

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093124.D
 Acq On : 13 Jun 2017 4:58
 Operator : SJ/MA
 Sample : I3460-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-111

Quant Time: Jun 13 07:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

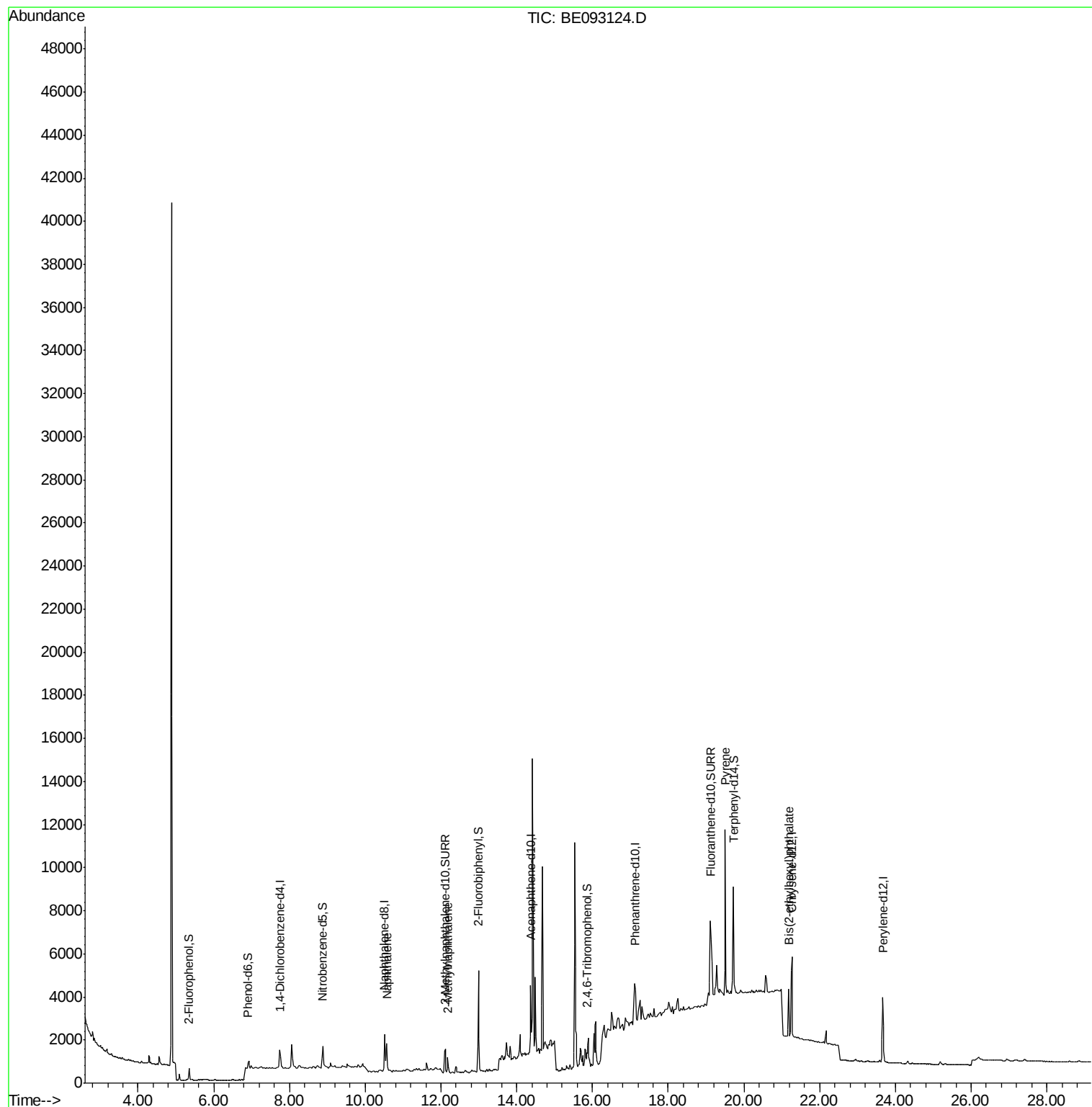
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	567	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2876	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	2741	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3415	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5145	0.40	ng	0.00
34) Perylene-d12	23.67	264	4373	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	409	0.24	ng	0.00
5) Phenol-d6	6.90	99	334	0.14	ng	0.00
8) Nitrobenzene-d5	8.88	82	1095	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1890	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	360	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4134	0.35	ng	0.00
25) Fluoranthene-d10	19.11	212	5311	0.47	ng	0.00
29) Terphenyl-d14	19.72	244	5691	0.57	ng	0.00
Target Compounds						
9) Naphthalene	10.56	128	1763	0.228	ng	Qvalue 95
12) 2-Methylnaphthalene	12.18	142	504	0.105	ng	# 87
28) Pyrene	19.51	202	9448	0.151	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.18	149	2256	0.397	ng	# 95

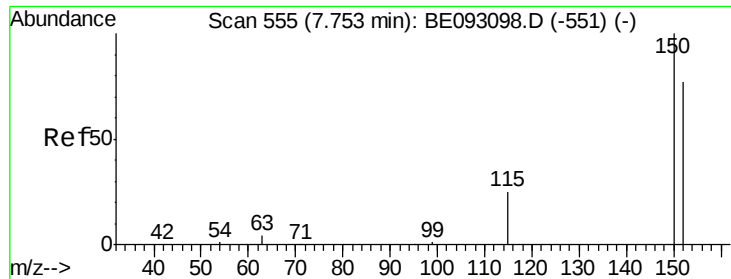
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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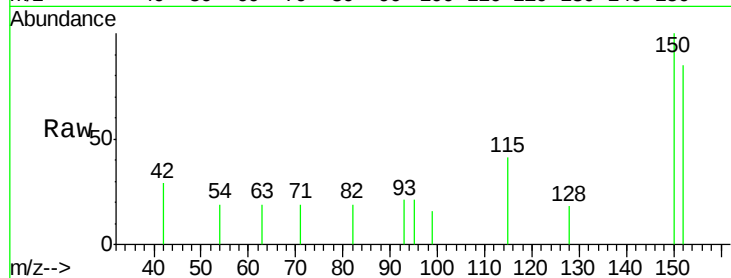


#1

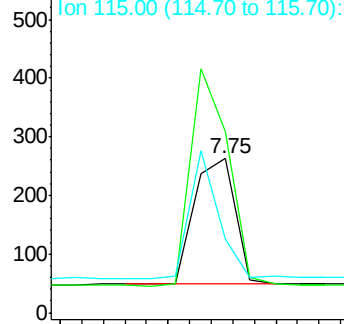
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093124.D
Acq: 13 Jun 2017 4:58

Instrument :
BNA_E
ClientSampled :
MW-111

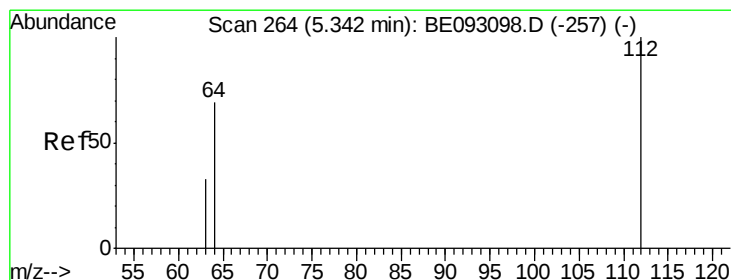
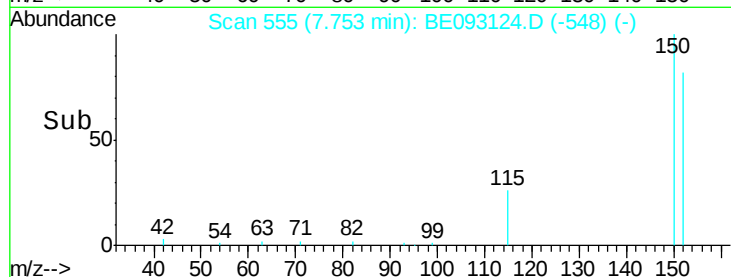
Tgt Ion:152 Resp: 567
Ion Ratio Lower Upper
152 100
150 117.1 125.1 187.7#
115 47.9 55.7 83.5#



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



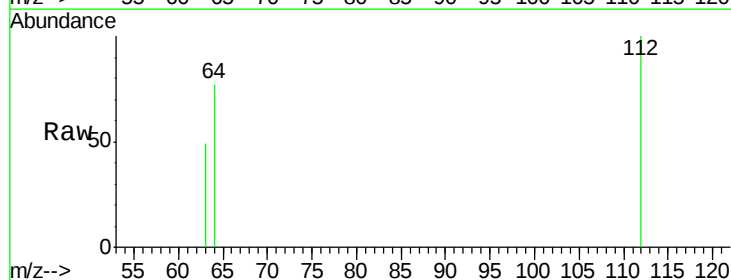
Time--> 7.60 7.70 7.80



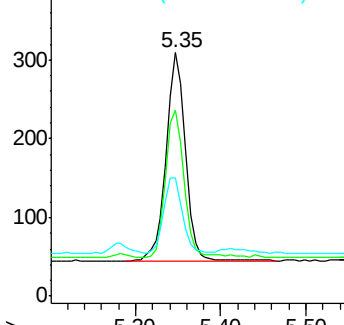
#4

2-Fluorophenol
Concen: 0.244 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.00 min
Lab File: BE093124.D
Acq: 13 Jun 2017 4:58

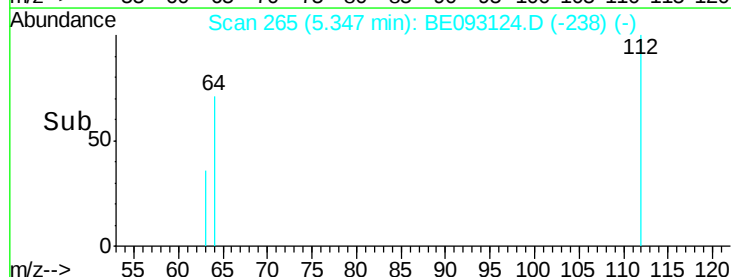
Tgt Ion:112 Resp: 409
Ion Ratio Lower Upper
112 100
64 67.0 56.4 84.6
63 34.7 29.3 43.9

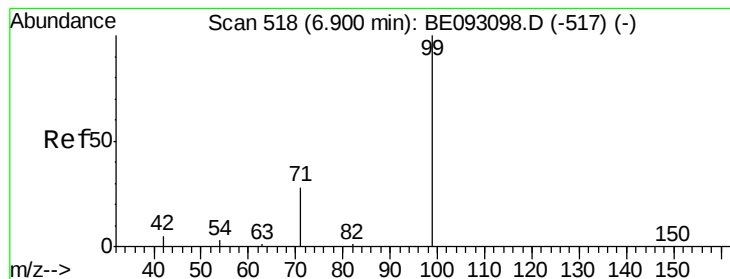


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.30 5.40 5.50





#5

Phenol-d6

Concen: 0.136 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampled :

MW-111

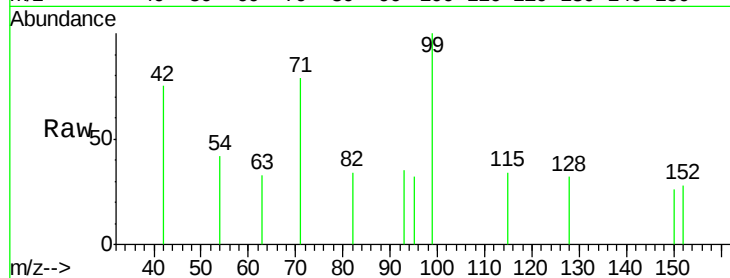
Tgt Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 36.8 0.0 0.0#

71 66.2 0.0 0.0#

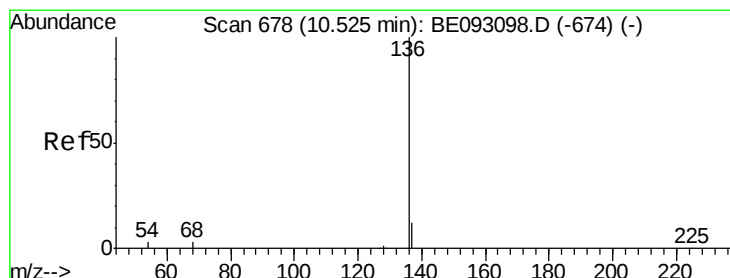
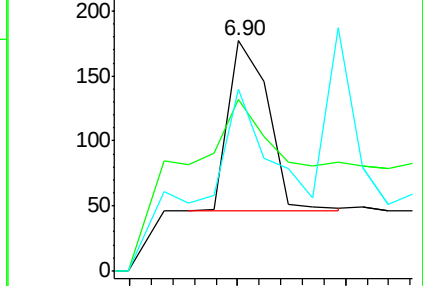
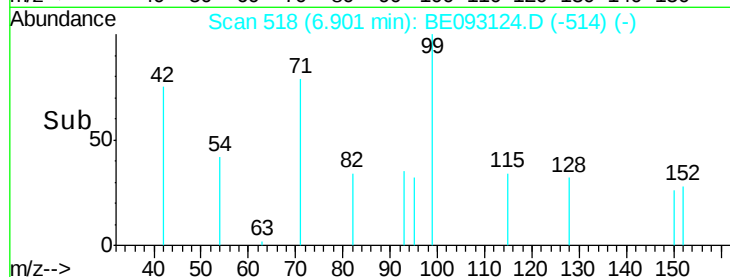


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Tgt Ion: 136 Resp: 2876

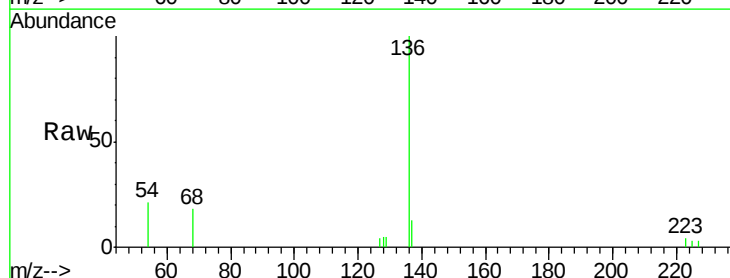
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 20.7 10.3 15.5#

68 18.4 9.0 13.4#



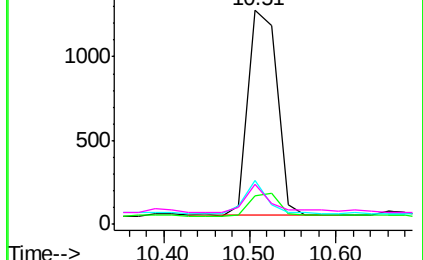
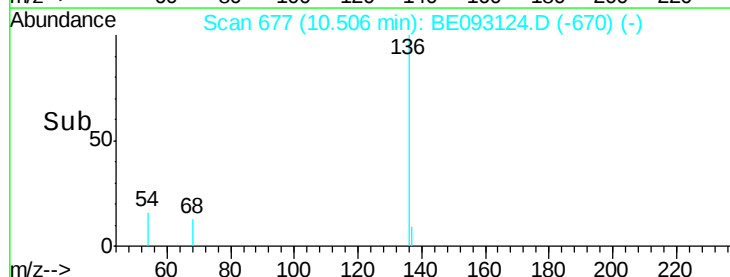
Abundance Ion 136.00 (135.70 to 136.70): E

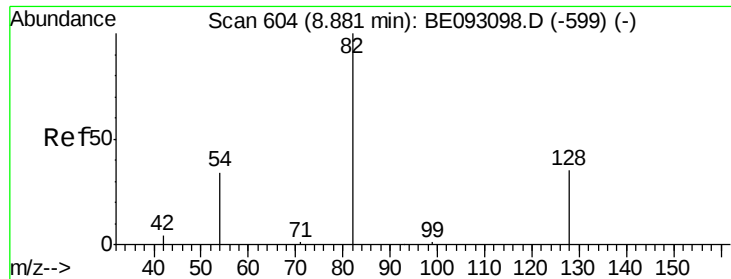
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.477 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

MW-111

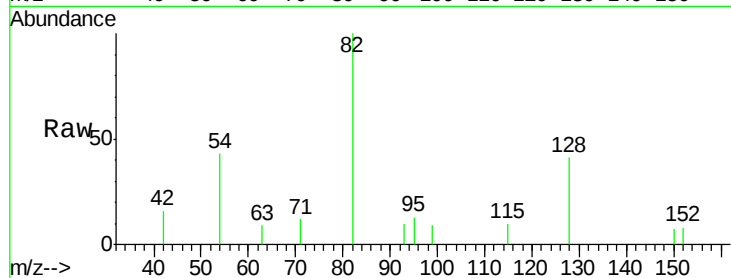
Tgt Ion: 82 Resp: 1095

Ion Ratio Lower Upper

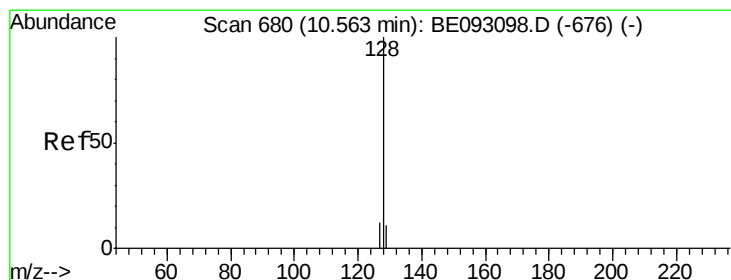
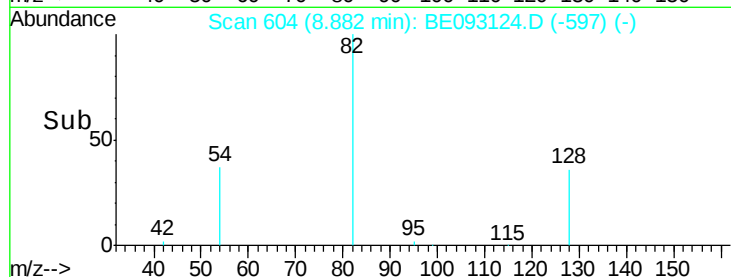
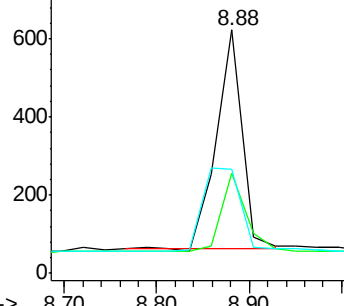
82 100

128 40.9 17.0 25.4#

54 42.5 53.8 80.6#



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: 0.228 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

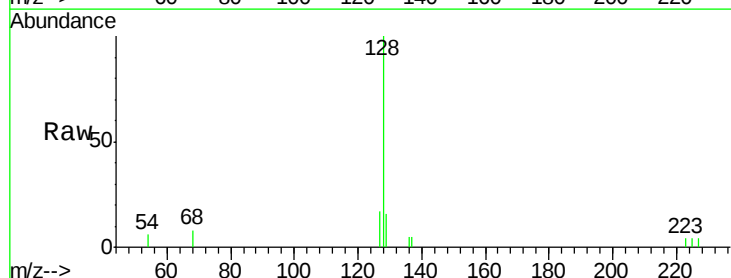
Tgt Ion: 128 Resp: 1763

Ion Ratio Lower Upper

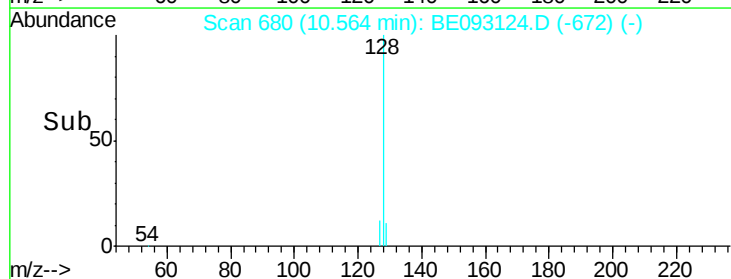
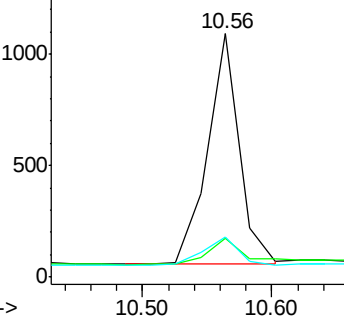
128 100

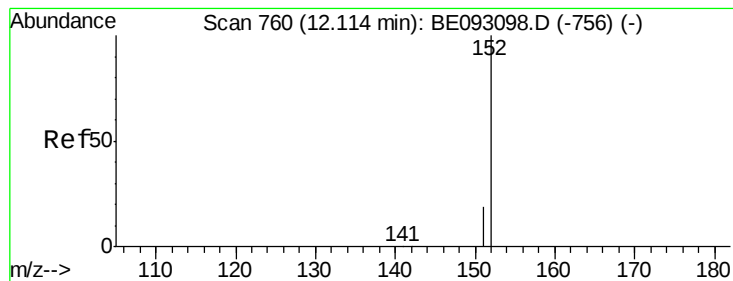
129 15.7 11.4 17.0

127 16.7 11.2 16.8



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





#11

2-Methylnaphthalene-d10

Concen: 0.437 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampled :

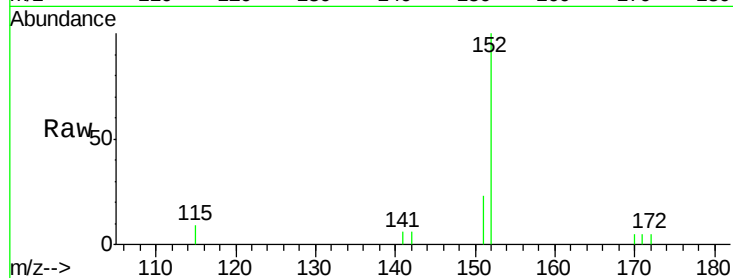
MW-111

Tgt Ion:152 Resp: 1890

Ion Ratio Lower Upper

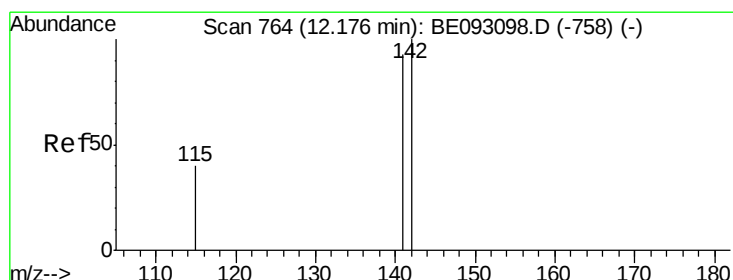
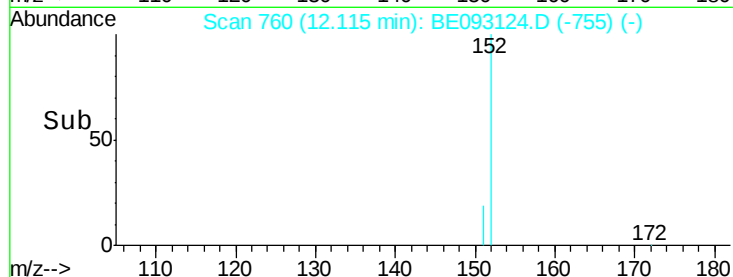
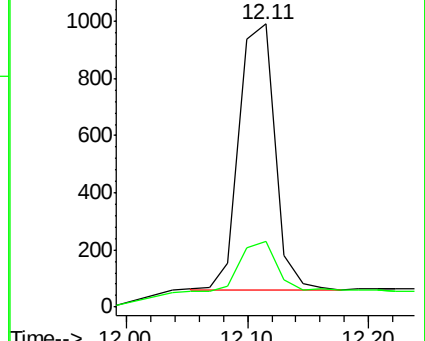
152 100

151 20.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.105 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

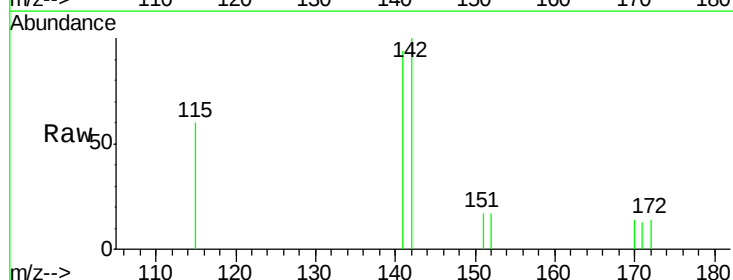
Tgt Ion:142 Resp: 504

Ion Ratio Lower Upper

142 100

141 94.2 72.6 108.8

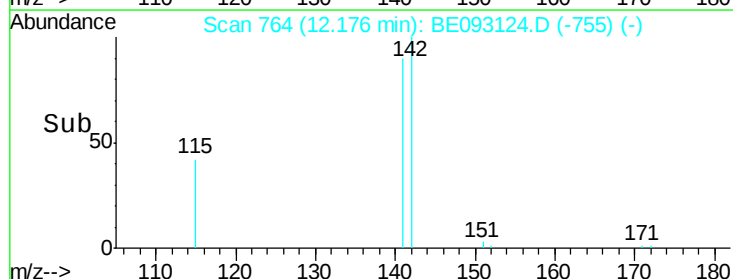
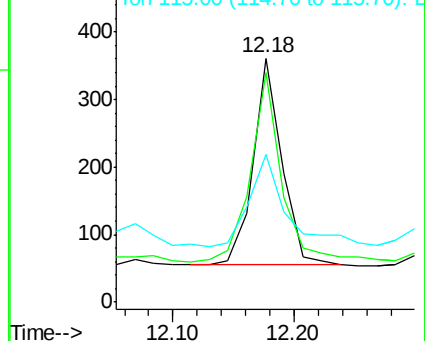
115 60.4 32.2 48.2#

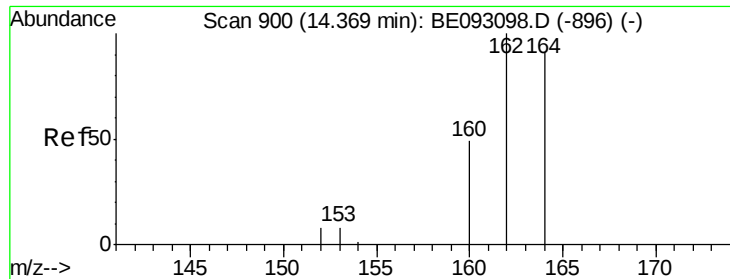


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

MW-111

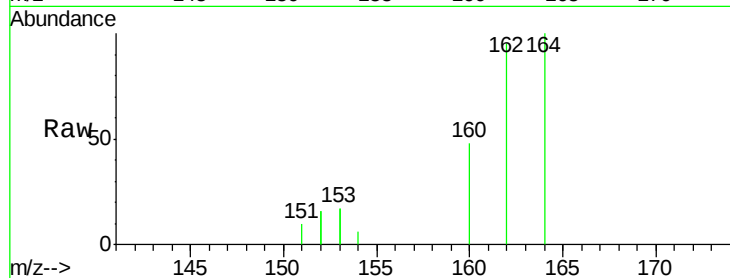
Tgt Ion:164 Resp: 2741

Ion Ratio Lower Upper

164 100

162 95.4 84.6 127.0

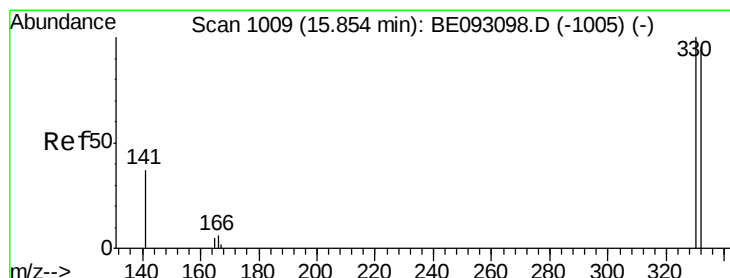
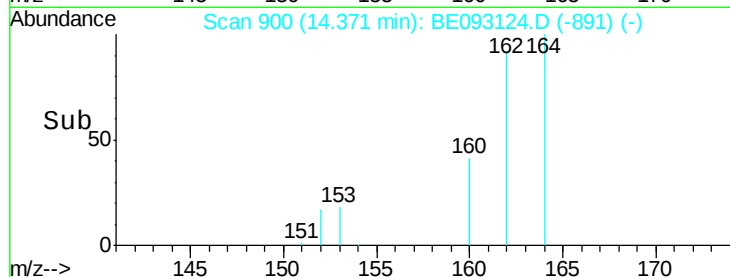
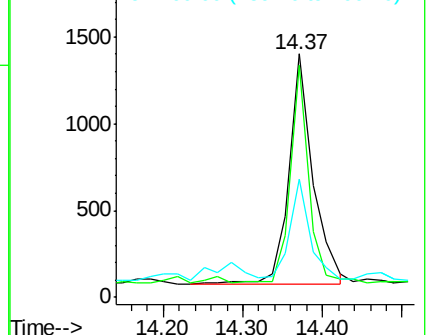
160 48.4 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.577 ng

RT: 15.85 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

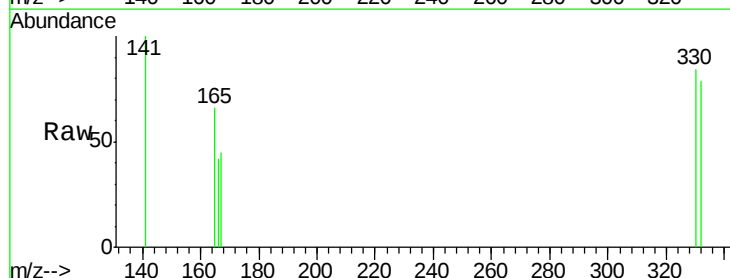
Tgt Ion:330 Resp: 360

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

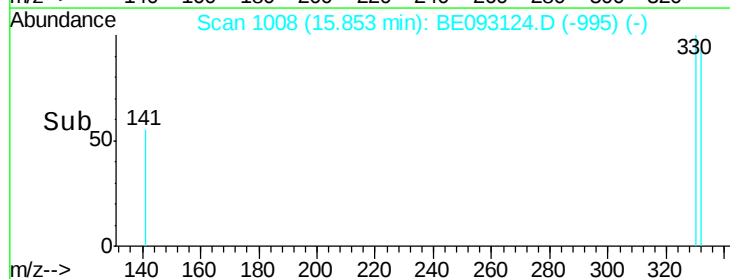
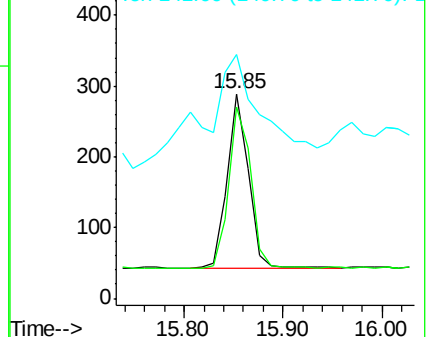
141 193.1 56.2 84.4#

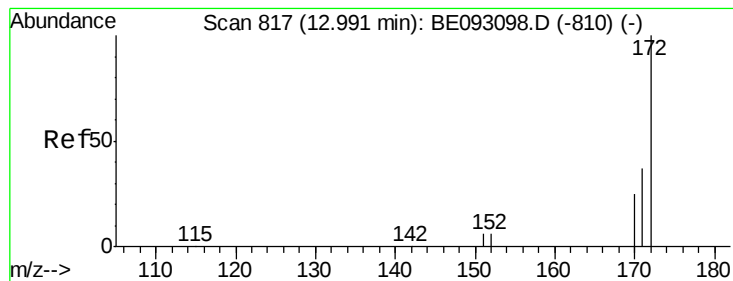


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

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ClientSampleId :

MW-111

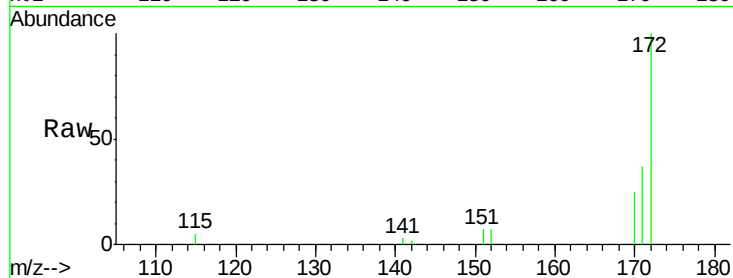
Tgt Ion:172 Resp: 4134

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

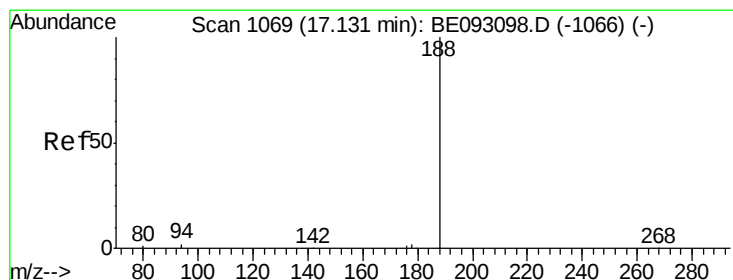
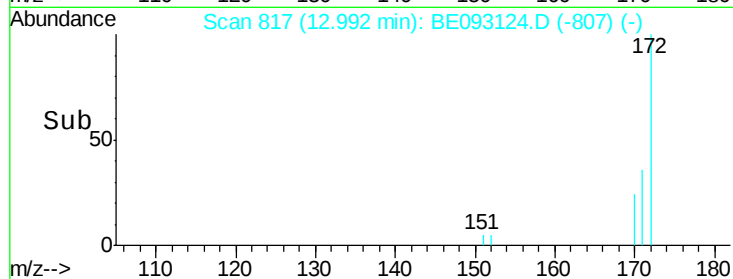
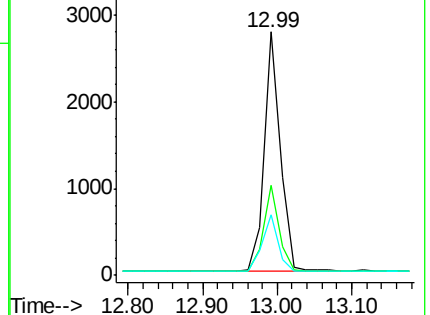
170 25.0 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

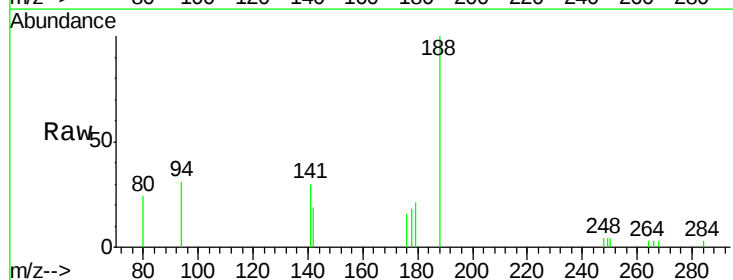
Tgt Ion:188 Resp: 3415

Ion Ratio Lower Upper

188 100

94 31.5 11.3 16.9#

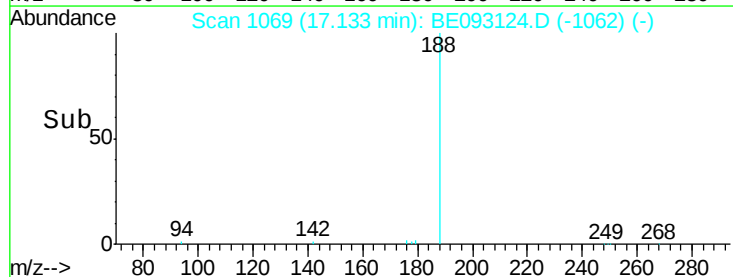
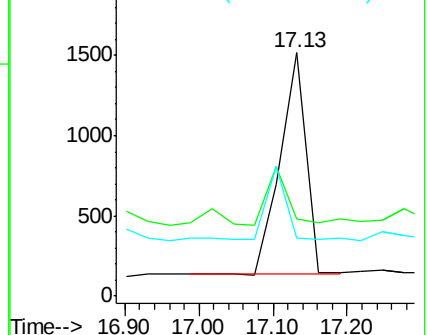
80 23.8 11.7 17.5#

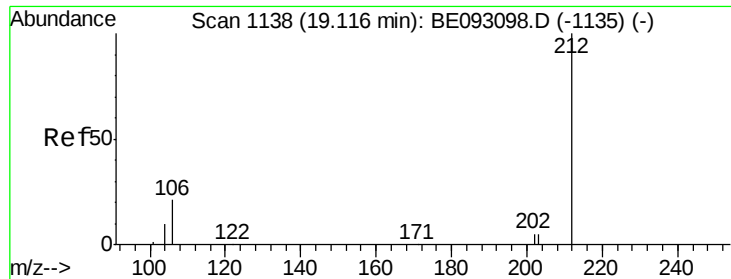


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

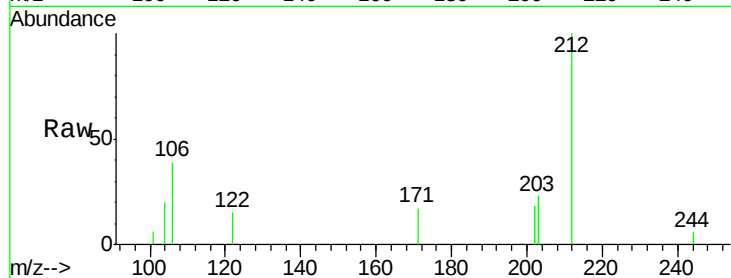




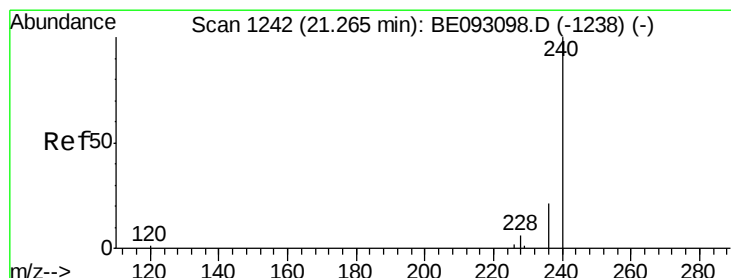
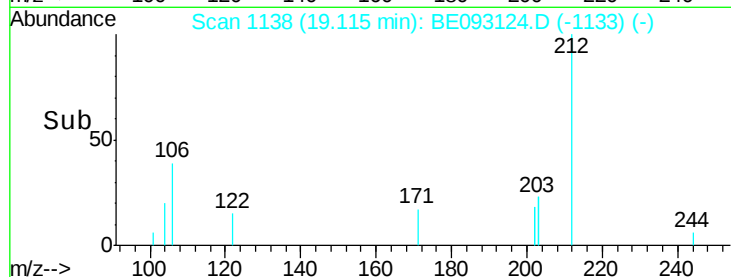
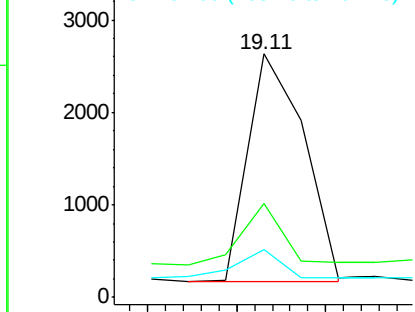
#25
 Fluoranthene-d10
 Concen: 0.472 ng
 RT: 19.11 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

Instrument :
 BNA_E
 ClientSampleId :
 MW-111

Tgt Ion: 212 Resp: 5311
 Ion Ratio Lower Upper
 212 100
 106 19.5 0.0 0.0#
 104 10.0 0.0 0.0#

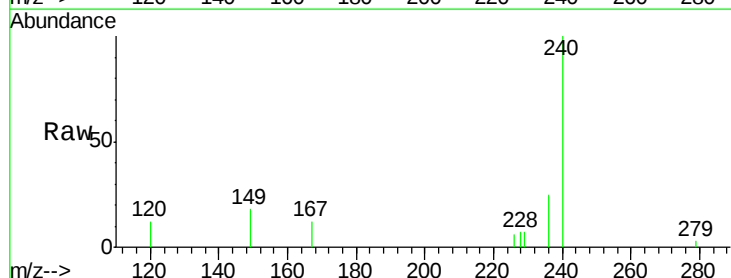


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

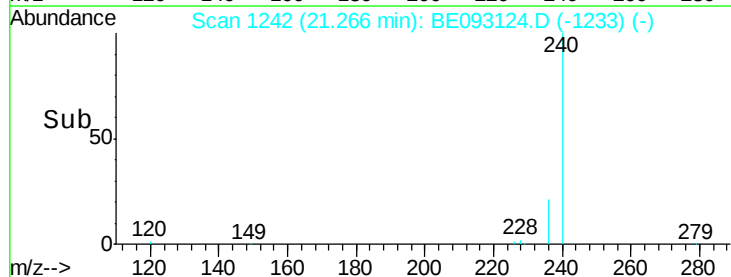
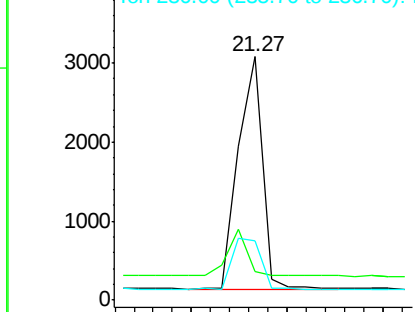


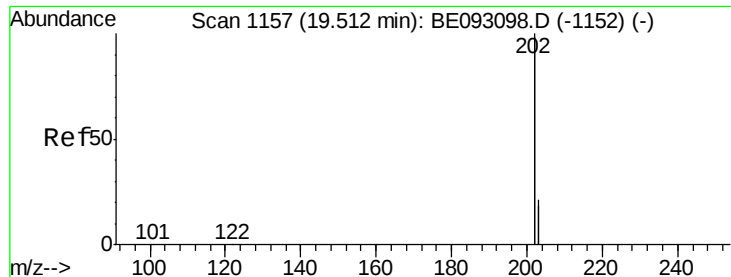
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

Tgt Ion: 240 Resp: 5145
 Ion Ratio Lower Upper
 240 100
 120 11.5 4.6 7.0#
 236 24.6 20.8 31.2



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: 0.151 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

MW-111

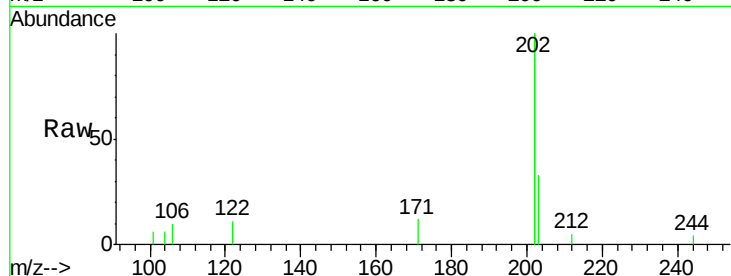
Tgt Ion:202 Resp: 9448

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

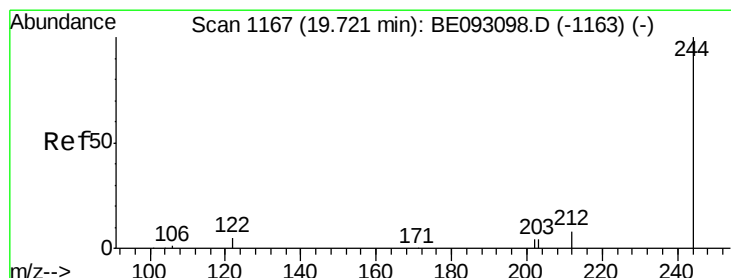
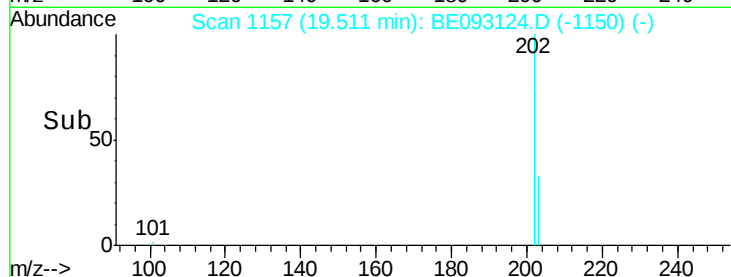
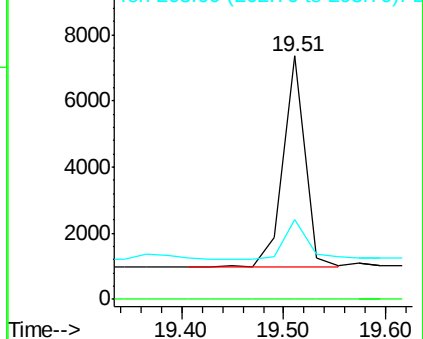
203 20.9 13.7 20.5#



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: 0.573 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

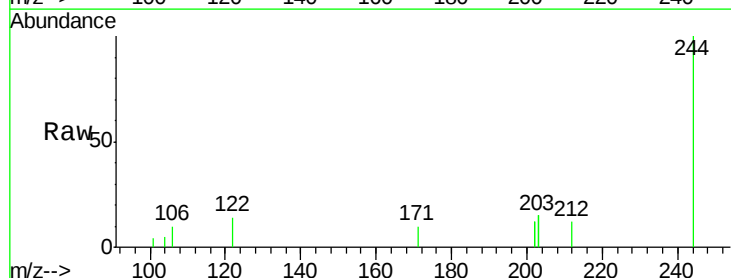
Tgt Ion:244 Resp: 5691

Ion Ratio Lower Upper

244 100

212 12.4 10.6 16.0

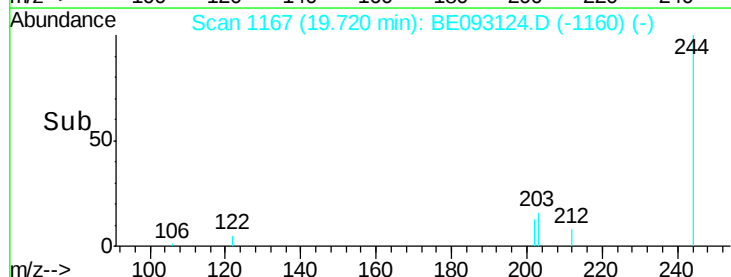
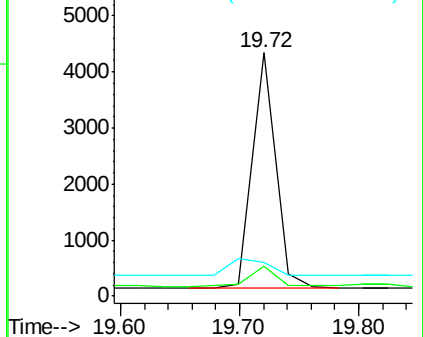
122 13.9 15.4 23.0#

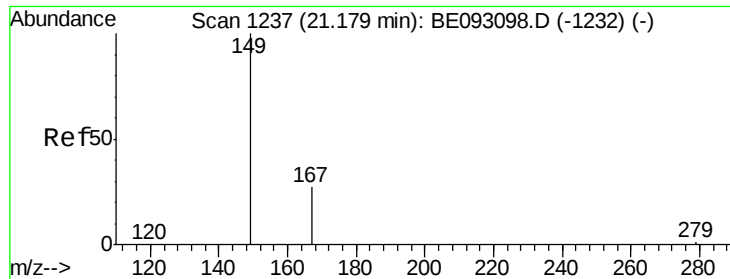


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

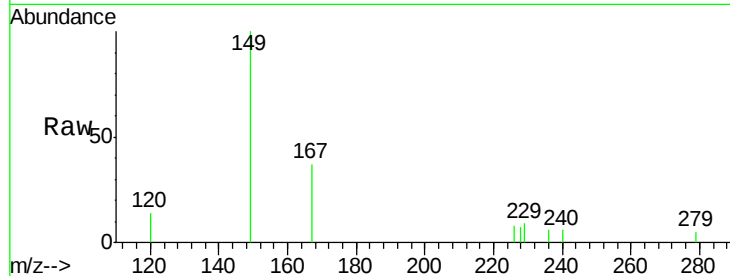




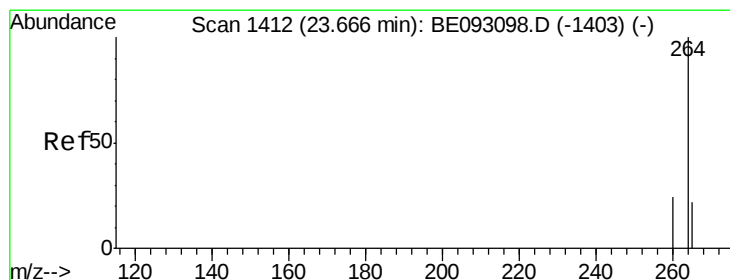
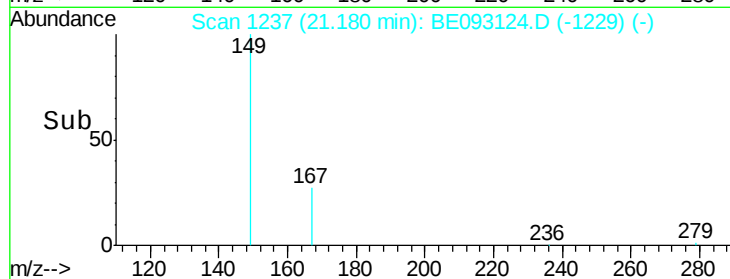
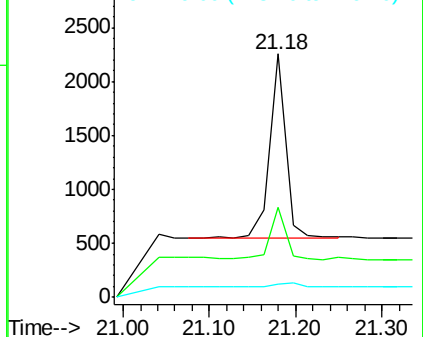
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.397 ng
 RT: 21.18 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

Instrument :
 BNA_E
 ClientSampleId :
 MW-111

Tgt Ion: 149 Resp: 2256
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.1 30.1
 279 3.9 2.2 3.4#

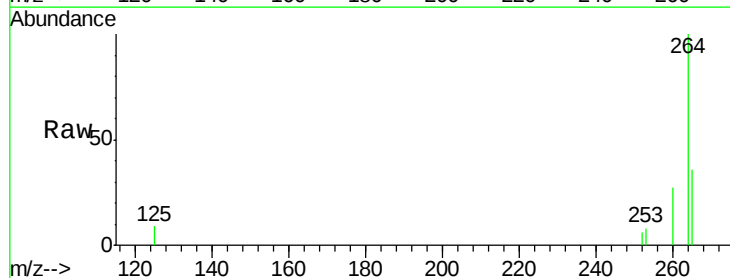


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

Tgt Ion: 264 Resp: 4373
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.4
 265 36.1 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

