

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093943.D
 Acq On : 5 Sep 2017 18:59
 Operator : SJ/JU
 Sample : I5057-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MSD

Quant Time: Sep 06 05:27:42 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	2117	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10184	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6055	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11298	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	16752	0.40	ng	-0.01
34) Perylene-d12	23.94	264	14493	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.54	112	471	0.07	ng	0.01
5) Phenol-d6	7.12	99	531	0.05	ng	0.01
8) Nitrobenzene-d5	9.08	82	2570	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4815	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	270	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	7390	0.31	ng	0.00
25) Fluoranthene-d10	19.28	212	54152	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	12255	0.40	ng	0.00

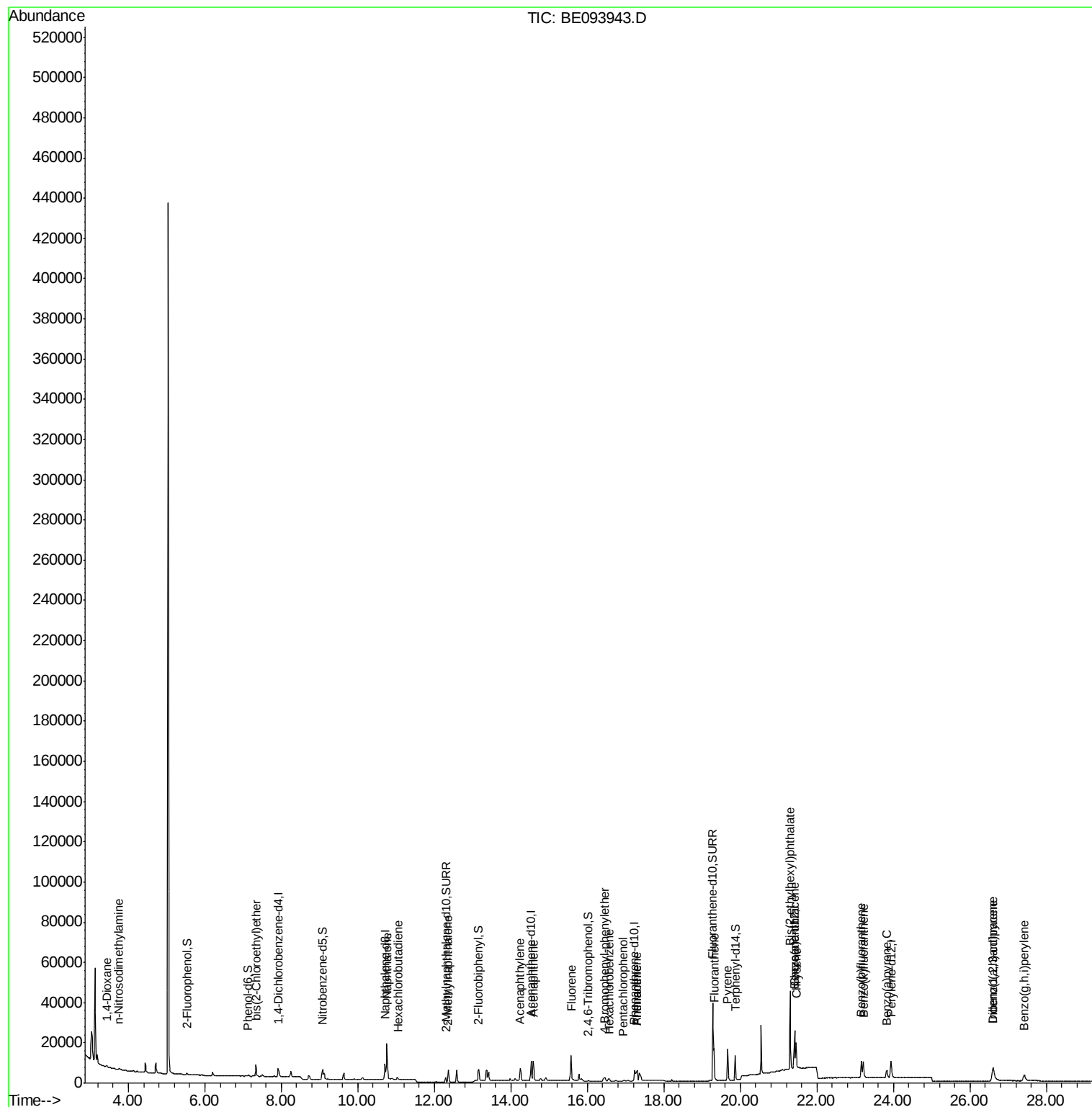
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	387	0.133	ng	# 1
3) n-Nitrosodimethylamine	3.75	42	448	0.131	ng	# 94
6) bis(2-Chloroethyl)ether	7.34	93	2149	0.256	ng	97
9) Naphthalene	10.76	128	32051	0.275	ng	100
10) Hexachlorobutadiene	11.04	225	1124	0.265	ng	100
12) 2-Methylnaphthalene	12.37	142	5443	0.281	ng	98
16) Acenaphthylene	14.24	152	8097	0.268	ng	99
17) Acenaphthene	14.58	154	5557	0.272	ng	98
18) Fluorene	15.58	166	7387	0.280	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1619	0.207	ng	97
21) Hexachlorobenzene	16.58	284	1772	0.266	ng	# 100
22) Pentachlorophenol	16.94	266	250	0.140	ng	# 83
23) Phenanthrene	17.30	178	9374	0.174	ng	# 59
24) Anthracene	17.30	178	9374	0.272	ng	# 96
26) Fluoranthene	19.31	202	15075	0.299	ng	98
28) Pyrene	19.67	202	15431	0.268	ng	99
30) Benzo(a)anthracene	21.41	228	13880	0.270	ng	97
31) Chrysene	21.46	228	14387	0.264	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	42538	0.340	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	11616	0.320	ng	99
35) Benzo(b)fluoranthene	23.16	252	12559	0.272	ng	# 91
36) Benzo(k)fluoranthene	23.21	252	13672	0.242	ng	# 88
37) Benzo(a)pyrene	23.83	252	7643	0.163	ng	# 78
38) Dibenzo(a,h)anthracene	26.61	278	9364	0.300	ng	# 86
39) Benzo(g,h,i)perylene	27.42	276	8682	0.264	ng	93

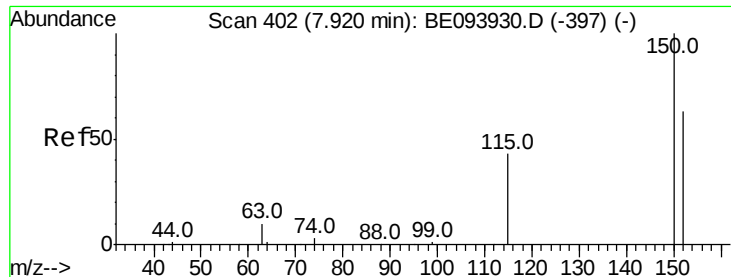
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

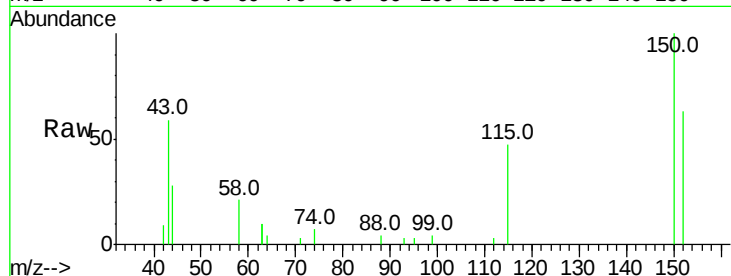
Tot Ion:152 Resp: 2117

Ion Ratio Lower Upper

152 100

150 159.3 121.8 182.6

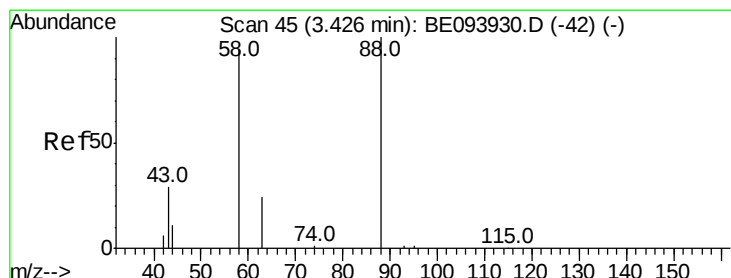
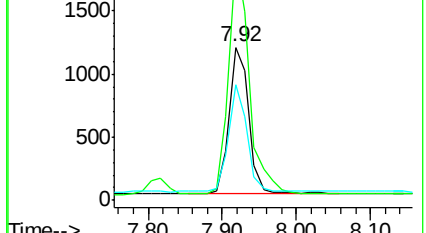
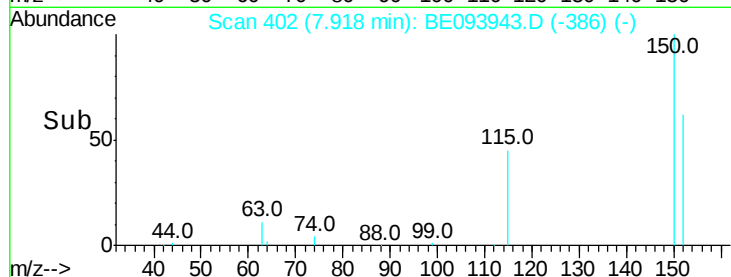
115 75.4 52.6 79.0



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: 0.133 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

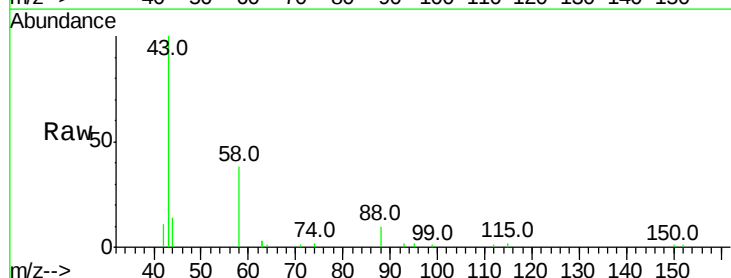
Tgt Ion: 88 Resp: 387

Ion Ratio Lower Upper

88 100

58 320.9 65.4 98.0#

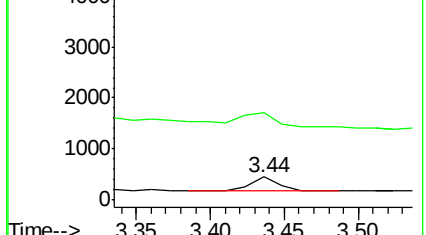
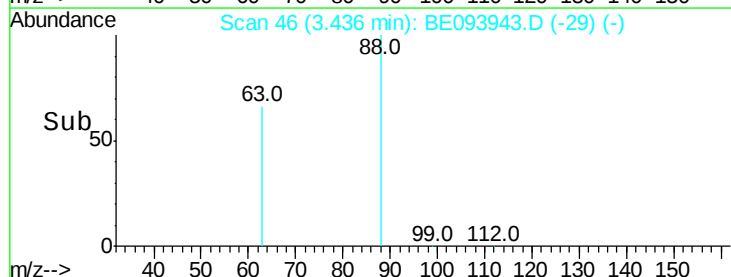
43 0.0 23.9 35.9#

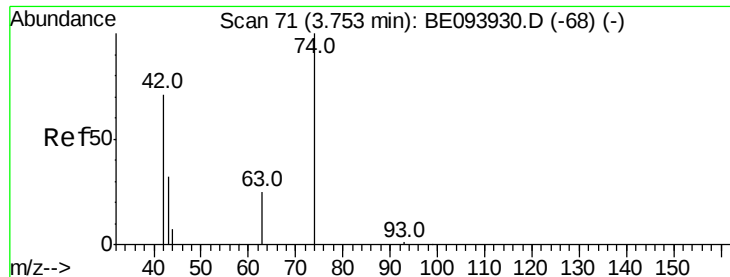


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.131 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

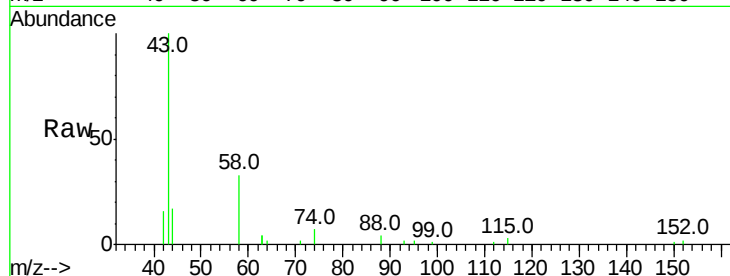
Tot Ion: 42 Resp: 448

Ion Ratio Lower Upper

42 100

74 131.5 104.0 156.0

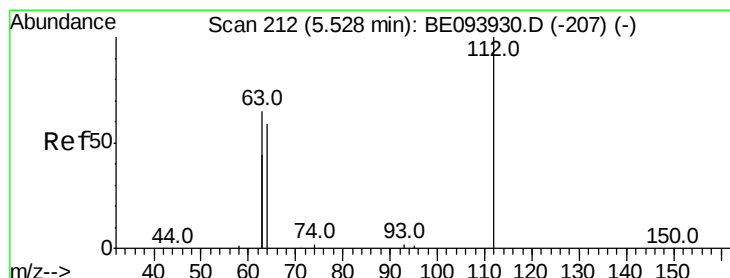
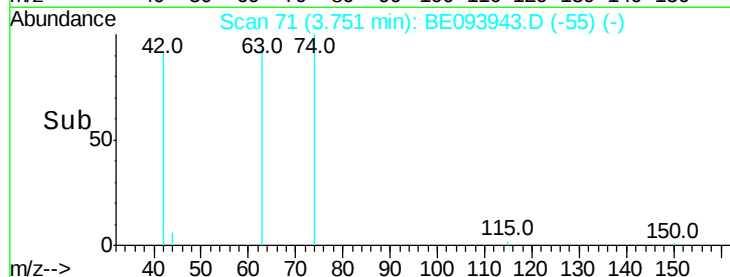
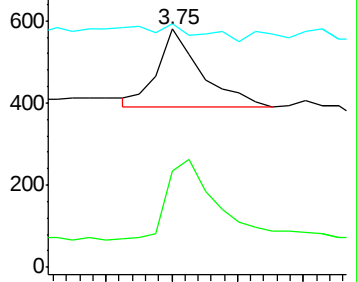
44 0.0 13.8 20.8#



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: 0.069 ng

RT: 5.54 min Scan# 213

Delta R.T. 0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

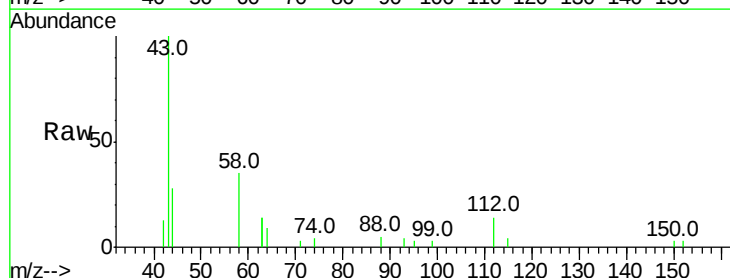
Tgt Ion: 112 Resp: 471

Ion Ratio Lower Upper

112 100

64 74.1 57.7 86.5

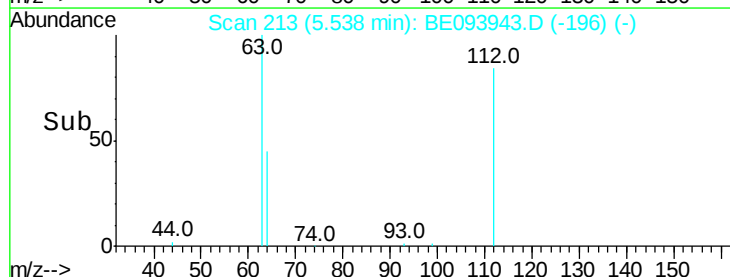
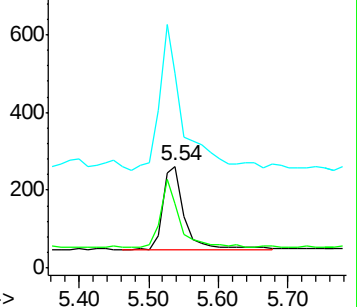
63 182.0 116.0 174.0#

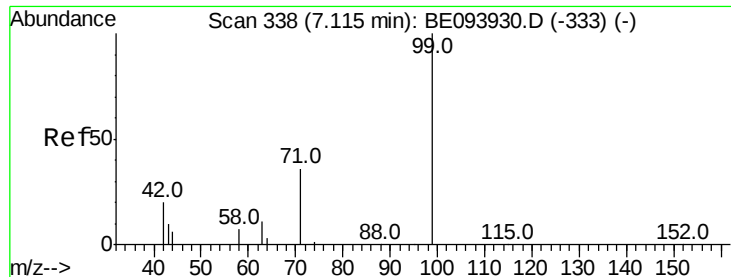


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.052 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

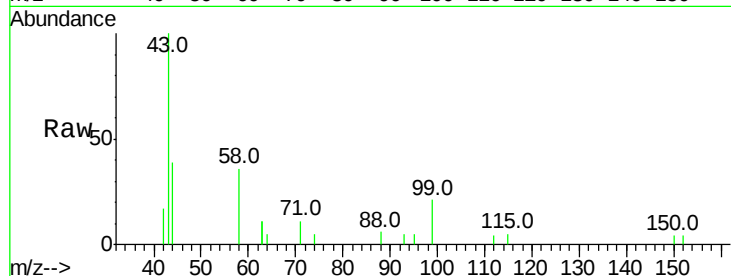
Tot Ion: 99 Resp: 531

Ion Ratio Lower Upper

99 100

42 24.7 17.1 25.7

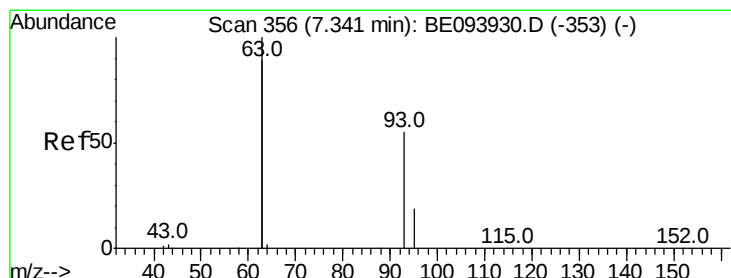
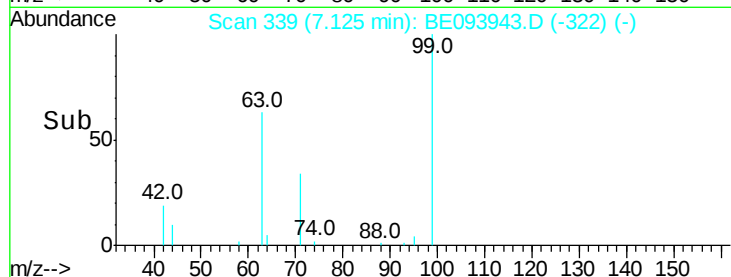
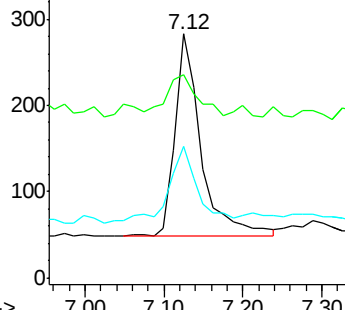
71 41.6 26.6 39.8#



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: BE093943.D

Acq: 5 Sep 2017 18:59

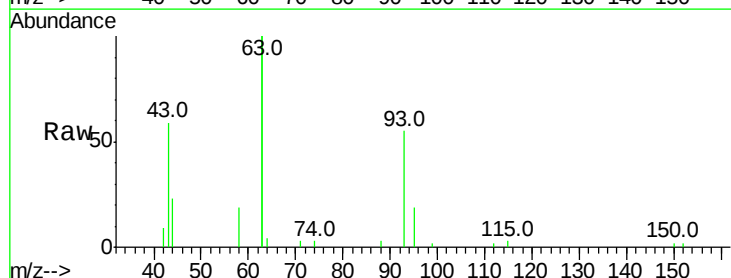
Tgt Ion: 93 Resp: 2149

Ion Ratio Lower Upper

93 100

63 347.1 283.4 425.2

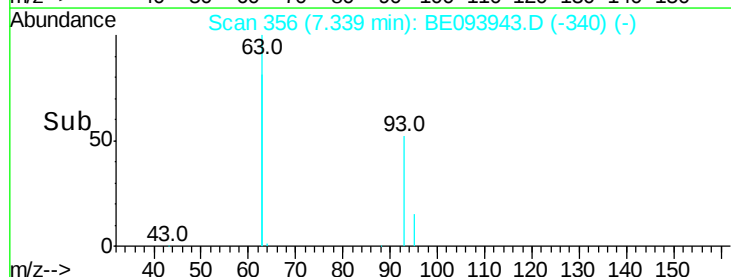
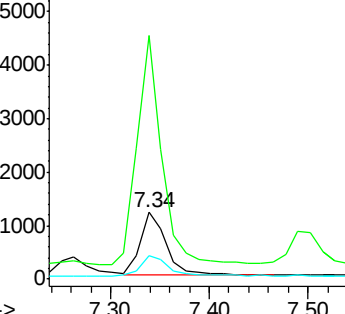
95 32.7 26.9 40.3

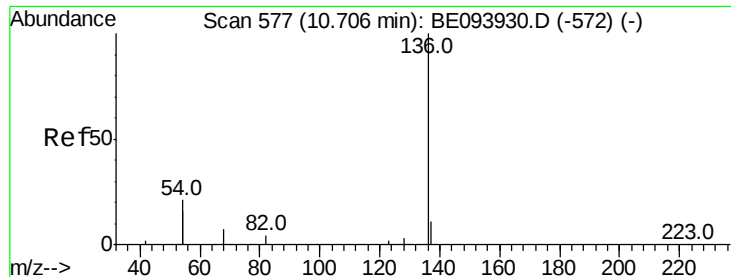


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

Tot Ion:136 Resp: 10184

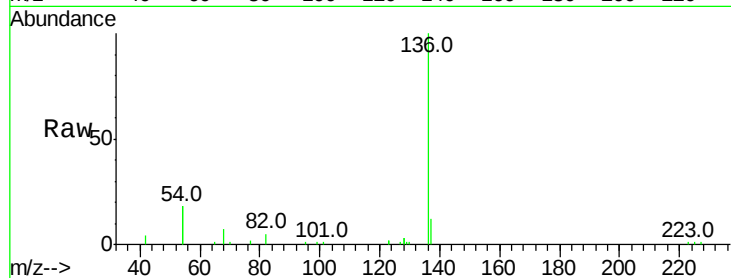
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 36.3 21.9 32.9#

68 7.3 4.6 7.0#

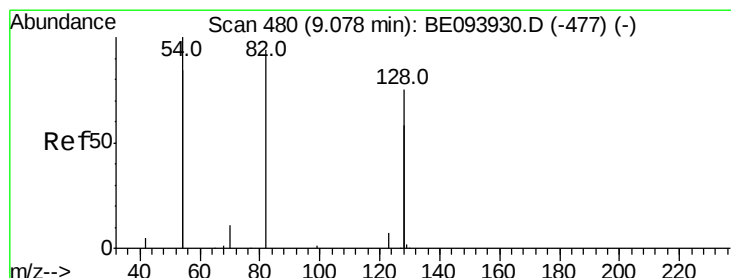
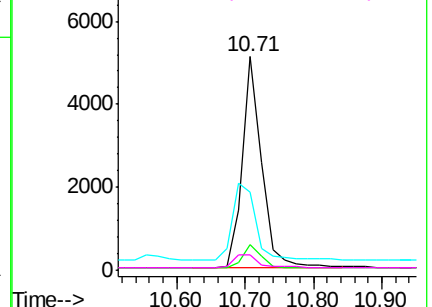
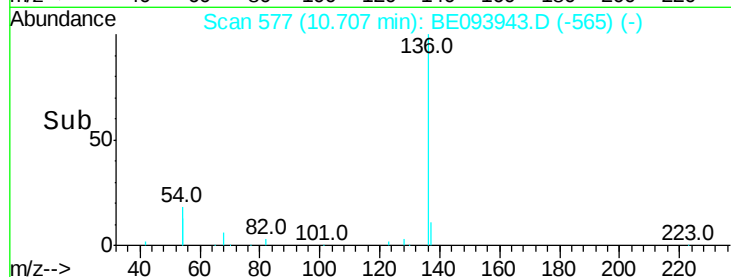


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.298 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

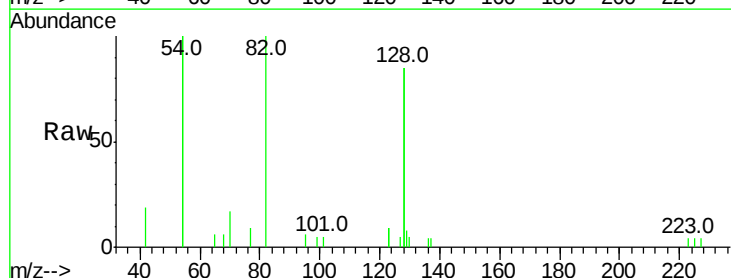
Tgt Ion: 82 Resp: 2570

Ion Ratio Lower Upper

82 100

128 169.9 91.4 137.0#

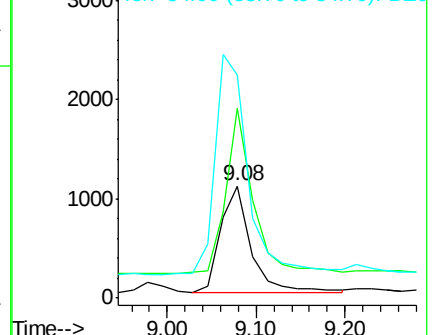
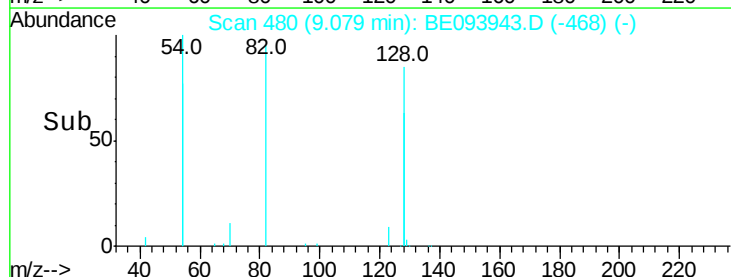
54 199.1 197.8 296.8

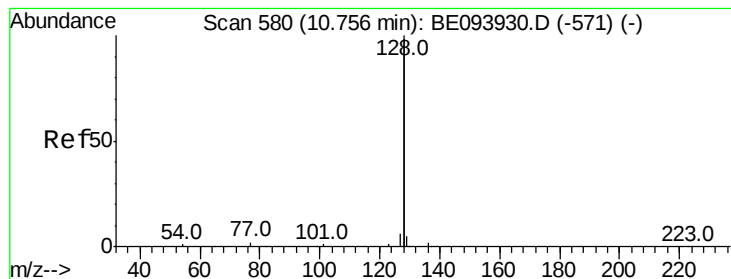


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.275 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

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ClientSampleId :

MWHR2-6MSD

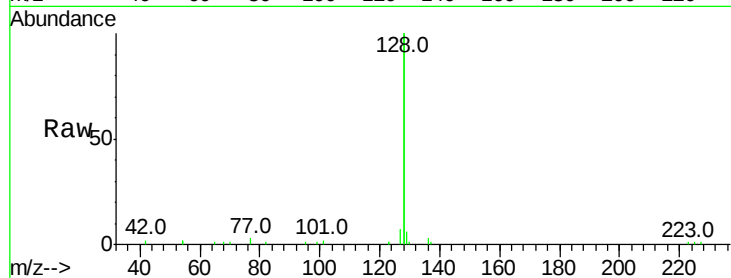
Tot Ion:128 Resp: 32051

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

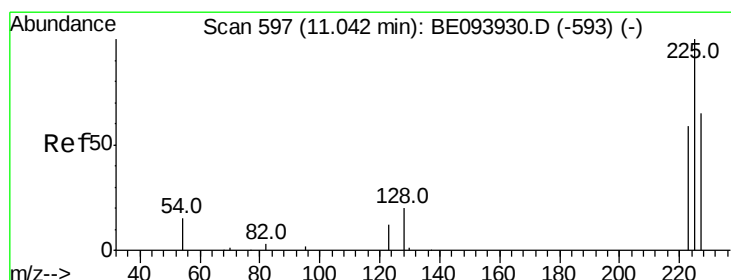
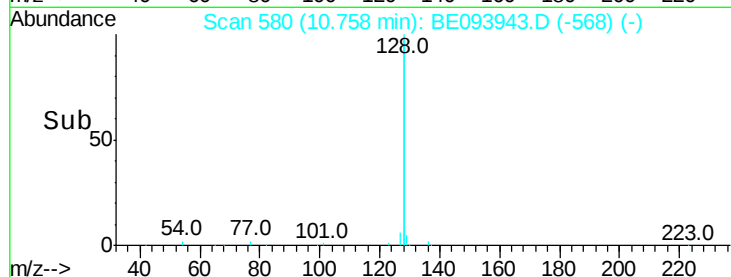
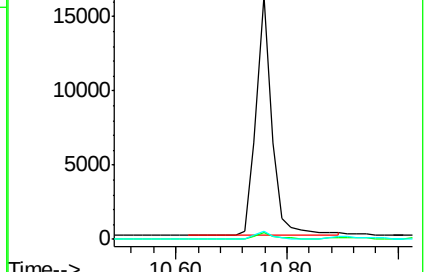
127 3.4 2.6 4.0



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: 0.265 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

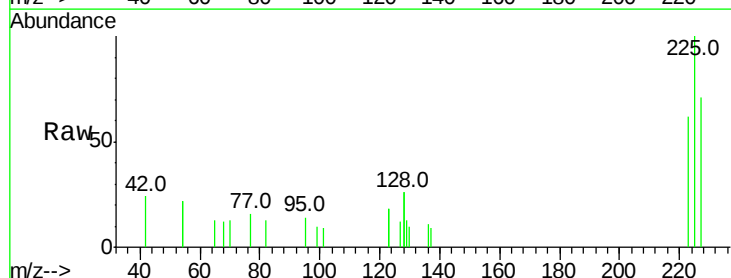
Tgt Ion:225 Resp: 1124

Ion Ratio Lower Upper

225 100

223 61.8 49.4 74.0

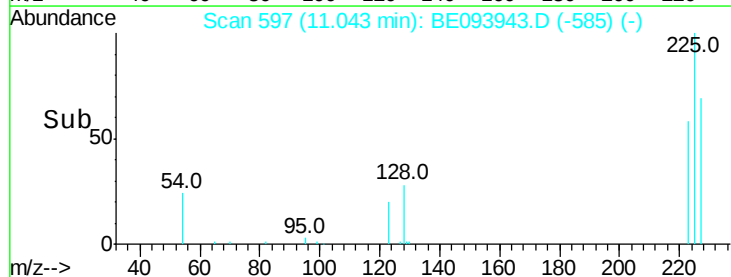
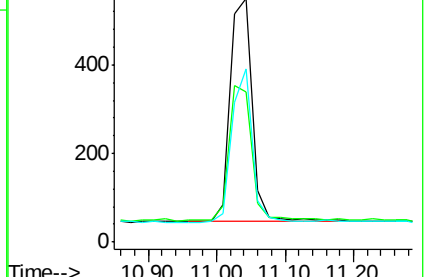
227 63.1 50.5 75.7

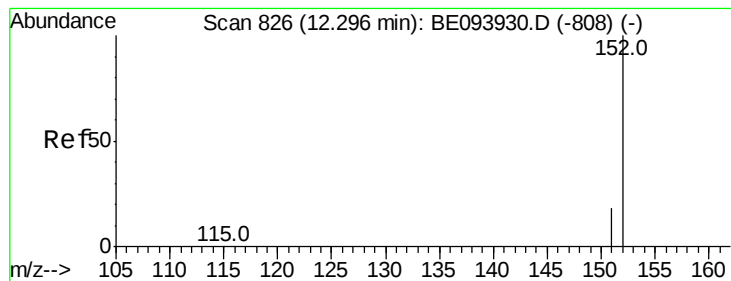


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.29 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

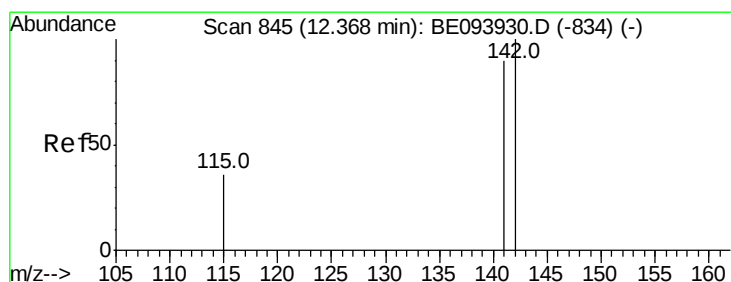
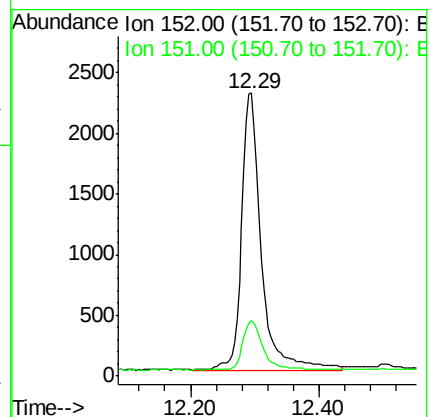
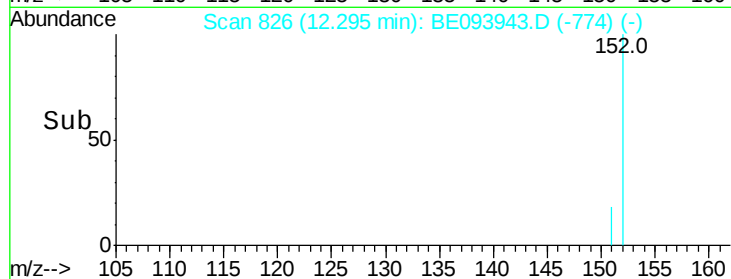
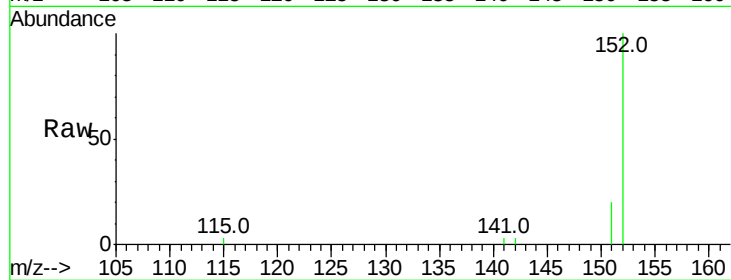
MWHR2-6MSD

Tot Ion:152 Resp: 4815

Ion Ratio Lower Upper

152 100

151 17.5 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.281 ng

RT: 12.37 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

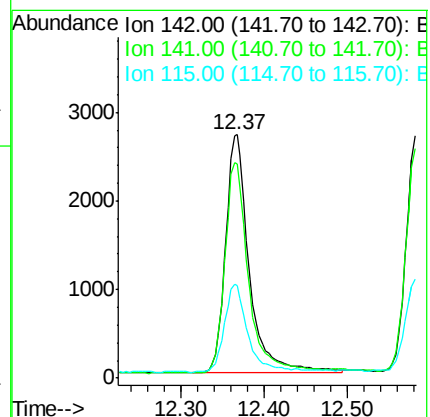
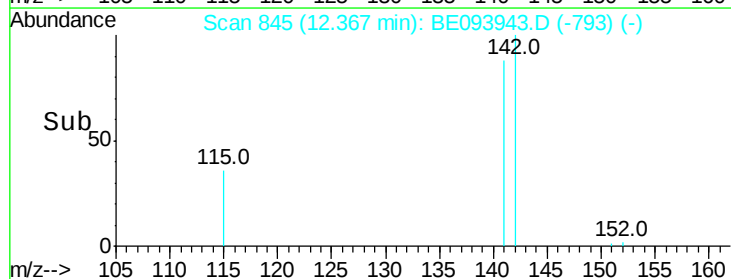
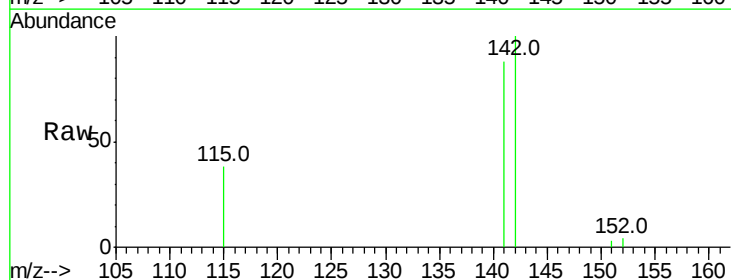
Tgt Ion:142 Resp: 5443

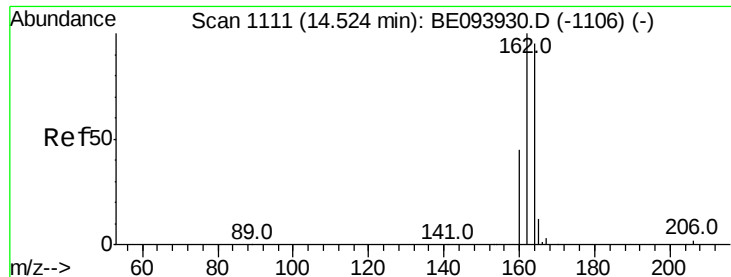
Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

115 38.2 29.4 44.0

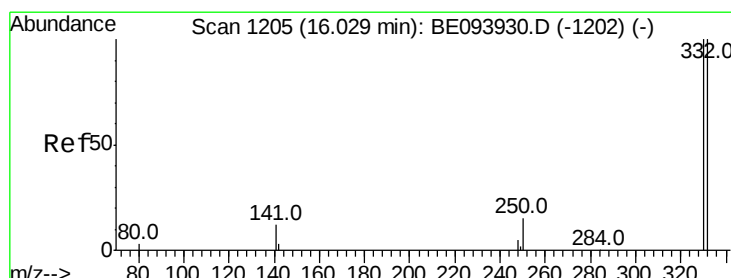
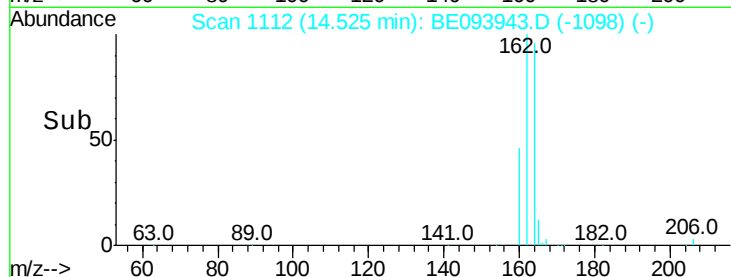
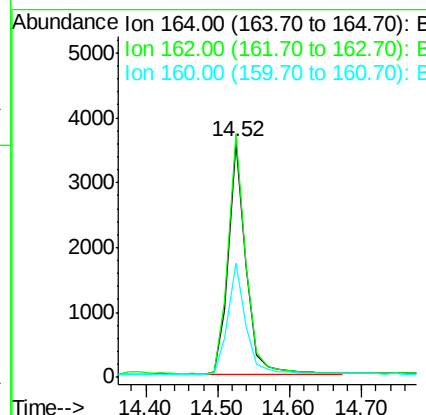
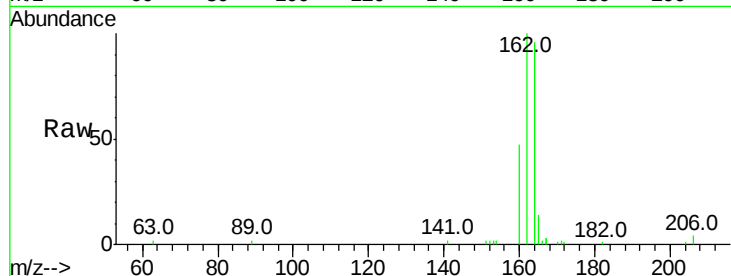




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093943.D
 Acq: 5 Sep 2017 18:59

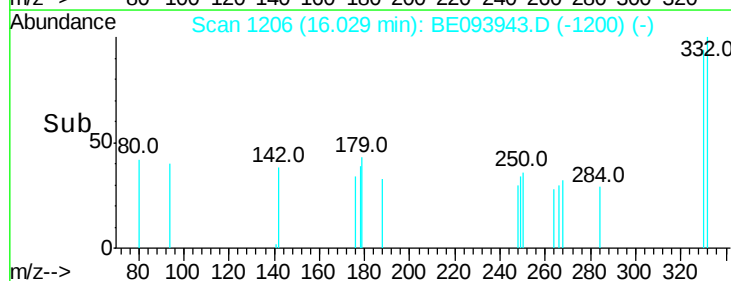
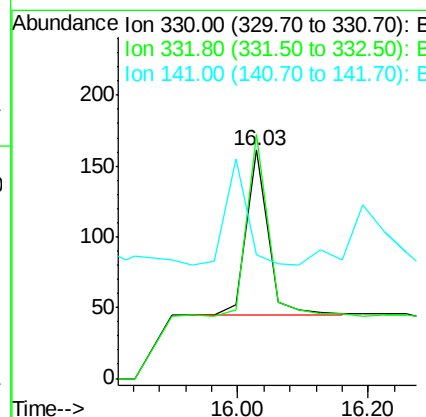
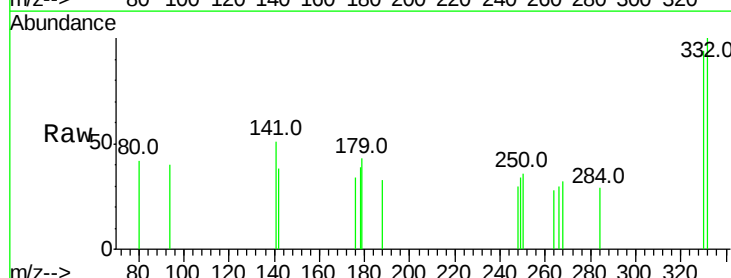
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MSD

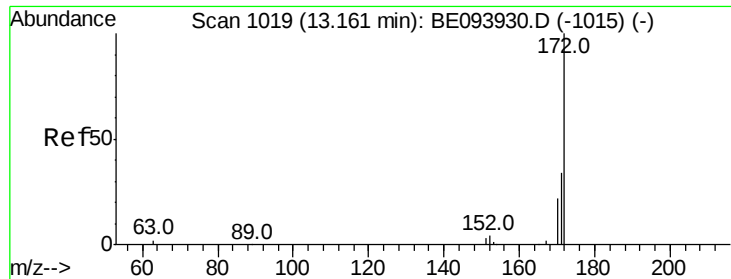
Tot Ion:164 Resp: 6055
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.8 121.2
 160 48.5 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.144 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093943.D
 Acq: 5 Sep 2017 18:59

Tgt Ion:330 Resp: 270
 Ion Ratio Lower Upper
 330 100
 332 109.3 76.9 115.3
 141 0.0 0.0 0.0

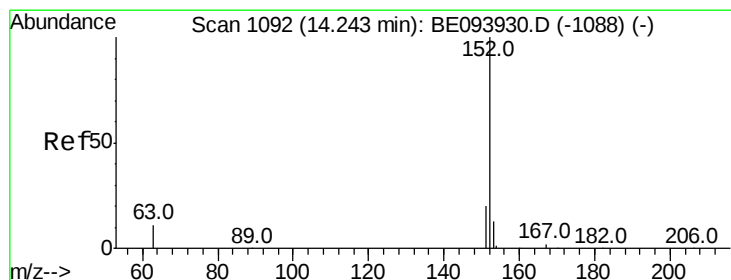
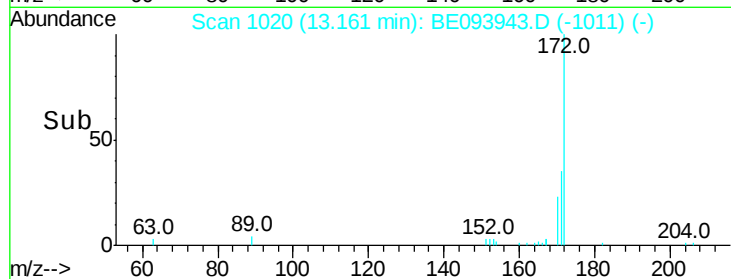
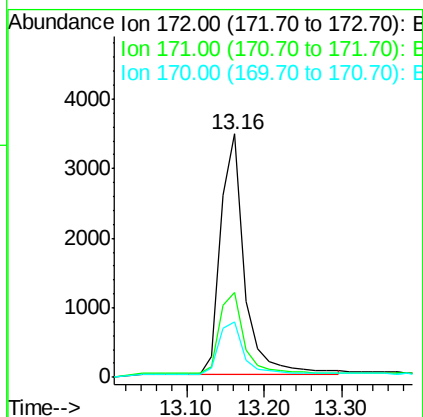
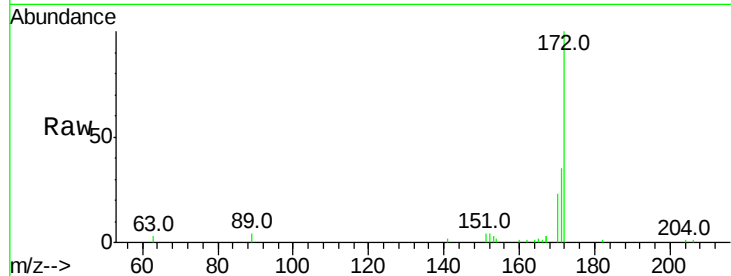




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

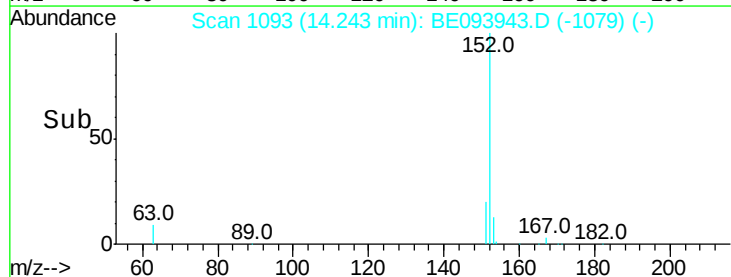
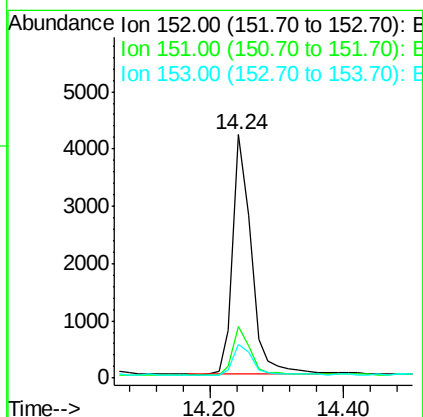
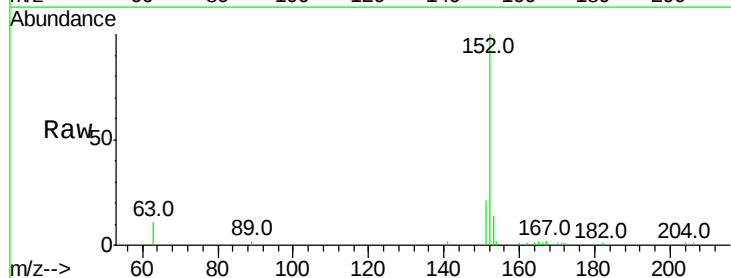
Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

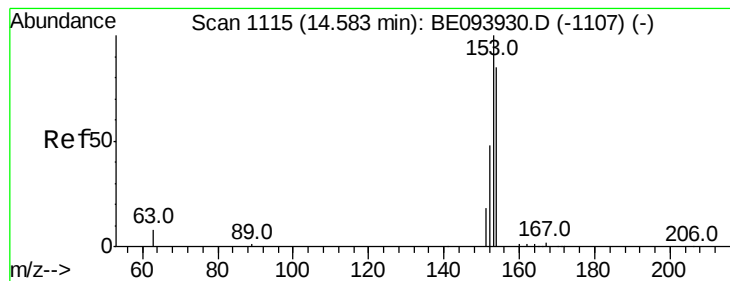
Tot Ion:172 Resp: 7390
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 22.7 17.3 25.9



#16
Acenaphthylene
Concen: 0.268 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:152 Resp: 8097
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.272 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

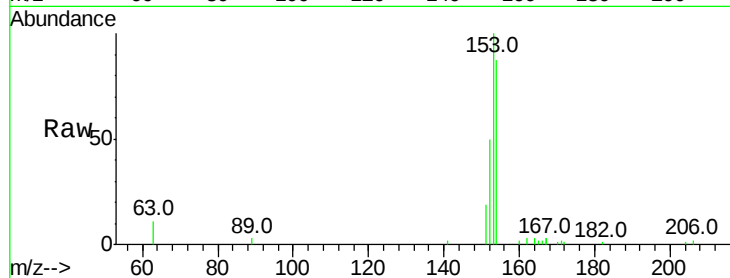
Tot Ion:154 Resp: 5557

Ion Ratio Lower Upper

154 100

153 112.1 91.8 137.6

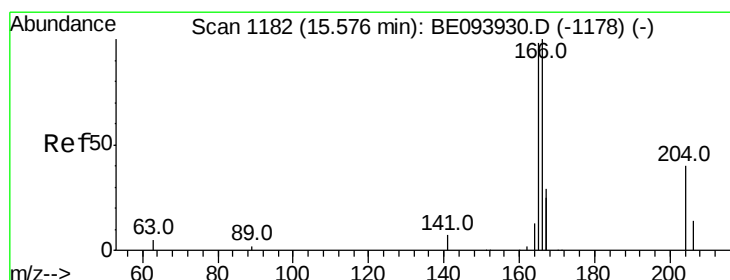
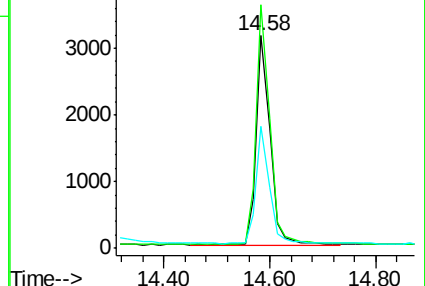
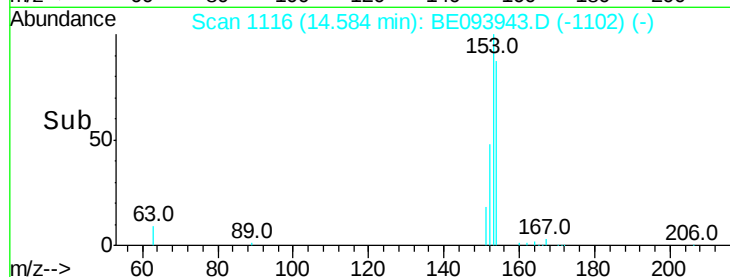
152 54.1 44.9 67.3



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: 0.280 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

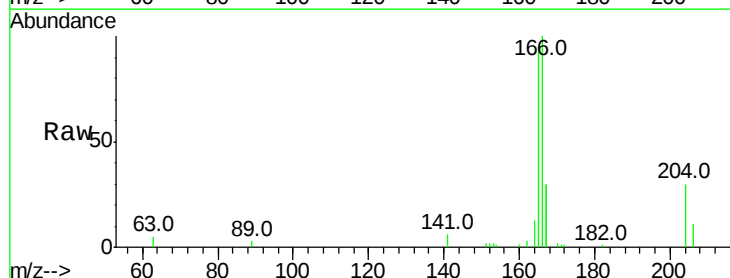
Tgt Ion:166 Resp: 7387

Ion Ratio Lower Upper

166 100

165 97.8 79.4 119.0

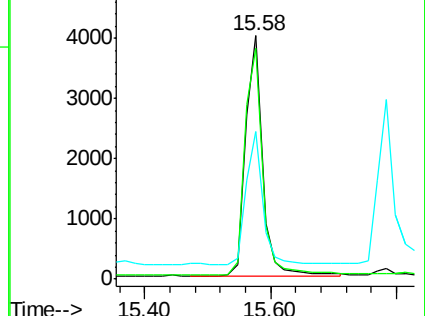
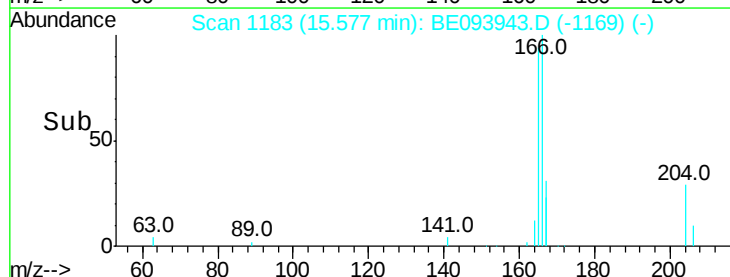
167 54.9 43.5 65.3

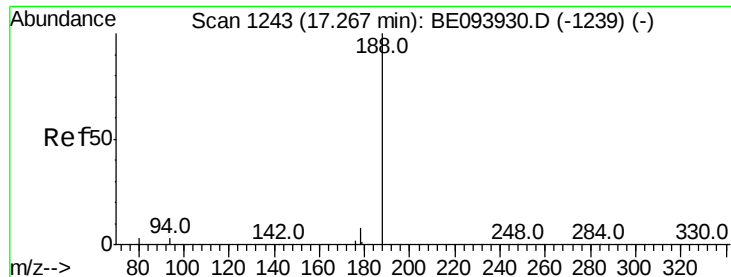


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

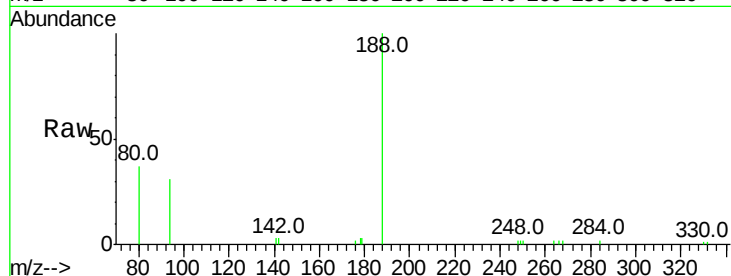
Tot Ion:188 Resp: 11298

Ion Ratio Lower Upper

188 100

94 31.2 16.1 24.1#

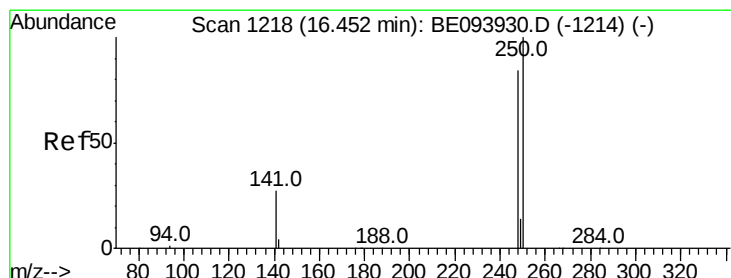
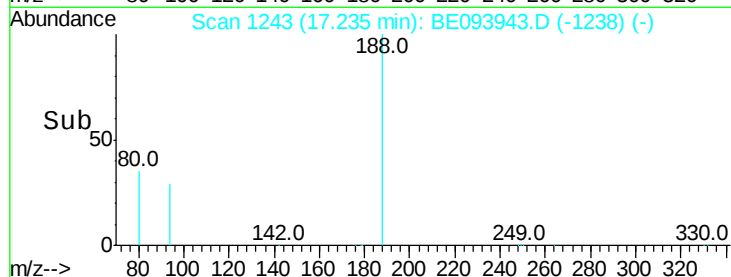
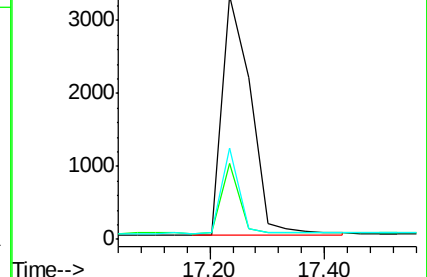
80 37.2 18.2 27.2#



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: 0.207 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

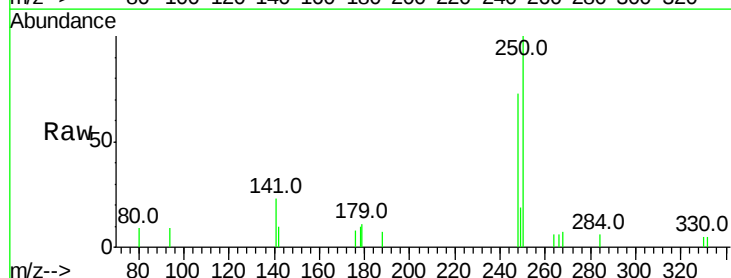
Tgt Ion:248 Resp: 1619

Ion Ratio Lower Upper

248 100

250 136.8 111.8 167.8

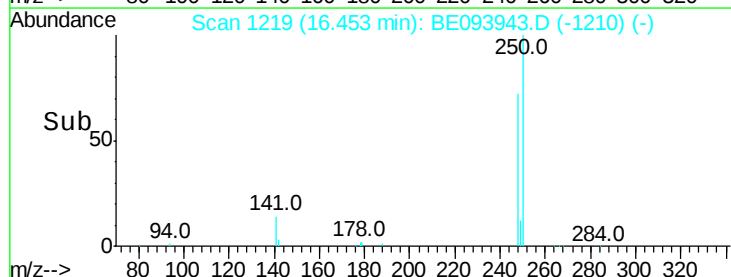
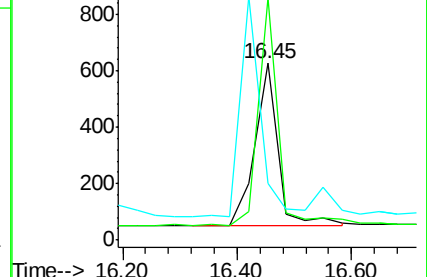
141 31.7 27.1 40.7

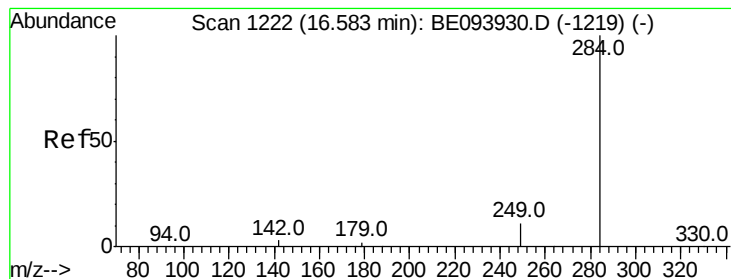


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.266 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

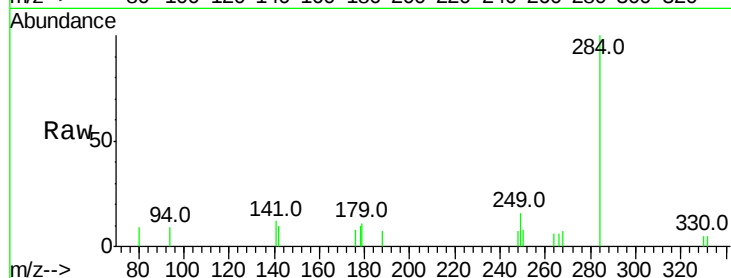
Tot Ion:284 Resp: 1772

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

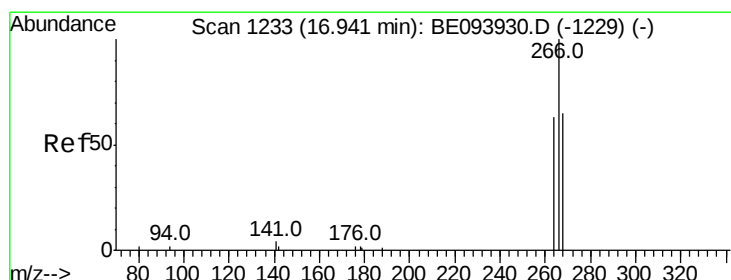
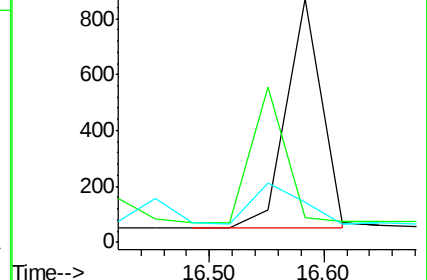
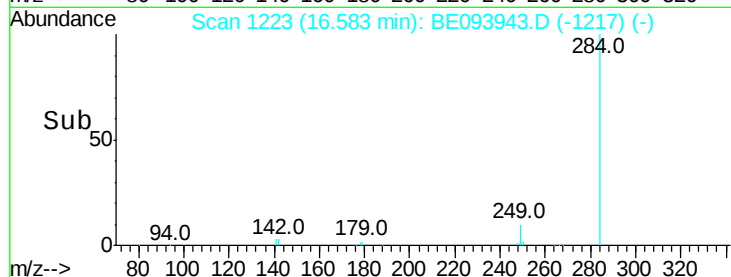
249 0.0 0.0 0.0



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: 0.140 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

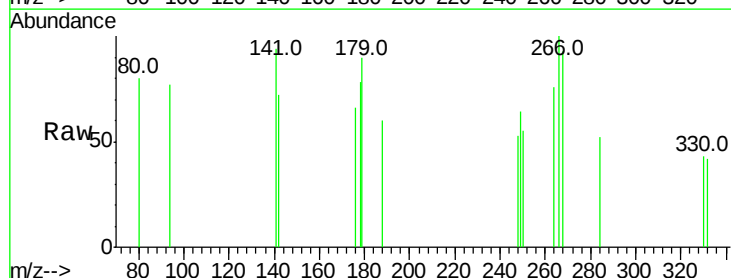
Tgt Ion:266 Resp: 250

Ion Ratio Lower Upper

266 100

264 76.4 53.5 80.3

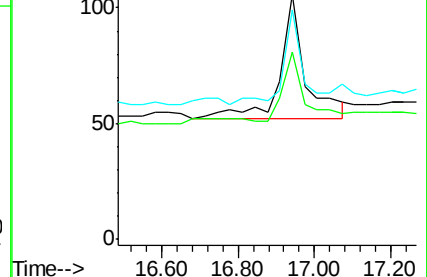
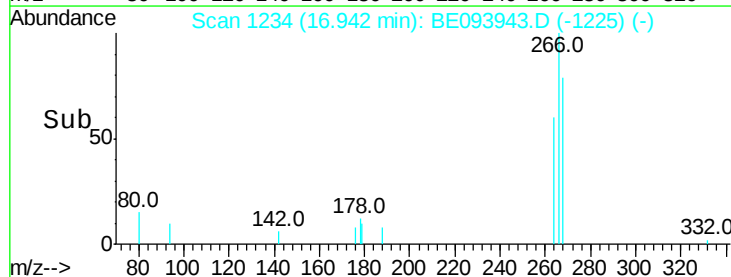
268 93.4 60.0 90.0#

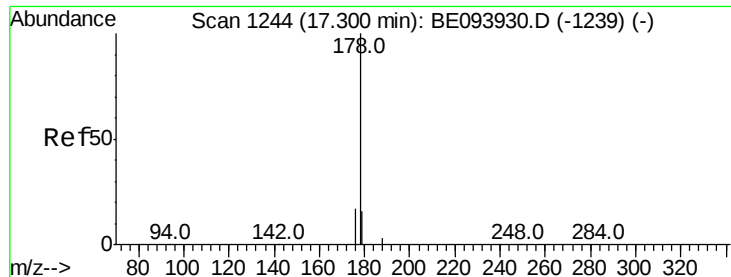


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.174 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

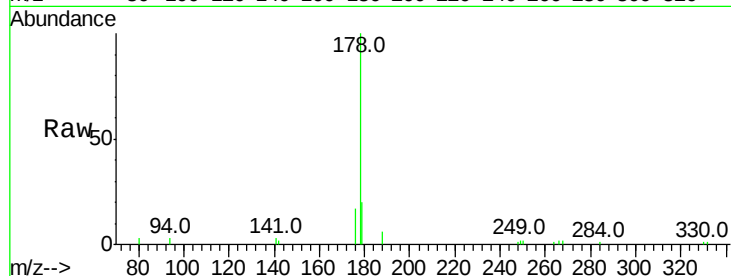
Tot Ion:178 Resp: 9374

Ion Ratio Lower Upper

178 100

176 18.7 0.0 0.0#

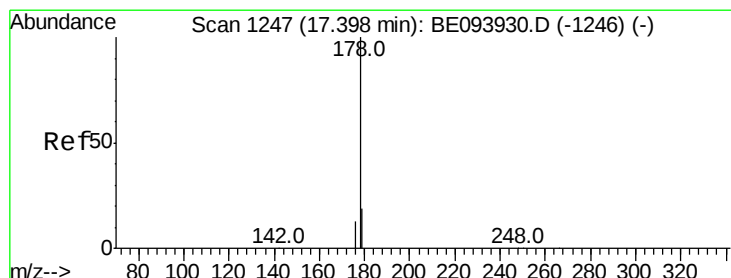
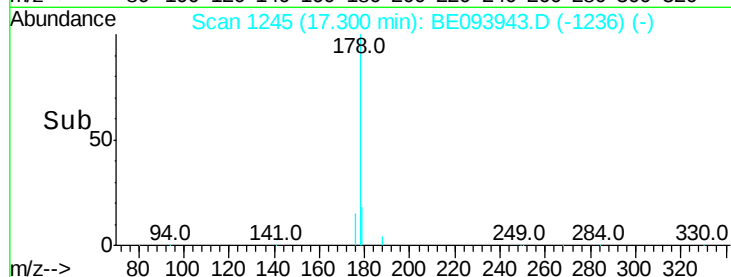
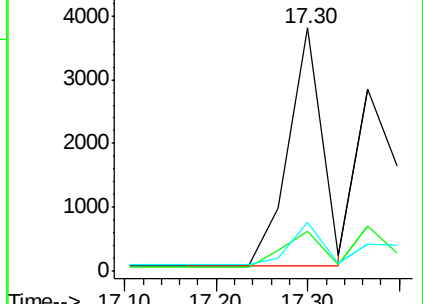
179 32.9 12.6 18.8#



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: 0.272 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

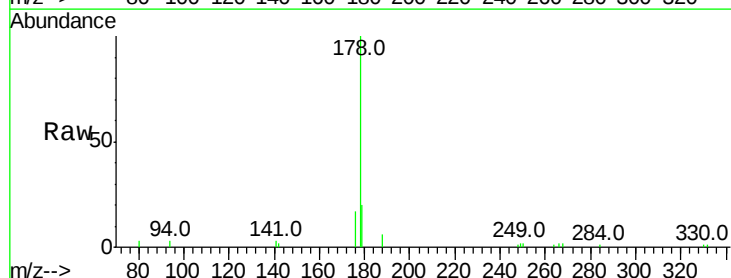
Tgt Ion:178 Resp: 9374

Ion Ratio Lower Upper

178 100

176 18.0 16.0 24.0

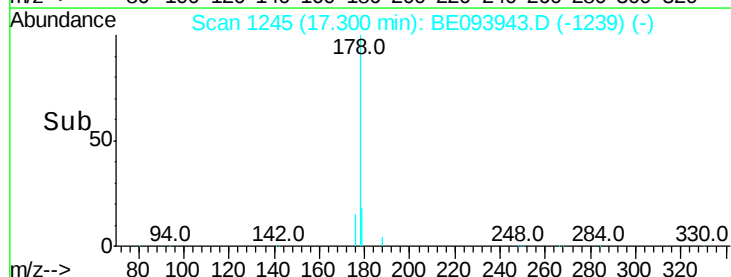
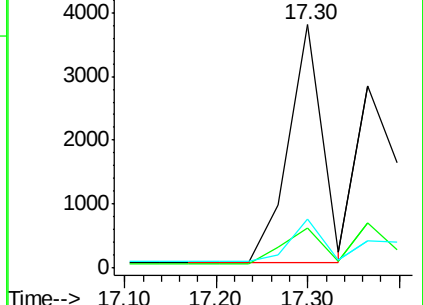
179 32.9 0.0 0.0#

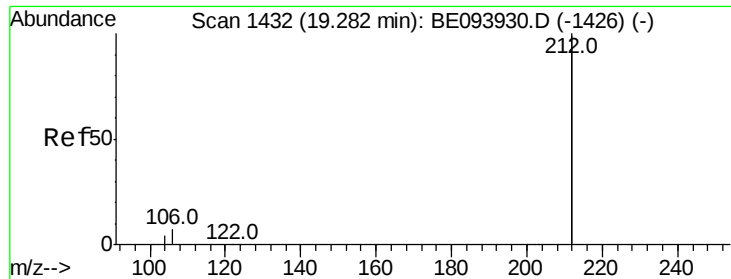


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

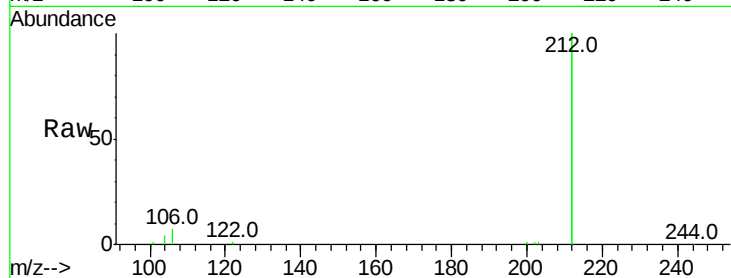
Tot Ion:212 Resp: 54152

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

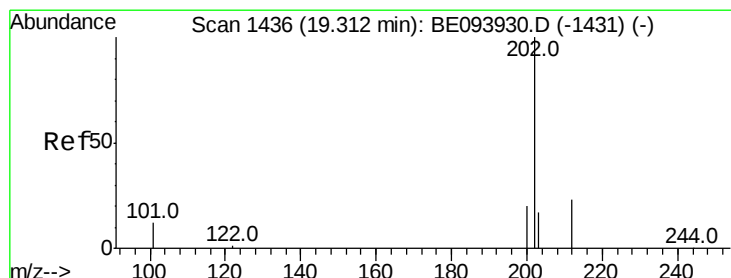
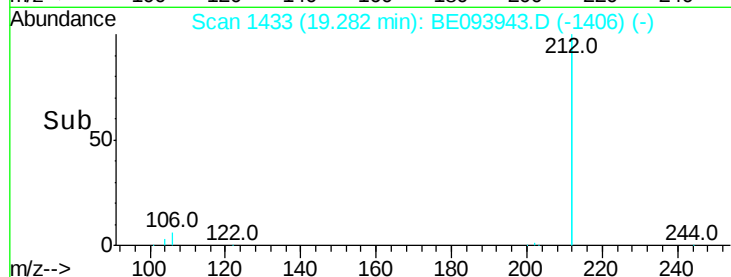
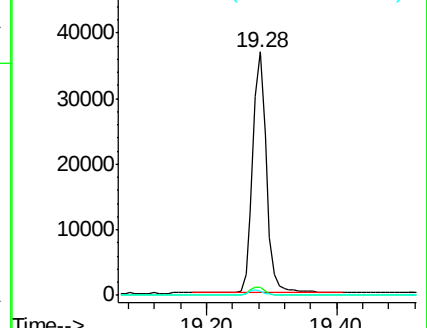
104 2.0 1.6 2.4



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: 0.299 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

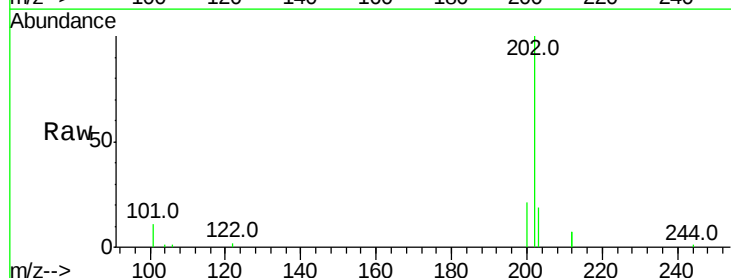
Tgt Ion:202 Resp: 15075

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

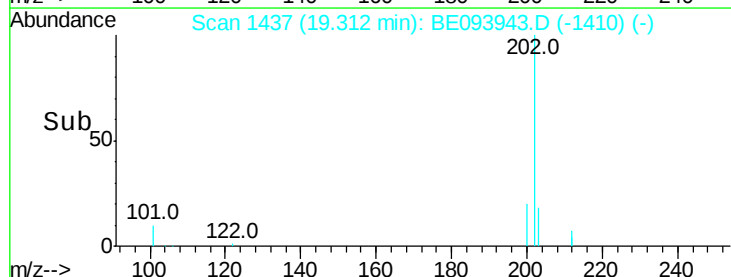
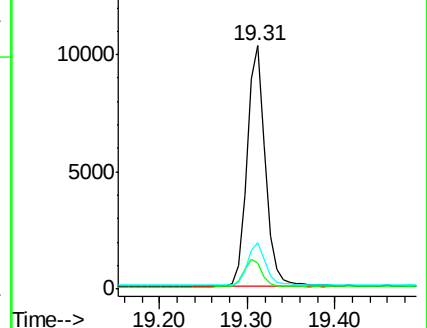
203 18.0 13.7 20.5

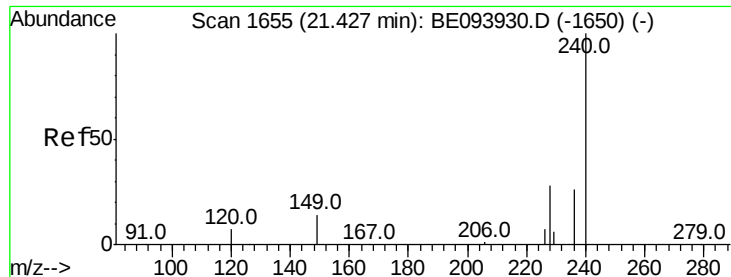


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

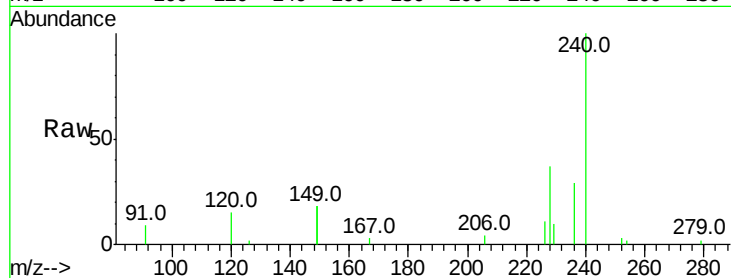
Tot Ion:240 Resp: 16752

Ion Ratio Lower Upper

240 100

120 15.4 8.7 13.1#

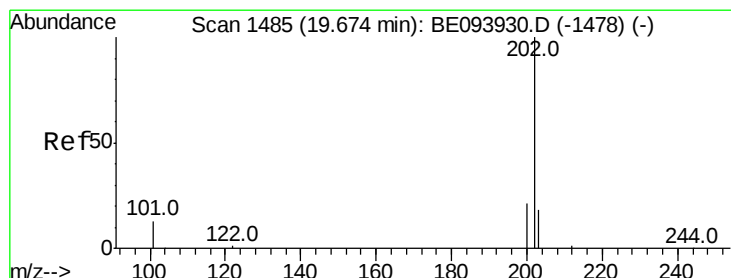
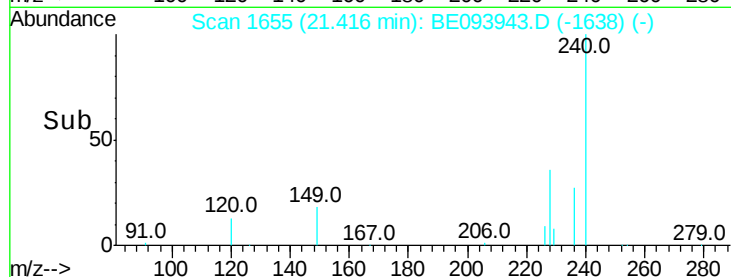
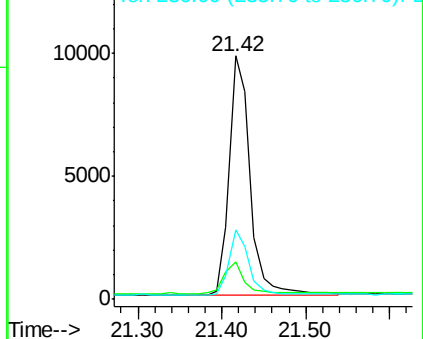
236 28.7 21.3 31.9



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: 0.268 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

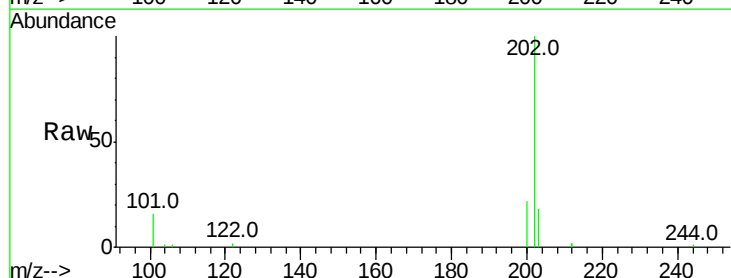
Tgt Ion:202 Resp: 15431

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

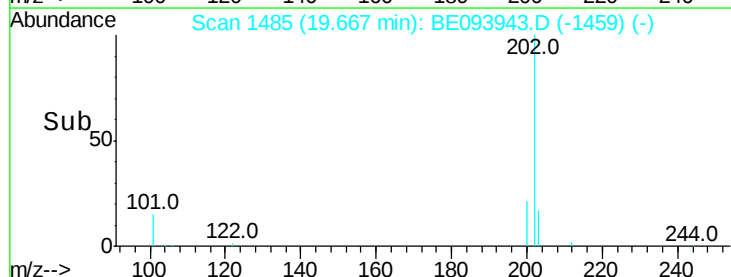
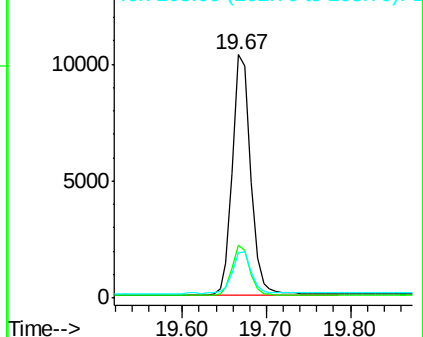
203 18.7 14.2 21.4

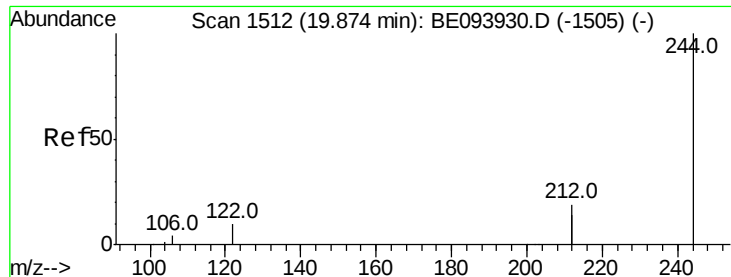


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

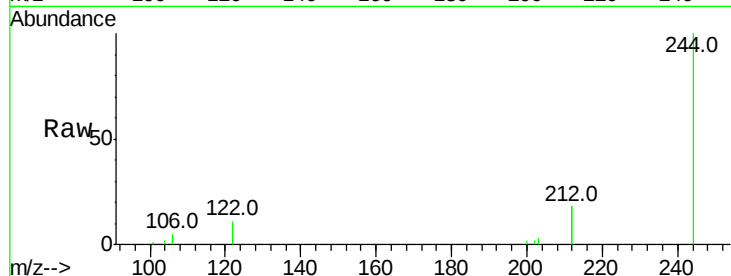
Tot Ion:244 Resp: 12255

Ion Ratio Lower Upper

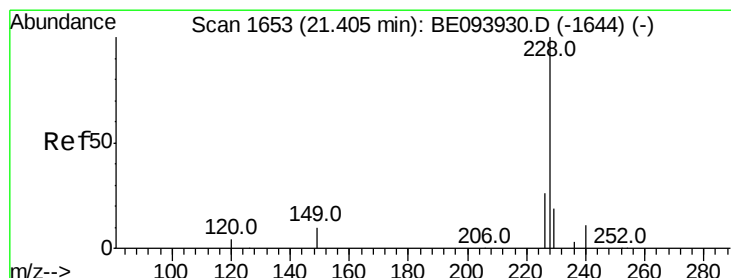
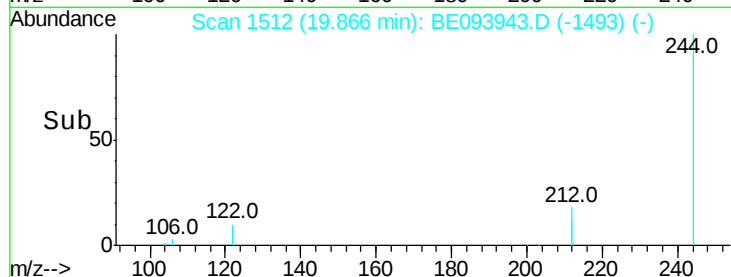
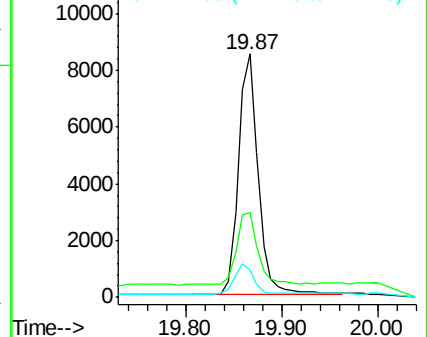
244 100

212 35.1 28.3 42.5

122 11.1 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: 0.270 ng

RT: 21.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

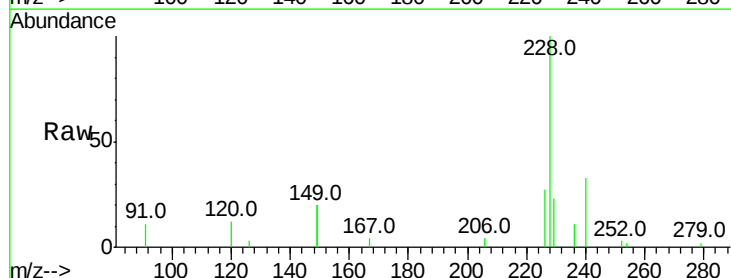
Tgt Ion:228 Resp: 13880

Ion Ratio Lower Upper

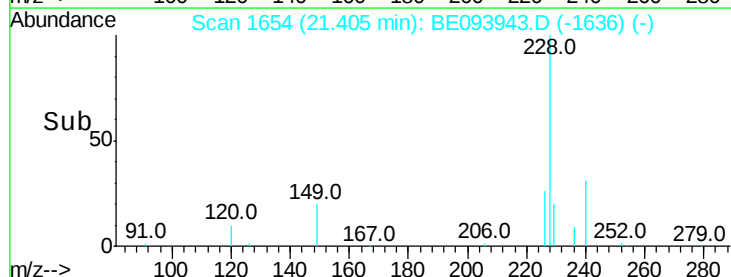
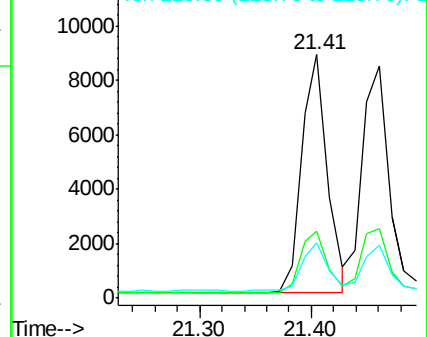
228 100

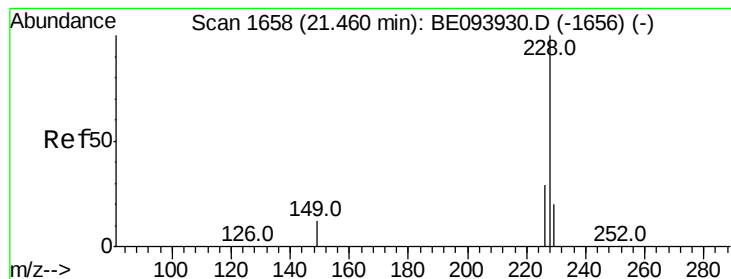
226 27.5 20.8 31.2

229 22.7 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: 0.264 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

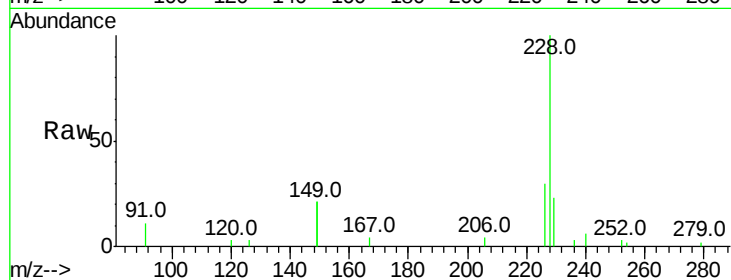
Tot Ion:228 Resp: 14387

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

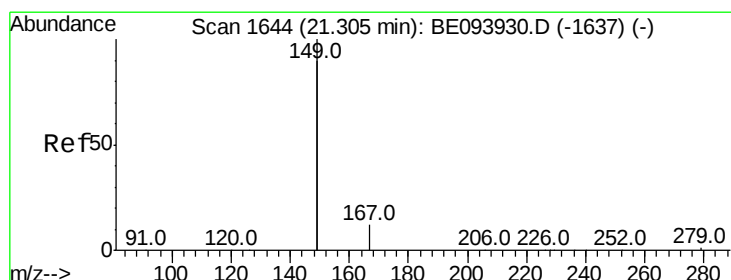
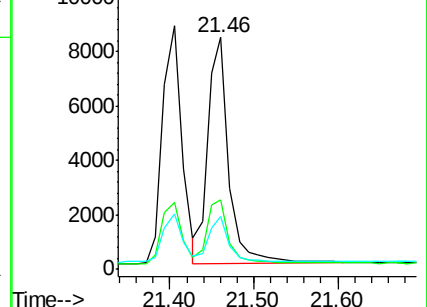
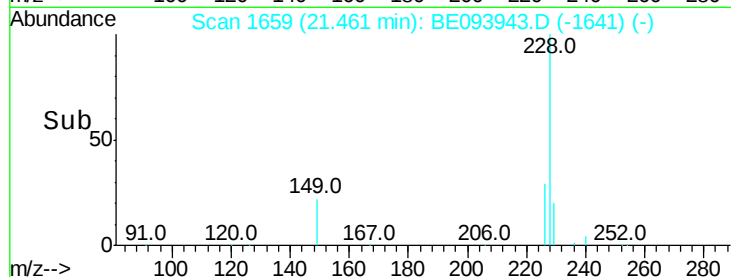
229 22.9 15.8 23.8



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: 0.340 ng

RT: 21.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

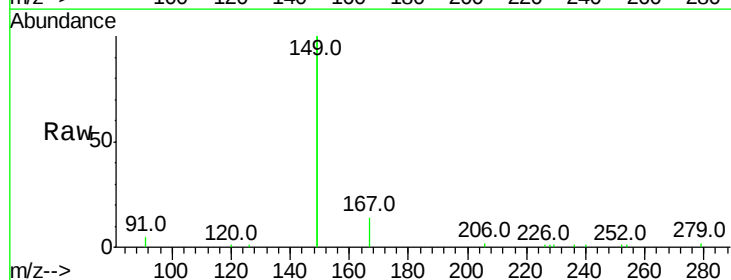
Tgt Ion:149 Resp: 42538

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

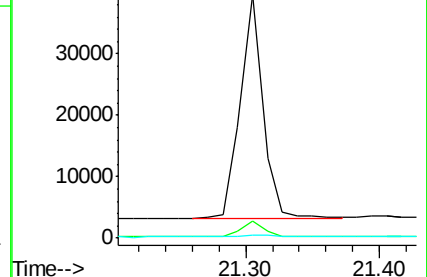
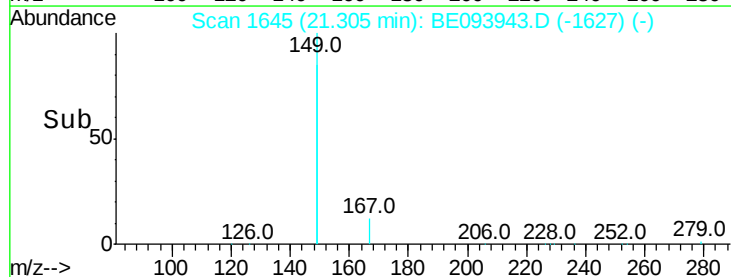
279 0.8 0.7 1.1

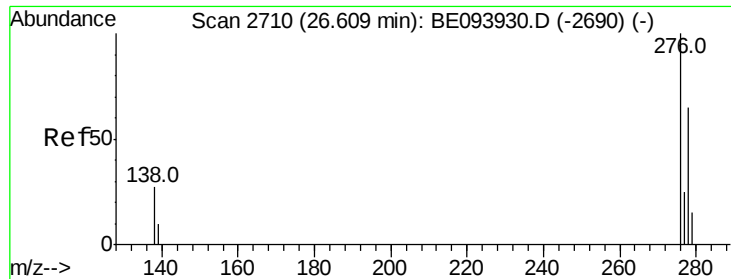


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

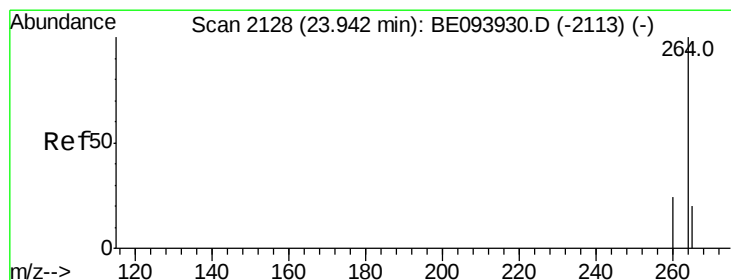
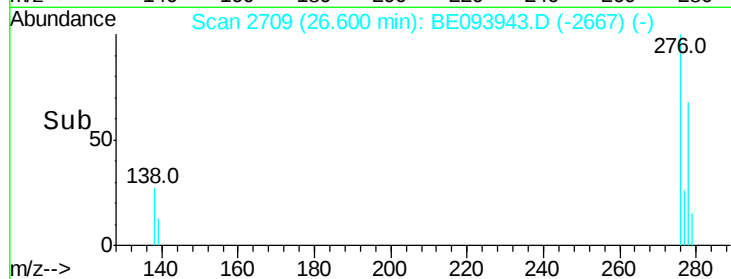
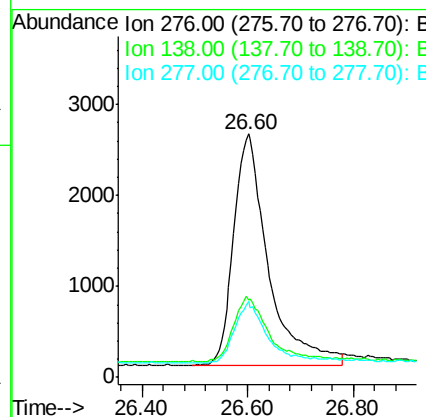
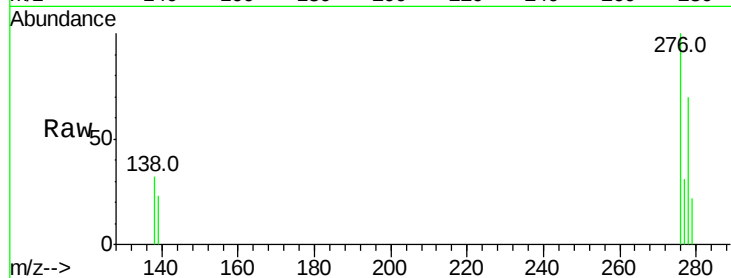




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.320 ng
 RT: 26.60 min Scan# 2709
 Delta R.T. -0.01 min
 Lab File: BE093943.D
 Acq: 5 Sep 2017 18:59

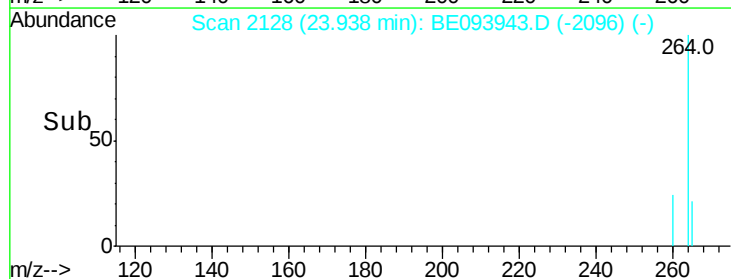
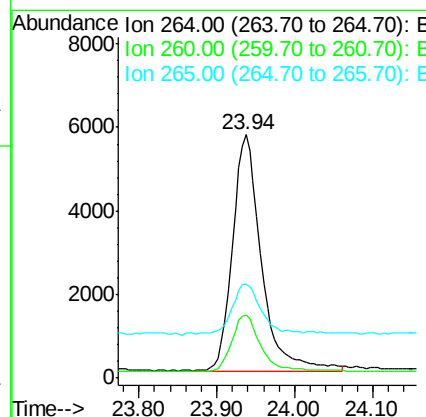
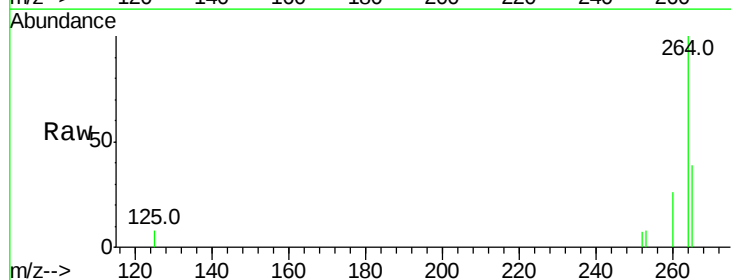
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MSD

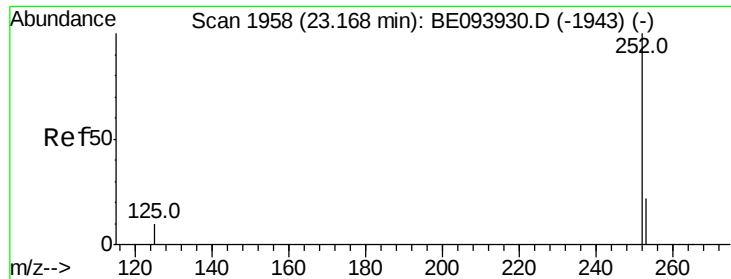
Tot Ion:276 Resp: 11616
 Ion Ratio Lower Upper
 276 100
 138 27.0 22.2 33.2
 277 24.8 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093943.D
 Acq: 5 Sep 2017 18:59

Tgt Ion:264 Resp: 14493
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.0 30.0
 265 38.7 24.0 36.0#





#35

Benzo(b)fluoranthene

Concen: 0.272 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

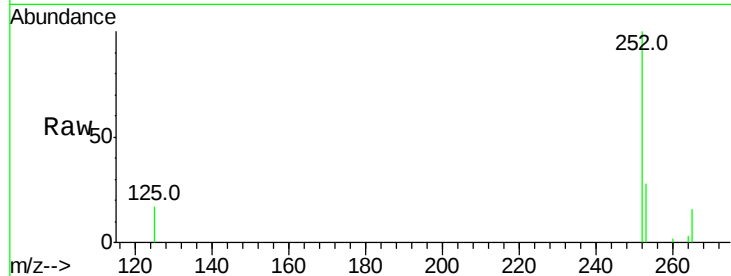
Tot Ion:252 Resp: 12559

Ion Ratio Lower Upper

252 100

253 27.7 19.4 29.0

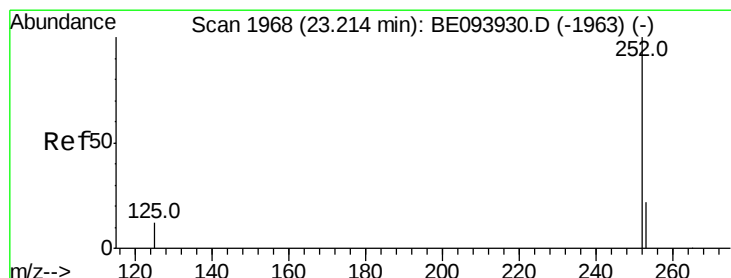
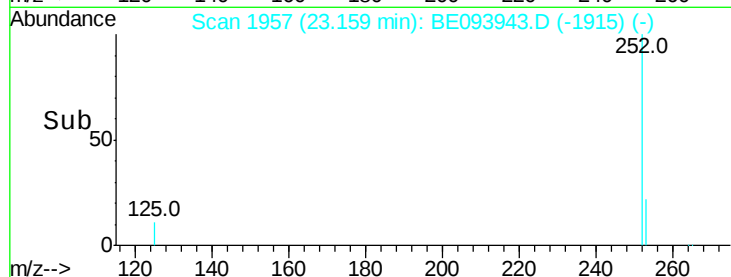
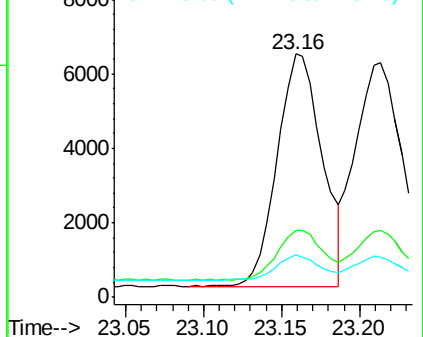
125 17.4 10.0 15.0#



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: 0.242 ng

RT: 23.21 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

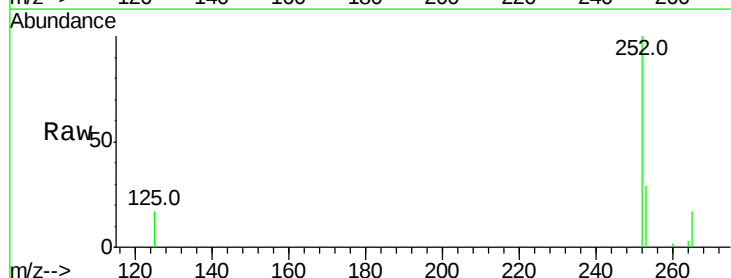
Tgt Ion:252 Resp: 13672

Ion Ratio Lower Upper

252 100

253 28.5 18.1 27.1#

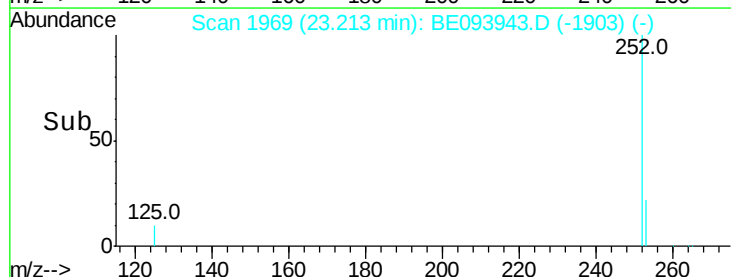
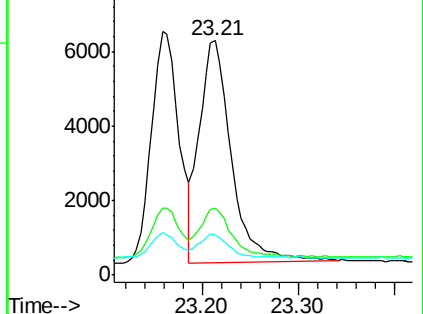
125 16.9 9.8 14.6#

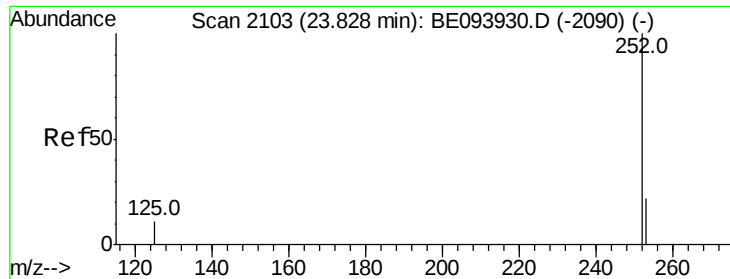


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.163 ng

RT: 23.83 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD

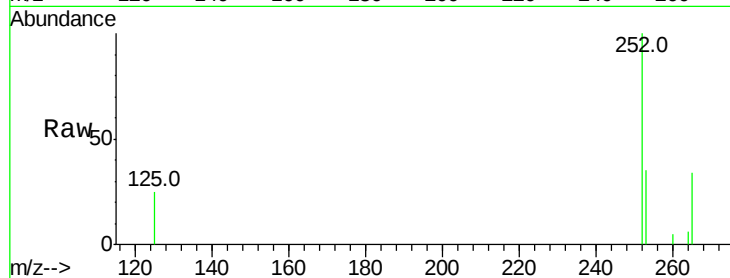
Tot Ion:252 Resp: 7643

Ion Ratio Lower Upper

252 100

253 34.6 19.6 29.4#

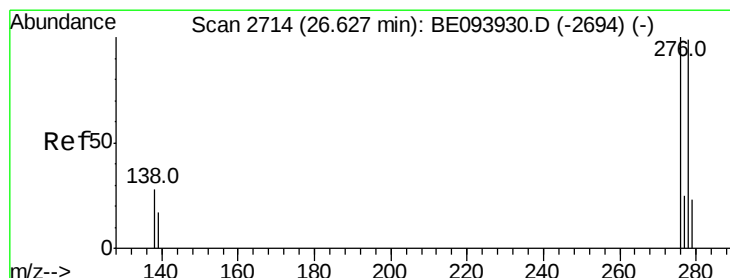
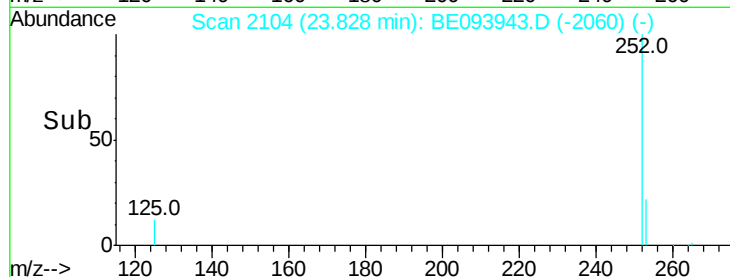
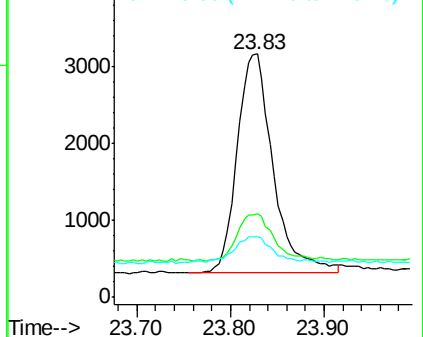
125 25.1 11.8 17.8#



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: 0.300 ng

RT: 26.61 min Scan# 2711

Delta R.T. -0.02 min

Lab File: BE093943.D

Acq: 5 Sep 2017 18:59

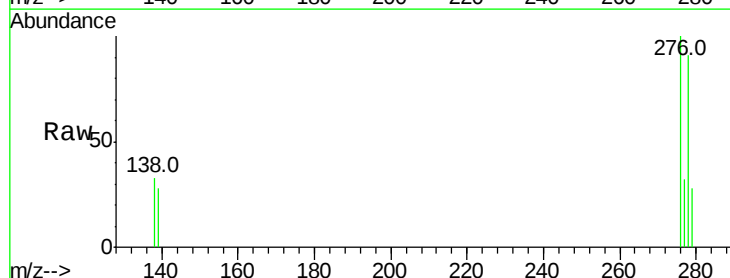
Tgt Ion:278 Resp: 9364

Ion Ratio Lower Upper

278 100

139 30.9 16.7 25.1#

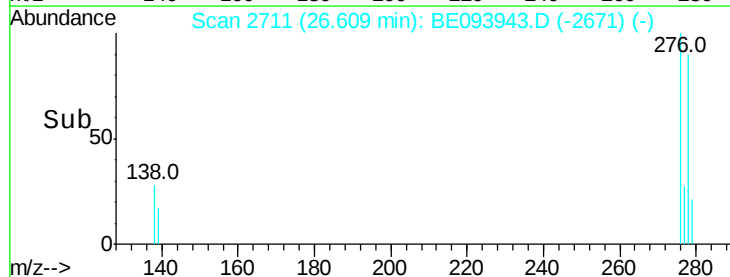
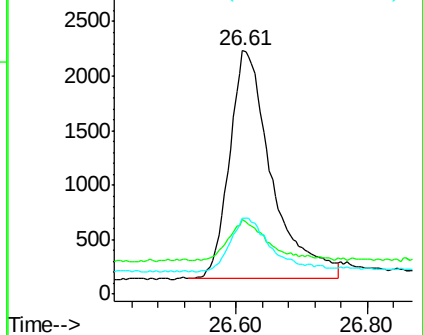
279 31.0 21.6 32.4

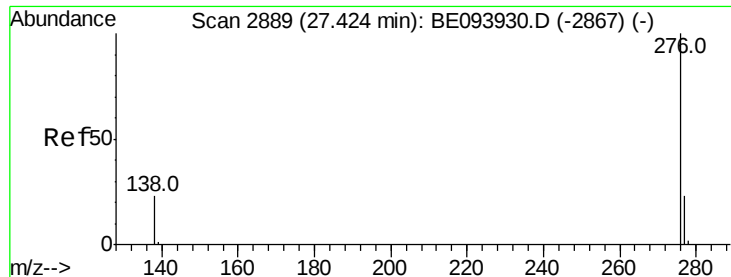


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.264 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093943.D

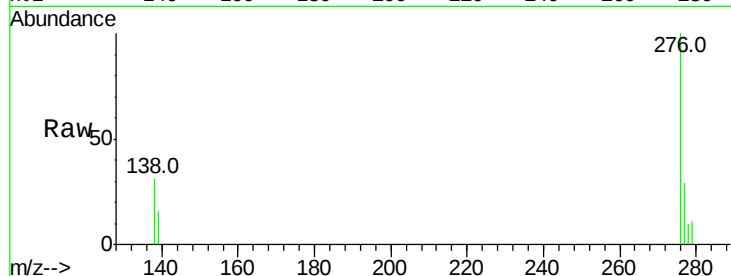
Acq: 5 Sep 2017 18:59

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MSD



Tot Ion:276 Resp: 8682

Ion Ratio Lower Upper

276 100

277 29.3 20.6 30.8

138 30.5 21.9 32.9

