

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094004.D
 Acq On : 14 Sep 2017 14:09
 Operator : SJ/JU
 Sample : I5189-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-090817

Quant Time: Sep 15 00:50:41 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

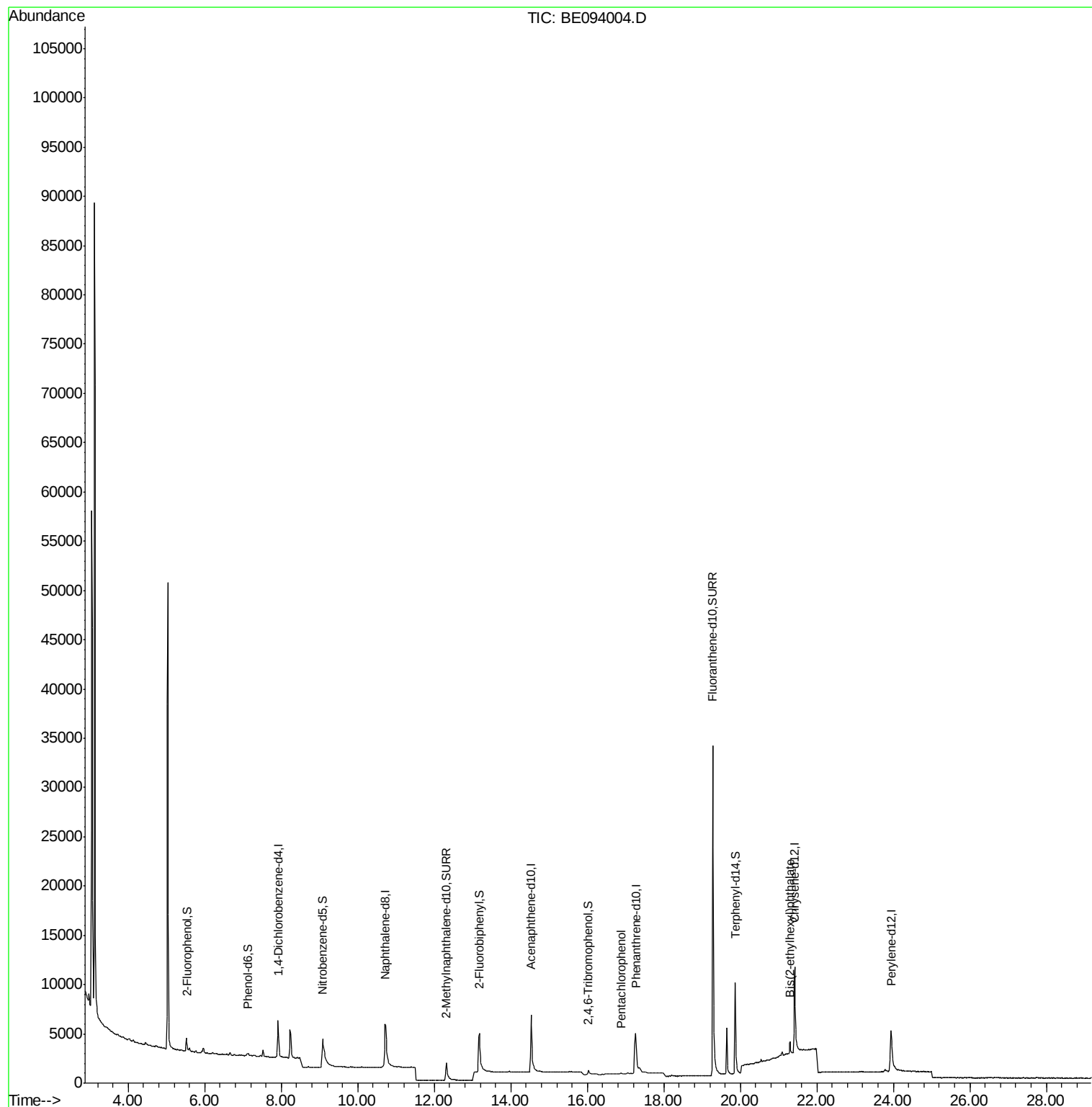
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2104	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9917	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	5943	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13573	0.40	ng	0.00
27) Chrysene-d12	21.43	240	14444	0.40	ng	0.00
34) Perylene-d12	23.94	264	10561	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	955	0.14	ng	0.00
5) Phenol-d6	7.12	99	665	0.07	ng	0.01
8) Nitrobenzene-d5	9.08	82	2849	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5376	0.34	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	595	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8146	0.35	ng	0.02
25) Fluoranthene-d10	19.28	212	61678	0.30	ng	0.00
29) Terphenyl-d14	19.87	244	11766	0.44	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.32	248	6	Below Cal	#	39
22) Pentachlorophenol	16.88	266	176	0.082 ng	#	84
23) Phenanthrene	17.30	178	268	Below Cal	#	70
32) Bis(2-ethylhexyl)phthalate	21.30	149	2417	0.022 ng	#	96

(#) = 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: BE094004.D

Acq: 14 Sep 2017 14:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-090817

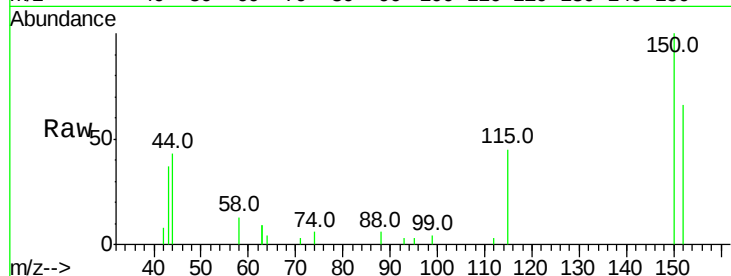
Tot Ion:152 Resp: 2104

Ion Ratio Lower Upper

152 100

150 151.8 121.8 182.6

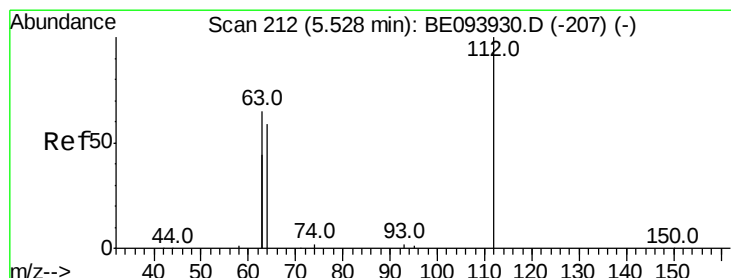
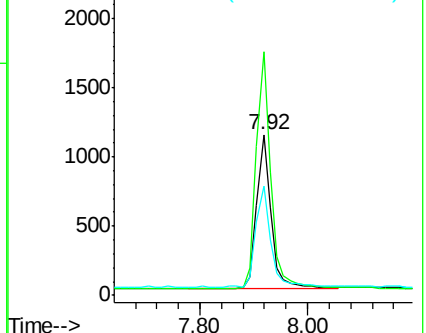
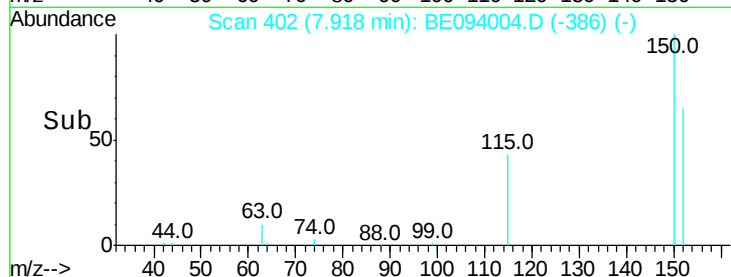
115 68.3 52.6 79.0



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: 0.140 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

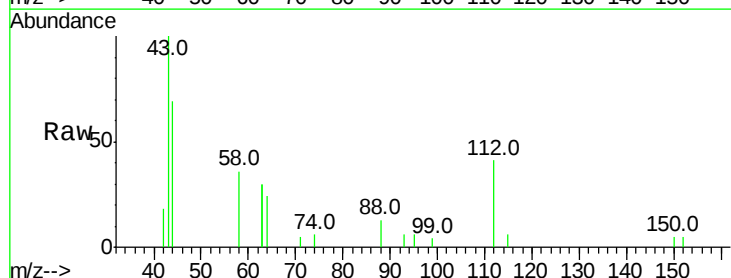
Tgt Ion:112 Resp: 955

Ion Ratio Lower Upper

112 100

64 70.9 57.7 86.5

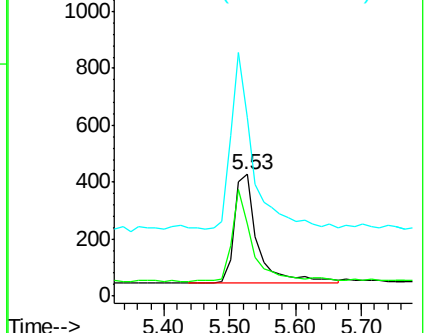
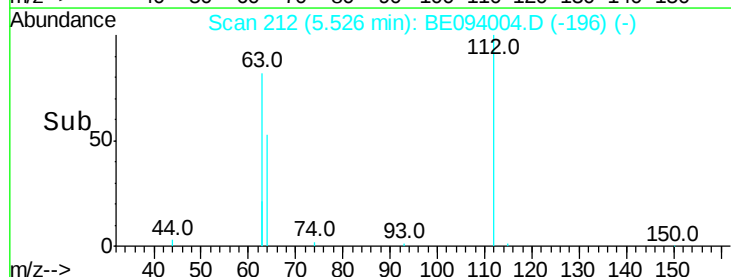
63 153.0 116.0 174.0

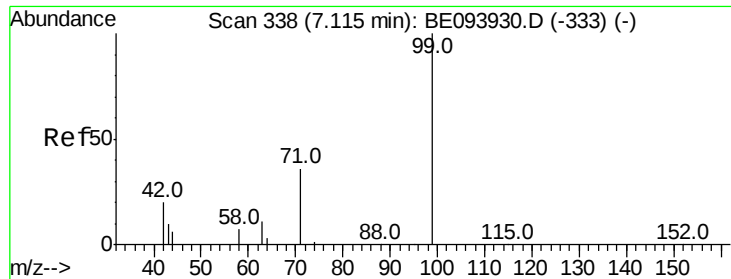


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.065 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-090817

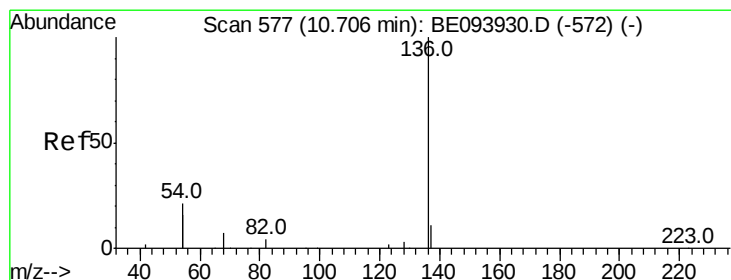
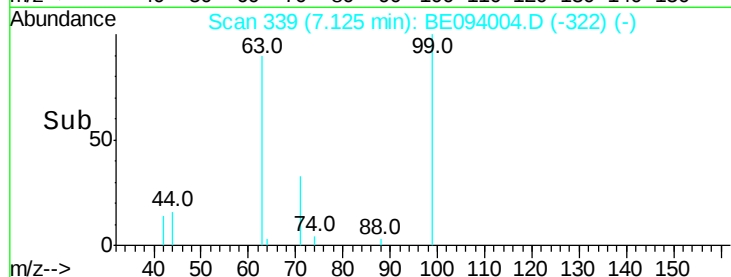
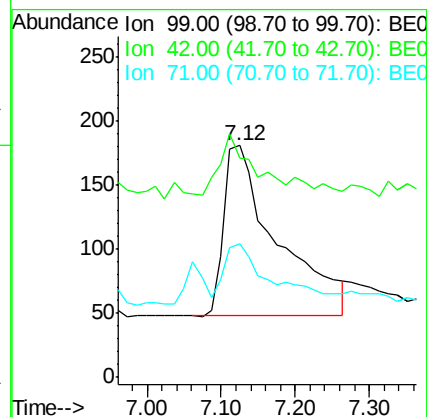
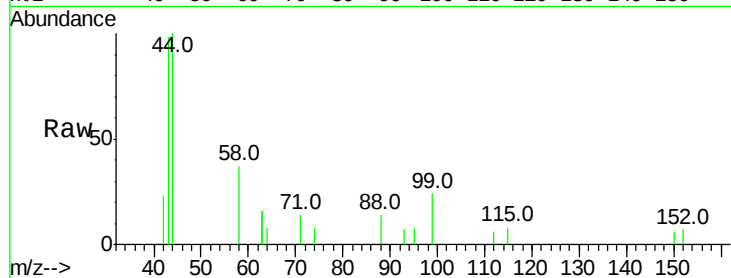
Tot Ion: 99 Resp: 665

Ion Ratio Lower Upper

99 100

42 22.3 17.1 25.7

71 25.4 26.6 39.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

Tgt Ion: 136 Resp: 9917

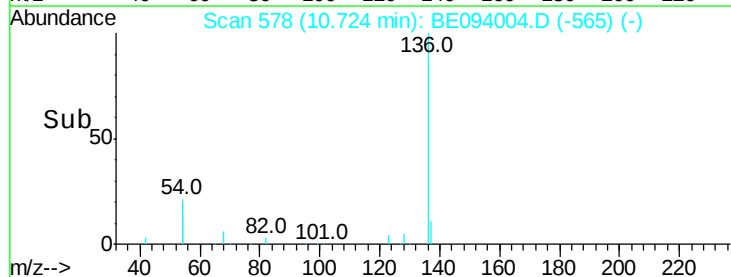
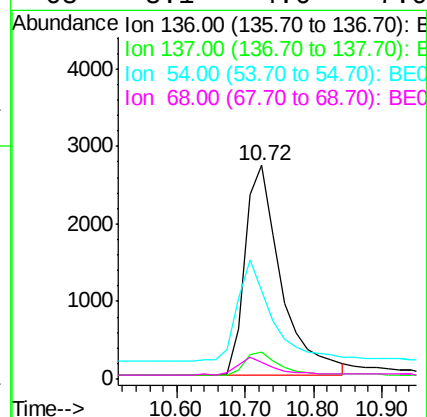
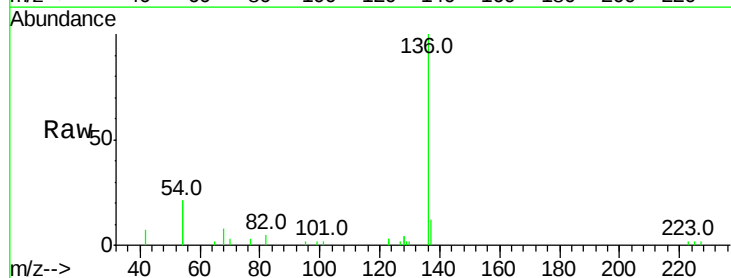
Ion Ratio Lower Upper

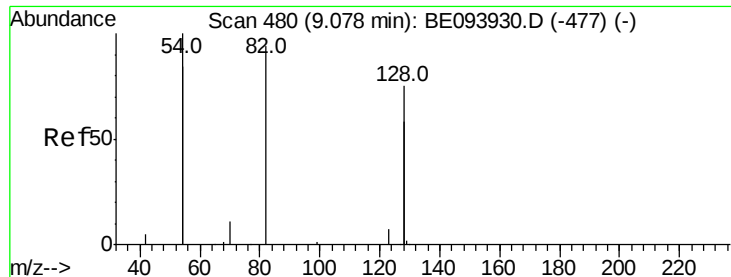
136 100

137 12.3 9.2 13.8

54 41.6 21.9 32.9#

68 8.1 4.6 7.0#

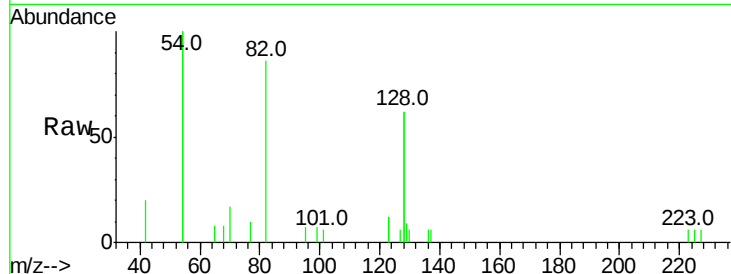




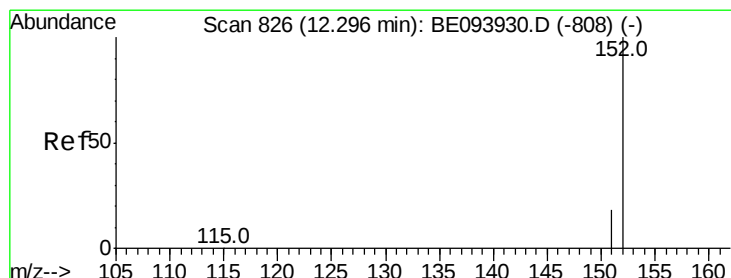
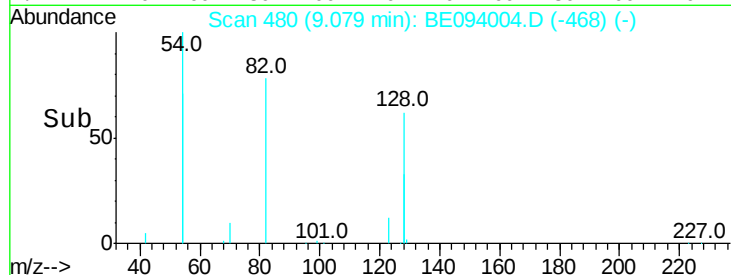
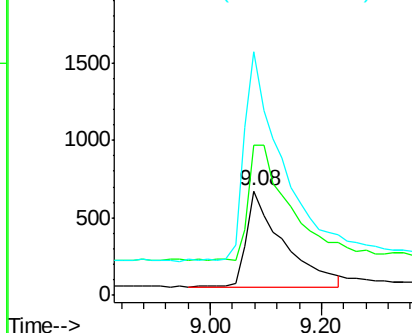
#8
 Nitrobenzene-d5
 Concen: 0.340 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BE094004.D
 Acq: 14 Sep 2017 14:09

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-090817

Tot Ion: 82 Resp: 2849
 Ion Ratio Lower Upper
 82 100
 128 144.4 91.4 137.0#
 54 233.3 197.8 296.8

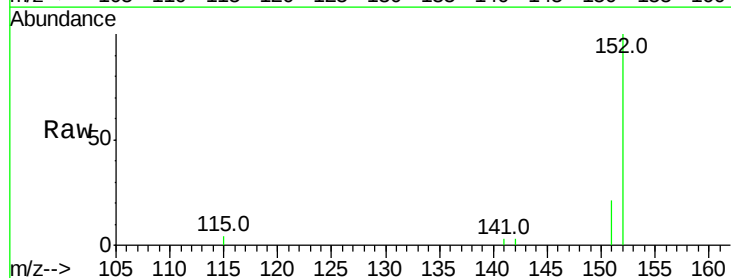


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

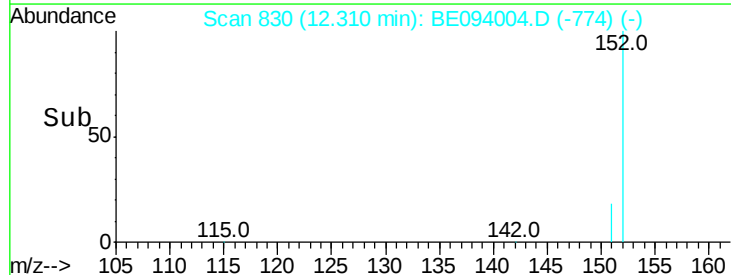
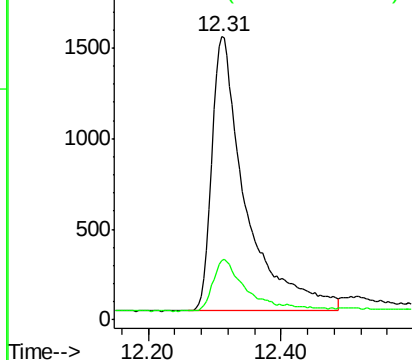


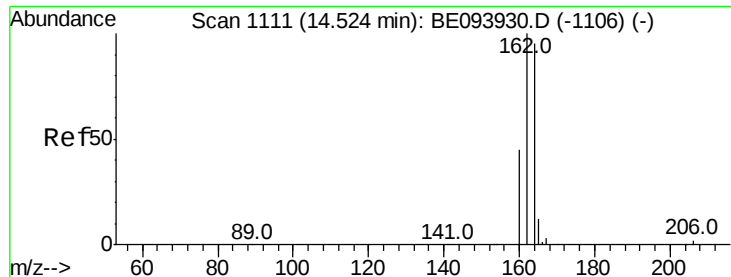
#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.31 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BE094004.D
 Acq: 14 Sep 2017 14:09

Tgt Ion: 152 Resp: 5376
 Ion Ratio Lower Upper
 152 100
 151 17.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

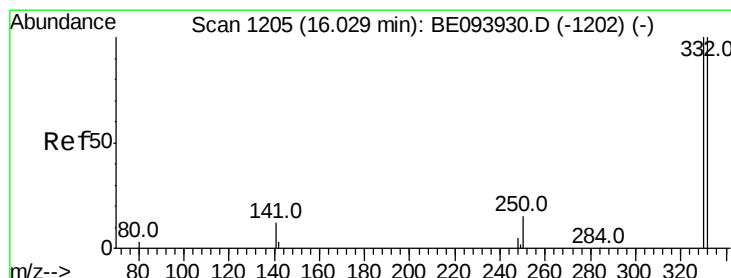
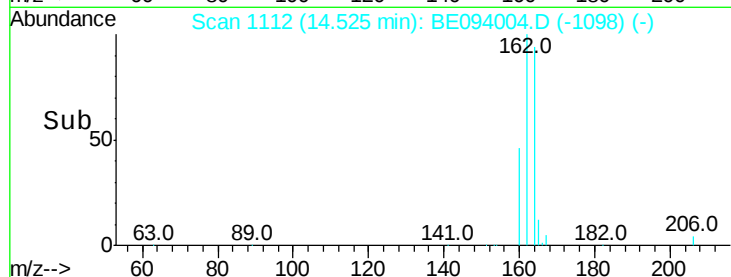
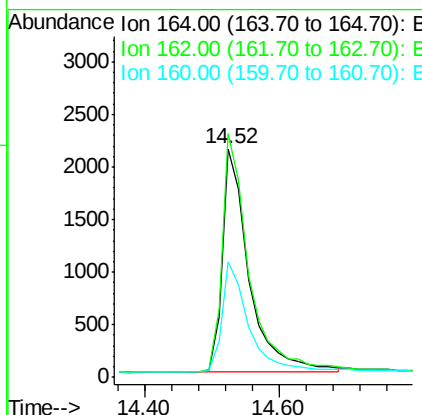
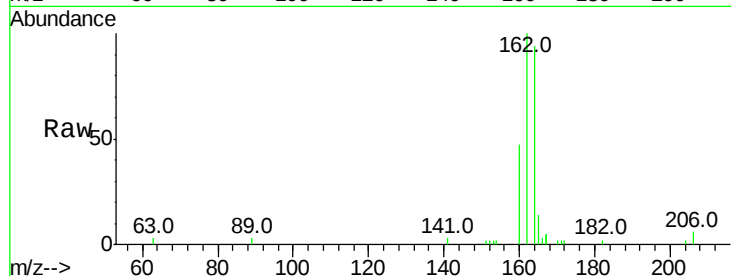




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE094004.D
 Acq: 14 Sep 2017 14:09

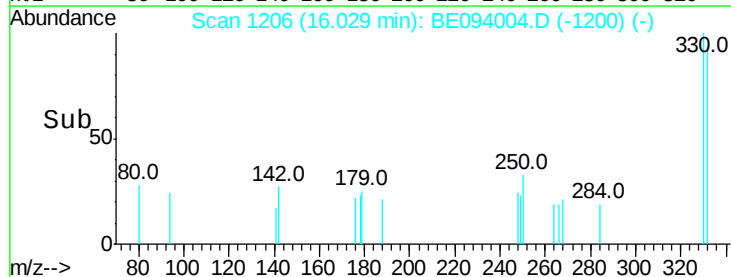
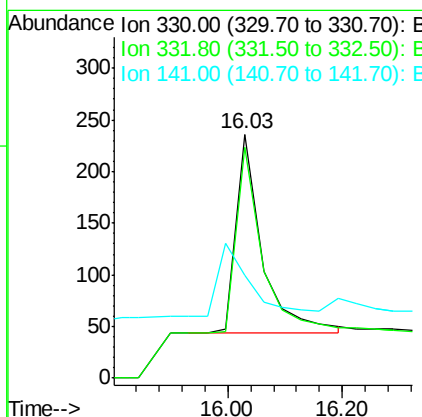
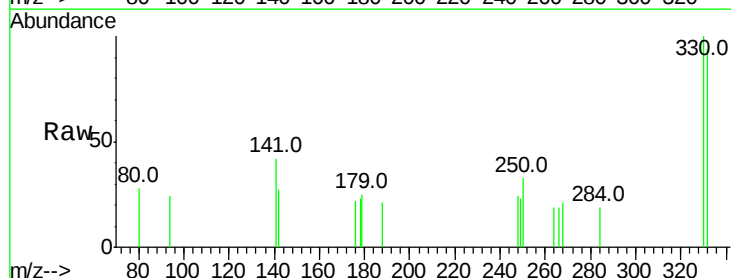
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-090817

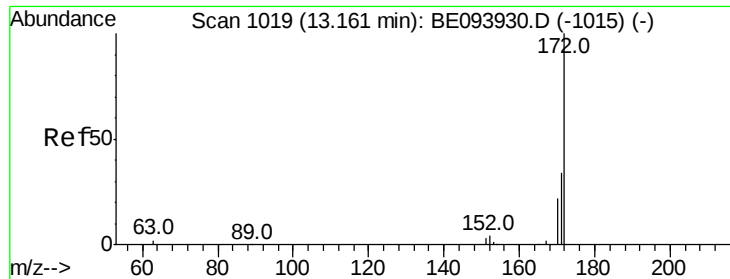
Tot Ion:164 Resp: 5943
 Ion Ratio Lower Upper
 164 100
 162 106.5 80.8 121.2
 160 50.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094004.D
 Acq: 14 Sep 2017 14:09

Tgt Ion:330 Resp: 595
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.9 115.3
 141 0.0 0.0 0.0

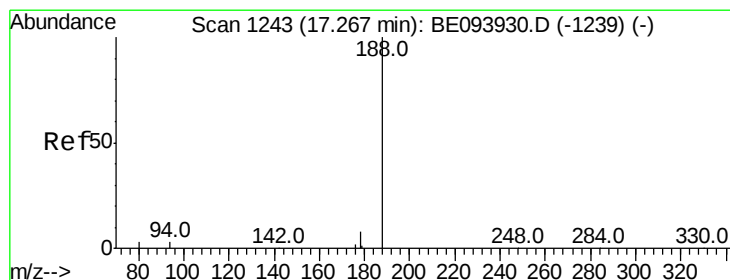
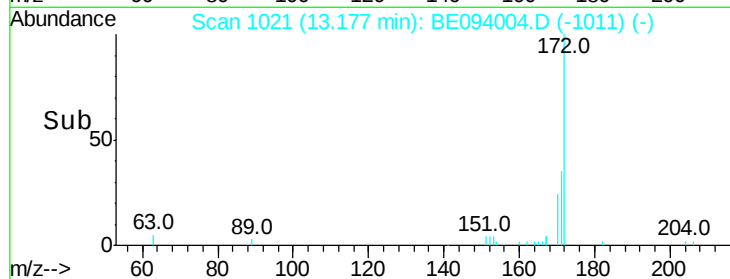
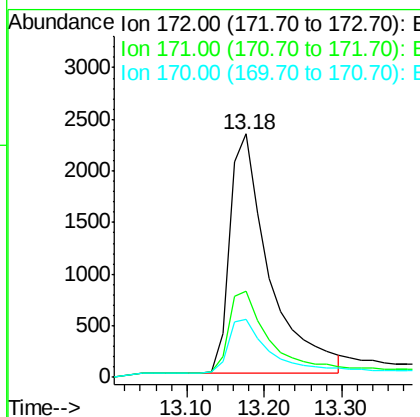
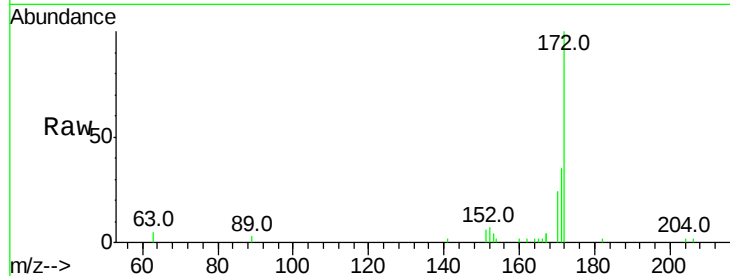




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE094004.D
Acq: 14 Sep 2017 14:09

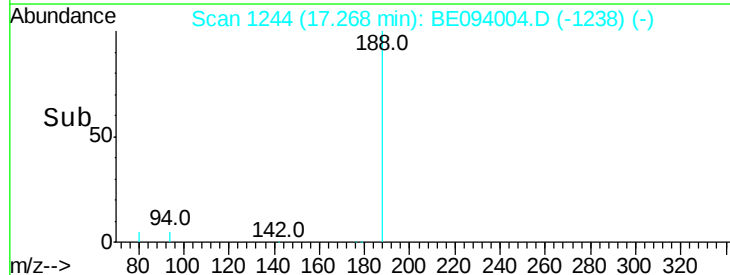
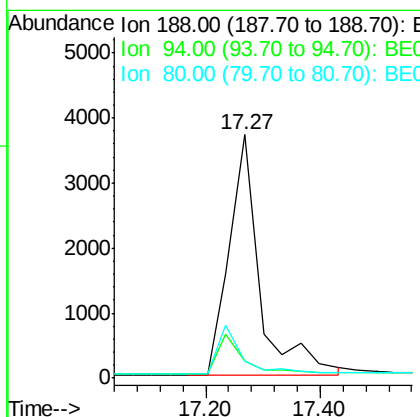
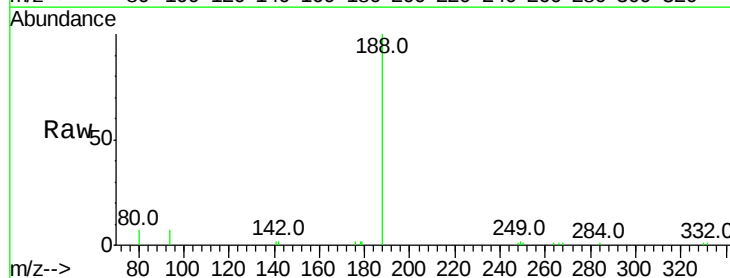
Instrument :
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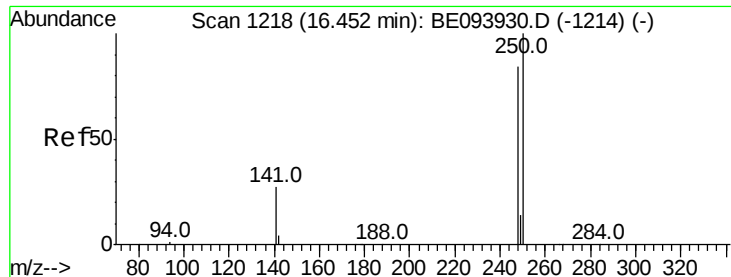
Tot Ion:172 Resp: 8146
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 23.8 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094004.D
Acq: 14 Sep 2017 14:09

Tgt Ion:188 Resp: 13573
Ion Ratio Lower Upper
188 100
94 7.0 16.1 24.1#
80 7.1 18.2 27.2#

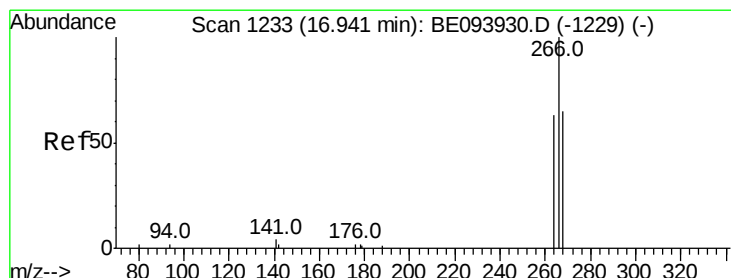
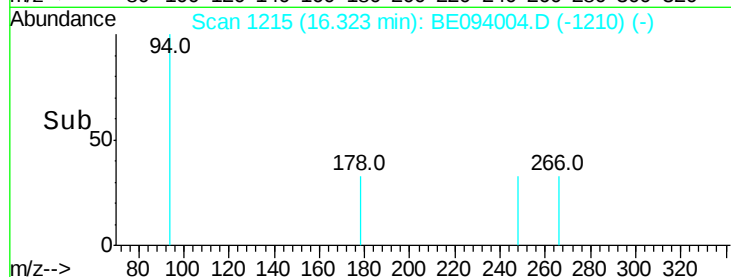
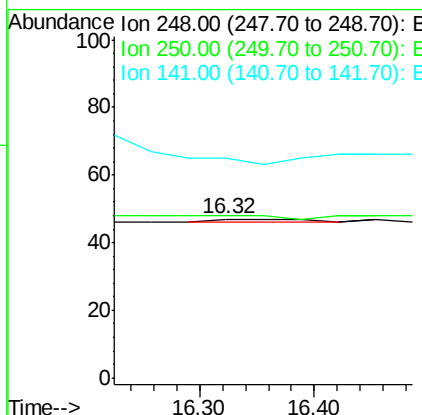
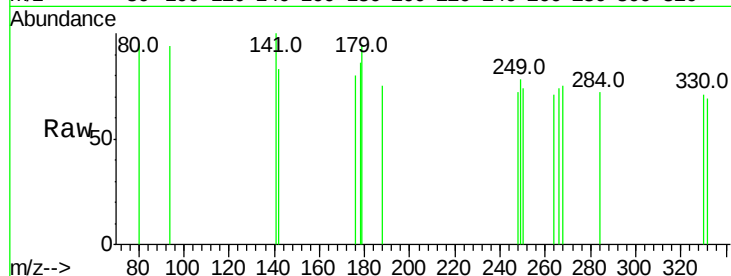




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.32 min Scan# 1215
Delta R.T. -0.13 min
Lab File: BE094004.D
Acq: 14 Sep 2017 14:09

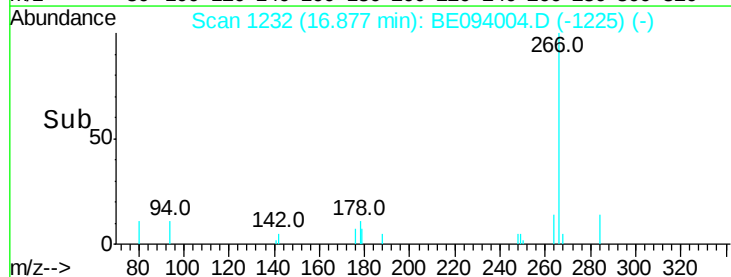
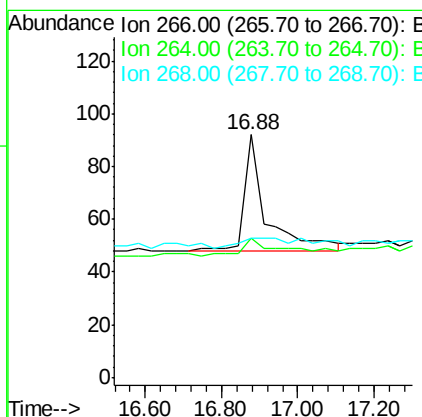
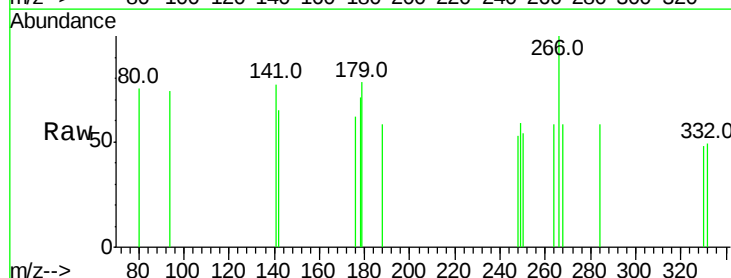
Instrument :
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C-MW-06-090817

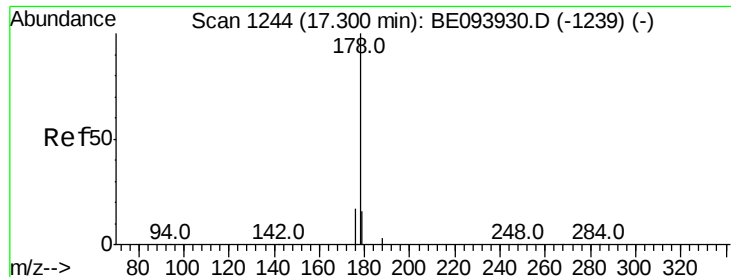
Tot Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 102.1 111.8 167.8#
141 138.3 27.1 40.7#



#22
Pentachlorophenol
Concen: 0.082 ng
RT: 16.88 min Scan# 1232
Delta R.T. -0.06 min
Lab File: BE094004.D
Acq: 14 Sep 2017 14:09

Tgt Ion:266 Resp: 176
Ion Ratio Lower Upper
266 100
264 57.6 53.5 80.3
268 57.6 60.0 90.0#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-090817

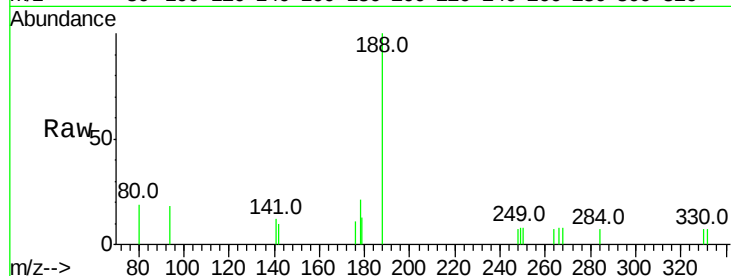
Tot Ion:178 Resp: 268

Ion Ratio Lower Upper

178 100

176 24.3 0.0 0.0#

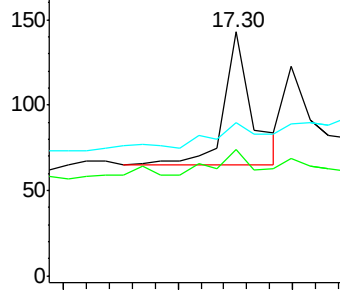
179 28.4 12.6 18.8#



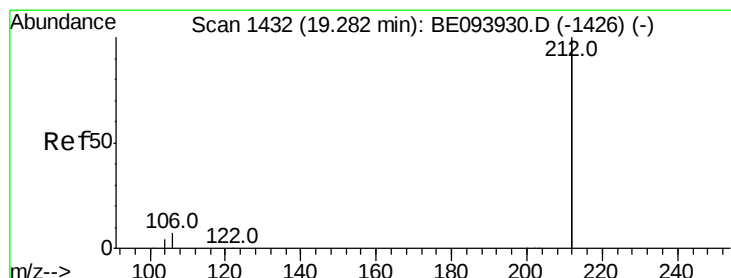
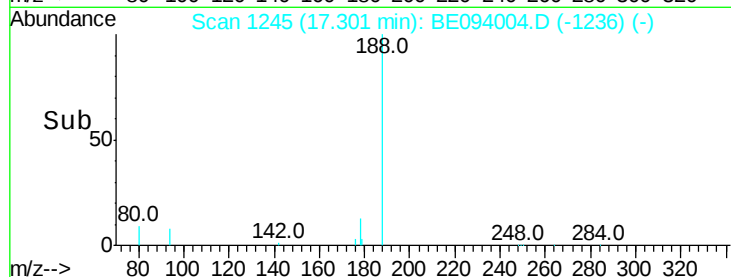
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

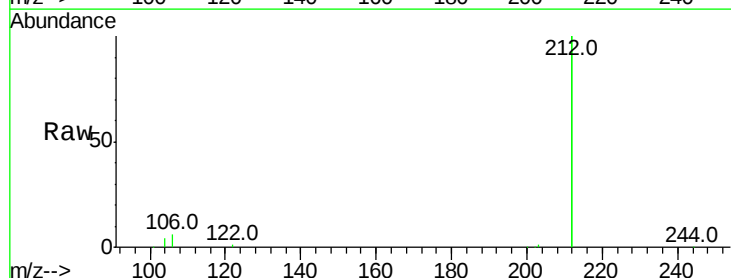
Tgt Ion:212 Resp: 61678

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

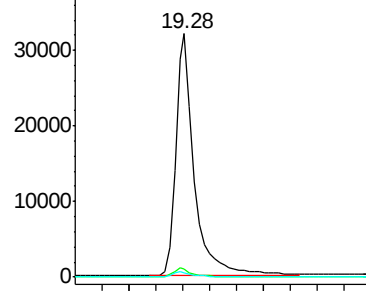
104 1.9 1.6 2.4



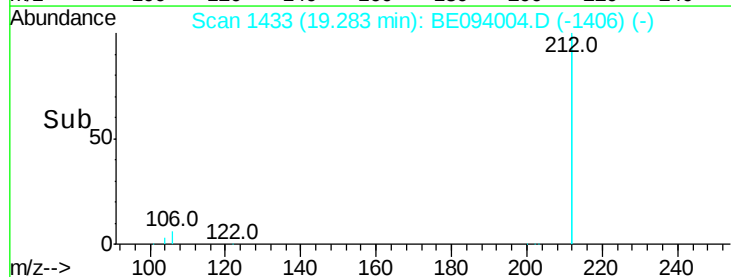
Abundance Ion 212.00 (211.70 to 212.70): E

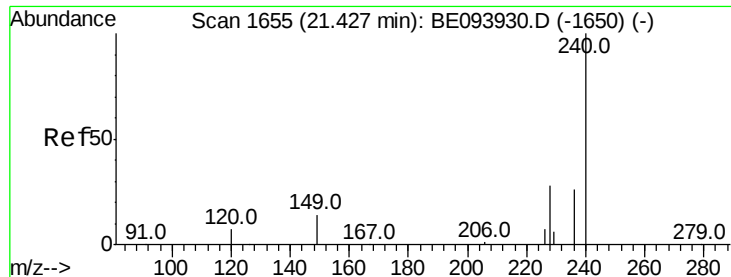
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

Instrument :

BNA_E

ClientSampleId :

C-MW-06-090817

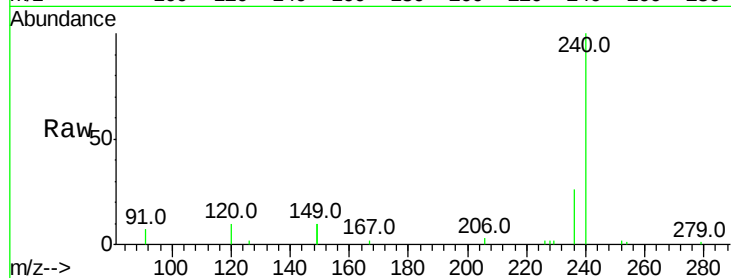
Tot Ion:240 Resp: 14444

Ion Ratio Lower Upper

240 100

120 10.3 8.7 13.1

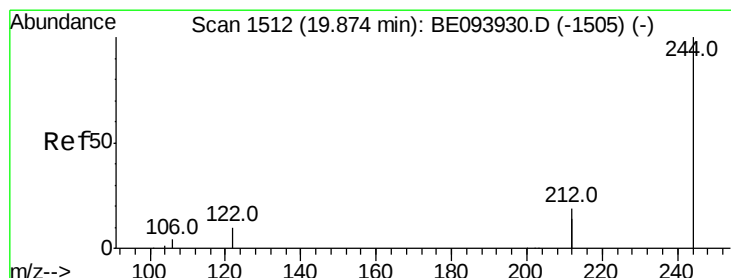
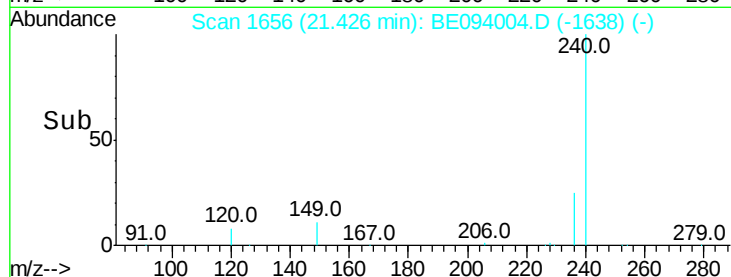
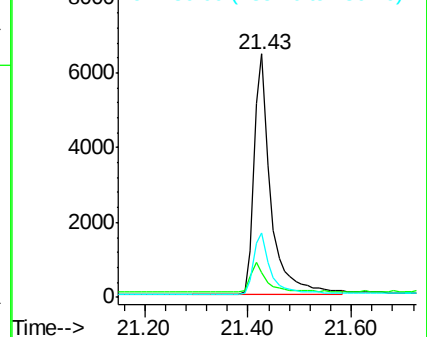
236 26.5 21.3 31.9



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: 0.443 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE094004.D

Acq: 14 Sep 2017 14:09

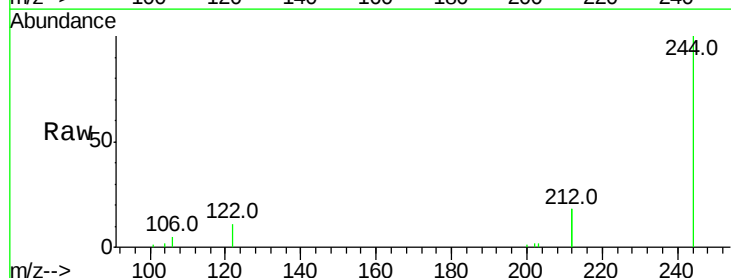
Tgt Ion:244 Resp: 11766

Ion Ratio Lower Upper

244 100

212 35.4 28.3 42.5

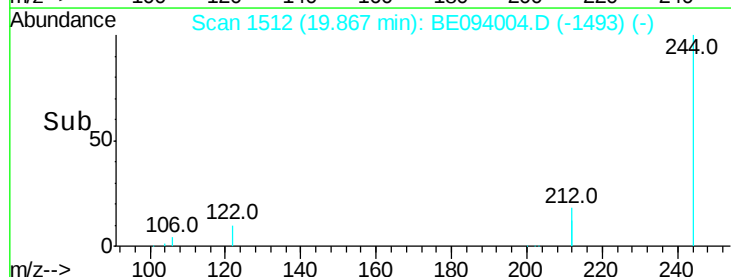
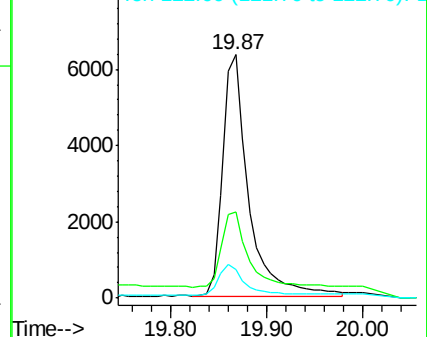
122 11.5 9.4 14.0

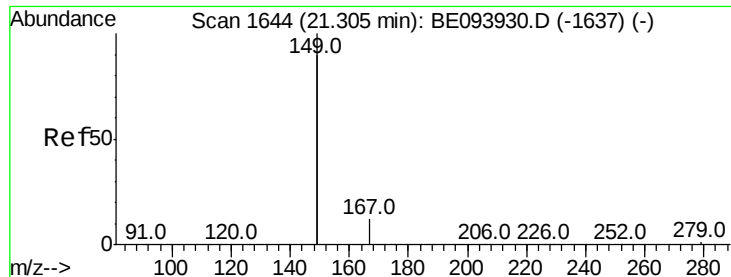


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

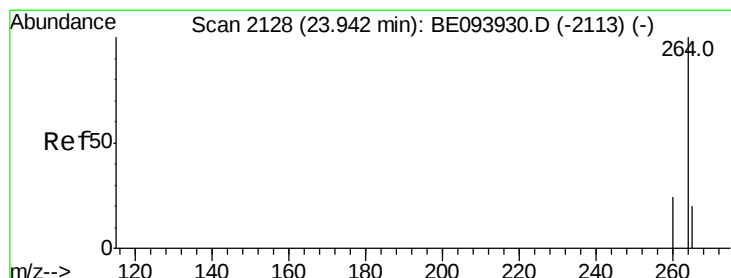
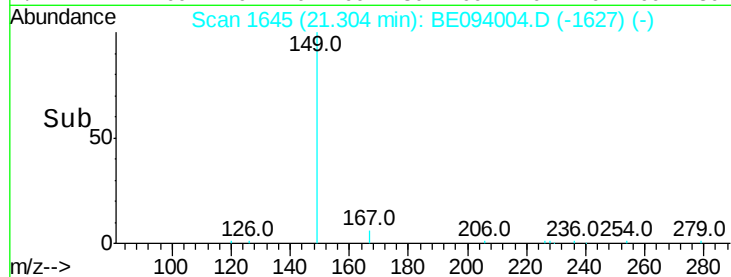
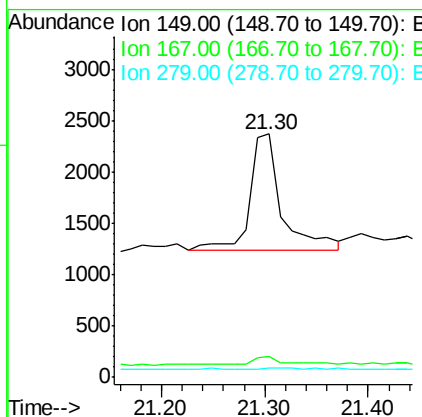
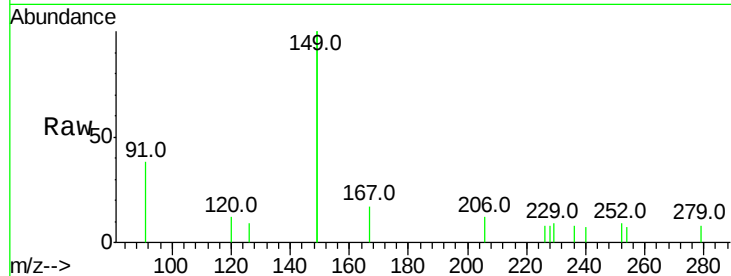




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE094004.D
 Acq: 14 Sep 2017 14:09

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-090817

Tot Ion:149 Resp: 2417
 Ion Ratio Lower Upper
 149 100
 167 5.0 5.4 8.0#
 279 1.1 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE094004.D
 Acq: 14 Sep 2017 14:09

Tgt Ion:264 Resp: 10561
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 35.8 24.0 36.0

