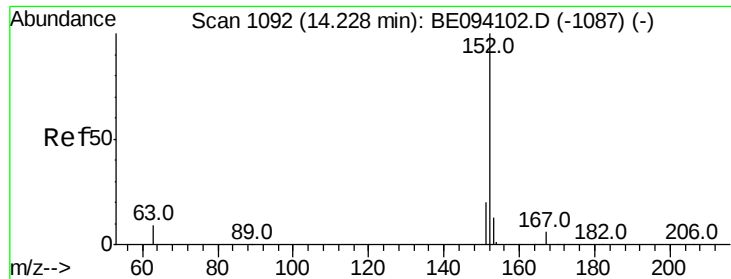
Tot Ion:330 Resp: 72
 Ion Ratio Lower Upper
 330 100
 332 76.4 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.035 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.02 min
 Lab File: BE094121.D
 Acq: 26 Sep 2017 2:45

Tgt Ion:172 Resp: 591
 Ion Ratio Lower Upper
 172 100
 171 44.6 29.9 44.9
 170 32.0 21.8 32.8





#16

Acenaphthylene

Concen: 0.025 ng

RT: 14.23 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampled :

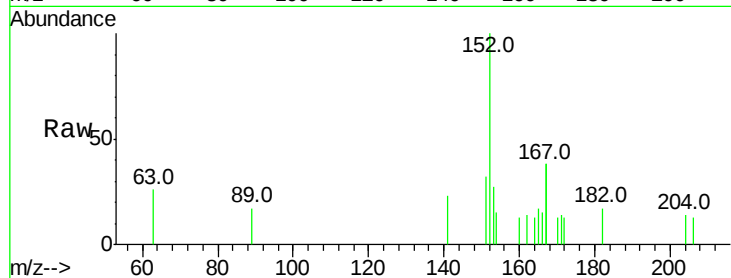
Tot Ion:152 Resp: 645

Ion Ratio Lower Upper

152 100

151 21.7 15.7 23.5

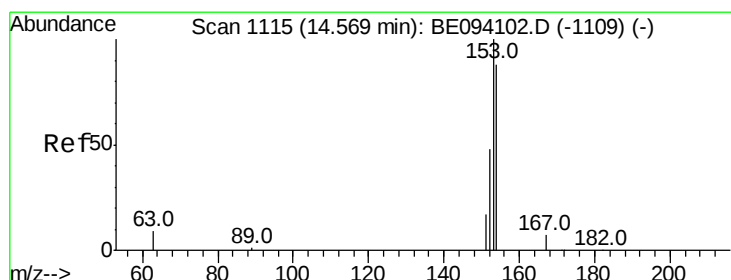
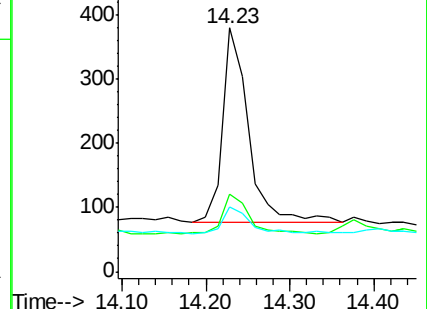
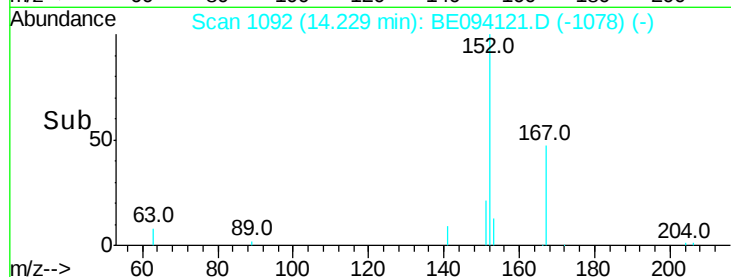
153 14.3 10.5 15.7



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: 0.117 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

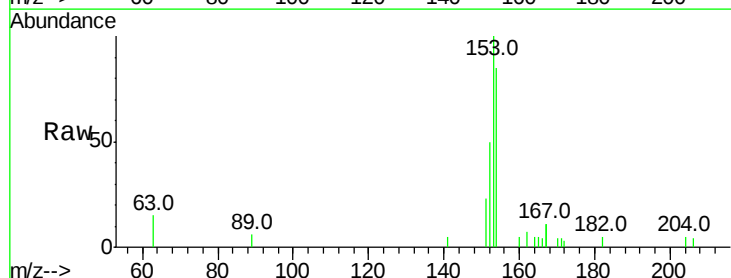
Tgt Ion:154 Resp: 1849

Ion Ratio Lower Upper

154 100

153 111.2 89.2 133.8

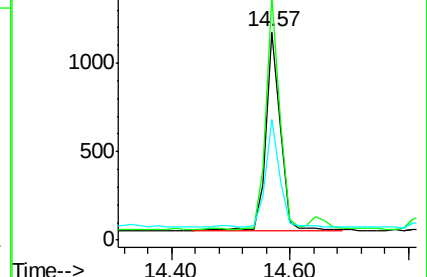
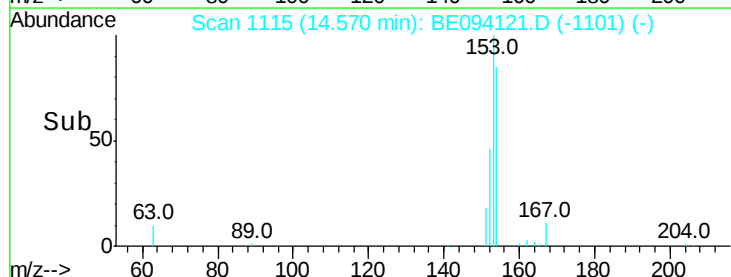
152 53.3 42.0 63.0

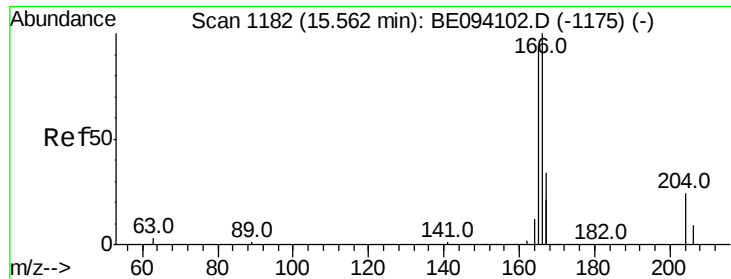


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.077 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampled :

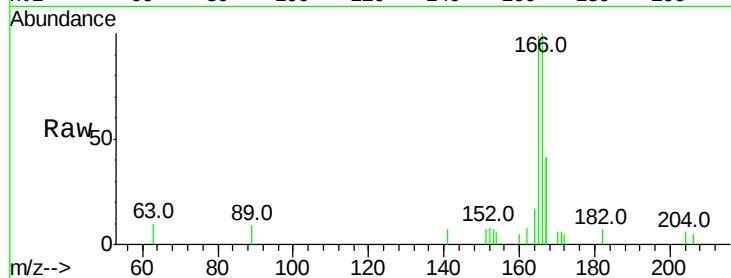
Tot Ion:166 Resp: 1651

Ion Ratio Lower Upper

166 100

165 102.7 77.8 116.6

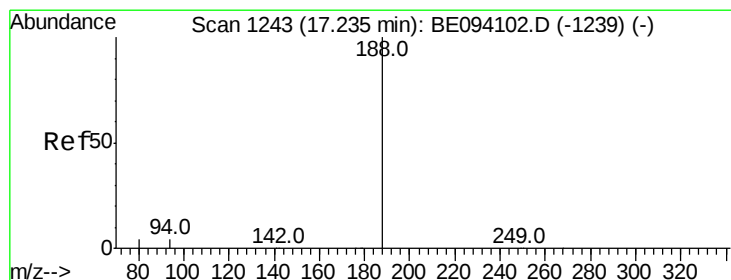
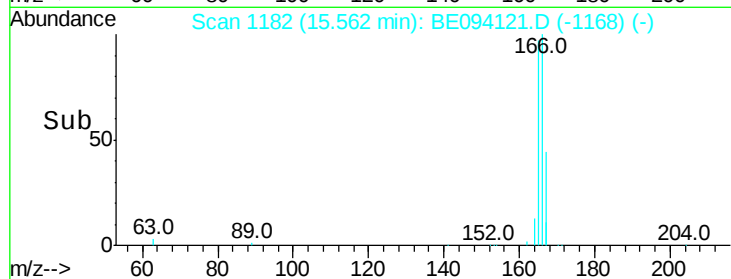
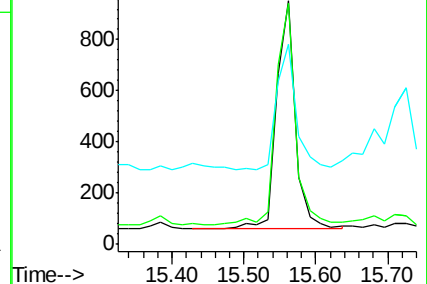
167 57.8 42.4 63.6



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: BE094121.D

Acq: 26 Sep 2017 2:45

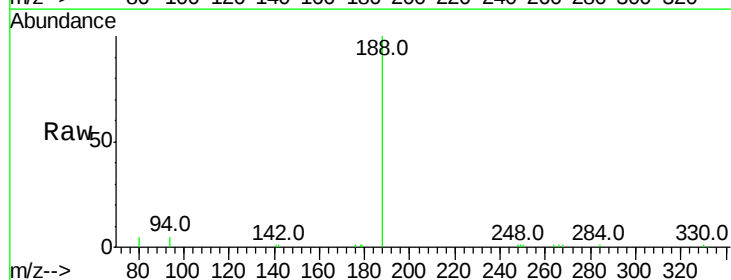
Tgt Ion:188 Resp: 18318

Ion Ratio Lower Upper

188 100

94 5.2 3.9 5.9

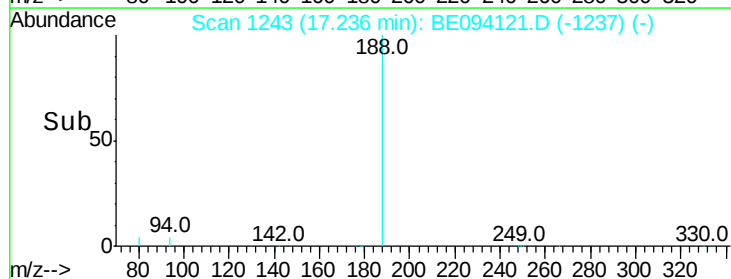
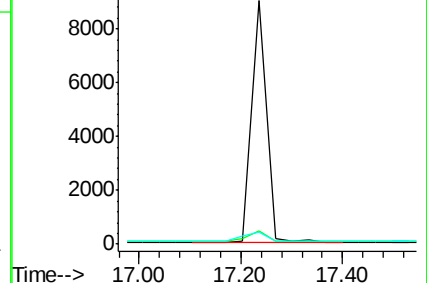
80 4.9 3.6 5.4

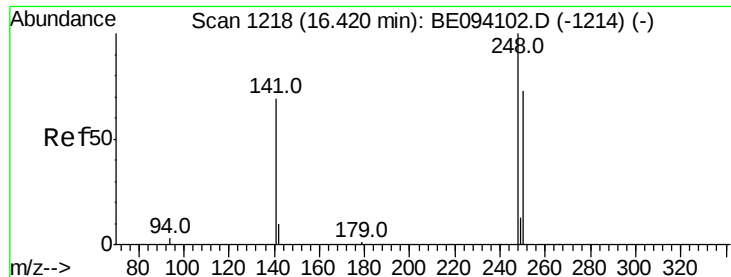


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

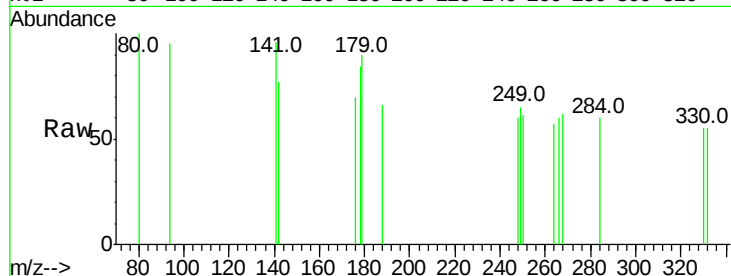




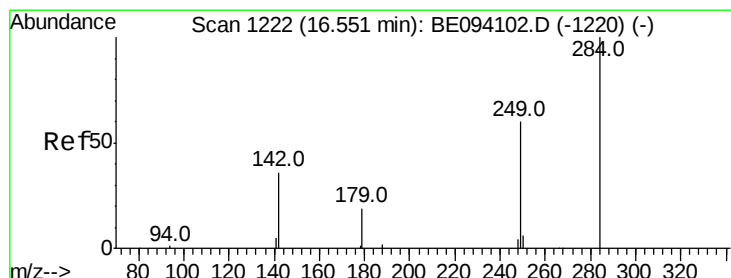
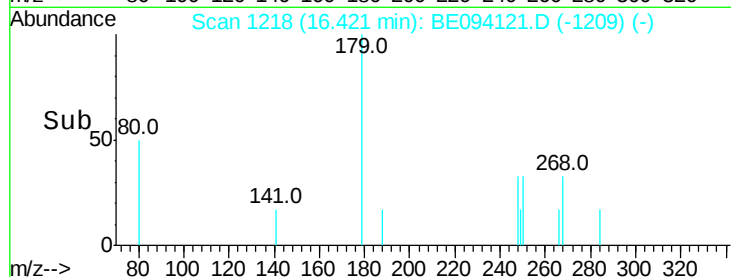
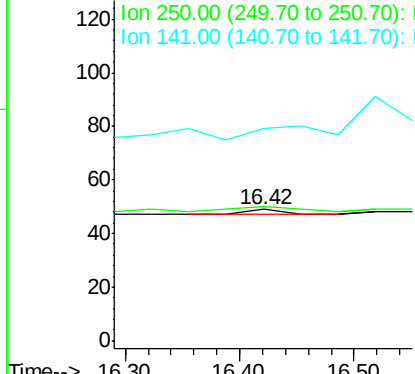
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 102.0 62.7 94.1#
141 161.2 48.2 72.2#

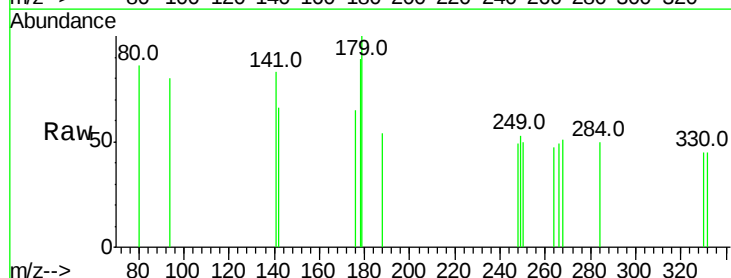


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

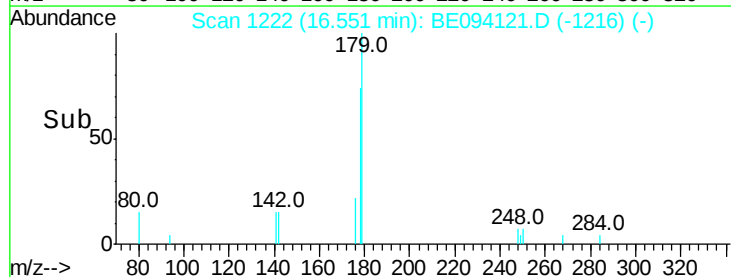
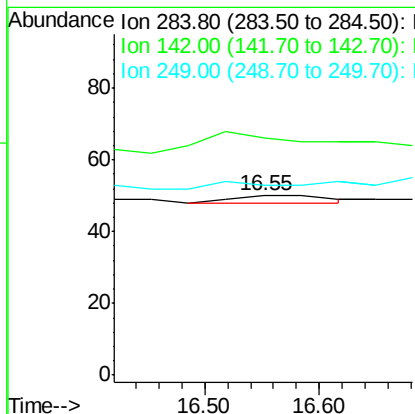


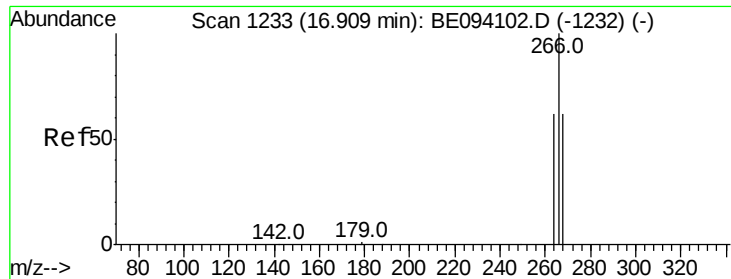
#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Tgt Ion:284 Resp: 12
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: 0.001 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

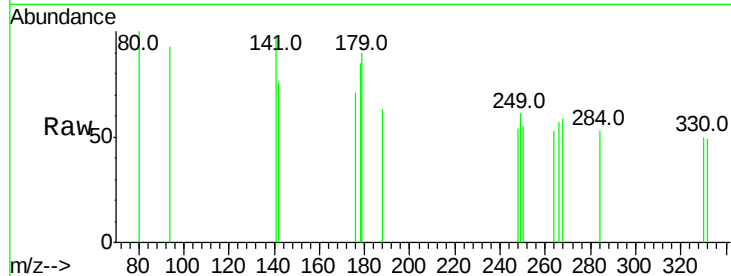
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

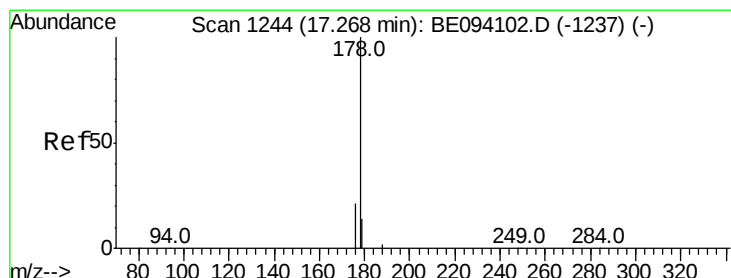
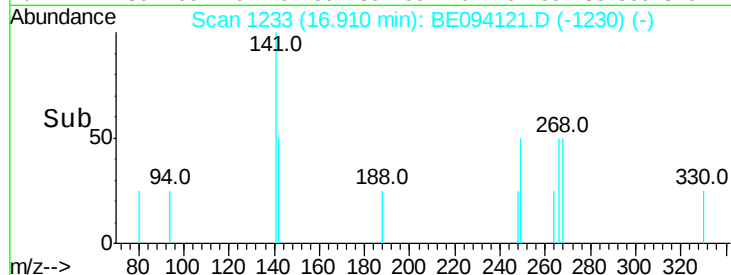
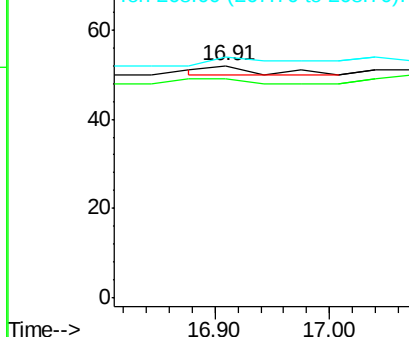
266 100

264 94.2 72.5 108.7

268 103.8 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: 1.027 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

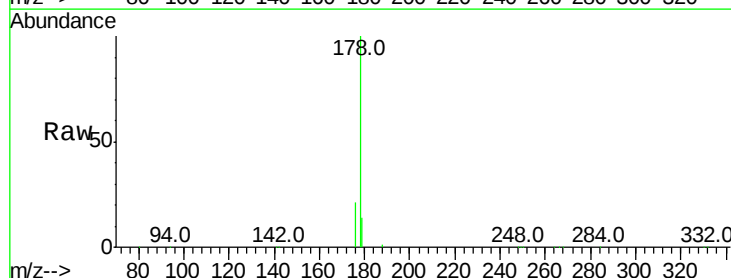
Tgt Ion:178 Resp: 48136

Ion Ratio Lower Upper

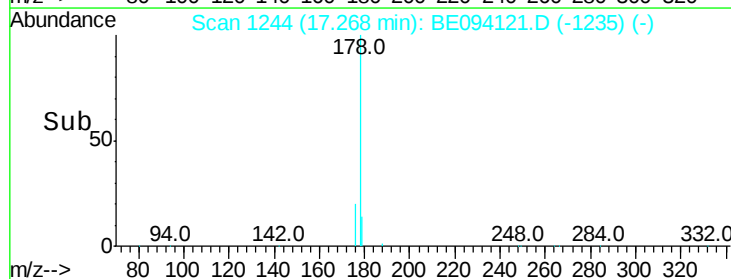
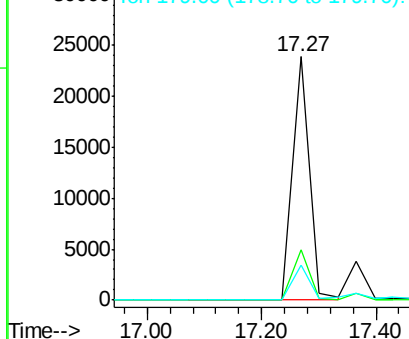
178 100

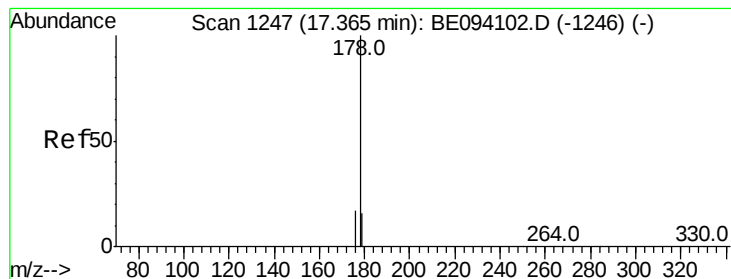
176 20.4 15.1 22.7

179 15.0 11.8 17.6



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





#24

Anthracene

Concen: 0.162 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

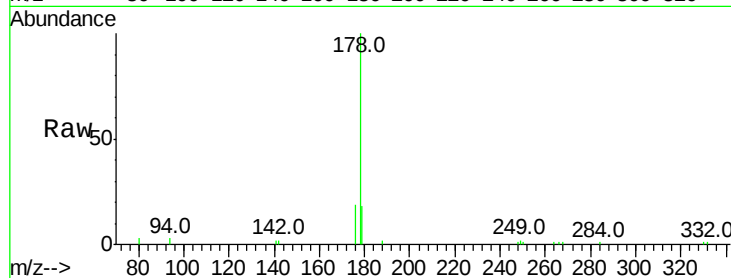
Tot Ion:178 Resp: 7952

Ion Ratio Lower Upper

178 100

176 16.8 12.8 19.2

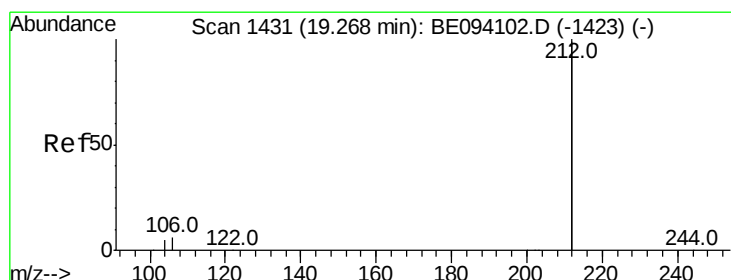
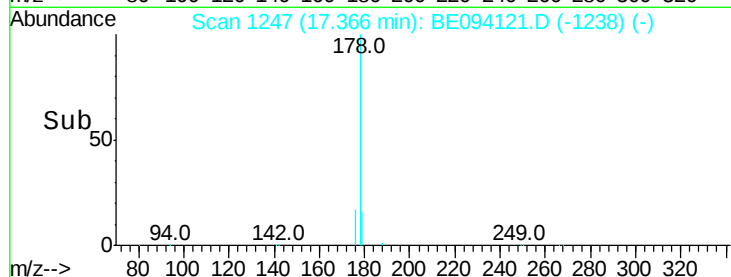
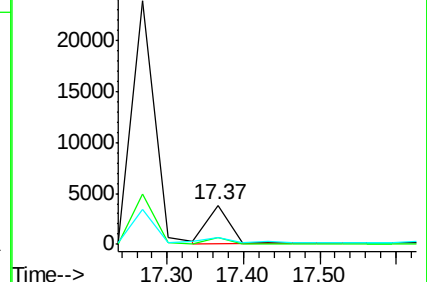
179 19.5 13.0 19.6



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: 0.029 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

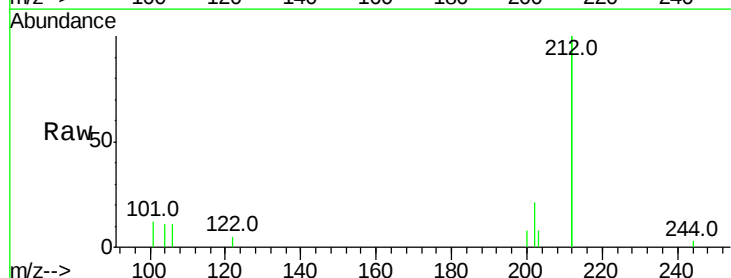
Tgt Ion:212 Resp: 5088

Ion Ratio Lower Upper

212 100

106 4.0 2.8 4.2

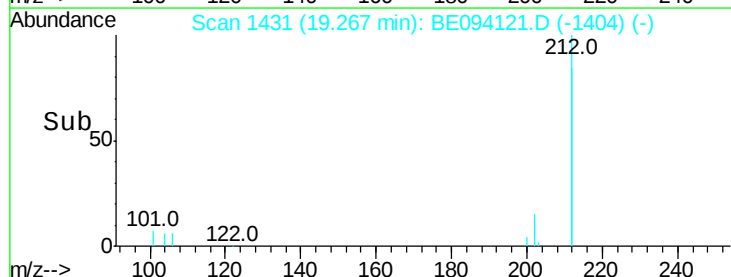
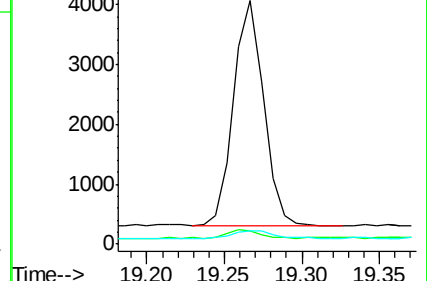
104 5.0 1.6 2.4#

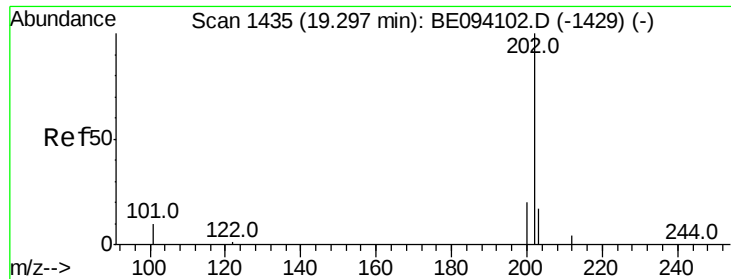


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 1.417 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

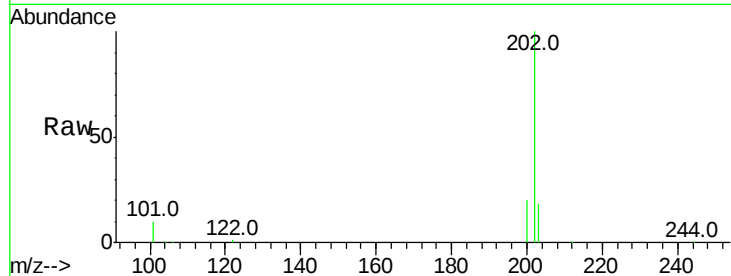
Tot Ion:202 Resp: 74404

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

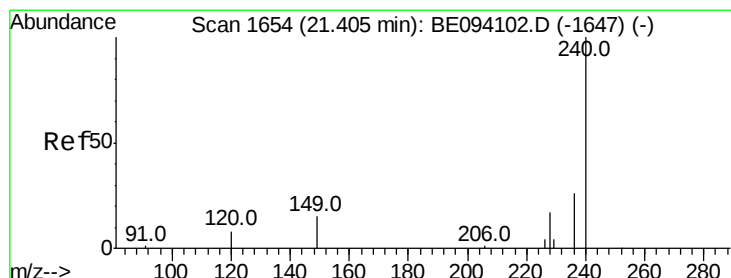
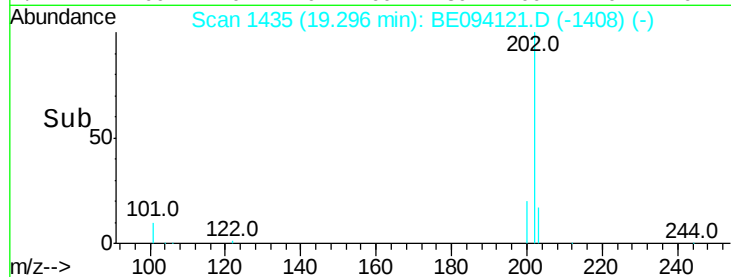
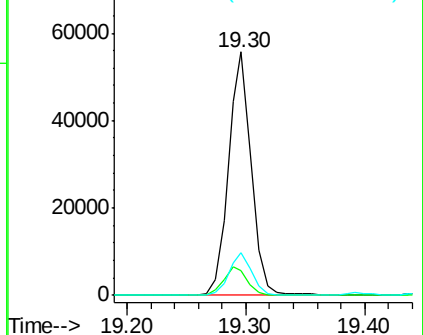
203 17.3 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

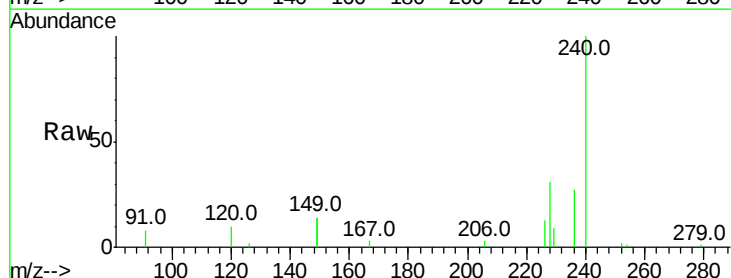
Tgt Ion:240 Resp: 14757

Ion Ratio Lower Upper

240 100

120 10.4 5.5 8.3#

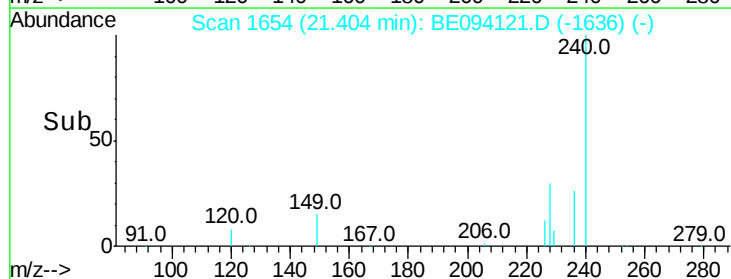
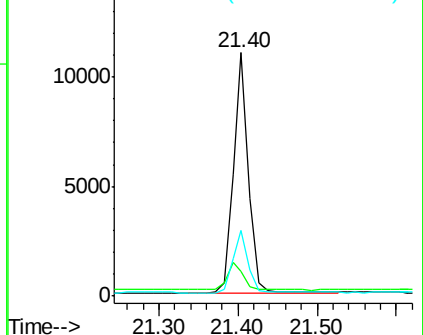
236 27.0 20.7 31.1

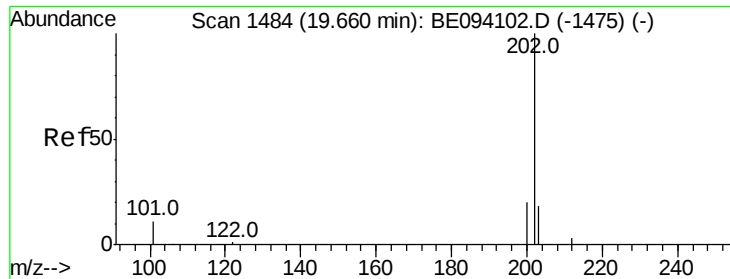


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

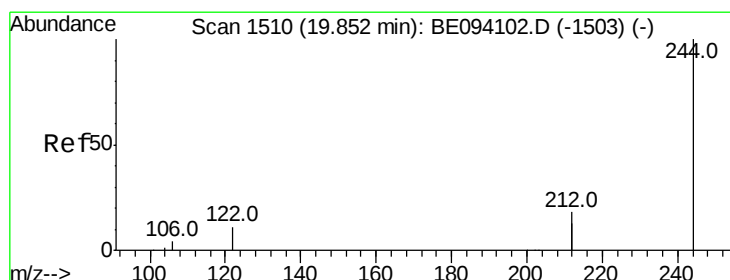
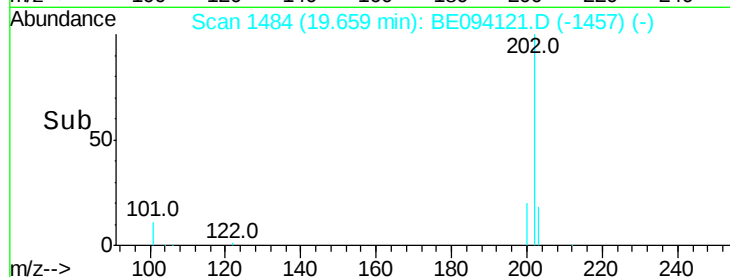
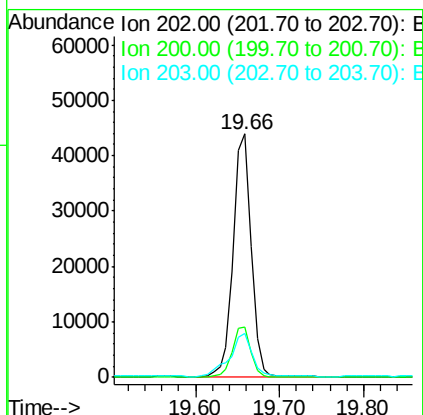
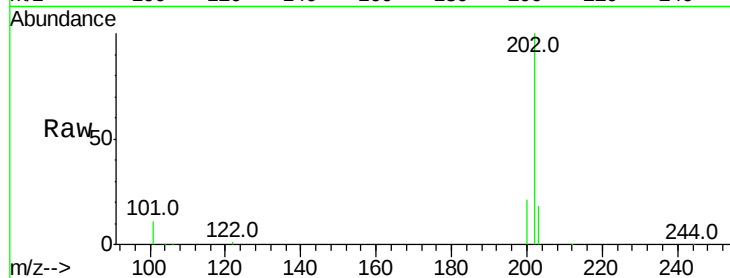




#28
Pvrene
Concen: 1.379 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

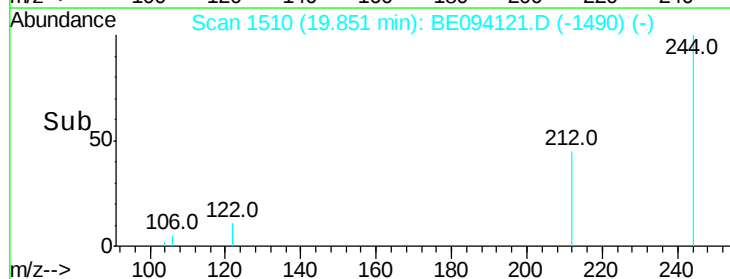
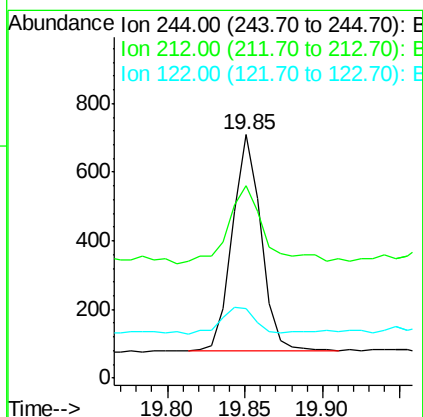
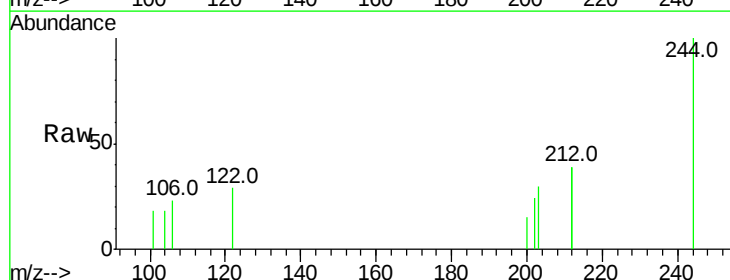
Instrument :
BNA_E
ClientSampleId :

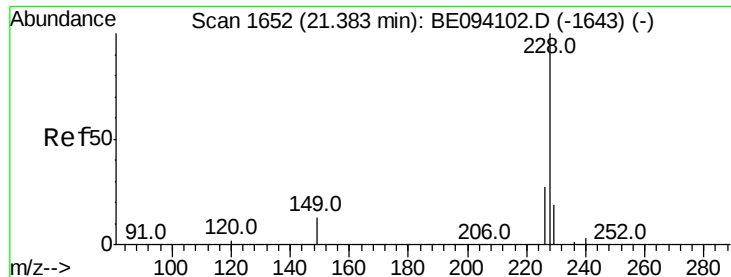
Tot Ion:202 Resp: 64459
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 22.1 13.8 20.8#



#29
Terphenyl-d14
Concen: 0.030 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Tgt Ion:244 Resp: 815
Ion Ratio Lower Upper
244 100
212 79.0 25.4 38.0#
122 28.6 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.567 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampled :

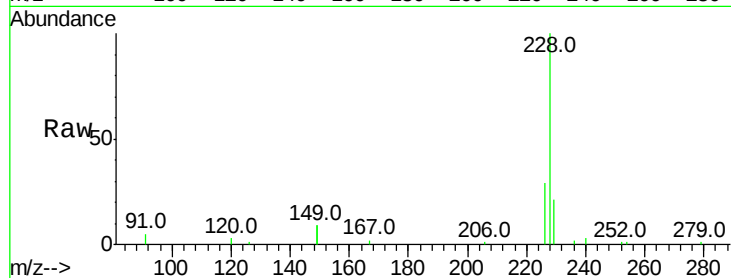
Tot Ion:228 Resp: 28155

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.0
229	21.1	16.4	24.6

228 100

226 28.7 21.4 32.0

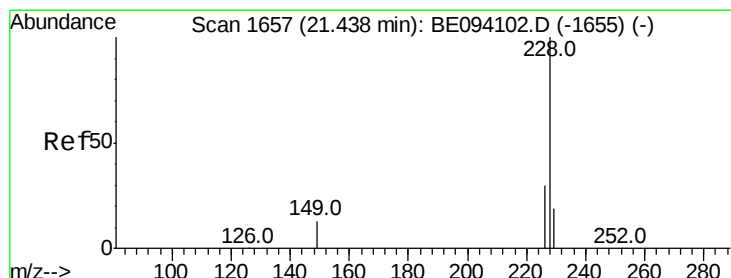
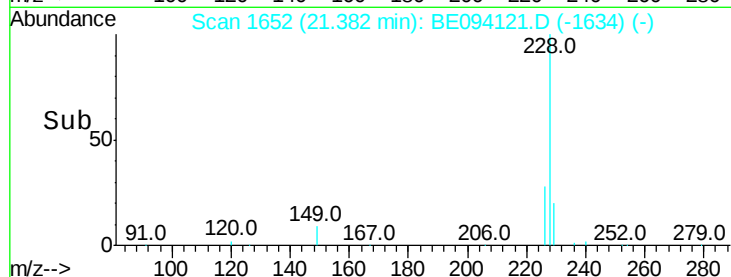
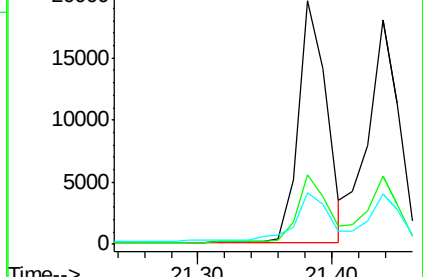
229 21.1 16.4 24.6



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: 0.595 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

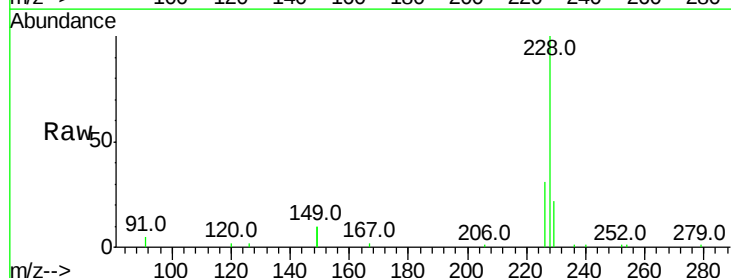
Tgt Ion:228 Resp: 28546

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	22.2	16.4	24.6

228 100

226 30.7 23.6 35.4

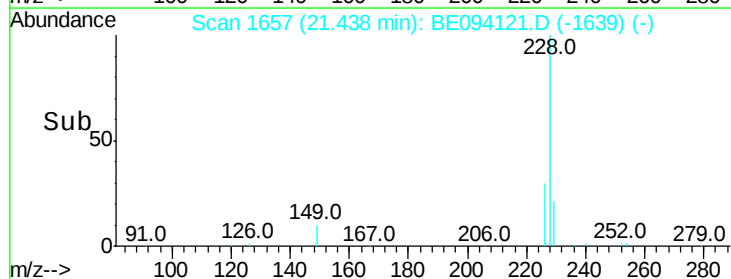
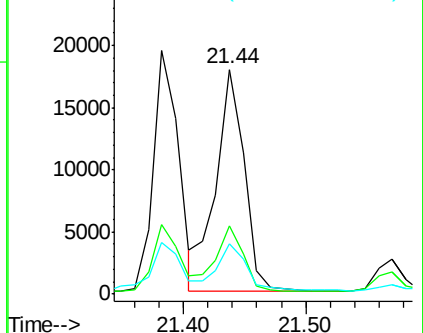
229 22.2 16.4 24.6

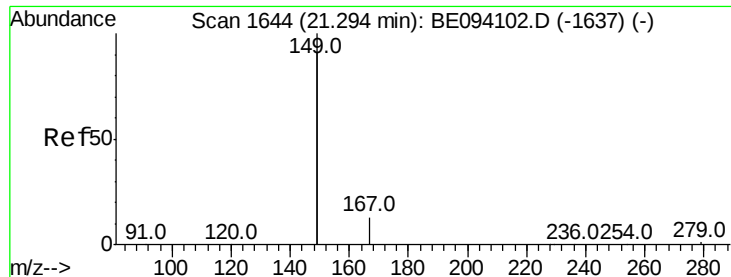


Abundance Ion 228.00 (227.70 to 228.70): E

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: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

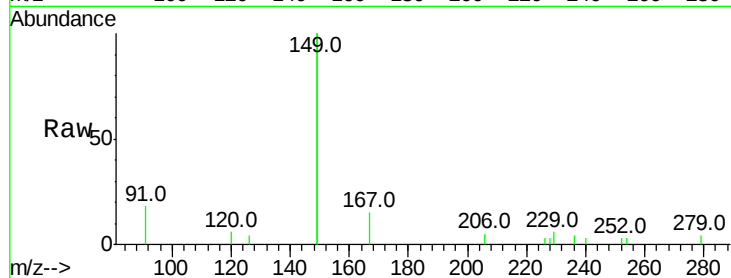
Tot Ion:149 Resp: 10839

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

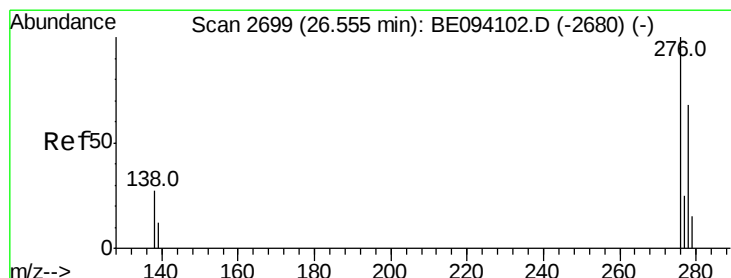
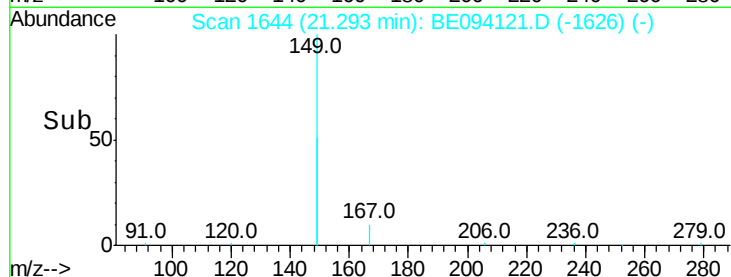
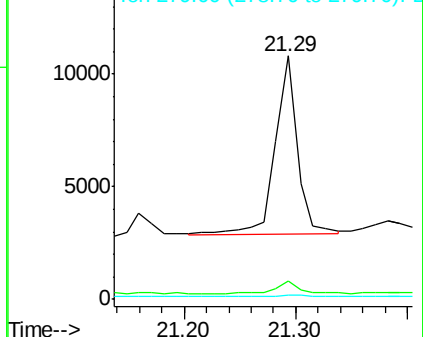
279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.320 ng

RT: 26.56 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

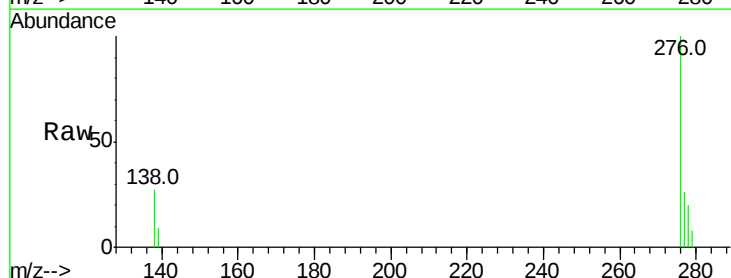
Tgt Ion:276 Resp: 16419

Ion Ratio Lower Upper

276 100

138 24.2 22.5 33.7

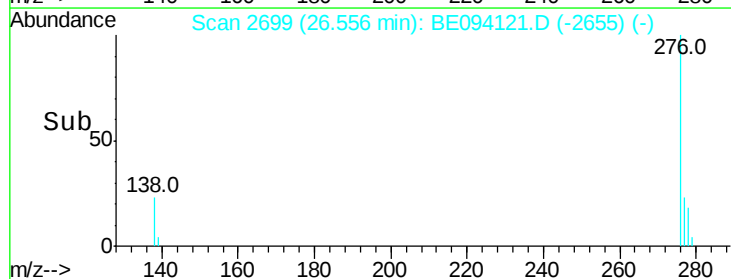
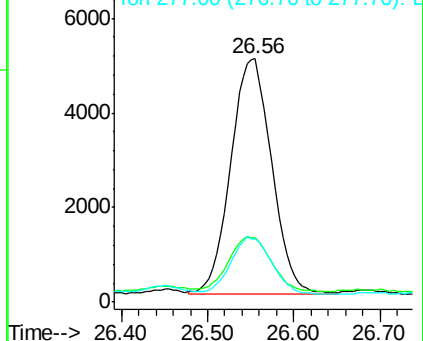
277 24.2 19.9 29.9

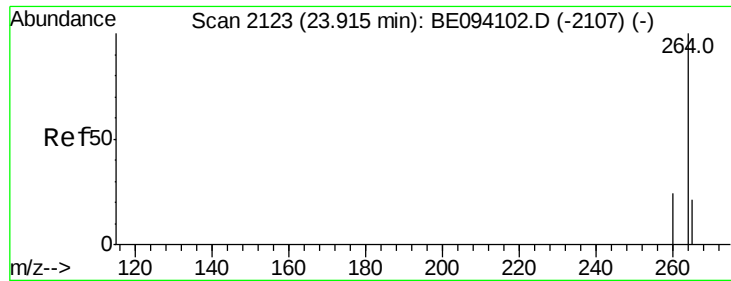


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

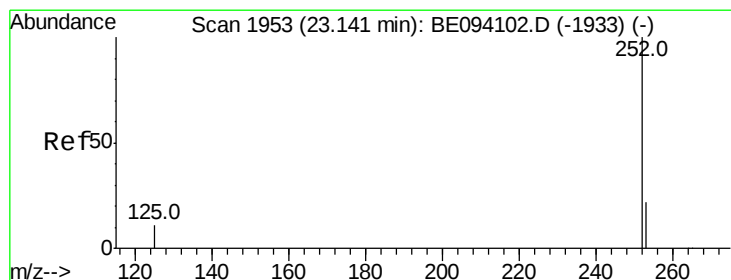
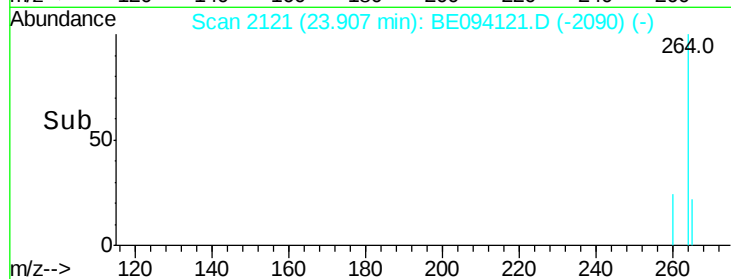
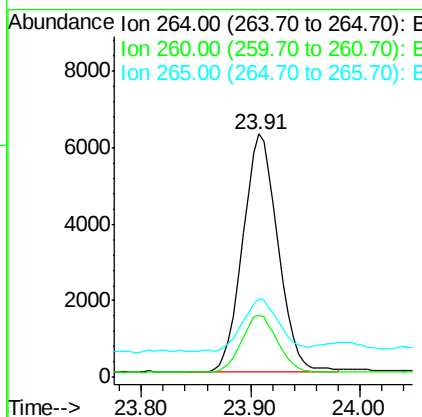
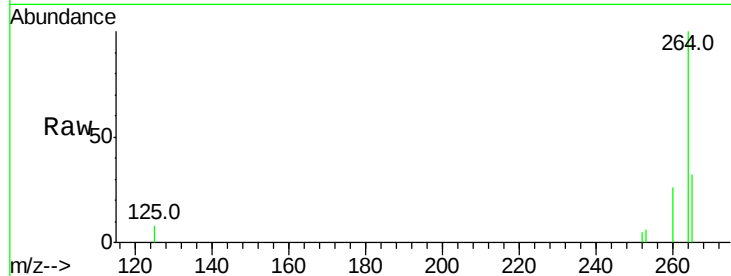




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

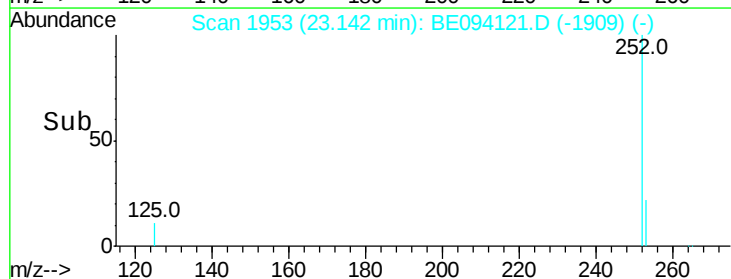
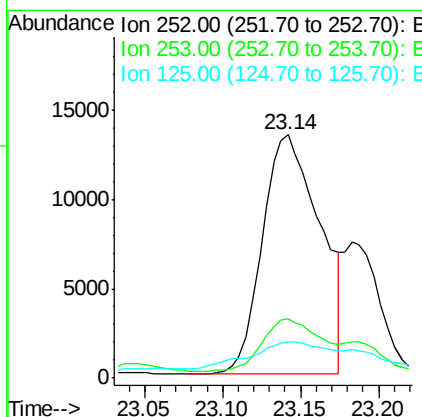
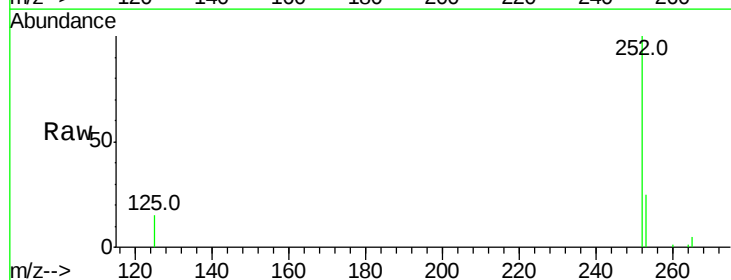
Instrument :
BNA_E
ClientSampleId :

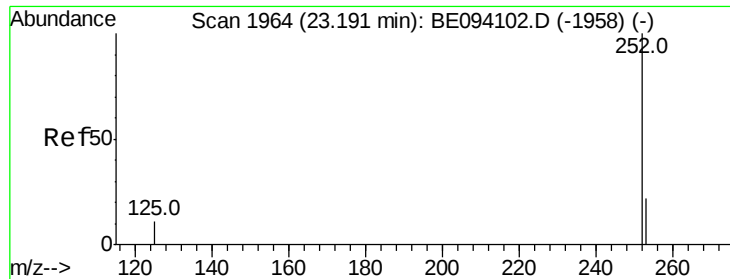
Tot Ion:264 Resp: 13879
Ion Ratio Lower Upper
264 100
260 25.6 20.5 30.7
265 32.0 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.687 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Tgt Ion:252 Resp: 34411
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 15.0 10.1 15.1





#36

Benzo(k)fluoranthene

Concen: 0.718 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

Instrument :

BNA_E

ClientSampleId :

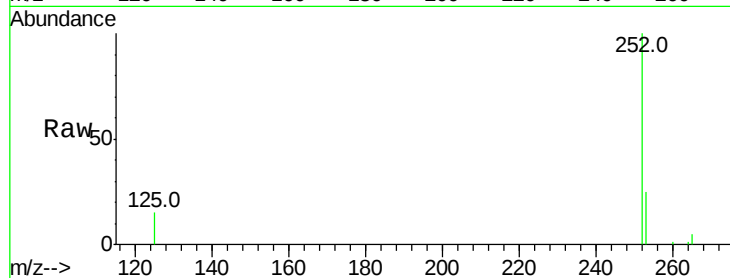
Tot Ion:252 Resp: 34411

Ion Ratio Lower Upper

252 100

253 24.6 18.6 27.8

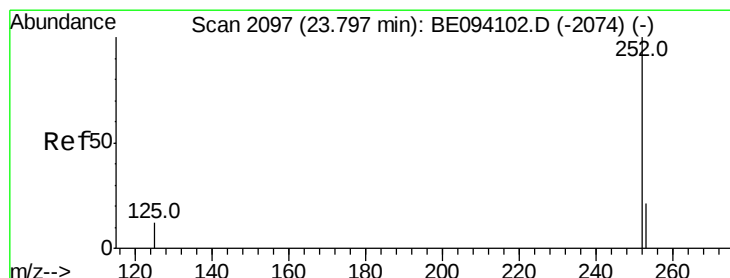
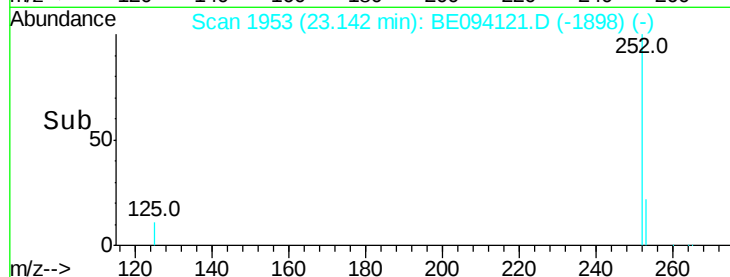
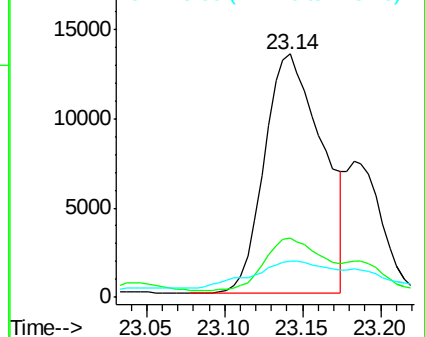
125 15.0 10.7 16.1



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: 0.549 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094121.D

Acq: 26 Sep 2017 2:45

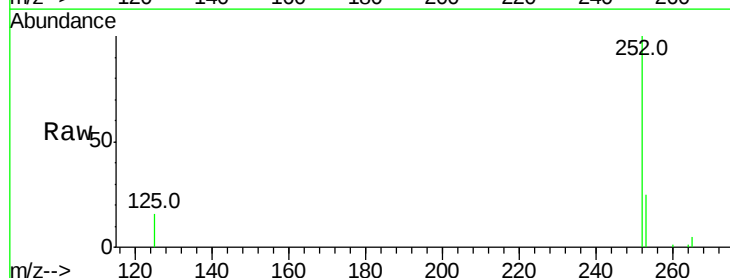
Tgt Ion:252 Resp: 24856

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.6

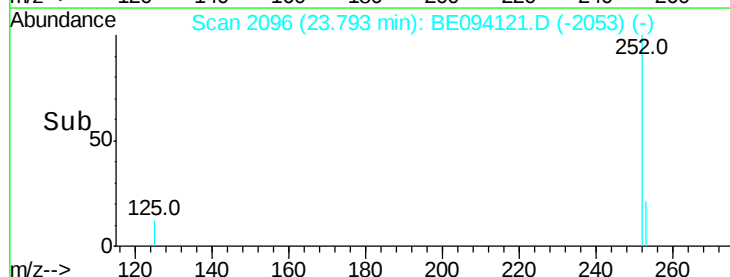
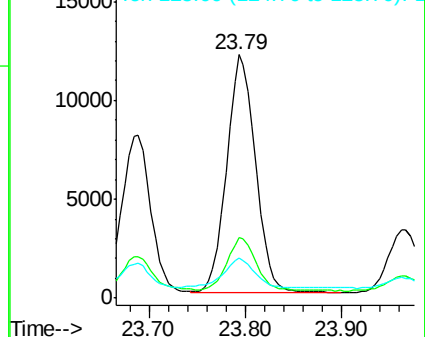
125 16.4 11.8 17.8

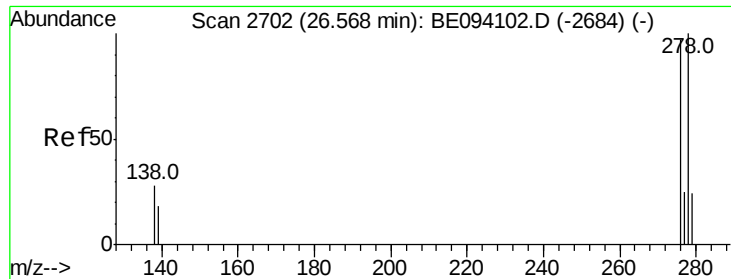


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

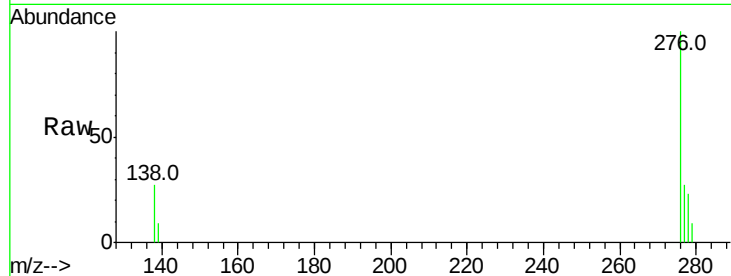




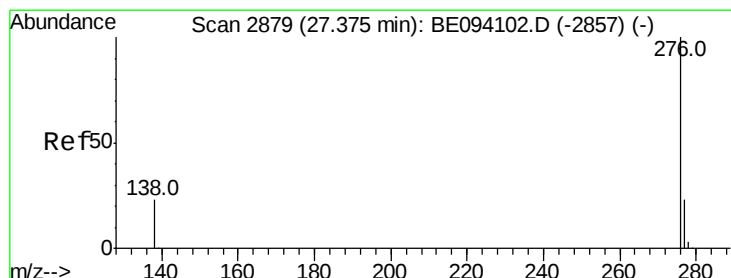
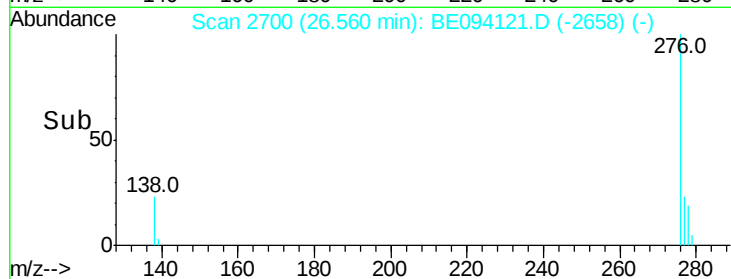
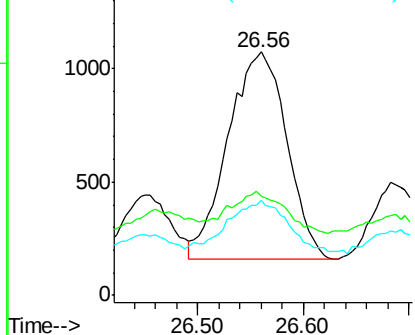
#38
Dibenzo(a,h)anthracene
Concen: 0.083 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3550
Ion Ratio Lower Upper
278 100
139 40.7 16.3 24.5#
279 39.0 19.9 29.9#

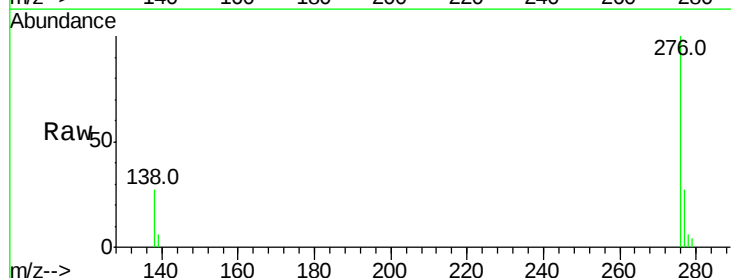


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39
Benzo(g,h,i)perylene
Concen: 0.393 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094121.D
Acq: 26 Sep 2017 2:45

Tgt Ion:276 Resp: 16658
Ion Ratio Lower Upper
276 100
277 26.7 20.8 31.2
138 27.1 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

