

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094003.D
 Acq On : 14 Sep 2017 13:30
 Operator : SJ/JU
 Sample : I5189-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-05-090717

Quant Time: Sep 15 00:50:29 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

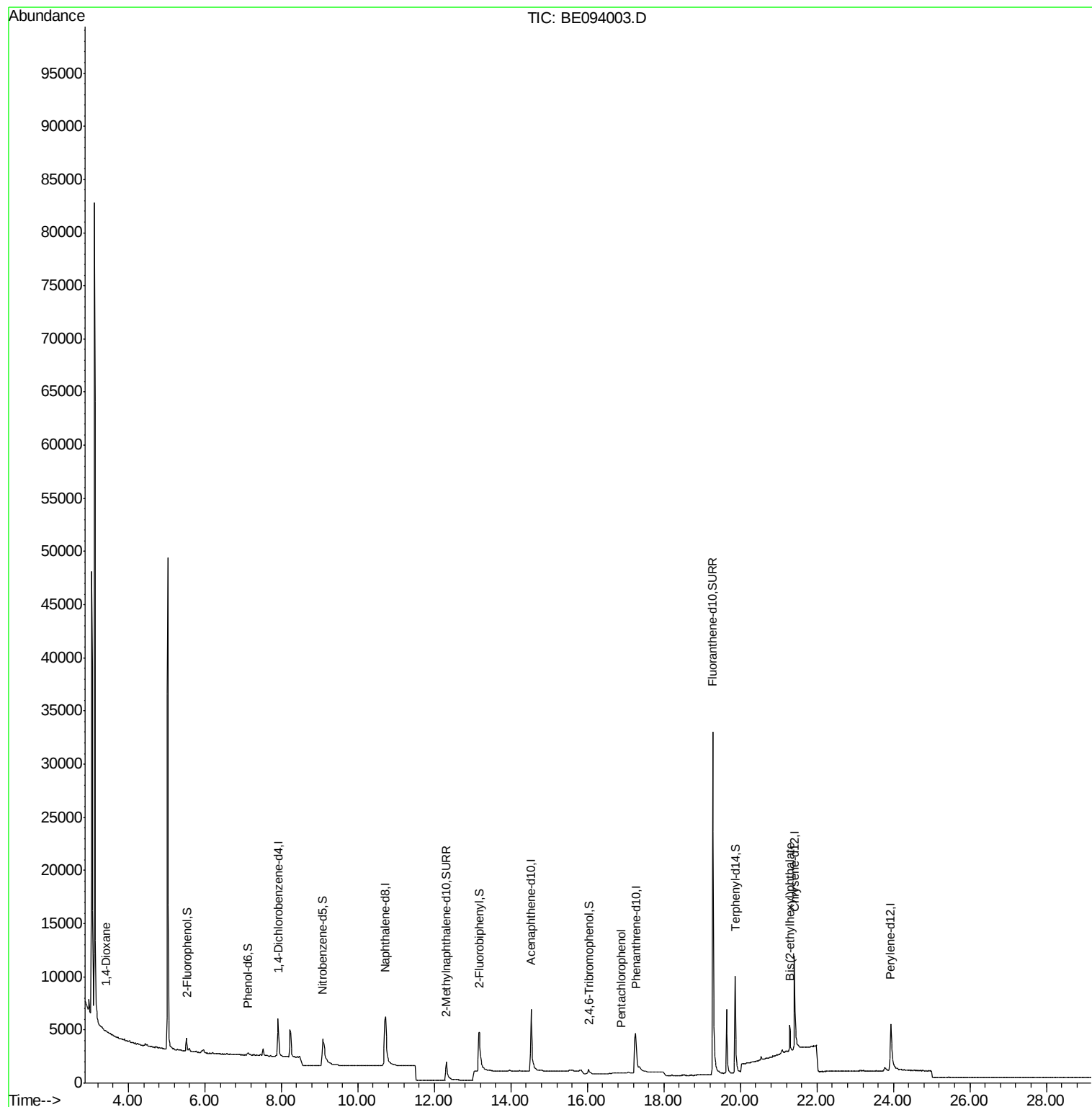
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2065	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9828	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	5990	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13465	0.40	ng	0.00
27) Chrysene-d12	21.42	240	14037	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10543	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	885	0.13	ng	0.00
5) Phenol-d6	7.12	99	641	0.06	ng	0.00
8) Nitrobenzene-d5	9.08	82	2707	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5119	0.33	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	563	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	7754	0.33	ng	0.02
25) Fluoranthene-d10	19.28	212	59201	0.30	ng	0.00
29) Terphenyl-d14	19.87	244	11674	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	103	0.036	ng	Qvalue # 18
20) 4-Bromophenyl-phenylether	16.45	248	4	Below Cal		# 38
22) Pentachlorophenol	16.88	266	80	0.037	ng	# 98
23) Phenanthrene	17.30	178	213	Below Cal		# 69
32) Bis(2-ethylhexyl)phthalate	21.29	149	3562	0.034	ng	# 99

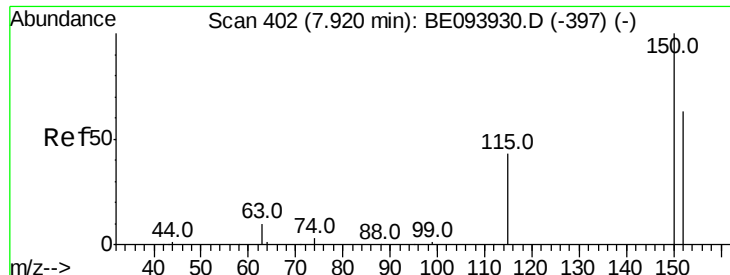
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

Instrument :

BNA_E

ClientSampleId :

C-MW-05-090717

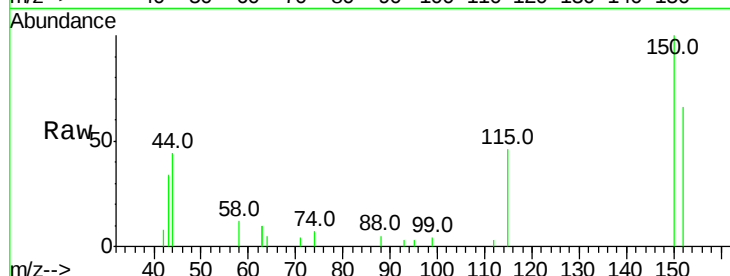
Tot Ion:152 Resp: 2065

Ion Ratio Lower Upper

152 100

150 152.5 121.8 182.6

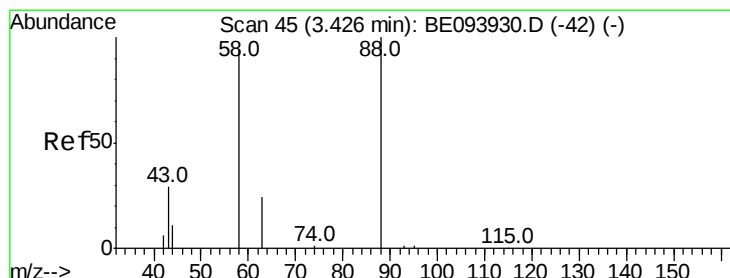
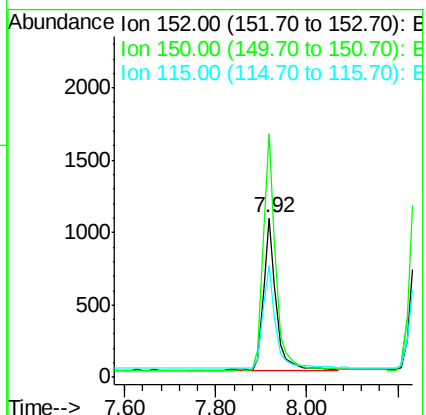
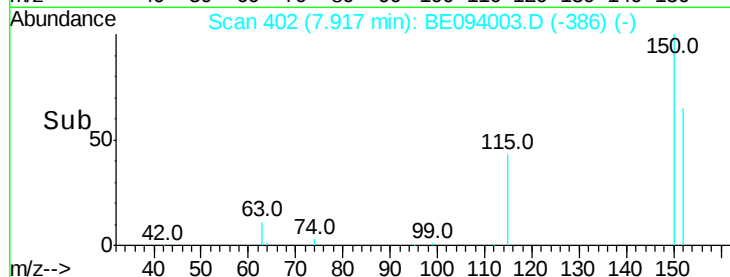
115 69.9 52.6 79.0



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: 0.036 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.02 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

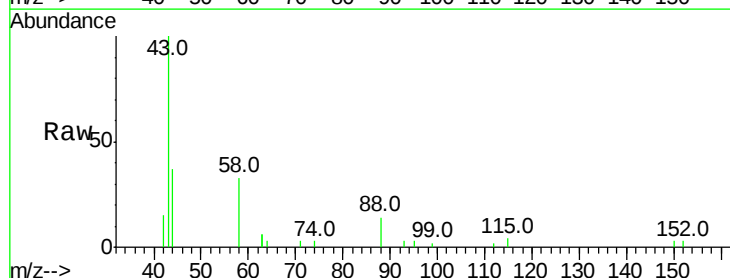
Tgt Ion: 88 Resp: 103

Ion Ratio Lower Upper

88 100

58 0.0 65.4 98.0#

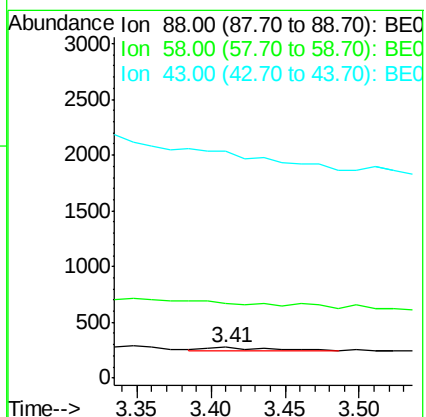
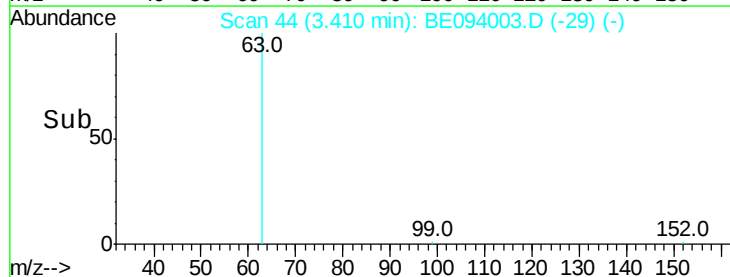
43 0.0 23.9 35.9#

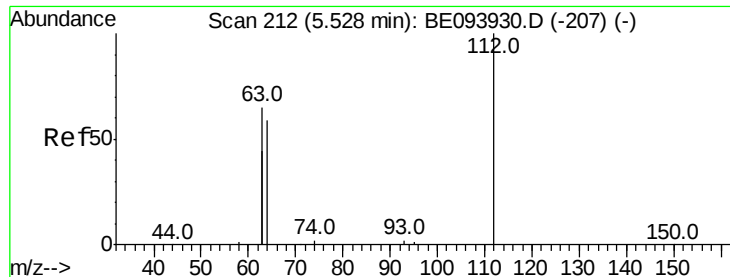


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.132 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

Instrument :

BNA_E

ClientSampleId :

C-MW-05-090717

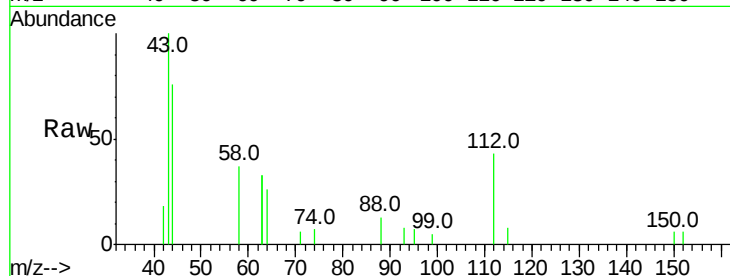
Tot Ion:112 Resp: 885

Ion Ratio Lower Upper

112 100

64 71.0 57.7 86.5

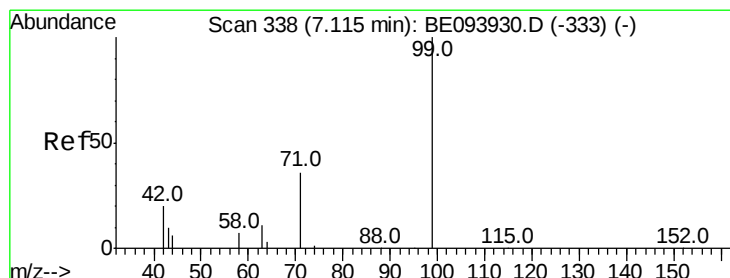
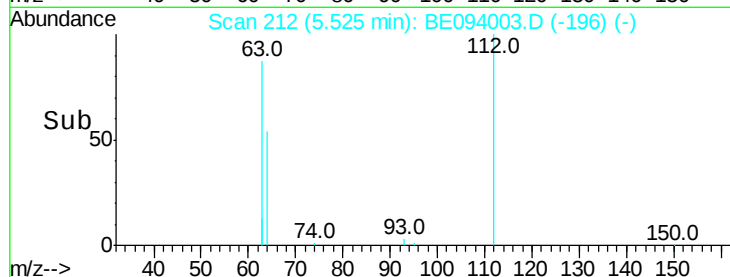
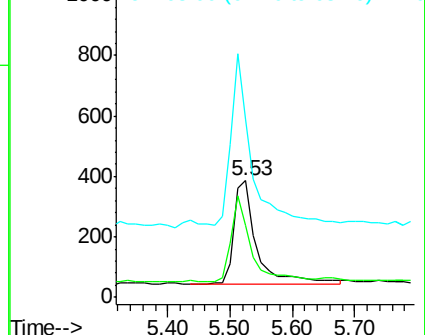
63 150.7 116.0 174.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.064 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

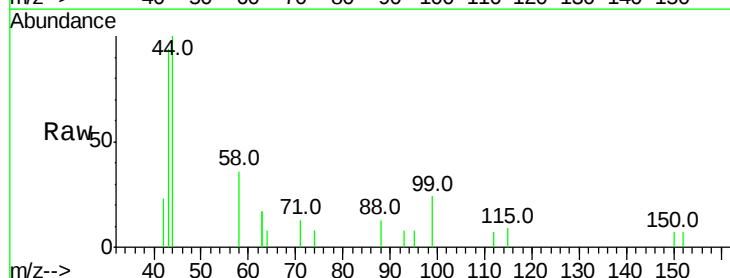
Tgt Ion: 99 Resp: 641

Ion Ratio Lower Upper

99 100

42 15.6 17.1 25.7#

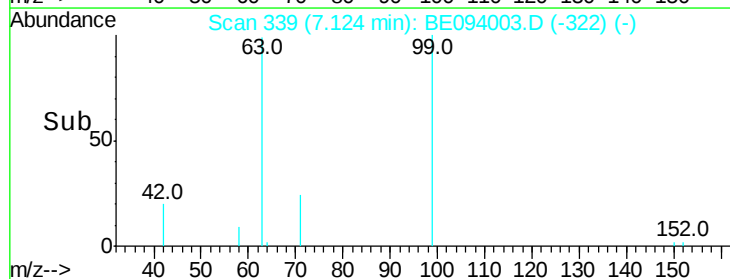
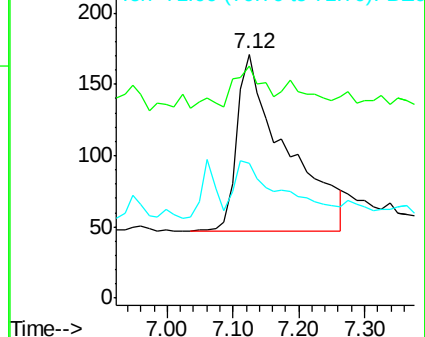
71 24.8 26.6 39.8#

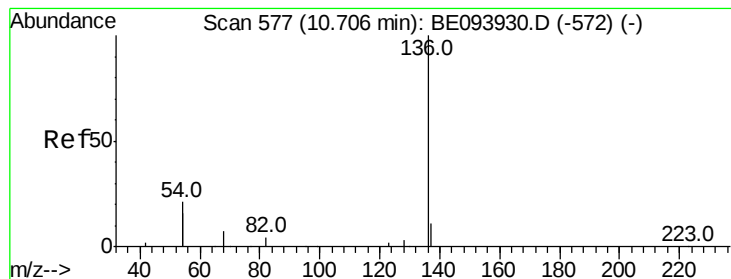


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

Instrument :

BNA_E

ClientSampleId :

C-MW-05-090717

Tot Ion:136 Resp: 9828

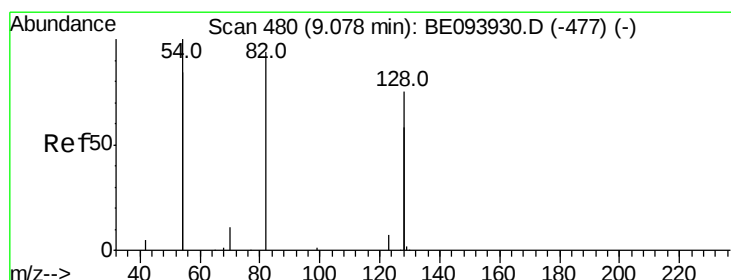
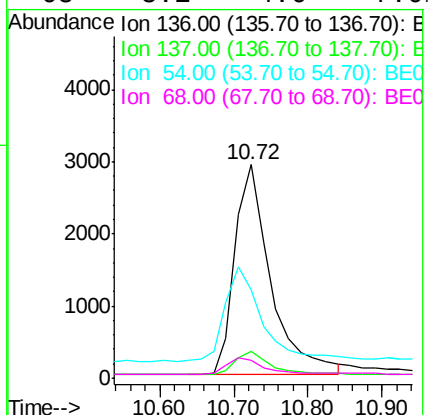
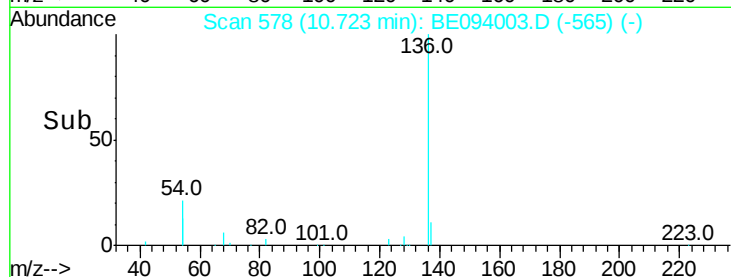
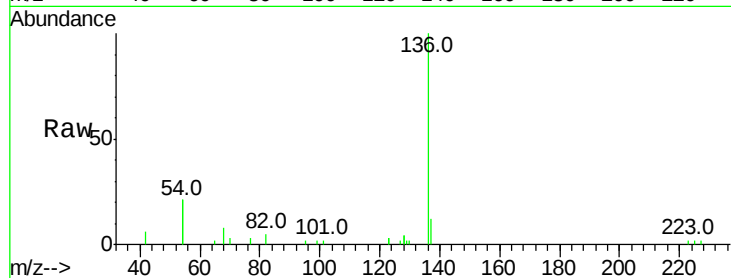
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 41.1 21.9 32.9#

68 8.1 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.326 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

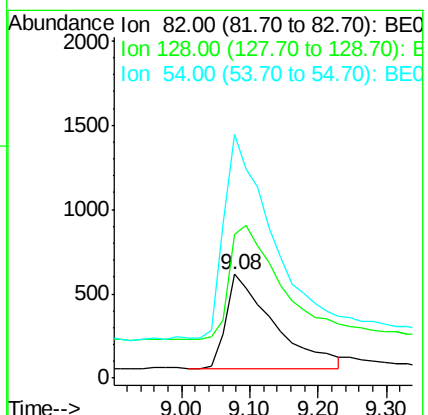
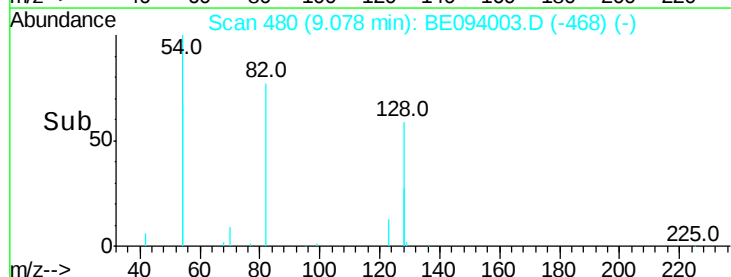
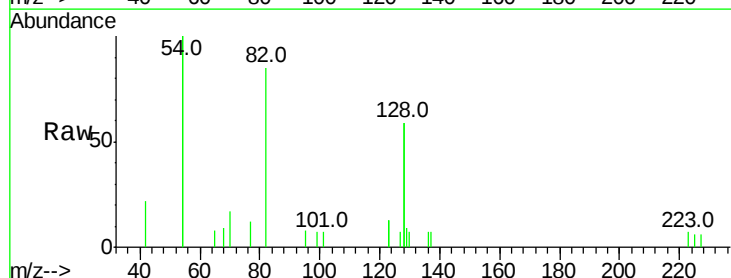
Tgt Ion: 82 Resp: 2707

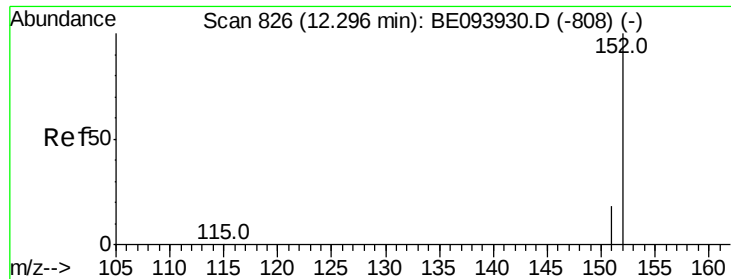
Ion Ratio Lower Upper

82 100

128 138.9 91.4 137.0#

54 234.8 197.8 296.8

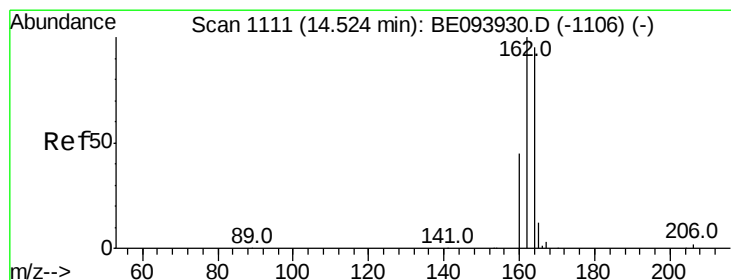
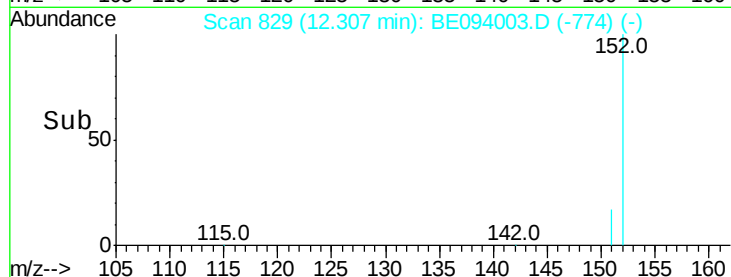
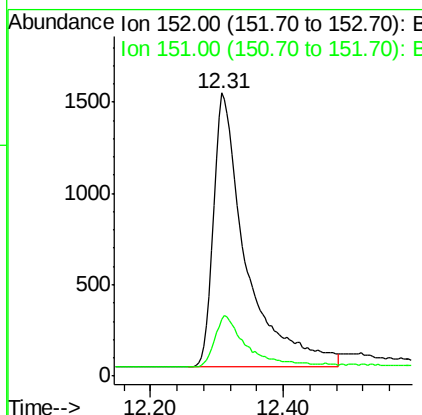
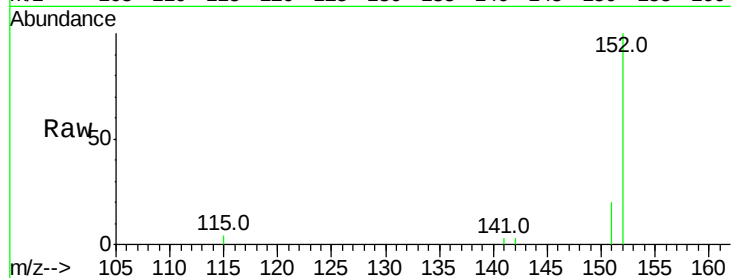




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.31 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE094003.D
Acq: 14 Sep 2017 13:30

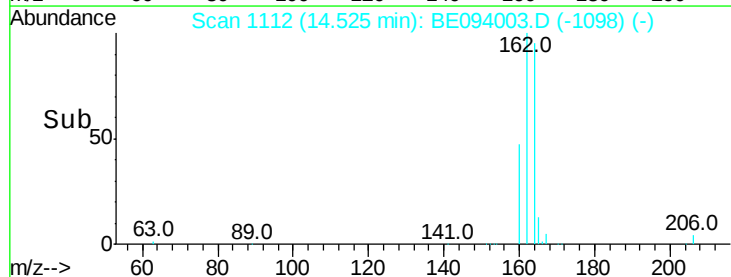
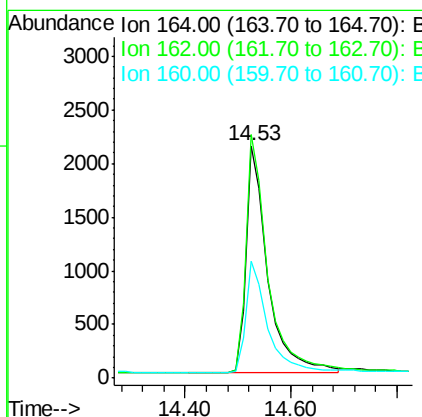
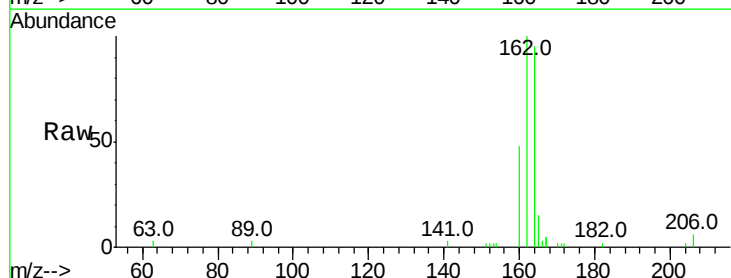
Instrument :
BNA_E
ClientSampleId :
C-MW-05-090717

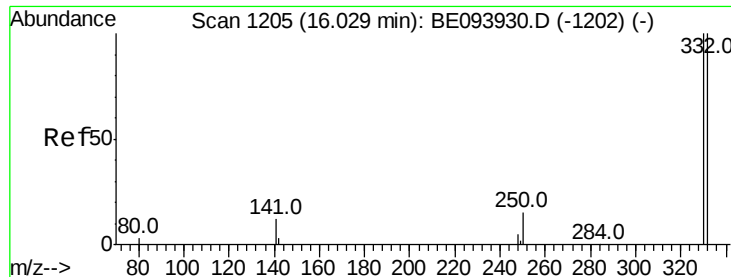
Tot Ion:152 Resp: 5119
Ion Ratio Lower Upper
152 100
151 18.2 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094003.D
Acq: 14 Sep 2017 13:30

Tgt Ion:164 Resp: 5990
Ion Ratio Lower Upper
164 100
162 104.8 80.8 121.2
160 50.2 37.0 55.4

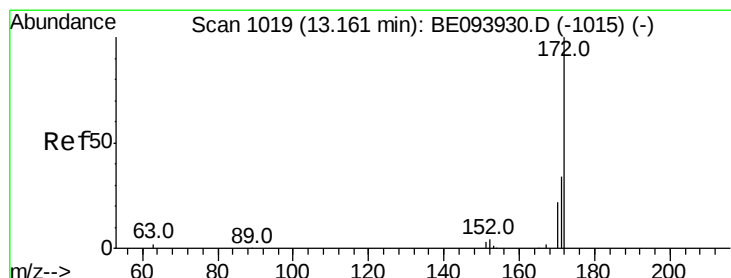
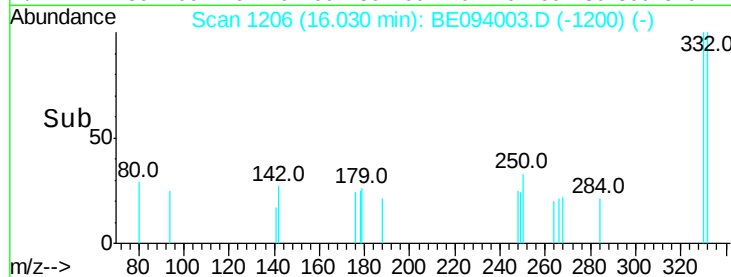
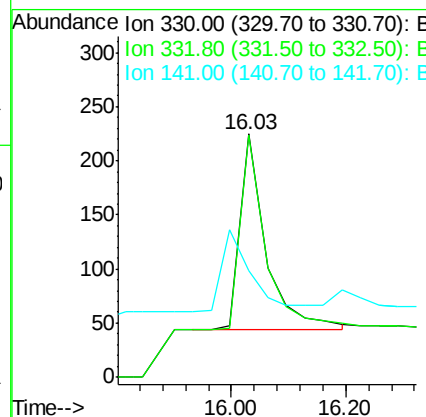
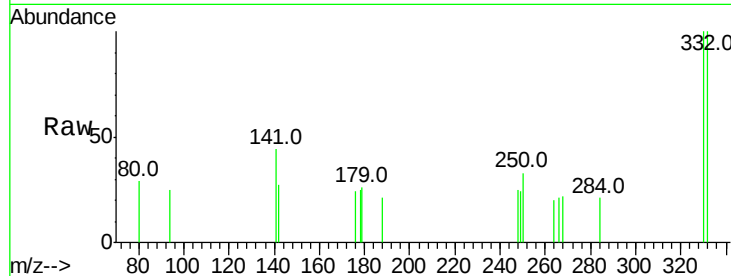




#14
 2,4,6-Tribromophenol
 Concen: 0.304 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094003.D
 Acq: 14 Sep 2017 13:30

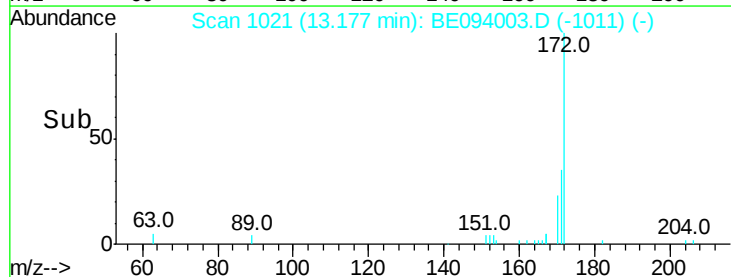
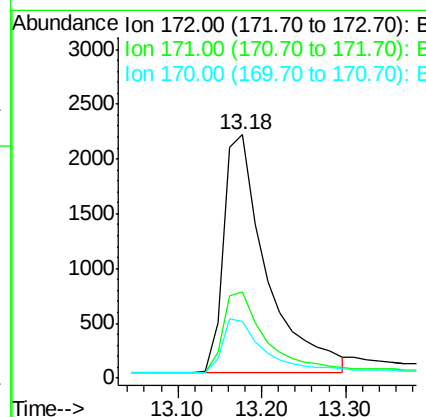
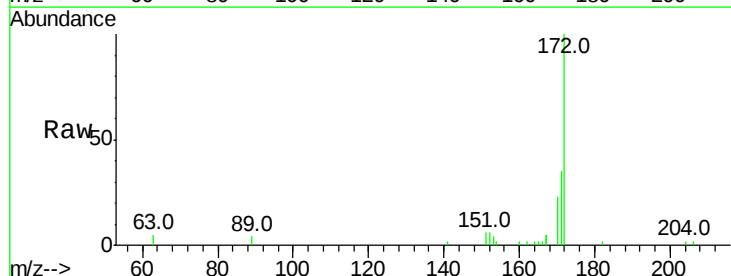
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-05-090717

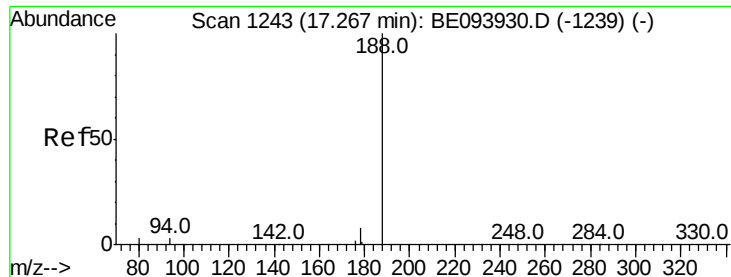
Tot Ion:330 Resp: 563
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.9 115.3
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 0.327 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BE094003.D
 Acq: 14 Sep 2017 13:30

Tgt Ion:172 Resp: 7754
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.9 40.3
 170 23.1 17.3 25.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

Instrument :

BNA_E

ClientSampleId :

C-MW-05-090717

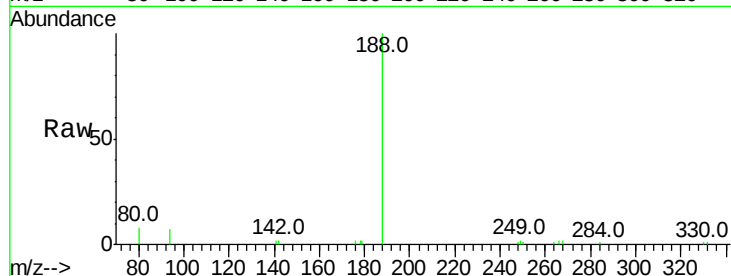
Tot Ion:188 Resp: 13465

Ion Ratio Lower Upper

188 100

94 7.2 16.1 24.1#

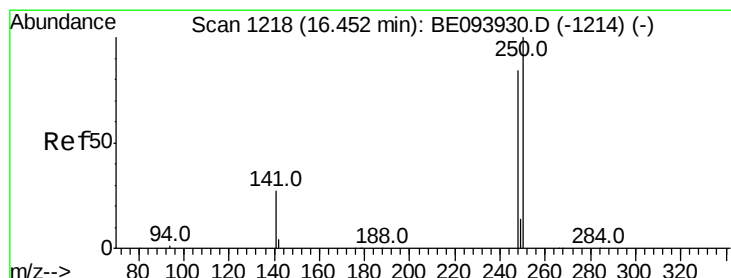
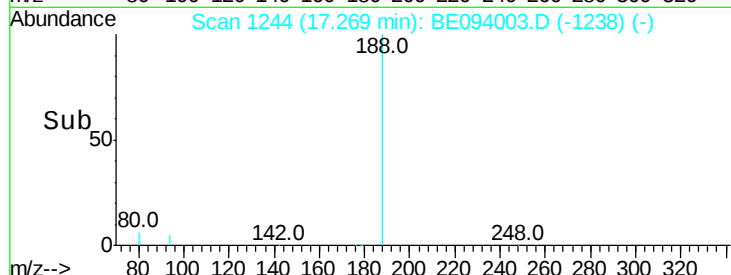
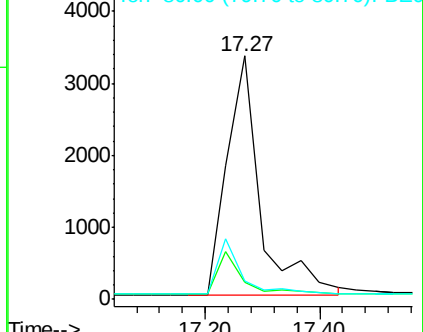
80 7.6 18.2 27.2#



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: Below Cal

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

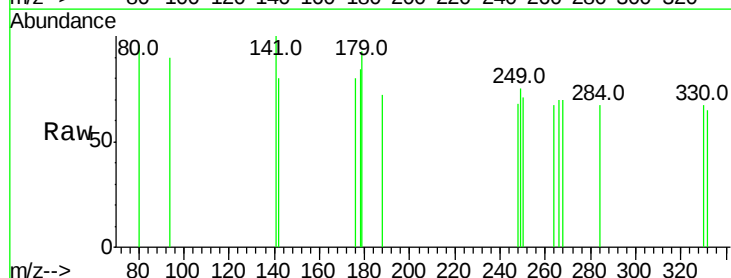
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 104.3 111.8 167.8#

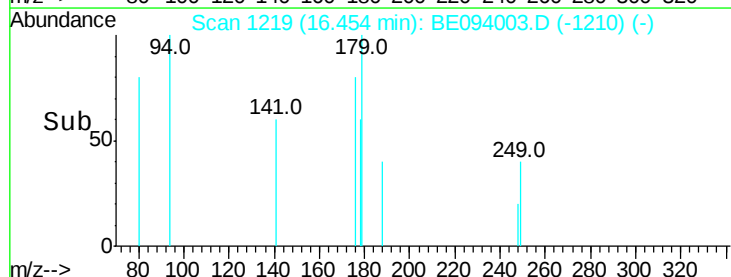
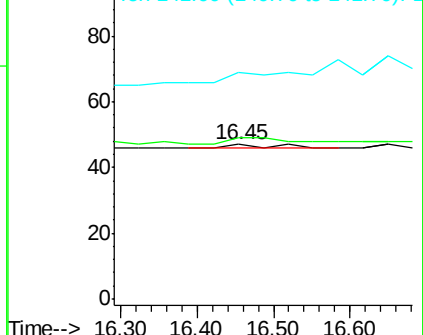
141 146.8 27.1 40.7#

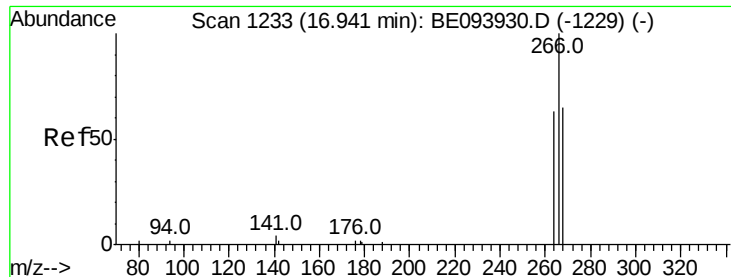


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

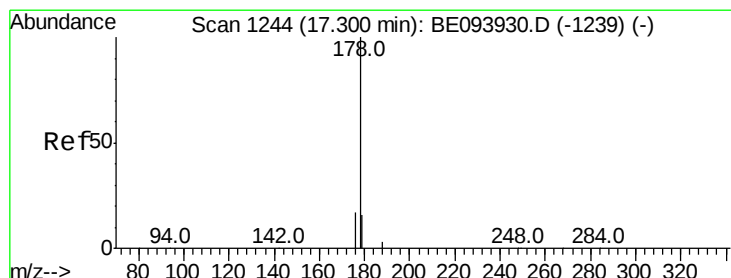
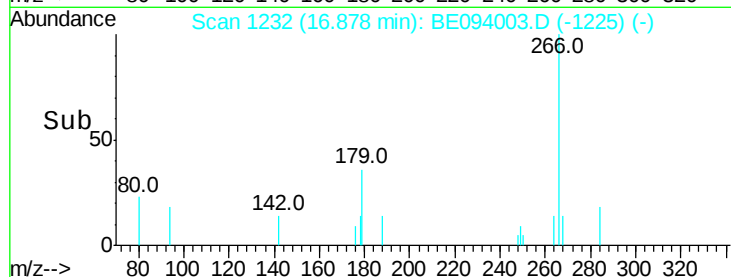
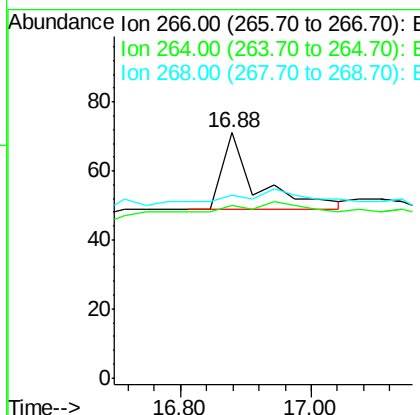
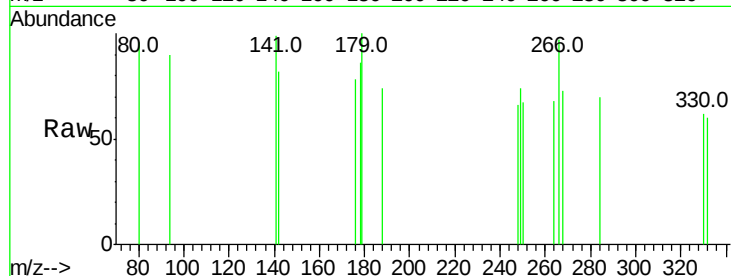




#22
 Pentachlorophenol
 Concen: 0.037 ng
 RT: 16.88 min Scan# 1232
 Delta R.T. -0.06 min
 Lab File: BE094003.D
 Acq: 14 Sep 2017 13:30

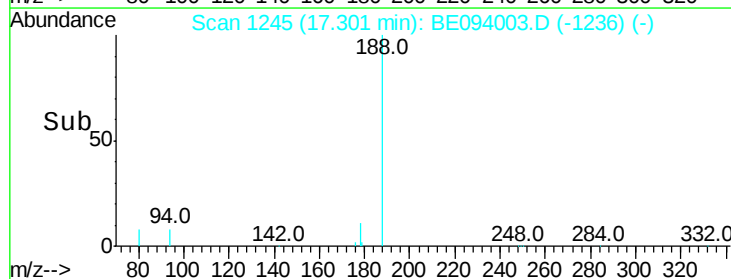
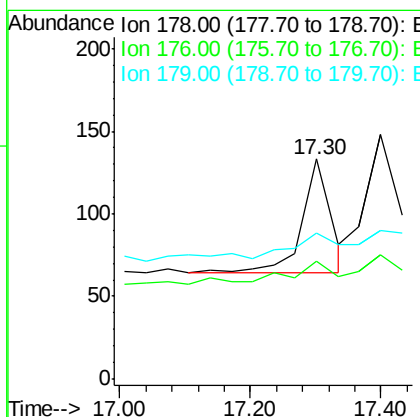
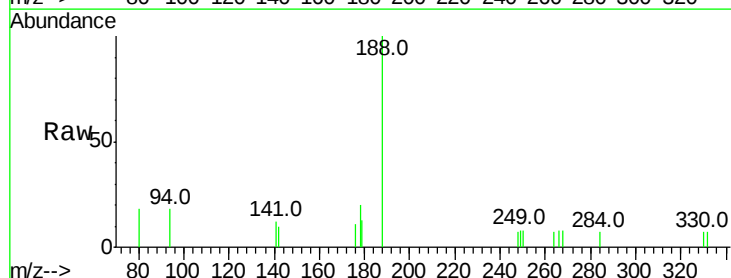
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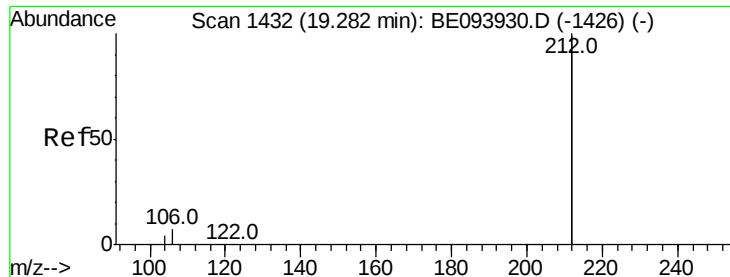
Tot Ion:266 Resp: 80
 Ion Ratio Lower Upper
 266 100
 264 70.4 53.5 80.3
 268 74.6 60.0 90.0



#23
 Phenanthrene
 Concen: Below Cal
 RT: 17.30 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE094003.D
 Acq: 14 Sep 2017 13:30

Tgt Ion:178 Resp: 213
 Ion Ratio Lower Upper
 178 100
 176 34.7 0.0 0.0#
 179 28.6 12.6 18.8#

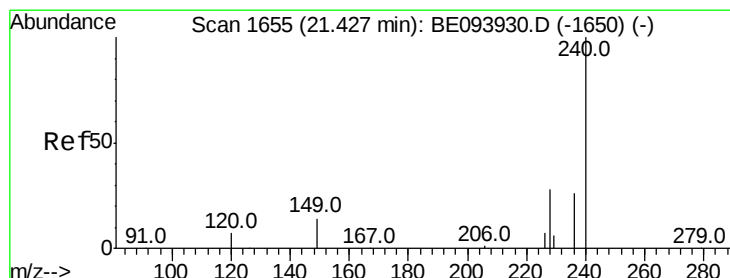
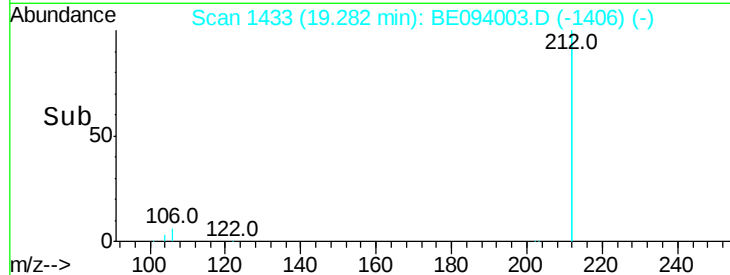
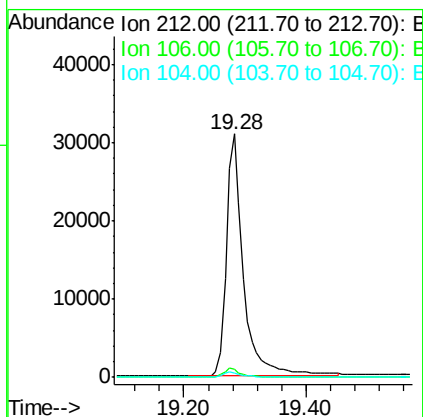
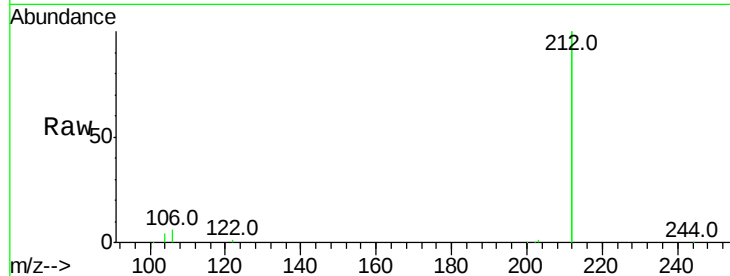




#25
 Fluoranthene-d10
 Concen: 0.295 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE094003.D
 Acq: 14 Sep 2017 13:30

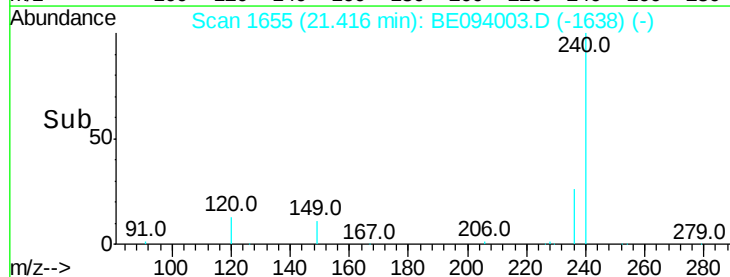
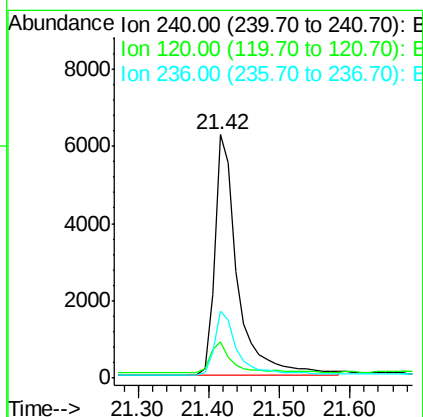
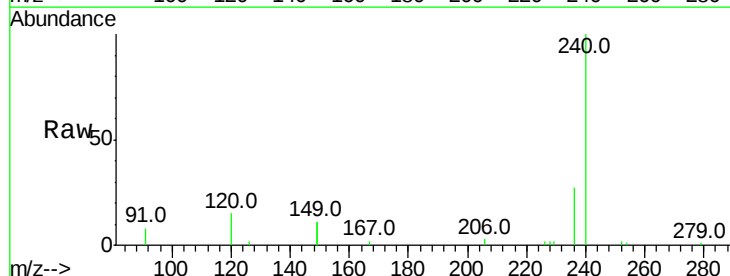
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-05-090717

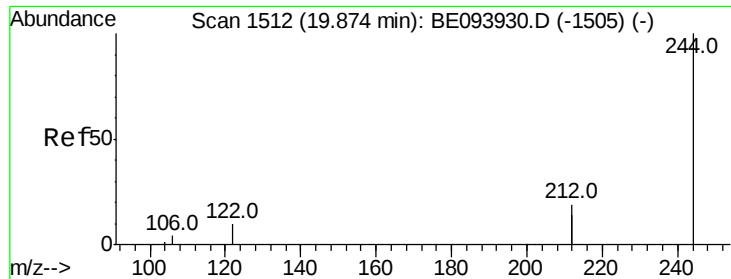
Tot Ion:212 Resp: 59201
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.7 4.1
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094003.D
 Acq: 14 Sep 2017 13:30

Tgt Ion:240 Resp: 14037
 Ion Ratio Lower Upper
 240 100
 120 14.7 8.7 13.1#
 236 27.4 21.3 31.9





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

Instrument :

BNA_E

ClientSampleId :

C-MW-05-090717

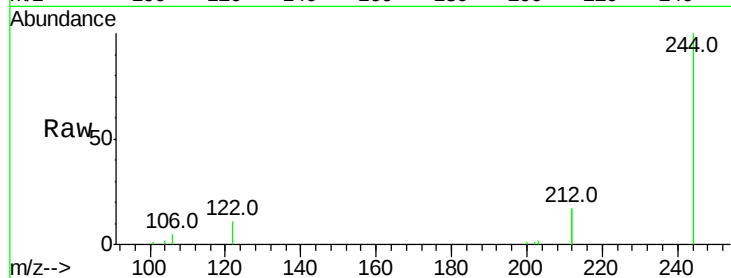
Tot Ion:244 Resp: 11674

Ion Ratio Lower Upper

244 100

212 34.6 28.3 42.5

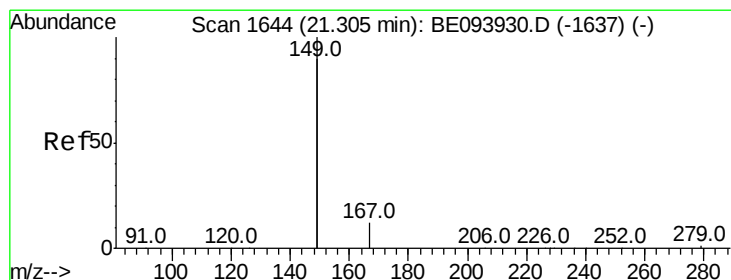
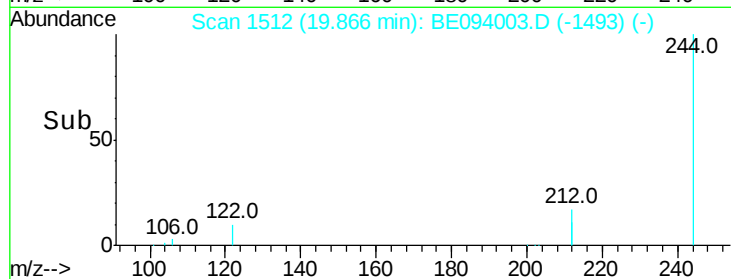
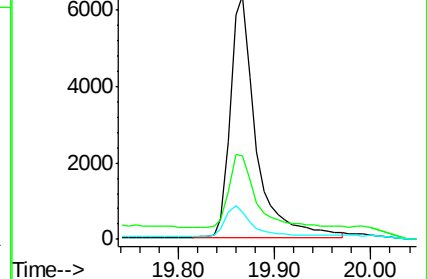
122 11.4 9.4 14.0



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: 0.034 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

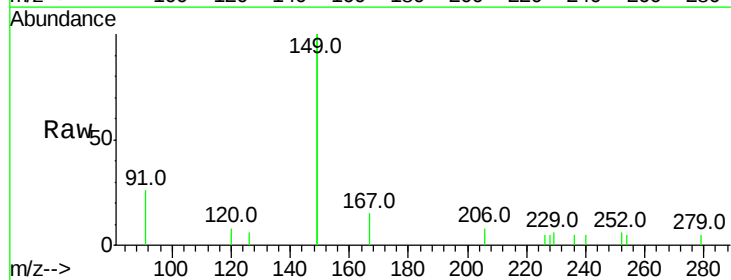
Tgt Ion:149 Resp: 3562

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

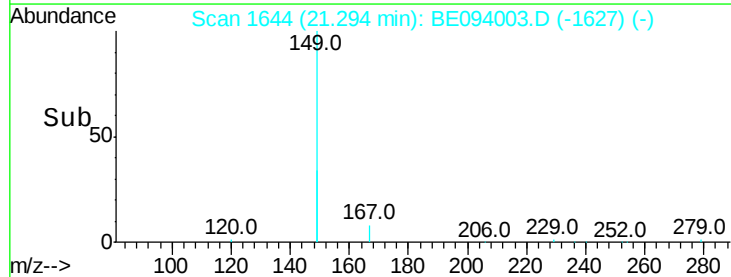
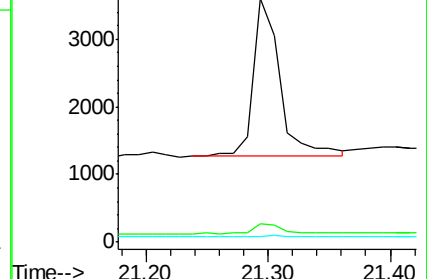
279 1.3 0.7 1.1#

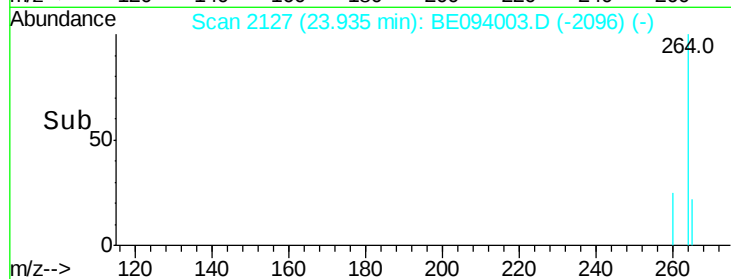
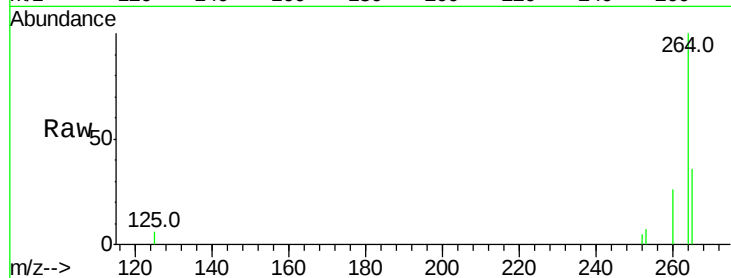
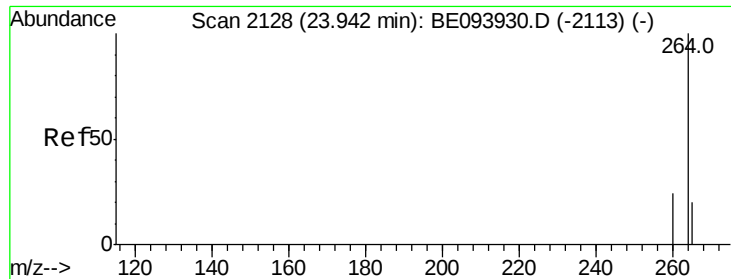


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2127

Delta R.T. -0.01 min

Lab File: BE094003.D

Acq: 14 Sep 2017 13:30

Instrument :

BNA_E

ClientSampleId :

C-MW-05-090717

Tot Ion:264 Resp: 10543

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

265 36.4 24.0 36.0#

