

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094007.D
 Acq On : 14 Sep 2017 15:59
 Operator : SJ/JU
 Sample : I5189-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-10-090717

Quant Time: Sep 15 00:51:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

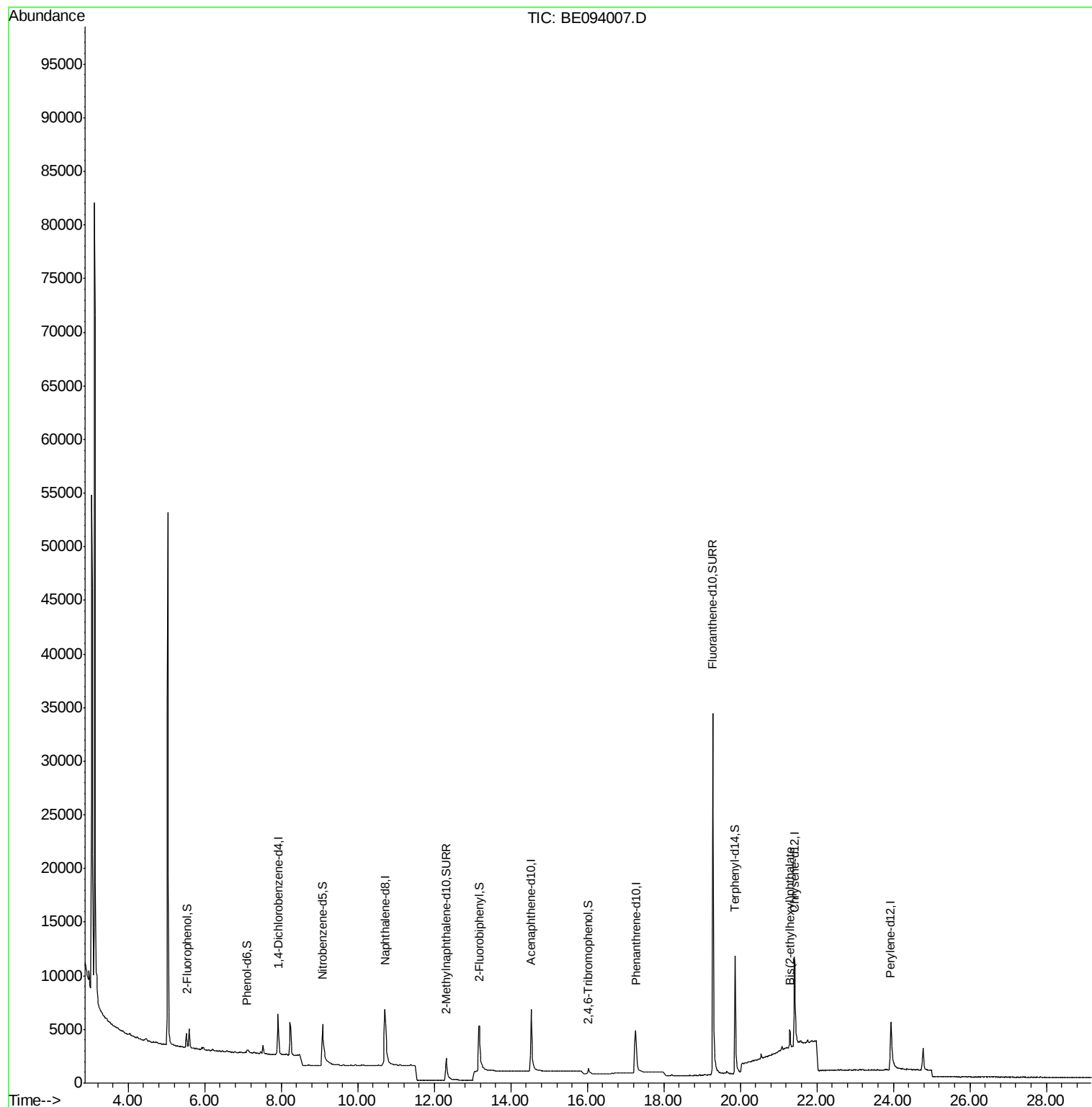
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2110	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10120	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5850	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12040	0.40	ng	0.00
27) Chrysene-d12	21.42	240	14032	0.40	ng	-0.01
34) Perylene-d12	23.94	264	10796	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	925	0.14	ng	0.00
5) Phenol-d6	7.11	99	683	0.07	ng	0.00
8) Nitrobenzene-d5	9.08	82	2978	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5470	0.34	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	600	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8695	0.38	ng	0.01
25) Fluoranthene-d10	19.28	212	61594	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	13431	0.52	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.48	248	14	Below Cal	#	39
23) Phenanthrene	17.30	178	217	Below Cal	#	1
32) Bis(2-ethylhexyl)phthalate	21.29	149	2667	0.025	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: BE094007.D

Acq: 14 Sep 2017 15:59

Instrument :

BNA_E

ClientSampleId :

C-MW-10-090717

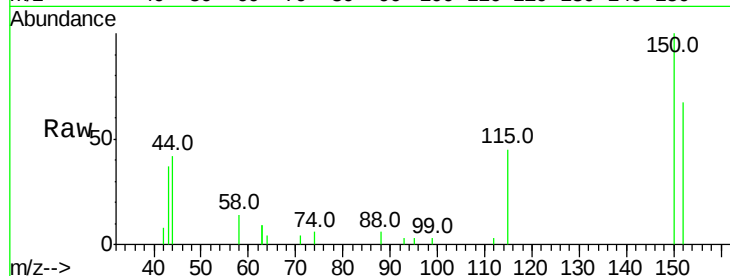
Tot Ion:152 Resp: 2110

Ion Ratio Lower Upper

152 100

150 148.8 121.8 182.6

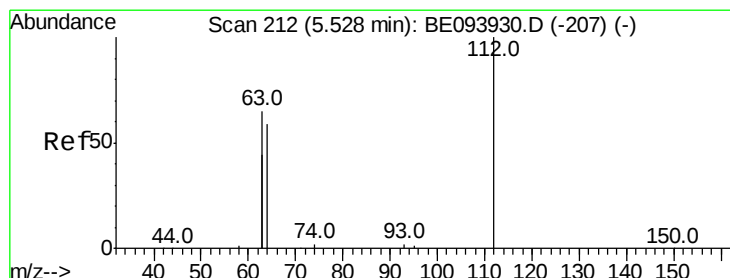
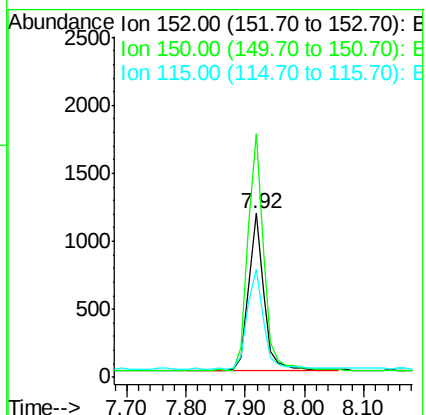
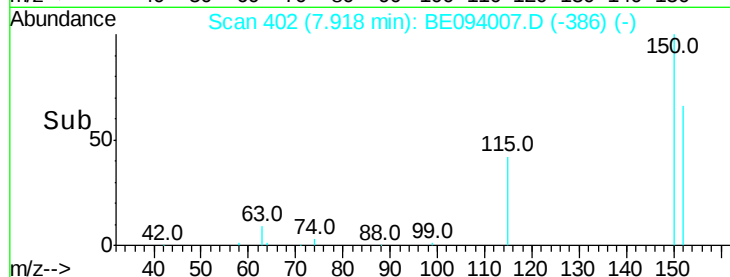
115 66.2 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

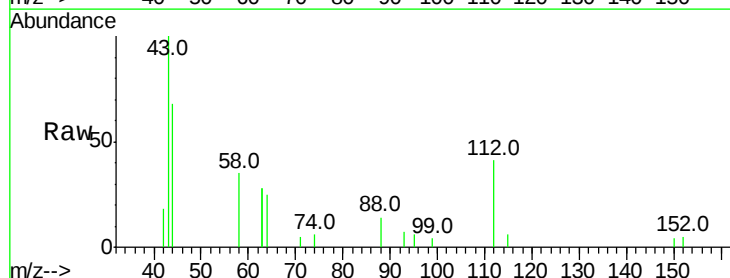
Tgt Ion:112 Resp: 925

Ion Ratio Lower Upper

112 100

64 73.0 57.7 86.5

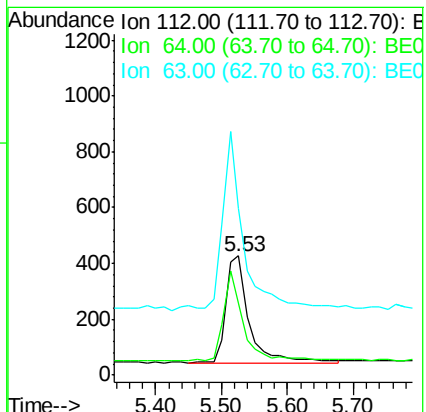
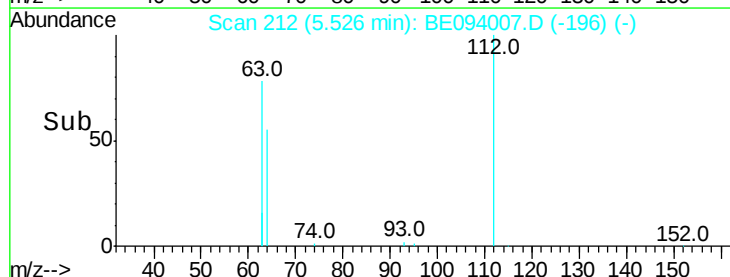
63 161.1 116.0 174.0

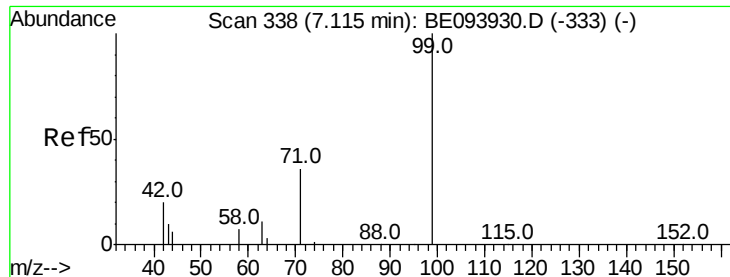


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.067 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

Instrument :

BNA_E

ClientSampleId :

C-MW-10-090717

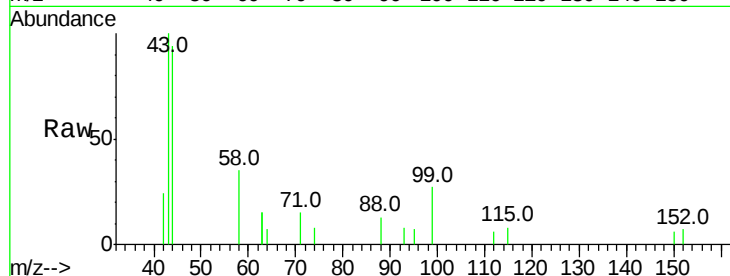
Tot Ion: 99 Resp: 683

Ion Ratio Lower Upper

99 100

42 18.2 17.1 25.7

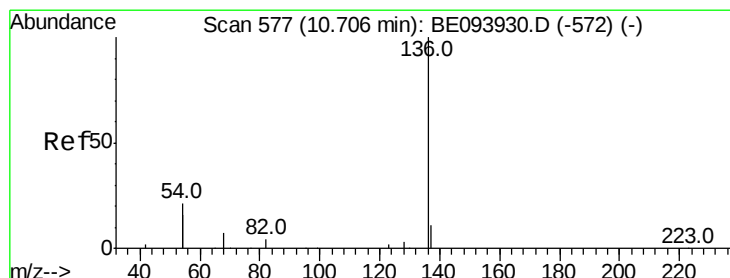
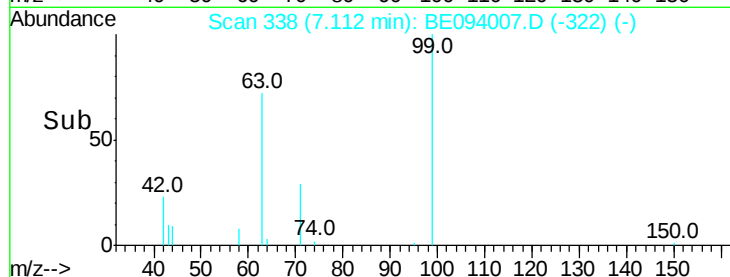
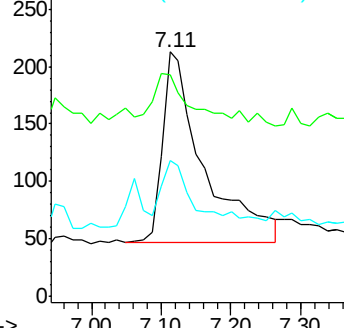
71 21.5 26.6 39.8#



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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

Tgt Ion: 136 Resp: 10120

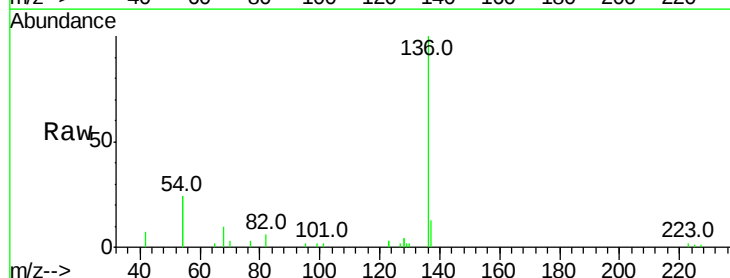
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 48.8 21.9 32.9#

68 9.7 4.6 7.0#

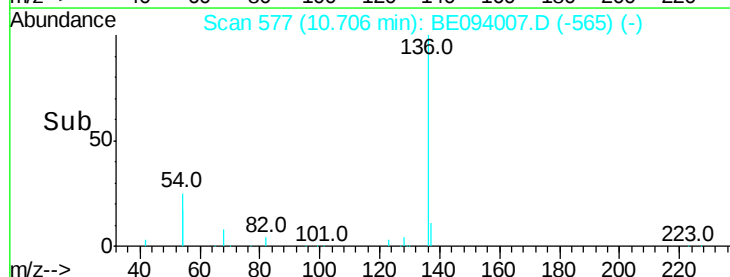
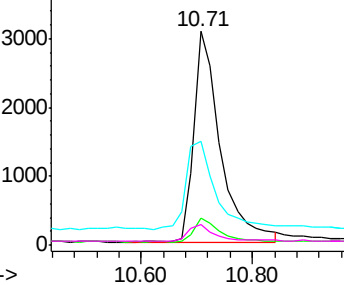


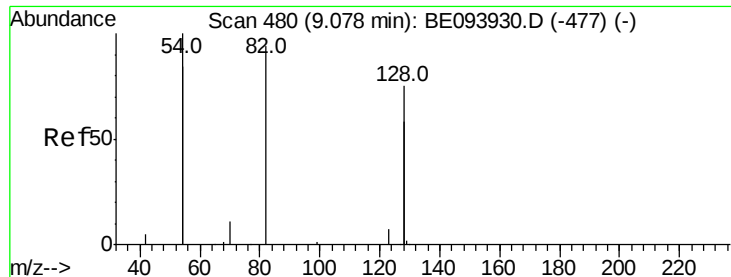
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

Instrument :

BNA_E

ClientSampleId :

C-MW-10-090717

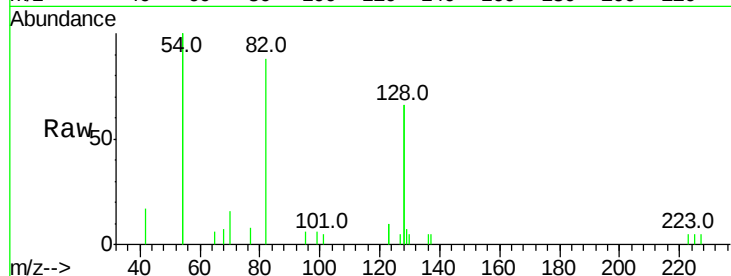
Tot Ion: 82 Resp: 2978

Ion Ratio Lower Upper

82 100

128 149.0 91.4 137.0#

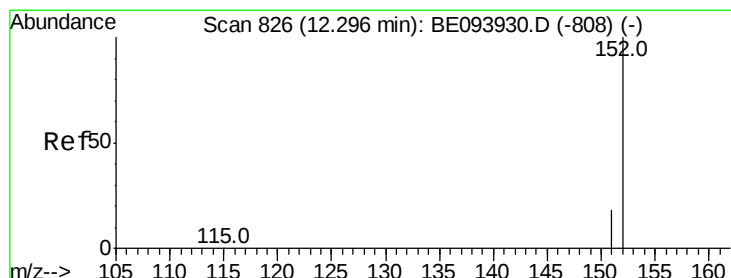
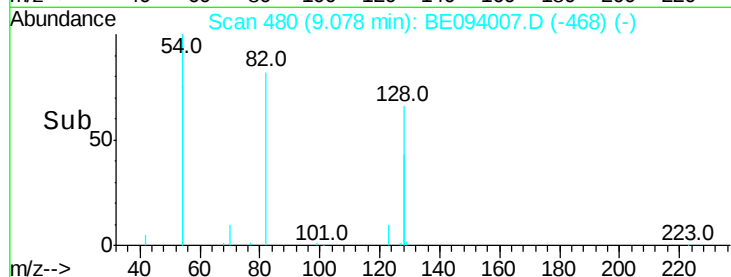
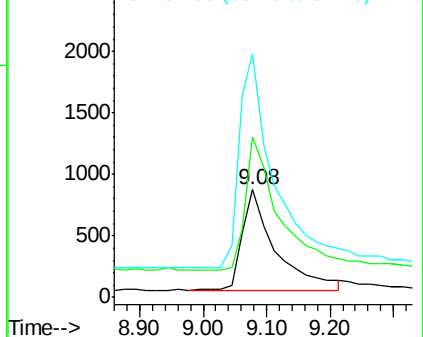
54 226.5 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE094007.D (-468) (-)

Ion 128.00 (127.70 to 128.70): BE094007.D (-468) (-)

Ion 54.00 (53.70 to 54.70): BE094007.D (-468) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE094007.D

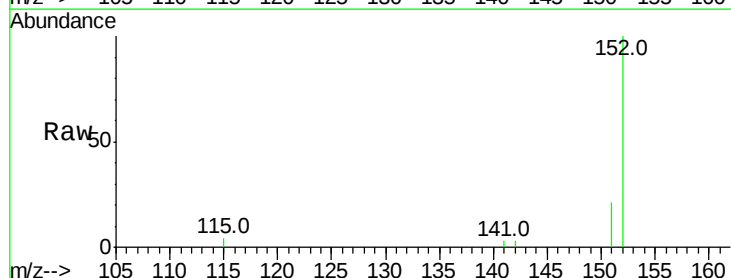
Acq: 14 Sep 2017 15:59

Tgt Ion: 152 Resp: 5470

Ion Ratio Lower Upper

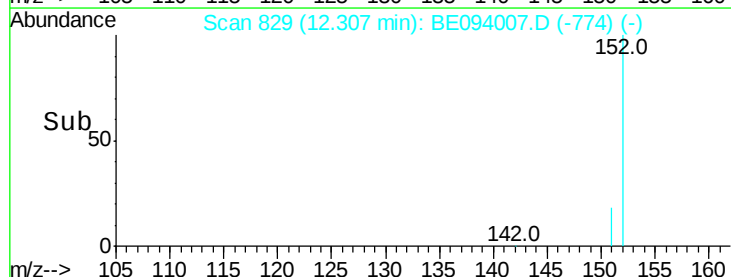
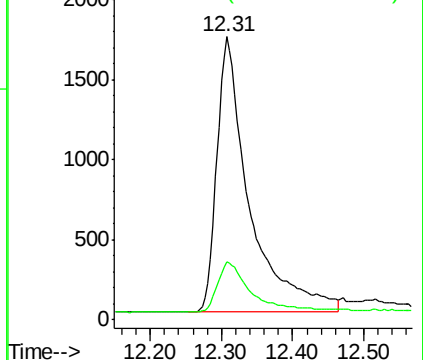
152 100

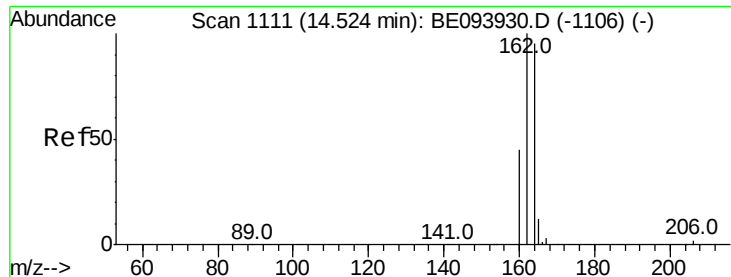
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094007.D (-774) (-)

Ion 151.00 (150.70 to 151.70): BE094007.D (-774) (-)

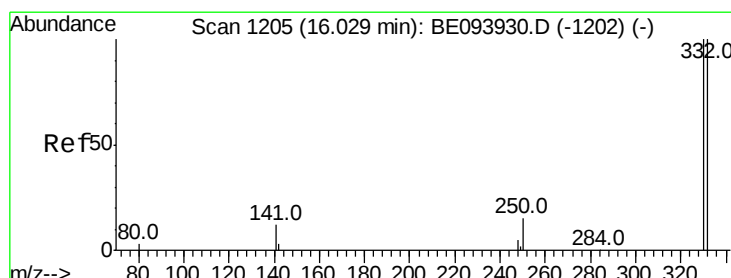
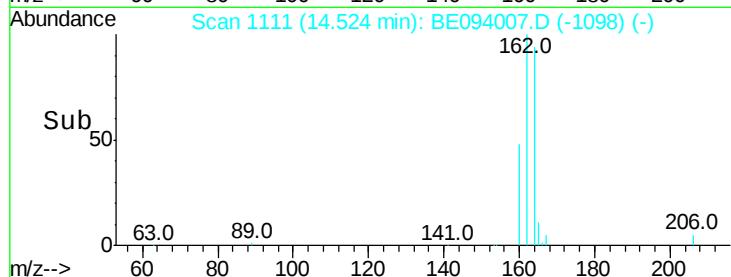
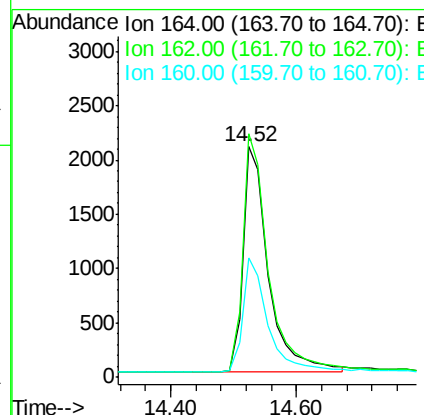
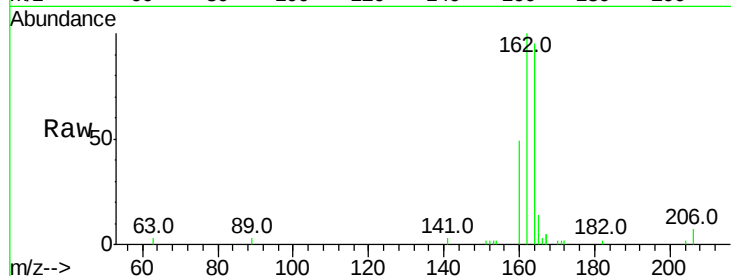




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE094007.D
 Acq: 14 Sep 2017 15:59

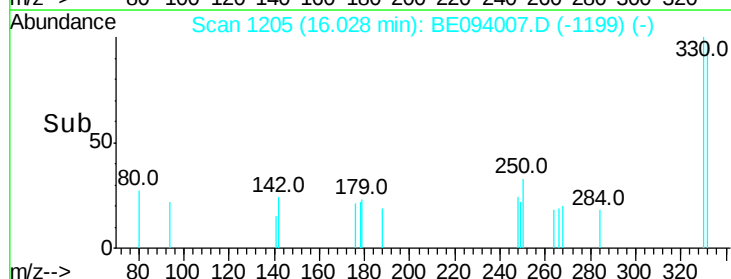
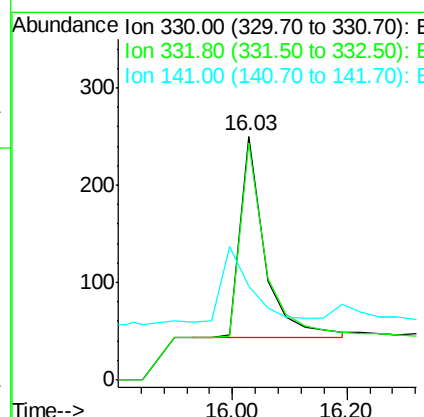
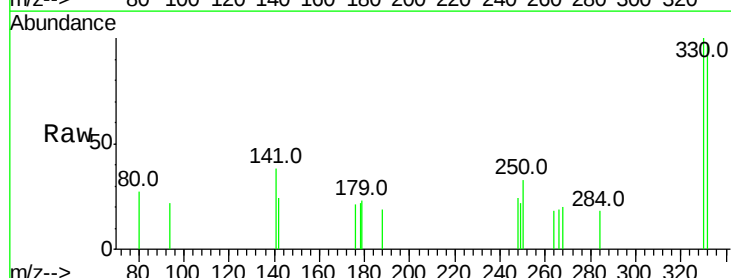
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-10-090717

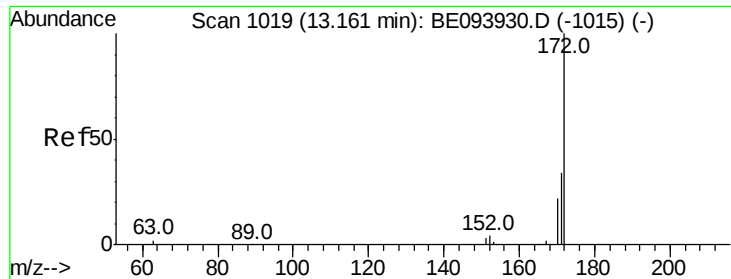
Tot Ion:164 Resp: 5850
 Ion Ratio Lower Upper
 164 100
 162 105.7 80.8 121.2
 160 51.9 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.331 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE094007.D
 Acq: 14 Sep 2017 15:59

Tgt Ion:330 Resp: 600
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.9 115.3
 141 0.0 0.0 0.0

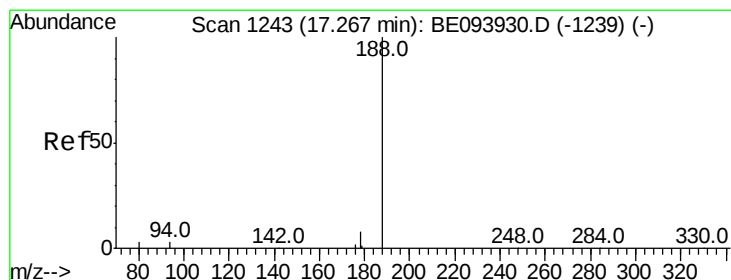
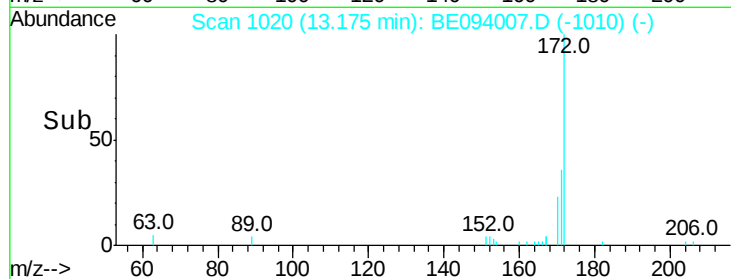
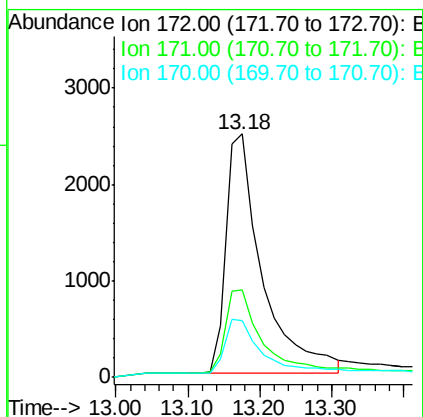
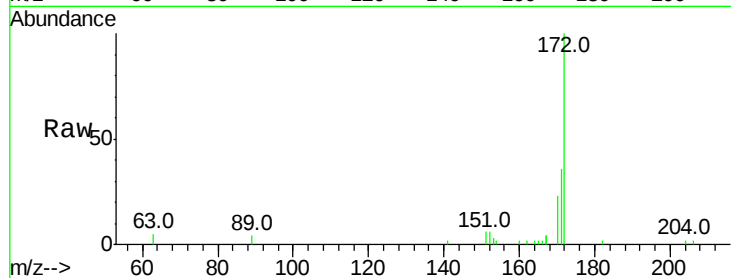




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.18 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094007.D
Acq: 14 Sep 2017 15:59

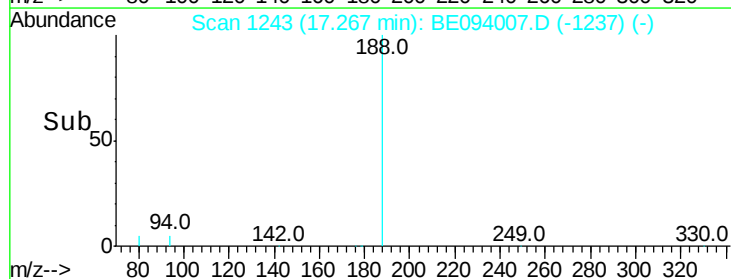
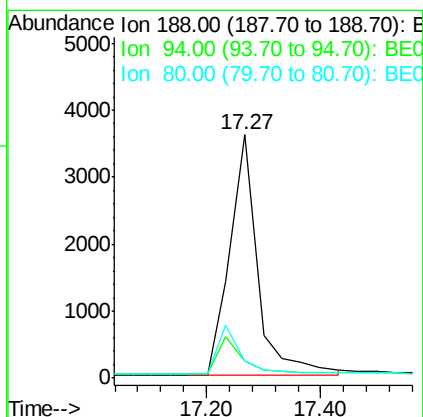
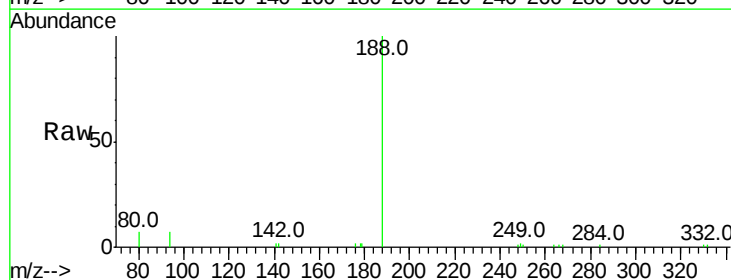
Instrument :
BNA_E
ClientSampleId :
C-MW-10-090717

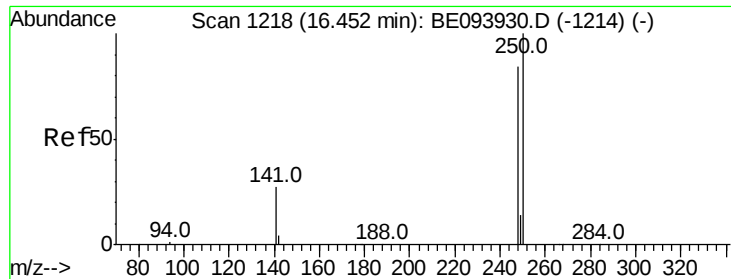
Tot Ion:172 Resp: 8695
Ion Ratio Lower Upper
172 100
171 35.8 26.9 40.3
170 23.4 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094007.D
Acq: 14 Sep 2017 15:59

Tgt Ion:188 Resp: 12040
Ion Ratio Lower Upper
188 100
94 6.9 16.1 24.1#
80 7.0 18.2 27.2#

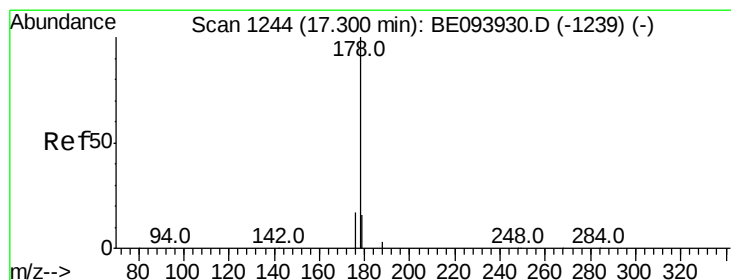
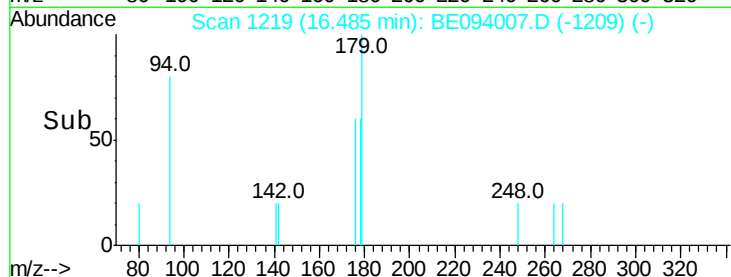
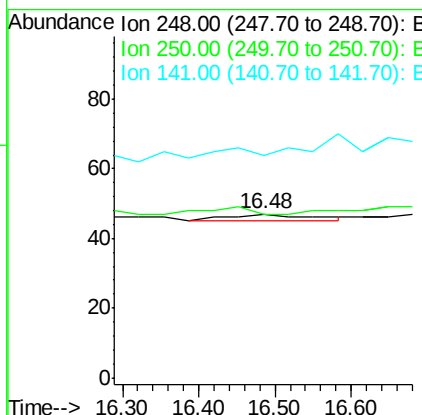
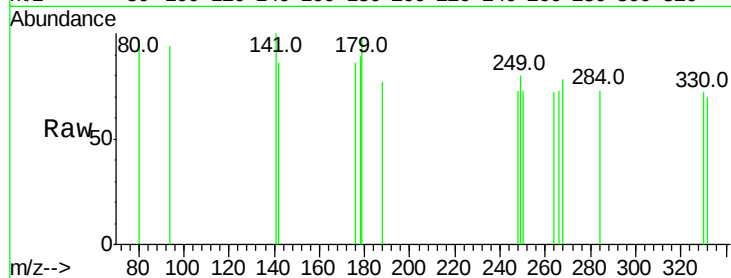




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.48 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094007.D
Acq: 14 Sep 2017 15:59

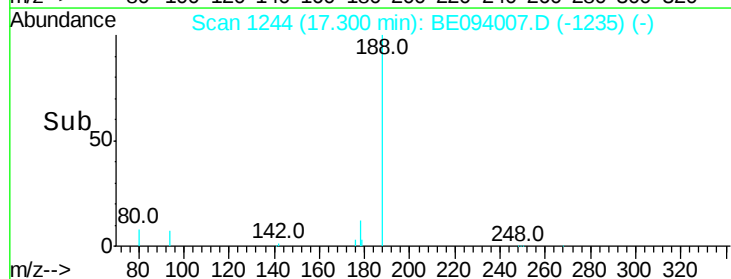
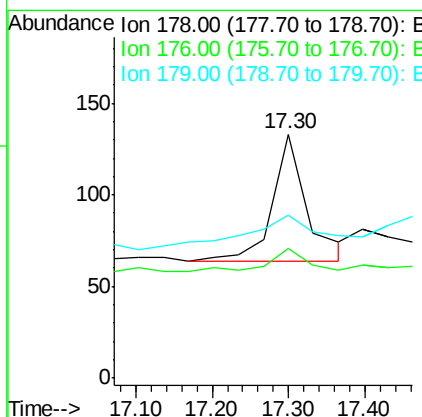
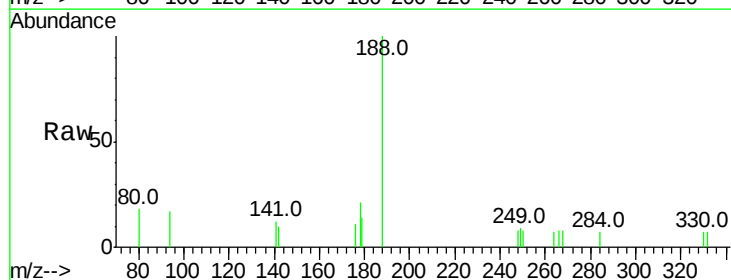
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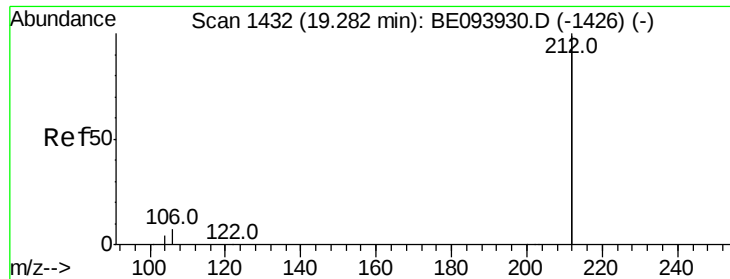
Tot Ion:248 Resp: 14
Ion Ratio Lower Upper
248 100
250 100.0 111.8 167.8#
141 136.2 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094007.D
Acq: 14 Sep 2017 15:59

Tgt Ion:178 Resp: 217
Ion Ratio Lower Upper
178 100
176 21.7 0.0 0.0#
179 66.8 12.6 18.8#

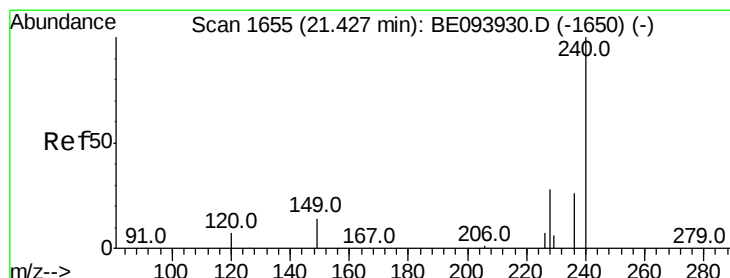
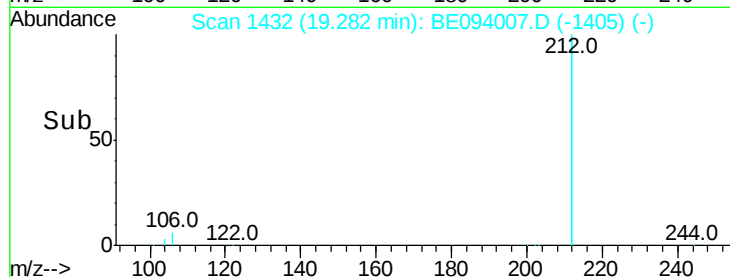
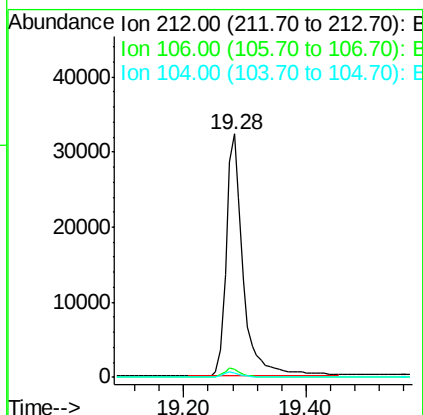
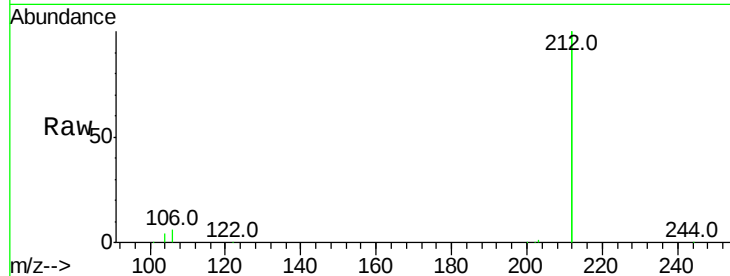




#25
 Fluoranthene-d10
 Concen: 0.343 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE094007.D
 Acq: 14 Sep 2017 15:59

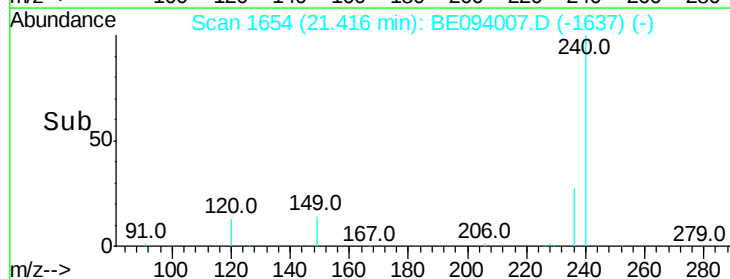
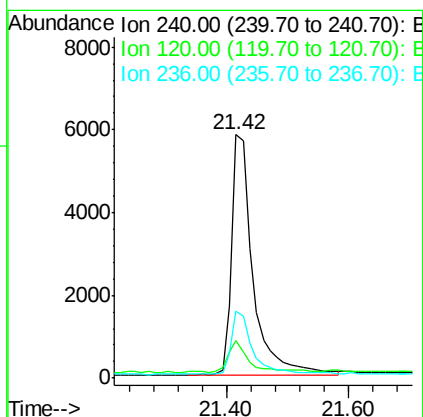
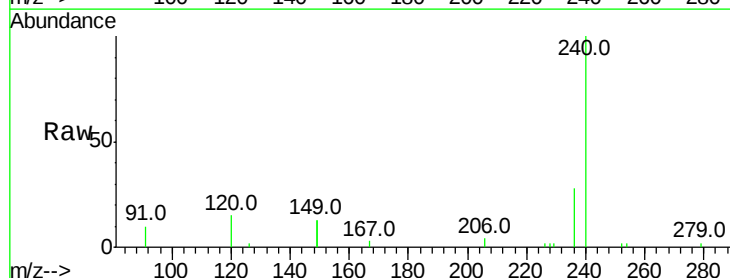
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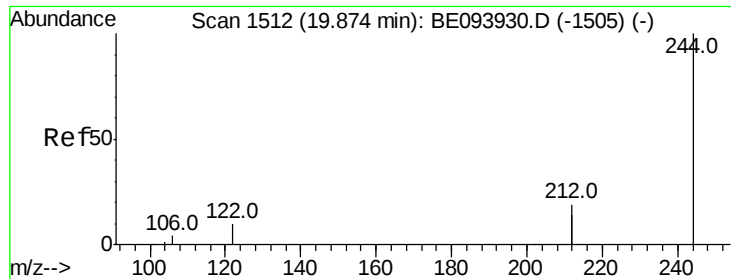
Tot Ion:212 Resp: 61594
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE094007.D
 Acq: 14 Sep 2017 15:59

Tgt Ion:240 Resp: 14032
 Ion Ratio Lower Upper
 240 100
 120 15.2 8.7 13.1#
 236 27.8 21.3 31.9





#29

Terphenyl-d14

Concen: 0.520 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

Instrument :

BNA_E

ClientSampleId :

C-MW-10-090717

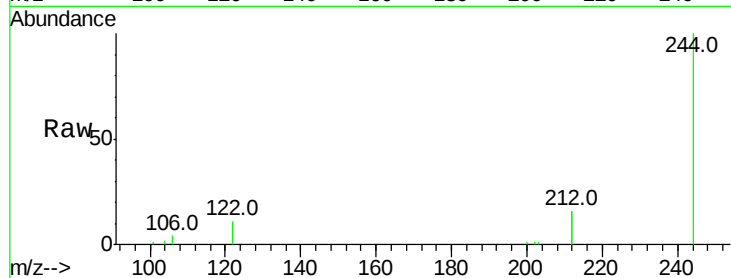
Tot Ion:244 Resp: 13431

Ion Ratio Lower Upper

244 100

212 32.5 28.3 42.5

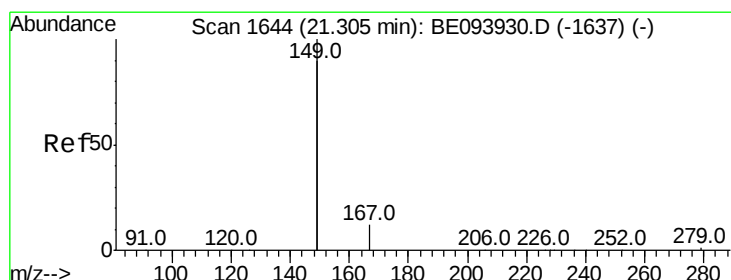
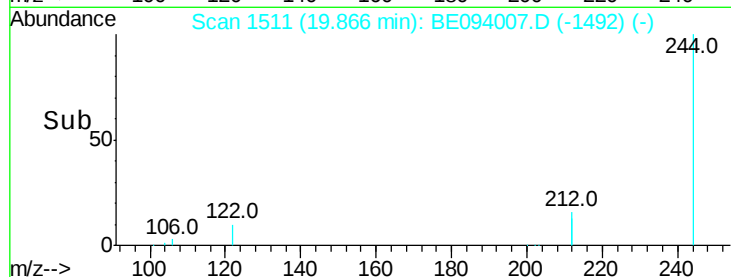
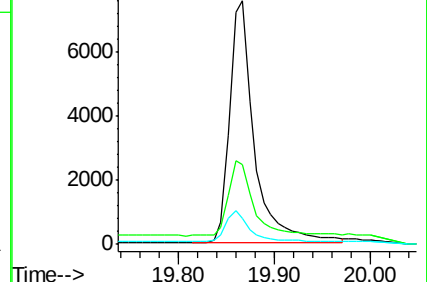
122 10.9 9.4 14.0



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: 0.025 ng

RT: 21.29 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

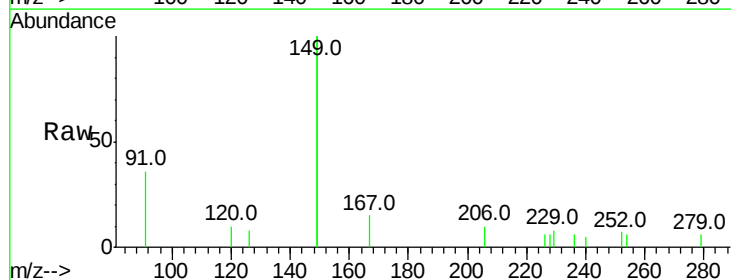
Tgt Ion:149 Resp: 2667

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

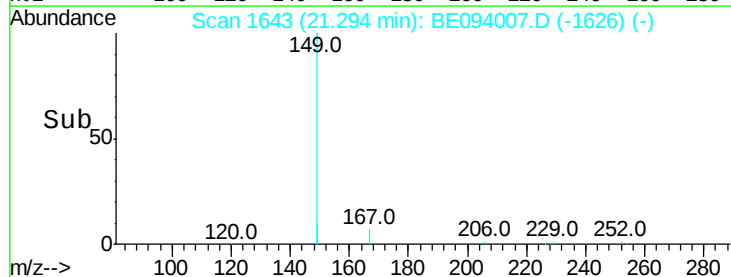
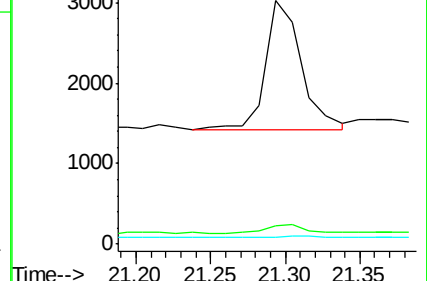
279 0.9 0.7 1.1

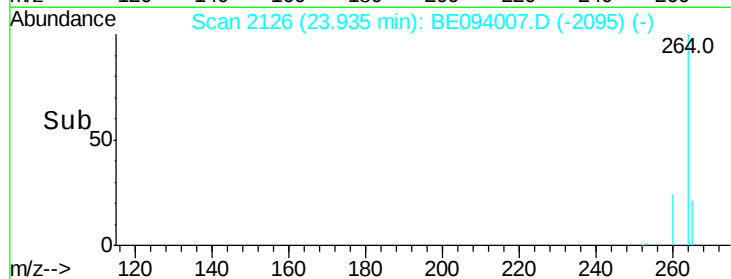
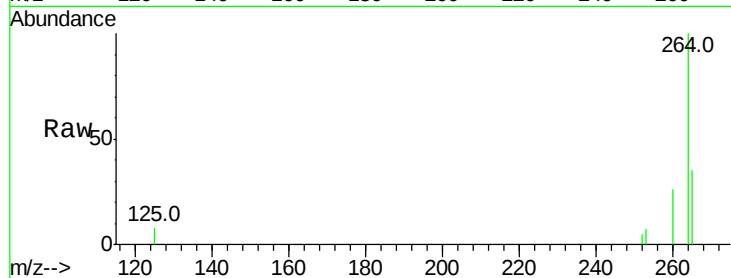
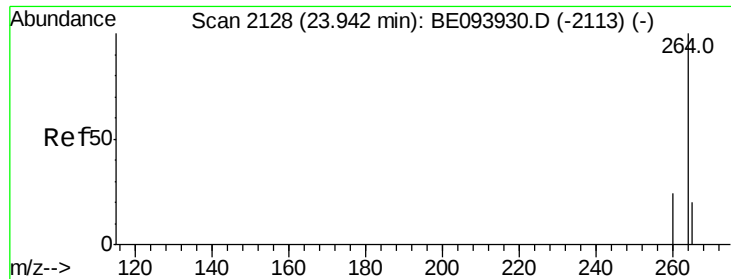


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE094007.D

Acq: 14 Sep 2017 15:59

Instrument :

BNA_E

ClientSampleId :

C-MW-10-090717

Tot Ion: 264 Resp: 10796

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 35.4 24.0 36.0

