

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093982.D
 Acq On : 13 Sep 2017 10:36
 Operator : SJ/JU
 Sample : PB102153BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102153BS

Quant Time: Sep 14 00:51:31 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	2499	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11247	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6466	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13246	0.40	ng	0.00
27) Chrysene-d12	21.43	240	18065	0.40	ng	0.00
34) Perylene-d12	23.94	264	13543	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2127	0.26	ng	0.00
5) Phenol-d6	7.11	99	2801	0.23	ng	0.00
8) Nitrobenzene-d5	9.08	82	2572	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	4953	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	518	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	6578	0.26	ng	0.00
25) Fluoranthene-d10	19.29	212	52145	0.26	ng	0.00
29) Terphenyl-d14	19.87	244	9715	0.29	ng	0.00

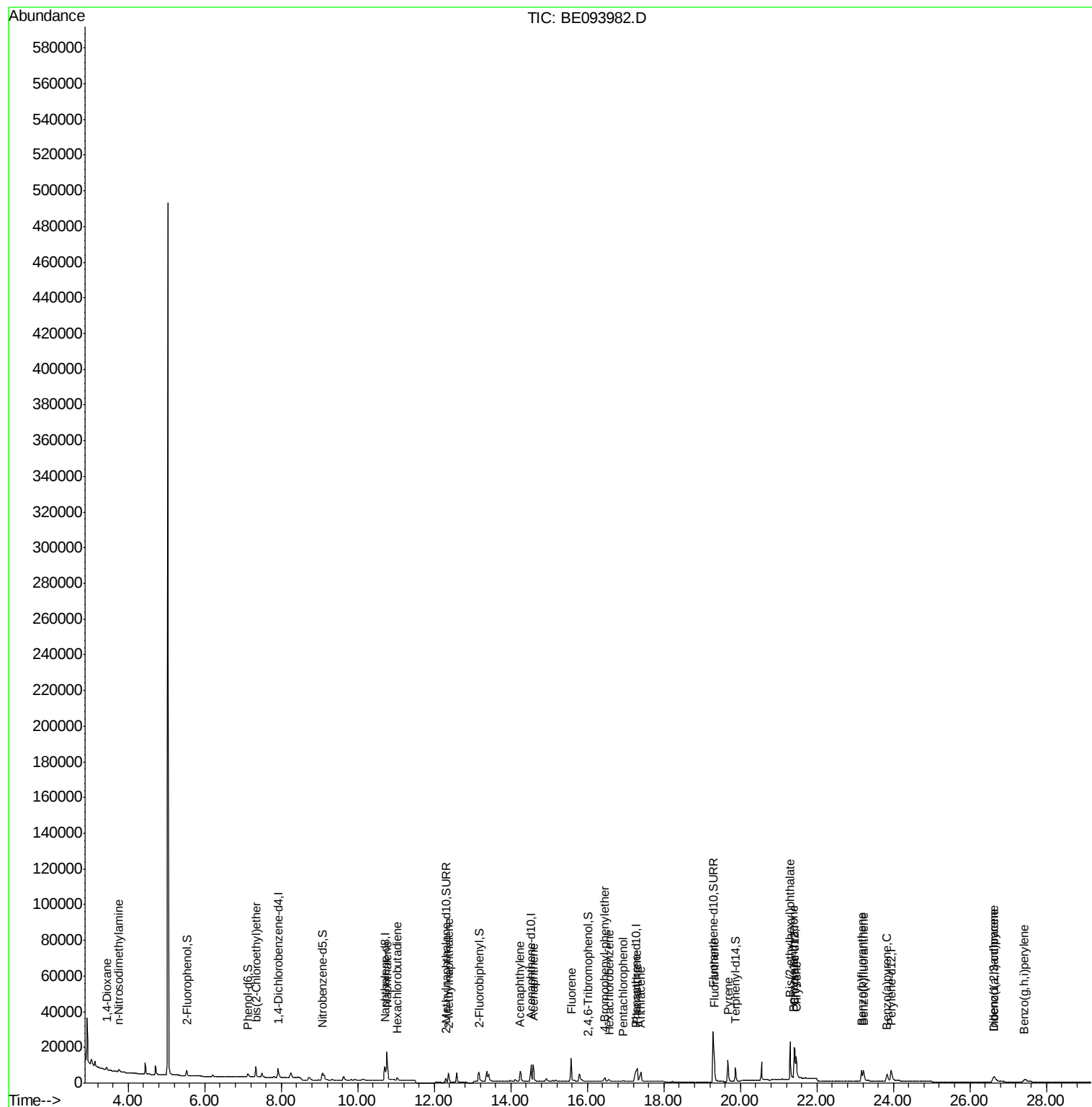
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1014	0.294	ng	# 22
3) n-Nitrosodimethylamine	3.75	42	1192	0.295	ng	# 92
6) bis(2-Chloroethyl)ether	7.34	93	2380	0.240	ng	94
9) Naphthalene	10.76	128	32431	0.252	ng	100
10) Hexachlorobutadiene	11.03	225	1185	0.253	ng	99
12) 2-Methylnaphthalene	12.37	142	5477	0.256	ng	98
16) Acenaphthylene	14.24	152	7756	0.240	ng	100
17) Acenaphthene	14.59	154	5394	0.247	ng	99
18) Fluorene	15.58	166	7231	0.257	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2142	0.247	ng	# 78
21) Hexachlorobenzene	16.58	284	1748	0.224	ng	# 100
22) Pentachlorophenol	16.94	266	888	0.423	ng	96
23) Phenanthrene	17.30	178	13673	0.263	ng	# 100
24) Anthracene	17.40	178	8861	0.220	ng	# 56
26) Fluoranthene	19.32	202	14721	0.249	ng	99
28) Pyrene	19.67	202	14976	0.241	ng	99
30) Benzo(a)anthracene	21.40	228	13115	0.236	ng	97
31) Chrysene	21.46	228	14304	0.244	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	28140	0.209	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	7806	0.199	ng	98
35) Benzo(b)fluoranthene	23.17	252	9967	0.231	ng	98
36) Benzo(k)fluoranthene	23.22	252	14093	0.267	ng	95
37) Benzo(a)pyrene	23.83	252	10966	0.250	ng	# 95
38) Dibenzo(a,h)anthracene	26.63	278	6165	0.212	ng	# 91
39) Benzo(g,h,i)perylene	27.43	276	7113	0.232	ng	97

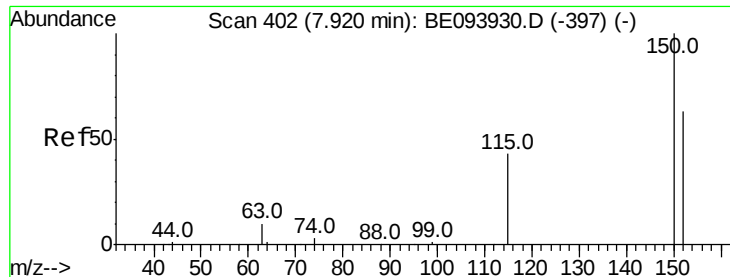
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093982.D
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
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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: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

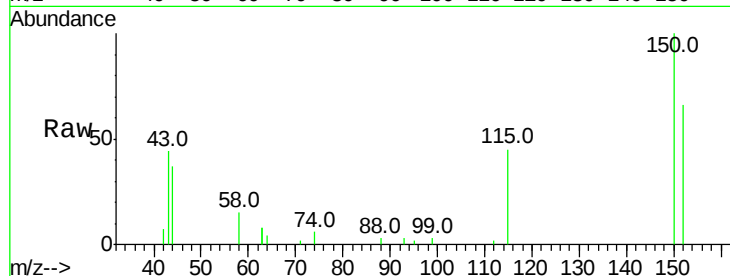
Tot Ion:152 Resp: 2499

Ion Ratio Lower Upper

152 100

150 152.5 121.8 182.6

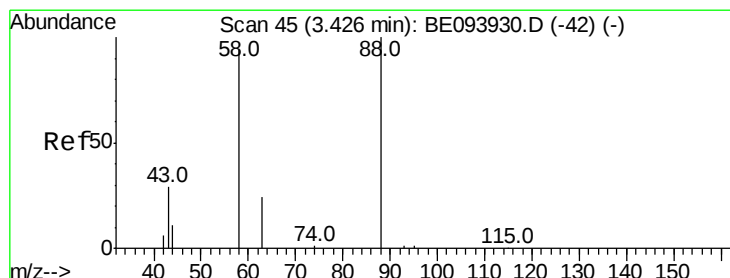
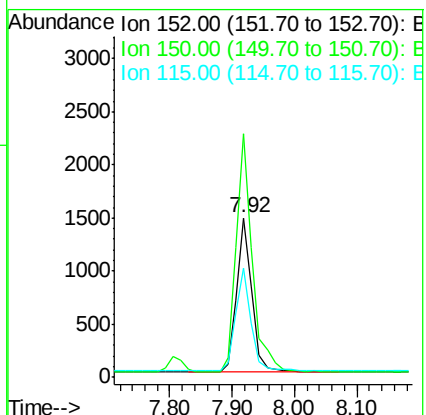
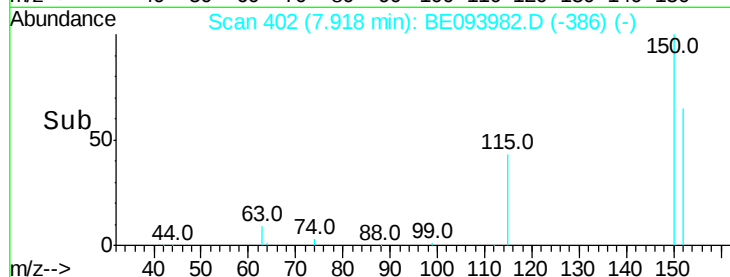
115 68.1 52.6 79.0



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: 0.294 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

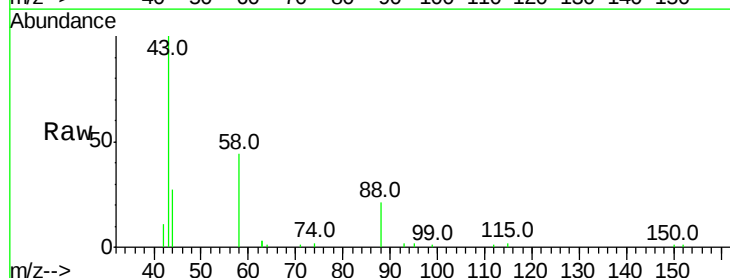
Tgt Ion: 88 Resp: 1014

Ion Ratio Lower Upper

88 100

58 158.6 65.4 98.0#

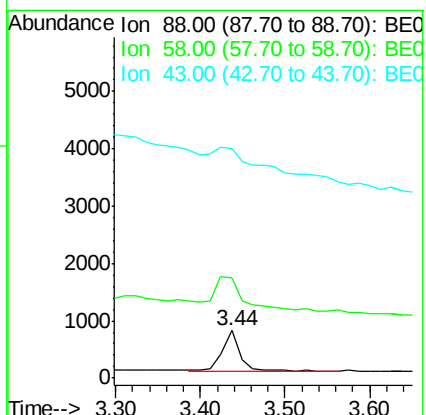
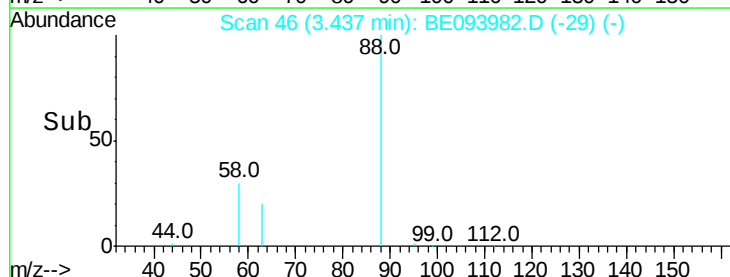
43 0.0 23.9 35.9#

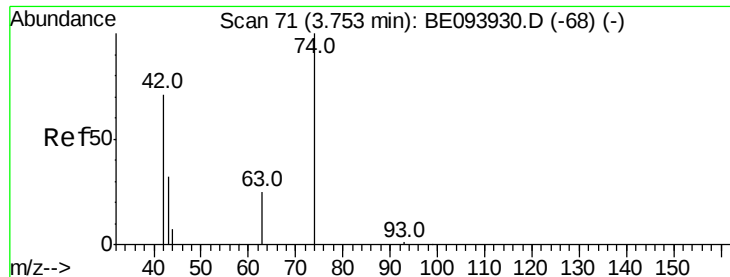


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.295 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

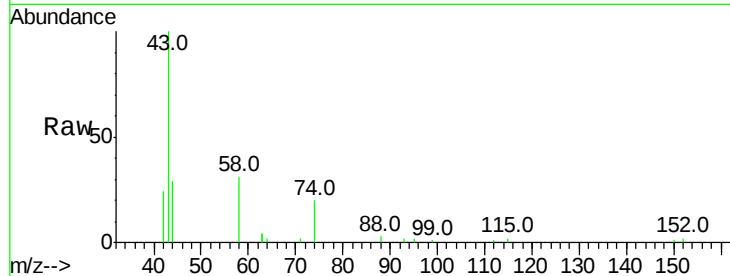
Tot Ion: 42 Resp: 1192

Ion Ratio Lower Upper

42 100

74 121.9 104.0 156.0

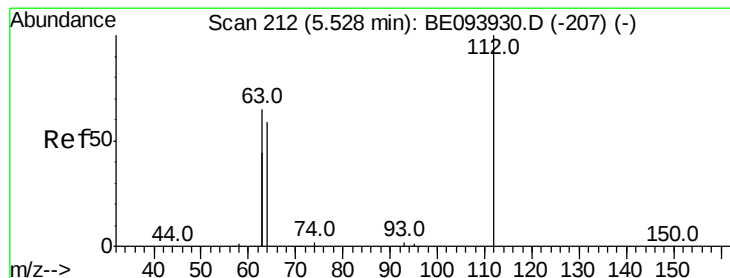
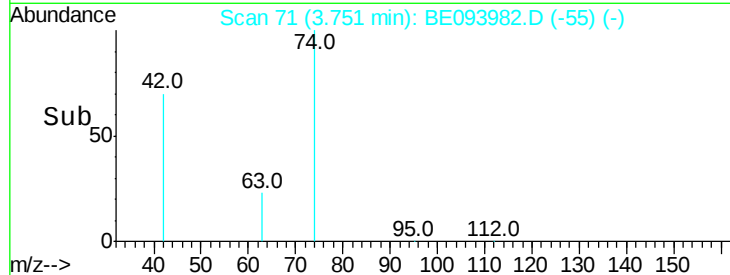
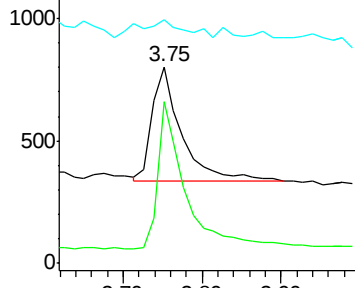
44 22.5 13.8 20.8#



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: 0.263 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

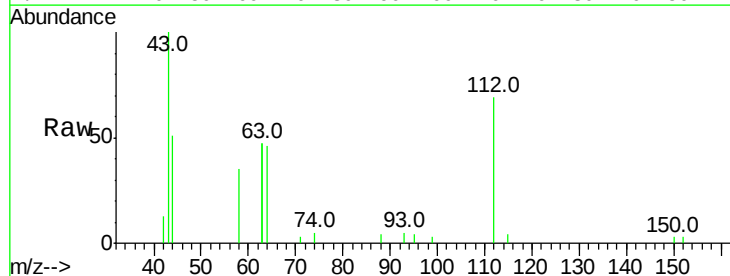
Tgt Ion: 112 Resp: 2127

Ion Ratio Lower Upper

112 100

64 73.6 57.7 86.5

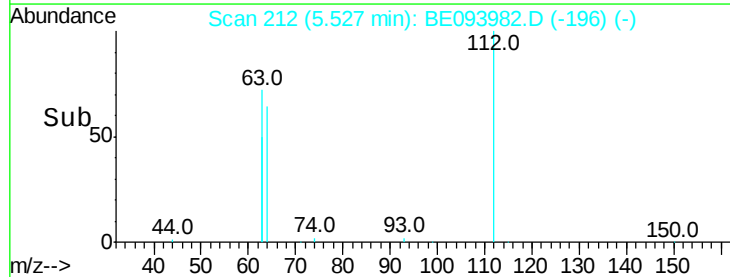
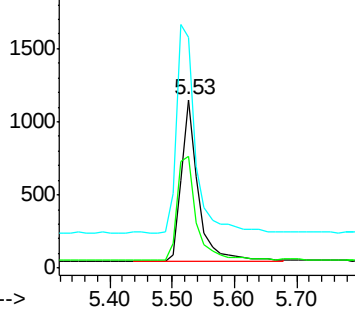
63 143.0 116.0 174.0

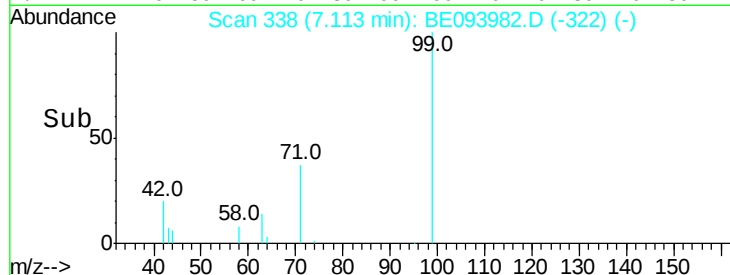
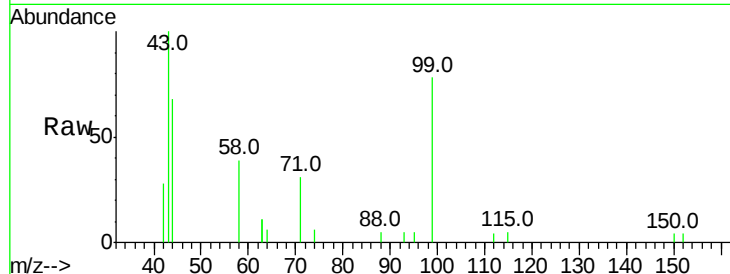
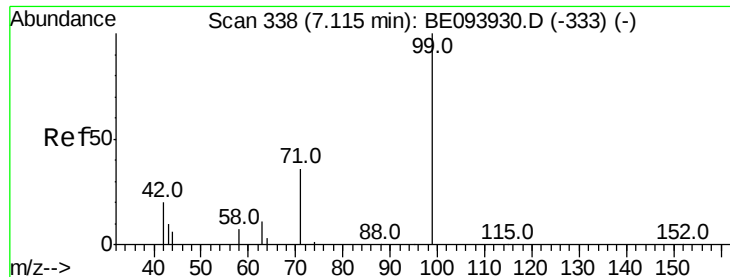


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.231 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

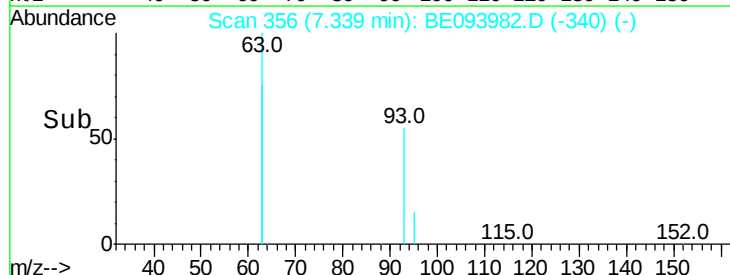
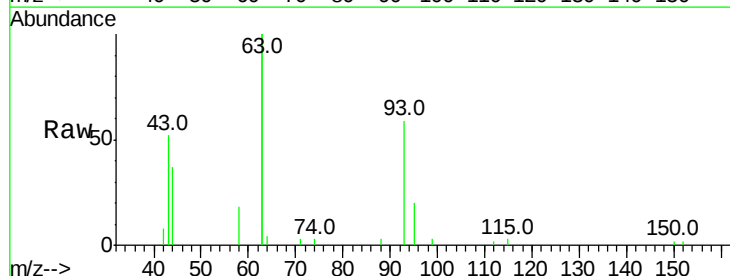
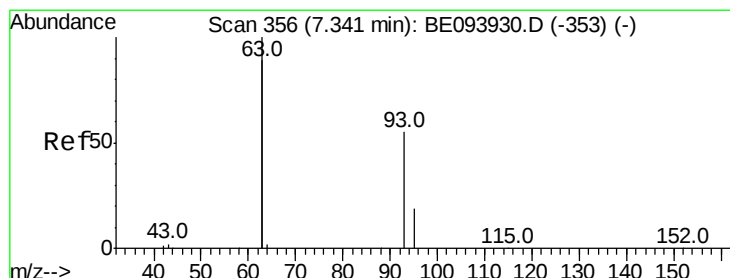
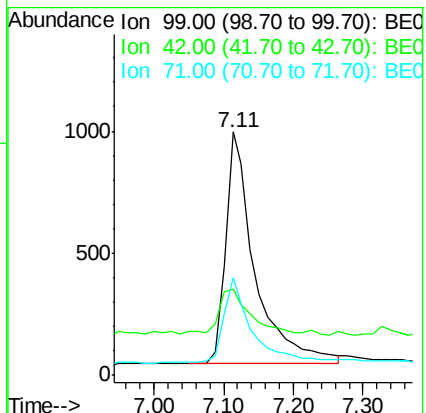
Tot Ion: 99 Resp: 2801

Ion Ratio Lower Upper

99 100

42 20.3 17.1 25.7

71 35.4 26.6 39.8



#6

bis(2-Chloroethyl)ether

Concen: 0.240 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

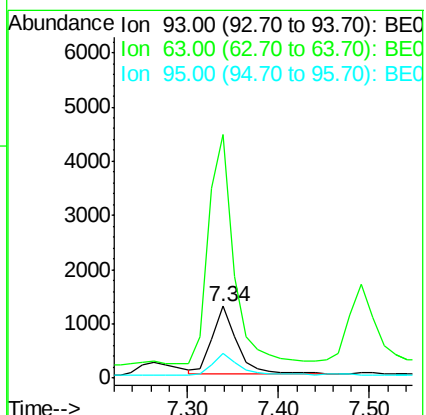
Tgt Ion: 93 Resp: 2380

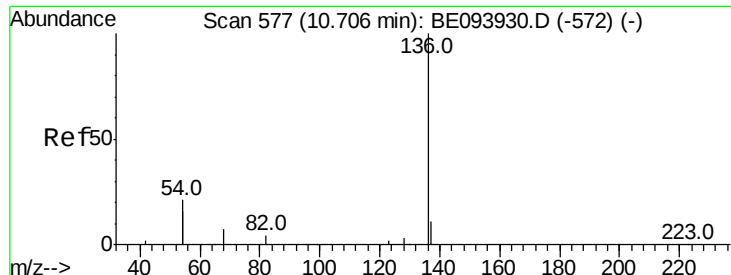
Ion Ratio Lower Upper

93 100

63 341.6 283.4 425.2

95 30.7 26.9 40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

Tot Ion:136 Resp: 11247

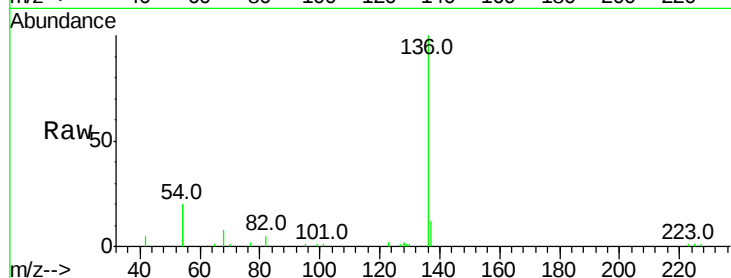
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 39.6 21.9 32.9#

68 7.9 4.6 7.0#

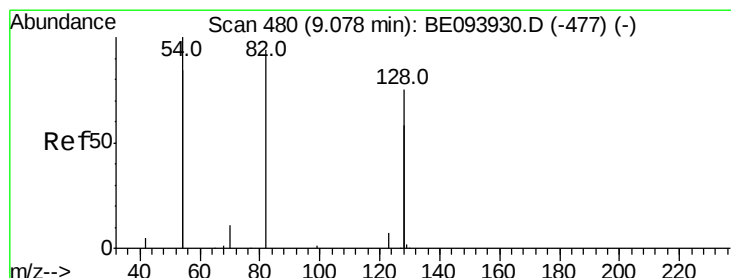
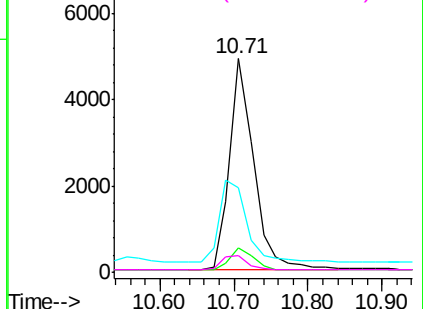
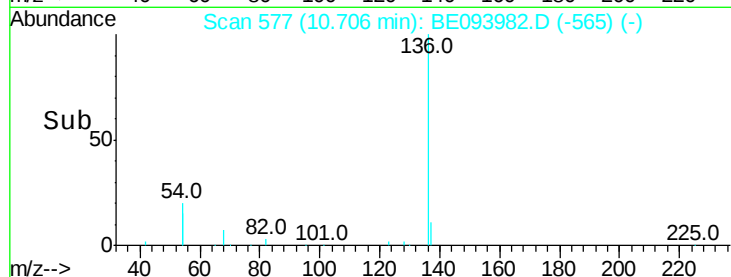


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.270 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

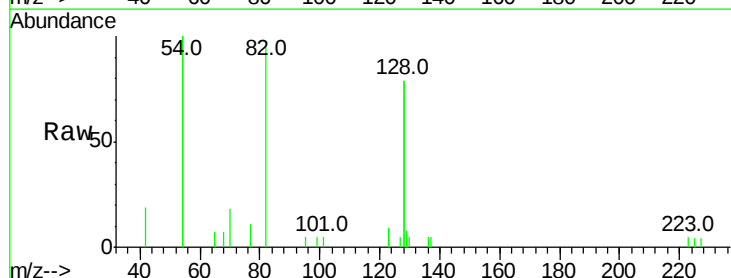
Tgt Ion: 82 Resp: 2572

Ion Ratio Lower Upper

82 100

128 166.8 91.4 137.0#

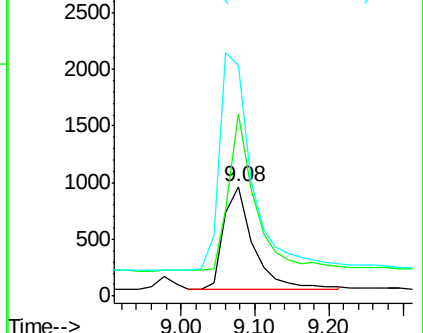
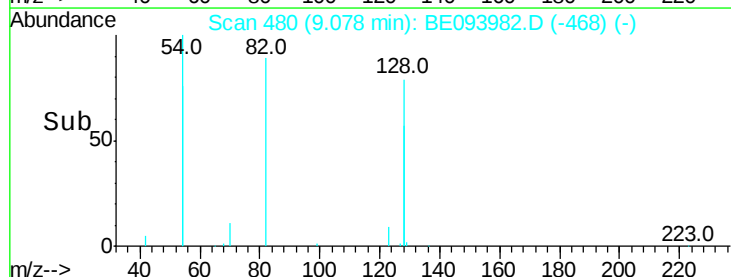
54 211.4 197.8 296.8

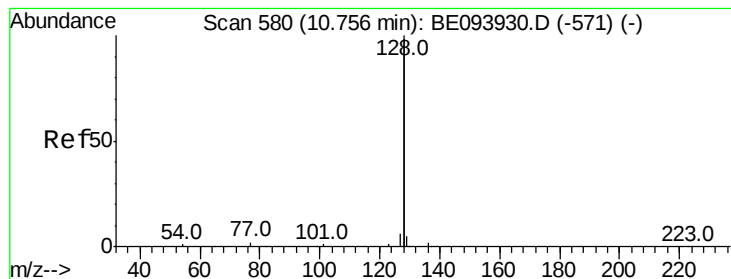


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.252 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

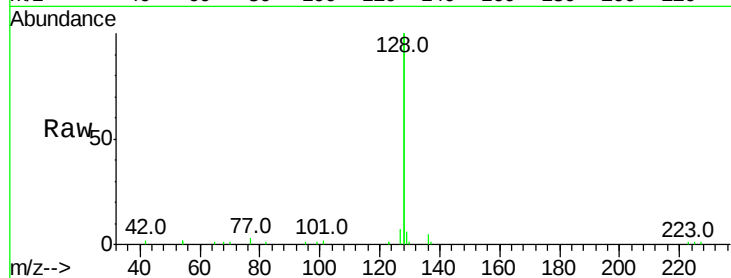
Tot Ion:128 Resp: 32431

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

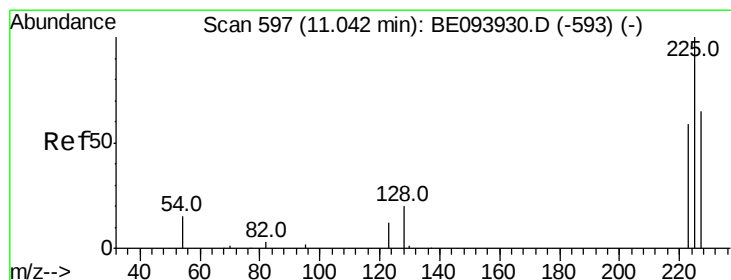
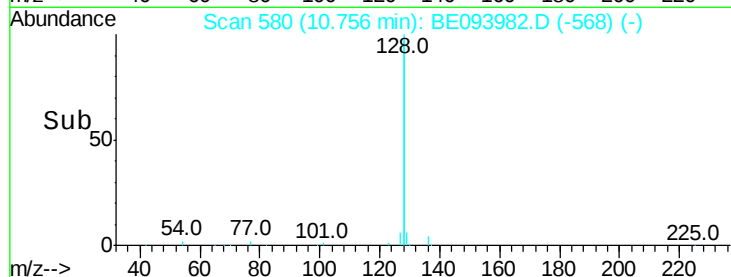
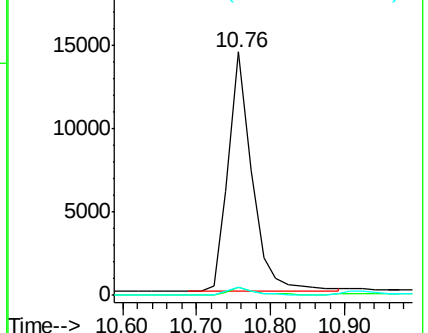
127 3.4 2.6 4.0



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: 0.253 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.02 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

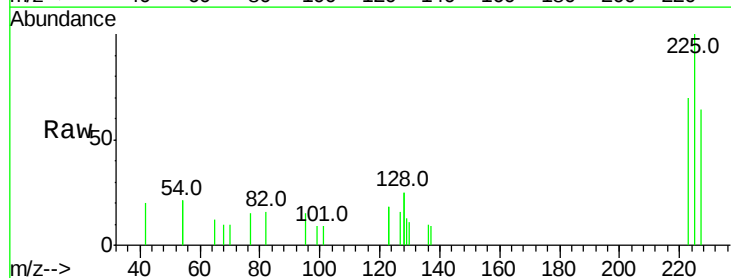
Tgt Ion:225 Resp: 1185

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.0

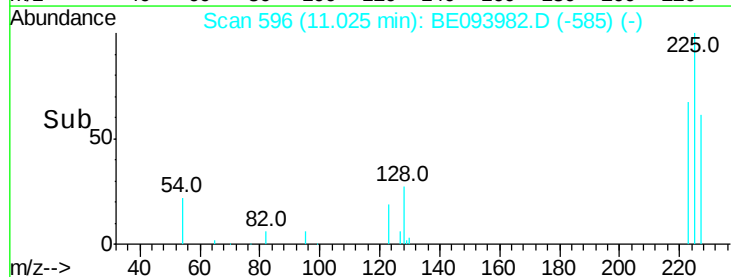
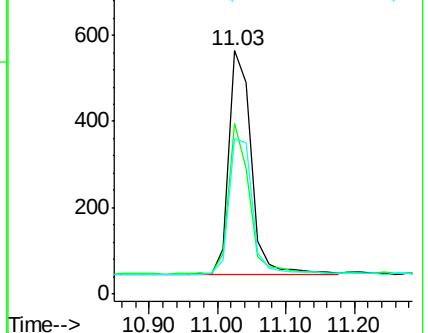
227 63.6 50.5 75.7

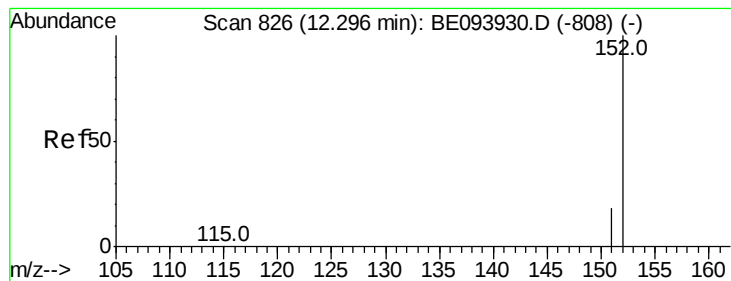


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

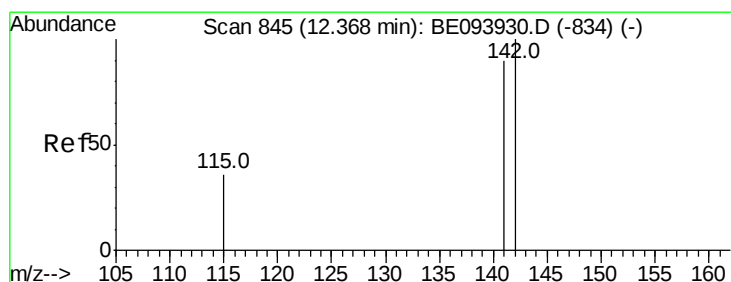
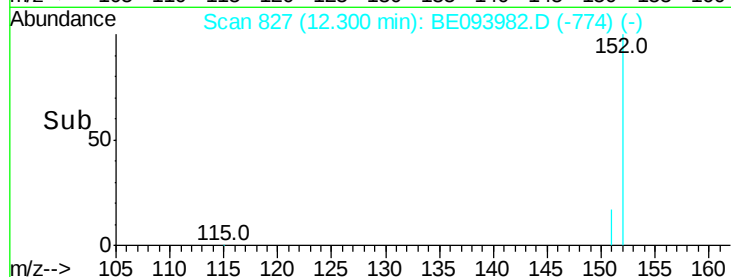
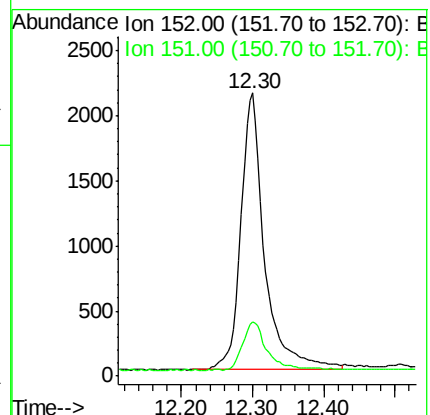
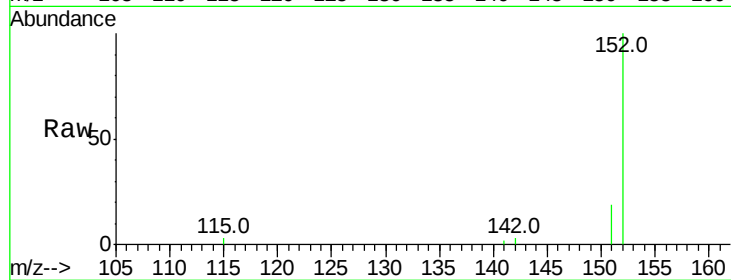
PB102153BS

Tot Ion:152 Resp: 4953

Ion Ratio Lower Upper

152 100

151 17.9 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.256 ng

RT: 12.37 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

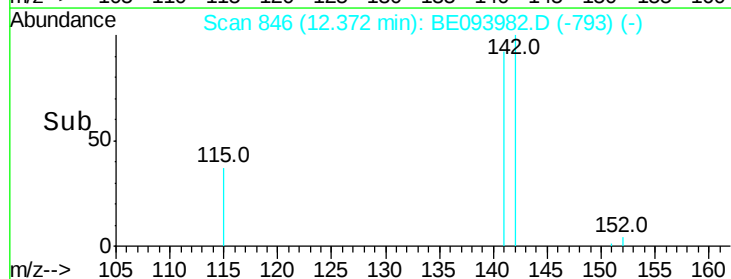
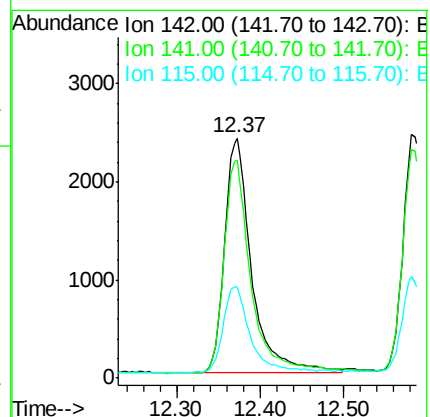
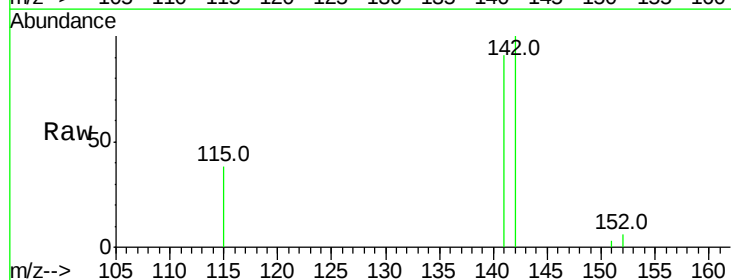
Tgt Ion:142 Resp: 5477

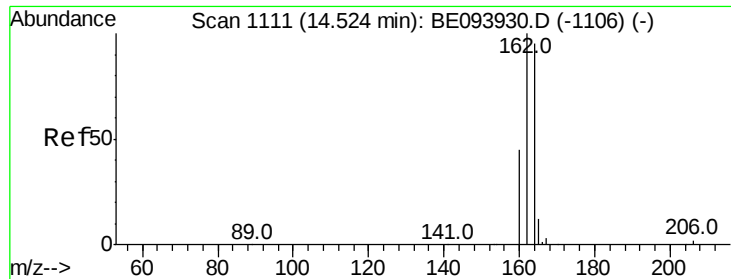
Ion Ratio Lower Upper

142 100

141 90.8 71.4 107.2

115 37.8 29.4 44.0

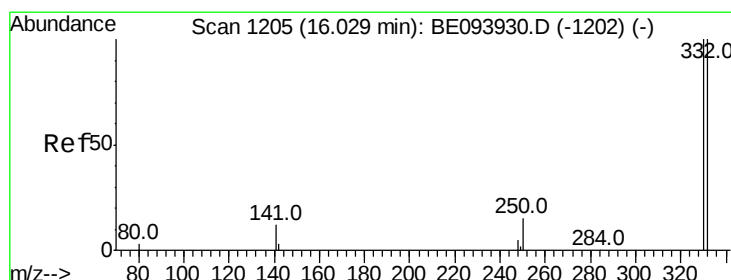
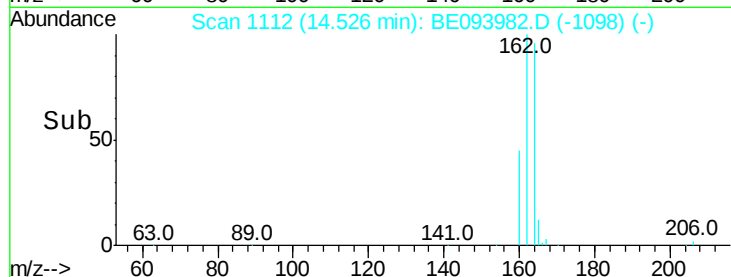
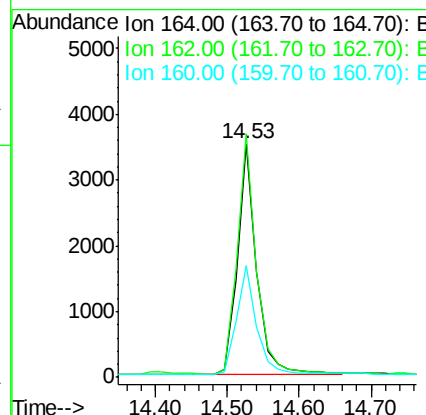
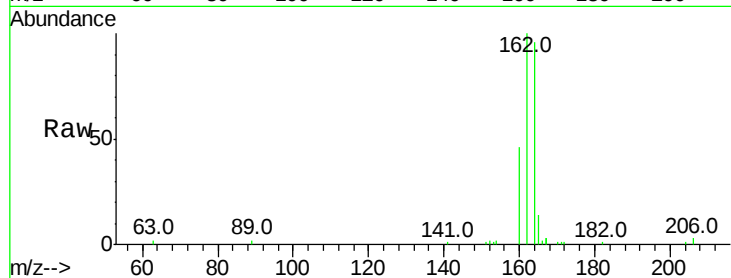




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093982.D
 Acq: 13 Sep 2017 10:36

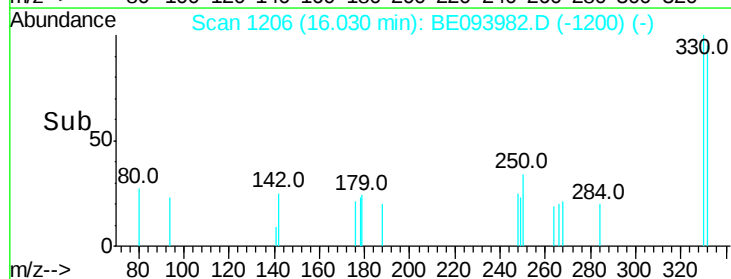
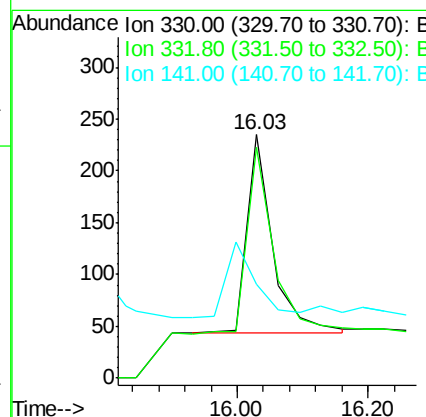
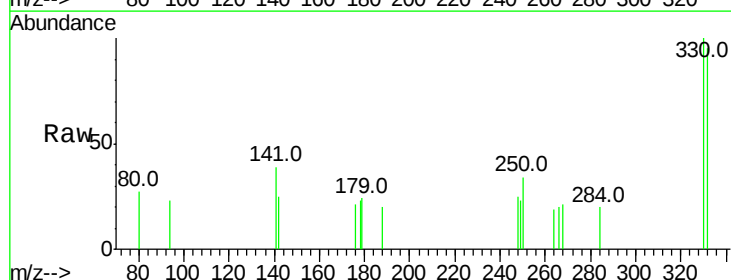
Instrument :
 BNA_E
 ClientSampleId :
 PB102153BS

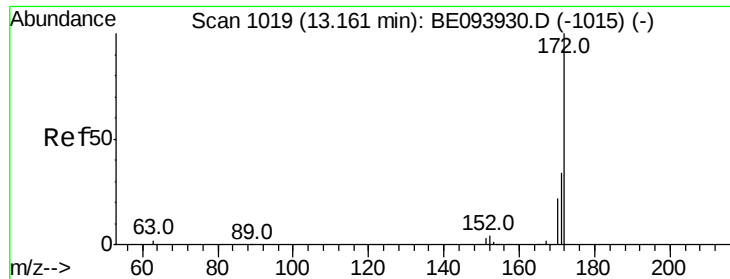
Tot Ion:164 Resp: 6466
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.8 121.2
 160 48.0 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.259 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093982.D
 Acq: 13 Sep 2017 10:36

Tgt Ion:330 Resp: 518
 Ion Ratio Lower Upper
 330 100
 332 101.2 76.9 115.3
 141 0.0 0.0 0.0

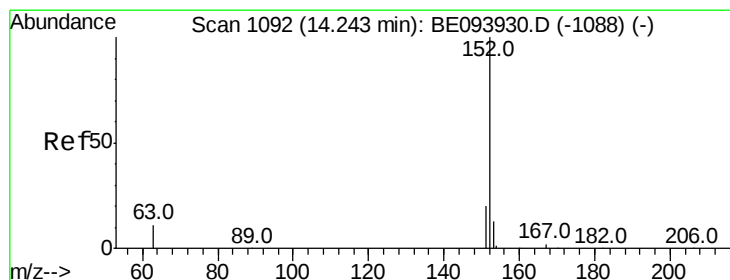
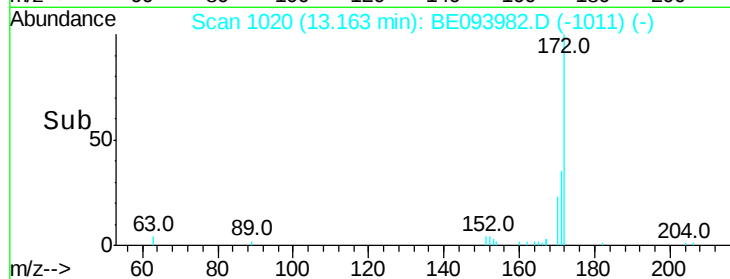
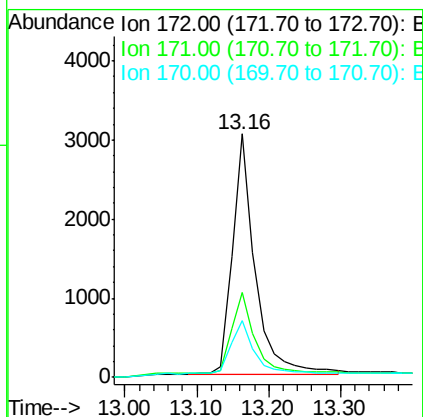
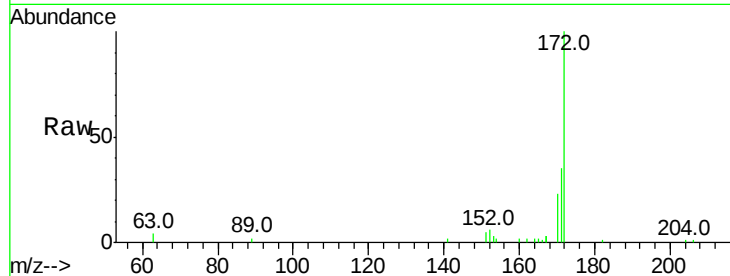




#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093982.D
Acq: 13 Sep 2017 10:36

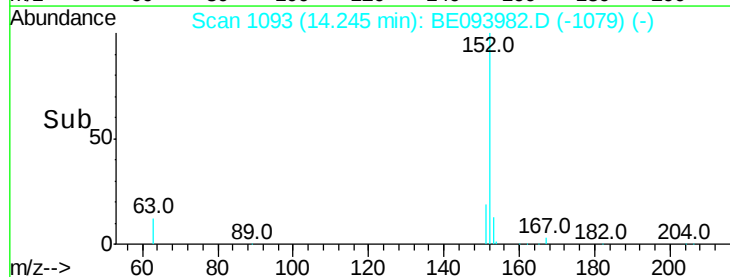
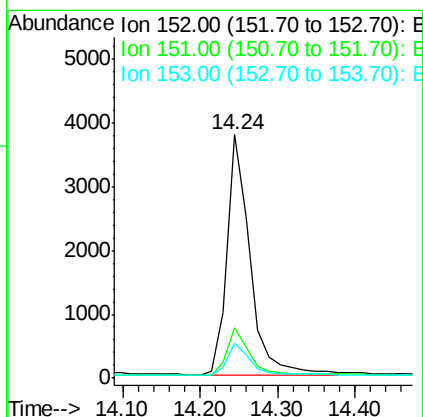
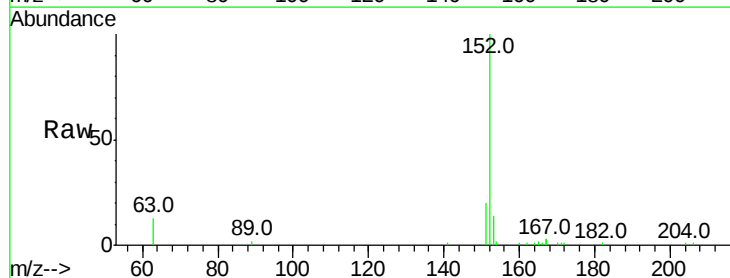
Instrument :
BNA_E
ClientSampleId :
PB102153BS

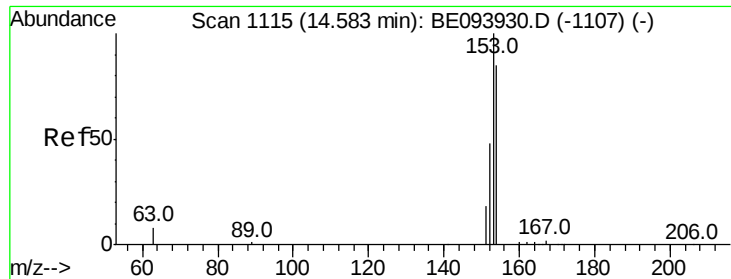
Tot Ion:172 Resp: 6578
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 23.5 17.3 25.9



#16
Acenaphthylene
Concen: 0.240 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093982.D
Acq: 13 Sep 2017 10:36

Tgt Ion:152 Resp: 7756
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.247 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

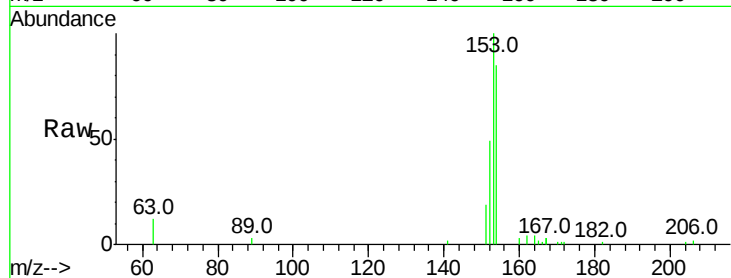
Tot Ion:154 Resp: 5394

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.6

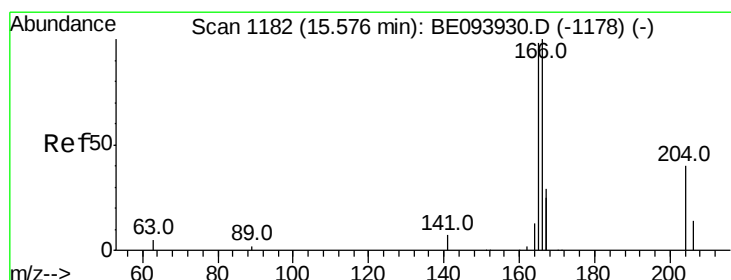
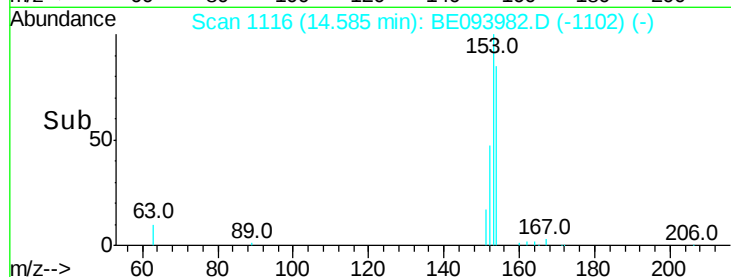
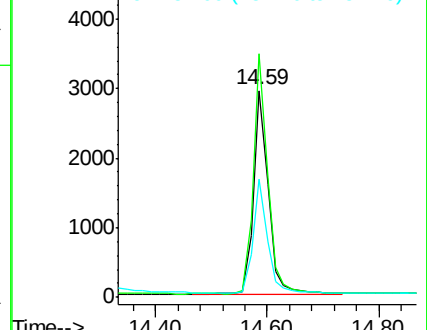
152 53.8 44.9 67.3



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: 0.257 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

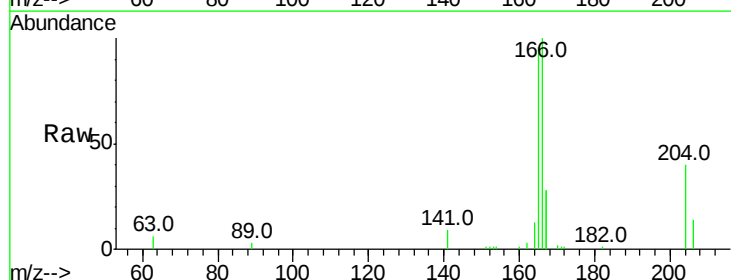
Tgt Ion:166 Resp: 7231

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.0

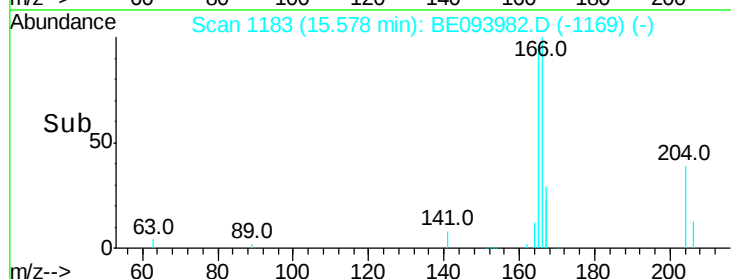
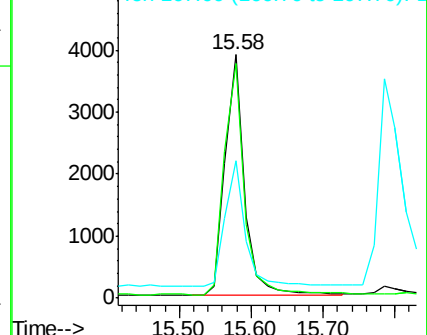
167 52.6 43.5 65.3

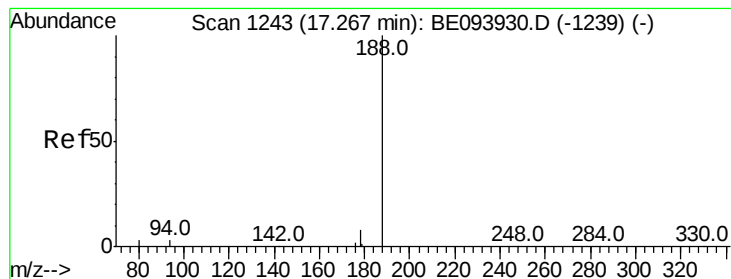


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

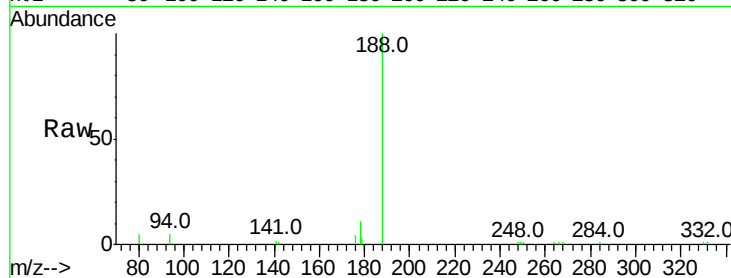
Tot Ion:188 Resp: 13246

Ion Ratio Lower Upper

188 100

94 5.4 16.1 24.1#

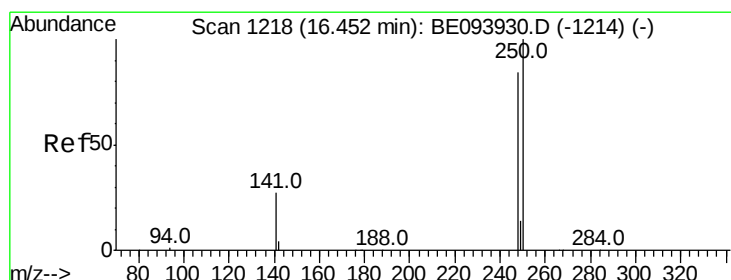
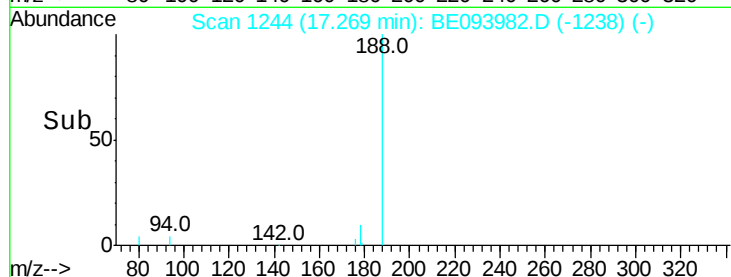
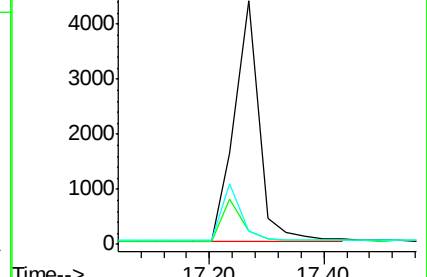
80 5.5 18.2 27.2#



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: 0.247 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

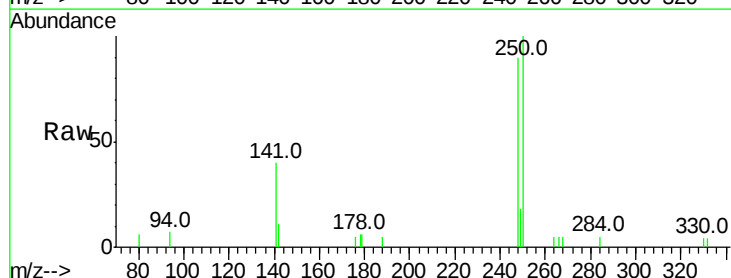
Tgt Ion:248 Resp: 2142

Ion Ratio Lower Upper

248 100

250 111.4 111.8 167.8#

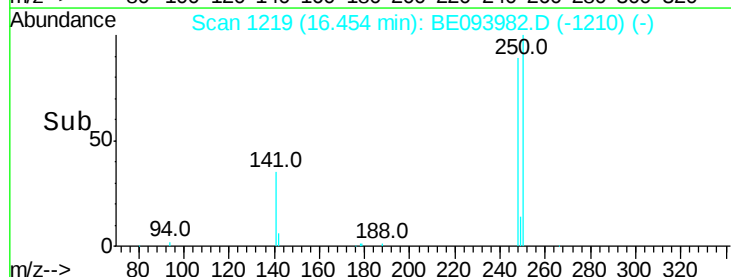
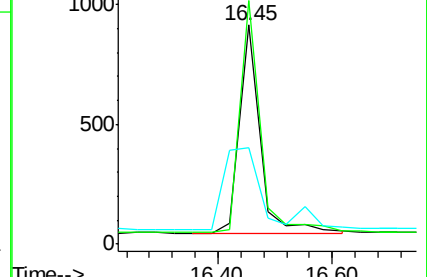
141 44.1 27.1 40.7#

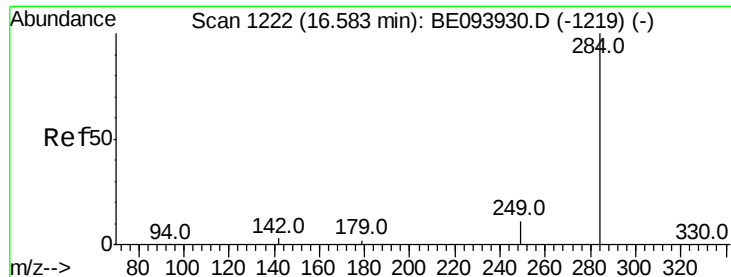


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.224 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

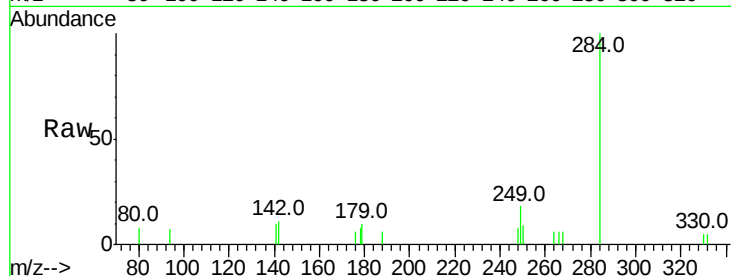
Tot Ion:284 Resp: 1748

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

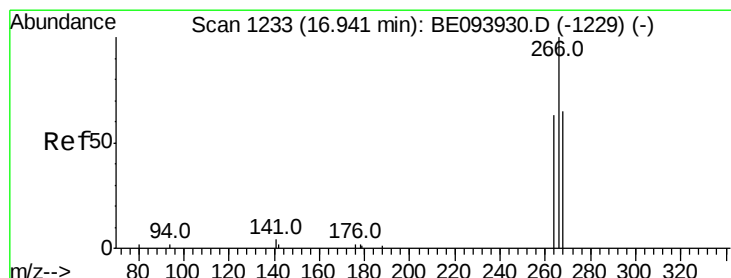
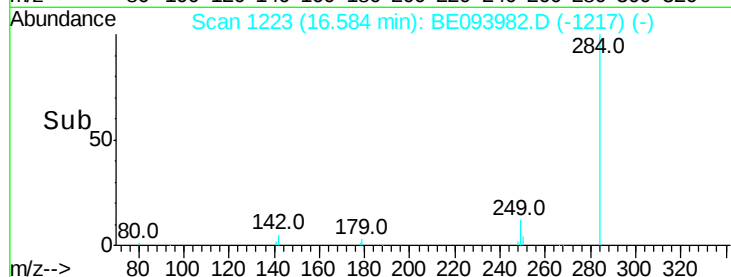
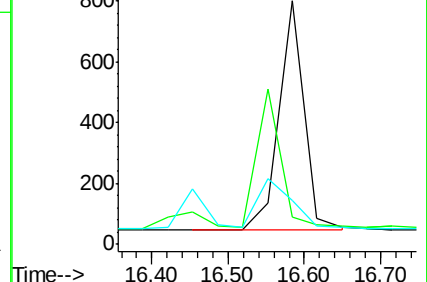
249 0.0 0.0 0.0



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: 0.423 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

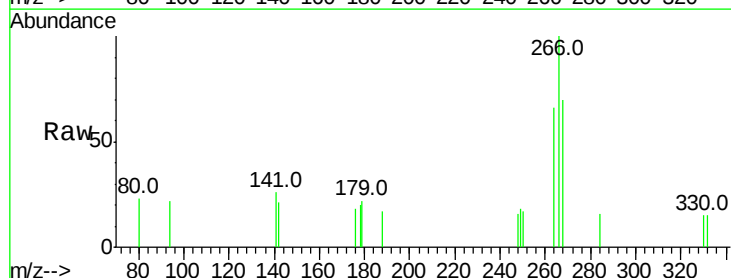
Tgt Ion:266 Resp: 888

Ion Ratio Lower Upper

266 100

264 65.9 53.5 80.3

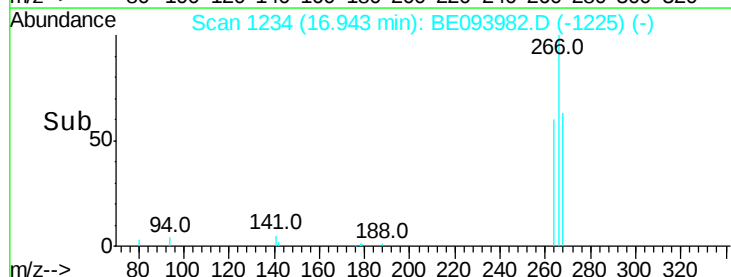
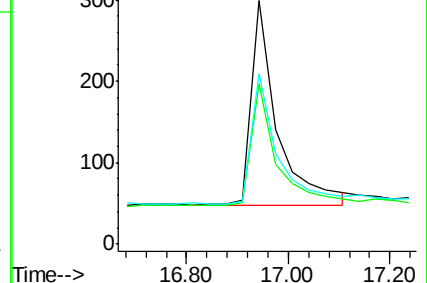
268 69.9 60.0 90.0

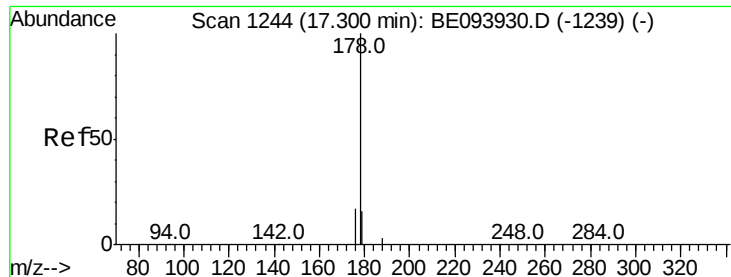


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.263 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

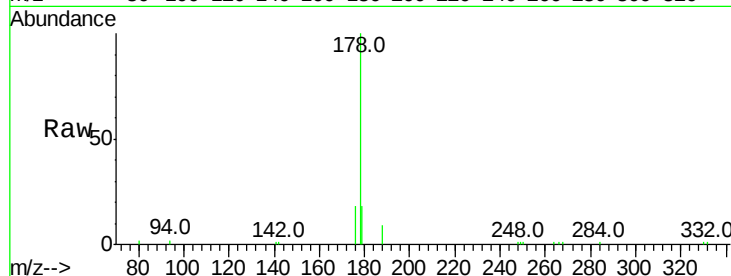
Tot Ion:178 Resp: 13673

Ion Ratio Lower Upper

178 100

176 18.9 0.0 0.0#

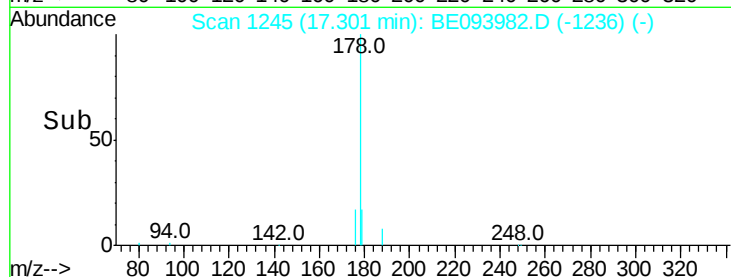
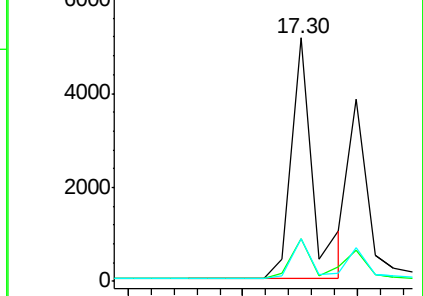
179 15.6 12.6 18.8



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: BE093982.D

Acq: 13 Sep 2017 10:36

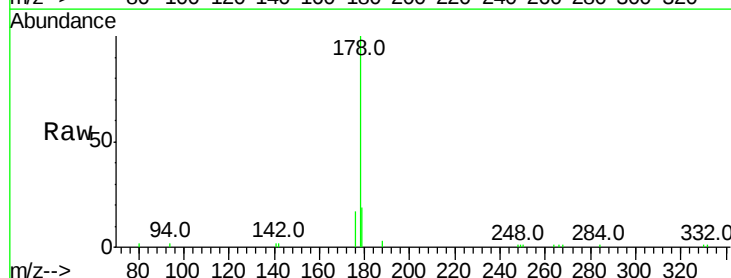
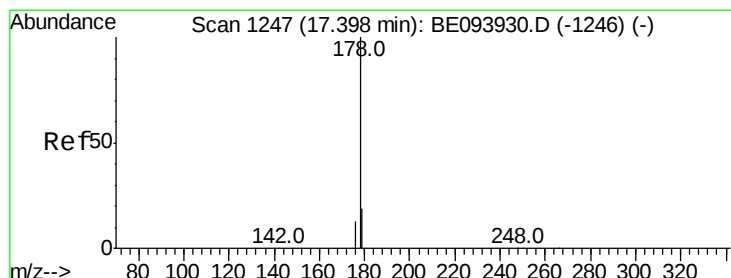
Tgt Ion:178 Resp: 8861

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

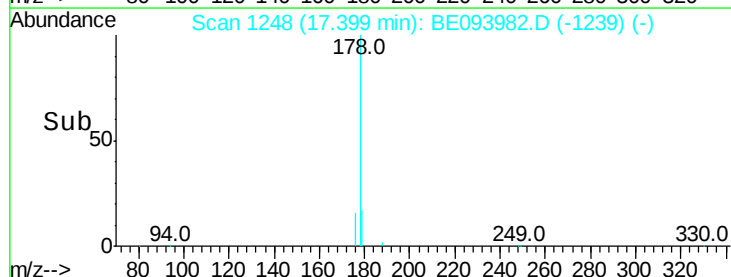
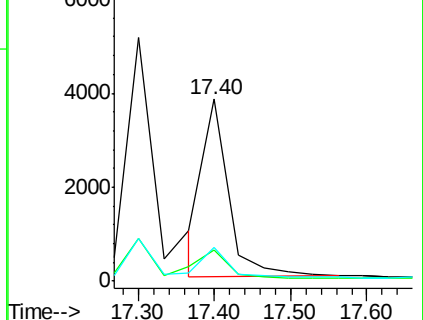
179 17.4 0.0 0.0#

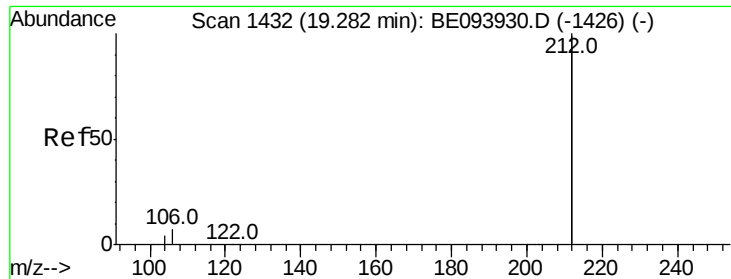


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

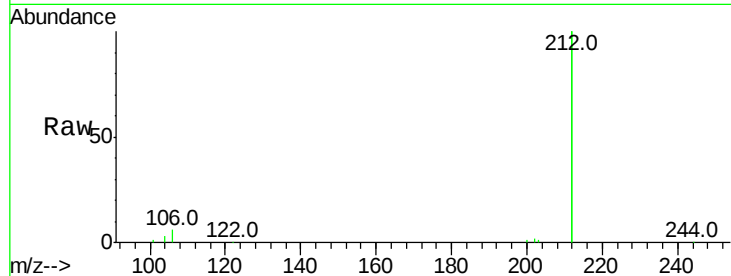
Tot Ion:212 Resp: 52145

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

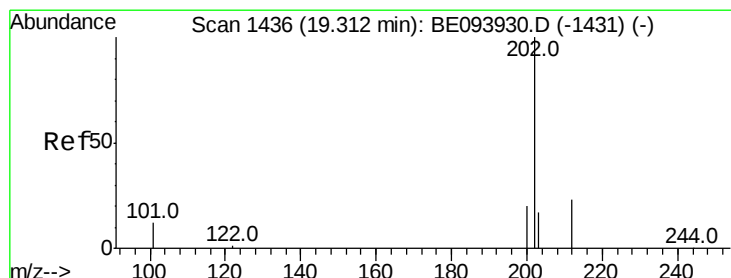
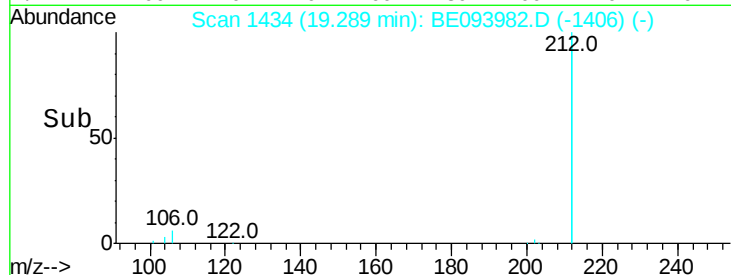
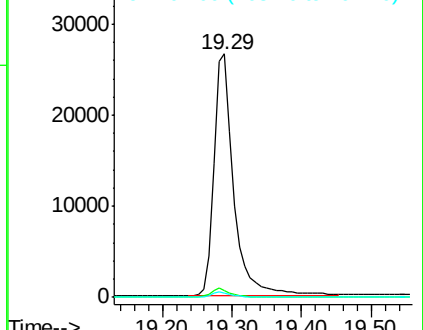
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.249 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

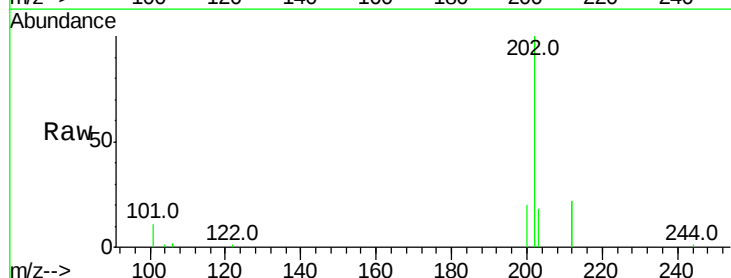
Tgt Ion:202 Resp: 14721

Ion Ratio Lower Upper

202 100

101 11.5 9.7 14.5

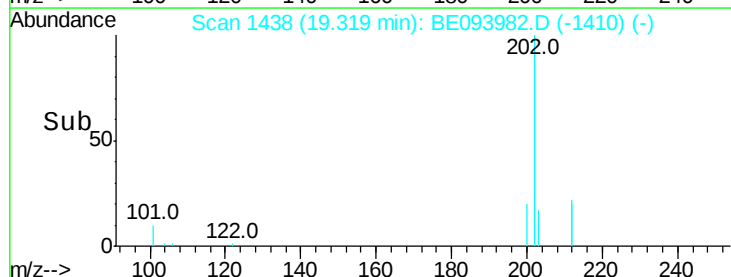
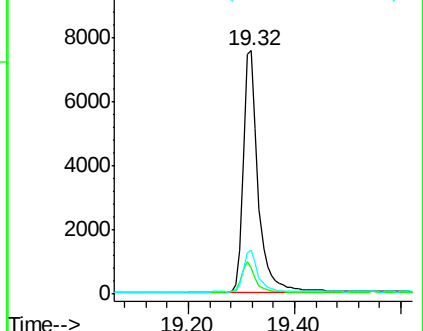
203 16.5 13.7 20.5

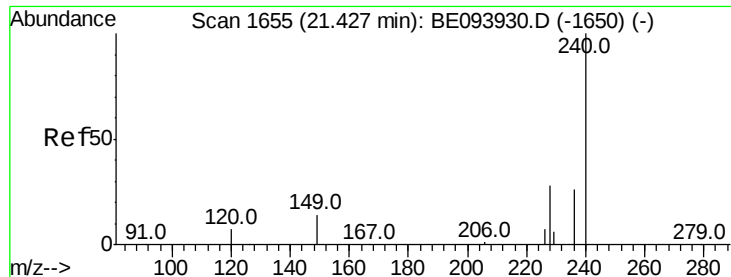


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

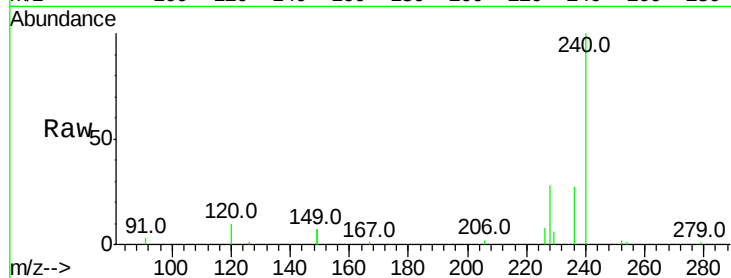
Tot Ion:240 Resp: 18065

Ion Ratio Lower Upper

240 100

120 10.1 8.7 13.1

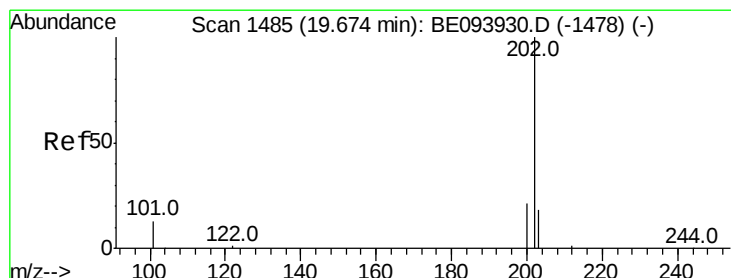
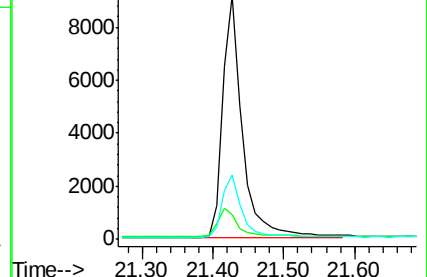
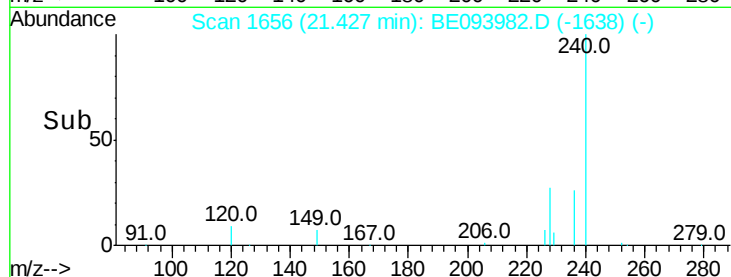
236 26.6 21.3 31.9



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: 0.241 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

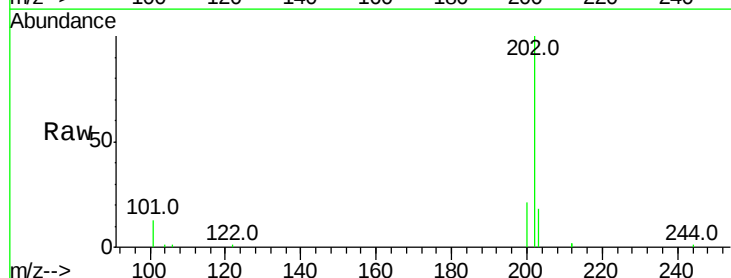
Tgt Ion:202 Resp: 14976

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

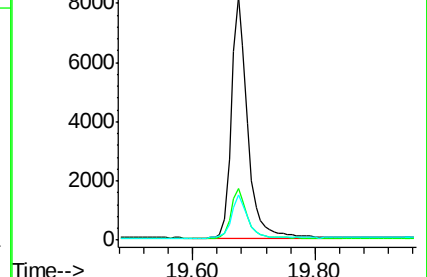
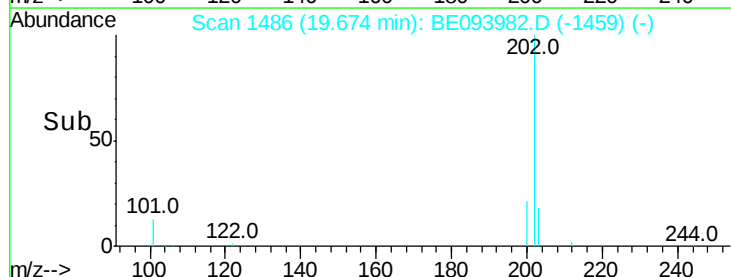
203 18.2 14.2 21.4

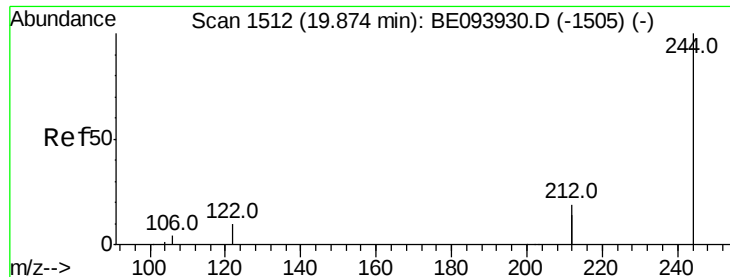


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.292 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

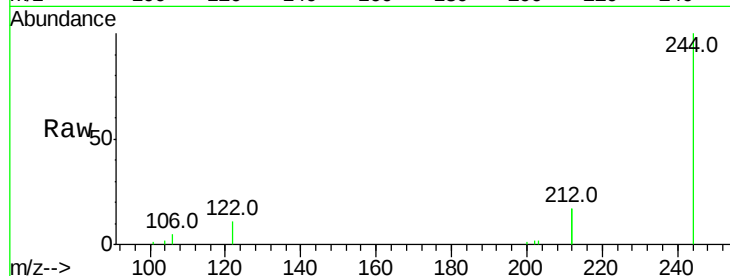
Tot Ion:244 Resp: 9715

Ion Ratio Lower Upper

244 100

212 34.3 28.3 42.5

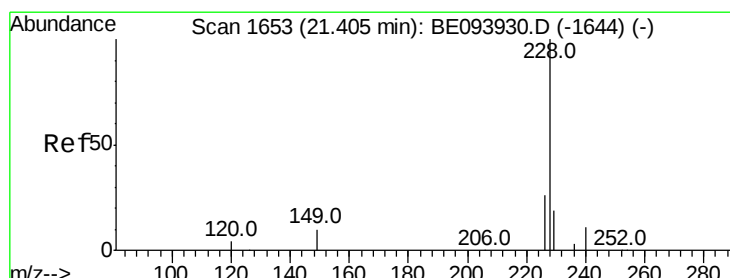
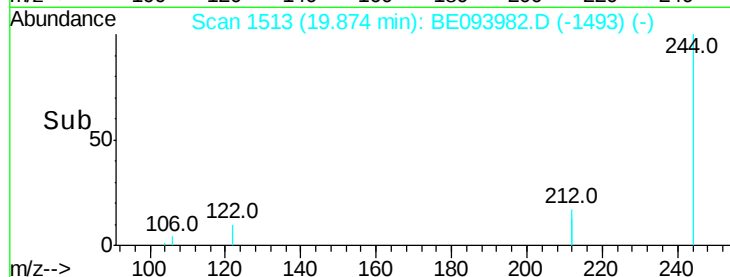
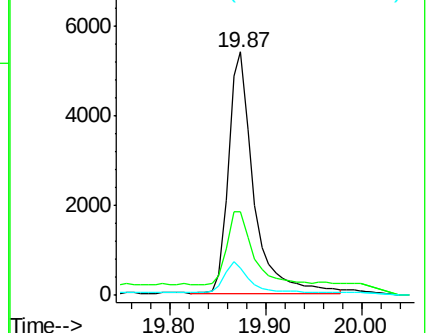
122 11.2 9.4 14.0



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: 0.236 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

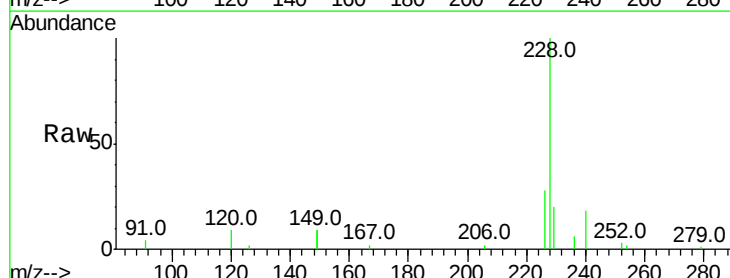
Tgt Ion:228 Resp: 13115

Ion Ratio Lower Upper

228 100

226 28.1 20.8 31.2

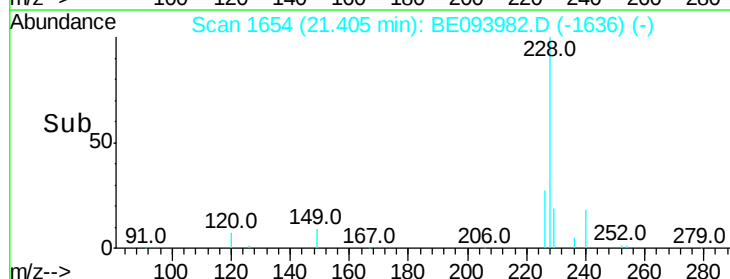
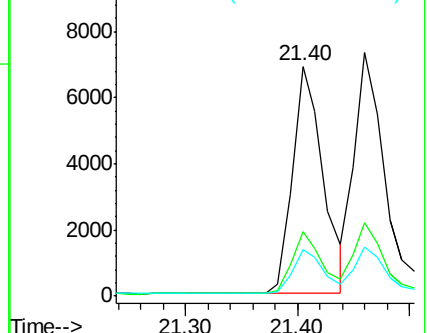
229 20.2 16.6 25.0

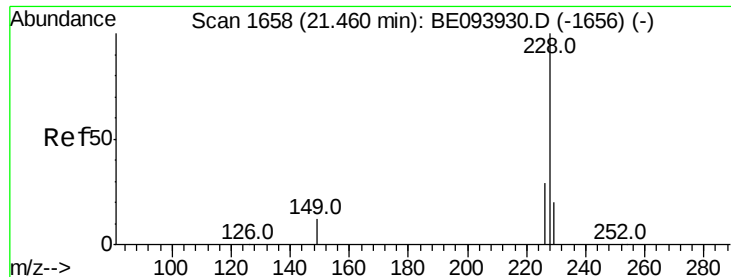


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.244 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

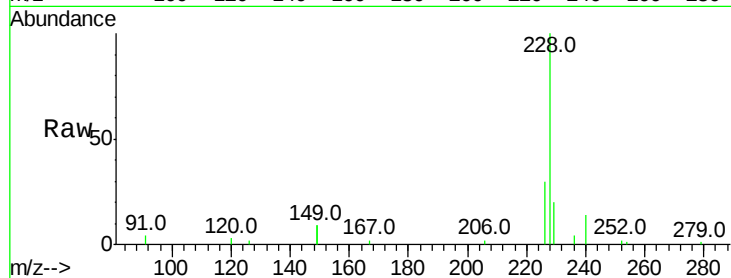
Tot Ion:228 Resp: 14304

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

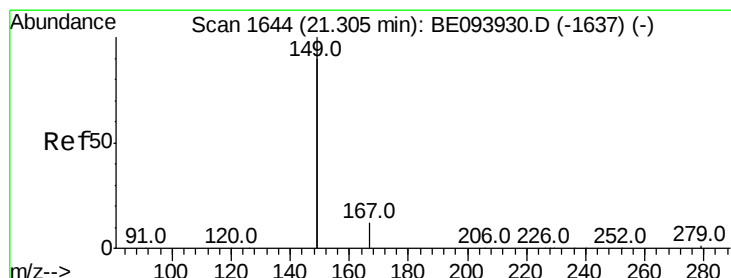
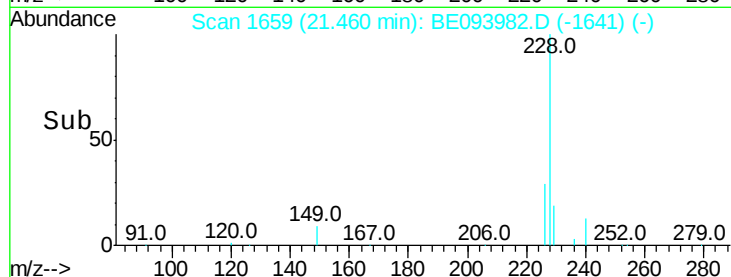
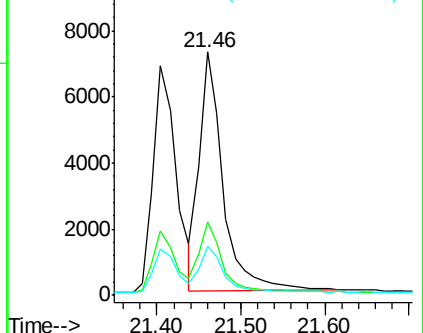
229 20.0 15.8 23.8



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: 0.209 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

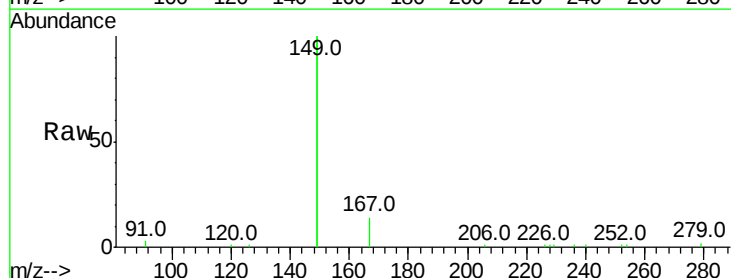
Tgt Ion:149 Resp: 28140

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

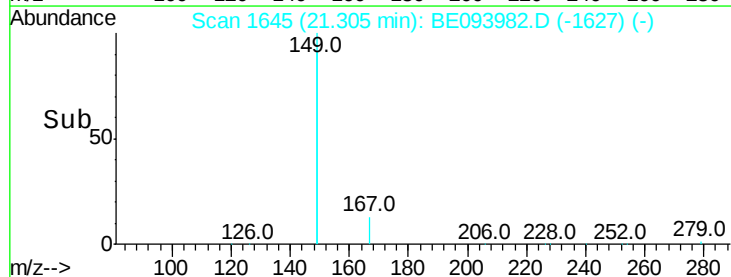
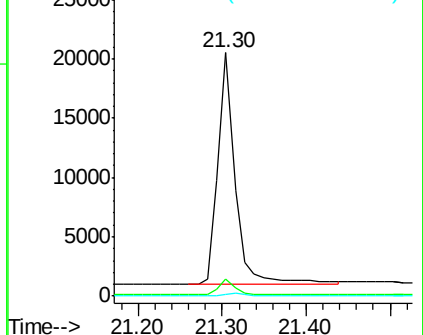
279 0.8 0.7 1.1

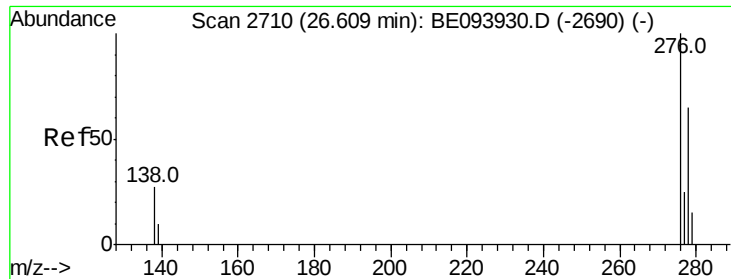


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.199 ng

RT: 26.62 min Scan# 2714

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

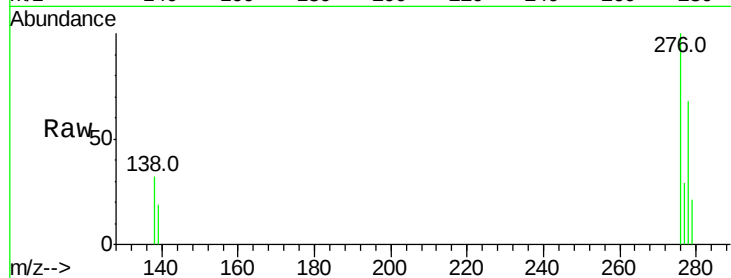
Tot Ion:276 Resp: 7806

Ion Ratio Lower Upper

276 100

138 26.7 22.2 33.2

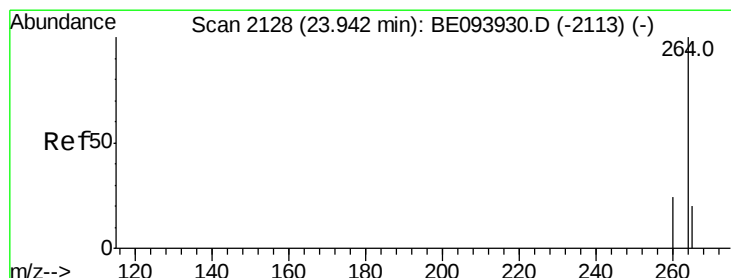
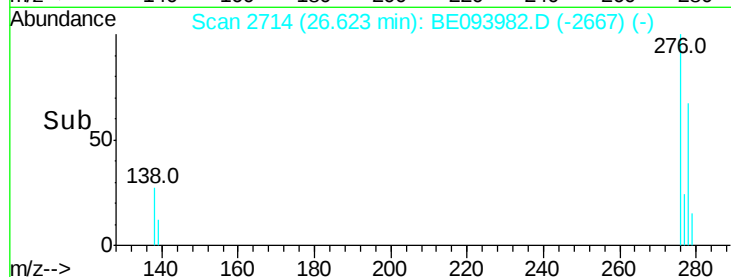
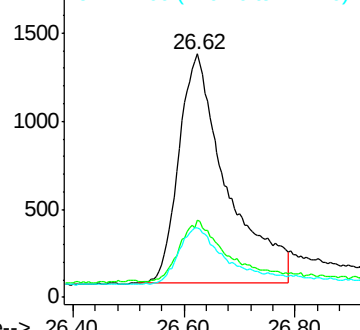
277 23.6 19.5 29.3



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# 2129

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

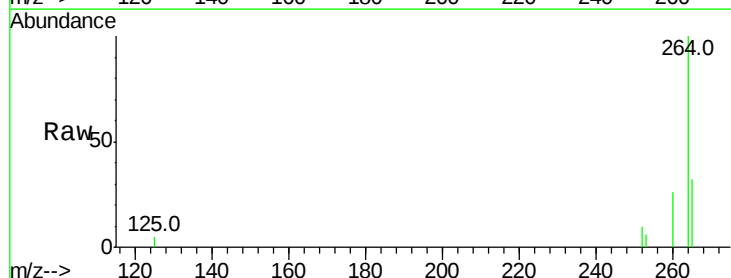
Tgt Ion:264 Resp: 13543

Ion Ratio Lower Upper

264 100

260 25.9 20.0 30.0

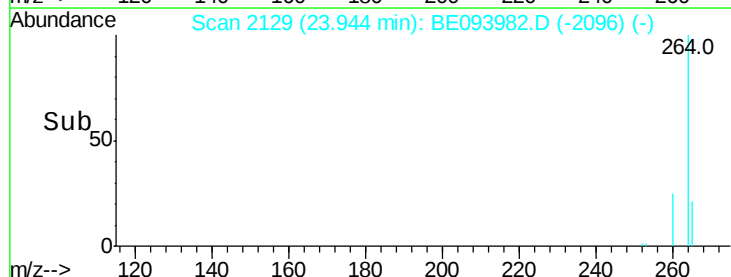
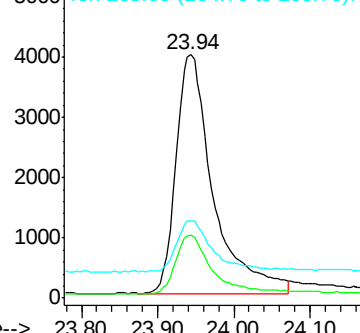
265 31.6 24.0 36.0

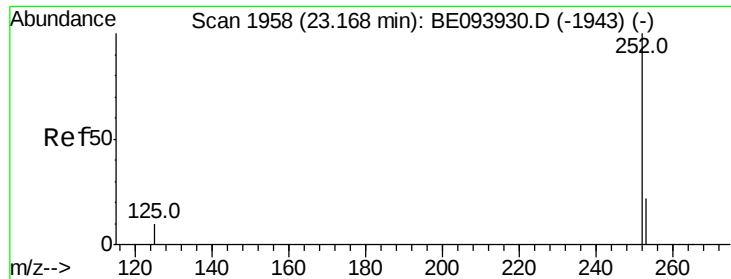


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.231 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

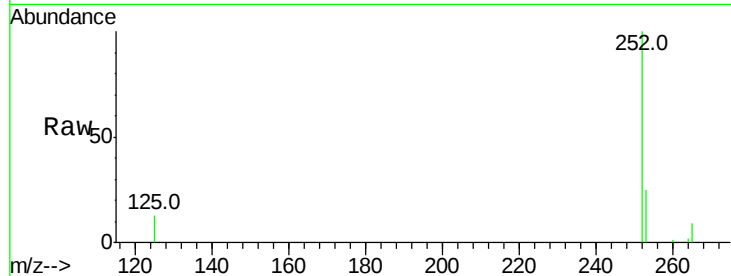
Tot Ion:252 Resp: 9967

Ion Ratio Lower Upper

252 100

253 25.2 19.4 29.0

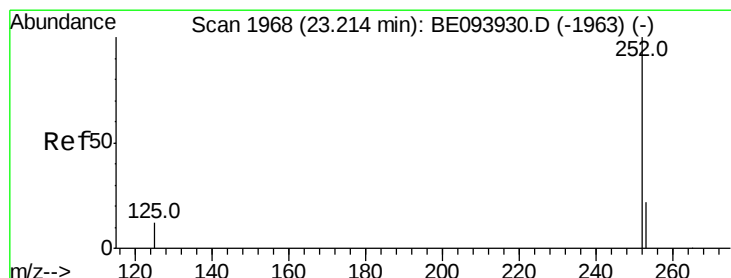
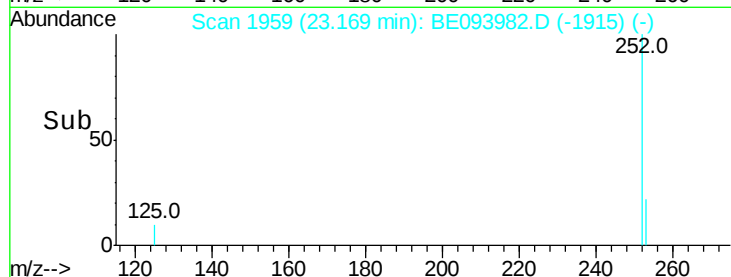
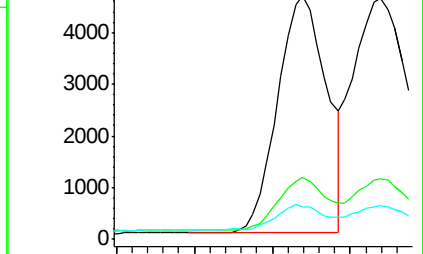
125 13.4 10.0 15.0



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: 0.267 ng

RT: 23.22 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

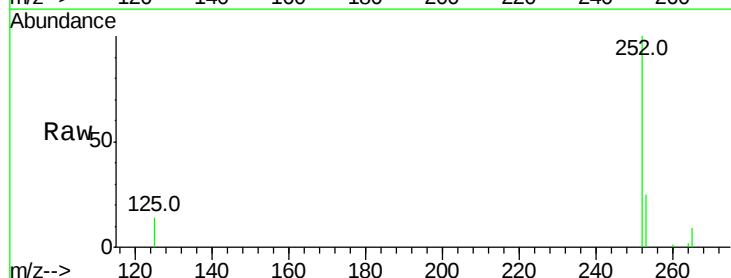
Tgt Ion:252 Resp: 14093

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

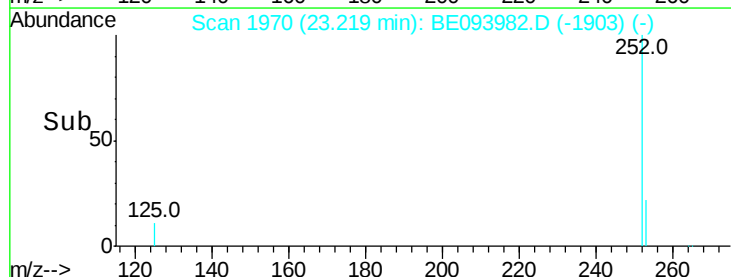
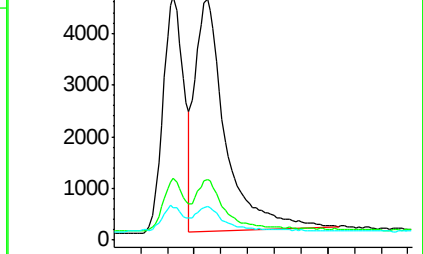
125 13.9 9.8 14.6

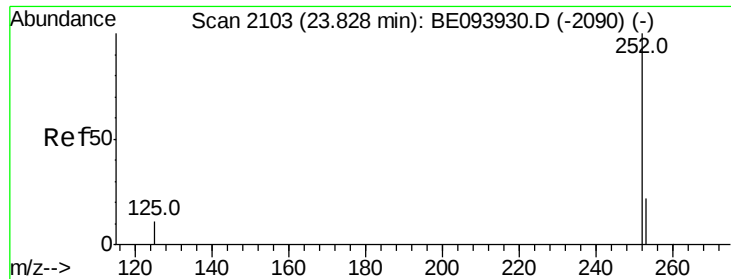


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.250 ng

RT: 23.83 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS

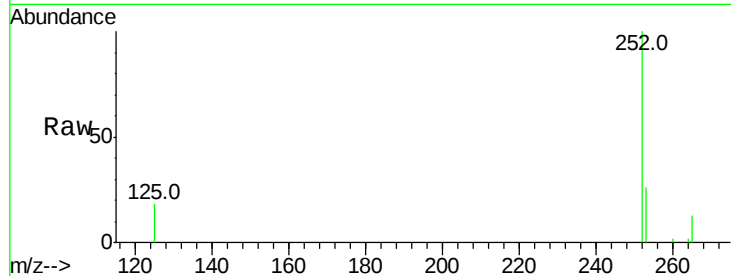
Tot Ion:252 Resp: 10966

Ion Ratio Lower Upper

252 100

253 26.4 19.6 29.4

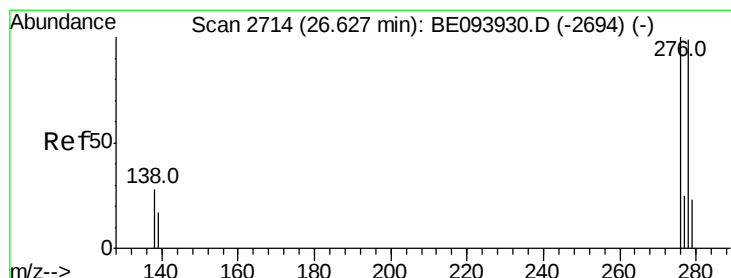
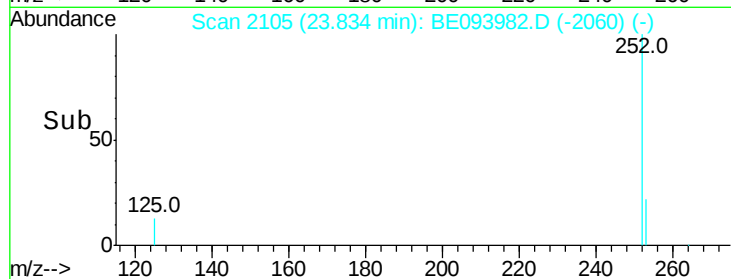
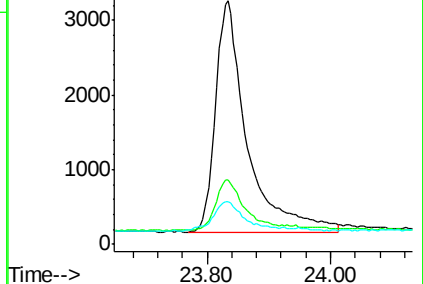
125 17.8 11.8 17.8#



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: 0.212 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE093982.D

Acq: 13 Sep 2017 10:36

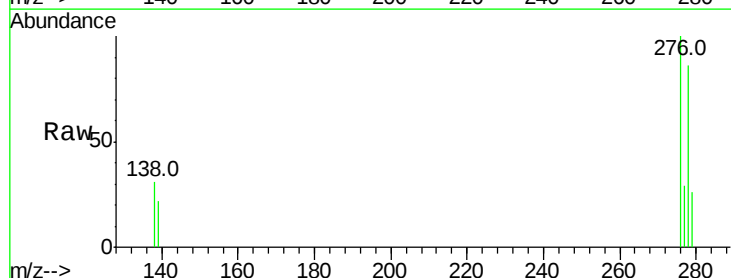
Tgt Ion:278 Resp: 6165

Ion Ratio Lower Upper

278 100

139 26.0 16.7 25.1#

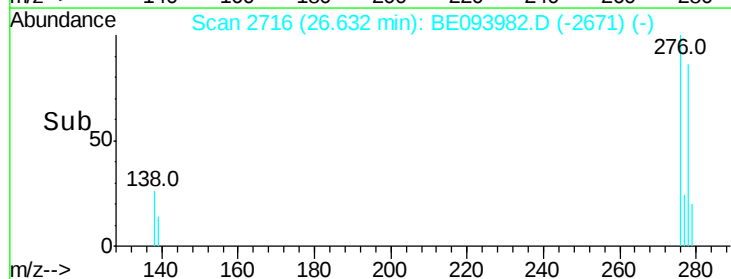
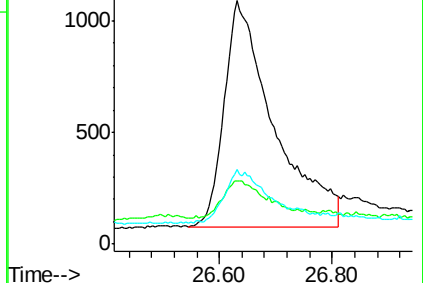
279 30.6 21.6 32.4

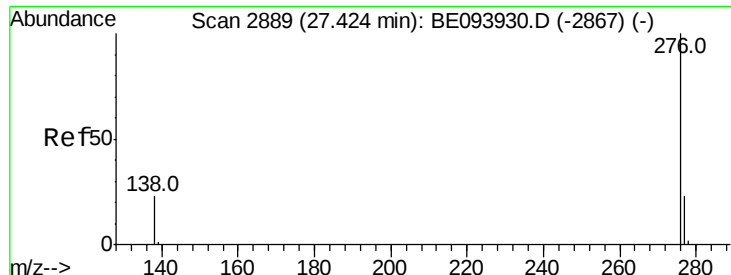


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.232 ng

RT: 27.43 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BE093982.D

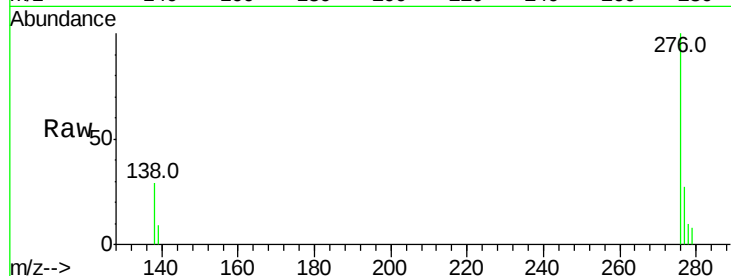
Acq: 13 Sep 2017 10:36

Instrument :

BNA_E

ClientSampleId :

PB102153BS



Tot Ion:276 Resp: 7113

Ion Ratio Lower Upper

276 100

277 27.4 20.6 30.8

138 29.1 21.9 32.9

