

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093942.D
 Acq On : 5 Sep 2017 18:24
 Operator : SJ/JU
 Sample : I5057-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MS

Quant Time: Sep 06 05:27:26 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	2602	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13053	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7510	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12469	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	17965	0.40	ng	-0.01
34) Perylene-d12	23.93	264	15750	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1230	0.15	ng	0.00
5) Phenol-d6	7.13	99	1166	0.09	ng	0.01
8) Nitrobenzene-d5	9.08	82	3565	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6641	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	757	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11229	0.38	ng	-0.01
25) Fluoranthene-d10	19.28	212	63822	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	15607	0.47	ng	0.00

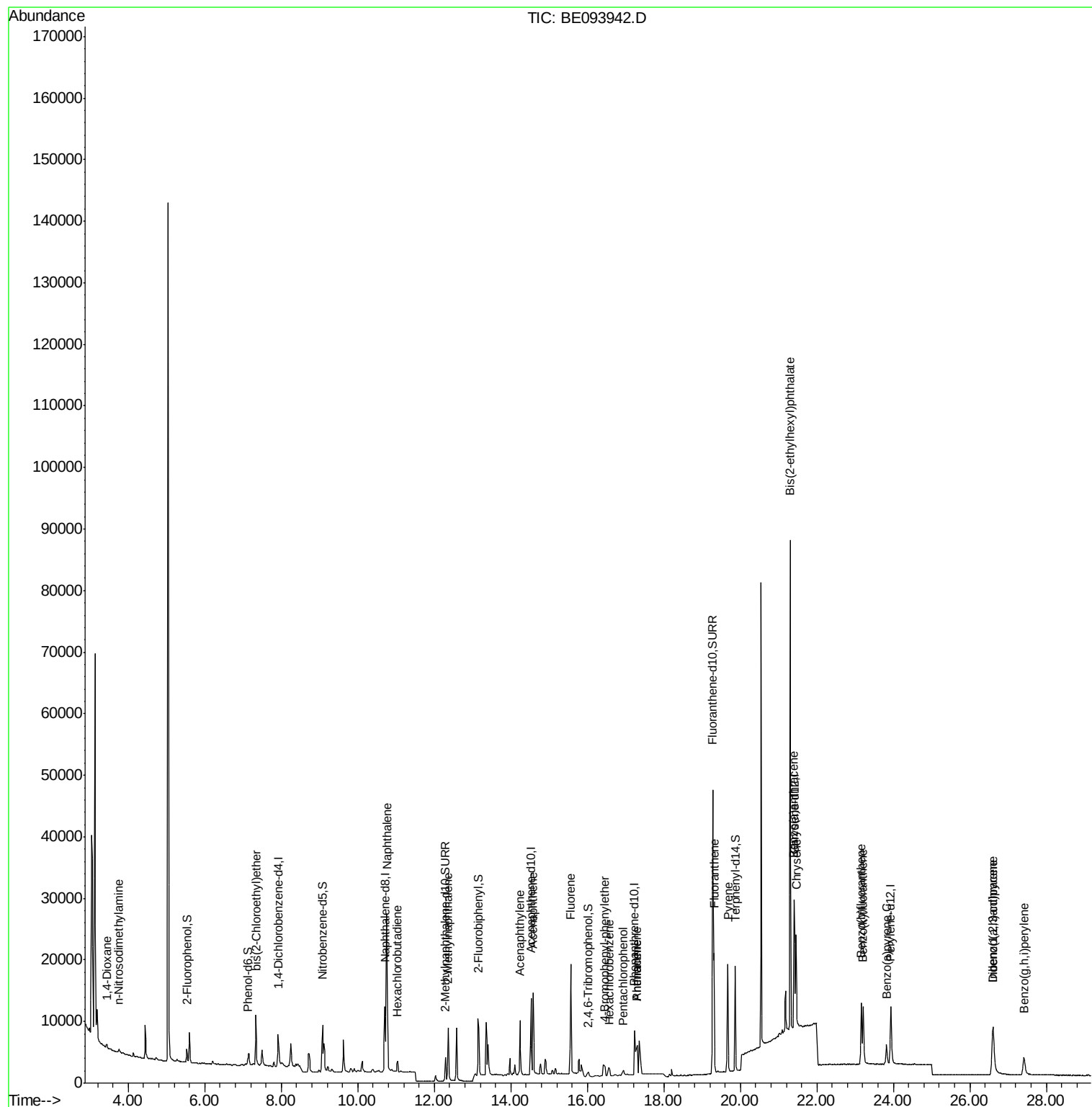
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	484	0.135	ng	# 1
3) n-Nitrosodimethylamine	3.75	42	437	0.104	ng	# 77
6) bis(2-Chloroethyl)ether	7.34	93	2883	0.279	ng	96
9) Naphthalene	10.76	128	43585	0.291	ng	100
10) Hexachlorobutadiene	11.04	225	1473	0.271	ng	98
12) 2-Methylnaphthalene	12.36	142	7357	0.296	ng	99
16) Acenaphthylene	14.24	152	10533	0.281	ng	100
17) Acenaphthene	14.58	154	7113	0.281	ng	97
18) Fluorene	15.56	166	9233	0.283	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1643	0.183	ng	86
21) Hexachlorobenzene	16.58	284	1938	0.263	ng	# 100
22) Pentachlorophenol	16.94	266	1418	0.717	ng	91
23) Phenanthrene	17.30	178	10130	0.166	ng	# 59
24) Anthracene	17.30	178	10130	0.267	ng	# 96
26) Fluoranthene	19.31	202	17478	0.315	ng	98
28) Pyrene	19.67	202	17784	0.288	ng	100
30) Benzo(a)anthracene	21.40	228	15802	0.286	ng	96
31) Chrysene	21.46	228	16468	0.282	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	83844	0.626	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	13200	0.339	ng	99
35) Benzo(b)fluoranthene	23.16	252	14963	0.298	ng	# 91
36) Benzo(k)fluoranthene	23.21	252	15196	0.247	ng	# 88
37) Benzo(a)pyrene	23.82	252	6103	0.120	ng	# 70
38) Dibenzo(a,h)anthracene	26.61	278	11540	0.341	ng	# 88
39) Benzo(g,h,i)perylene	27.42	276	8552	0.239	ng	93

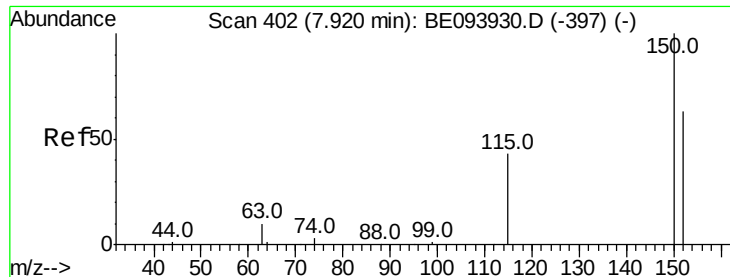
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

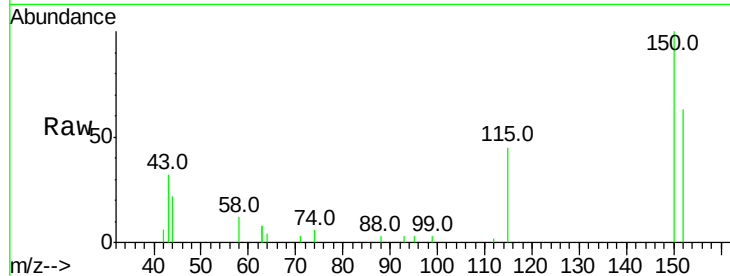
Tot Ion:152 Resp: 2602

Ion Ratio Lower Upper

152 100

150 160.0 121.8 182.6

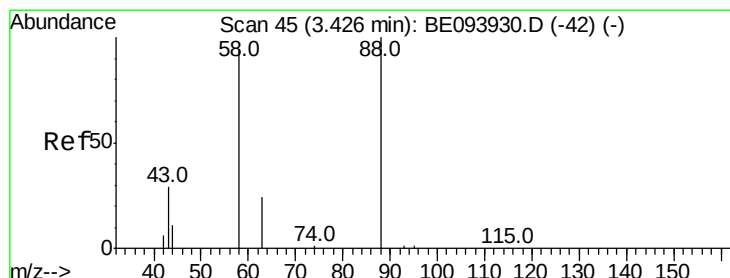
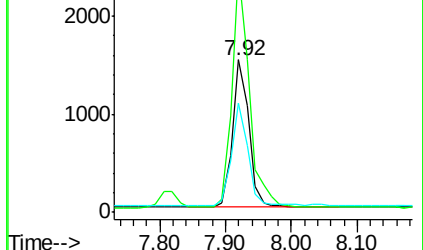
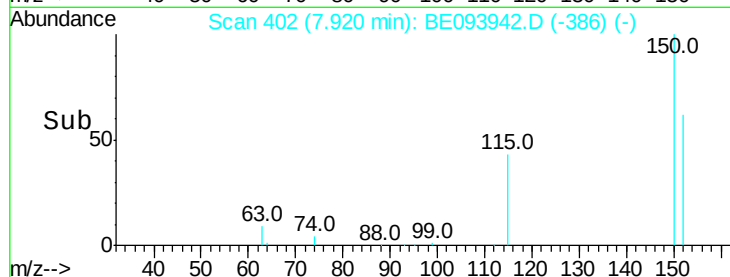
115 72.1 52.6 79.0



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: 0.135 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

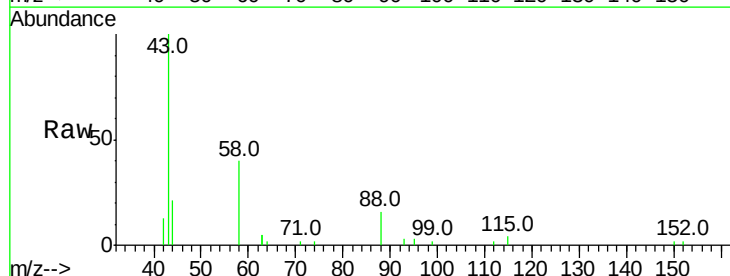
Tgt Ion: 88 Resp: 484

Ion Ratio Lower Upper

88 100

58 238.0 65.4 98.0#

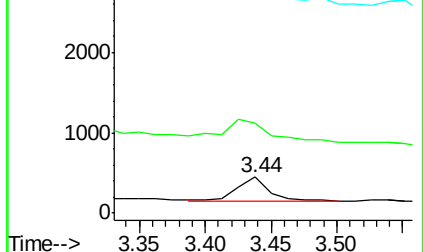
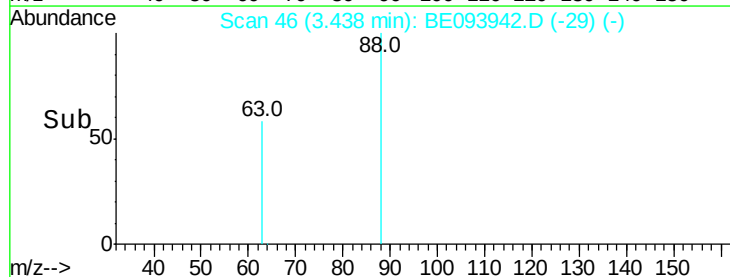
43 0.0 23.9 35.9#

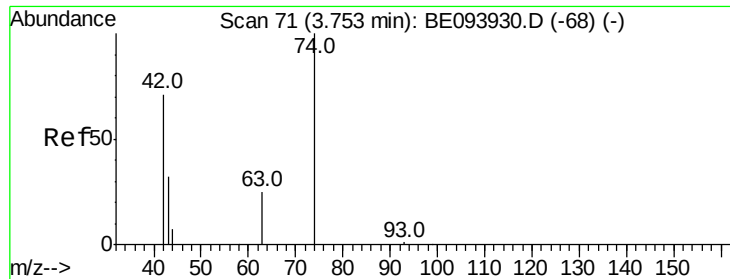


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.104 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

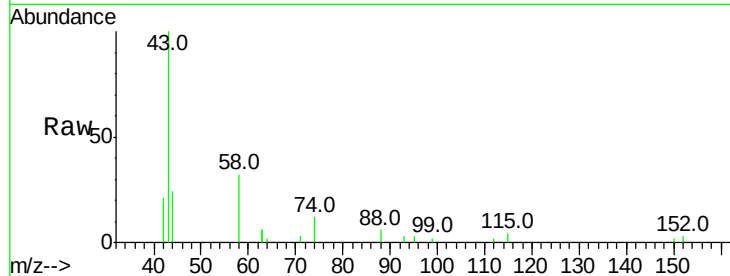
Tot Ion: 42 Resp: 437

Ion Ratio Lower Upper

42 100

74 154.5 104.0 156.0

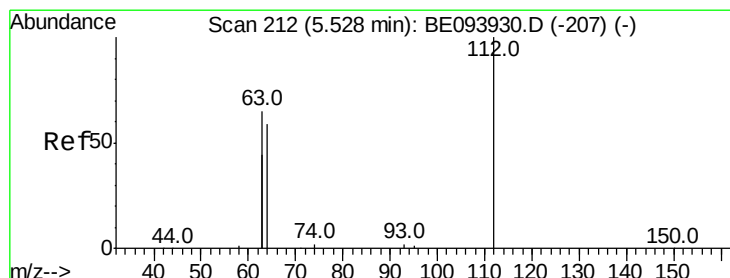
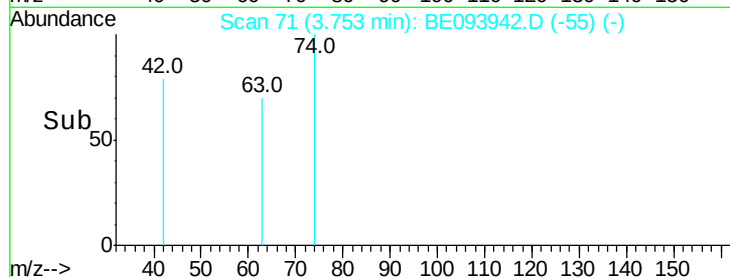
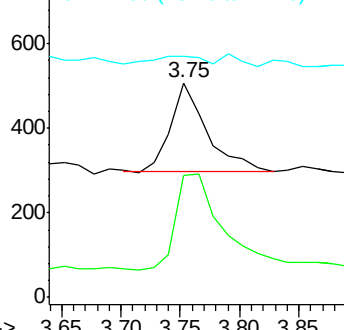
44 0.0 13.8 20.8#



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: 0.146 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

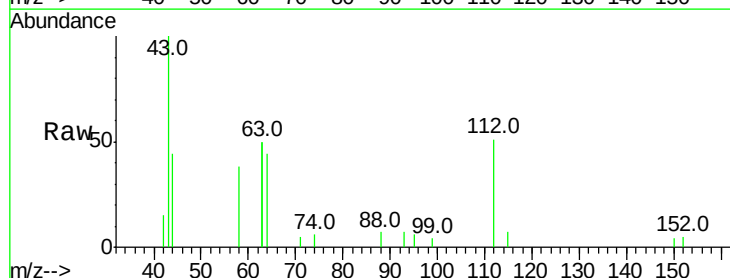
Tgt Ion: 112 Resp: 1230

Ion Ratio Lower Upper

112 100

64 74.5 57.7 86.5

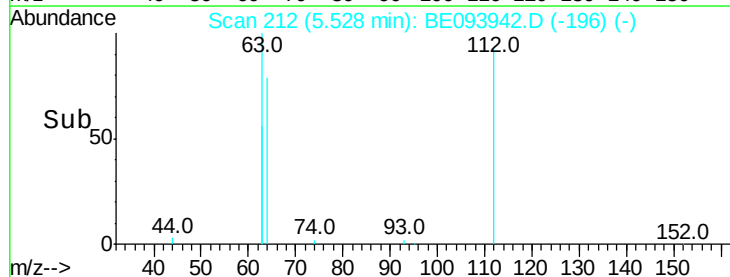
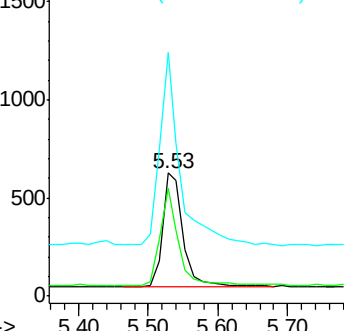
63 160.9 116.0 174.0

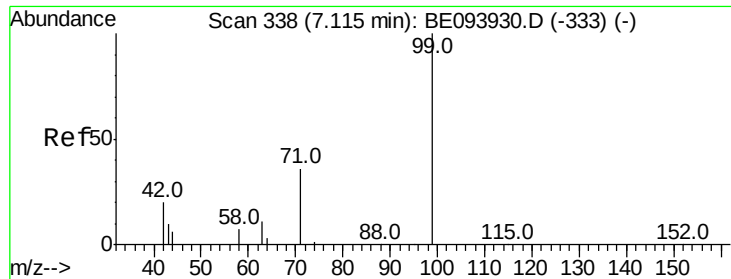


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.092 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

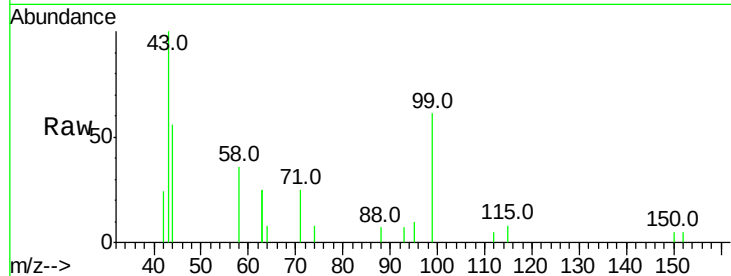
Tot Ion: 99 Resp: 1166

Ion Ratio Lower Upper

99 100

42 28.7 17.1 25.7#

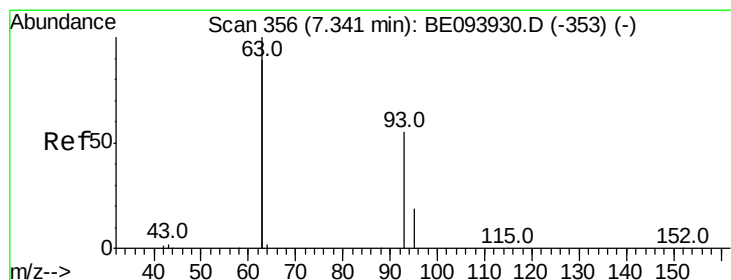
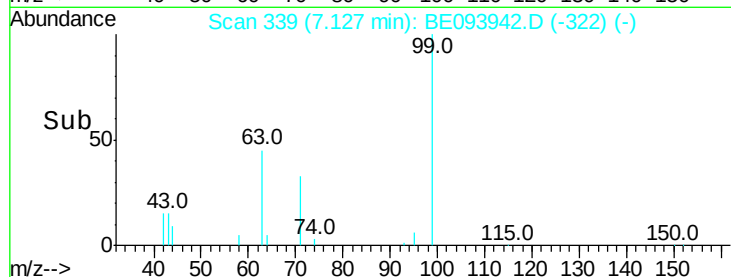
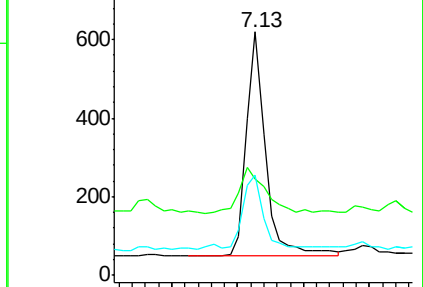
71 36.4 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.279 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

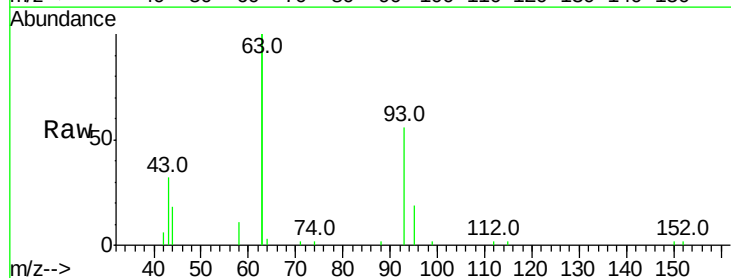
Tgt Ion: 93 Resp: 2883

Ion Ratio Lower Upper

93 100

63 344.5 283.4 425.2

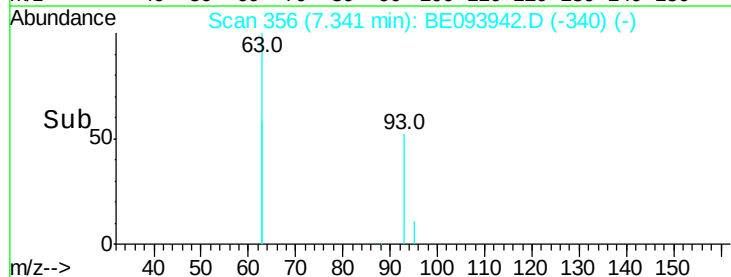
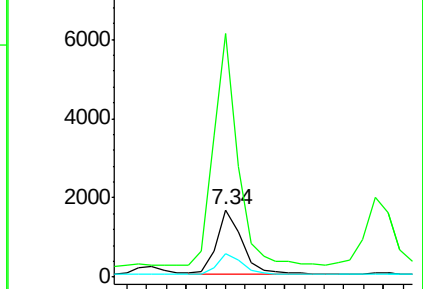
95 33.0 26.9 40.3

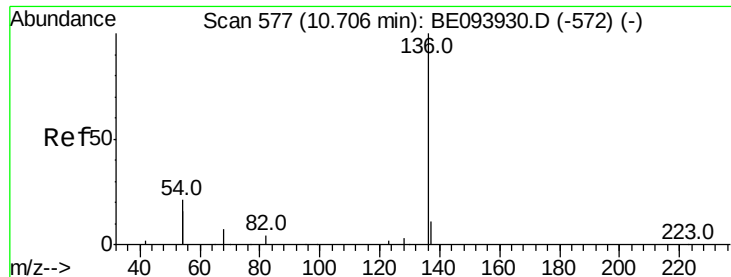


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

Tot Ion:136 Resp: 13053

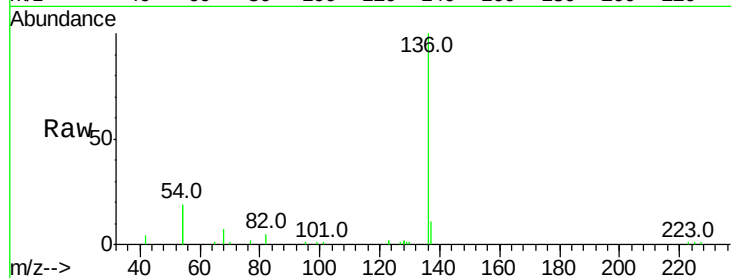
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 37.2 21.9 32.9#

68 7.0 4.6 7.0#

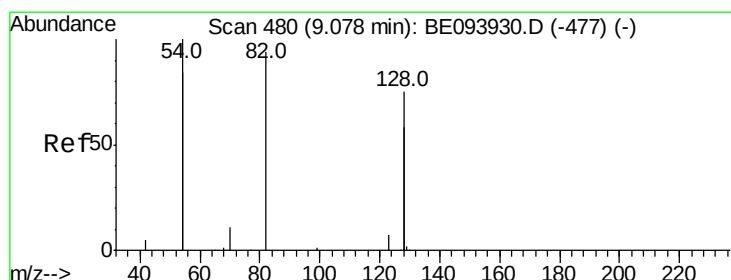
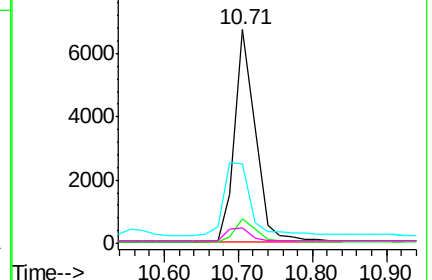
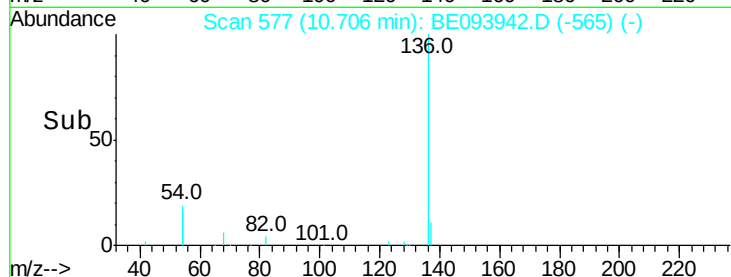


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

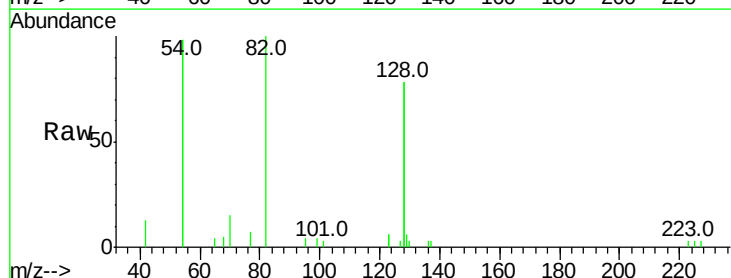
Tgt Ion: 82 Resp: 3565

Ion Ratio Lower Upper

82 100

128 156.0 91.4 137.0#

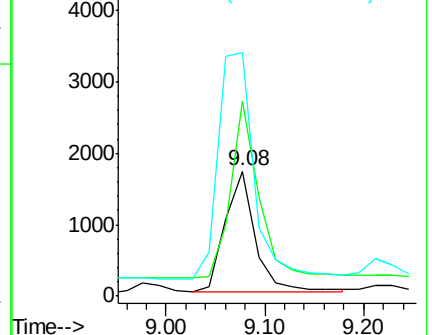
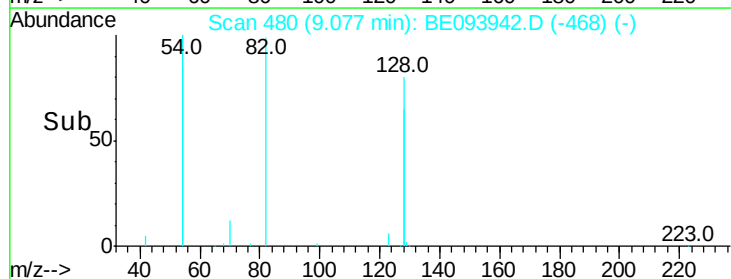
54 195.4 197.8 296.8#

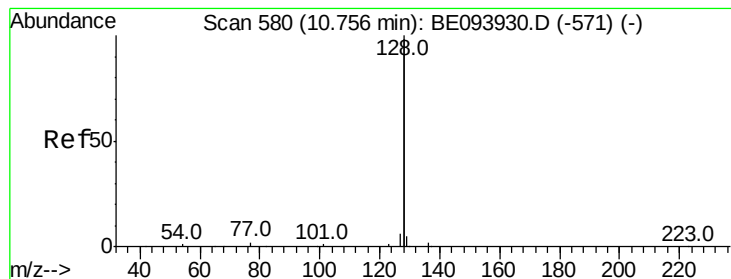


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.291 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

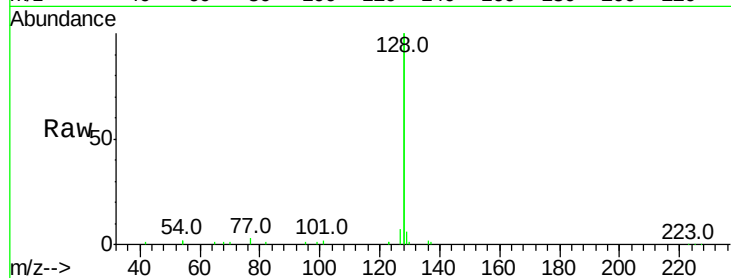
Tot Ion:128 Resp: 43585

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

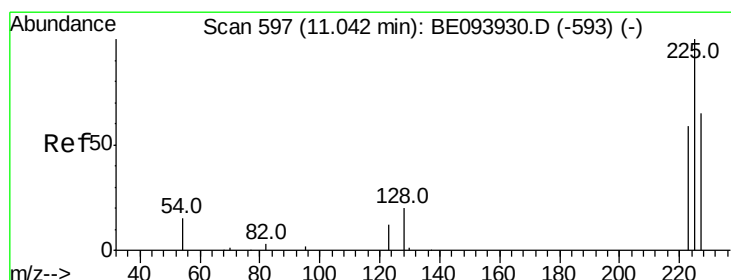
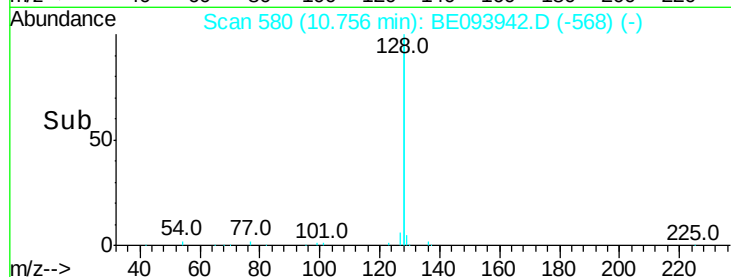
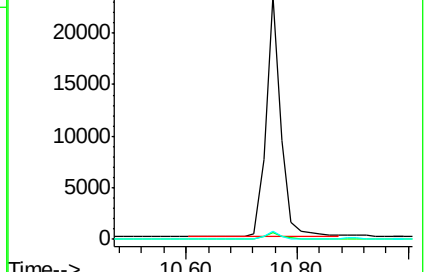
127 3.3 2.6 4.0



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: 0.271 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

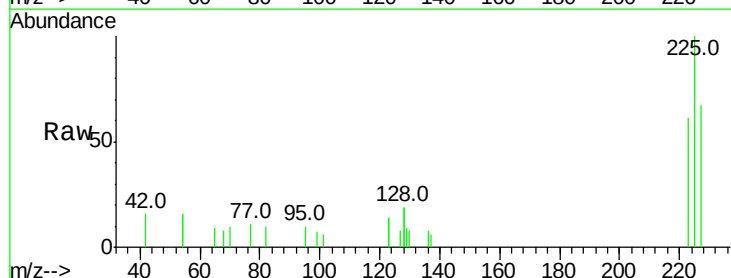
Tgt Ion:225 Resp: 1473

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.0

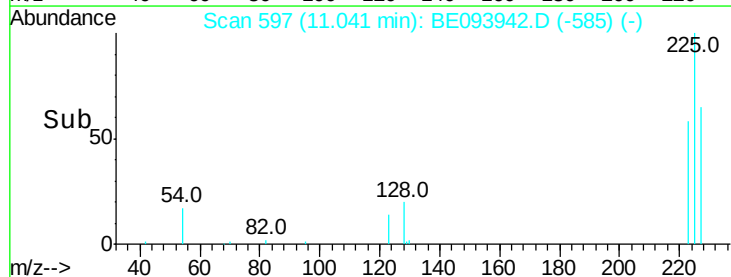
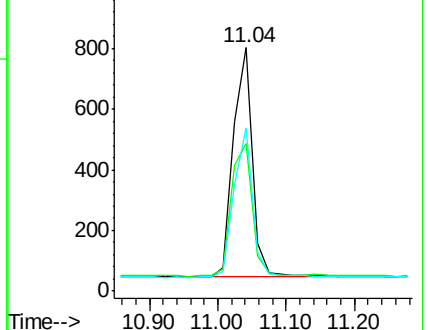
227 64.7 50.5 75.7

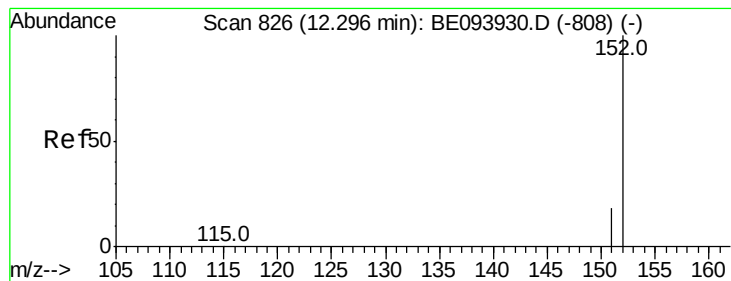


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

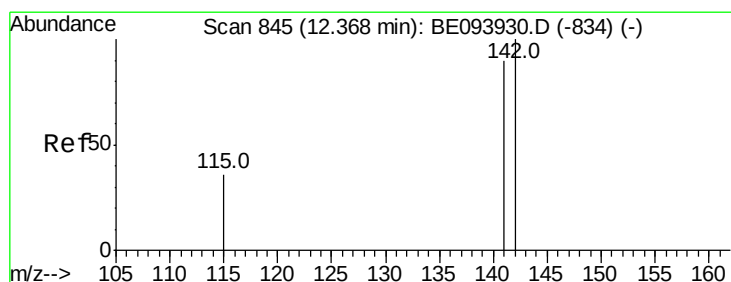
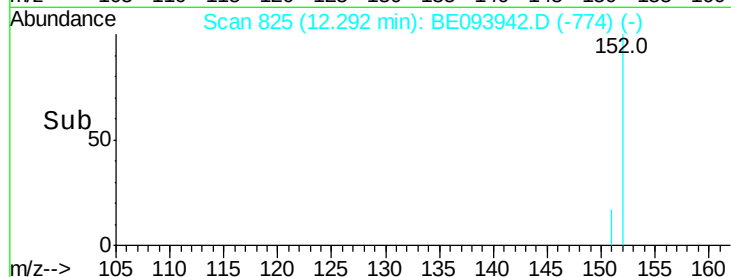
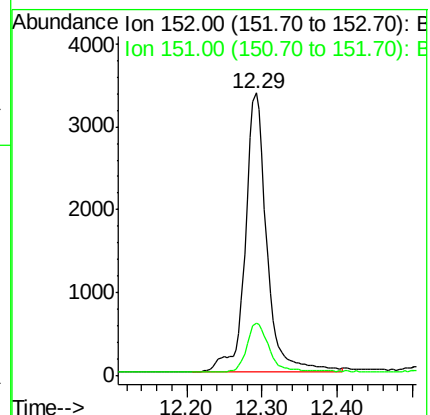
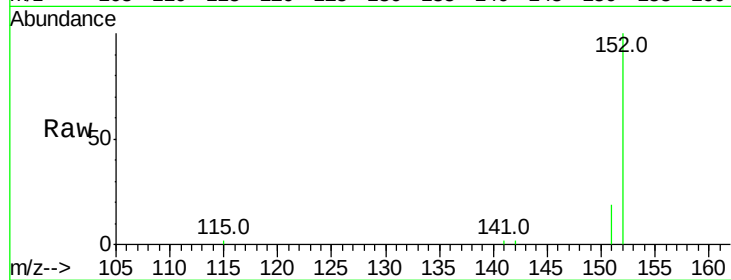
MWHR2-6MS

Tot Ion:152 Resp: 6641

Ion Ratio Lower Upper

152 100

151 17.6 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.296 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

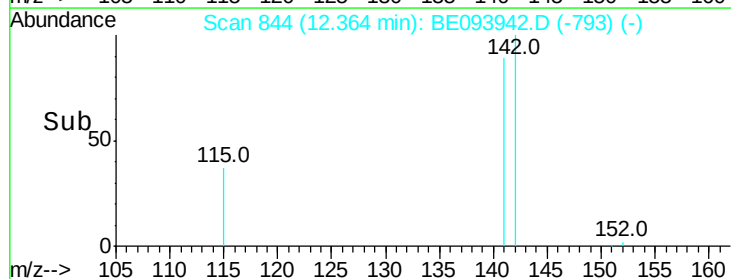
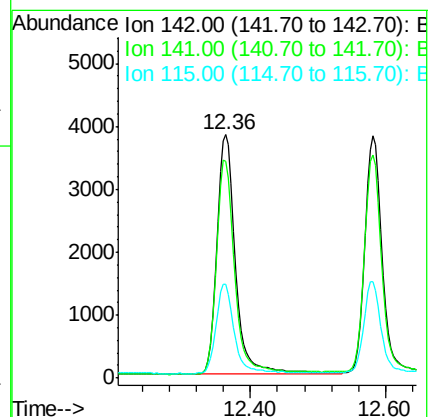
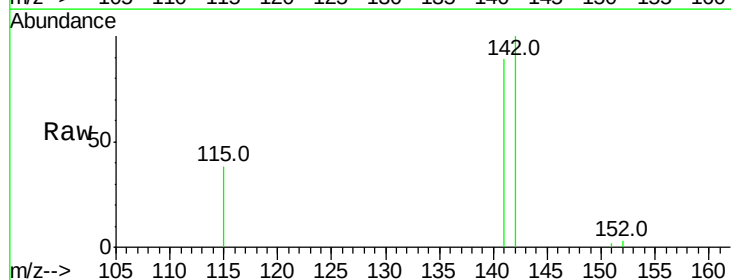
Tgt Ion:142 Resp: 7357

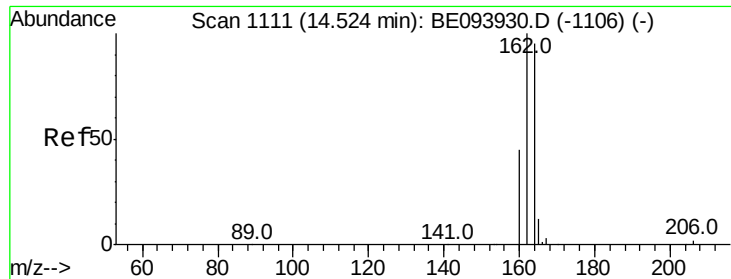
Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

115 38.5 29.4 44.0

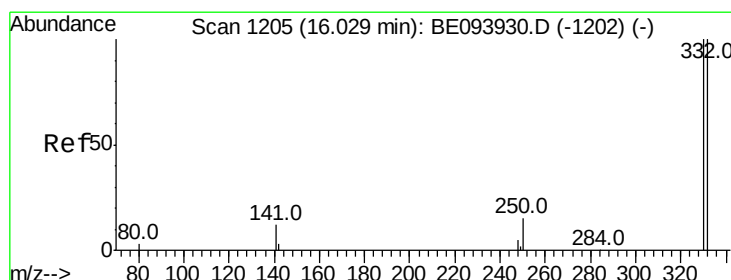
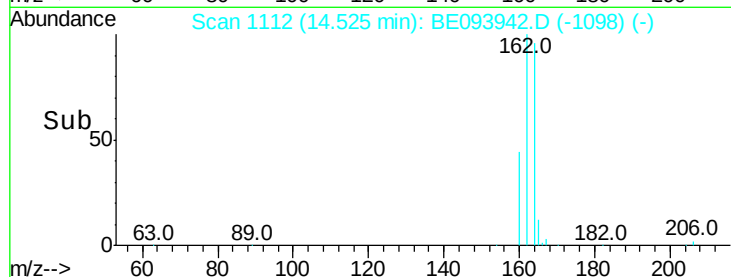
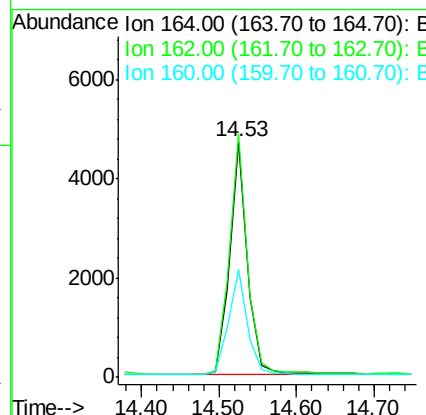
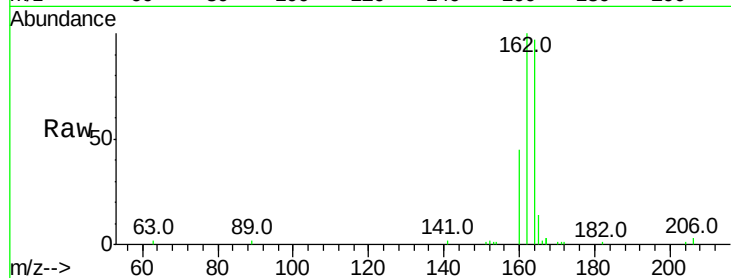




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093942.D
 Acq: 5 Sep 2017 18:24

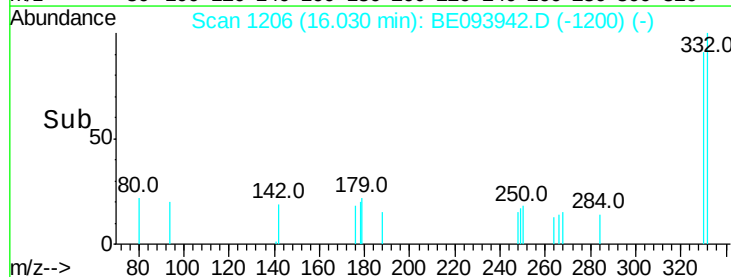
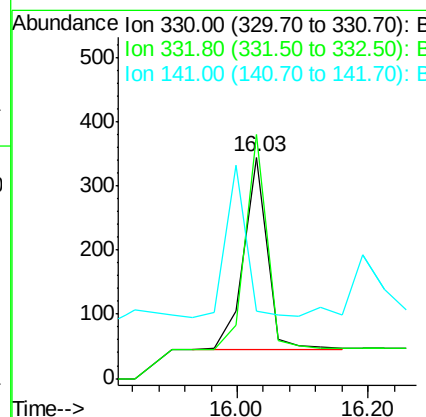
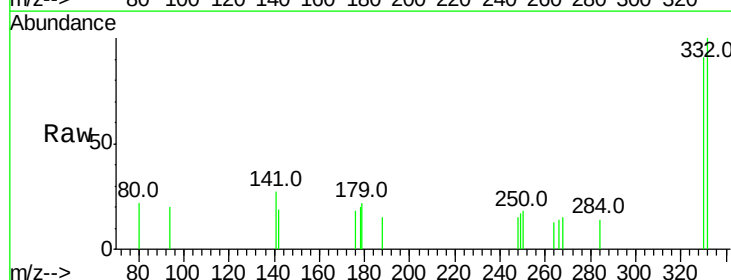
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MS

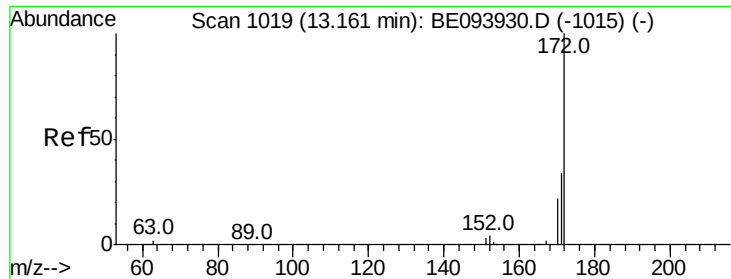
Tot Ion:164 Resp: 7510
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.8 121.2
 160 46.2 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.326 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093942.D
 Acq: 5 Sep 2017 18:24

Tgt Ion:330 Resp: 757
 Ion Ratio Lower Upper
 330 100
 332 104.4 76.9 115.3
 141 0.0 0.0 0.0

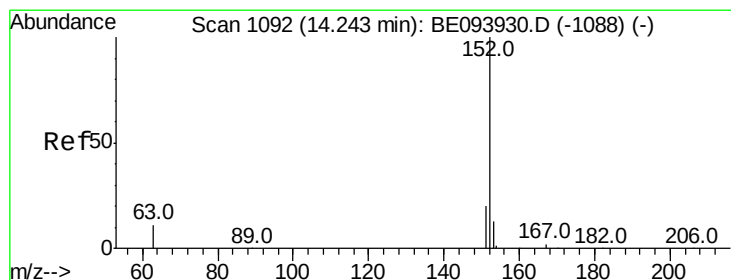
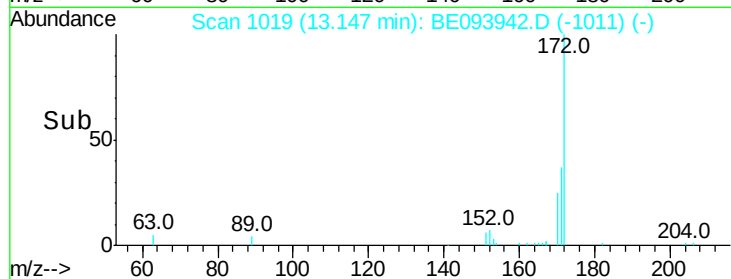
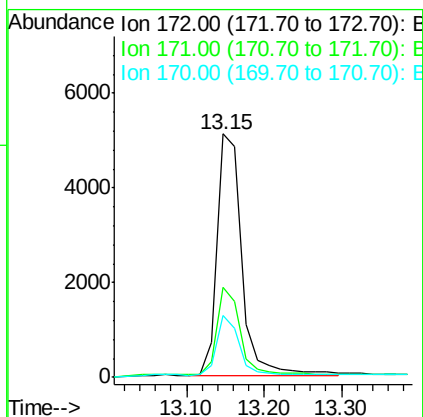
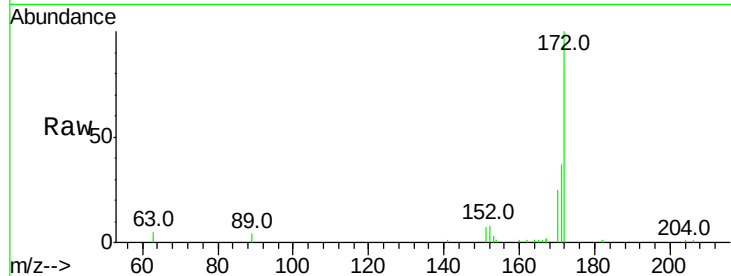




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093942.D
Acq: 5 Sep 2017 18:24

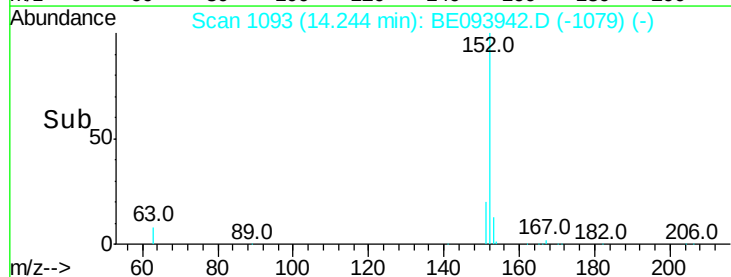
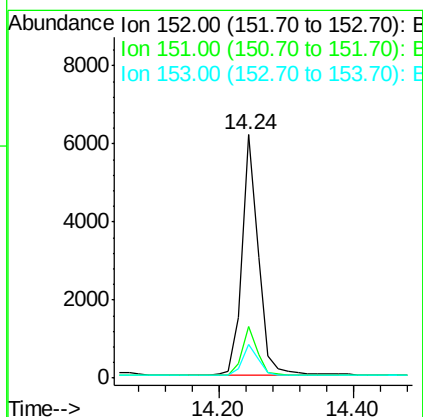
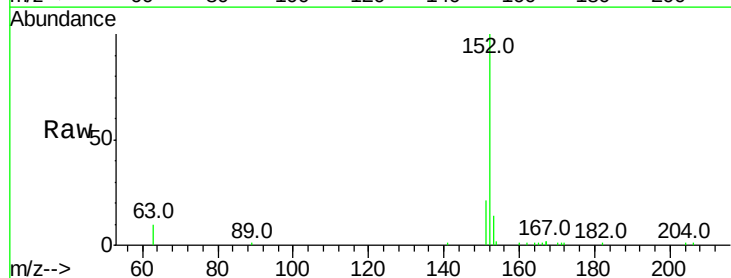
Instrument :
BNA_E
ClientSampleId :
MWHR2-6MS

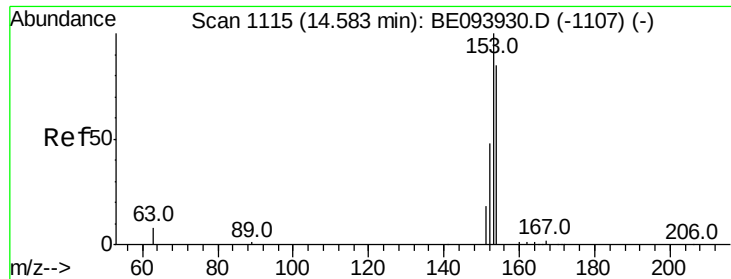
Tot Ion:172 Resp: 11229
Ion Ratio Lower Upper
172 100
171 36.8 26.9 40.3
170 25.5 17.3 25.9



#16
Acenaphthylene
Concen: 0.281 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093942.D
Acq: 5 Sep 2017 18:24

Tgt Ion:152 Resp: 10533
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 16.0

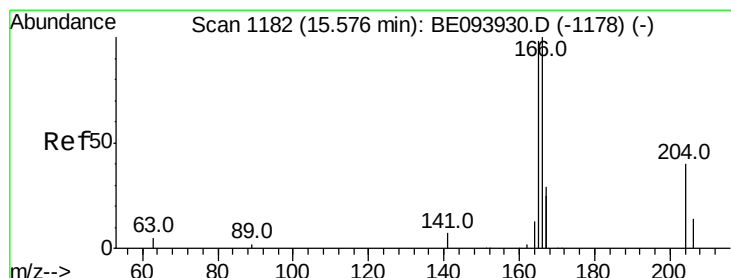
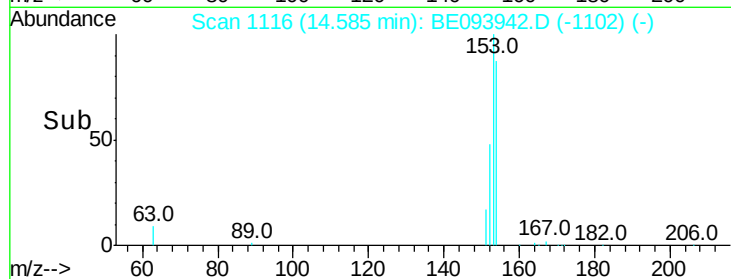
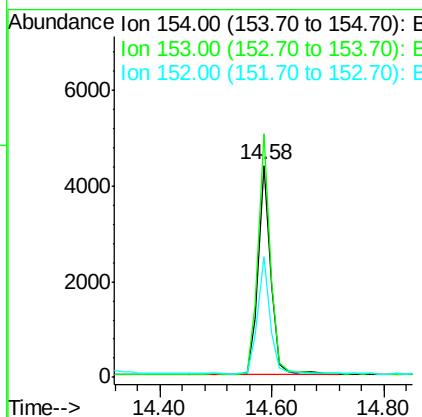
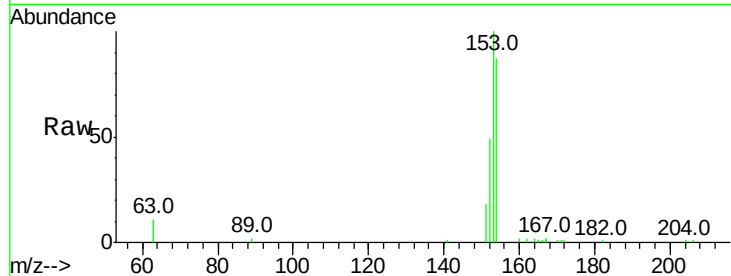




#17
Acenaphthene
Concen: 0.281 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093942.D
Acq: 5 Sep 2017 18:24

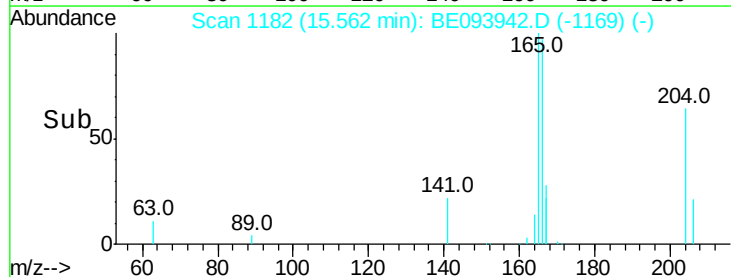
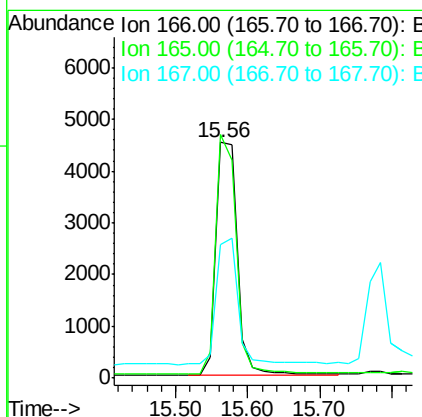
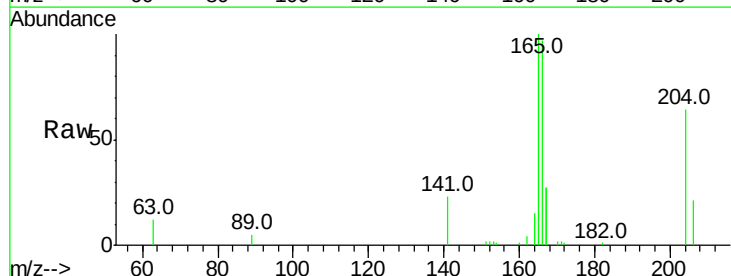
Instrument :
BNA_E
ClientSampleId :
MWHHR2-6MS

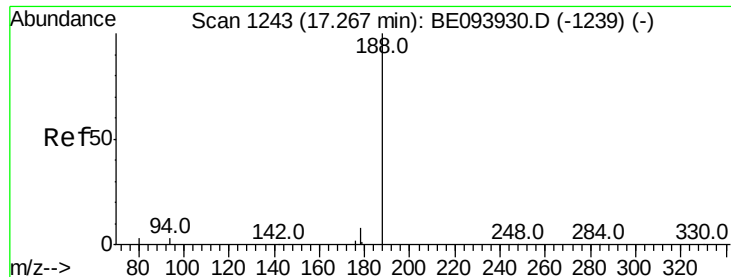
Tot Ion:154 Resp: 7113
Ion Ratio Lower Upper
154 100
153 111.4 91.8 137.6
152 54.5 44.9 67.3



#18
Fluorene
Concen: 0.283 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093942.D
Acq: 5 Sep 2017 18:24

Tgt Ion:166 Resp: 9233
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.0
167 55.6 43.5 65.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

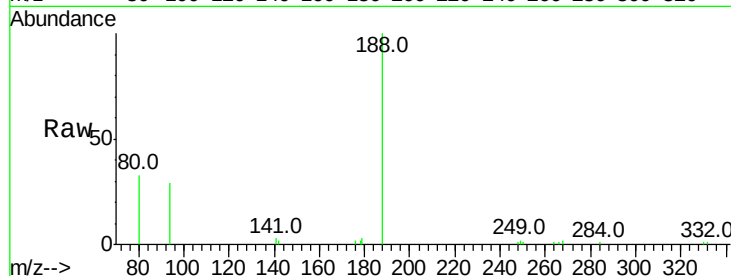
Tot Ion:188 Resp: 12469

Ion Ratio Lower Upper

188 100

94 28.6 16.1 24.1#

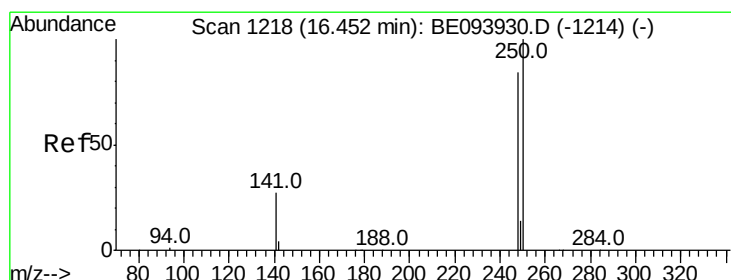
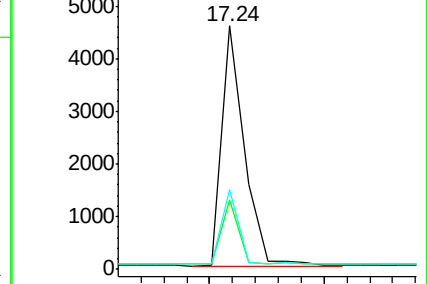
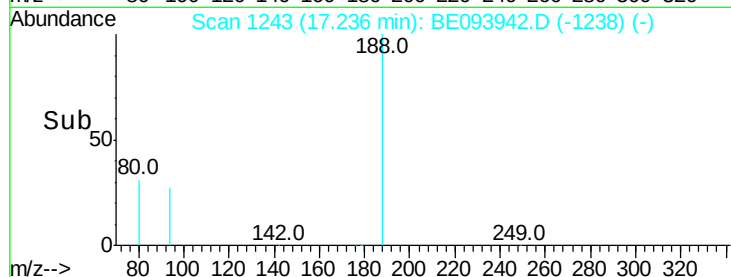
80 33.0 18.2 27.2#



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: 0.183 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

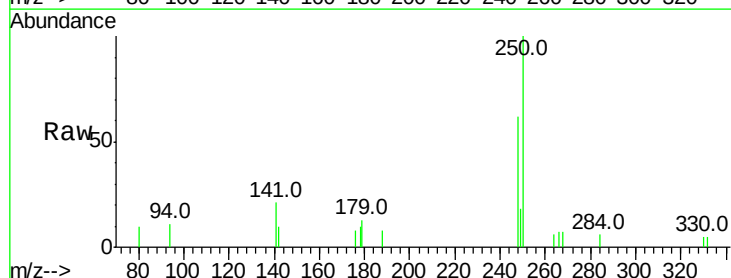
Tgt Ion:248 Resp: 1643

Ion Ratio Lower Upper

248 100

250 161.4 111.8 167.8

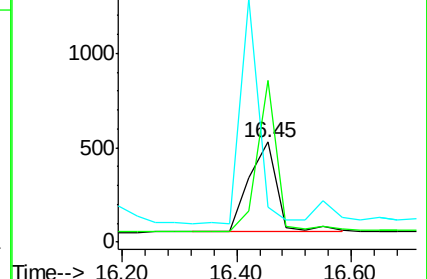
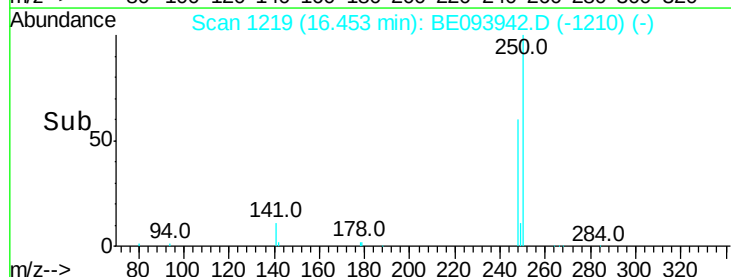
141 34.5 27.1 40.7

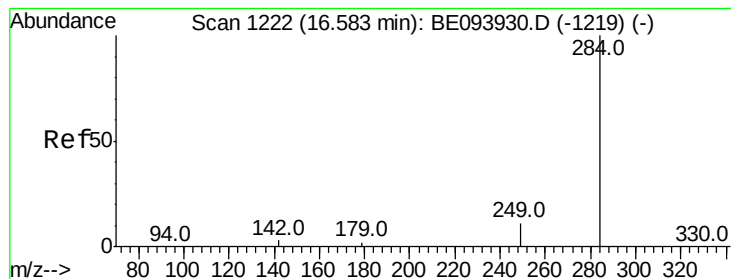


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.263 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

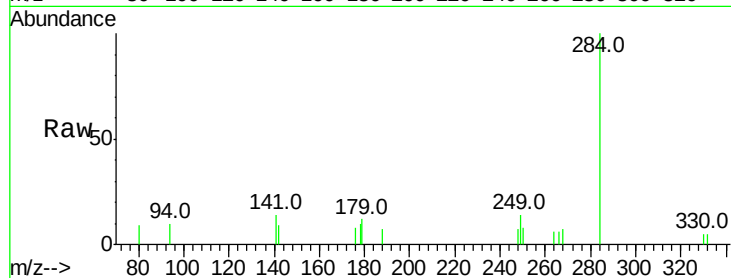
Tot Ion:284 Resp: 1938

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

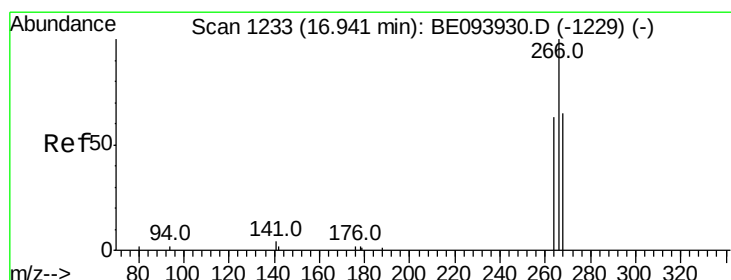
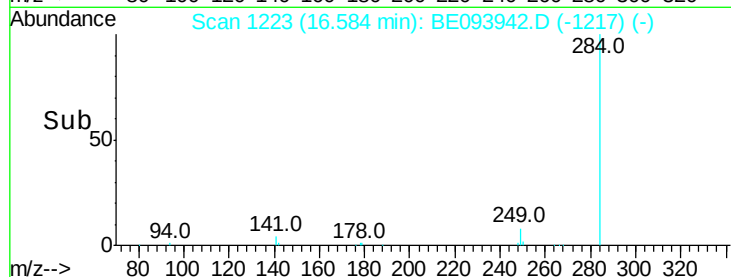
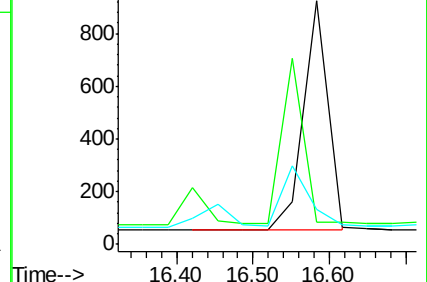
249 0.0 0.0 0.0



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: 0.717 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

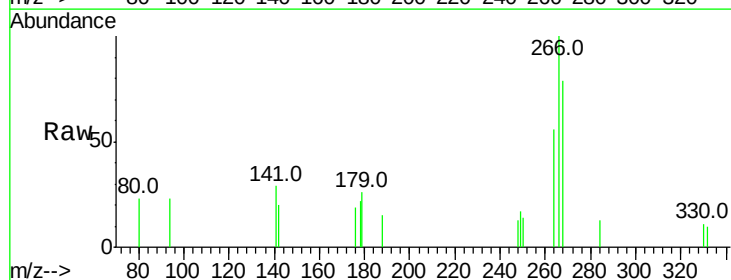
Tgt Ion:266 Resp: 1418

Ion Ratio Lower Upper

266 100

264 55.8 53.5 80.3

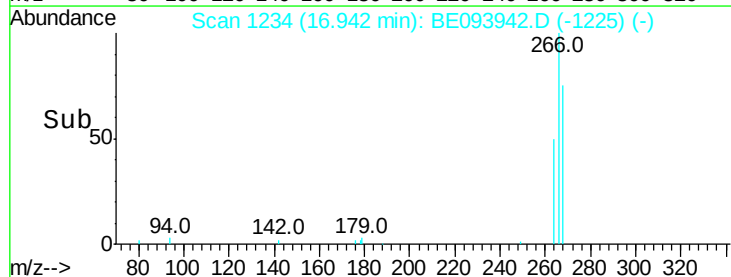
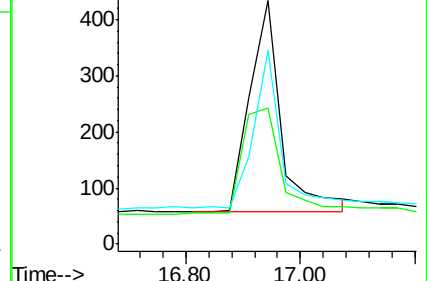
268 79.5 60.0 90.0

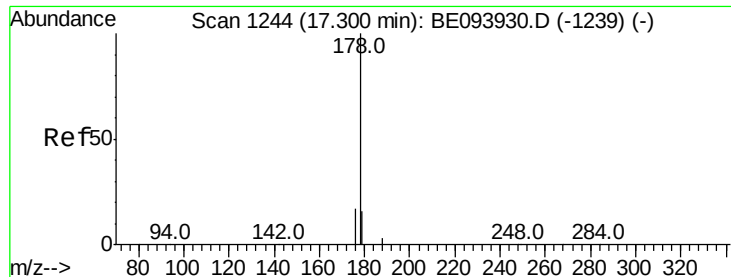


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.166 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

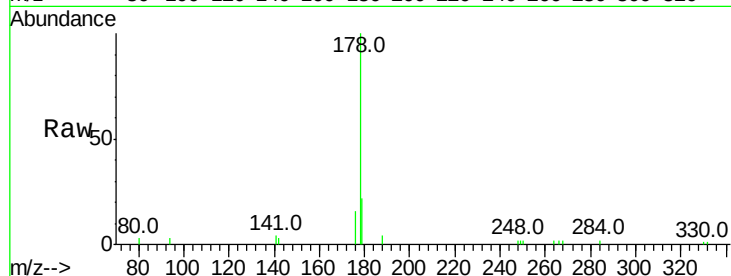
Tot Ion:178 Resp: 10130

Ion Ratio Lower Upper

178 100

176 18.4 0.0 0.0#

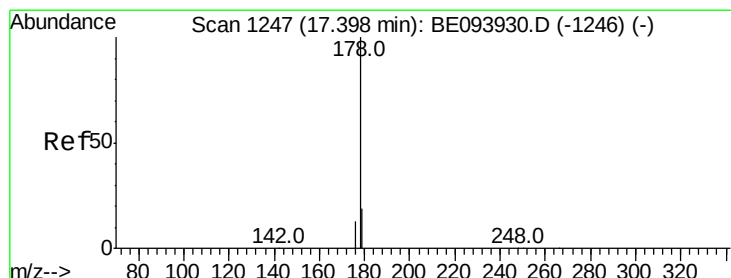
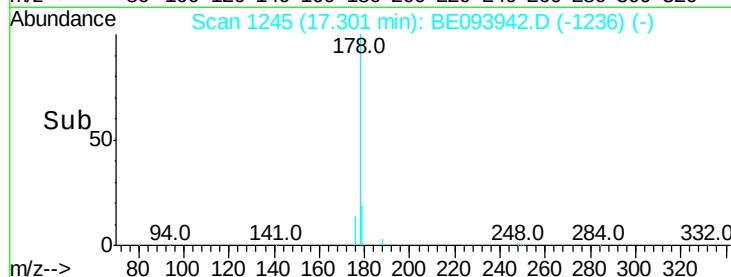
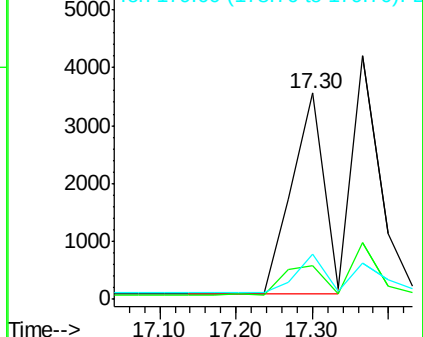
179 33.1 12.6 18.8#



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: 0.267 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

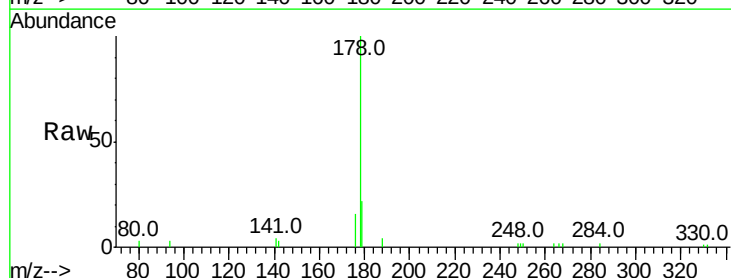
Tgt Ion:178 Resp: 10130

Ion Ratio Lower Upper

178 100

176 18.3 16.0 24.0

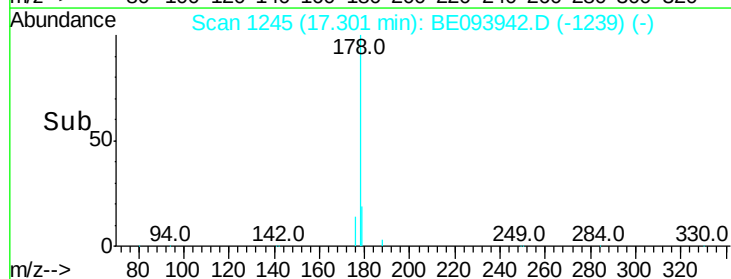
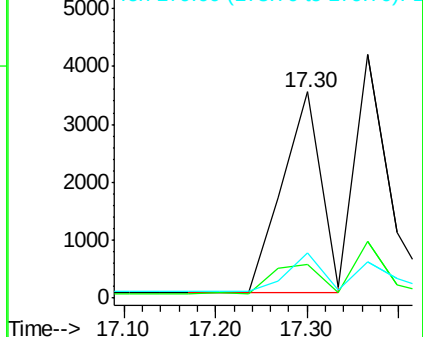
179 32.4 0.0 0.0#

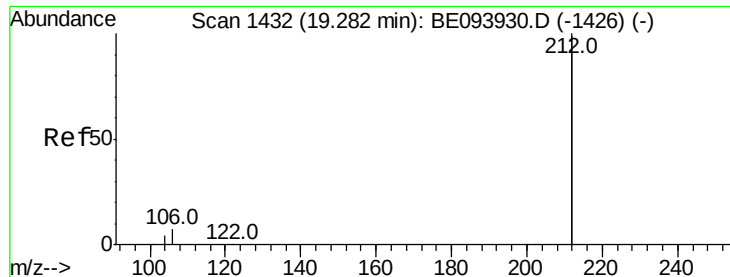


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

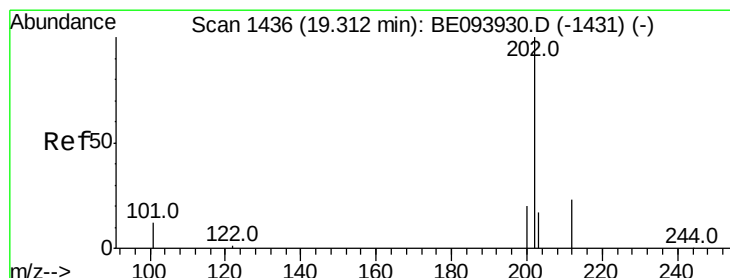
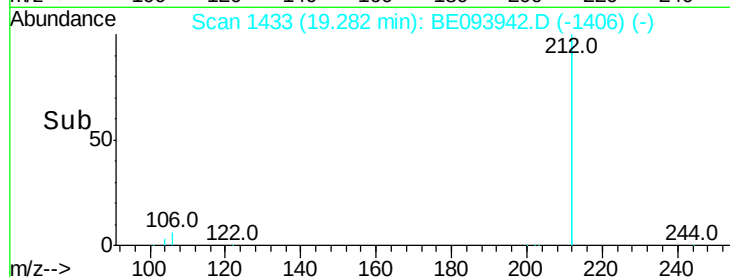
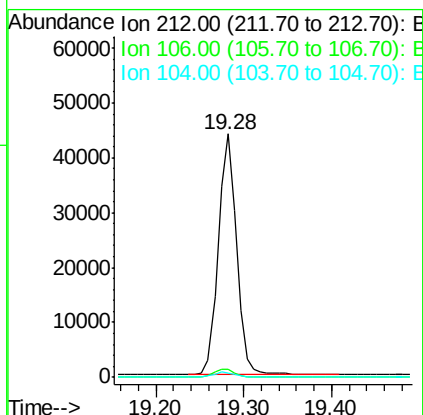
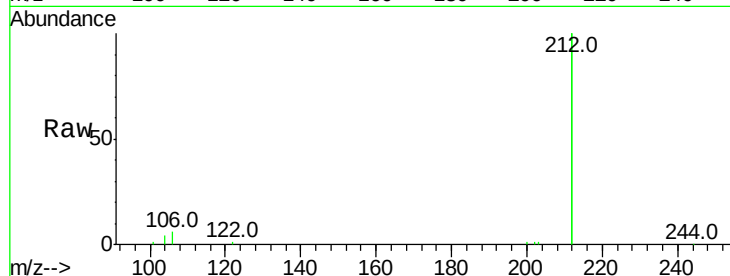




#25
 Fluoranthene-d10
 Concen: 0.344 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE093942.D
 Acq: 5 Sep 2017 18:24

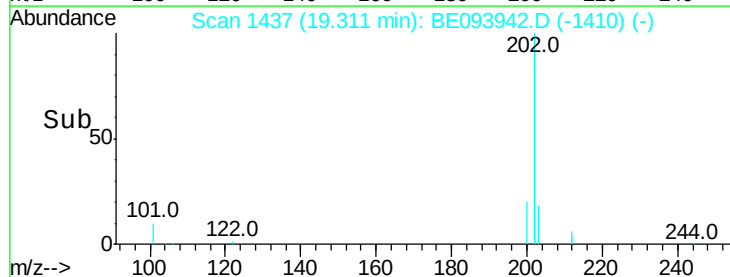
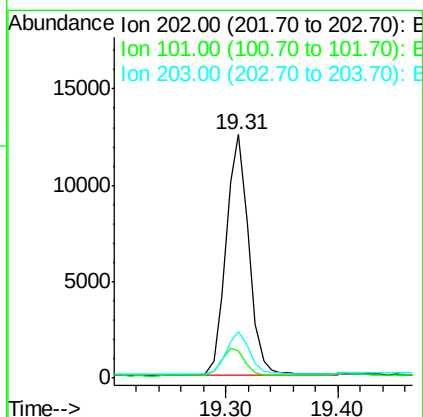
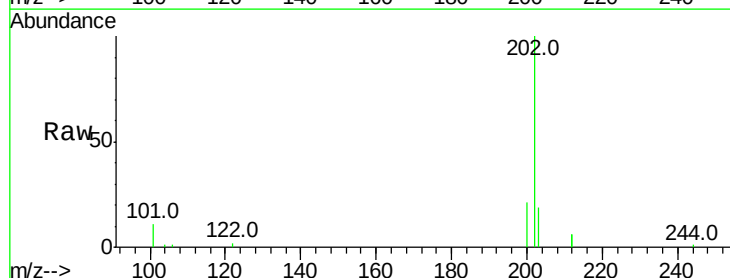
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MS

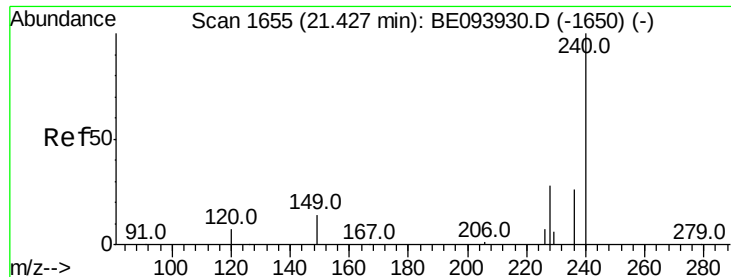
Tot Ion:212 Resp: 63822
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.315 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE093942.D
 Acq: 5 Sep 2017 18:24

Tgt Ion:202 Resp: 17478
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.7 14.5
 203 18.4 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

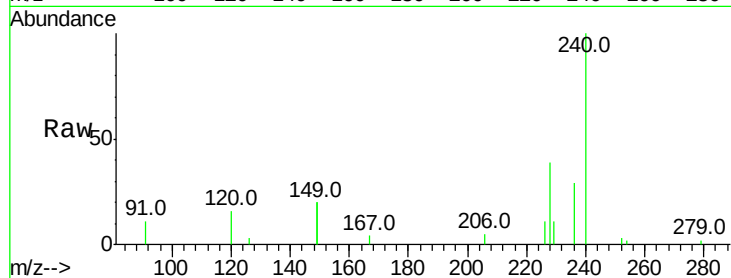
Tot Ion:240 Resp: 17965

Ion Ratio Lower Upper

240 100

120 15.9 8.7 13.1#

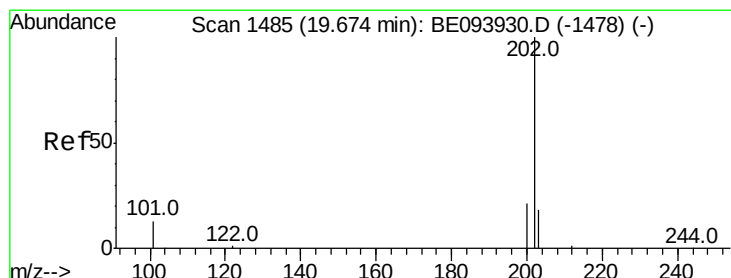
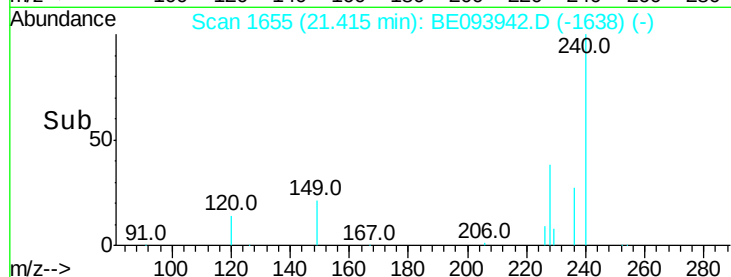
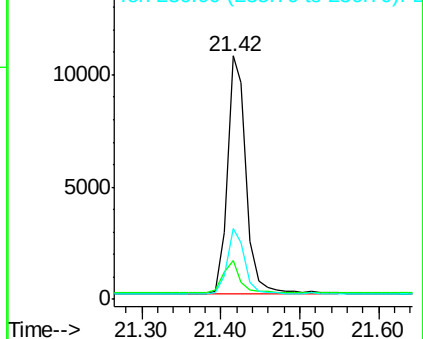
236 29.0 21.3 31.9



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: 0.288 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

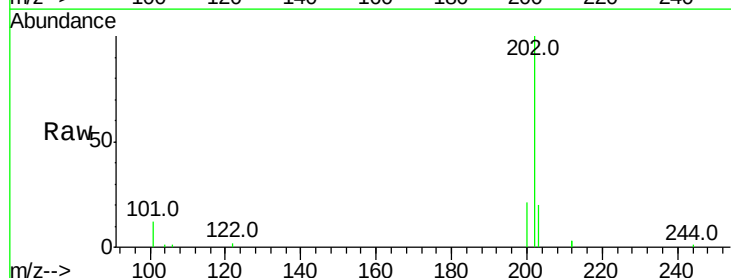
Tgt Ion:202 Resp: 17784

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

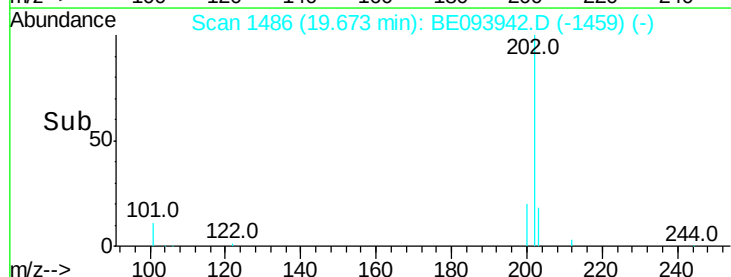
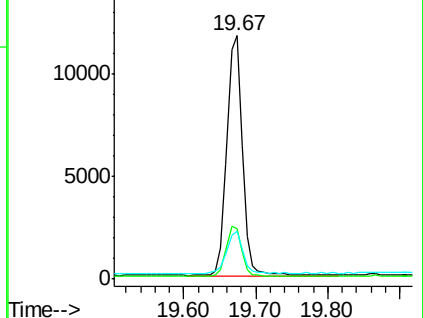
203 18.0 14.2 21.4

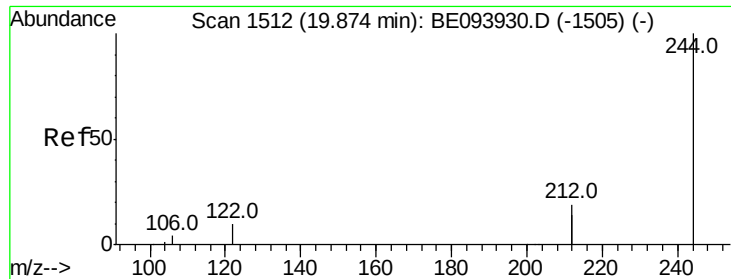


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.472 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

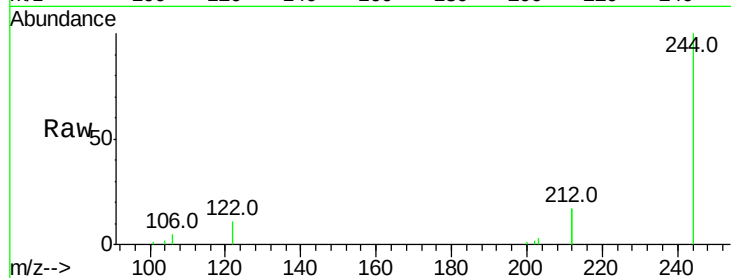
Tot Ion:244 Resp: 15607

Ion Ratio Lower Upper

244 100

212 34.7 28.3 42.5

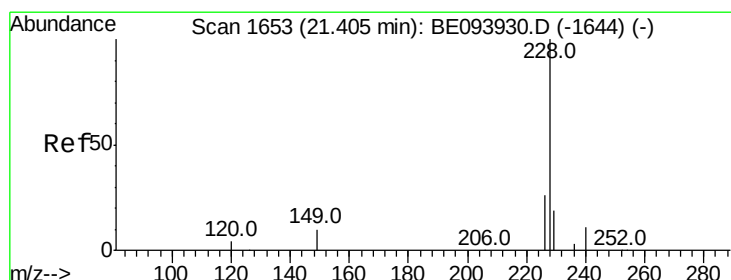
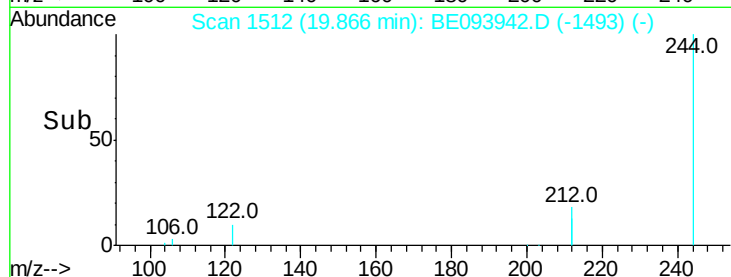
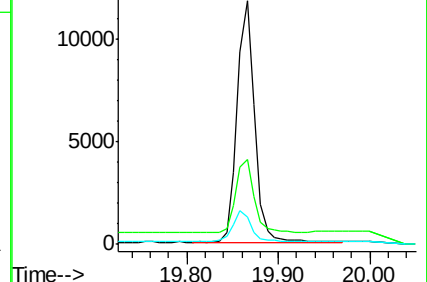
122 11.0 9.4 14.0



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: 0.286 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

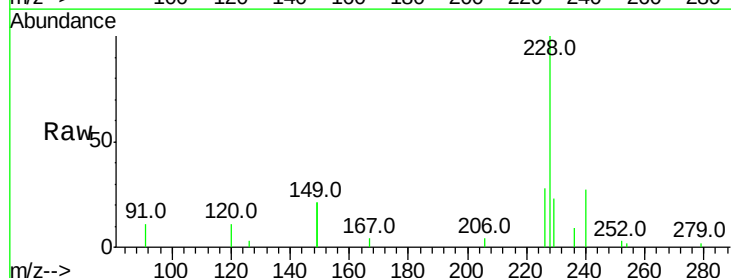
Tgt Ion:228 Resp: 15802

Ion Ratio Lower Upper

228 100

226 27.6 20.8 31.2

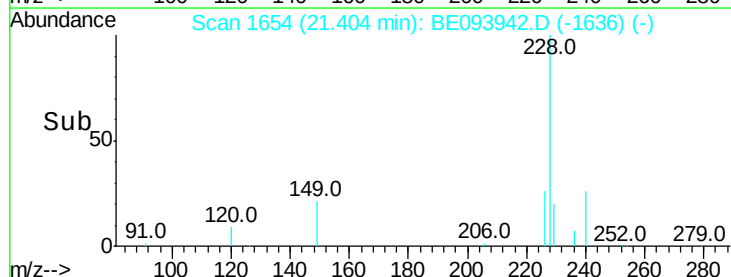
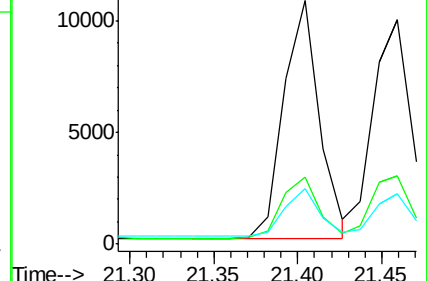
229 22.8 16.6 25.0

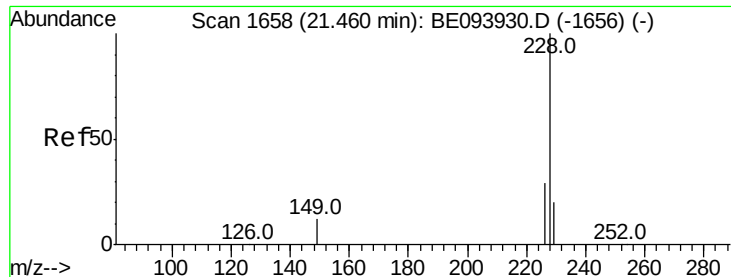


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.282 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

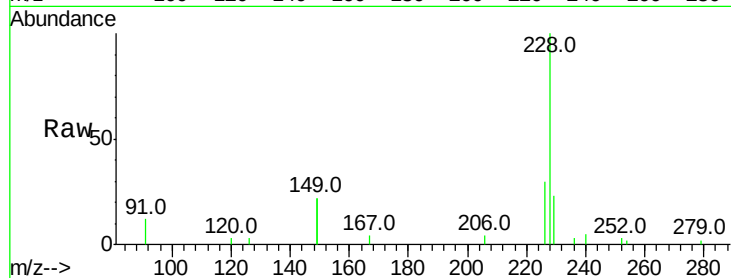
Tot Ion:228 Resp: 16468

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

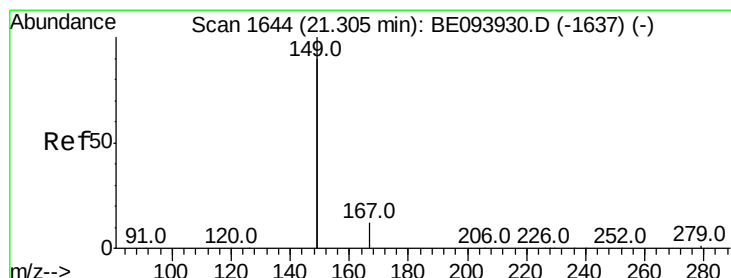
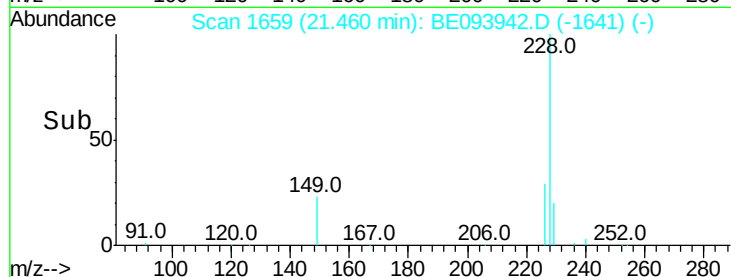
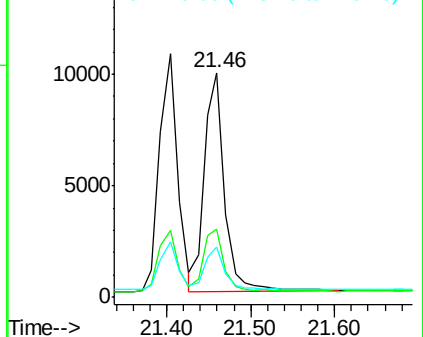
229 22.7 15.8 23.8



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: 0.626 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

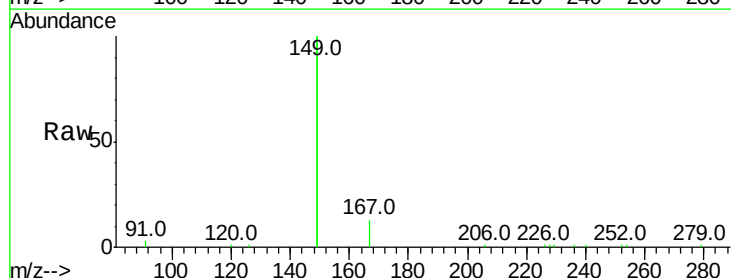
Tgt Ion:149 Resp: 83844

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

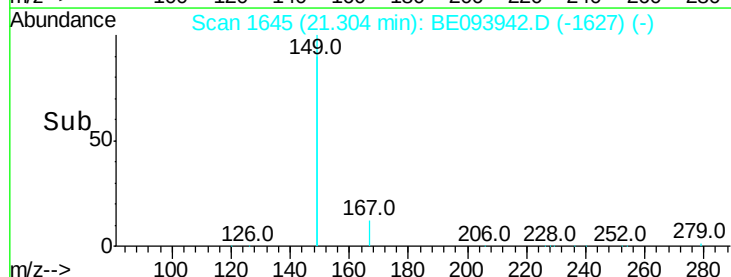
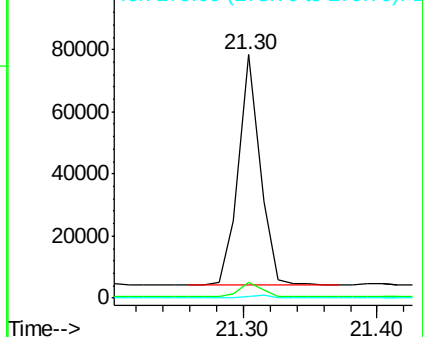
279 0.9 0.7 1.1

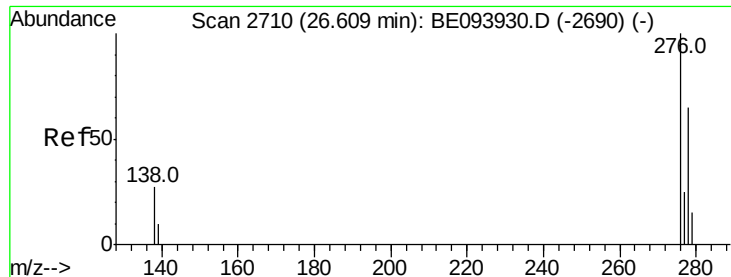


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

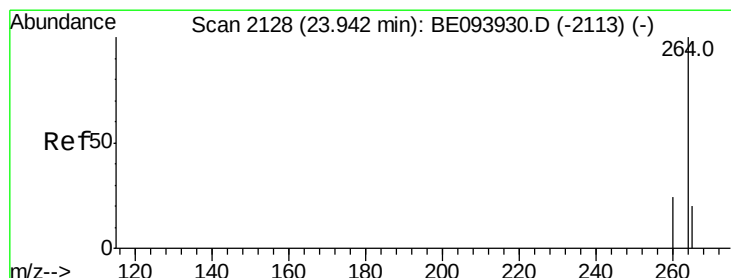
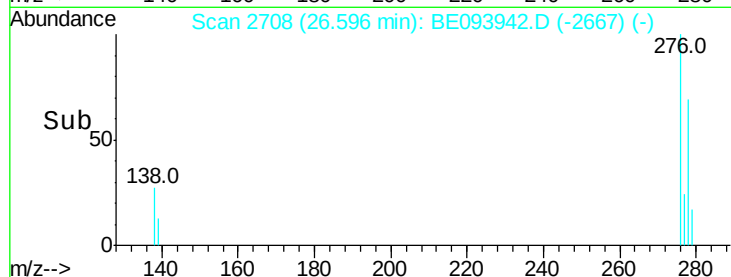
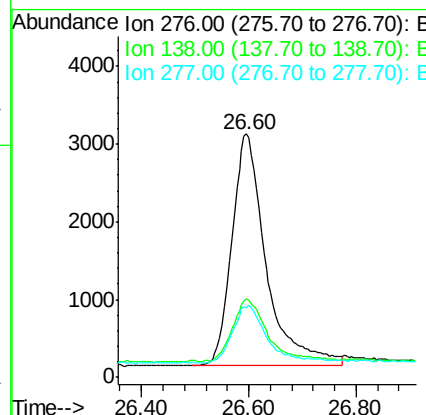
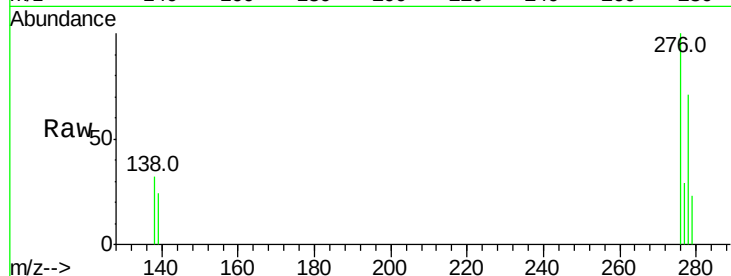




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.339 ng
 RT: 26.60 min Scan# 2708
 Delta R.T. -0.01 min
 Lab File: BE093942.D
 Acq: 5 Sep 2017 18:24

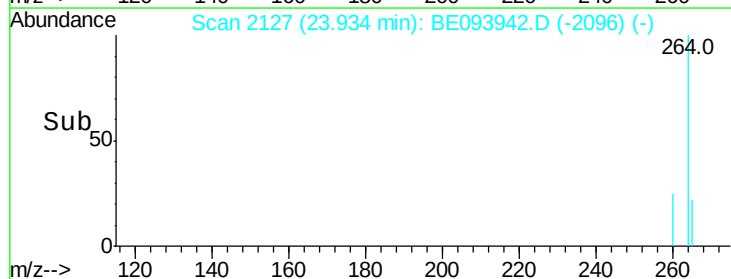
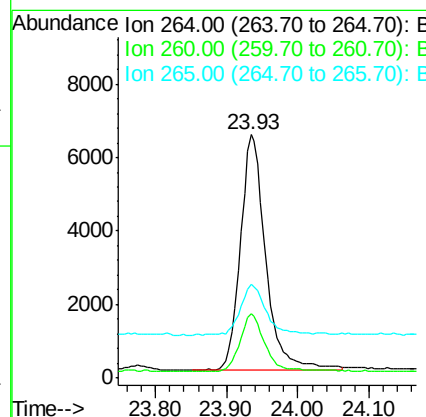
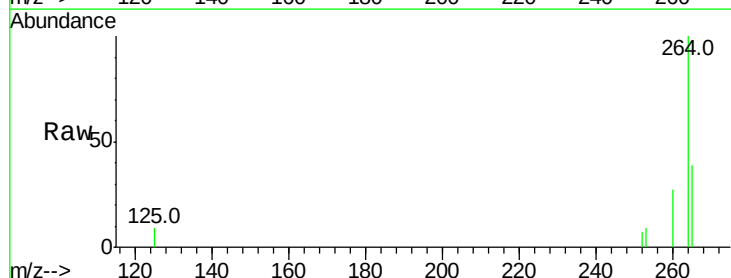
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-6MS

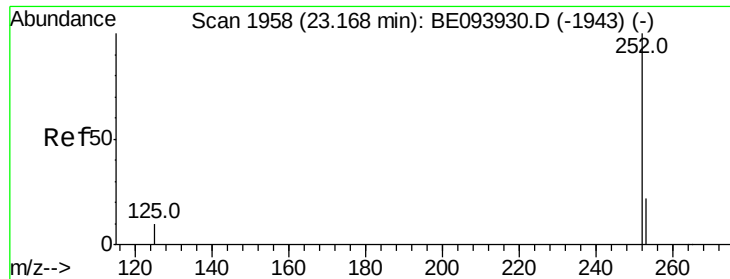
Tot Ion:276 Resp: 13200
 Ion Ratio Lower Upper
 276 100
 138 26.9 22.2 33.2
 277 25.0 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093942.D
 Acq: 5 Sep 2017 18:24

Tgt Ion:264 Resp: 15750
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.0 30.0
 265 38.6 24.0 36.0#





#35

Benzo(b)fluoranthene

Concen: 0.298 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

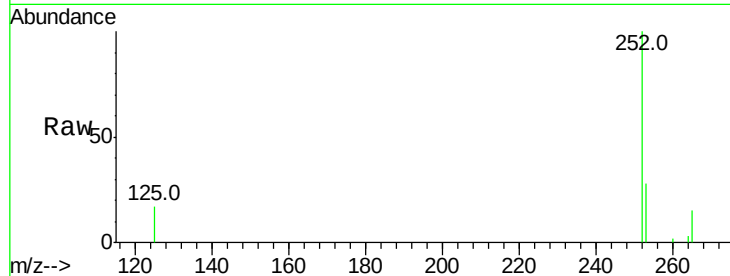
Tot Ion:252 Resp: 14963

Ion Ratio Lower Upper

252 100

253 28.1 19.4 29.0

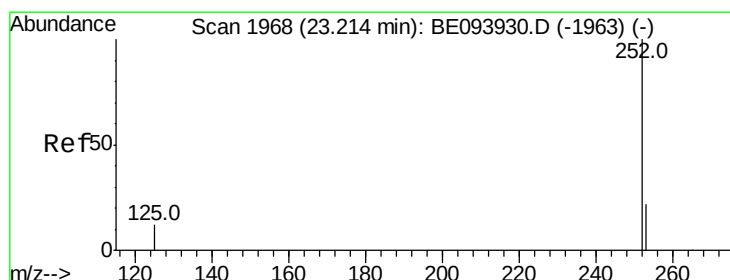
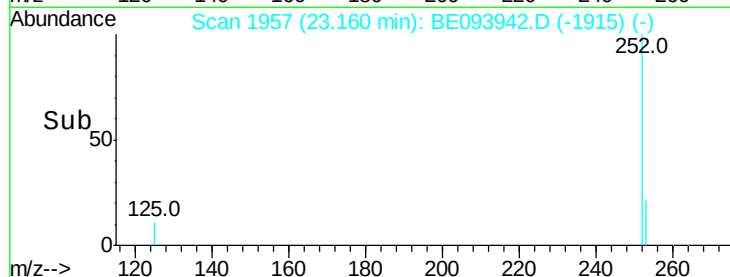
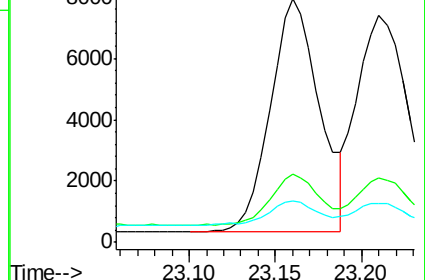
125 17.2 10.0 15.0#



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: 0.247 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

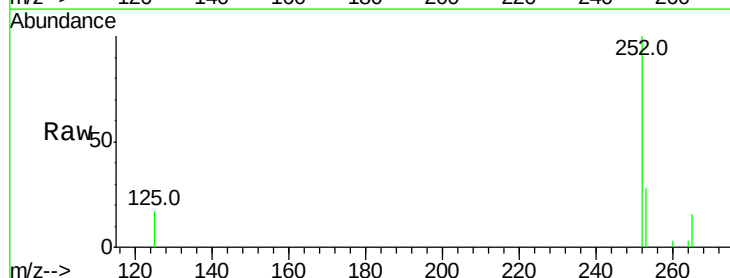
Tgt Ion:252 Resp: 15196

Ion Ratio Lower Upper

252 100

253 28.4 18.1 27.1#

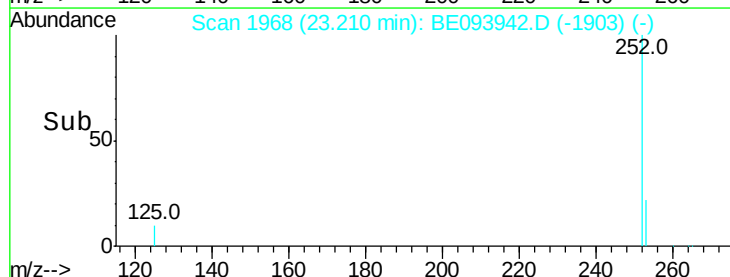
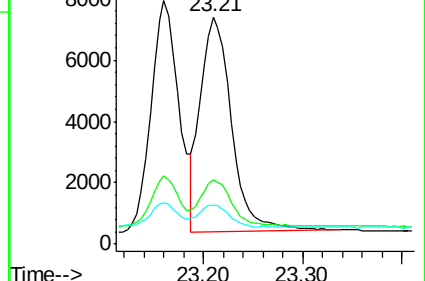
125 16.8 9.8 14.6#

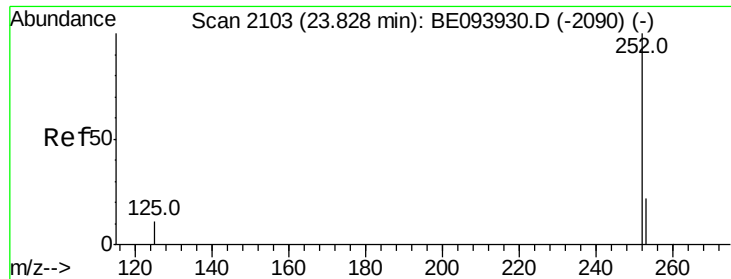


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

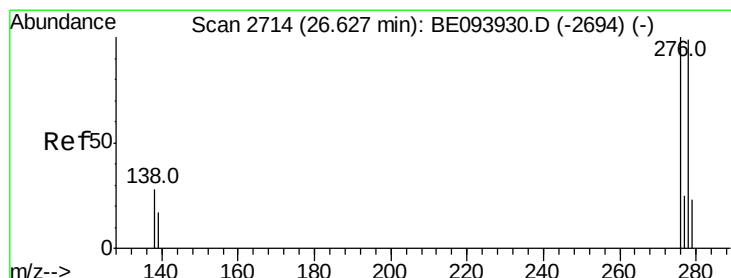
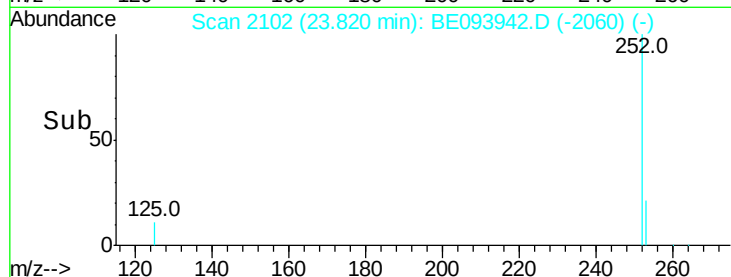
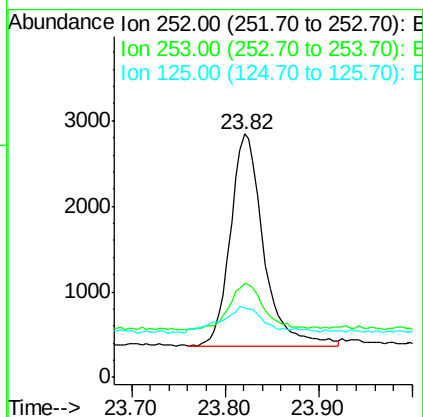
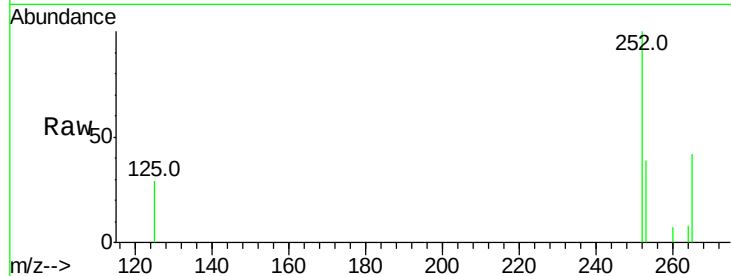




#37
Benzo(a)pyrene
Concen: 0.120 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093942.D
Acq: 5 Sep 2017 18:24

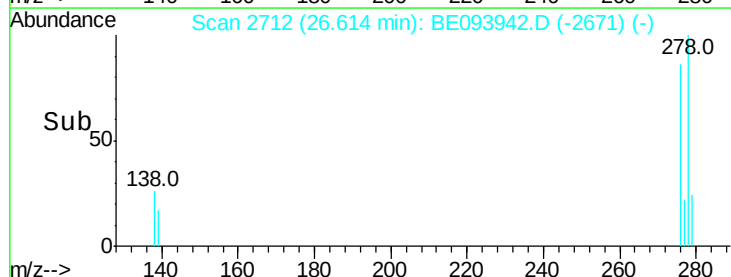
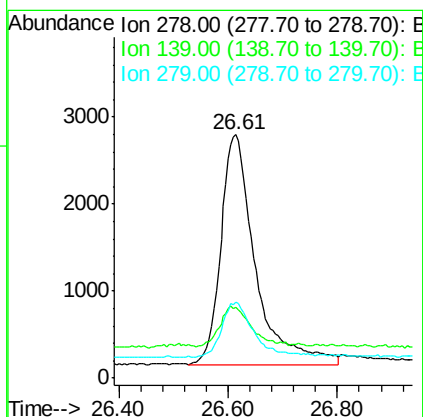
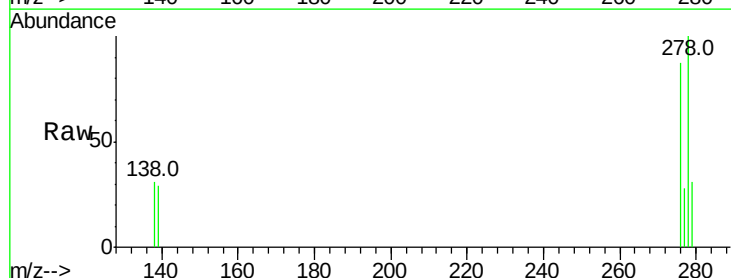
Instrument :
BNA_E
ClientSampleId :
MWHR2-6MS

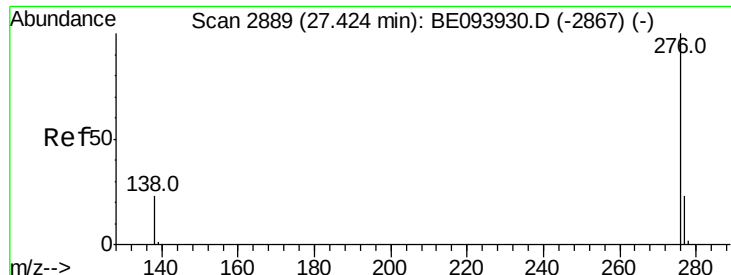
Tot Ion:252 Resp: 6103
Ion Ratio Lower Upper
252 100
253 38.8 19.6 29.4#
125 28.6 11.8 17.8#



#38
Dibenzo(a,h)anthracene
Concen: 0.341 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE093942.D
Acq: 5 Sep 2017 18:24

Tgt Ion:278 Resp: 11540
Ion Ratio Lower Upper
278 100
139 29.2 16.7 25.1#
279 31.2 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.239 ng

RT: 27.42 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BE093942.D

Acq: 5 Sep 2017 18:24

Instrument :

BNA_E

ClientSampleId :

MWHR2-6MS

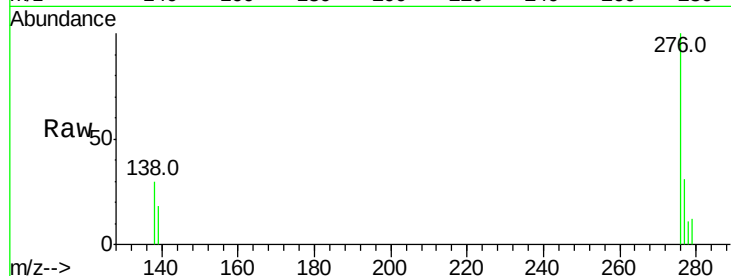
Tot Ion:276 Resp: 8552

Ion Ratio Lower Upper

276 100

277 30.6 20.6 30.8

138 29.8 21.9 32.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

