

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093956.D
 Acq On : 11 Sep 2017 10:58
 Operator : SJ/JU
 Sample : PB102204BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BS

Quant Time: Sep 12 07:39:53 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	2242	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10241	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5868	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13328	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17808	0.40	ng	0.00
34) Perylene-d12	23.94	264	14063	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1941	0.27	ng	0.00
5) Phenol-d6	7.11	99	2583	0.24	ng	0.00
8) Nitrobenzene-d5	9.08	82	2325	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	4512	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	518	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5855	0.25	ng	0.00
25) Fluoranthene-d10	19.29	212	49495	0.25	ng	0.00
29) Terphenyl-d14	19.87	244	9298	0.28	ng	0.00

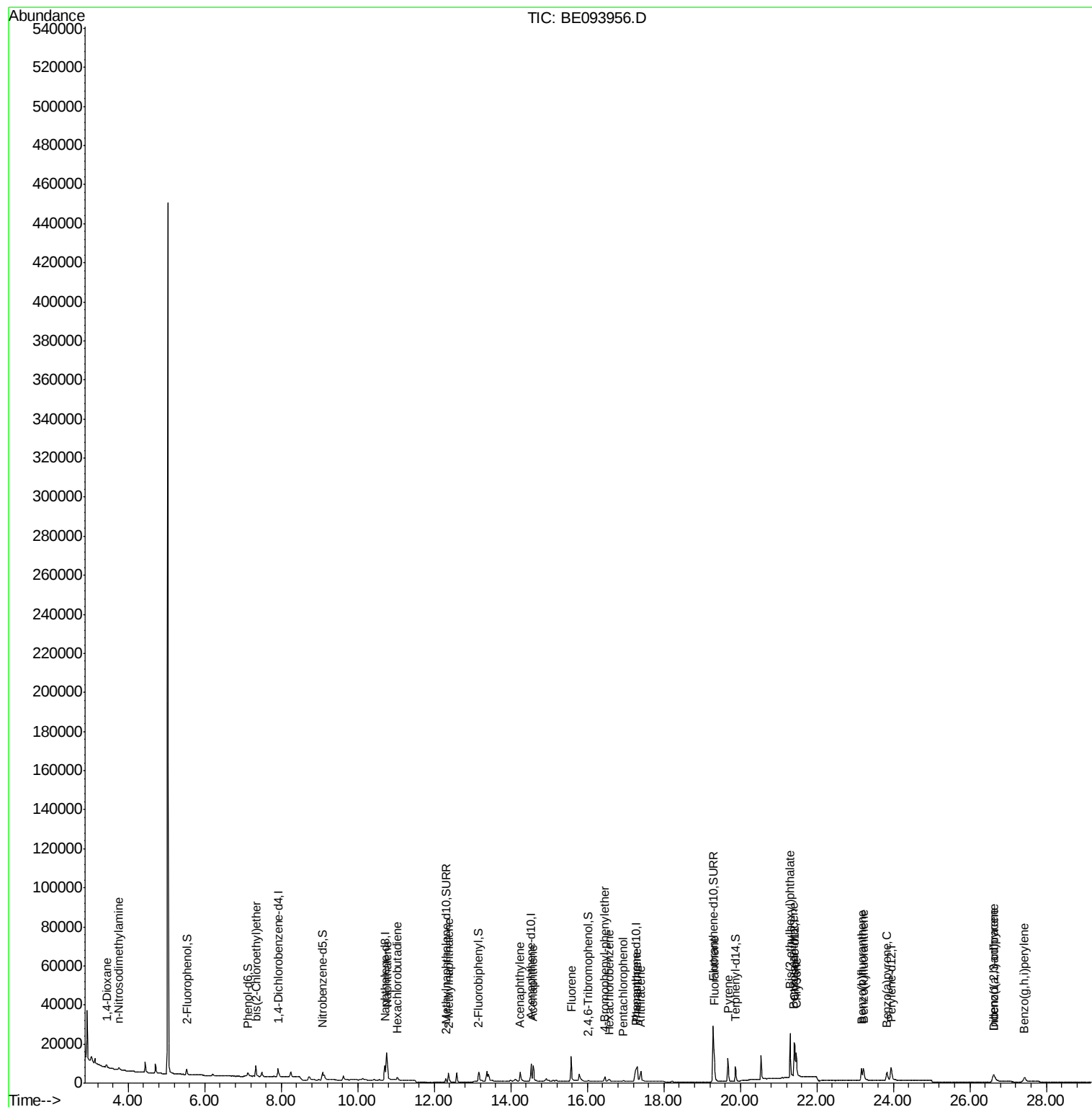
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	897	0.290	ng	# 2
3) n-Nitrosodimethylamine	3.75	42	1259	0.348	ng	# 81
6) bis(2-Chloroethyl)ether	7.34	93	2154	0.242	ng	94
9) Naphthalene	10.76	128	29014	0.247	ng	99
10) Hexachlorobutadiene	11.04	225	1087	0.255	ng	98
12) 2-Methylnaphthalene	12.37	142	4928	0.253	ng	98
16) Acenaphthylene	14.24	152	6930	0.237	ng	100
17) Acenaphthene	14.58	154	5009	0.253	ng	98
18) Fluorene	15.58	166	6523	0.255	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2059	0.231	ng	# 75
21) Hexachlorobenzene	16.58	284	1698	0.216	ng	# 100
22) Pentachlorophenol	16.94	266	821	0.388	ng	97
23) Phenanthrene	17.30	178	13195	0.244	ng	# 100
24) Anthracene	17.40	178	8915	0.220	ng	# 92
26) Fluoranthene	19.32	202	13884	0.234	ng	100
28) Pyrene	19.67	202	14422	0.235	ng	100
30) Benzo(a)anthracene	21.40	228	12672	0.232	ng	97
31) Chrysene	21.46	228	13996	0.242	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	29009	0.218	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	8873	0.230	ng	98
35) Benzo(b)fluoranthene	23.17	252	10611	0.237	ng	98
36) Benzo(k)fluoranthene	23.22	252	13884	0.253	ng	95
37) Benzo(a)pyrene	23.83	252	11187	0.245	ng	# 93
38) Dibenzo(a,h)anthracene	26.63	278	6903	0.228	ng	# 90
39) Benzo(g,h,i)perylene	27.43	276	7940	0.249	ng	97

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093956.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Quant Time: Sep 12 07:39:53 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: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampled :

PB102204BS

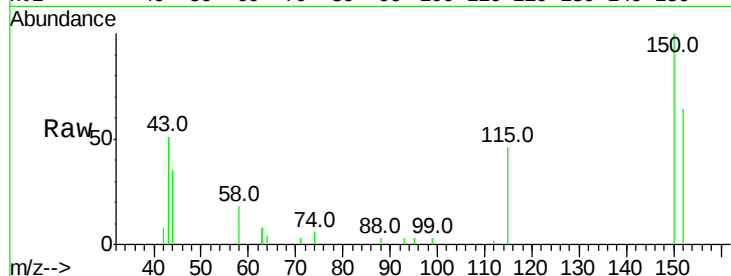
Tot Ion:152 Resp: 2242

Ion Ratio Lower Upper

152 100

150 156.3 121.8 182.6

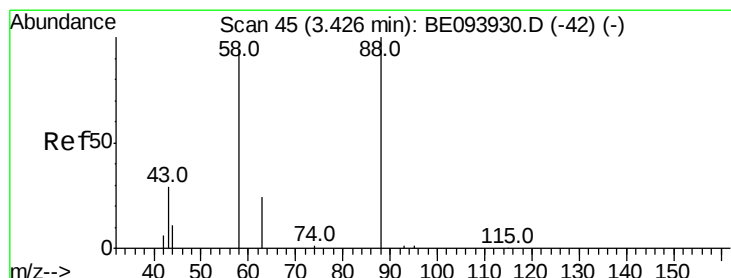
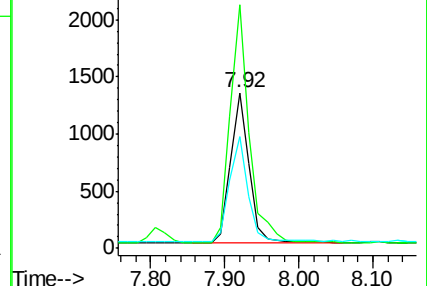
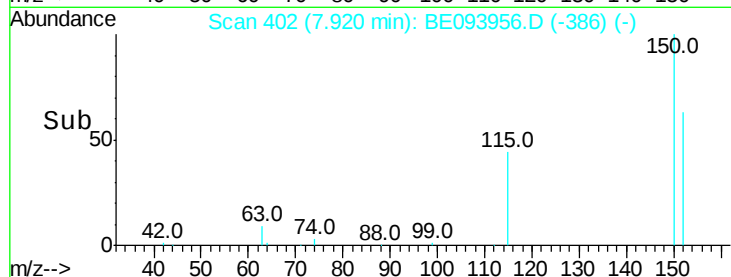
115 71.8 52.6 79.0



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: 0.290 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

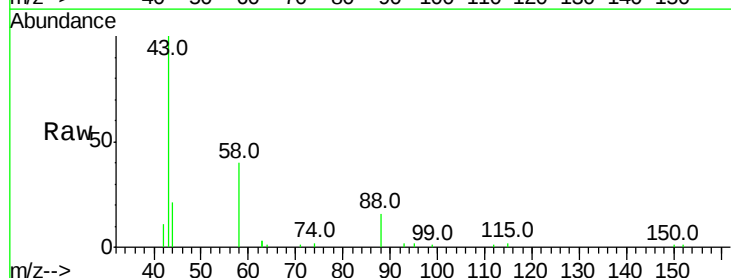
Tgt Ion: 88 Resp: 897

Ion Ratio Lower Upper

88 100

58 183.2 65.4 98.0#

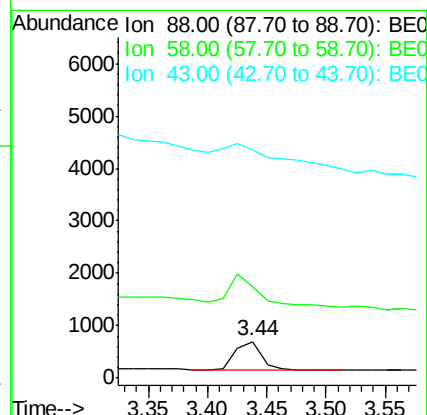
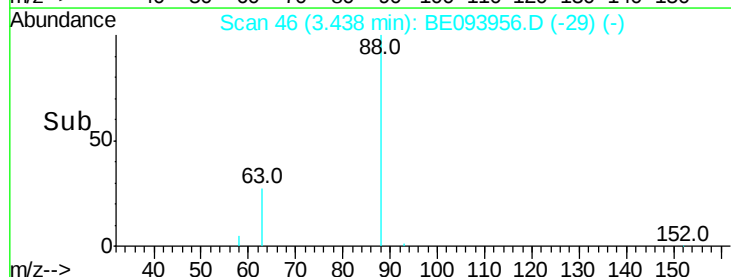
43 0.0 23.9 35.9#



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: 0.348 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

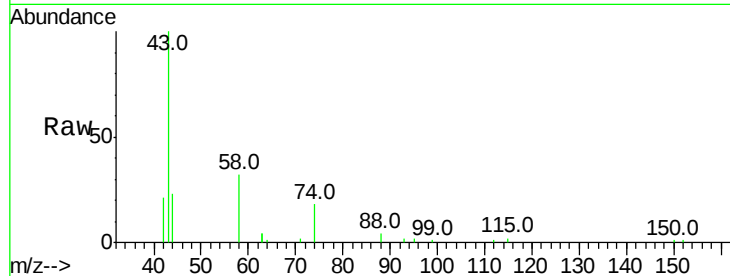
Tot Ion: 42 Resp: 1259

Ion Ratio Lower Upper

42 100

74 111.6 104.0 156.0

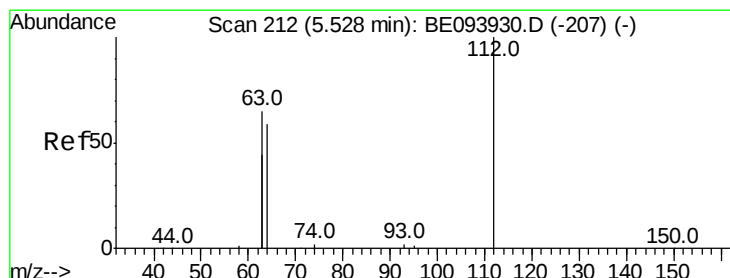
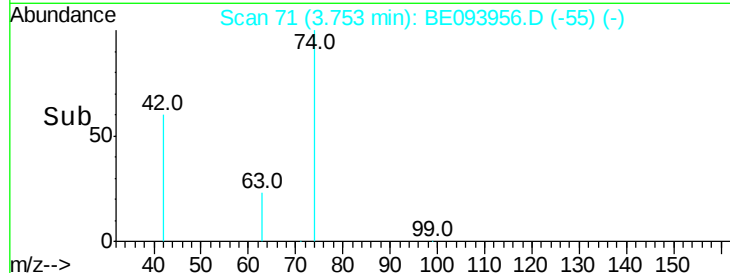
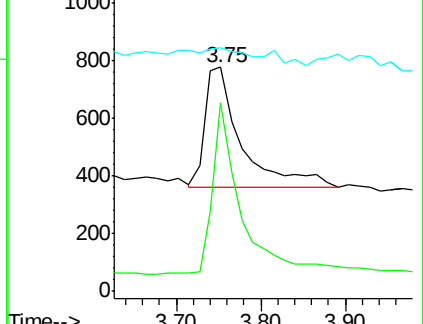
44 0.0 13.8 20.8#



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: 0.268 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

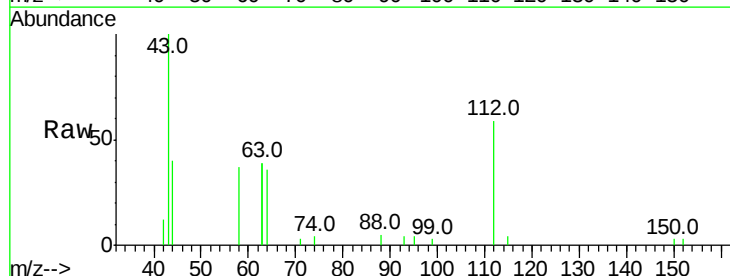
Tgt Ion: 112 Resp: 1941

Ion Ratio Lower Upper

112 100

64 74.6 57.7 86.5

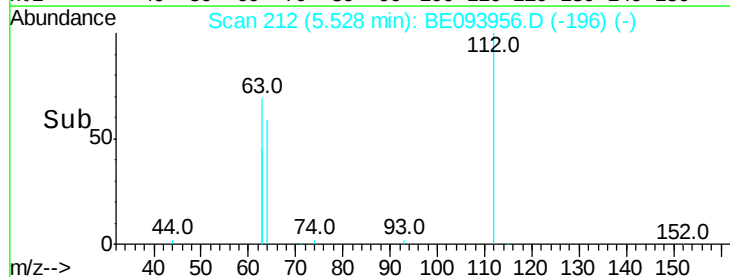
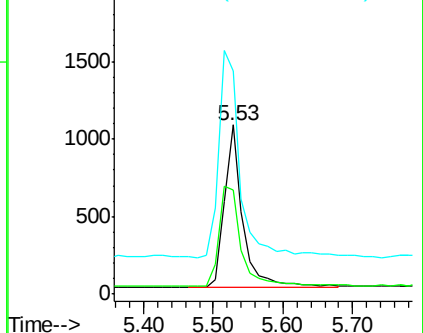
63 147.6 116.0 174.0

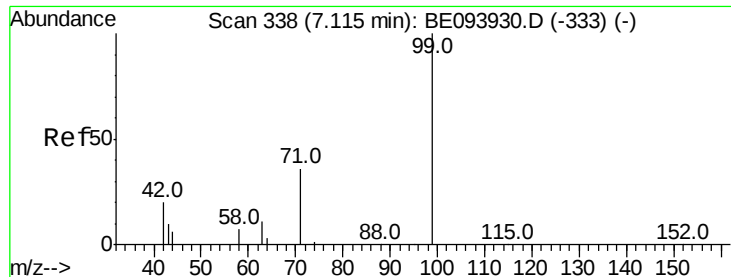


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.237 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

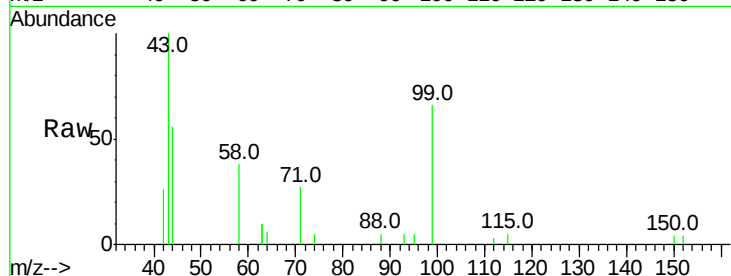
Tot Ion: 99 Resp: 2583

Ion Ratio Lower Upper

99 100

42 19.6 17.1 25.7

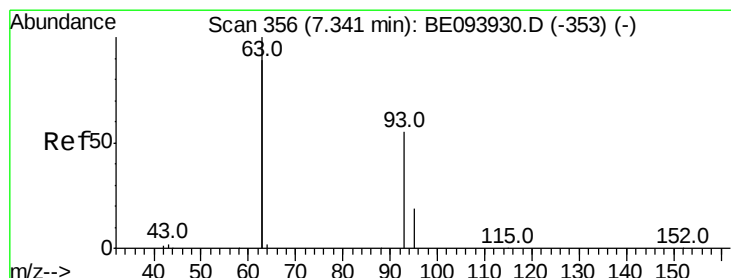
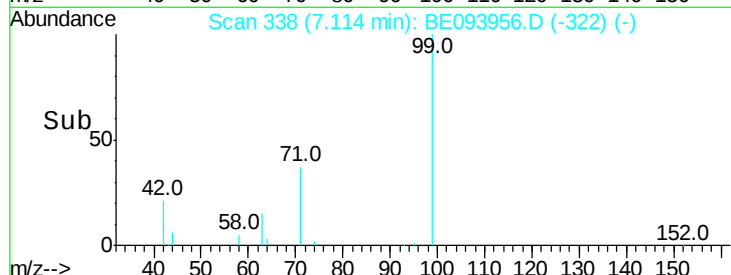
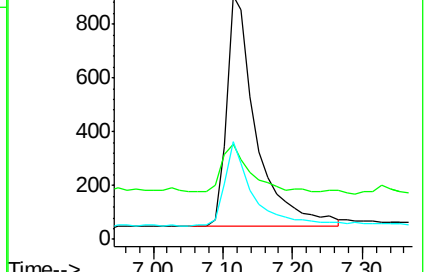
71 34.1 26.6 39.8



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: 0.242 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

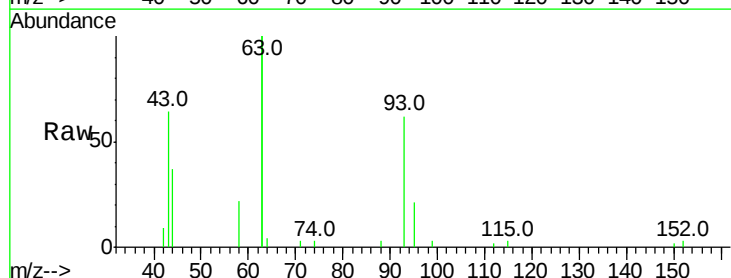
Tgt Ion: 93 Resp: 2154

Ion Ratio Lower Upper

93 100

63 341.2 283.4 425.2

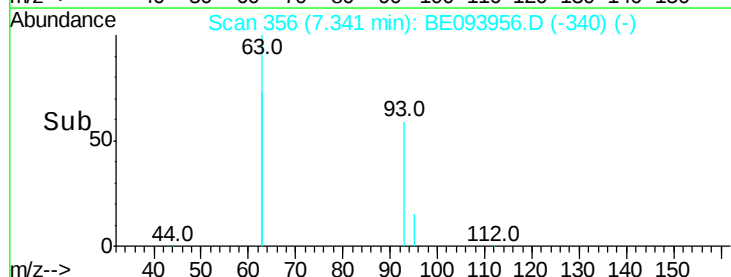
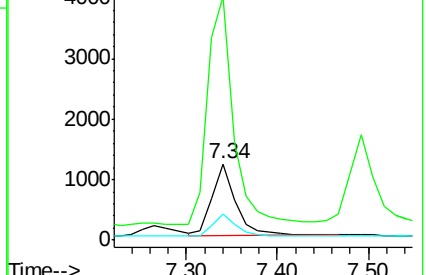
95 30.9 26.9 40.3

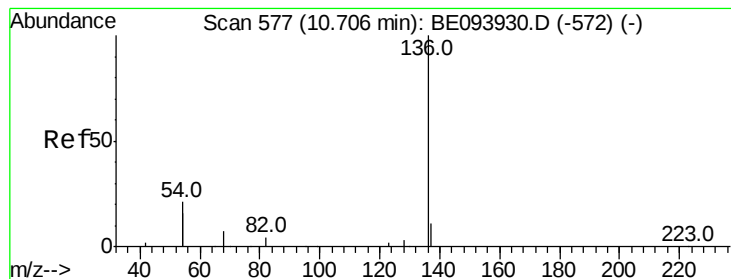


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

Tot Ion:136 Resp: 10241

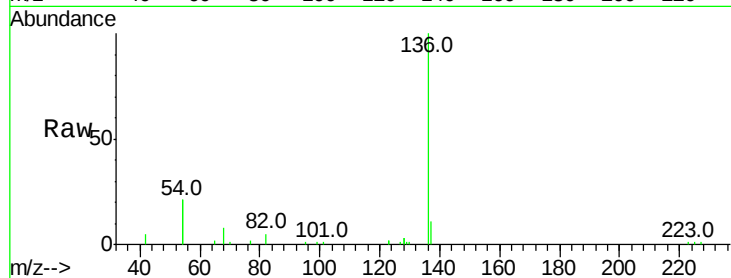
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 41.8 21.9 32.9#

68 8.2 4.6 7.0#

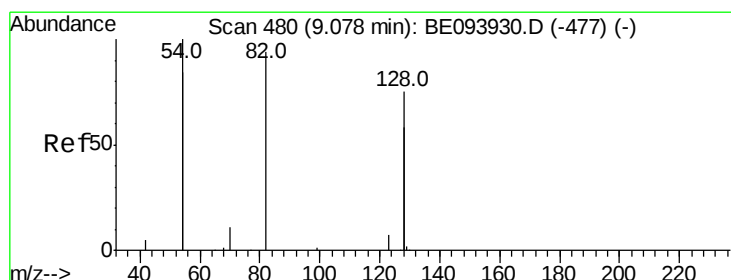
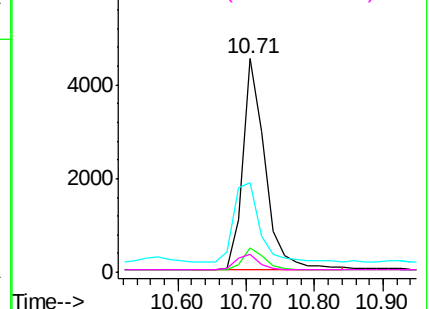
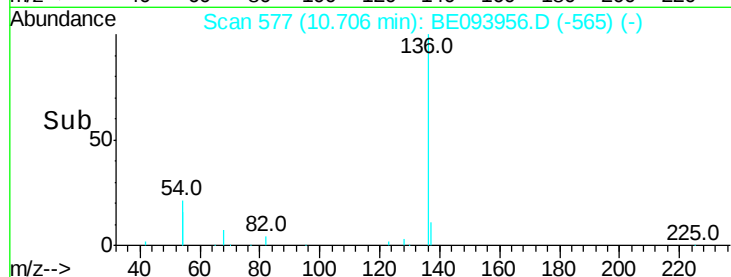


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.268 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

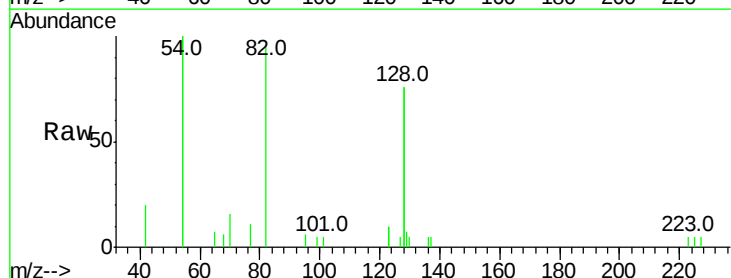
Tgt Ion: 82 Resp: 2325

Ion Ratio Lower Upper

82 100

128 157.0 91.4 137.0#

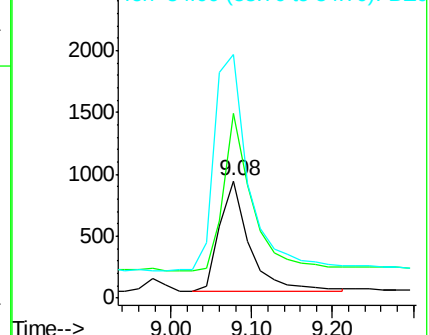
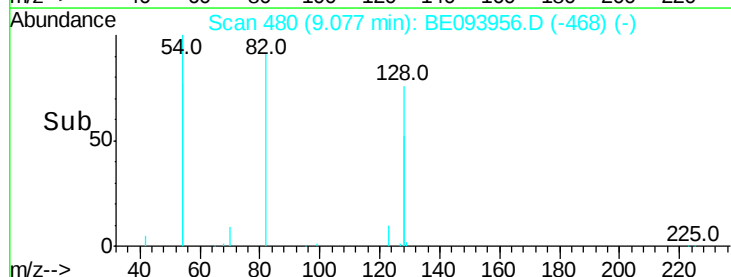
54 207.4 197.8 296.8



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: 0.247 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

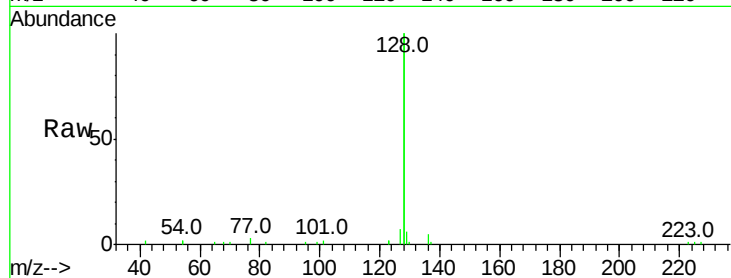
Tot Ion:128 Resp: 29014

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

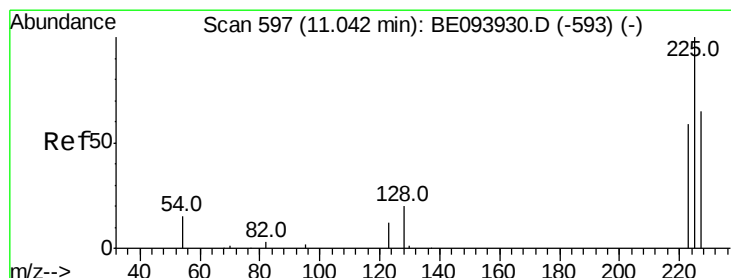
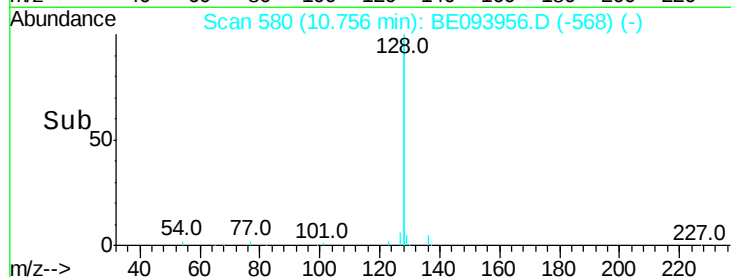
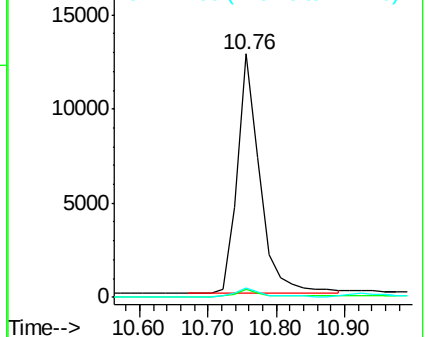
127 3.6 2.6 4.0



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: 0.255 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

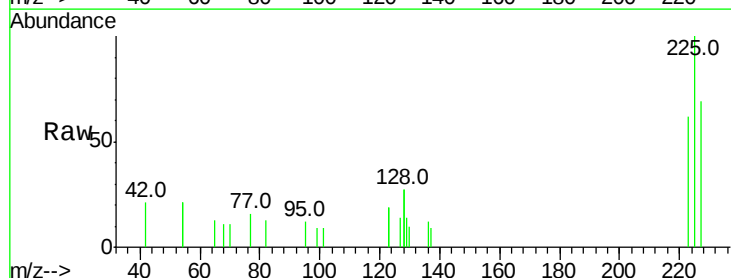
Tgt Ion:225 Resp: 1087

Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.0

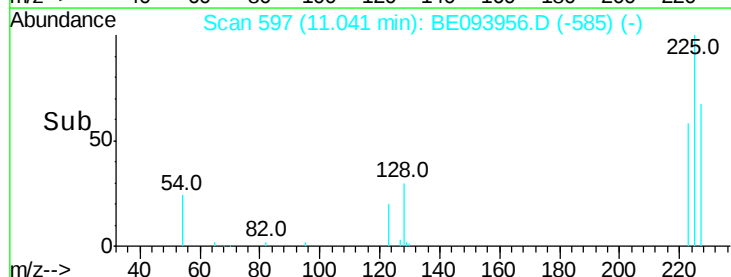
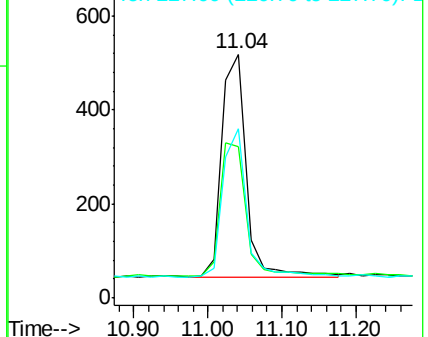
227 64.4 50.5 75.7



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: 0.275 ng

RT: 12.30 min Scan# 827

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

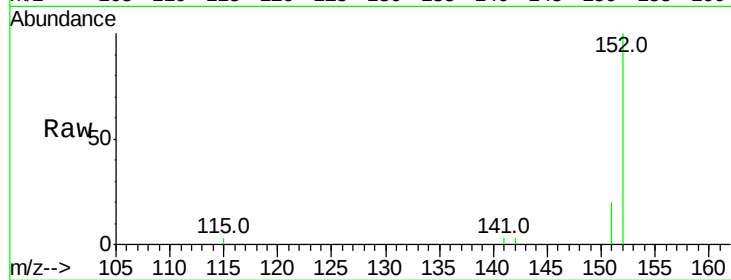
PB102204BS

Tot Ion:152 Resp: 4512

Ion Ratio Lower Upper

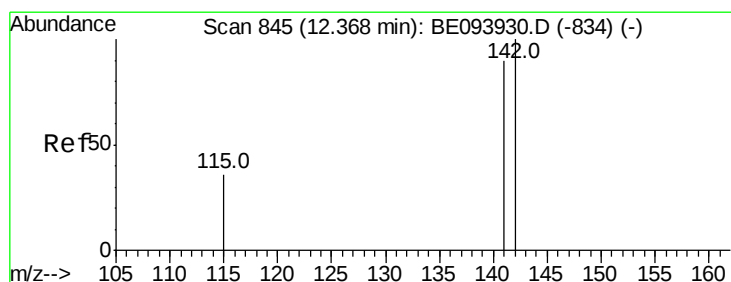
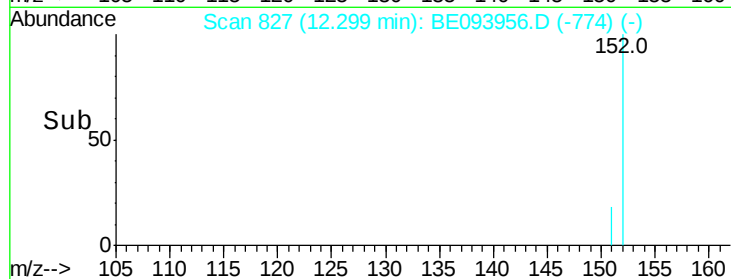
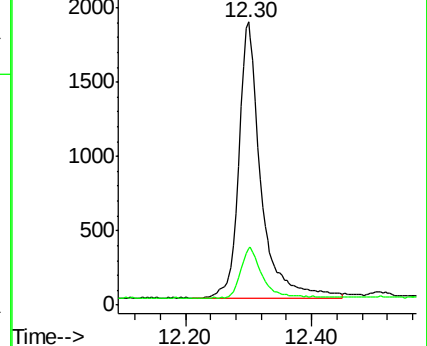
152 100

151 17.5 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: 0.253 ng

RT: 12.37 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

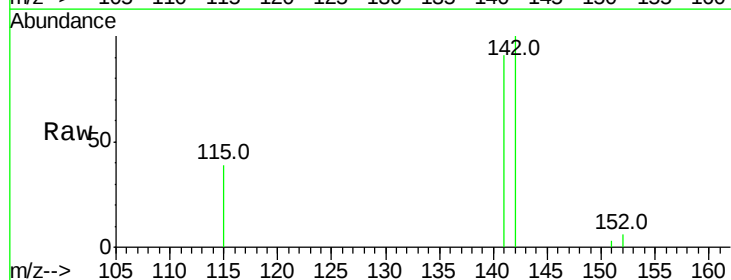
Tgt Ion:142 Resp: 4928

Ion Ratio Lower Upper

142 100

141 91.1 71.4 107.2

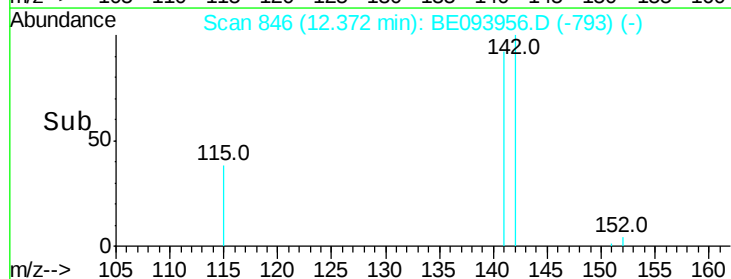
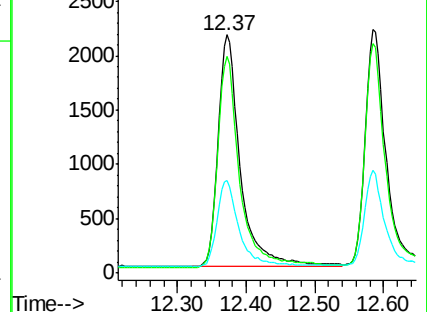
115 38.9 29.4 44.0



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

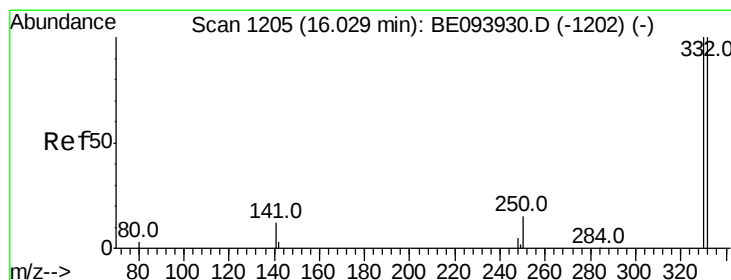
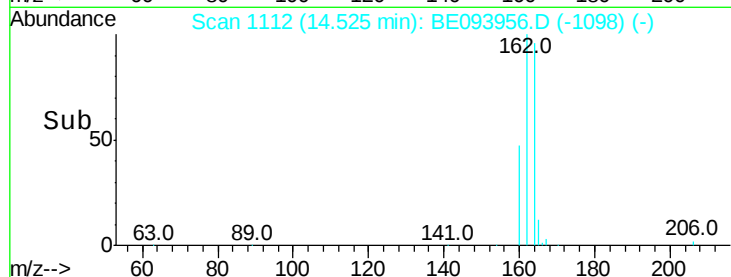
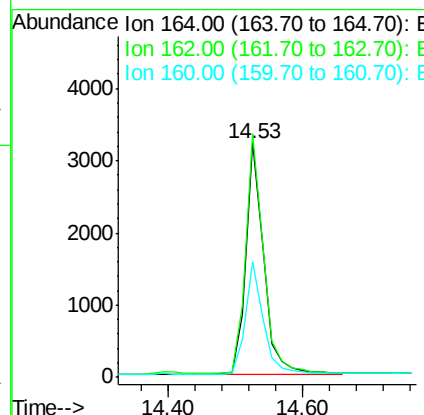
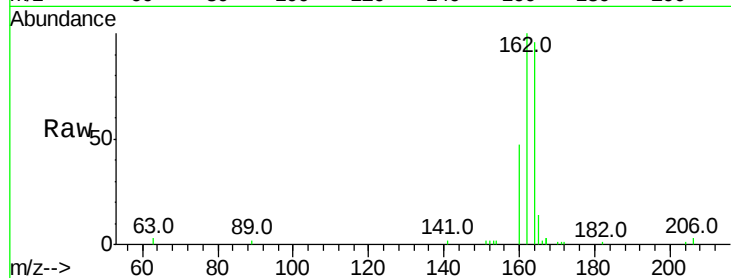




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

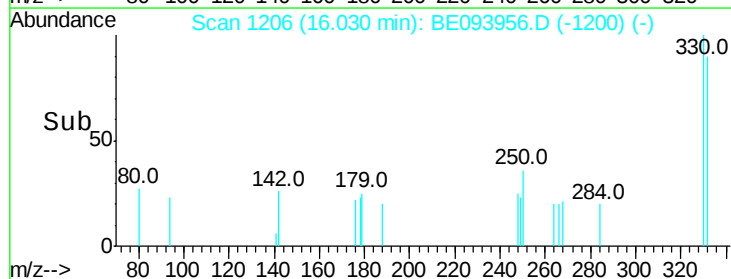
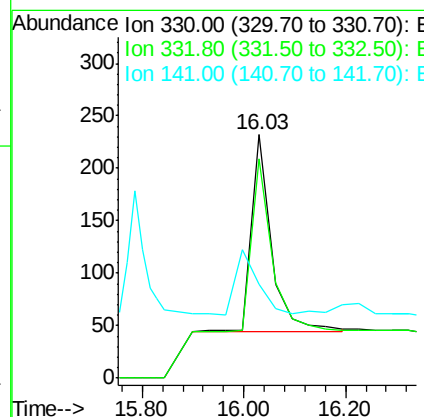
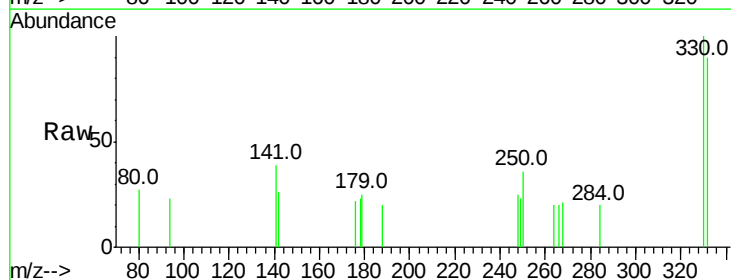
Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tot Ion:164 Resp: 5868
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 49.4 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:330 Resp: 518
Ion Ratio Lower Upper
330 100
332 89.6 76.9 115.3
141 0.0 0.0 0.0

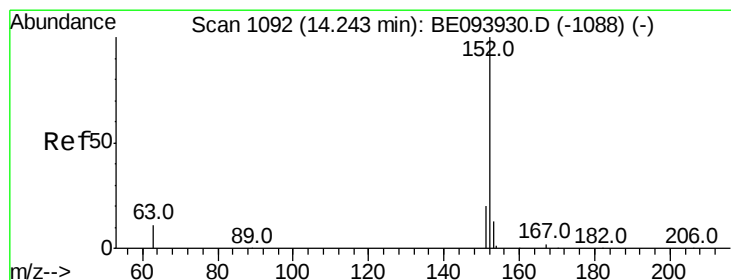
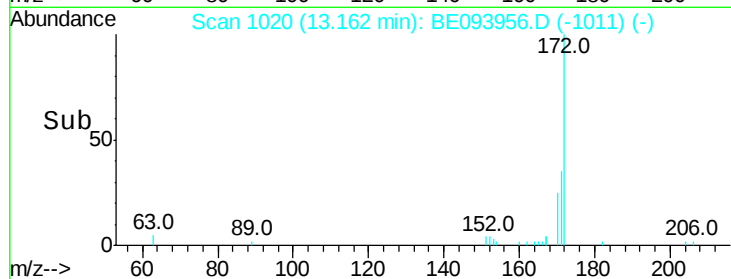
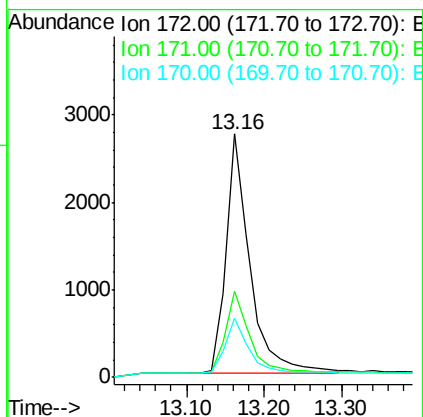
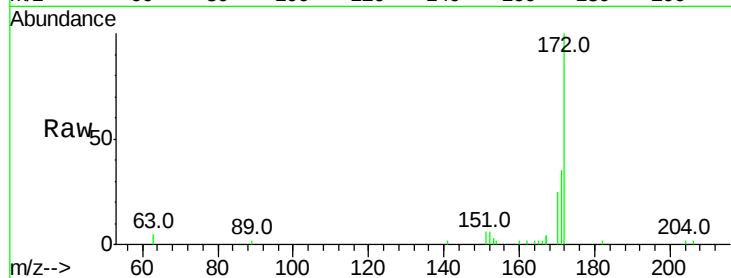




#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

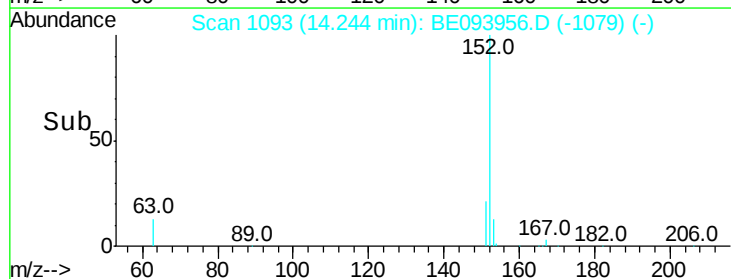
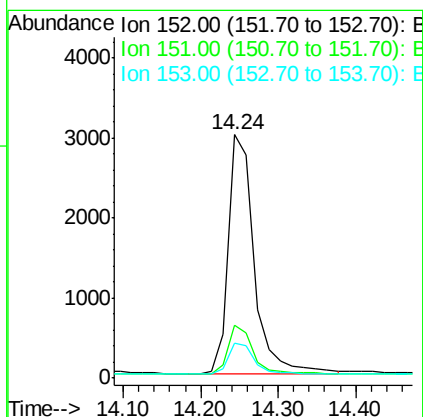
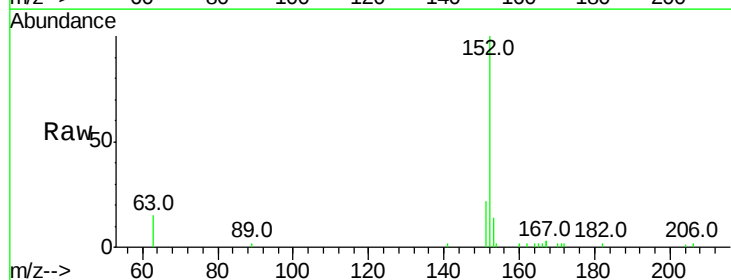
Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tot Ion:172 Resp: 5855
Ion Ratio Lower Upper
172 100
171 35.5 26.9 40.3
170 24.5 17.3 25.9



#16
Acenaphthylene
Concen: 0.237 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:152 Resp: 6930
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.253 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

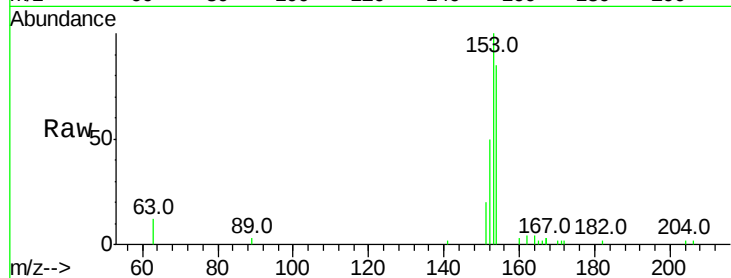
Tot Ion:154 Resp: 5009

Ion Ratio Lower Upper

154 100

153 112.4 91.8 137.6

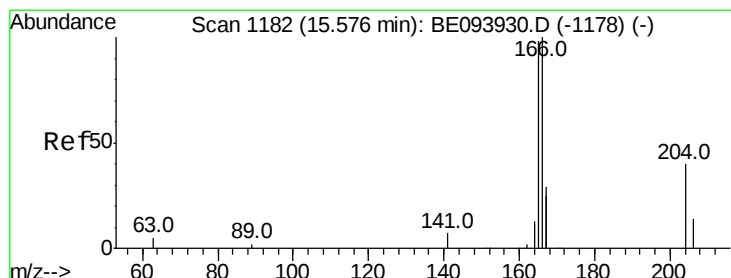
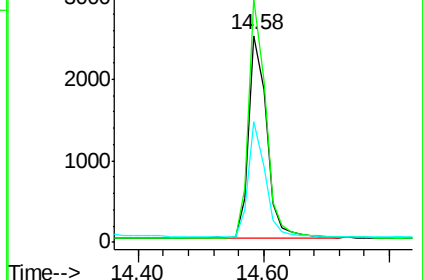
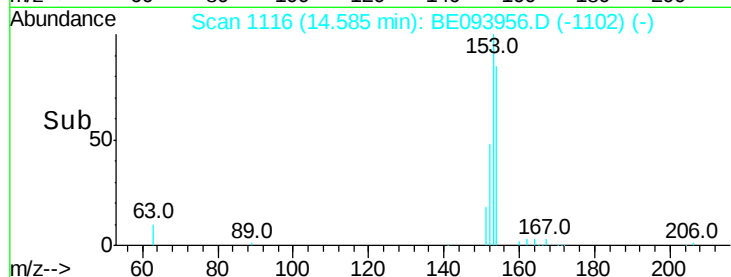
152 53.8 44.9 67.3



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: 0.255 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

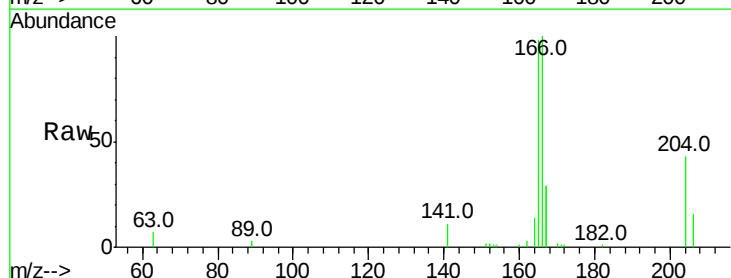
Tgt Ion:166 Resp: 6523

Ion Ratio Lower Upper

166 100

165 100.0 79.4 119.0

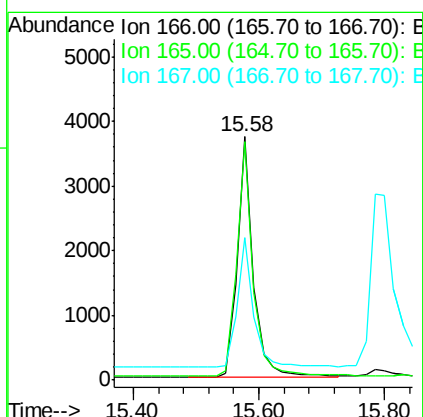
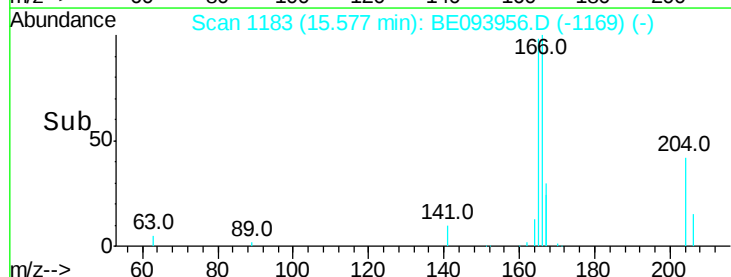
167 55.4 43.5 65.3

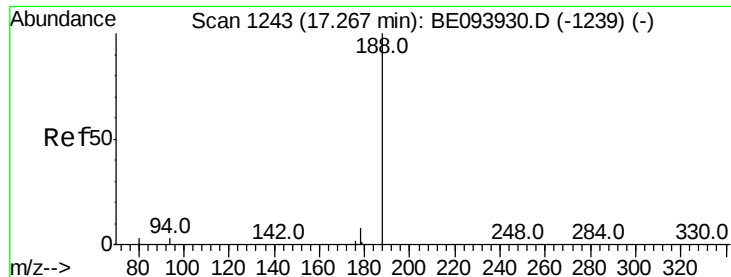


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

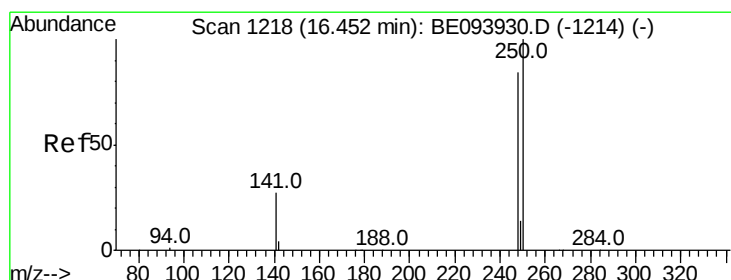
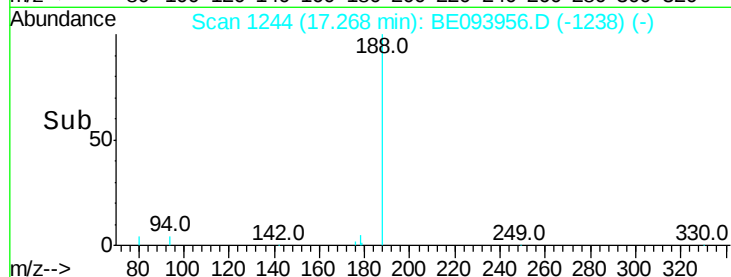
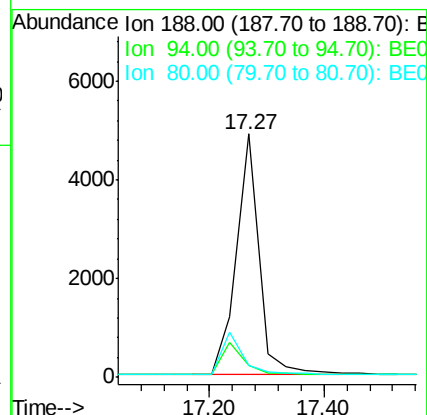
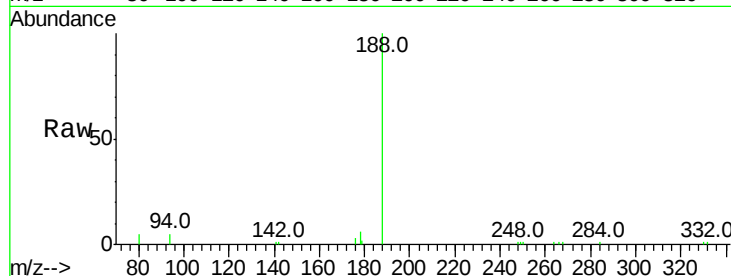
Tot Ion:188 Resp: 13328

Ion Ratio Lower Upper

188 100

94 4.9 16.1 24.1#

80 5.1 18.2 27.2#



#20

4-Bromophenyl-phenylether

Concen: 0.231 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

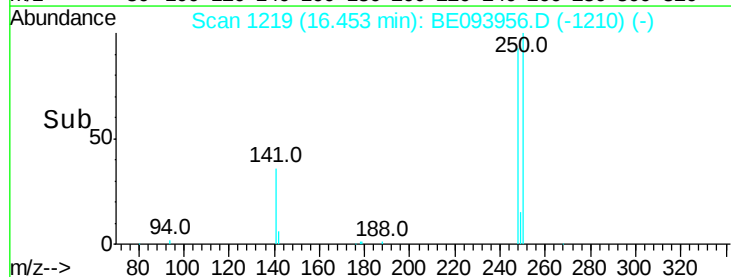
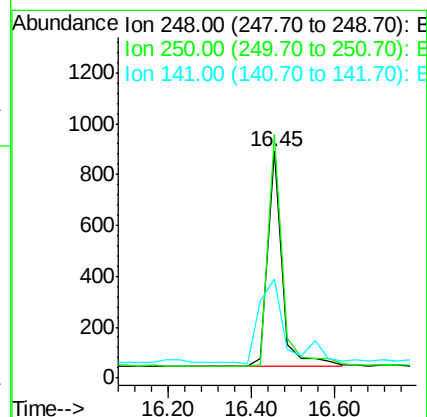
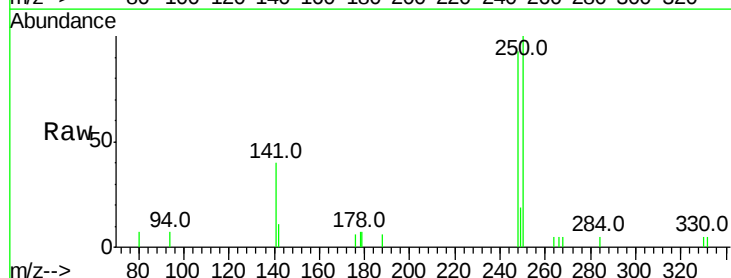
Tgt Ion:248 Resp: 2059

Ion Ratio Lower Upper

248 100

250 107.5 111.8 167.8#

141 43.5 27.1 40.7#





#21

Hexachlorobenzene

Concen: 0.216 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

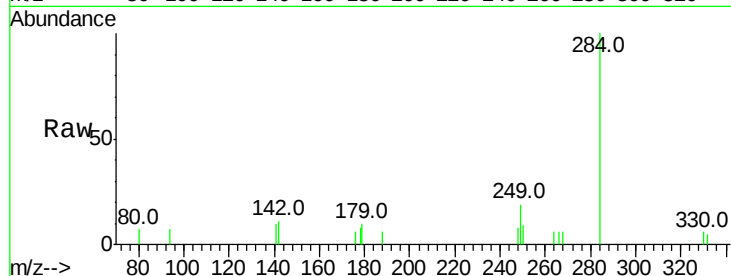
Tot Ion:284 Resp: 1698

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

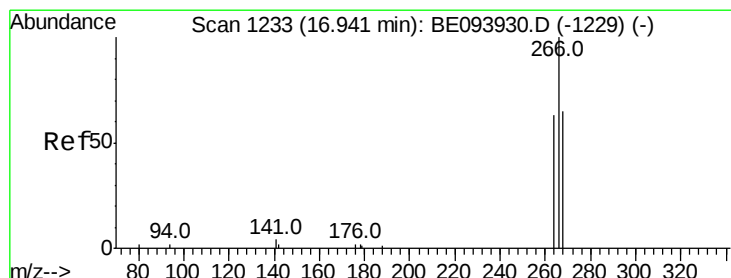
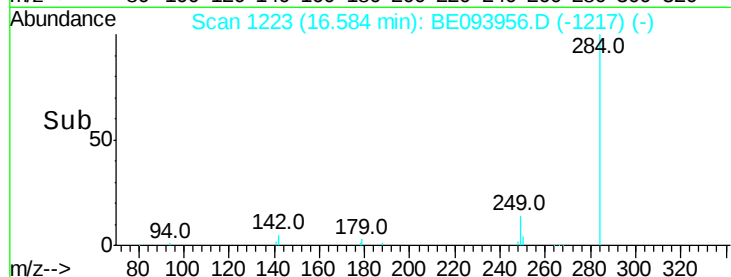
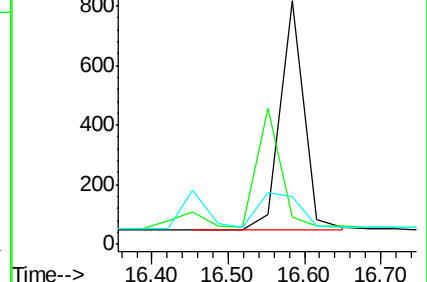
249 0.0 0.0 0.0



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: 0.388 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

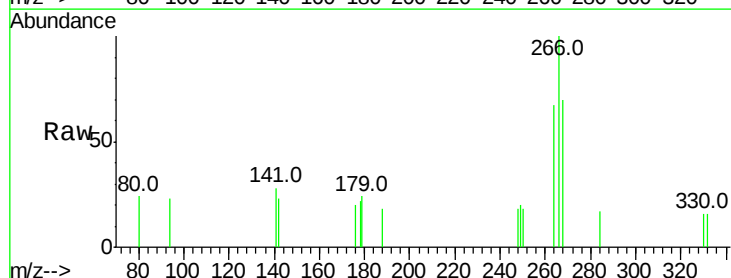
Tgt Ion:266 Resp: 821

Ion Ratio Lower Upper

266 100

264 66.7 53.5 80.3

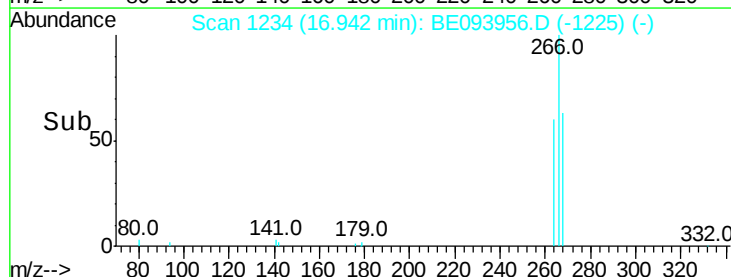
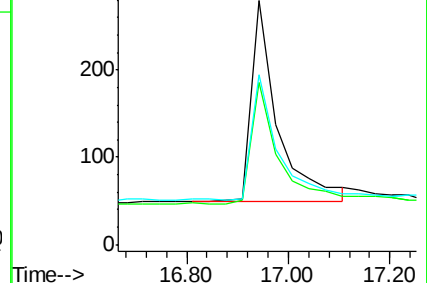
268 69.9 60.0 90.0

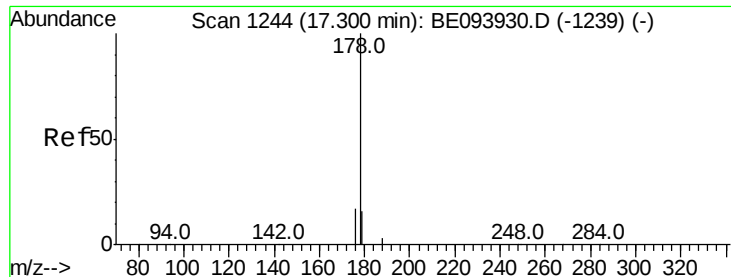


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.244 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

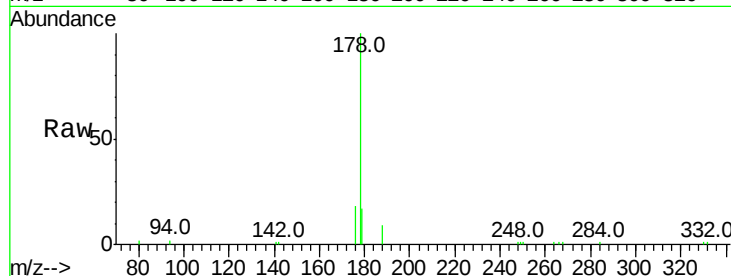
Tot Ion:178 Resp: 13195

Ion Ratio Lower Upper

178 100

176 18.1 0.0 0.0#

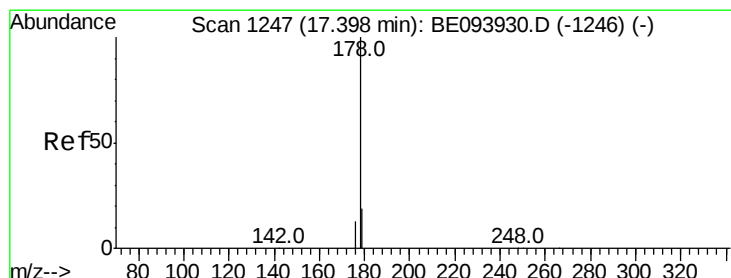
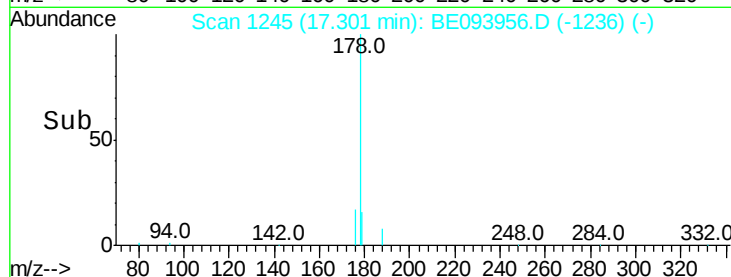
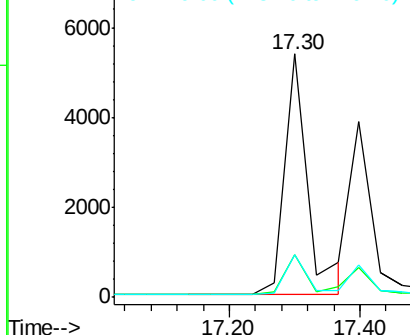
179 15.8 12.6 18.8



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: 0.220 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

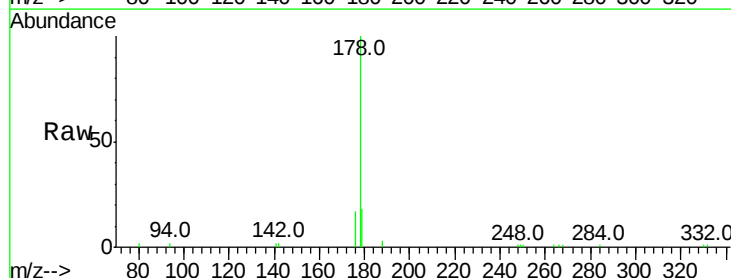
Tgt Ion:178 Resp: 8915

Ion Ratio Lower Upper

178 100

176 16.5 16.0 24.0

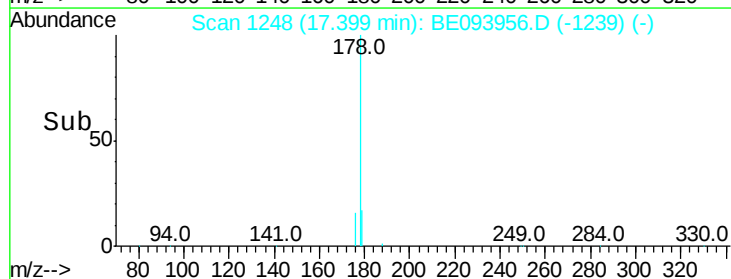
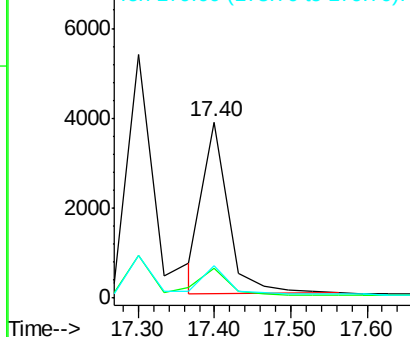
179 16.8 0.0 0.0#

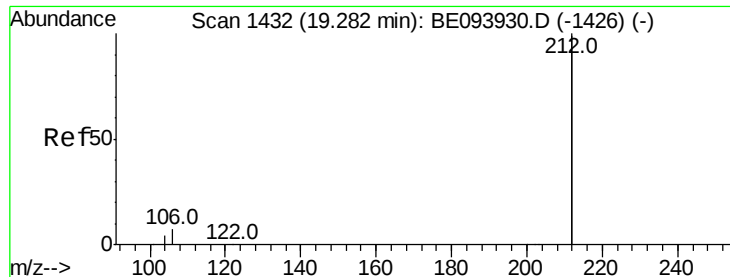


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.249 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

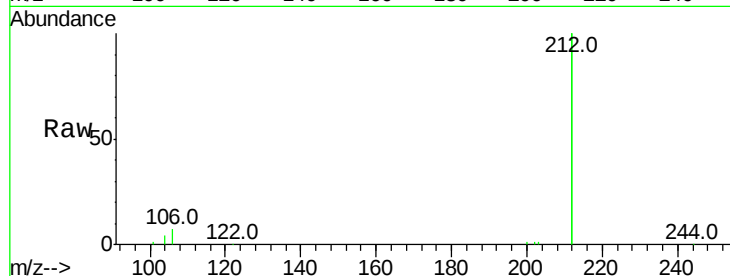
Tot Ion:212 Resp: 49495

Ion Ratio Lower Upper

212 100

106 3.3 2.7 4.1

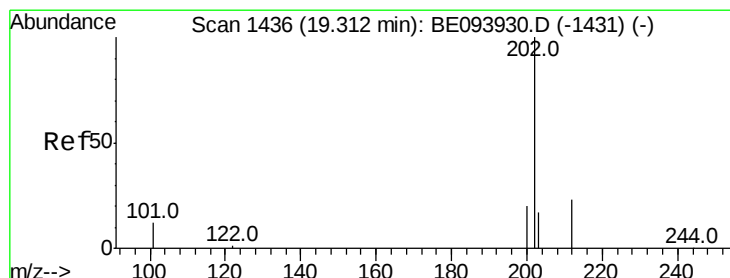
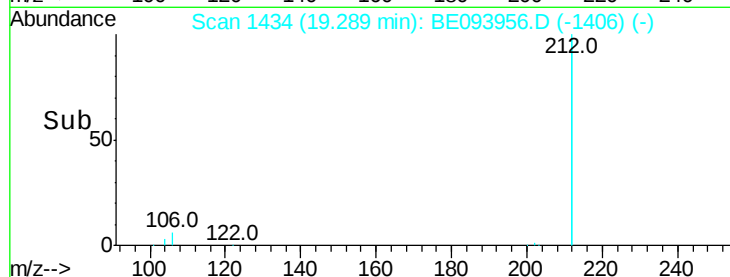
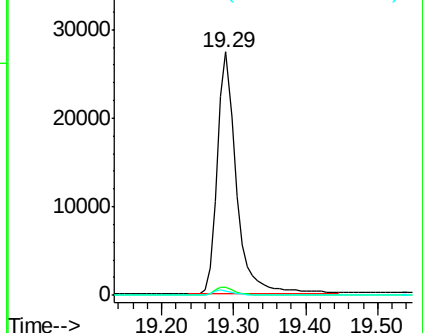
104 2.0 1.6 2.4



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: 0.234 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

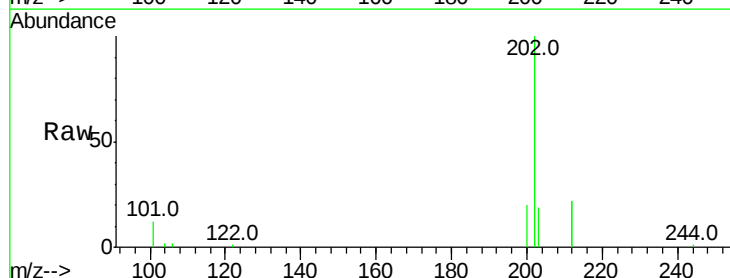
Tgt Ion:202 Resp: 13884

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

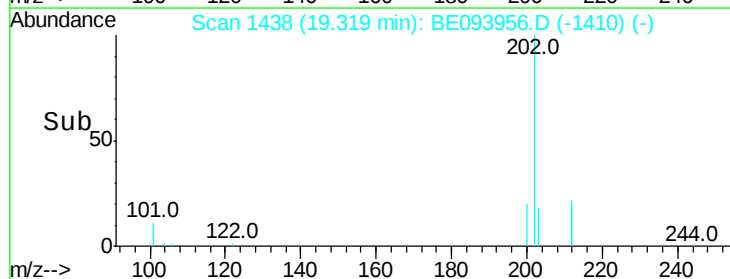
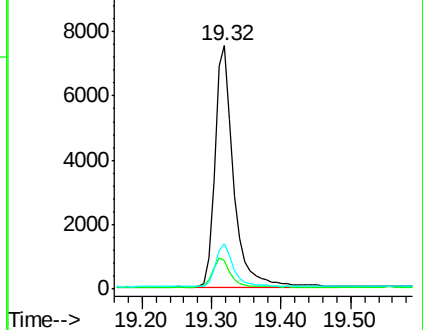
203 17.0 13.7 20.5



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: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

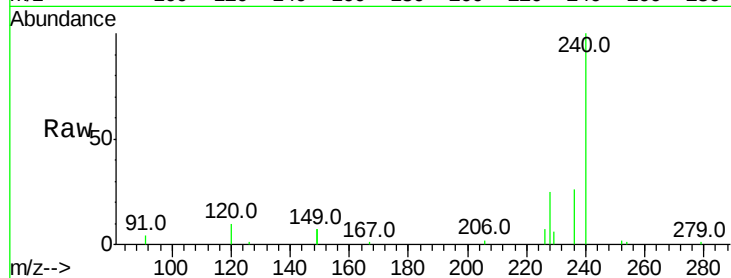
Tot Ion:240 Resp: 17808

Ion Ratio Lower Upper

240 100

120 9.8 8.7 13.1

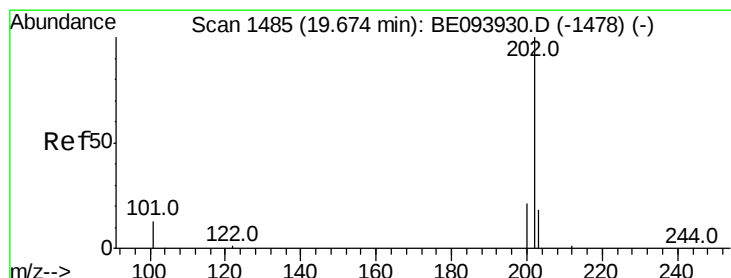
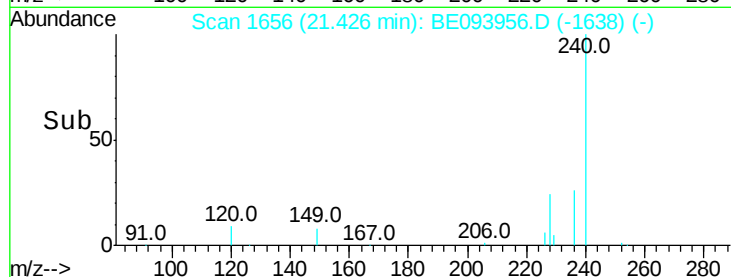
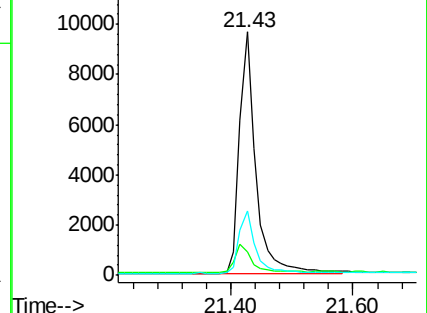
236 26.5 21.3 31.9



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: 0.235 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

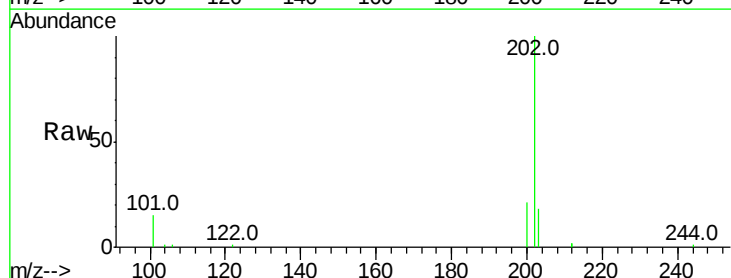
Tgt Ion:202 Resp: 14422

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

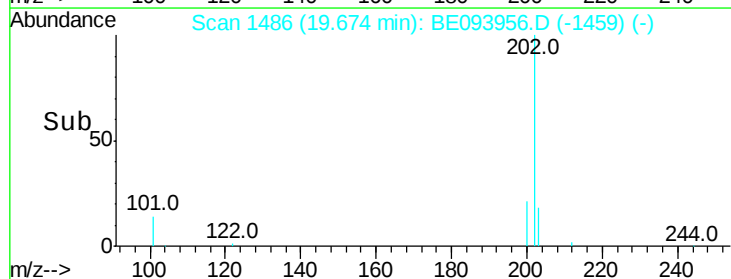
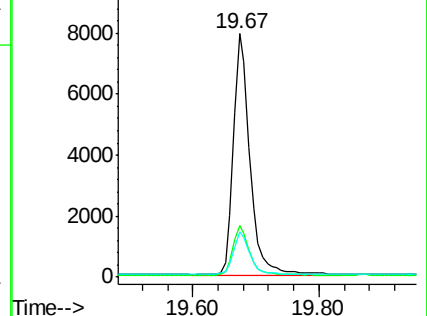
203 17.9 14.2 21.4

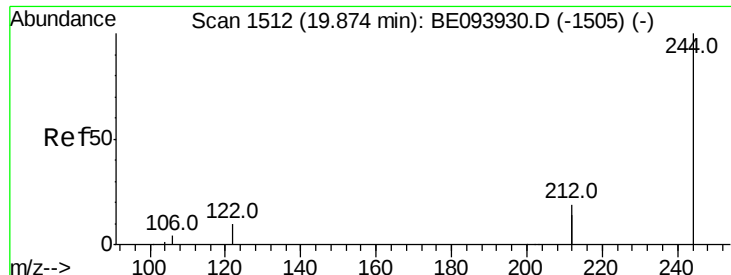


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.284 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

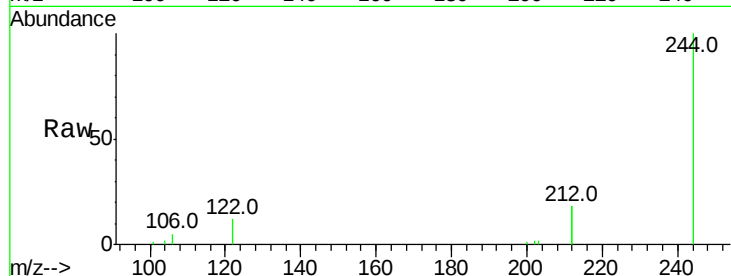
Tot Ion:244 Resp: 9298

Ion Ratio Lower Upper

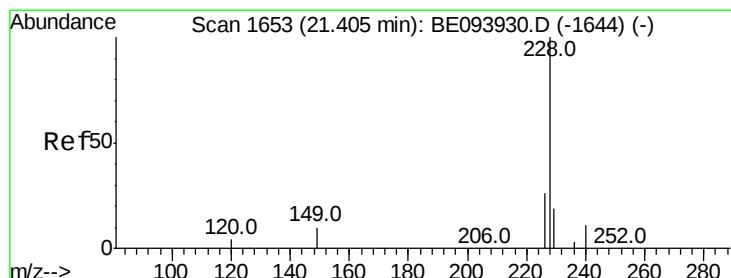
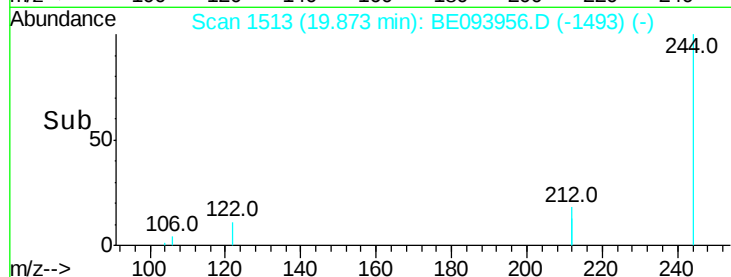
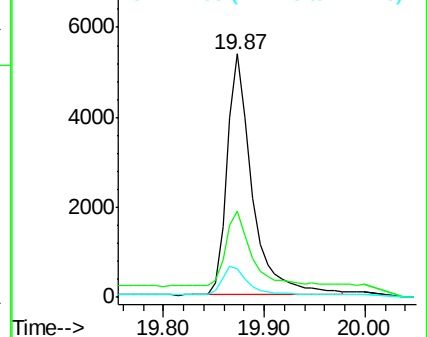
244 100

212 35.7 28.3 42.5

122 11.7 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: 0.232 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

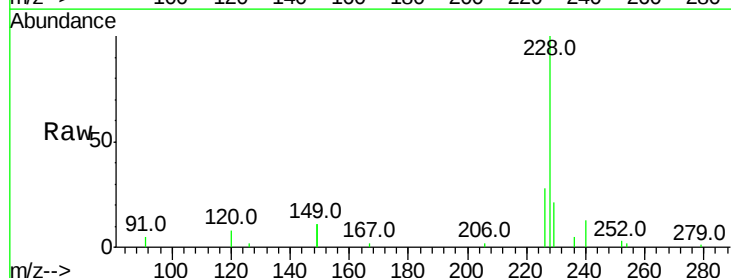
Tgt Ion:228 Resp: 12672

Ion Ratio Lower Upper

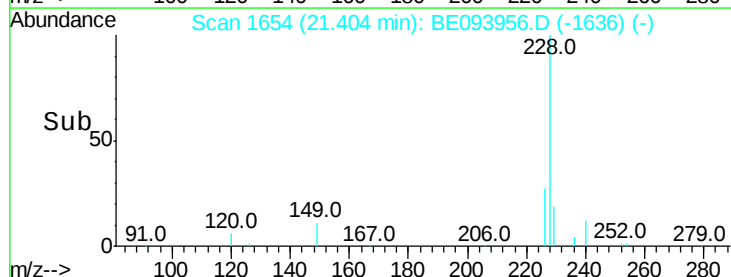
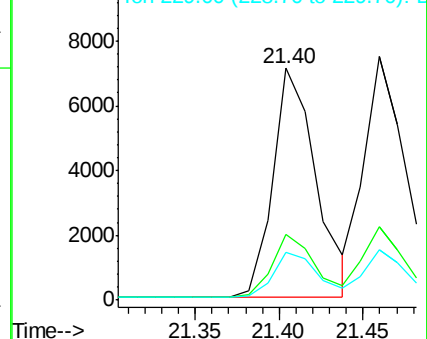
228 100

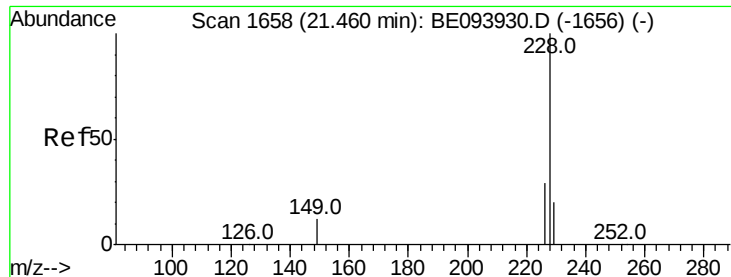
226 28.1 20.8 31.2

229 20.6 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: 0.242 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

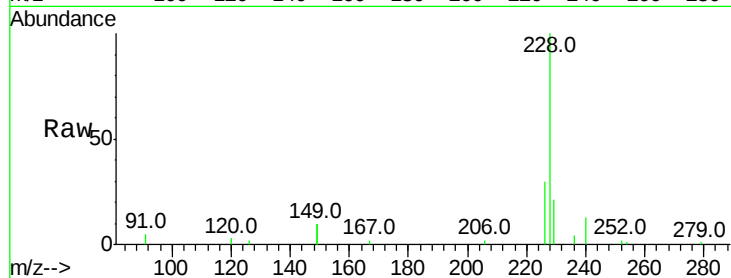
Tot Ion:228 Resp: 13996

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

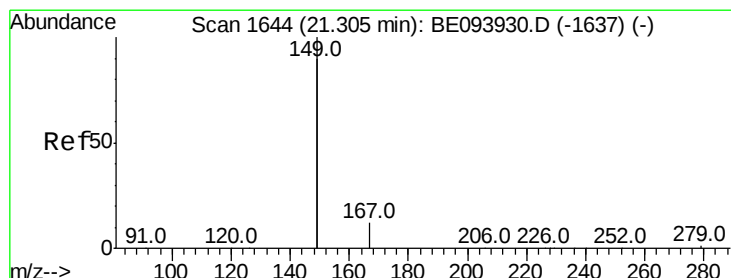
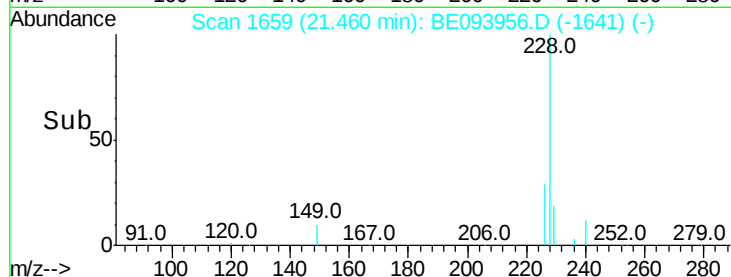
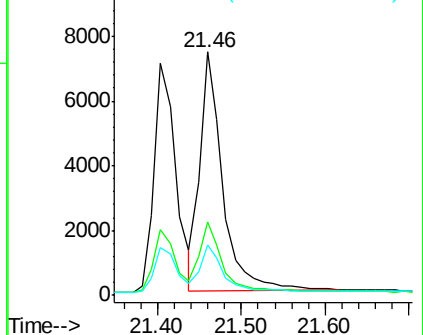
229 20.5 15.8 23.8



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: 0.218 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

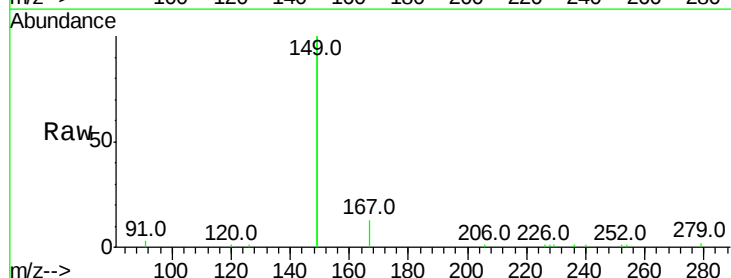
Tgt Ion:149 Resp: 29009

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

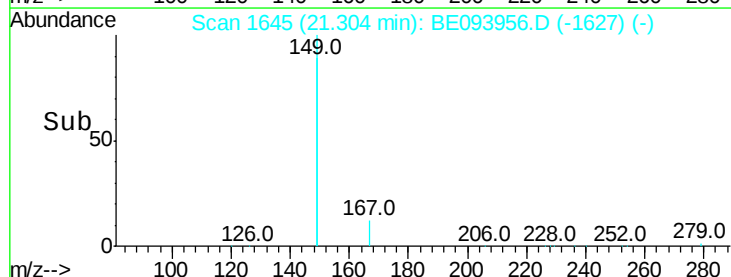
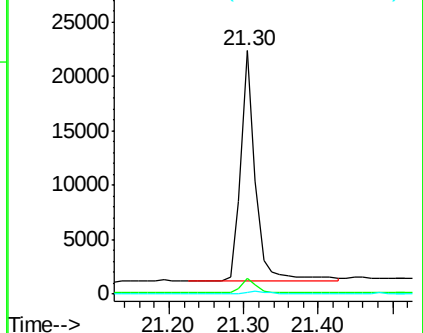
279 0.8 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

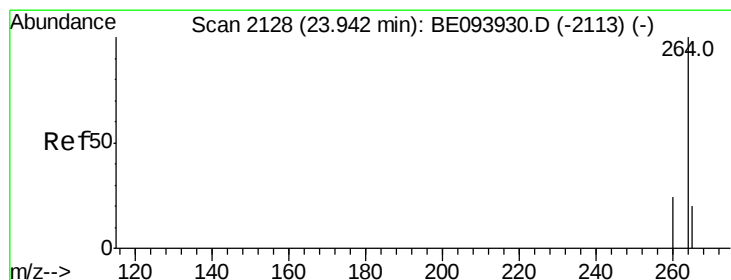
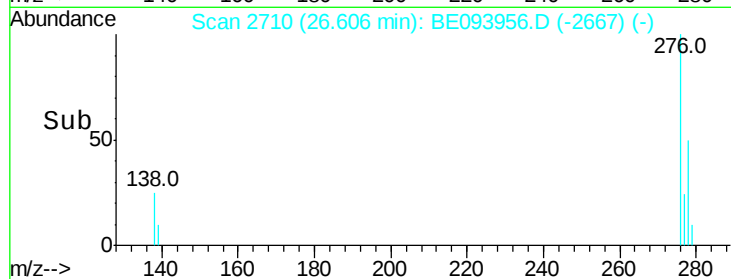
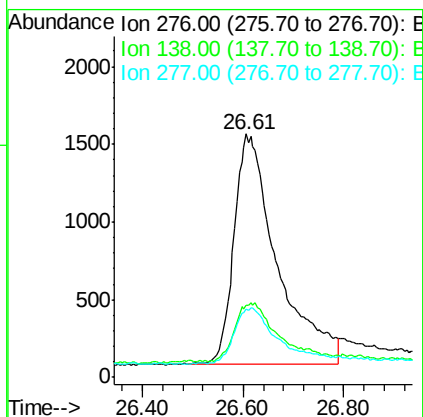
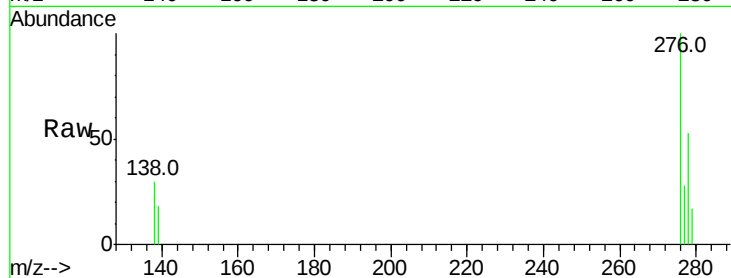




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng
RT: 26.61 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

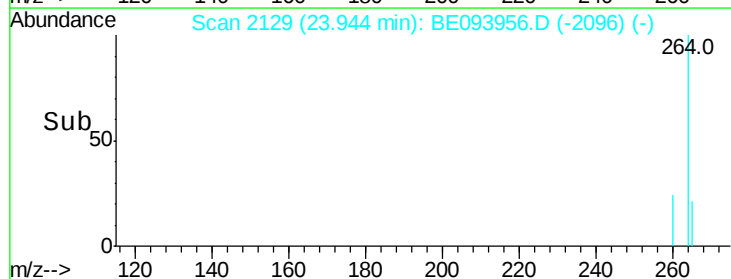
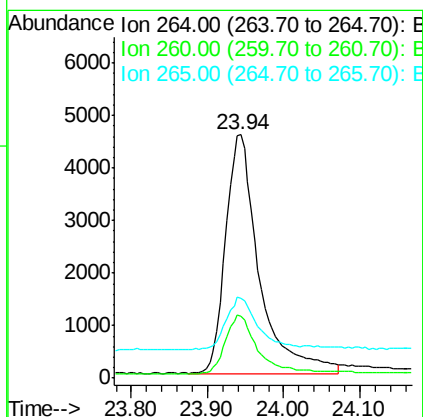
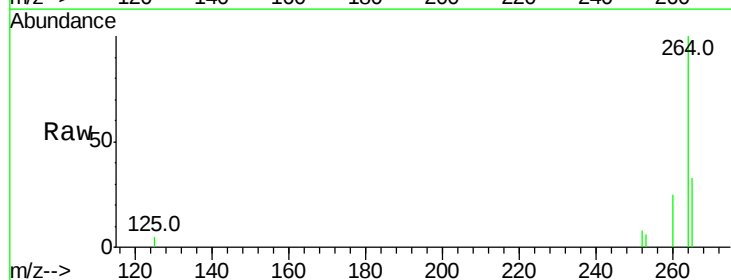
Instrument :
BNA_E
ClientSampleId :
PB102204BS

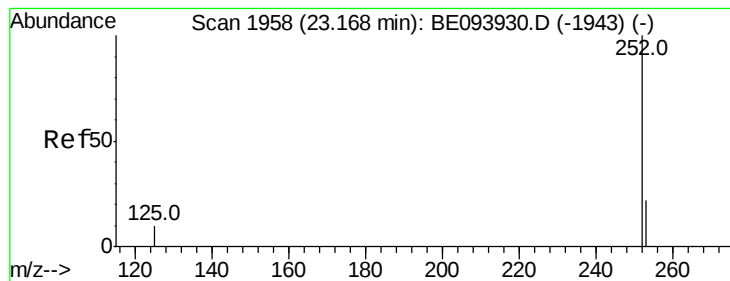
Tot Ion:276 Resp: 8873
Ion Ratio Lower Upper
276 100
138 25.6 22.2 33.2
277 24.5 19.5 29.3



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:264 Resp: 14063
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 32.8 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.237 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

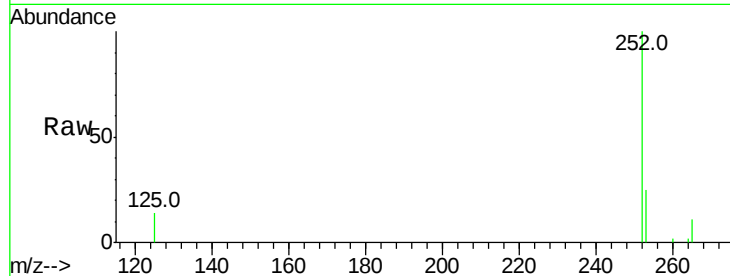
Tot Ion:252 Resp: 10611

Ion Ratio Lower Upper

252 100

253 25.2 19.4 29.0

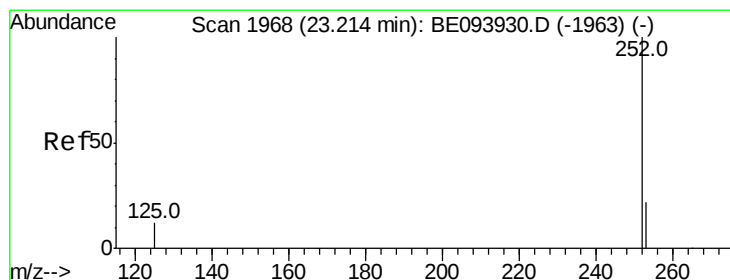
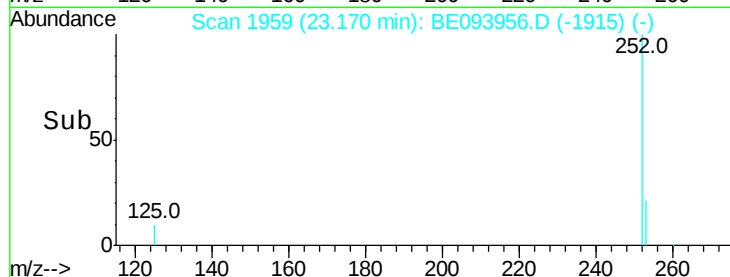
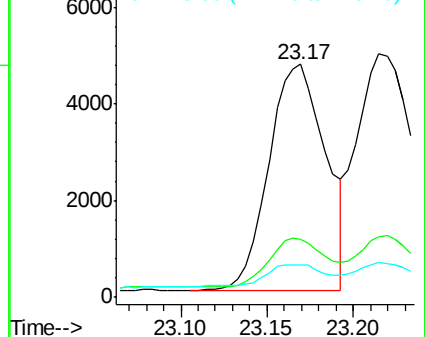
125 13.9 10.0 15.0



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: 0.253 ng

RT: 23.22 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

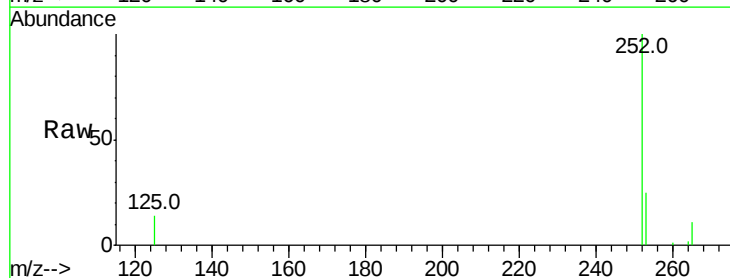
Tgt Ion:252 Resp: 13884

Ion Ratio Lower Upper

252 100

253 24.9 18.1 27.1

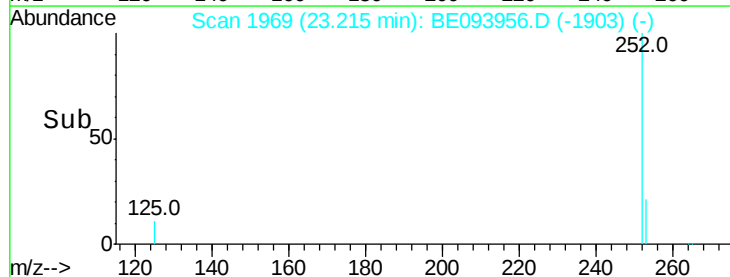
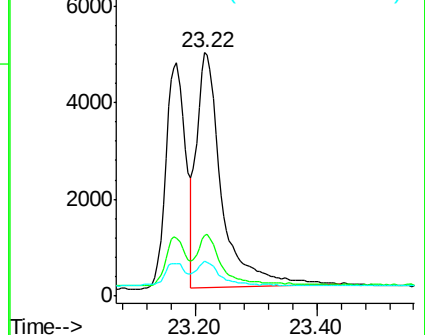
125 14.4 9.8 14.6



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: 0.245 ng

RT: 23.83 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS

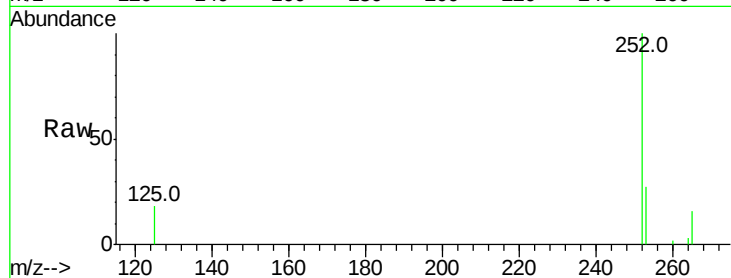
Tot Ion:252 Resp: 11187

Ion Ratio Lower Upper

252 100

253 27.1 19.6 29.4

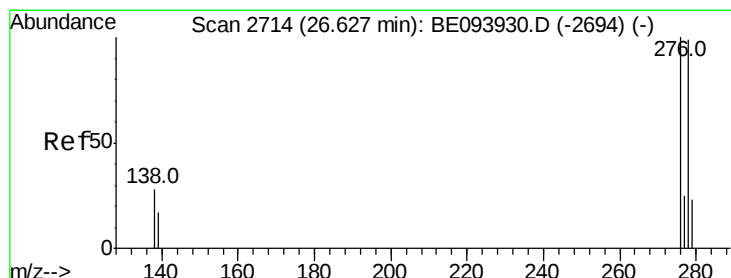
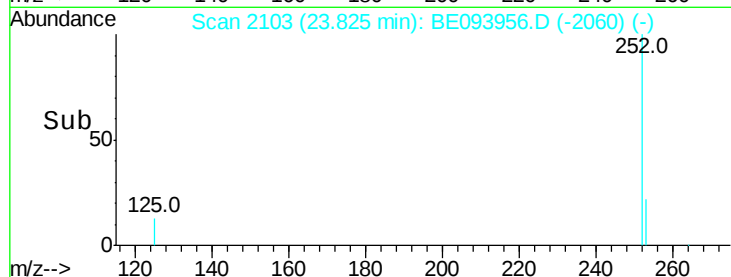
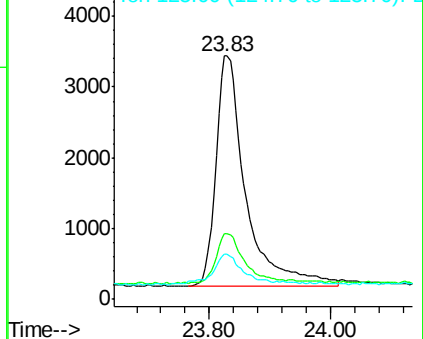
125 18.4 11.8 17.8#



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: 0.228 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE093956.D

Acq: 11 Sep 2017 10:58

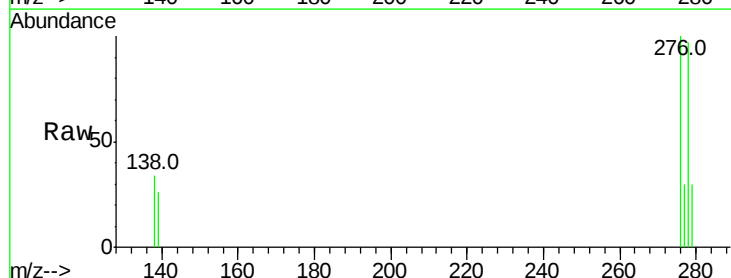
Tgt Ion:278 Resp: 6903

Ion Ratio Lower Upper

278 100

139 27.2 16.7 25.1#

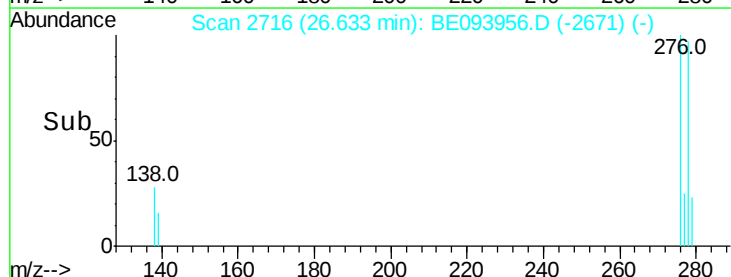
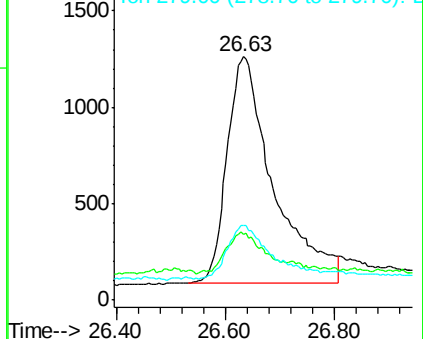
279 30.5 21.6 32.4



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: 0.249 ng

RT: 27.43 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BE093956.D

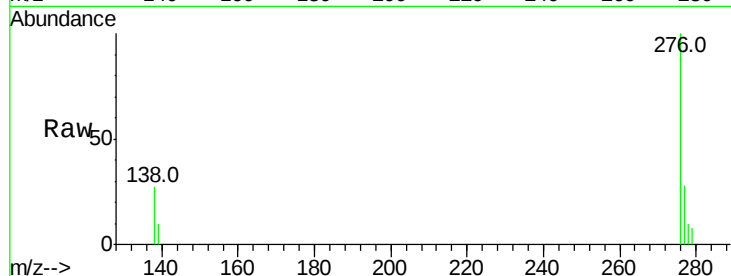
Acq: 11 Sep 2017 10:58

Instrument :

BNA_E

ClientSampleId :

PB102204BS



Tot Ion:276 Resp: 7940

Ion Ratio Lower Upper

276 100

277 28.2 20.6 30.8

138 27.1 21.9 32.9

Abundance Ion 276.00 (275.70 to 276.70): E
 2000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

