

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094008.D
 Acq On : 14 Sep 2017 16:38
 Operator : SJ/JU
 Sample : I5189-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-090717

Quant Time: Sep 15 00:51:46 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

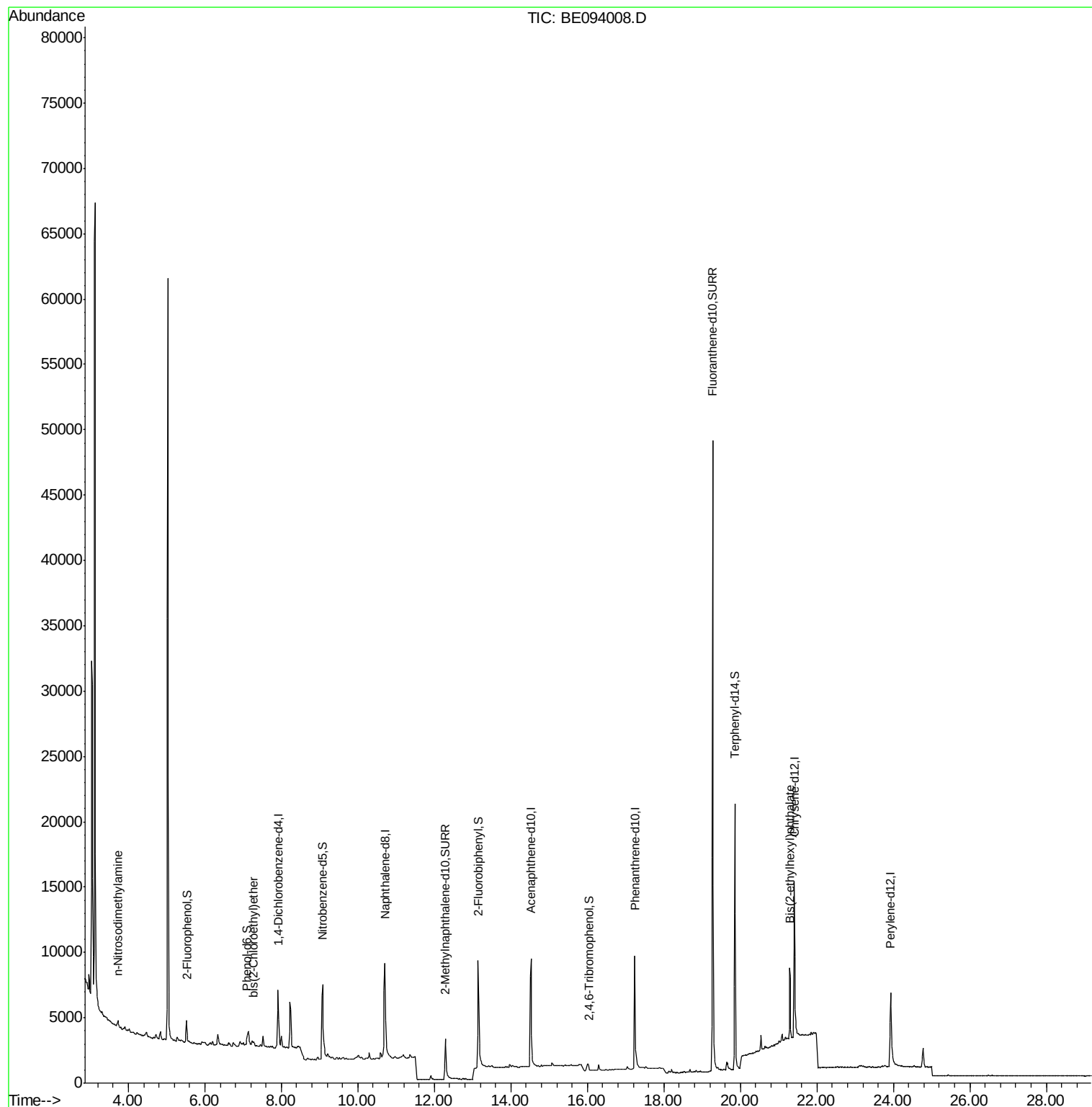
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2241	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10967	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6612	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16493	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	14792	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11995	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1123	0.15	ng	0.00
5) Phenol-d6	7.11	99	1052	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	3485	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6287	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	675	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10644	0.41	ng	-0.01
25) Fluoranthene-d10	19.27	212	71642	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	19878	0.73	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.72	42	166	0.046	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	505	0.057	ng	# 1
20) 4-Bromophenyl-phenylether	16.32	248	10	Below Cal	#	32
23) Phenanthrene	17.27	178	667	Below Cal	#	63
32) Bis(2-ethylhexyl)phthalate	21.29	149	7513	0.068	ng	# 99

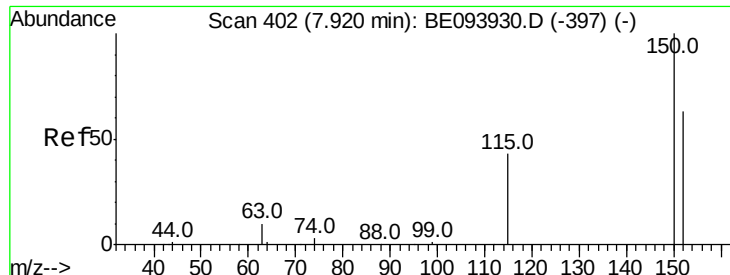
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 05 13:34:56 2017
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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: BE094008.D

Acq: 14 Sep 2017 16:38

Instrument :

BNA_E

ClientSampleId :

C-MW-11-090717

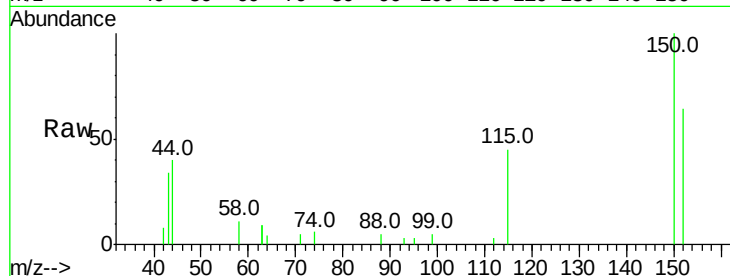
Tot Ion:152 Resp: 2241

Ion Ratio Lower Upper

152 100

150 156.2 121.8 182.6

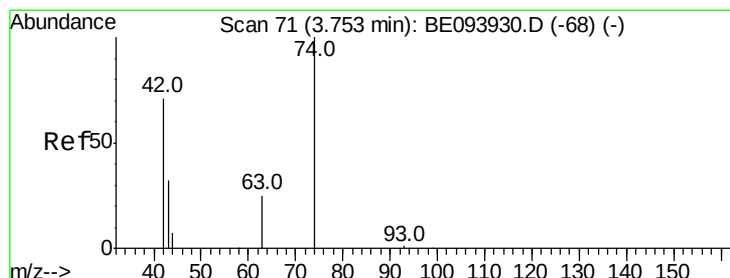
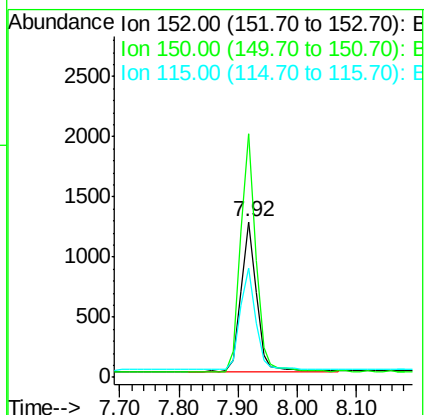
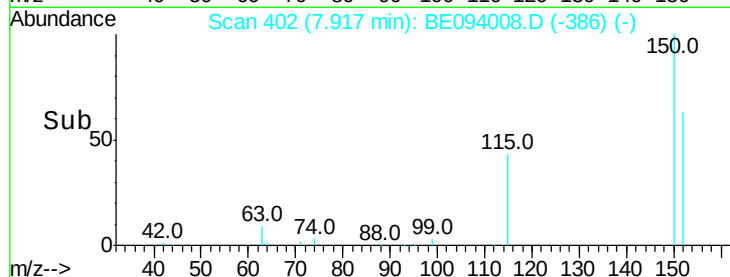
115 70.4 52.6 79.0



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



#3

n-Nitrosodimethylamine

Concen: 0.046 ng

RT: 3.72 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

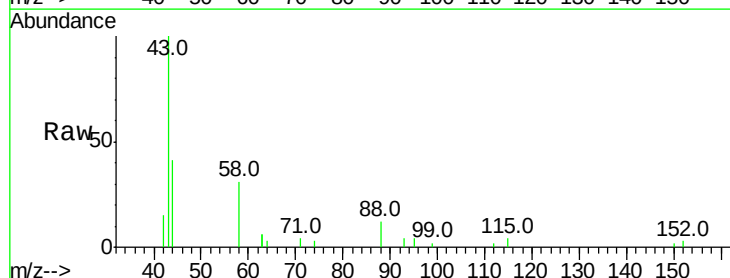
Tgt Ion: 42 Resp: 166

Ion Ratio Lower Upper

42 100

74 3.0 104.0 156.0#

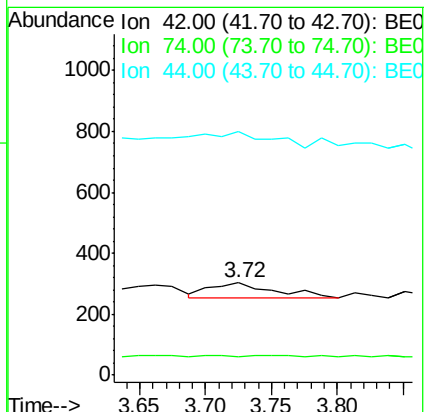
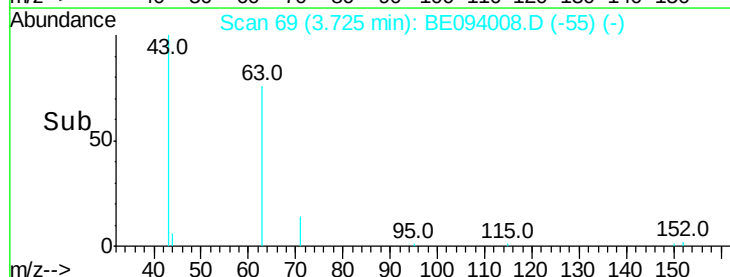
44 0.0 13.8 20.8#

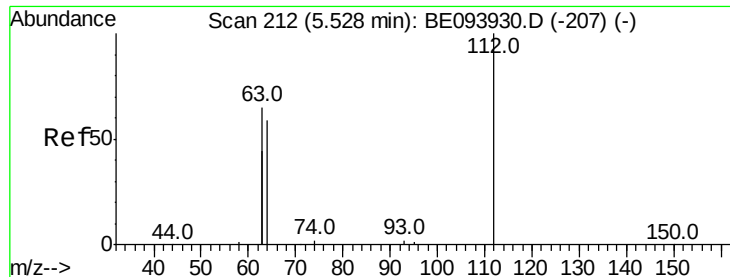


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

Instrument :

BNA_E

ClientSampleId :

C-MW-11-090717

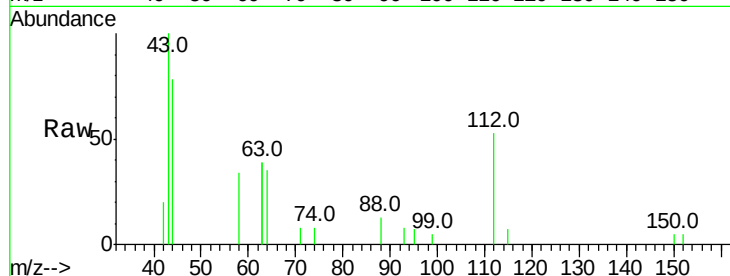
Tot Ion: 112 Resp: 1123

Ion Ratio Lower Upper

112 100

64 77.6 57.7 86.5

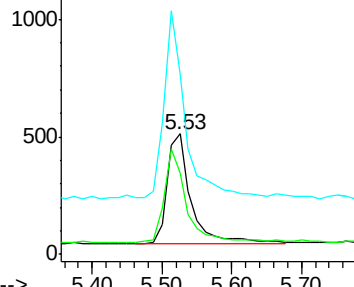
63 153.1 116.0 174.0



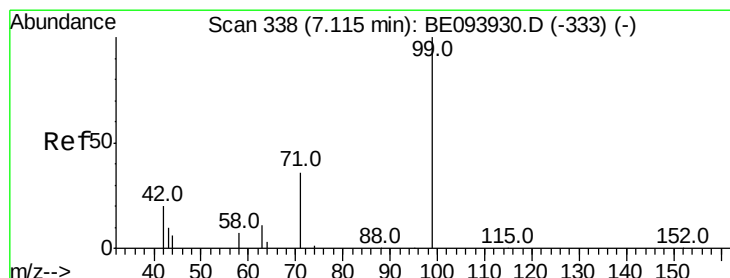
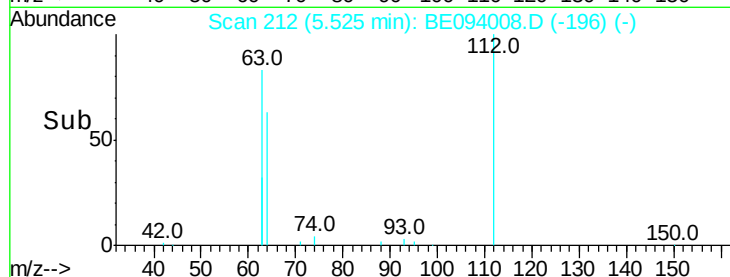
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.097 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

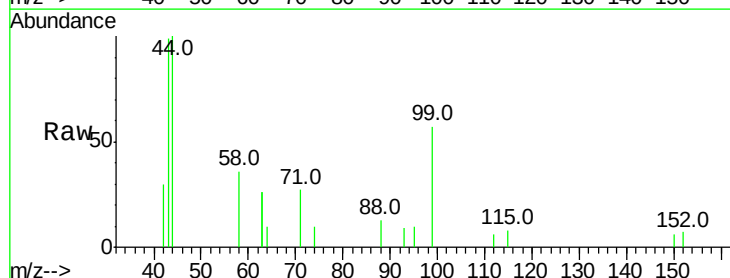
Tgt Ion: 99 Resp: 1052

Ion Ratio Lower Upper

99 100

42 23.1 17.1 25.7

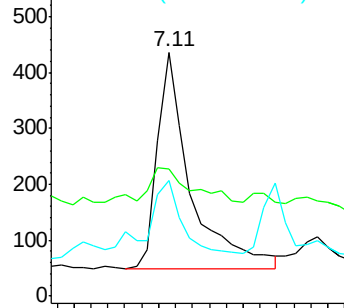
71 33.4 26.6 39.8



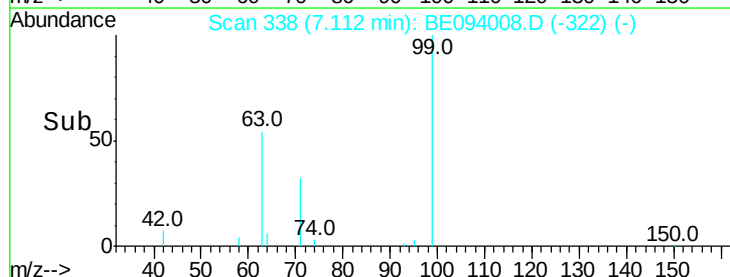
Abundance Ion 99.00 (98.70 to 99.70): BE0

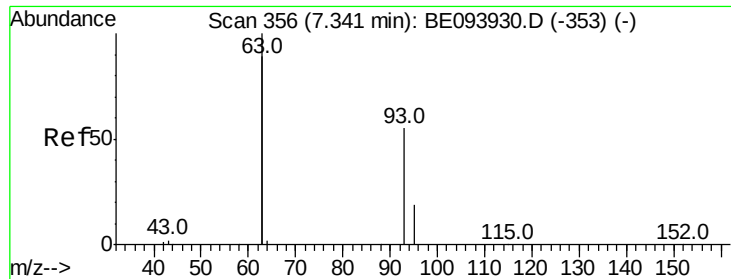
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->

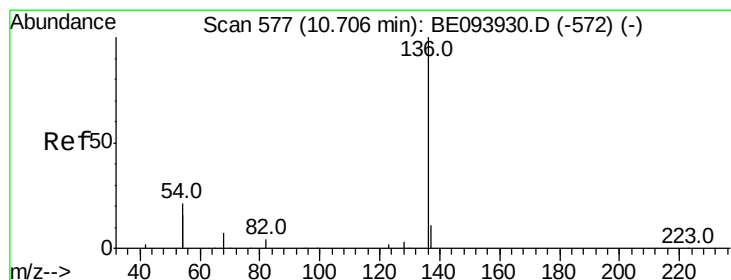
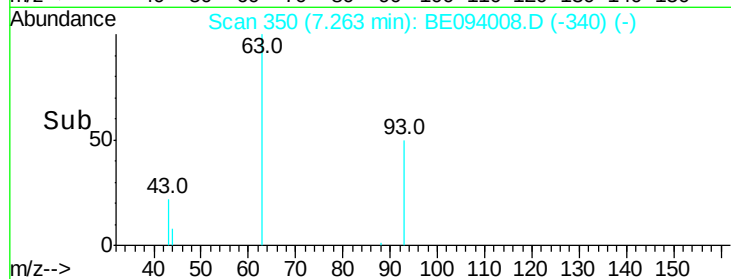
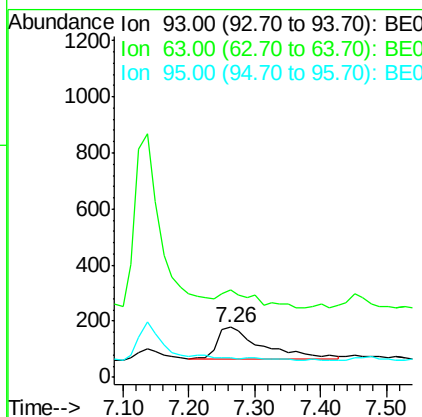
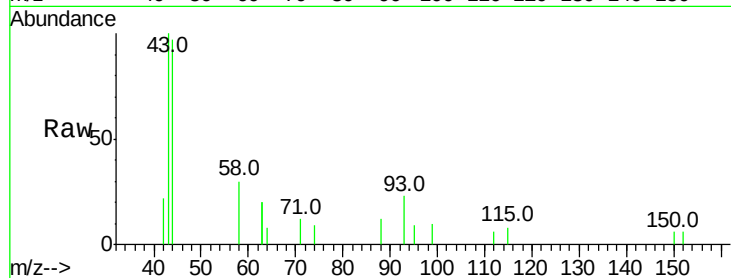




#6
 bis(2-Chloroethyl)ether
 Concen: 0.057 ng
 RT: 7.26 min Scan# 350
 Delta R.T. -0.08 min
 Lab File: BE094008.D
 Acq: 14 Sep 2017 16:38

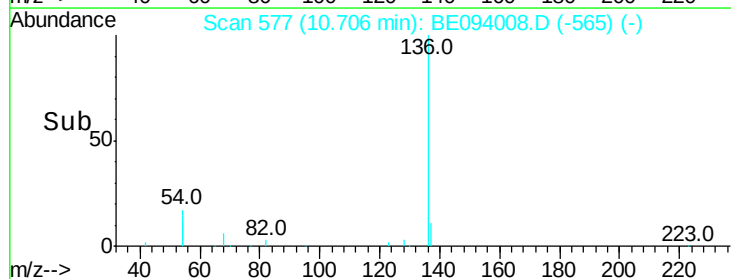
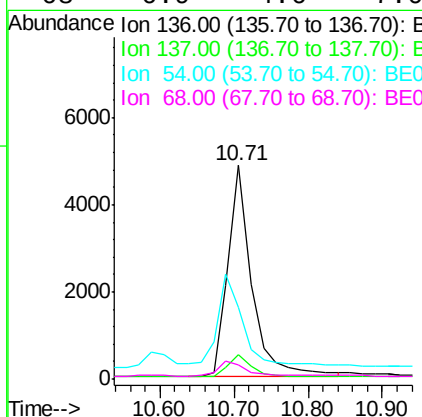
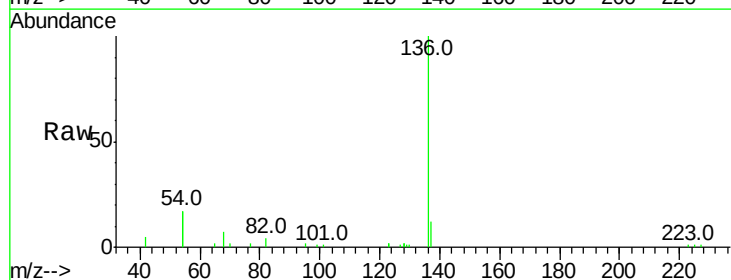
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-090717

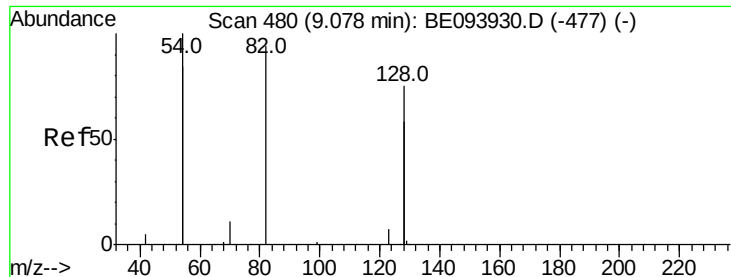
Tot Ion:	93	Resp:	505
Ion	Ratio	Lower	Upper
93	100		
63	44.0	283.4	425.2#
95	0.0	26.9	40.3#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.71 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BE094008.D
 Acq: 14 Sep 2017 16:38

Tgt Ion:	136	Resp:	10967
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	33.3	21.9	32.9#
68	6.9	4.6	7.0





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

Instrument :

BNA_E

ClientSampleId :

C-MW-11-090717

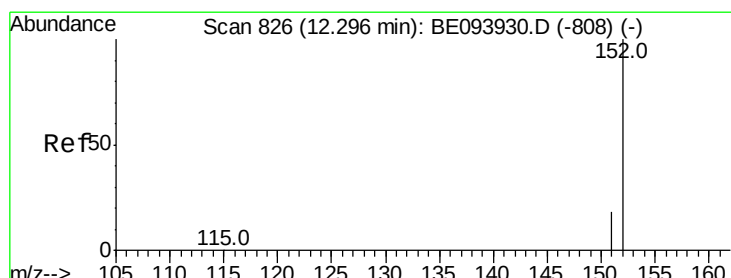
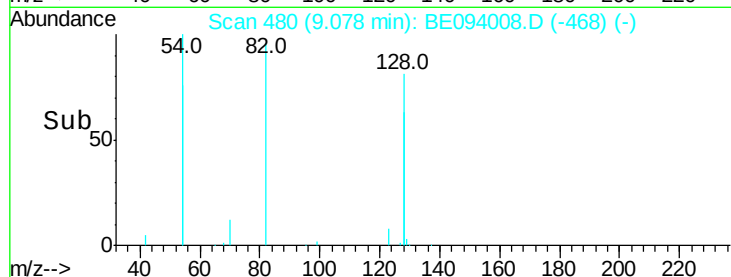
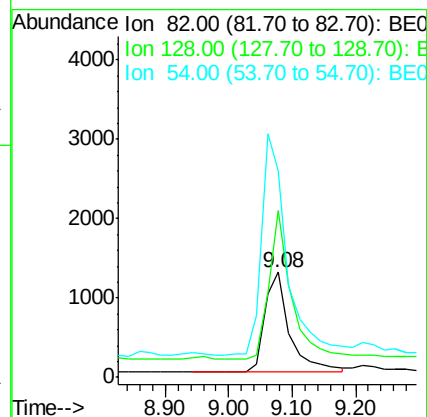
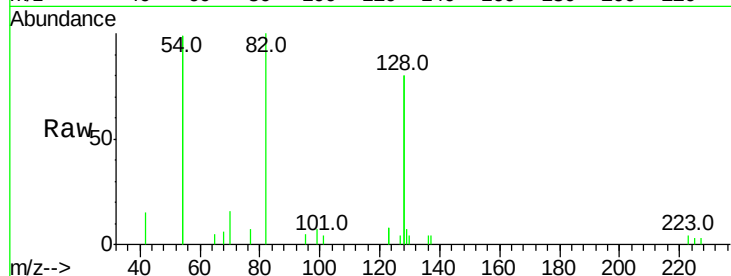
Tot Ion: 82 Resp: 3485

Ion Ratio Lower Upper

82 100

128 159.3 91.4 137.0#

54 197.4 197.8 296.8#



#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE094008.D

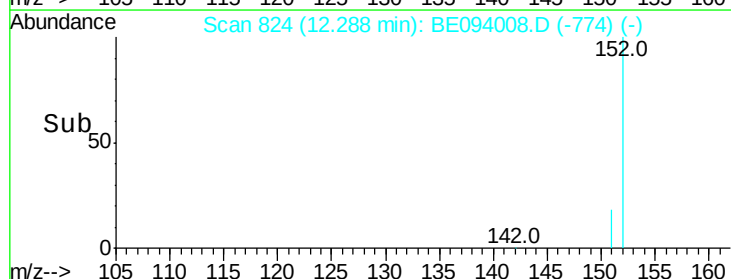
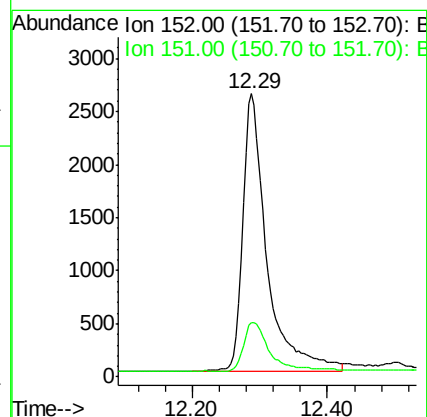
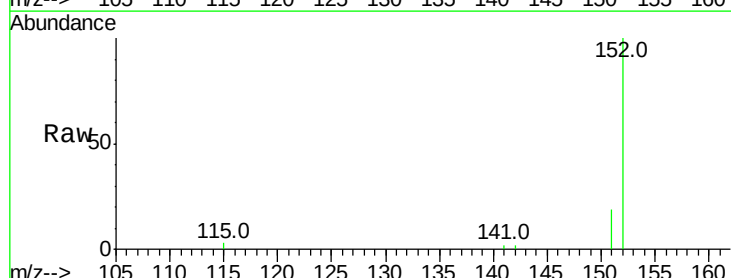
Acq: 14 Sep 2017 16:38

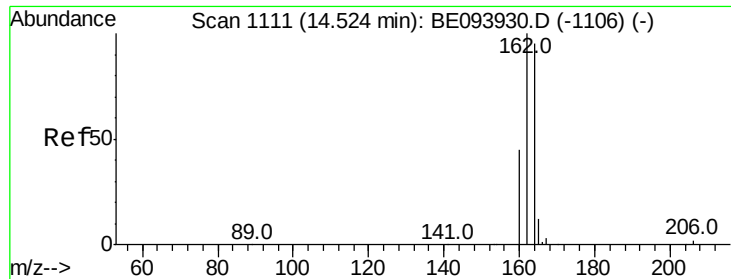
Tgt Ion: 152 Resp: 6287

Ion Ratio Lower Upper

152 100

151 18.4 15.4 23.0

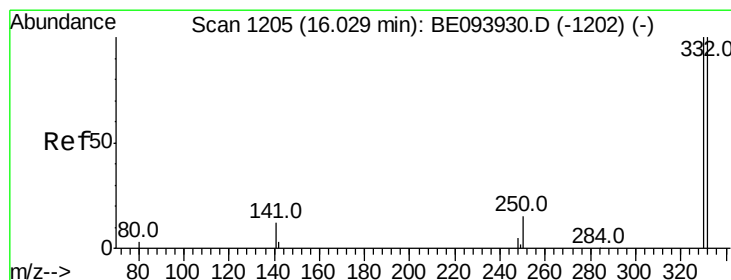
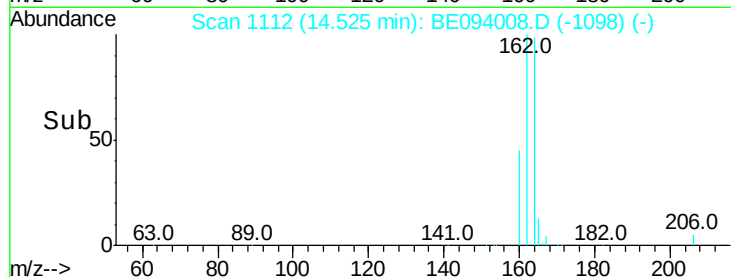
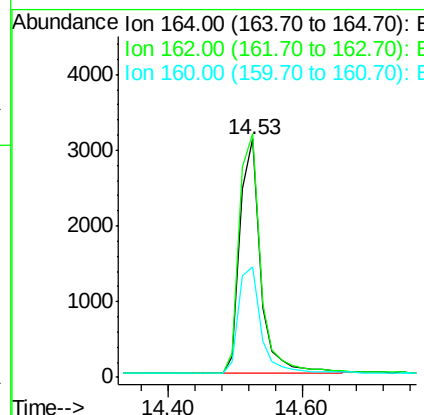
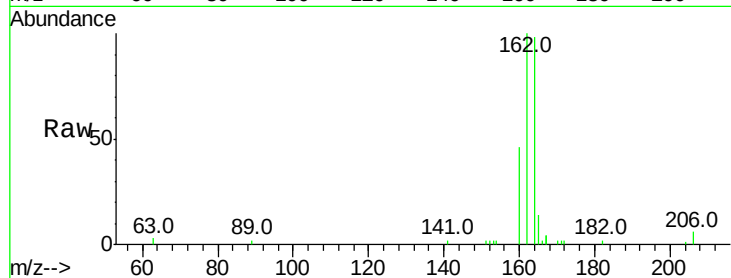




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE094008.D
 Acq: 14 Sep 2017 16:38

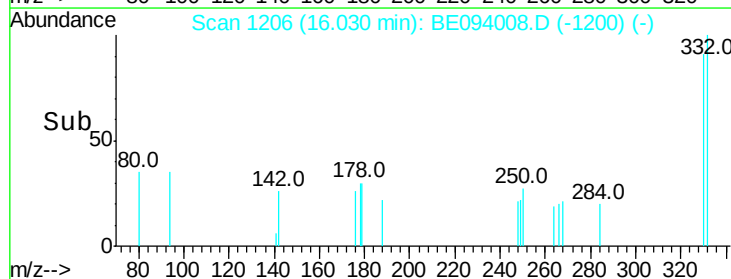
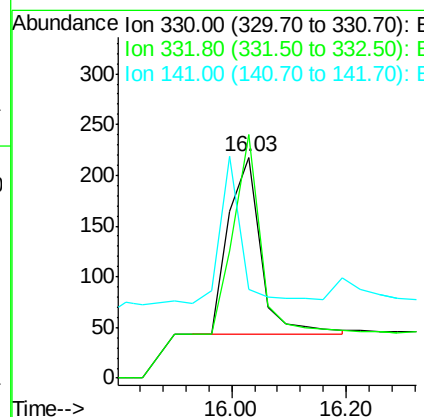
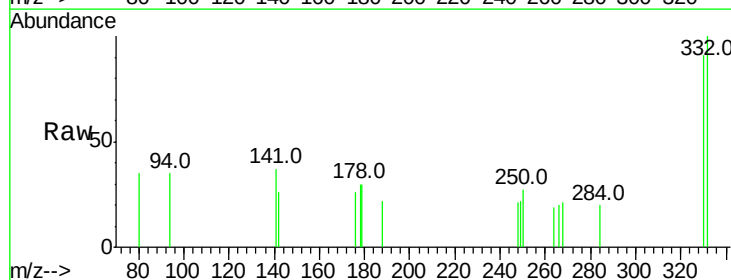
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-090717

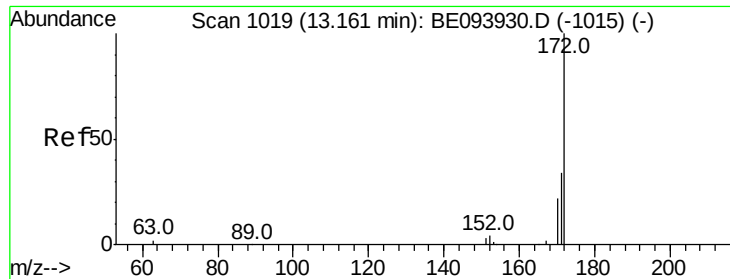
Tot Ion:164 Resp: 6612
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.8 121.2
 160 46.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.330 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094008.D
 Acq: 14 Sep 2017 16:38

Tgt Ion:330 Resp: 675
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.9 115.3
 141 0.0 0.0 0.0

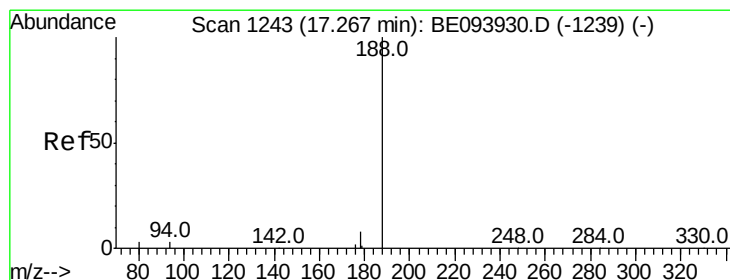
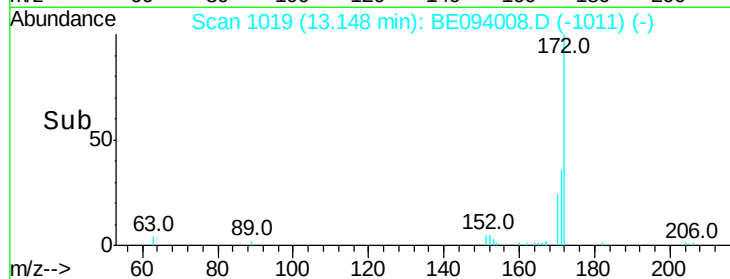
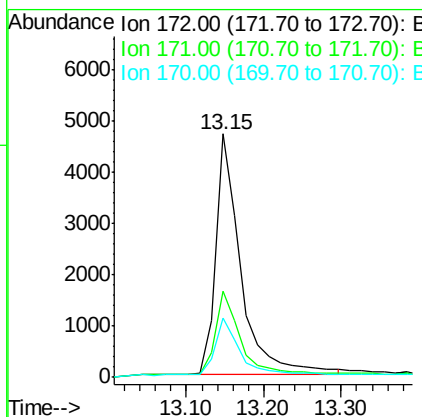
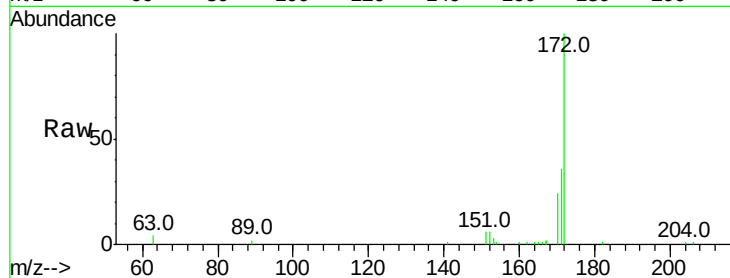




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE094008.D
Acq: 14 Sep 2017 16:38

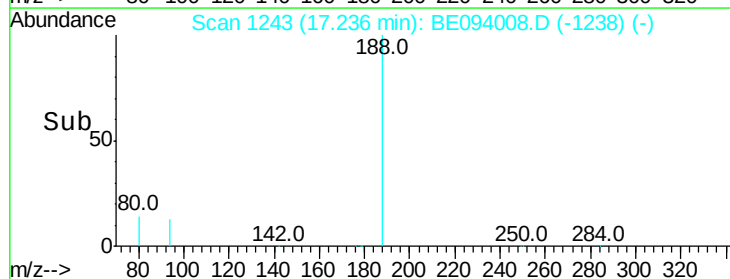
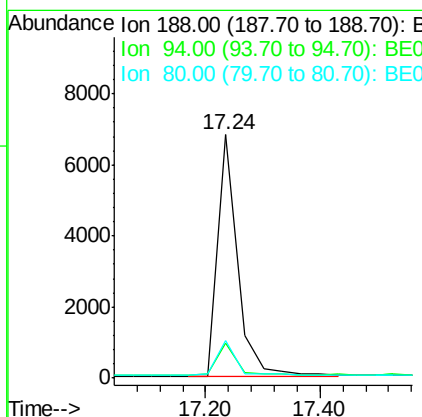
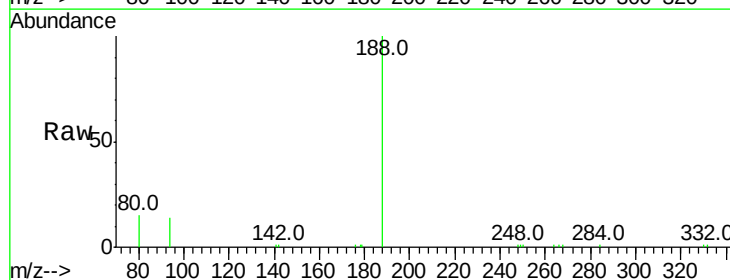
Instrument :
BNA_E
ClientSampleId :
C-MW-11-090717

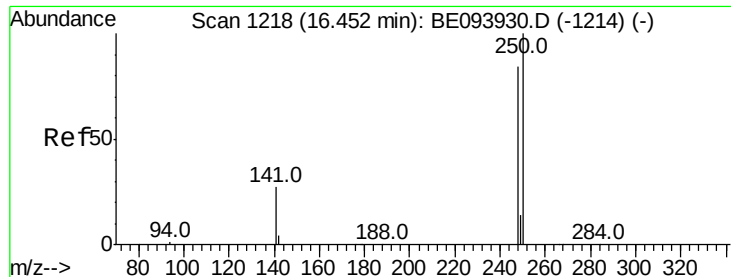
Tot Ion:172 Resp: 10644
Ion Ratio Lower Upper
172 100
171 35.5 26.9 40.3
170 24.4 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094008.D
Acq: 14 Sep 2017 16:38

Tgt Ion:188 Resp: 16493
Ion Ratio Lower Upper
188 100
94 14.3 16.1 24.1#
80 15.2 18.2 27.2#

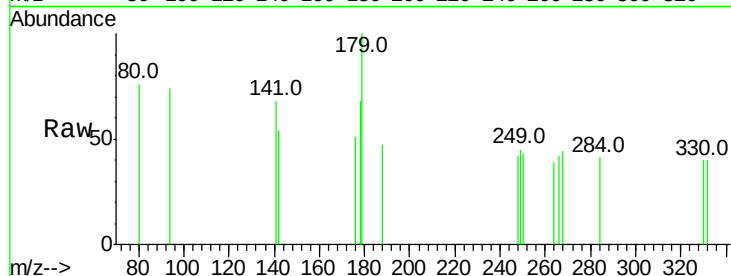




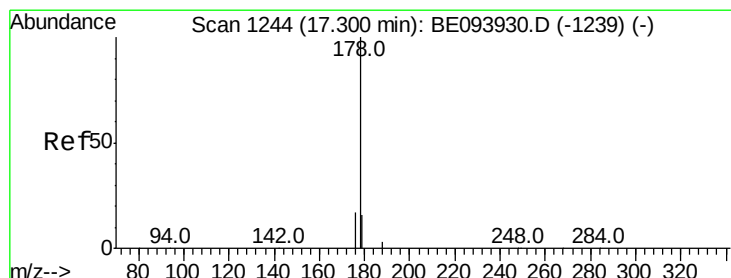
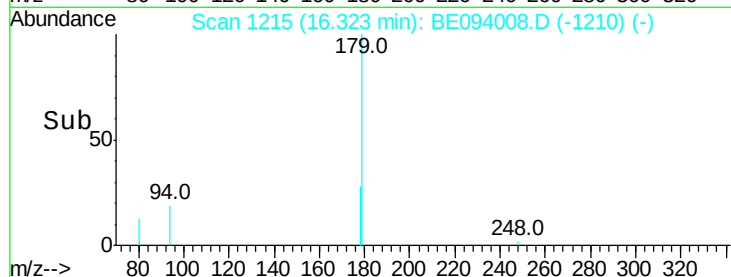
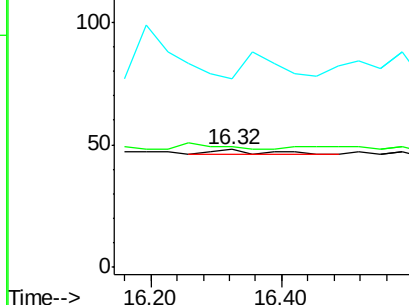
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.32 min Scan# 1215
Delta R.T. -0.13 min
Lab File: BE094008.D
Acq: 14 Sep 2017 16:38

Instrument :
BNA_E
ClientSampleId :
C-MW-11-090717

Tot Ion:248 Resp: 10
Ion Ratio Lower Upper
248 100
250 102.1 111.8 167.8#
141 160.4 27.1 40.7#

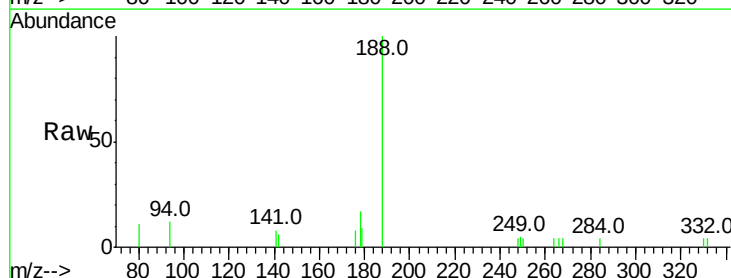


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

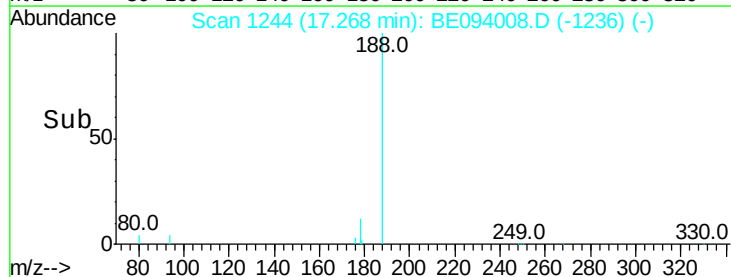
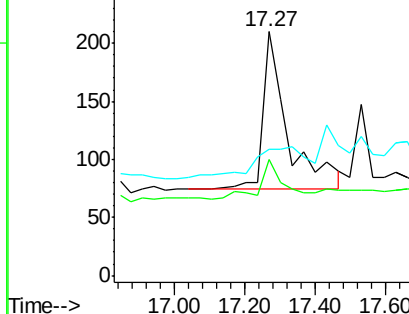


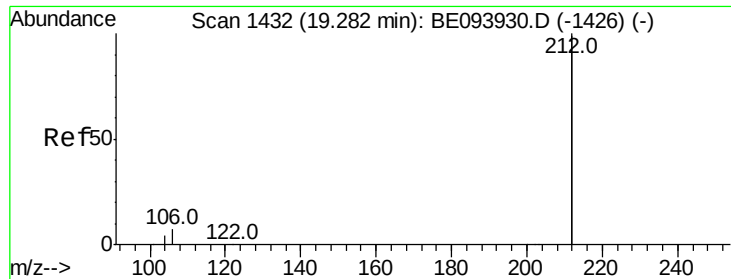
#23
Phenanthrene
Concen: Below Cal
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094008.D
Acq: 14 Sep 2017 16:38

Tgt Ion:178 Resp: 667
Ion Ratio Lower Upper
178 100
176 22.3 0.0 0.0#
179 0.0 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





#25

Fluoranthene-d10

Concen: 0.292 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

Instrument :

BNA_E

ClientSampleId :

C-MW-11-090717

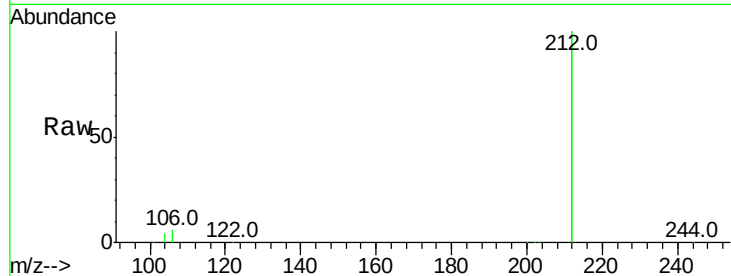
Tot Ion:212 Resp: 71642

Ion Ratio Lower Upper

212 100

106 3.3 2.7 4.1

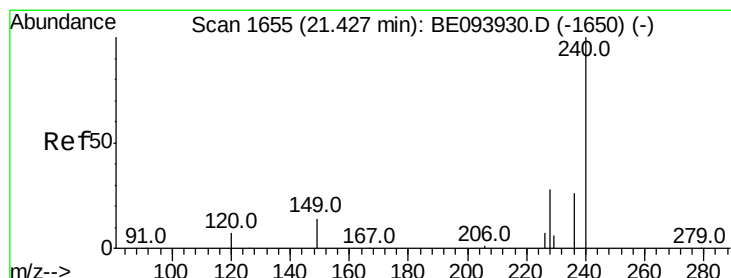
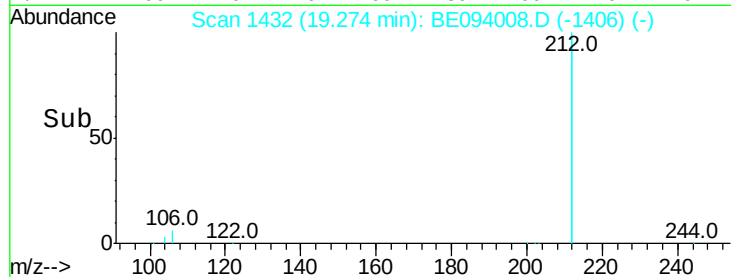
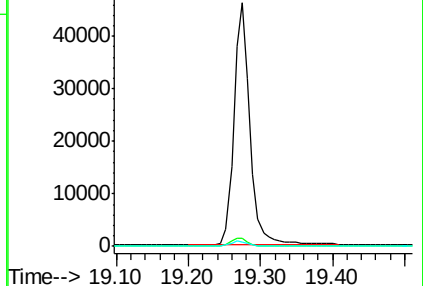
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

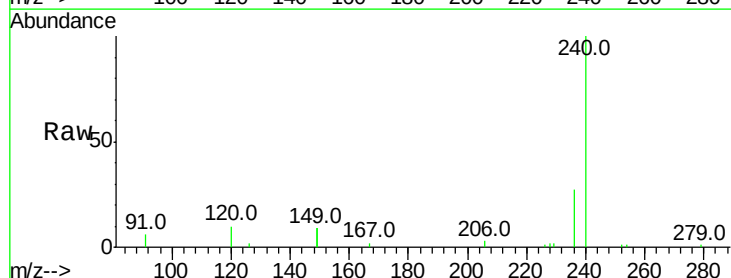
Tgt Ion:240 Resp: 14792

Ion Ratio Lower Upper

240 100

120 10.3 8.7 13.1

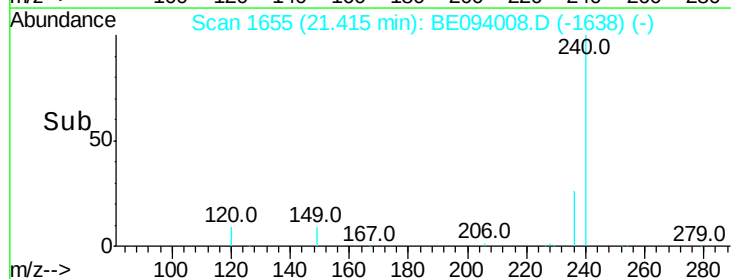
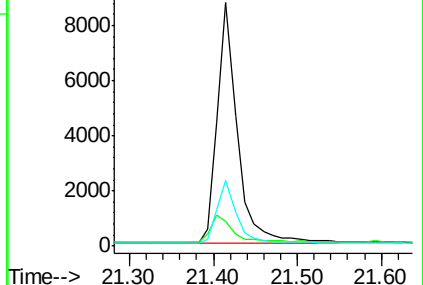
236 26.8 21.3 31.9

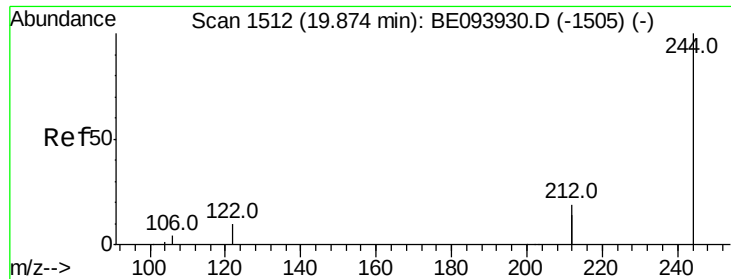


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.730 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

Instrument :

BNA_E

ClientSampleId :

C-MW-11-090717

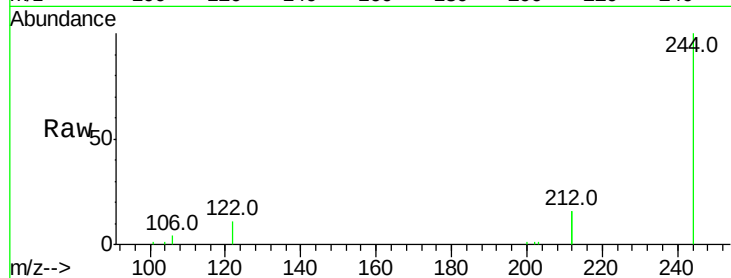
Tot Ion:244 Resp: 19878

Ion Ratio Lower Upper

244 100

212 32.2 28.3 42.5

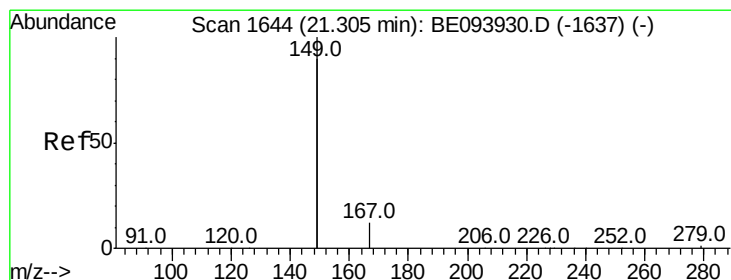
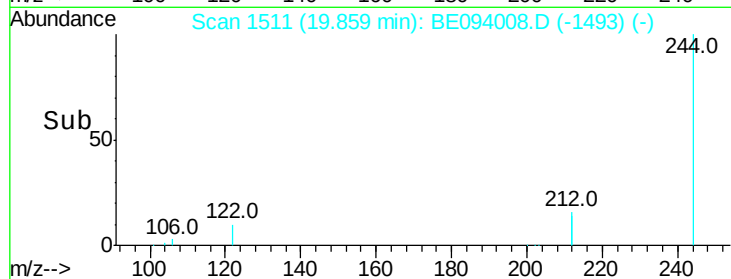
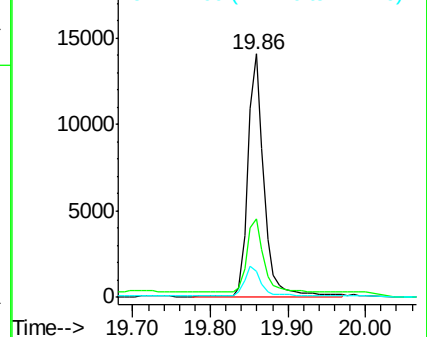
122 10.9 9.4 14.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

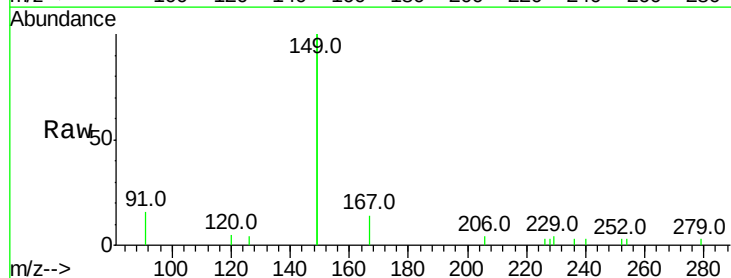
Tgt Ion:149 Resp: 7513

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

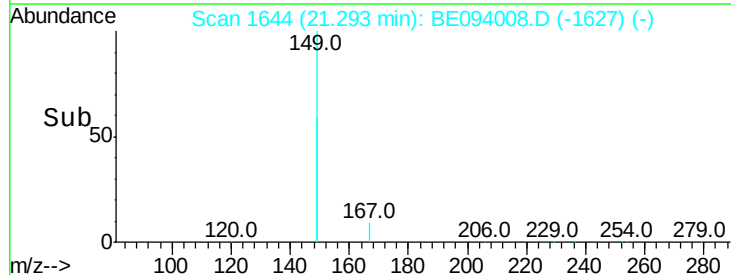
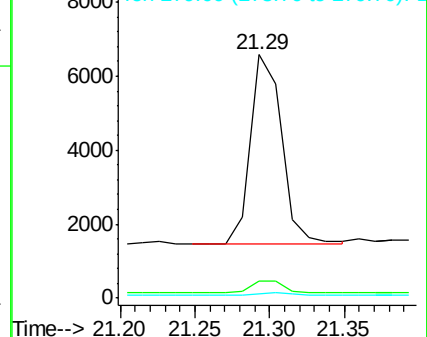
279 1.4 0.7 1.1#

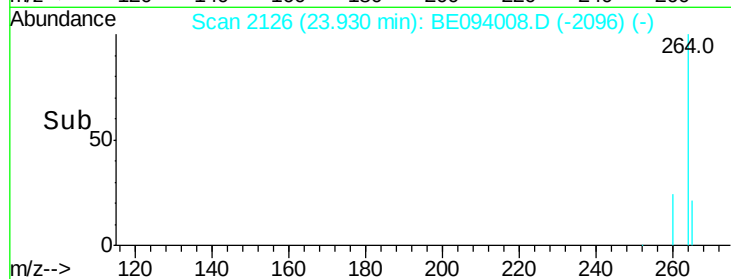
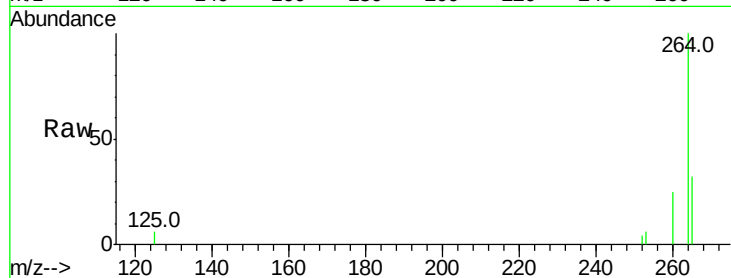
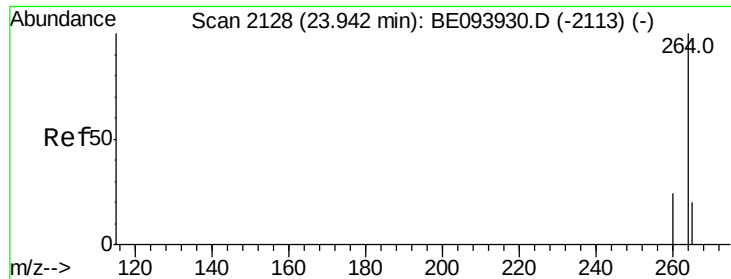


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE094008.D

Acq: 14 Sep 2017 16:38

Instrument :

BNA_E

ClientSampleId :

C-MW-11-090717

Tot Ion:264 Resp: 11995

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 32.4 24.0 36.0

