

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093955.D
 Acq On : 11 Sep 2017 10:22
 Operator : SJ/JU
 Sample : PB102204BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Quant Time: Sep 12 07:39:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2118	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10141	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6033	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12345	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17294	0.40	ng	0.00
34) Perylene-d12	23.94	264	13237	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1985	0.29	ng	0.00
5) Phenol-d6	7.13	99	2612	0.25	ng	0.01
8) Nitrobenzene-d5	9.08	82	2429	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	4795	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	553	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	6361	0.27	ng	0.00
25) Fluoranthene-d10	19.28	212	51785	0.28	ng	0.00
29) Terphenyl-d14	19.87	244	9824	0.31	ng	0.00

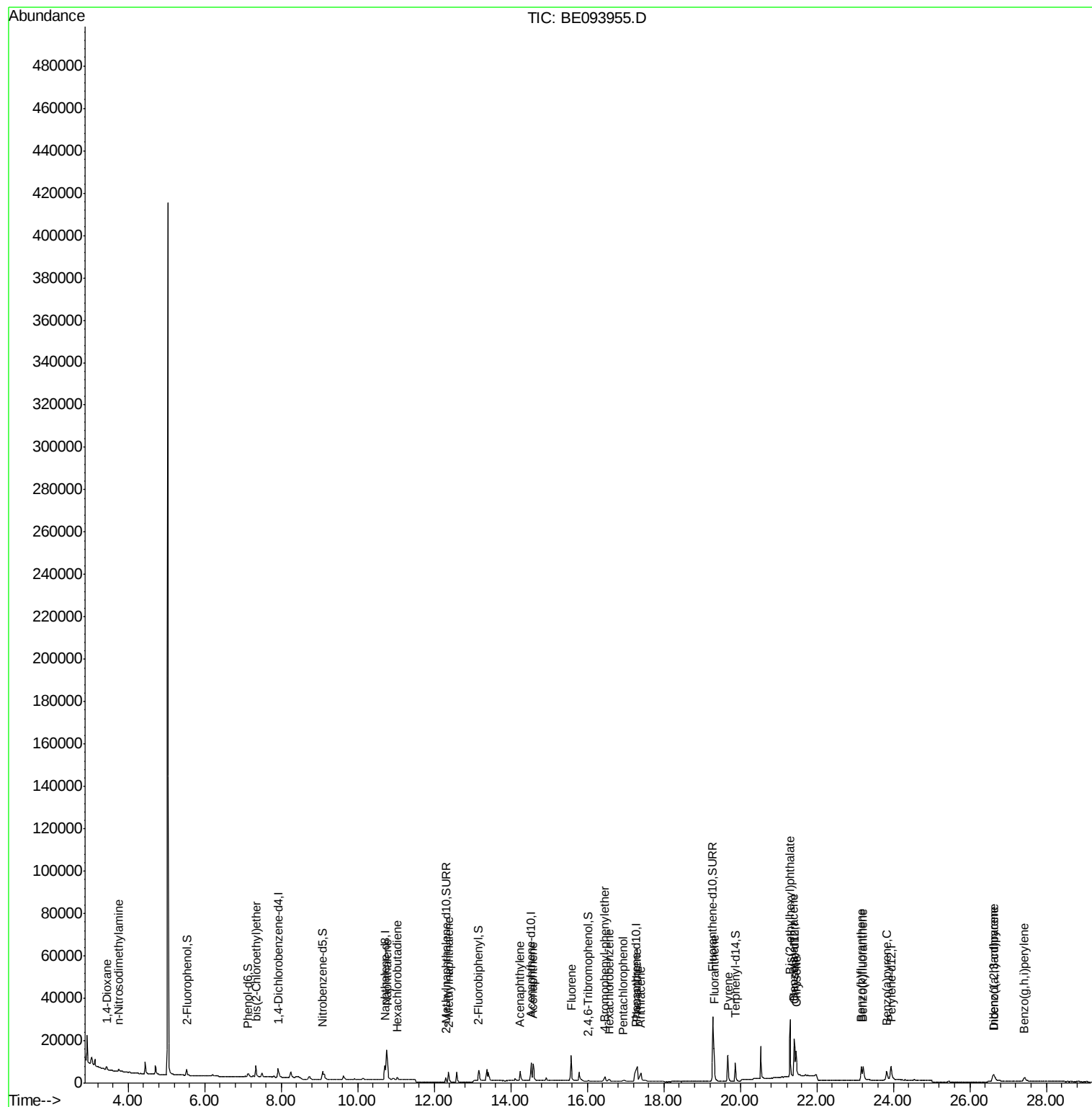
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	867	0.297	ng	# 14
3) n-Nitrosodimethylamine	3.75	42	1100	0.322	ng	# 84
6) bis(2-Chloroethyl)ether	7.34	93	2150	0.256	ng	87
9) Naphthalene	10.76	128	29144	0.251	ng	99
10) Hexachlorobutadiene	11.04	225	1057	0.250	ng	99
12) 2-Methylnaphthalene	12.37	142	4955	0.257	ng	97
16) Acenaphthylene	14.24	152	7057	0.234	ng	100
17) Acenaphthene	14.58	154	5063	0.249	ng	99
18) Fluorene	15.58	166	6776	0.258	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1881	0.227	ng	83
21) Hexachlorobenzene	16.58	284	1717	0.236	ng	# 100
22) Pentachlorophenol	16.94	266	827	0.422	ng	98
23) Phenanthrene	17.30	178	13193	0.279	ng	# 100
24) Anthracene	17.40	178	7064	0.188	ng	# 56
26) Fluoranthene	19.31	202	13981	0.254	ng	100
28) Pyrene	19.67	202	14273	0.240	ng	99
30) Benzo(a)anthracene	21.40	228	12054	0.227	ng	98
31) Chrysene	21.46	228	14198	0.253	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	33968	0.263	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	7912	0.211	ng	98
35) Benzo(b)fluoranthene	23.16	252	10550	0.250	ng	96
36) Benzo(k)fluoranthene	23.21	252	13436	0.260	ng	# 94
37) Benzo(a)pyrene	23.83	252	10813	0.252	ng	# 93
38) Dibenzo(a,h)anthracene	26.63	278	6129	0.215	ng	# 88
39) Benzo(g,h,i)perylene	27.43	276	7200	0.240	ng	96

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093955.D
Acq On : 11 Sep 2017 10:22
Operator : SJ/JU
Sample : PB102204BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102204BSD

Quant Time: Sep 12 07:39:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

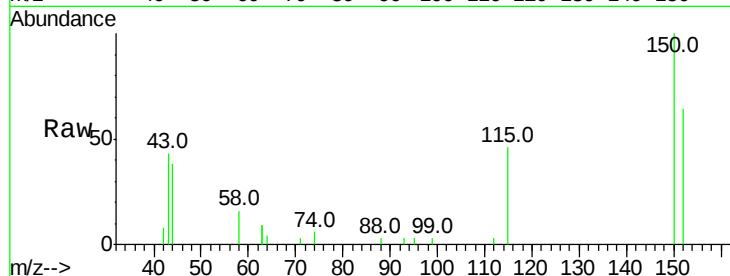
Tot Ion:152 Resp: 2118

Ion Ratio Lower Upper

152 100

150 155.7 121.8 182.6

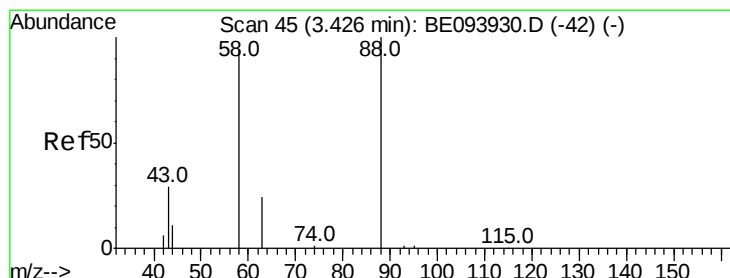
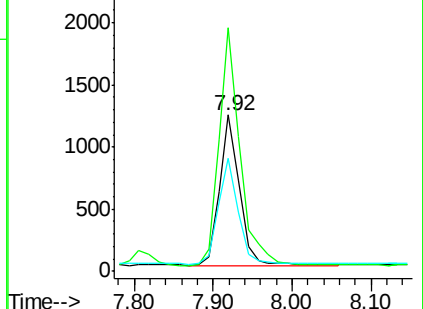
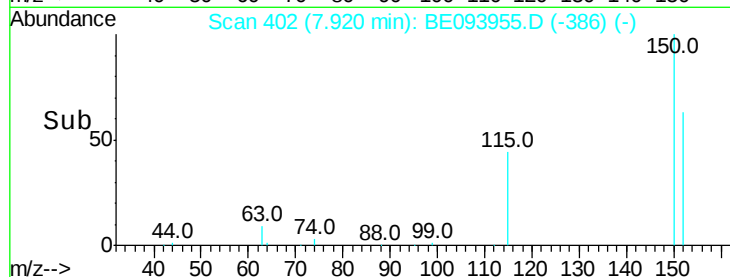
115 71.9 52.6 79.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.297 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

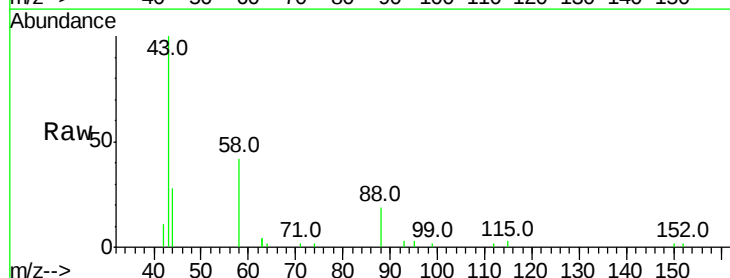
Tgt Ion: 88 Resp: 867

Ion Ratio Lower Upper

88 100

58 167.9 65.4 98.0#

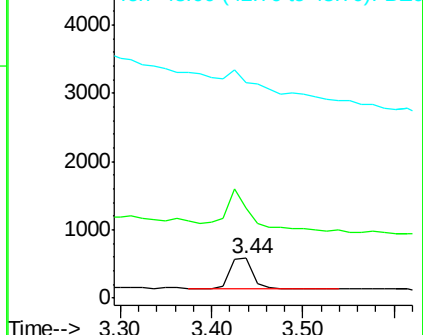
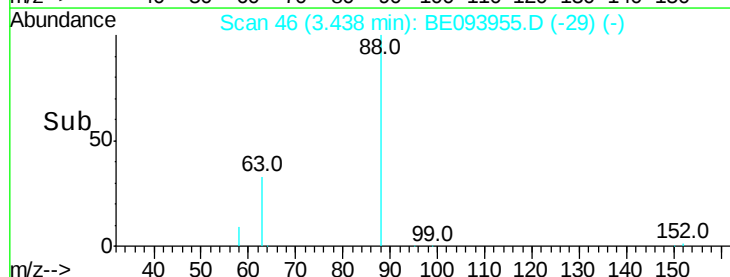
43 0.0 23.9 35.9#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.322 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

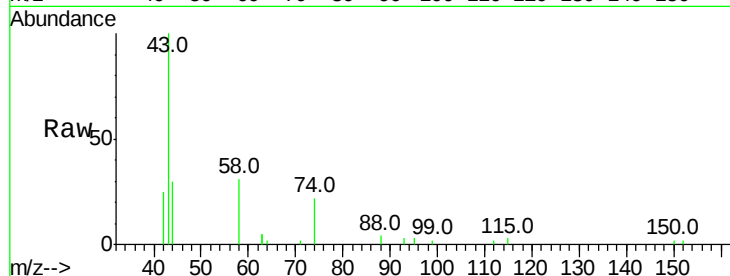
Tot Ion: 42 Resp: 1100

Ion Ratio Lower Upper

42 100

74 115.5 104.0 156.0

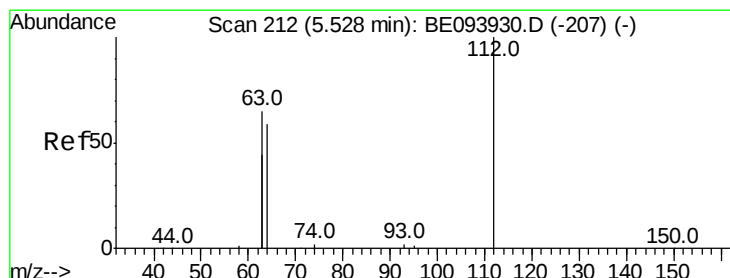
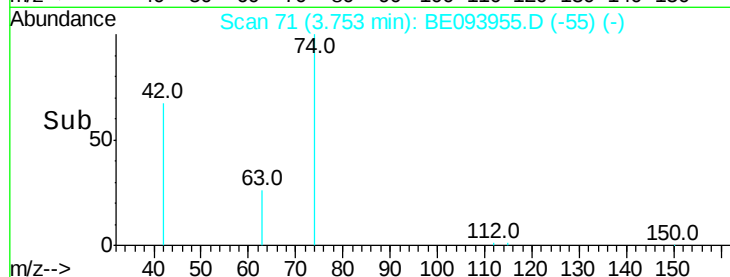
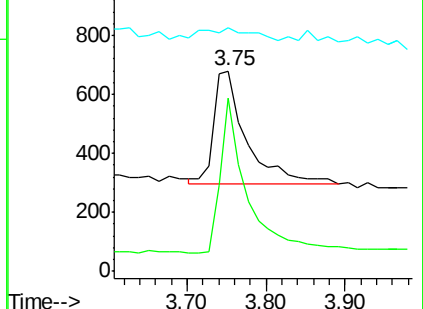
44 0.0 13.8 20.8#



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: 0.290 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

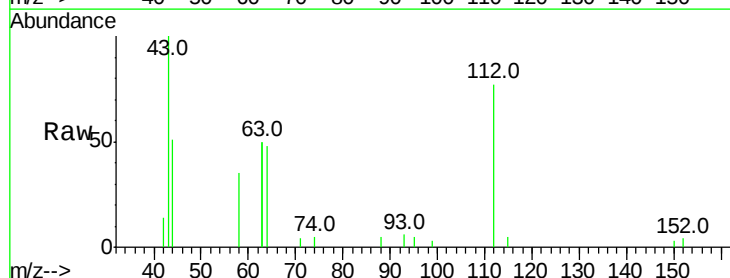
Tgt Ion: 112 Resp: 1985

Ion Ratio Lower Upper

112 100

64 72.9 57.7 86.5

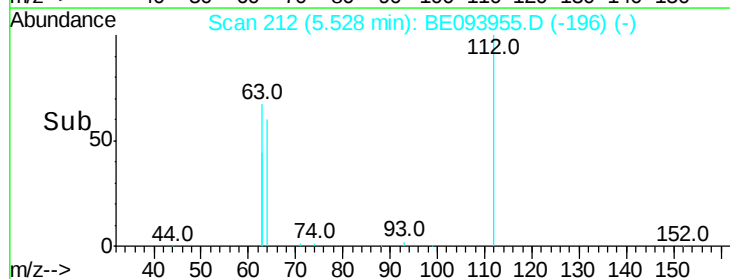
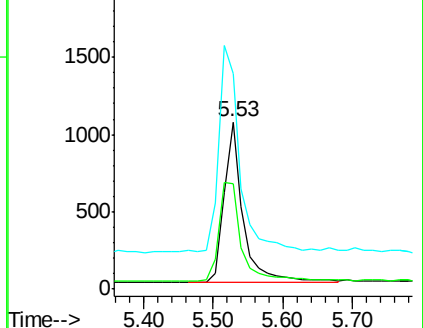
63 141.2 116.0 174.0

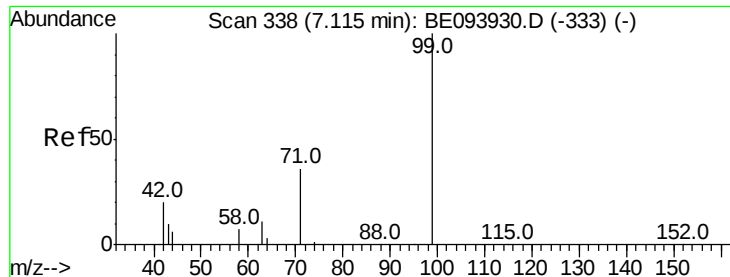


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.254 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

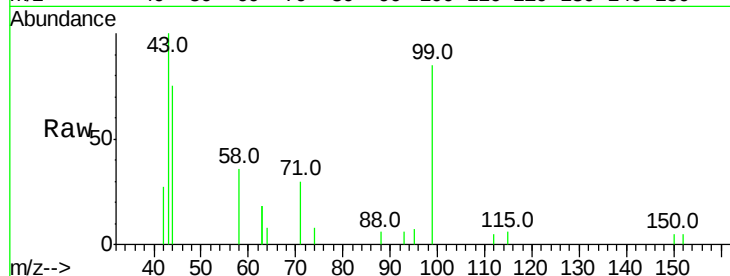
Tot Ion: 99 Resp: 2612

Ion Ratio Lower Upper

99 100

42 21.1 17.1 25.7

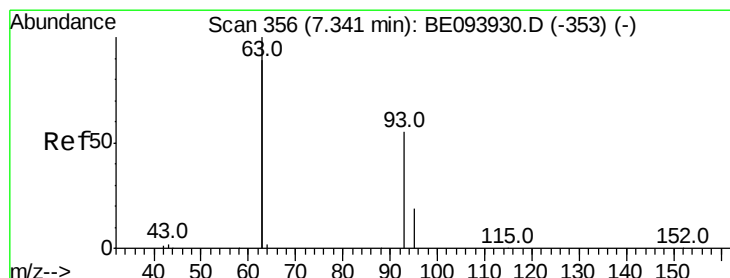
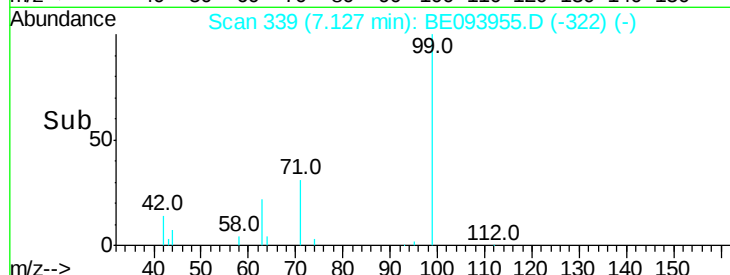
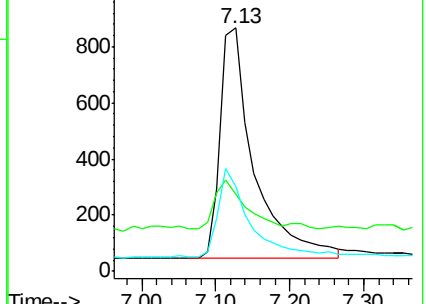
71 36.4 26.6 39.8



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: 0.256 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

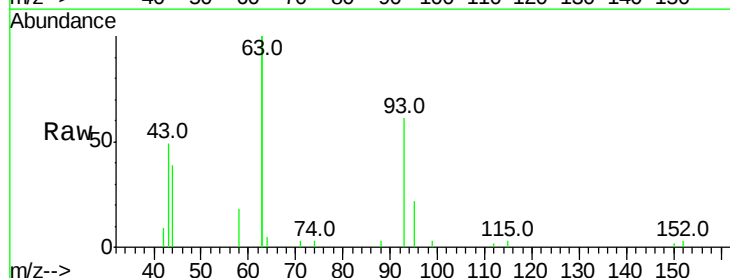
Tgt Ion: 93 Resp: 2150

Ion Ratio Lower Upper

93 100

63 325.1 283.4 425.2

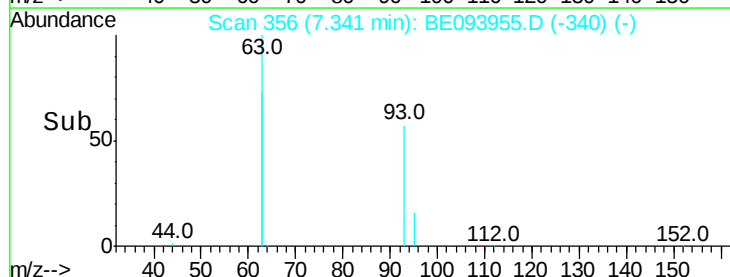
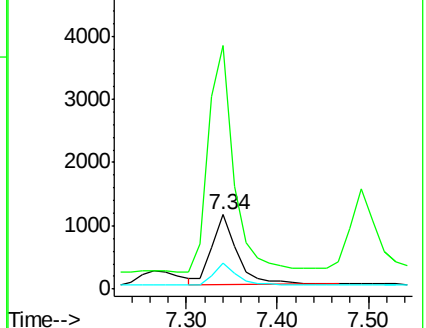
95 29.4 26.9 40.3

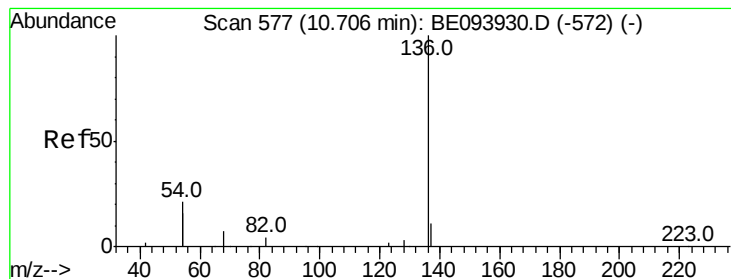


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

Tot Ion:136 Resp: 10141

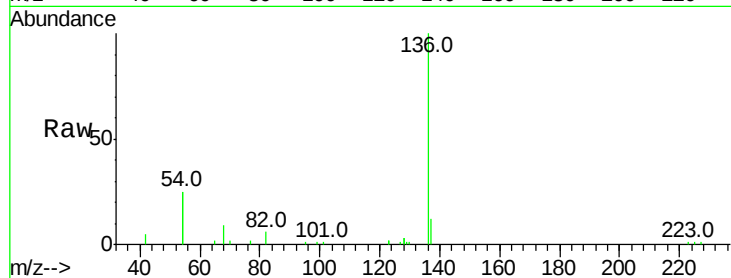
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 49.3 21.9 32.9#

68 9.4 4.6 7.0#

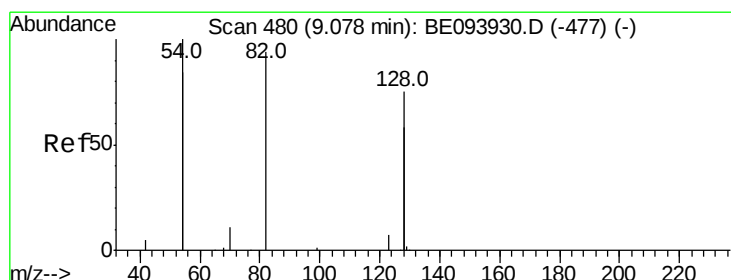
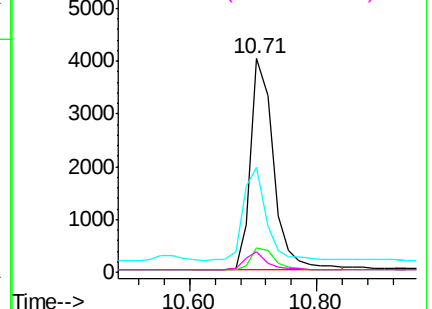
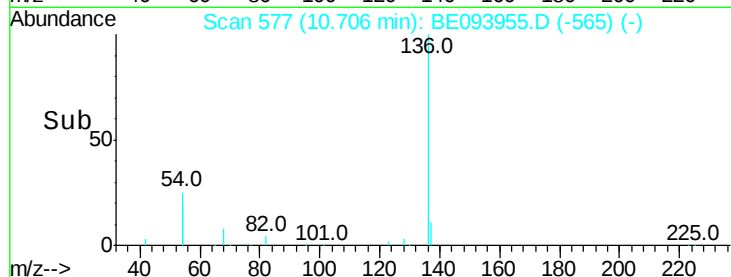


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.283 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

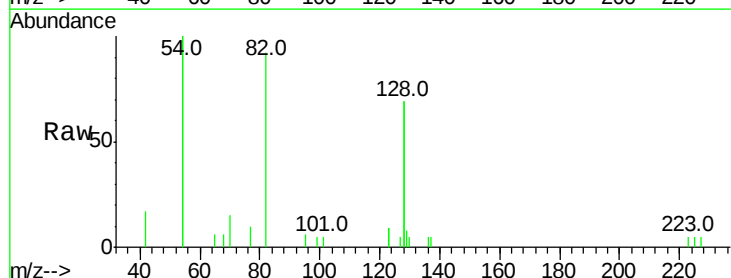
Tgt Ion: 82 Resp: 2429

Ion Ratio Lower Upper

82 100

128 149.1 91.4 137.0#

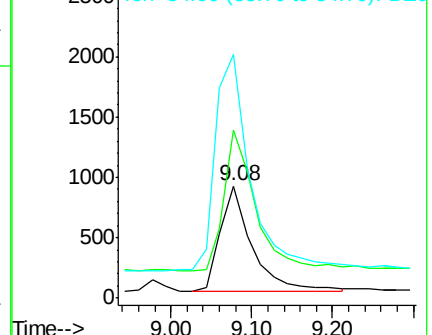
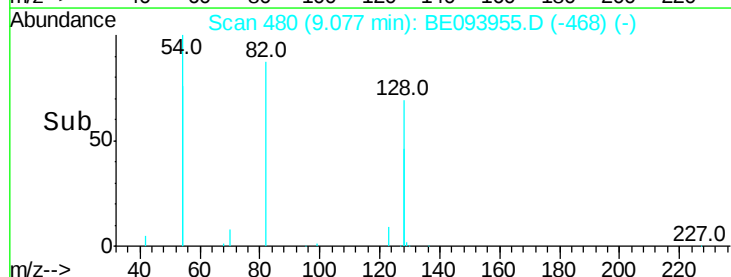
54 216.8 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.251 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

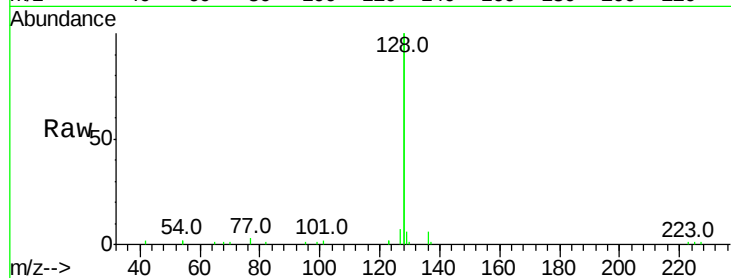
Tot Ion:128 Resp: 29144

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

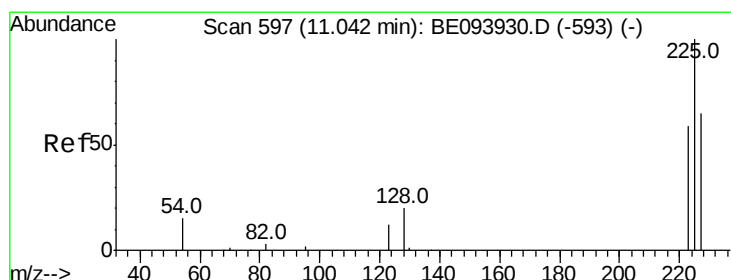
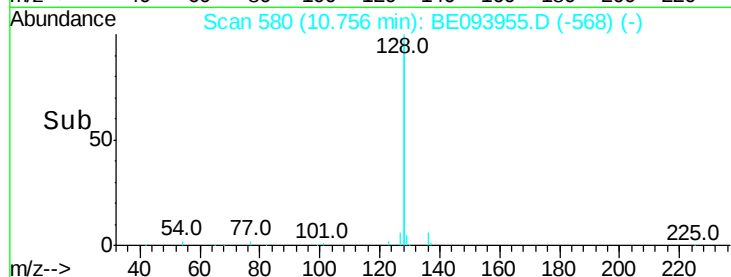
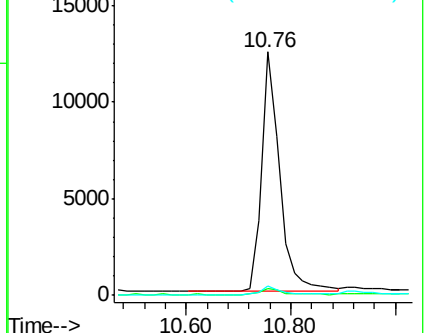
127 3.6 2.6 4.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.250 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

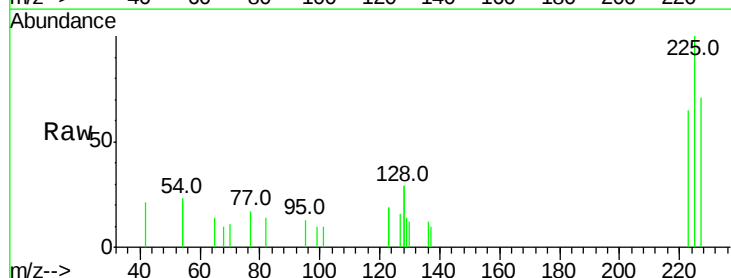
Tgt Ion:225 Resp: 1057

Ion Ratio Lower Upper

225 100

223 60.6 49.4 74.0

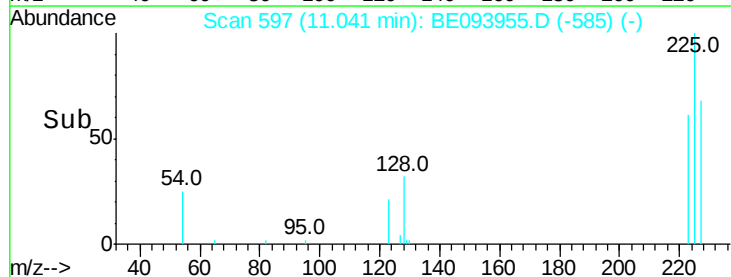
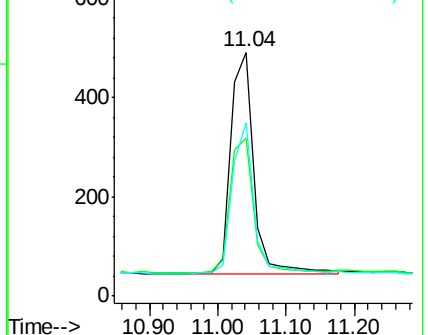
227 64.3 50.5 75.7

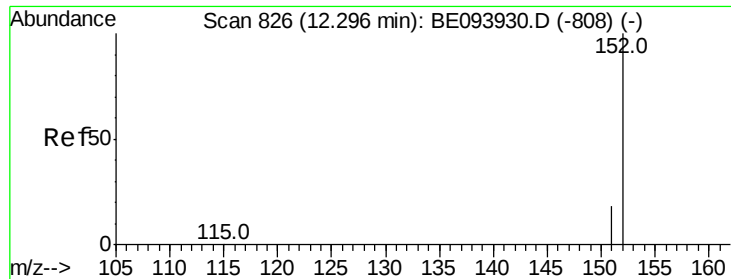


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

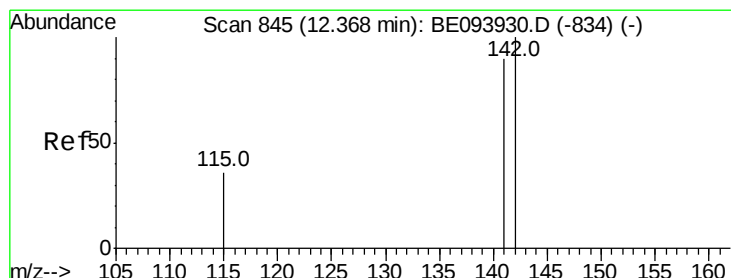
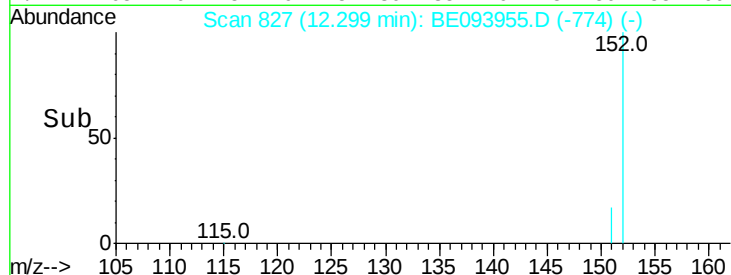
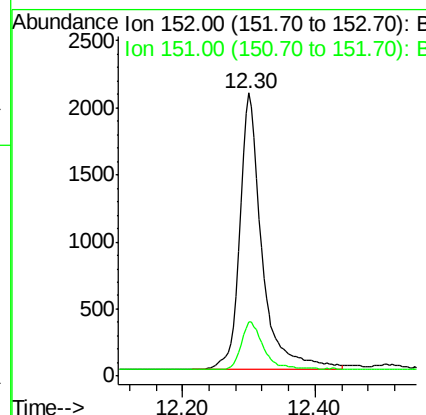
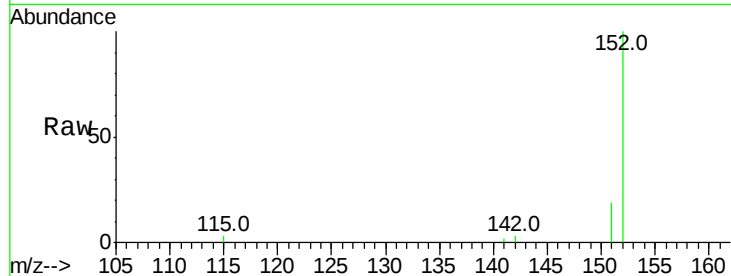




#11
 2-Methylnaphthalene-d10
 Concen: 0.295 ng
 RT: 12.30 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

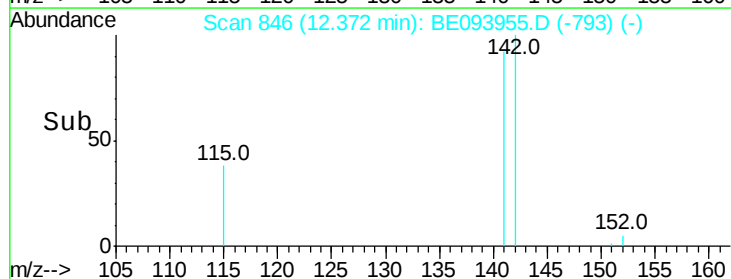
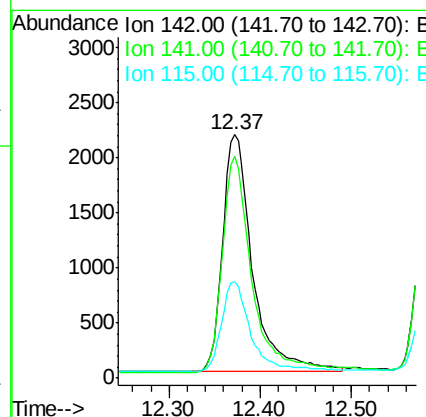
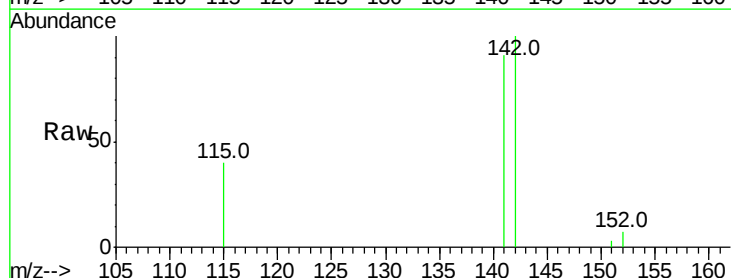
Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

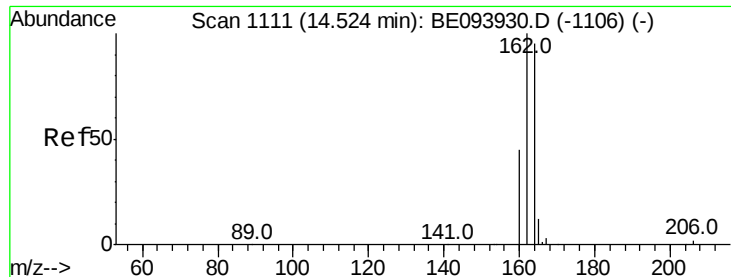
Tot Ion:152 Resp: 4795
 Ion Ratio Lower Upper
 152 100
 151 17.2 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.257 ng
 RT: 12.37 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion:142 Resp: 4955
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.4 107.2
 115 39.6 29.4 44.0

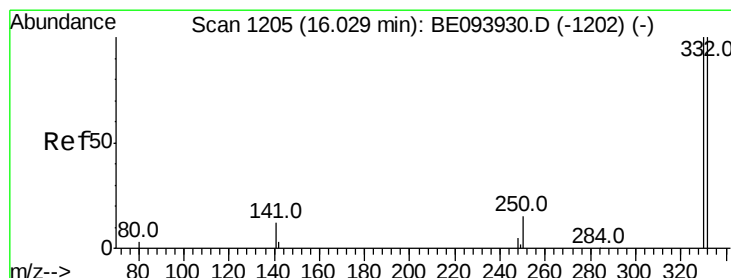
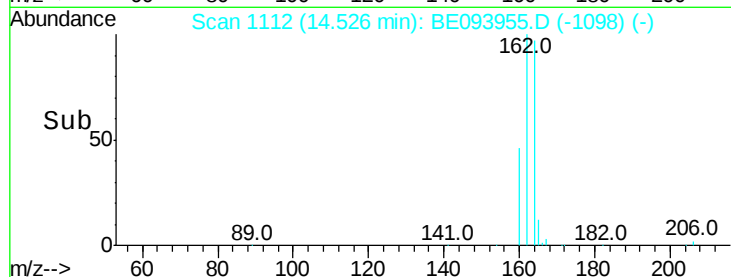
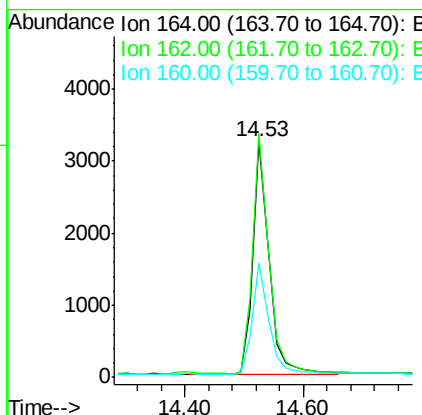
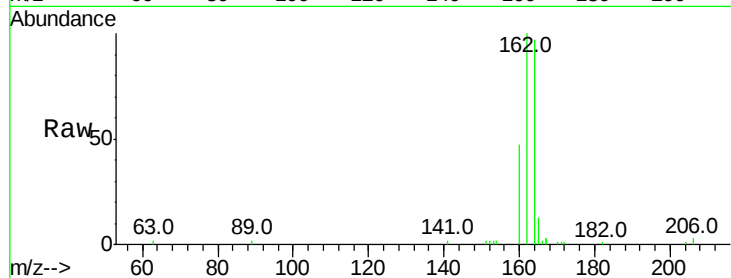




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

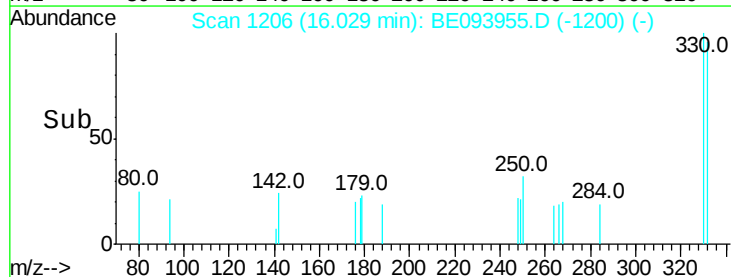
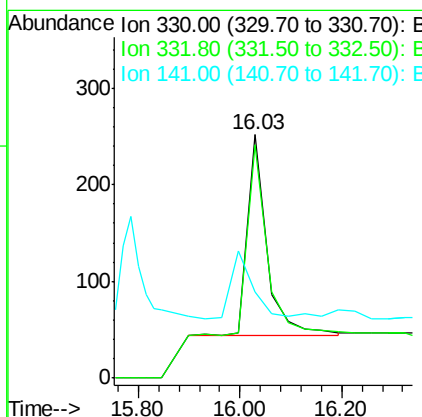
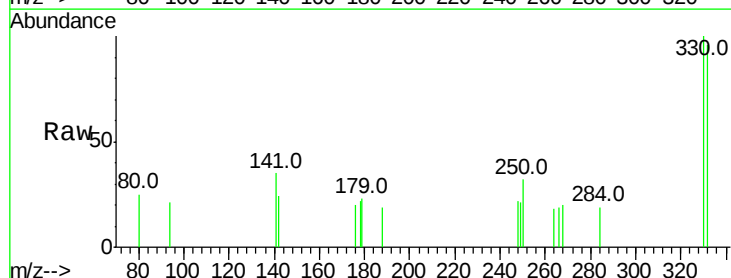
Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Tot Ion:164 Resp: 6033
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.8 121.2
 160 48.4 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.296 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion:330 Resp: 553
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 0.0 0.0 0.0

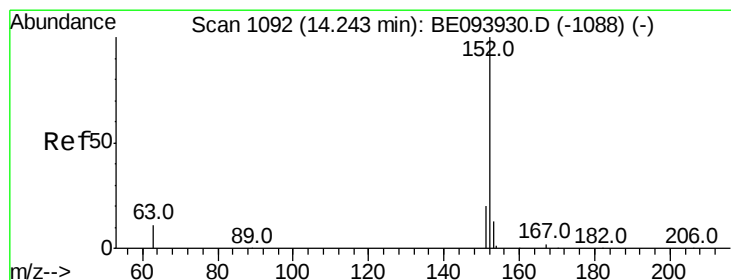
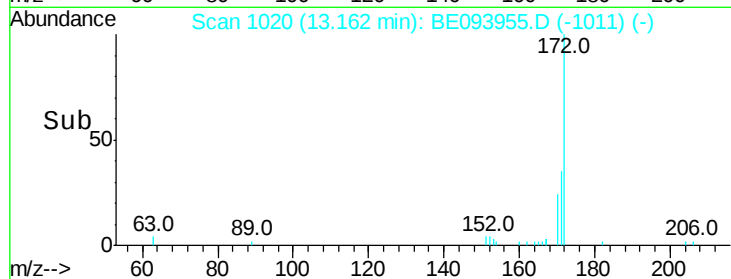
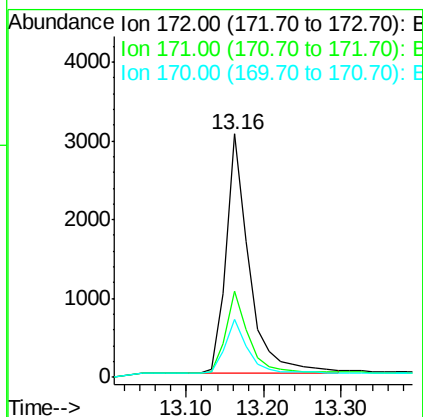
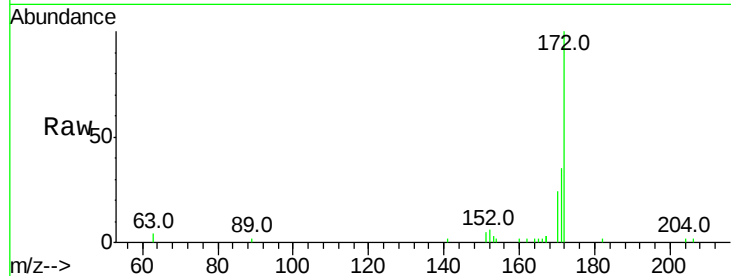




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

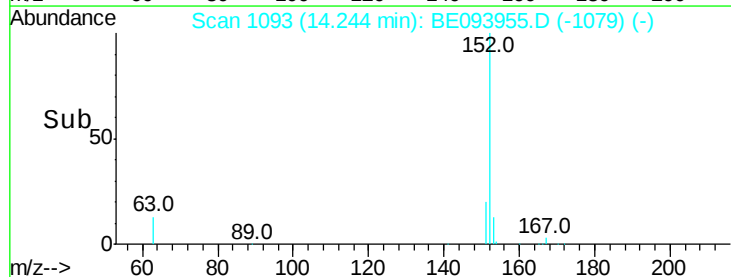
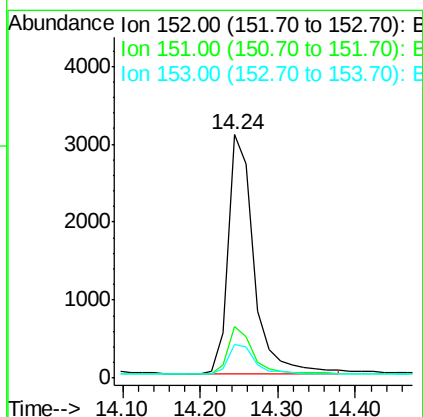
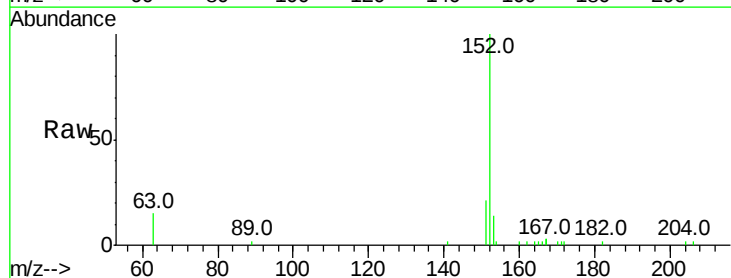
Instrument :
BNA_E
ClientSampleId :
PB102204BSD

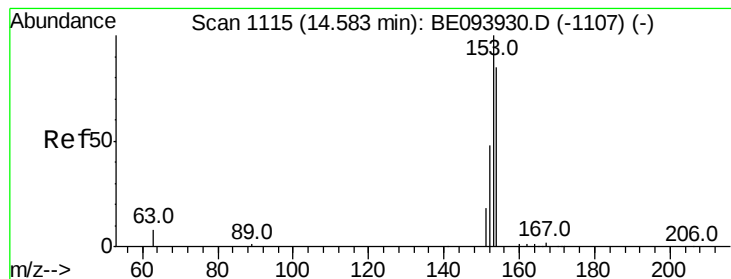
Tot Ion:172 Resp: 6361
Ion Ratio Lower Upper
172 100
171 35.4 26.9 40.3
170 24.1 17.3 25.9



#16
Acenaphthylene
Concen: 0.234 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Tgt Ion:152 Resp: 7057
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.249 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

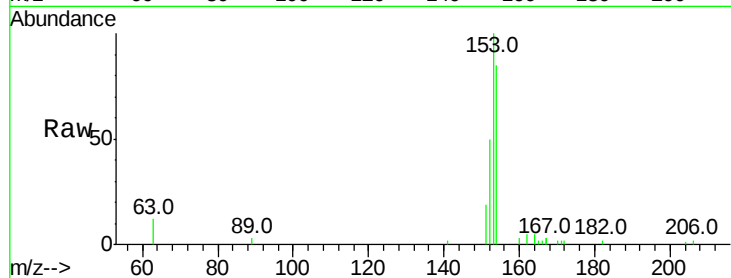
Tot Ion:154 Resp: 5063

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

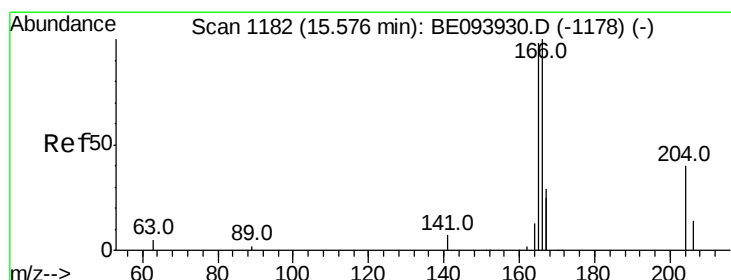
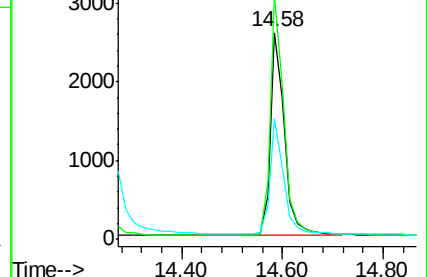
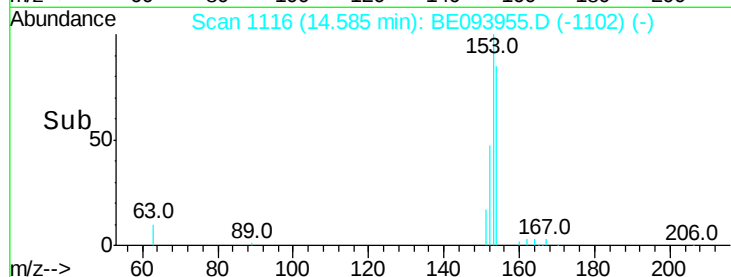
152 54.8 44.9 67.3



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: 0.258 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

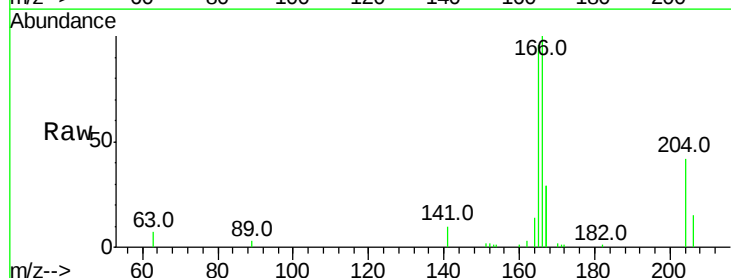
Tgt Ion:166 Resp: 6776

Ion Ratio Lower Upper

166 100

165 97.9 79.4 119.0

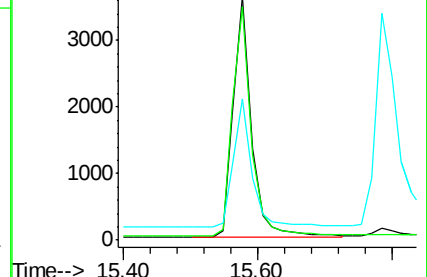
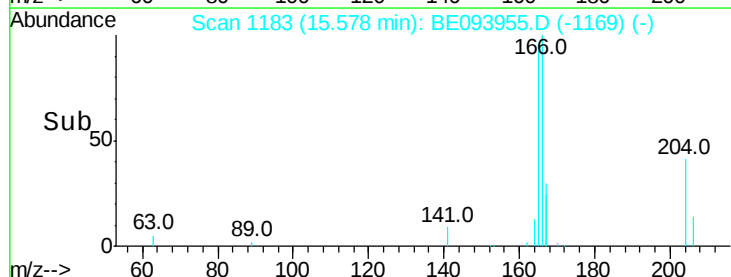
167 52.8 43.5 65.3

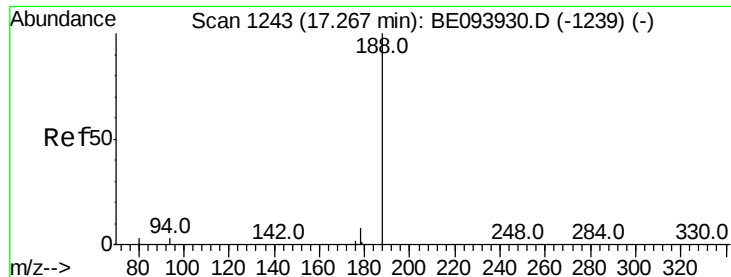


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

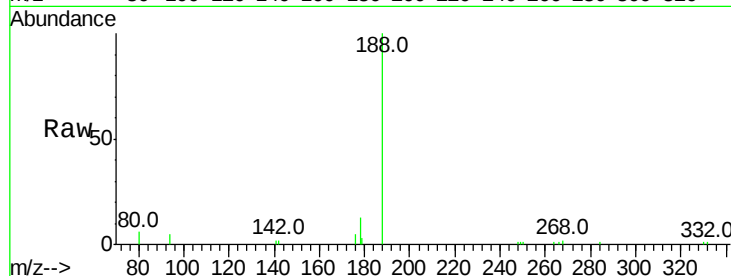
Tot Ion:188 Resp: 12345

Ion Ratio Lower Upper

188 100

94 5.4 16.1 24.1#

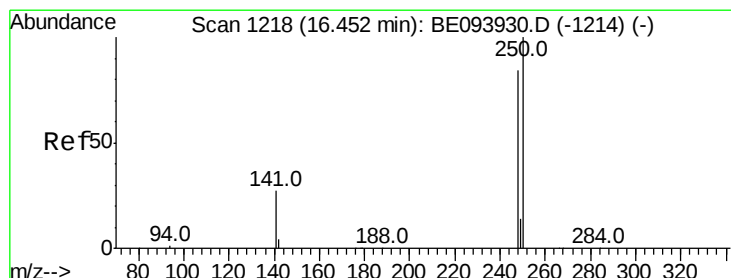
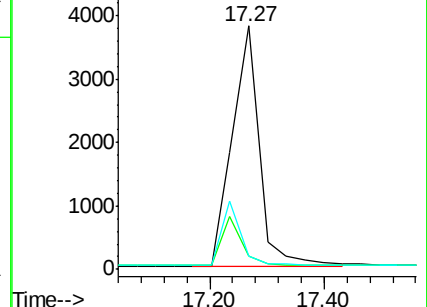
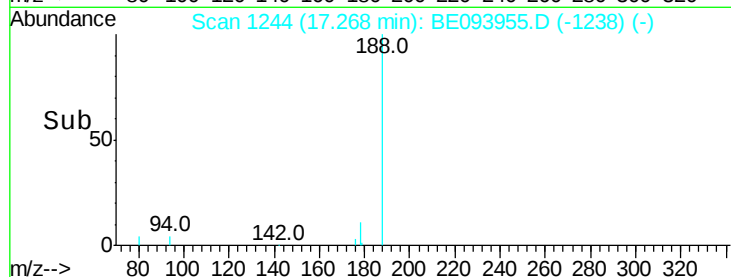
80 5.7 18.2 27.2#



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: 0.227 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

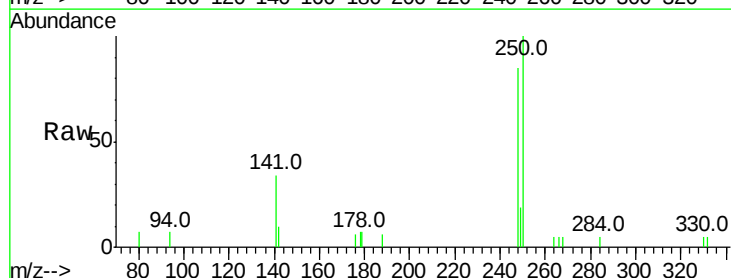
Tgt Ion:248 Resp: 1881

Ion Ratio Lower Upper

248 100

250 117.1 111.8 167.8

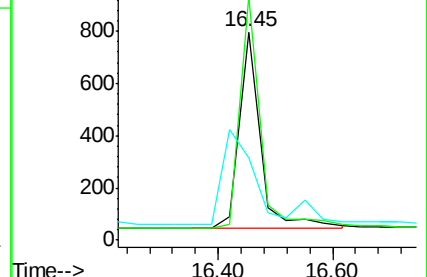
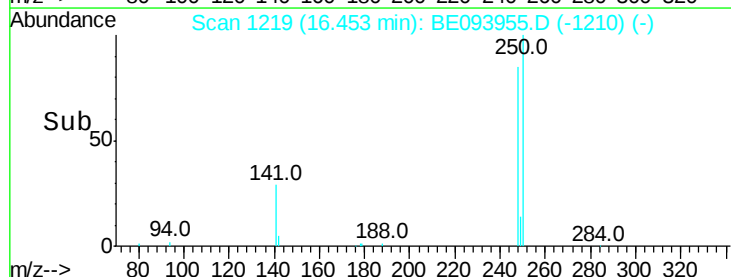
141 39.8 27.1 40.7



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: 0.236 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

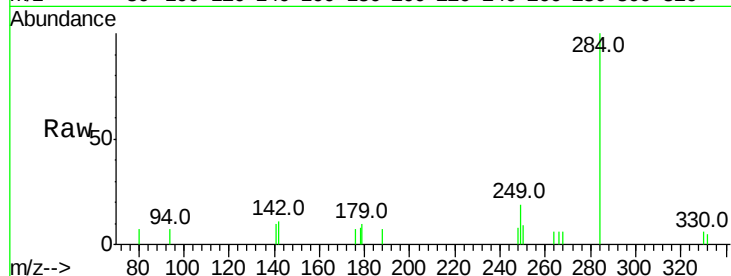
Tot Ion:284 Resp: 1717

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

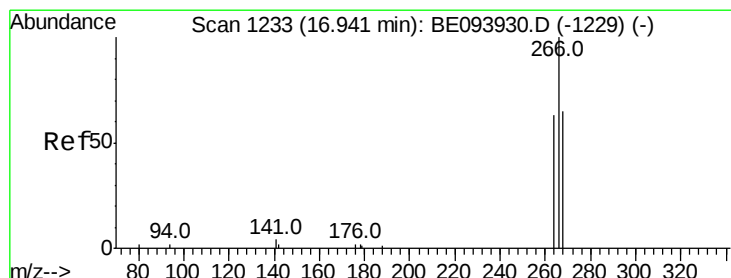
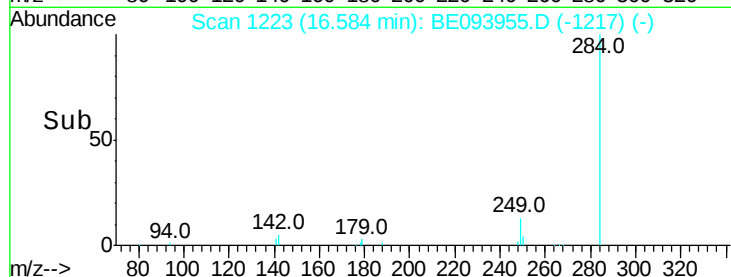
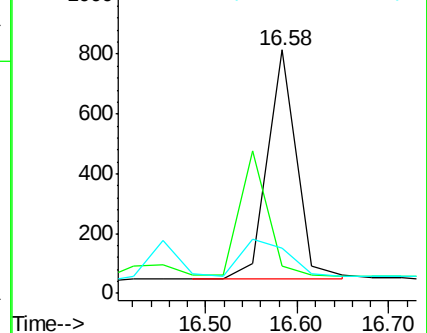
249 0.0 0.0 0.0



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: 0.422 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

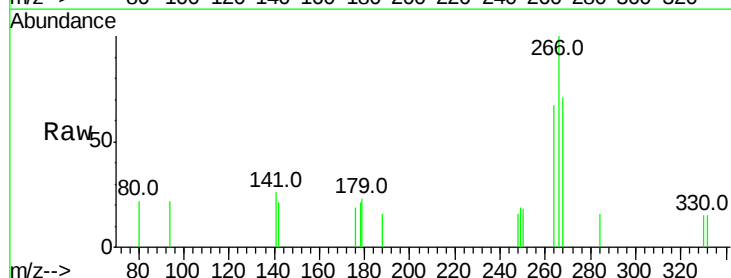
Tgt Ion:266 Resp: 827

Ion Ratio Lower Upper

266 100

264 66.7 53.5 80.3

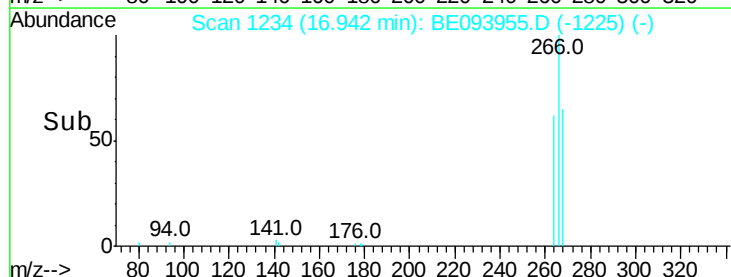
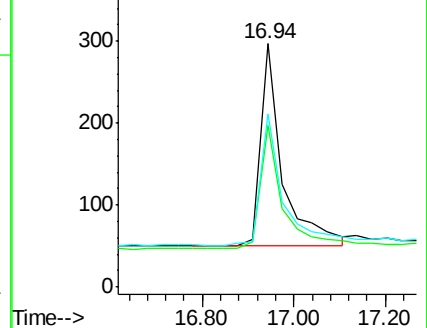
268 71.4 60.0 90.0

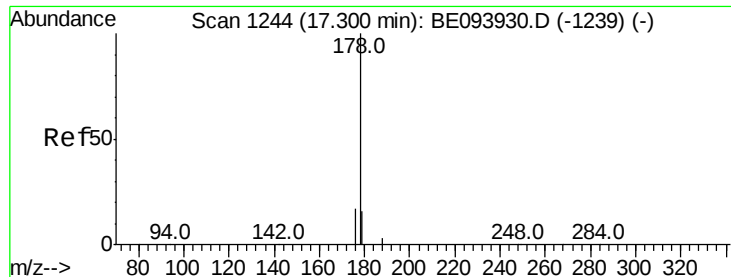


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.279 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

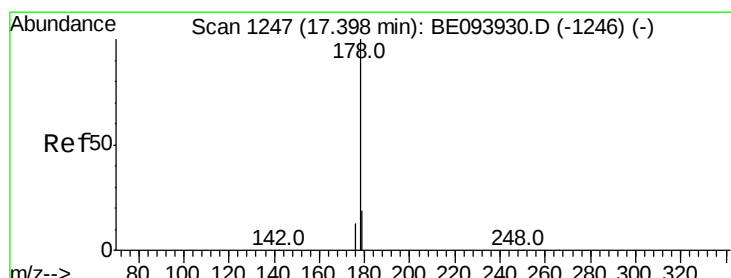
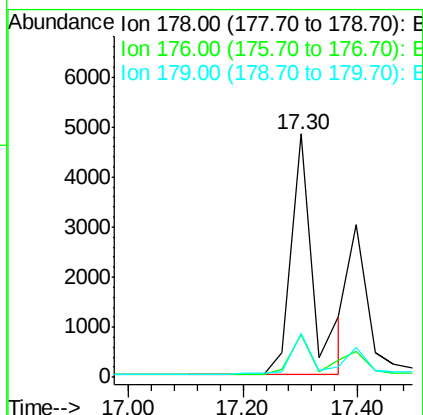
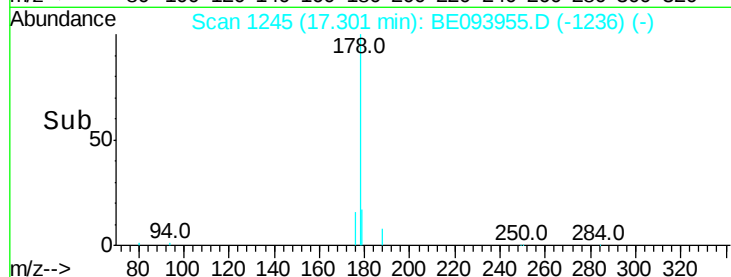
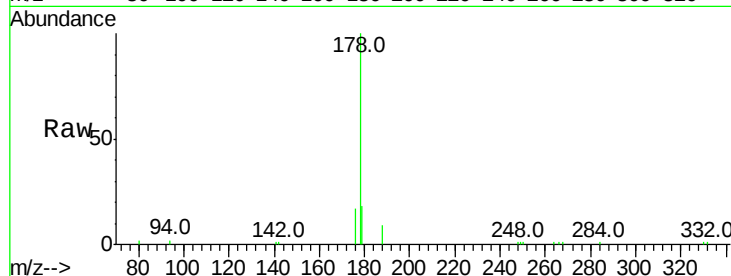
Tot Ion:178 Resp: 13193

Ion Ratio Lower Upper

178 100

176 18.8 0.0 0.0#

179 15.5 12.6 18.8



#24

Anthracene

Concen: 0.188 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

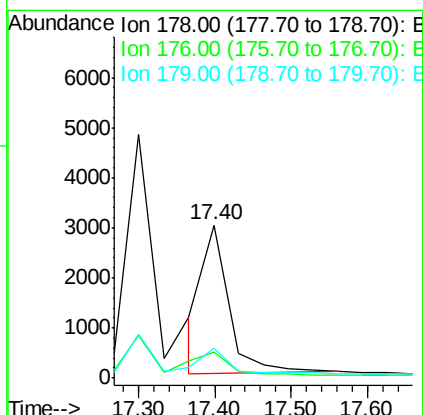
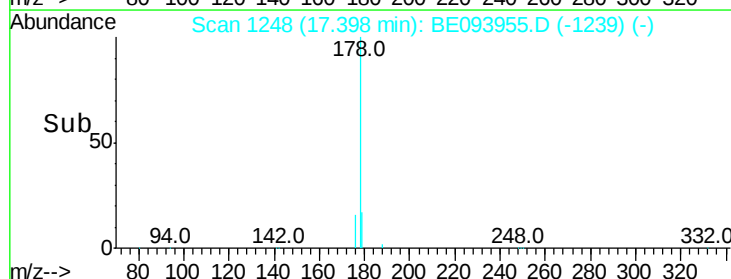
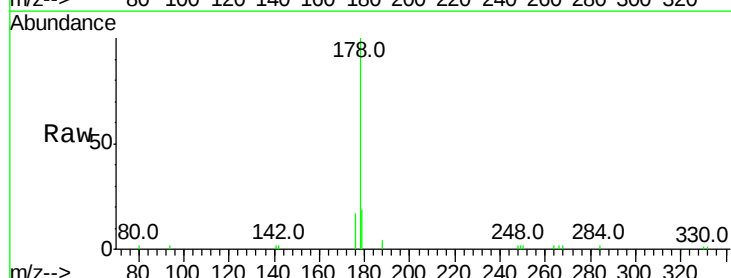
Tgt Ion:178 Resp: 7064

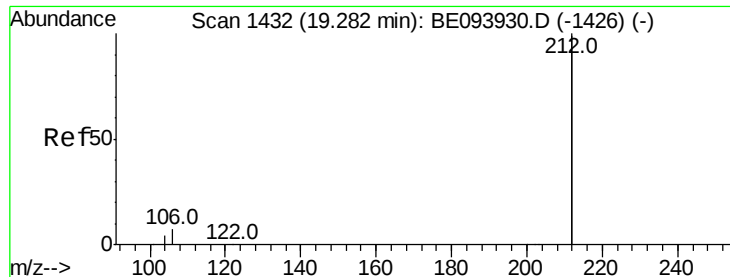
Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 17.5 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

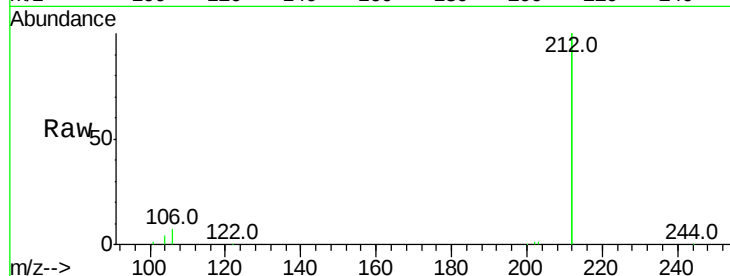
Tot Ion:212 Resp: 51785

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

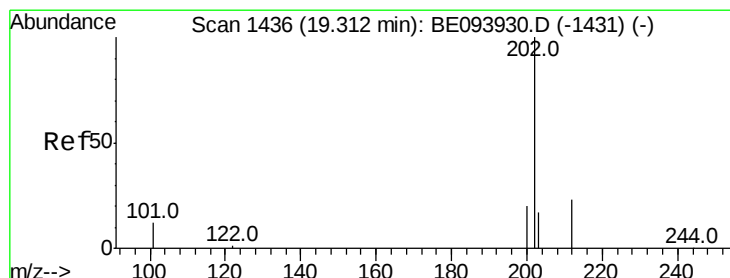
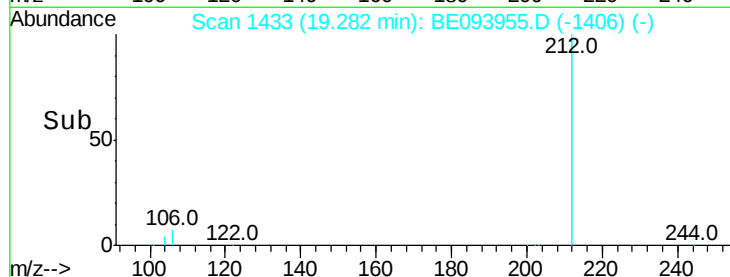
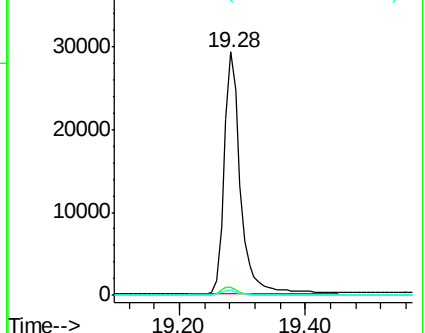
104 2.0 1.6 2.4



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: 0.254 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

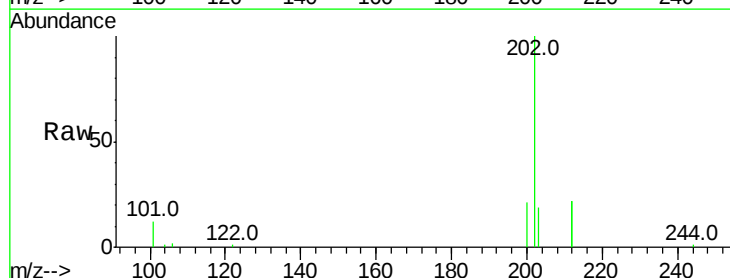
Tgt Ion:202 Resp: 13981

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

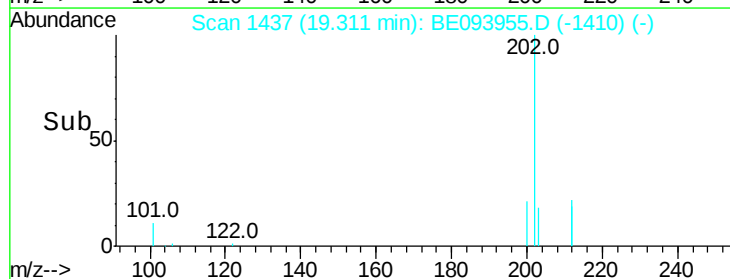
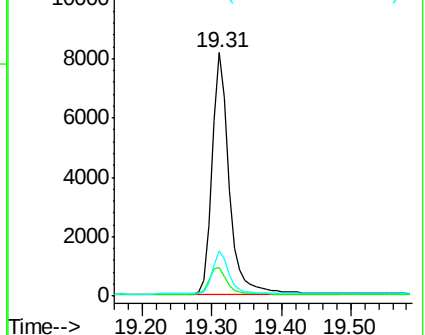
203 17.2 13.7 20.5



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

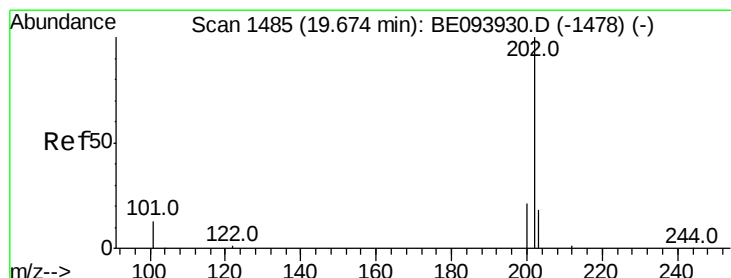
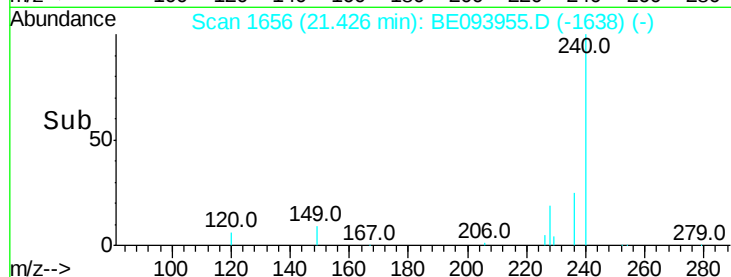
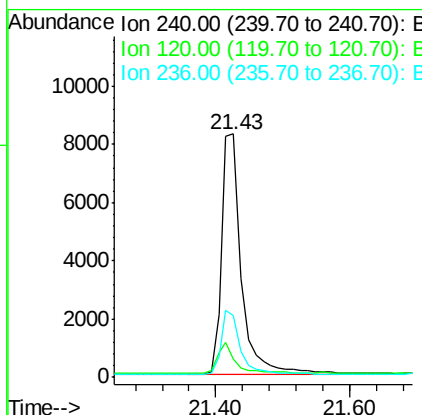
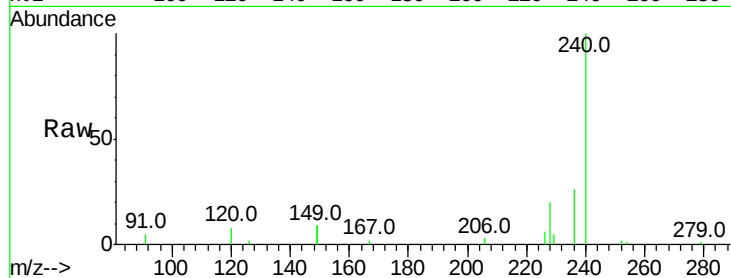




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

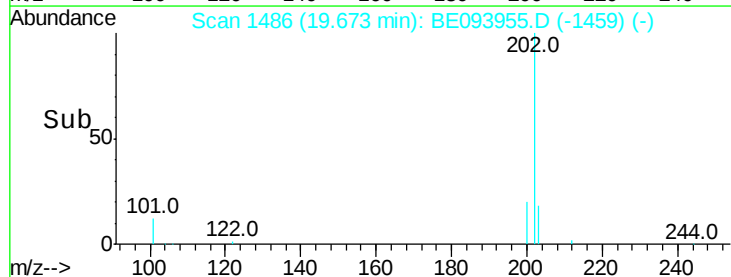
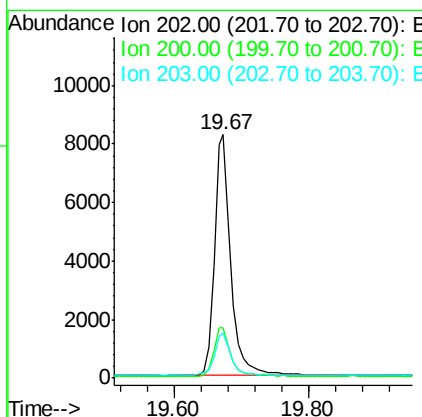
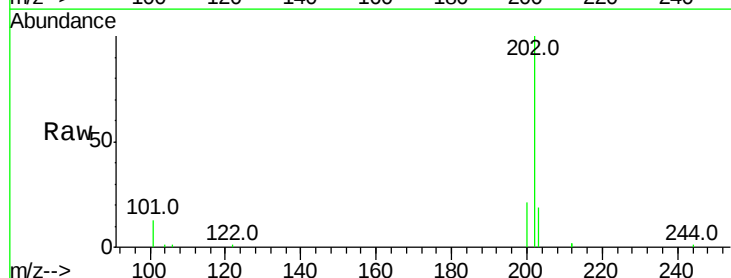
Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

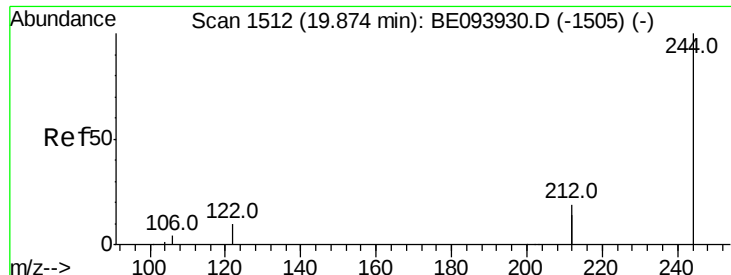
Tot Ion:240 Resp: 17294
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.7 13.1#
 236 25.5 21.3 31.9



#28
 Pyrene
 Concen: 0.240 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion:202 Resp: 14273
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 18.3 14.2 21.4





#29

Terphenyl-d14

Concen: 0.309 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

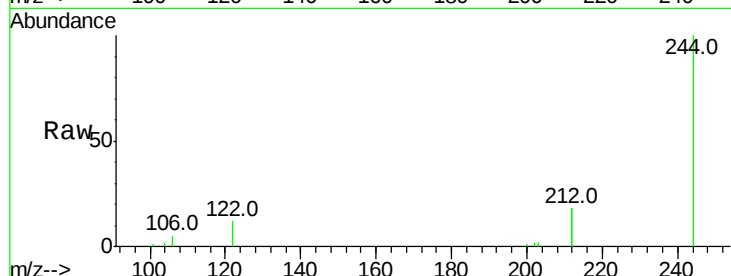
Tot Ion:244 Resp: 9824

Ion Ratio Lower Upper

244 100

212 35.2 28.3 42.5

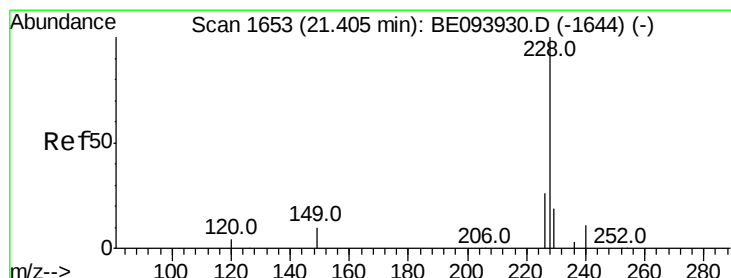
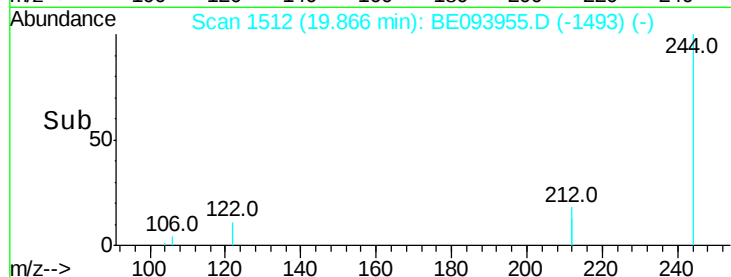
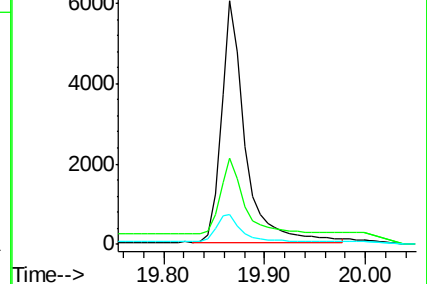
122 12.2 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.227 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

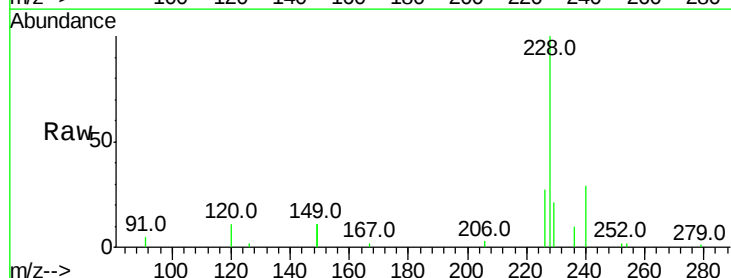
Tgt Ion:228 Resp: 12054

Ion Ratio Lower Upper

228 100

226 27.3 20.8 31.2

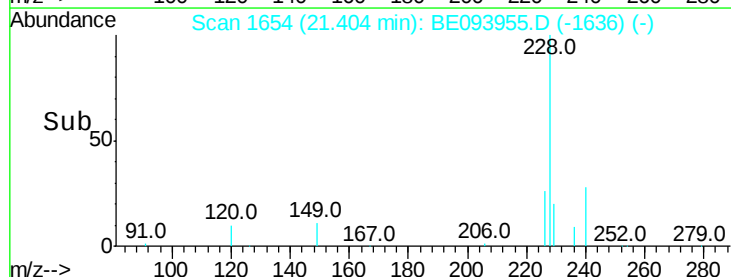
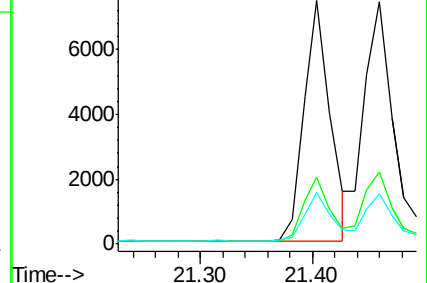
229 21.3 16.6 25.0

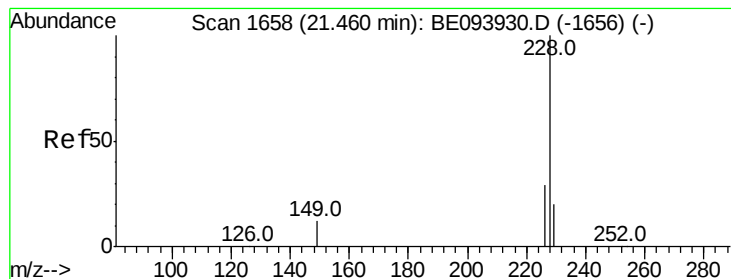


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.253 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

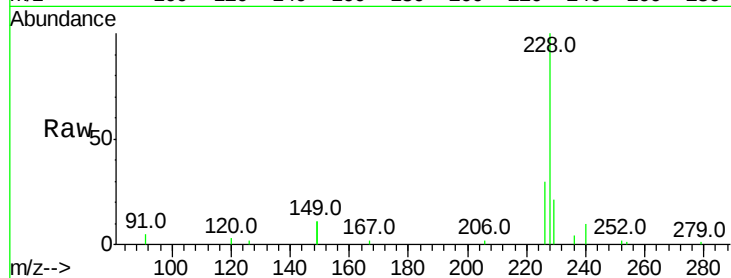
Tot Ion:228 Resp: 14198

Ion Ratio Lower Upper

228 100

226 29.6 24.6 37.0

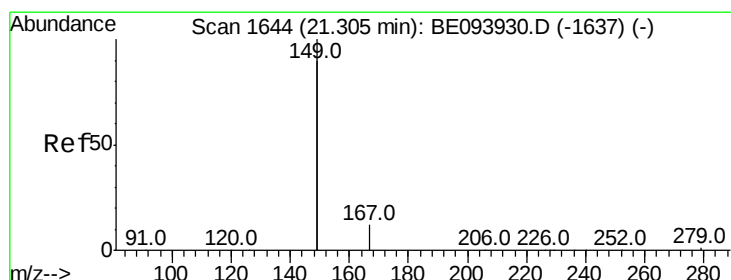
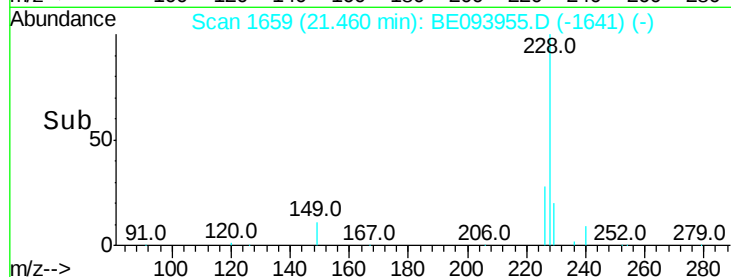
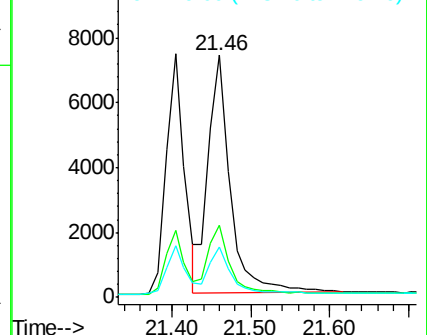
229 20.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.263 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

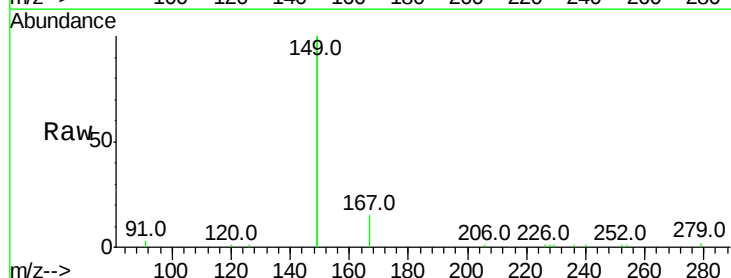
Tgt Ion:149 Resp: 33968

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

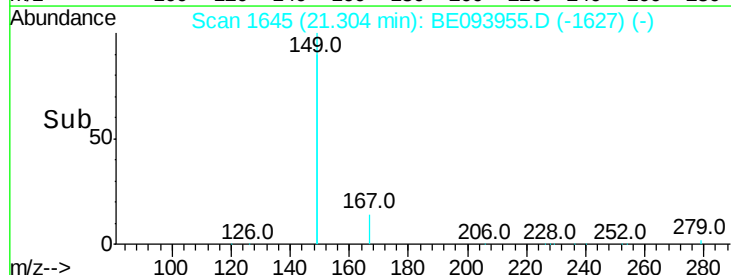
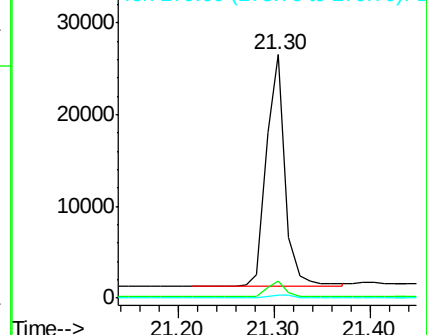
279 1.0 0.7 1.1



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

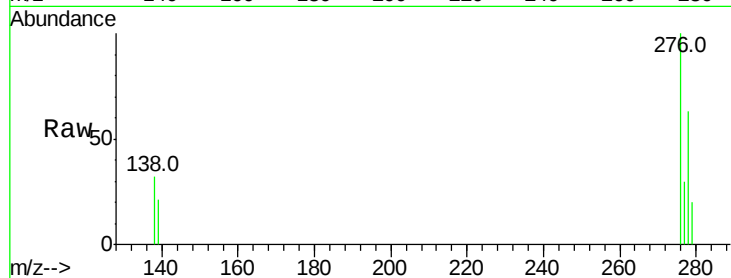




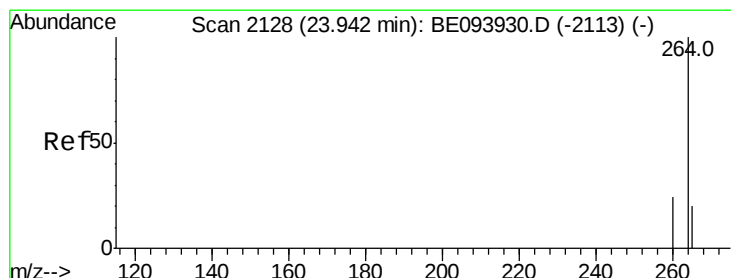
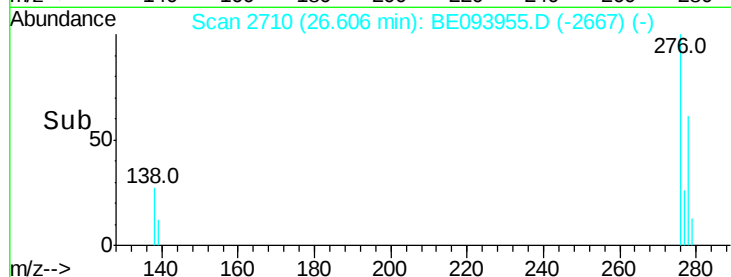
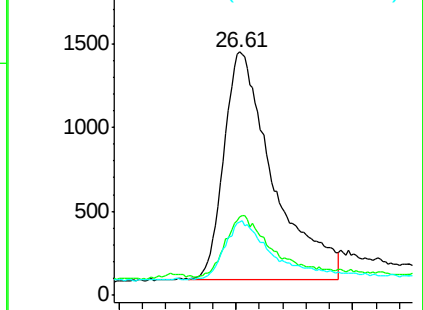
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.211 ng
 RT: 26.61 min Scan# 2710
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Tot Ion:276 Resp: 7912
 Ion Ratio Lower Upper
 276 100
 138 26.3 22.2 33.2
 277 24.5 19.5 29.3

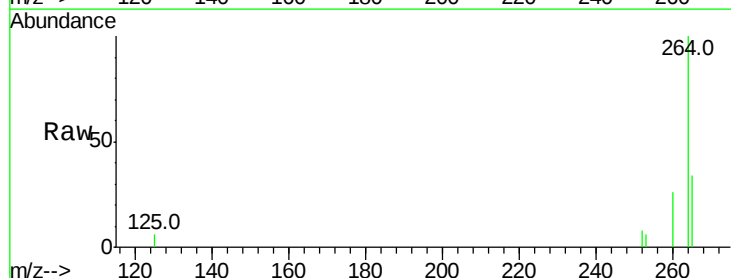


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

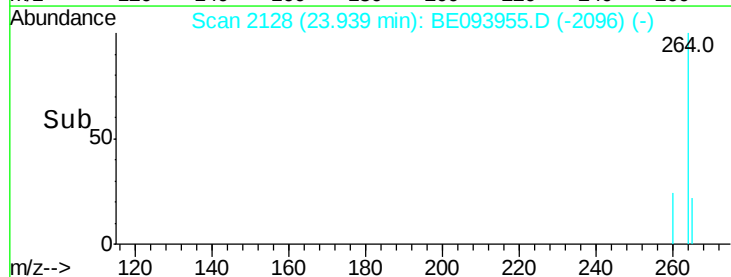
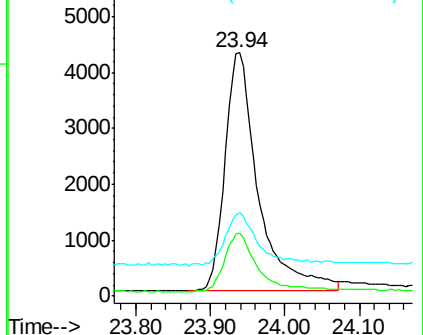


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion:264 Resp: 13237
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.0 30.0
 265 34.5 24.0 36.0



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: 0.250 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

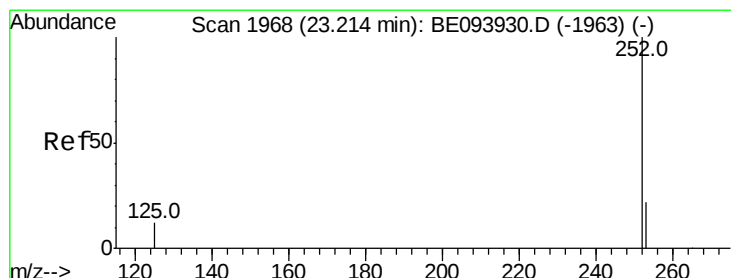
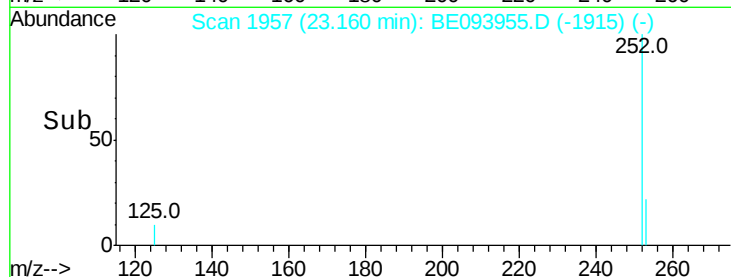
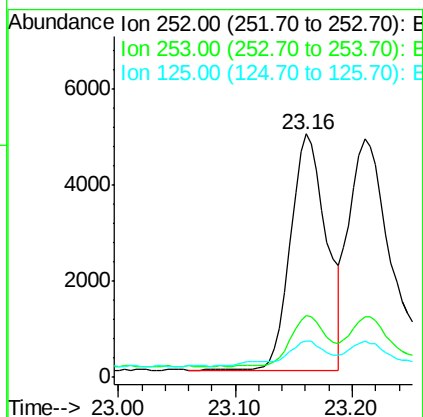
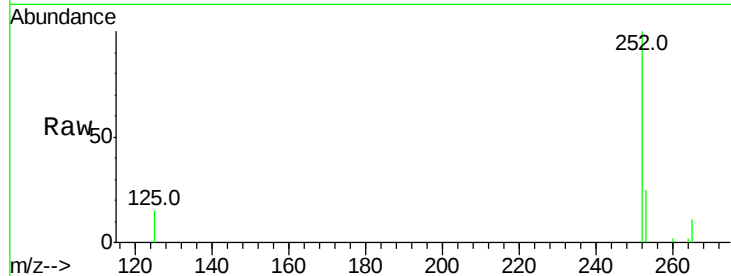
Tot Ion:252 Resp: 10550

Ion Ratio Lower Upper

252 100

253 25.3 19.4 29.0

125 14.9 10.0 15.0



#36

Benzo(k)fluoranthene

Concen: 0.260 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

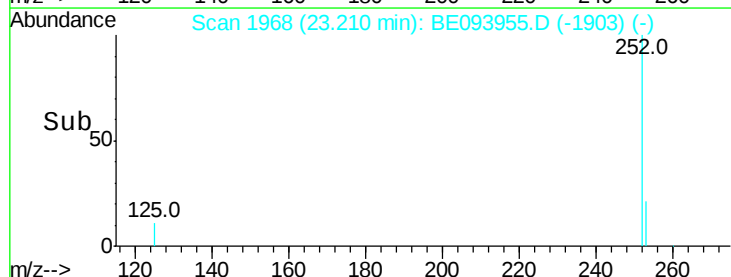
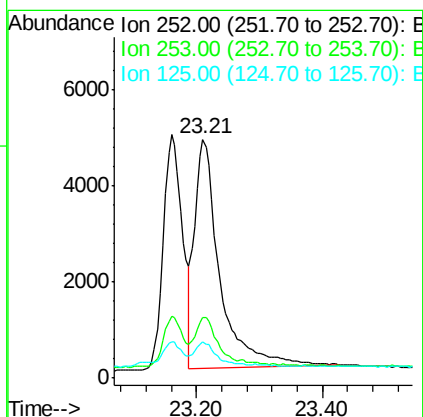
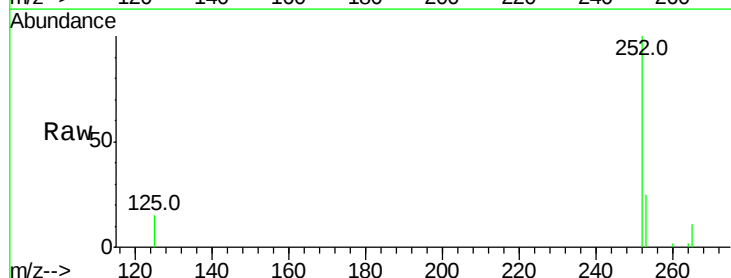
Tgt Ion:252 Resp: 13436

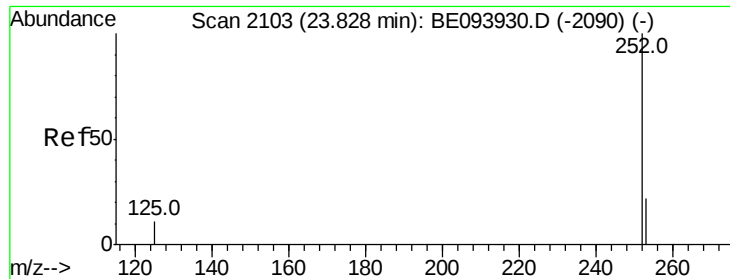
Ion Ratio Lower Upper

252 100

253 25.2 18.1 27.1

125 15.2 9.8 14.6#





#37

Benzo(a)pyrene

Concen: 0.252 ng

RT: 23.83 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

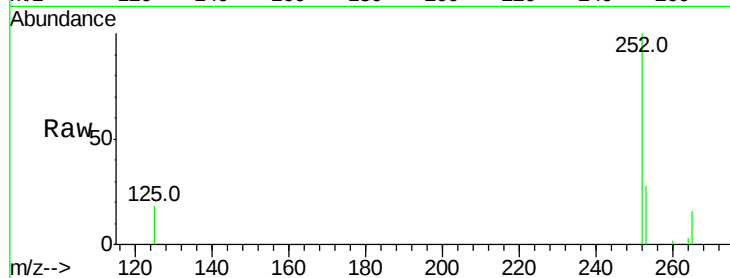
Tot Ion:252 Resp: 10813

Ion Ratio Lower Upper

252 100

253 27.9 19.6 29.4

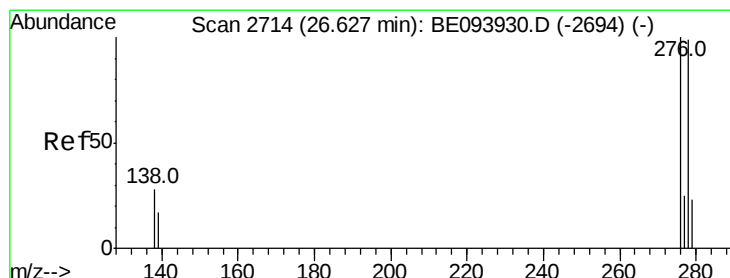
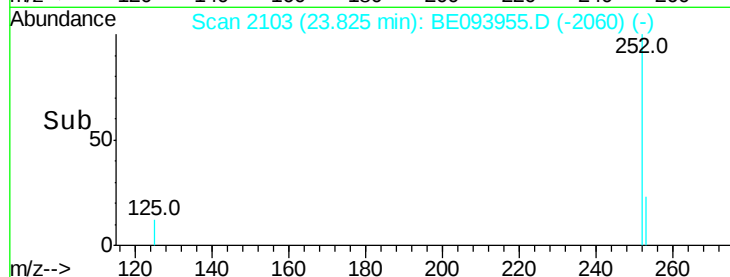
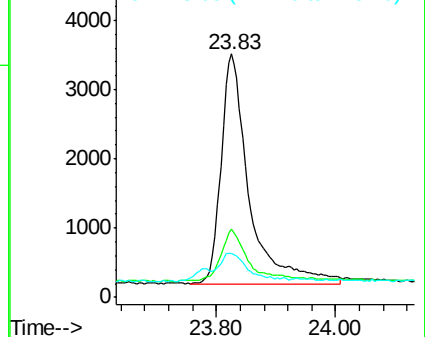
125 18.2 11.8 17.8#



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: 0.215 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

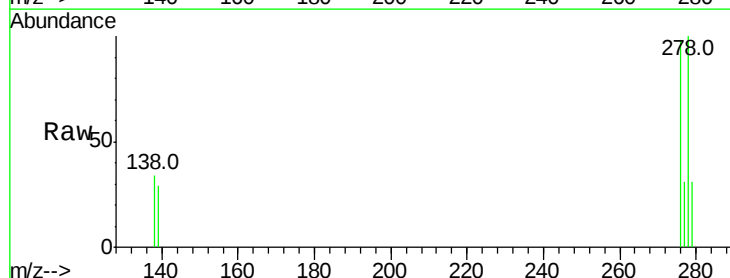
Tgt Ion:278 Resp: 6129

Ion Ratio Lower Upper

278 100

139 28.9 16.7 25.1#

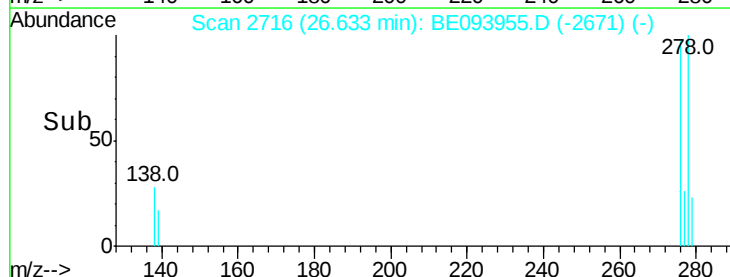
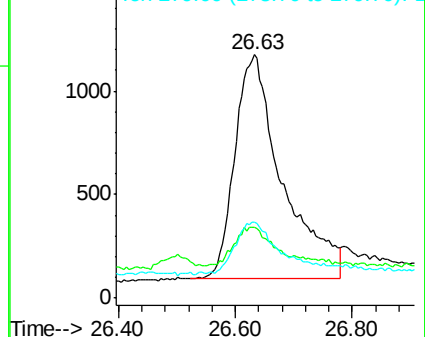
279 31.2 21.6 32.4



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: 0.240 ng

RT: 27.43 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD

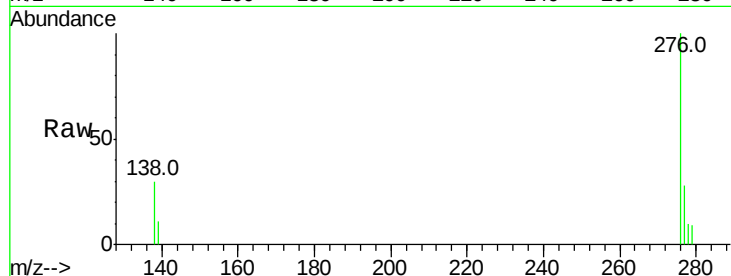
Tot Ion:276 Resp: 7200

Ion Ratio Lower Upper

276 100

277 28.1 20.6 30.8

138 29.6 21.9 32.9



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

