

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093110.D
 Acq On : 12 Jun 2017 20:19
 Operator : SJ/MA
 Sample : I3460-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 01:11:52 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

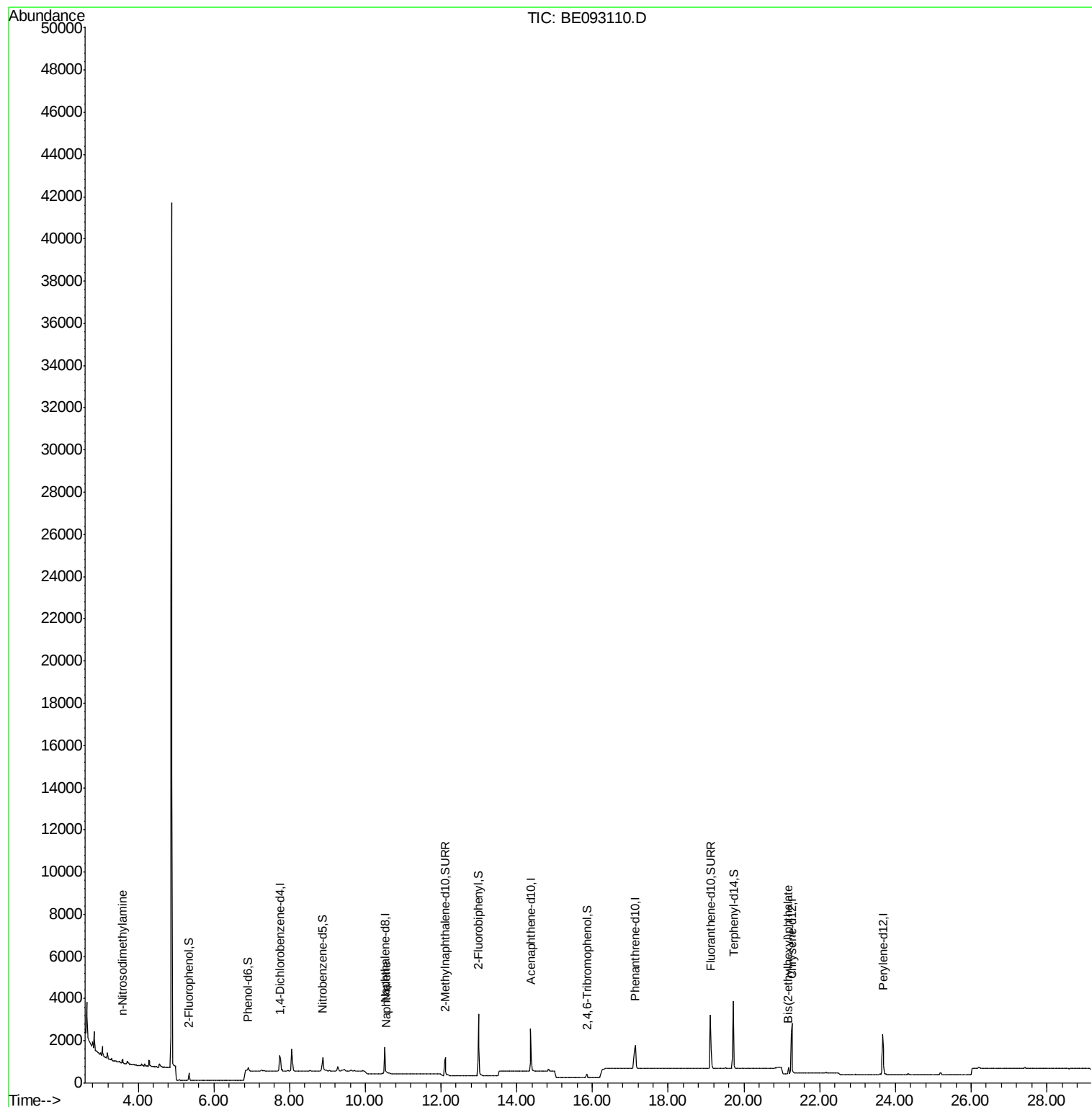
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	538	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2384	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	1163	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2572	0.40	ng	0.00
27) Chrysene-d12	21.27	240	3430	0.40	ng	0.00
34) Perylene-d12	23.67	264	3008	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	265	0.17	ng	0.00
5) Phenol-d6	6.90	99	224	0.10	ng	0.00
8) Nitrobenzene-d5	8.88	82	731	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1435	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	99	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2751	0.55	ng	0.00
25) Fluoranthene-d10	19.12	212	3667	0.43	ng	0.00
29) Terphenyl-d14	19.72	244	3766	0.57	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	24	0.02	ng	# 1
9) Naphthalene	10.56	128	89	0.01	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.18	149	304	0.05	ng	98

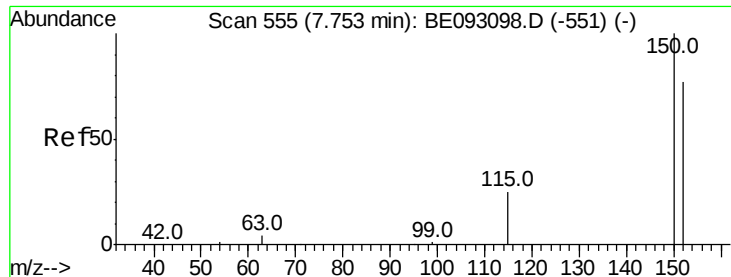
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

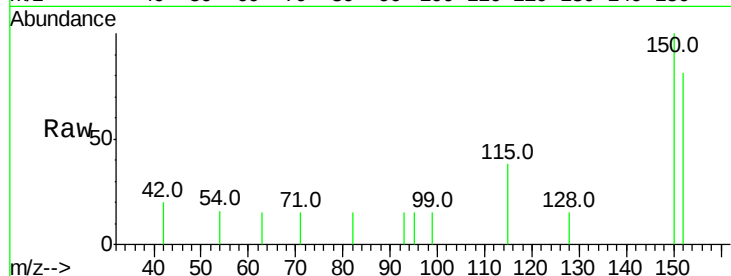
Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

Instrument :

BNA_E

ClientSampled :



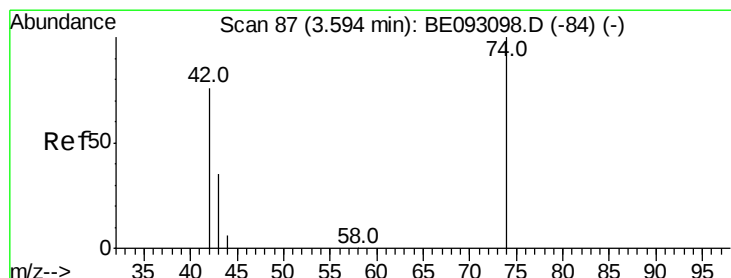
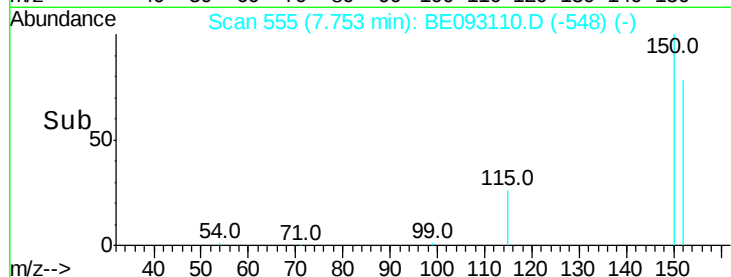
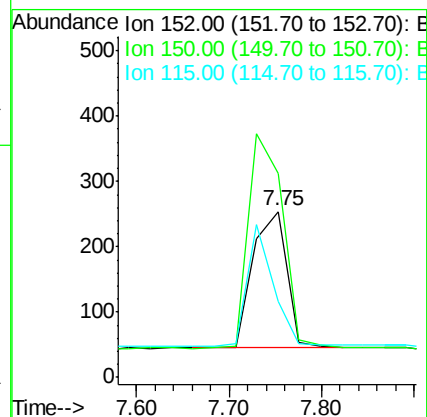
Tot Ion:152 Resp: 538

Ion Ratio Lower Upper

152 100

150 122.8 125.1 187.7#

115 46.1 55.7 83.5#



#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.58 min Scan# 86

Delta R.T. -0.01 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

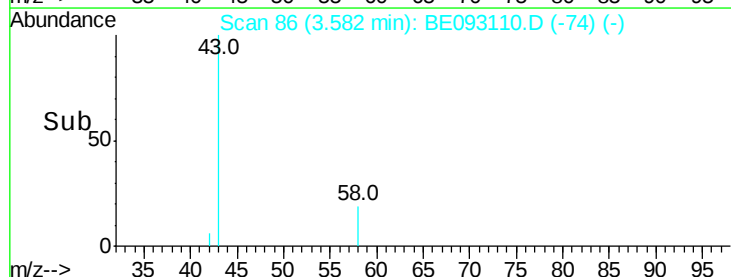
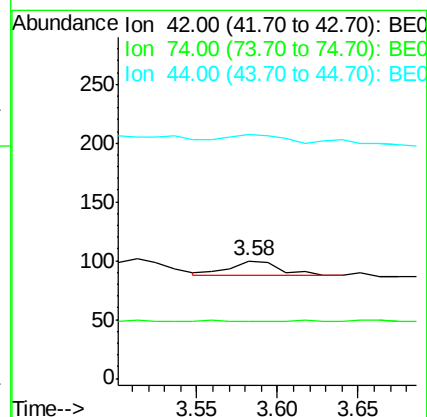
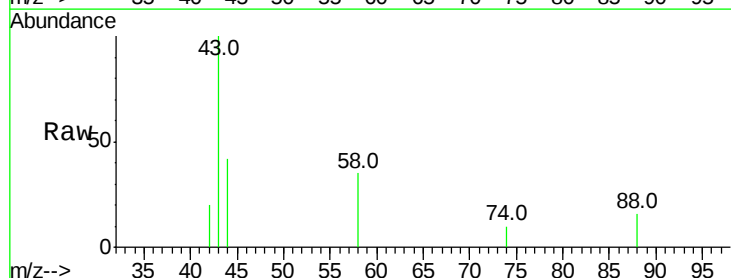
Tgt Ion: 42 Resp: 24

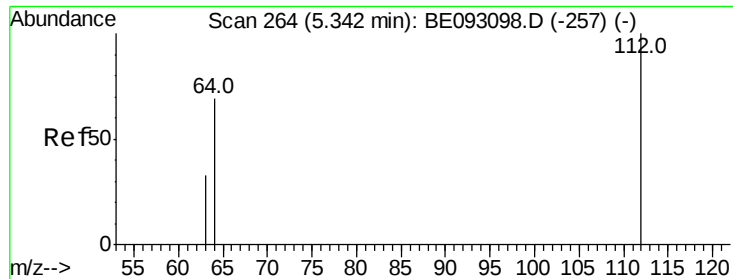
Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

44 62.5 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.17 ng

RT: 5.34 min Scan# 264

Delta R.T. -0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

Instrument :

BNA_E

ClientSampled :

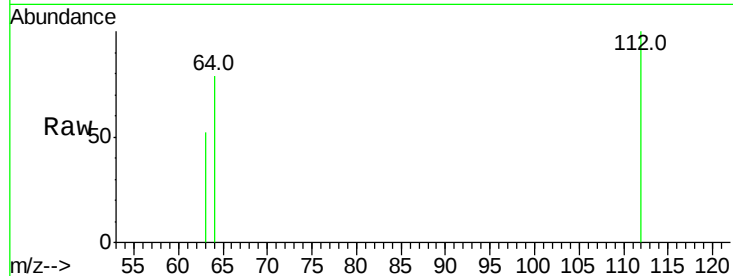
Tot Ion:112 Resp: 265

Ion Ratio Lower Upper

112 100

64 69.4 56.4 84.6

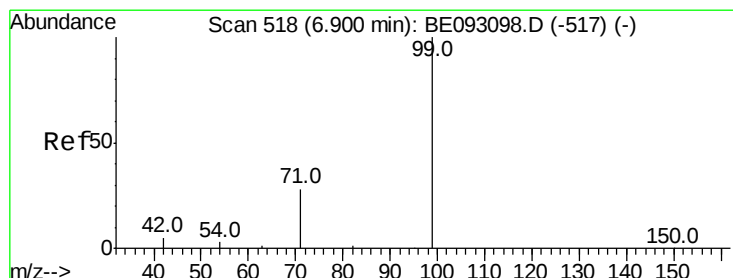
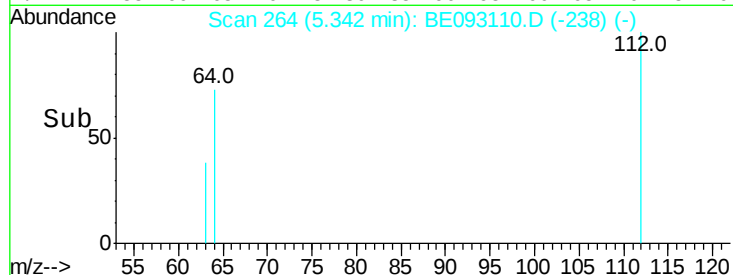
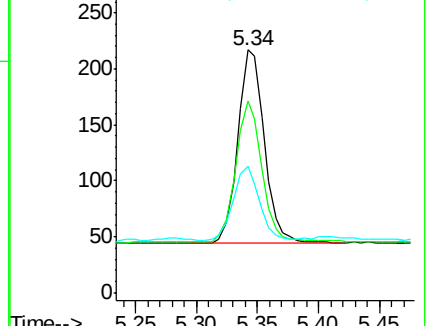
63 37.0 29.3 43.9



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: 0.10 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

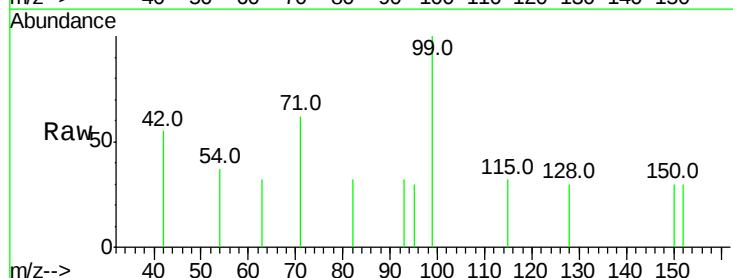
Tgt Ion: 99 Resp: 224

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

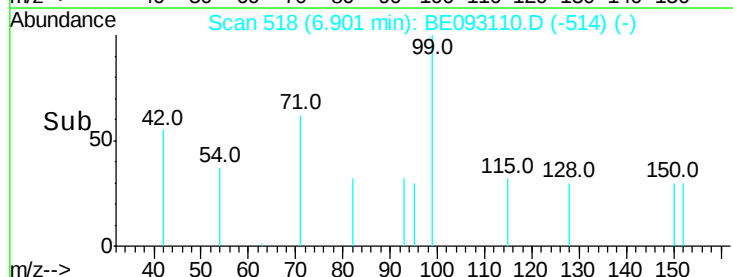
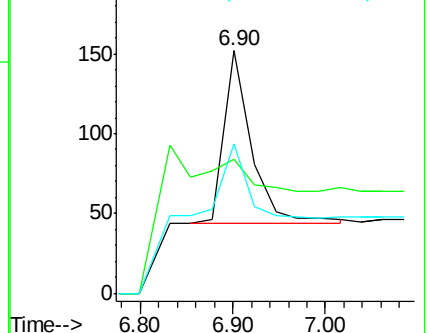
71 38.8 0.0 0.0#

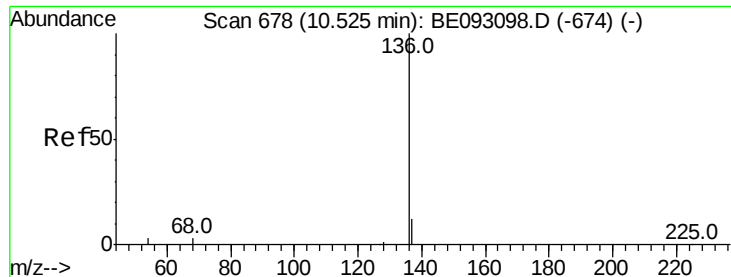


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2384

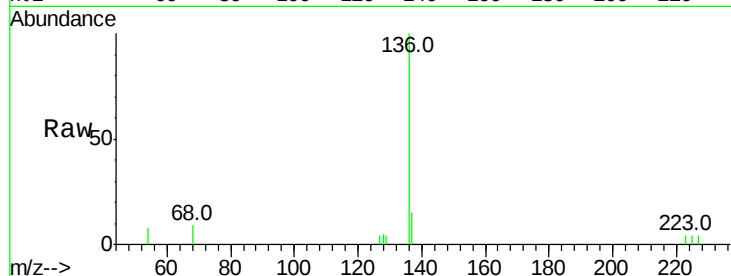
Ion Ratio Lower Upper

136 100

137 15.3 9.8 14.8#

54 8.5 10.3 15.5#

68 8.6 9.0 13.4#

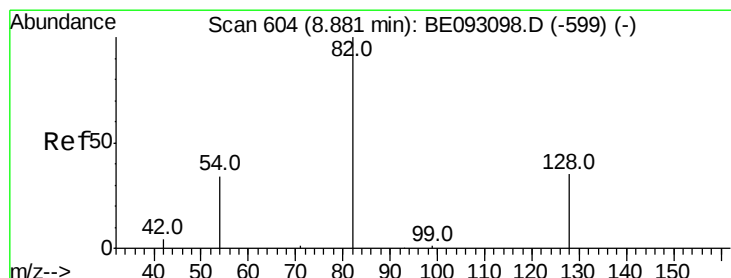
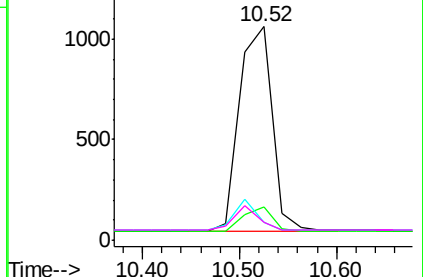
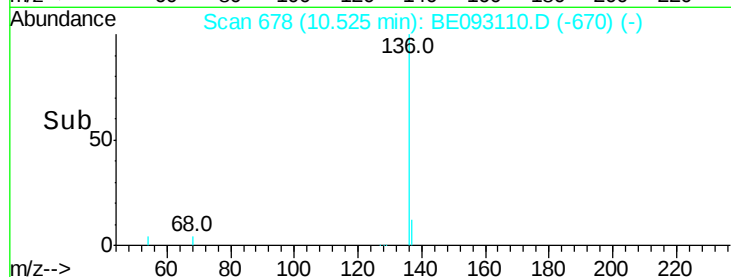


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

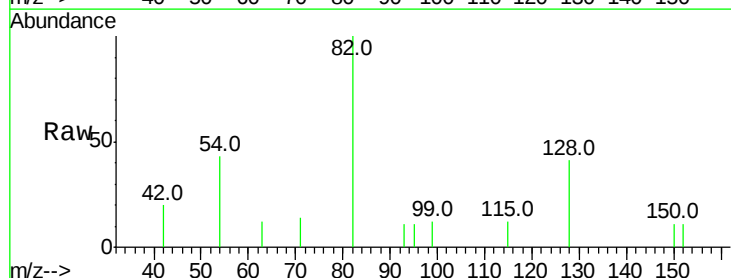
Tgt Ion: 82 Resp: 731

Ion Ratio Lower Upper

82 100

128 41.0 17.0 25.4#

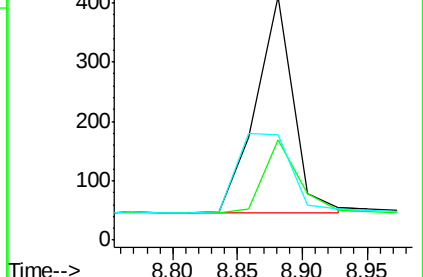
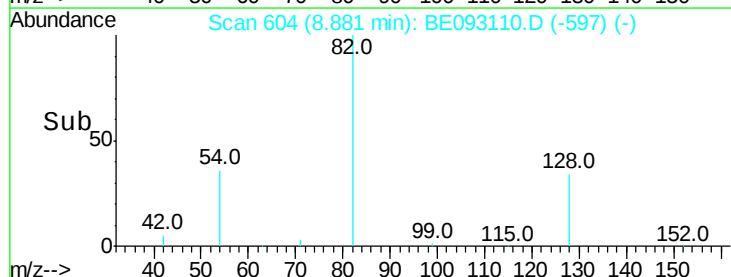
54 43.2 53.8 80.6#

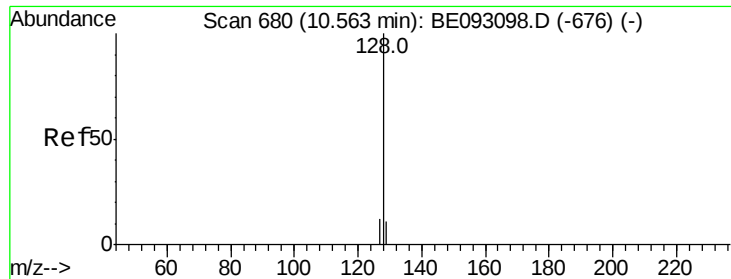


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.01 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

Instrument :

BNA_E

ClientSampleId :

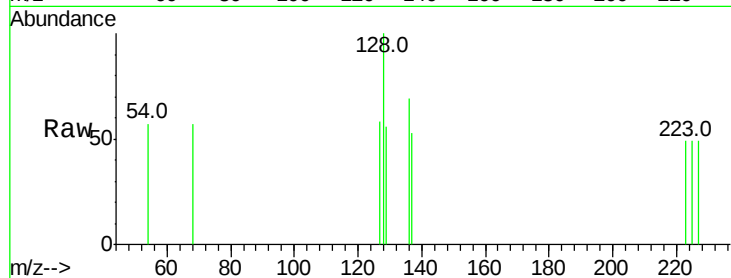
Tot Ion:128 Resp: 89

Ion Ratio Lower Upper

128 100

129 56.2 11.4 17.0#

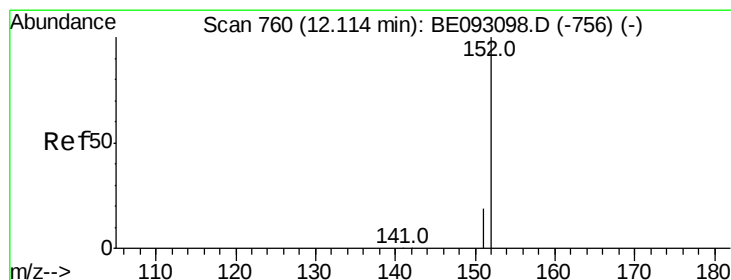
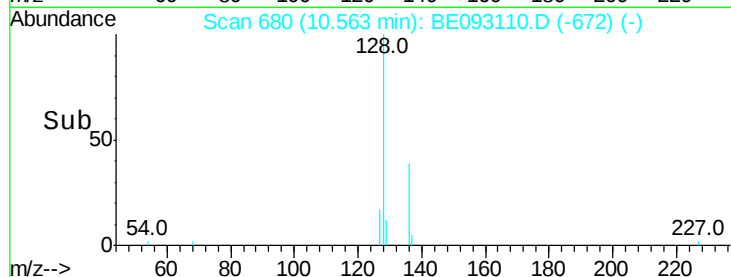
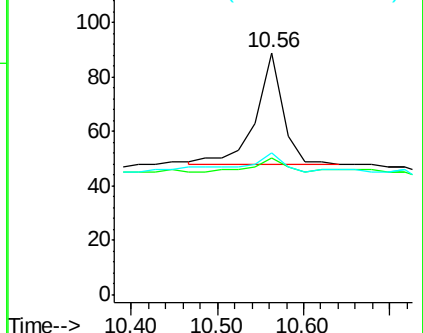
127 58.4 11.2 16.8#



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: 0.40 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093110.D

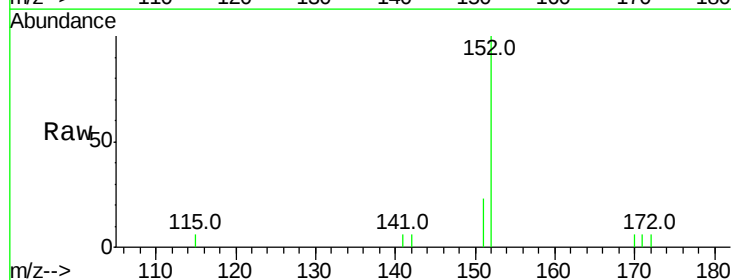
Acq: 12 Jun 2017 20:19

Tgt Ion:152 Resp: 1435

Ion Ratio Lower Upper

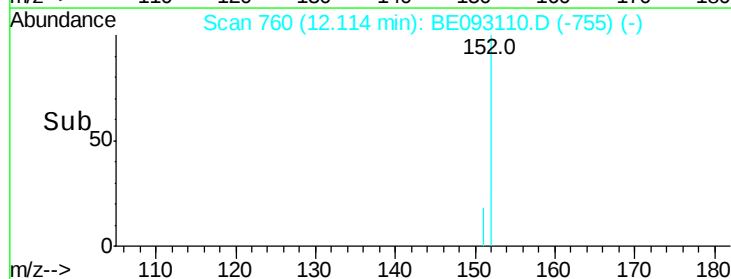
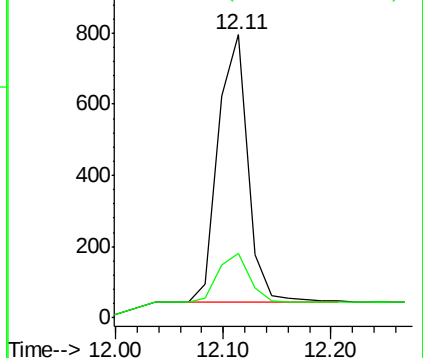
152 100

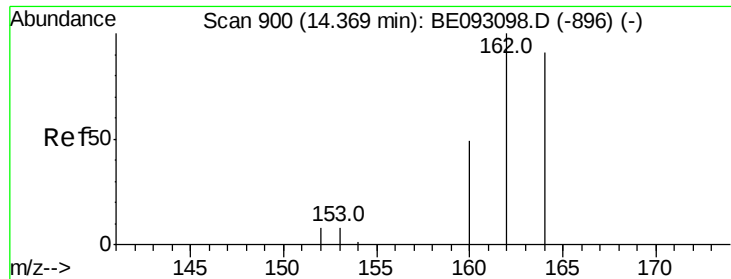
151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

Instrument :

BNA_E

ClientSampleId :

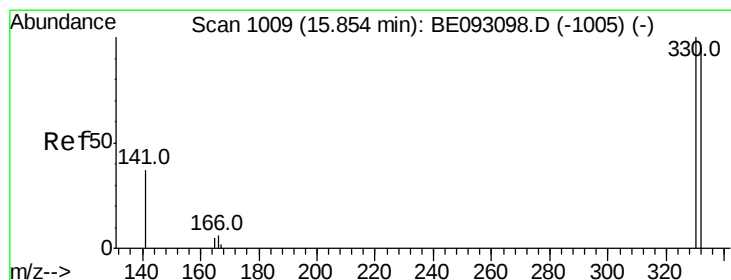
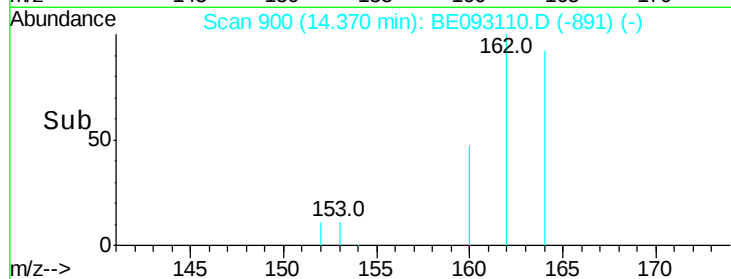
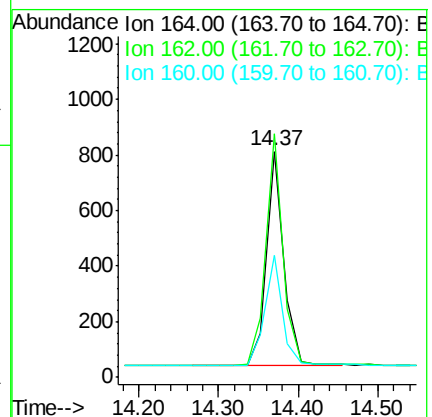
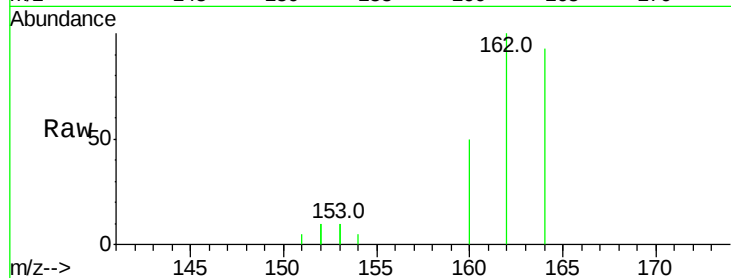
Tot Ion:164 Resp: 1163

Ion Ratio Lower Upper

164 100

162 107.7 84.6 127.0

160 53.8 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.37 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

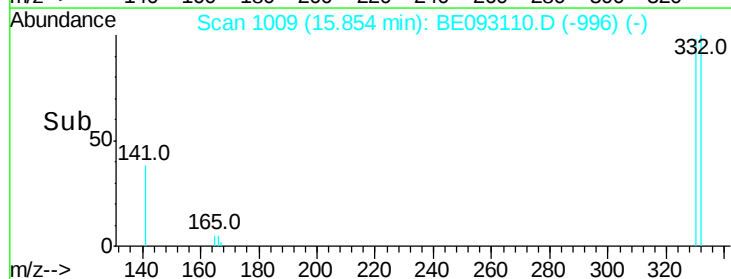
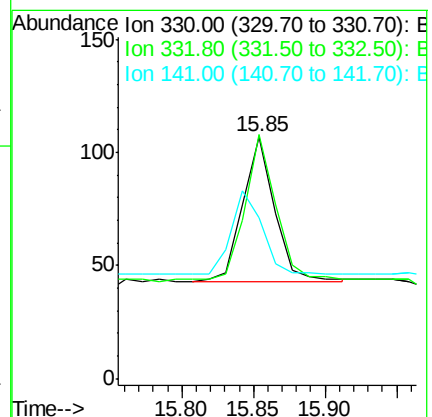
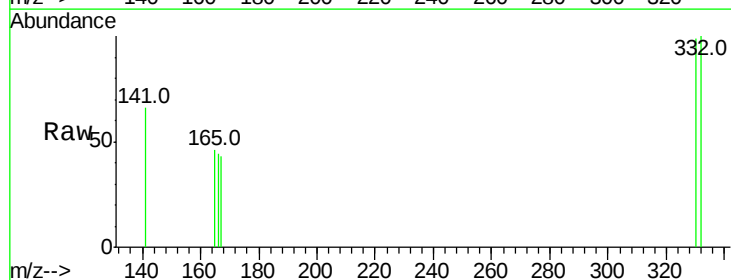
Tgt Ion:330 Resp: 99

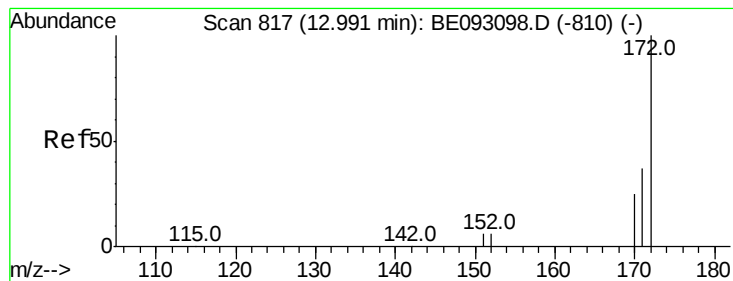
Ion Ratio Lower Upper

330 100

332 102.0 77.7 116.5

141 56.6 56.2 84.4

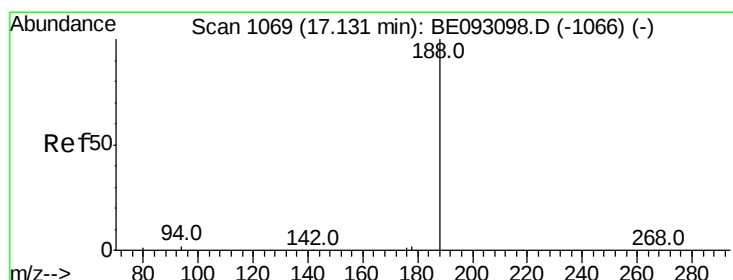
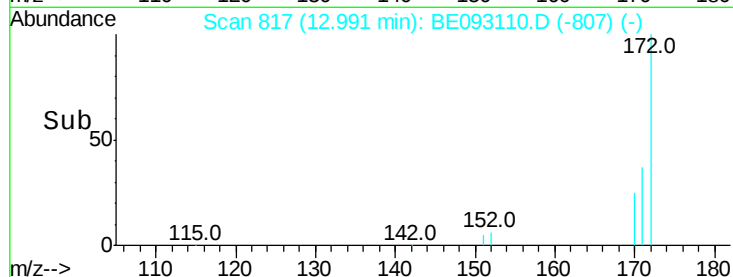
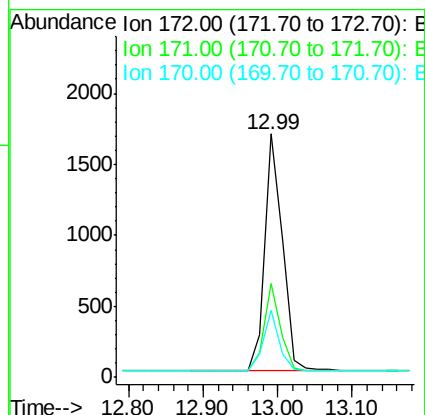
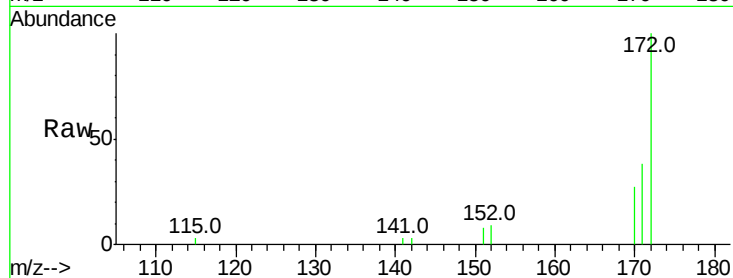




#15
2-Fluorobiphenyl
Concen: 0.55 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093110.D
Acq: 12 Jun 2017 20:19

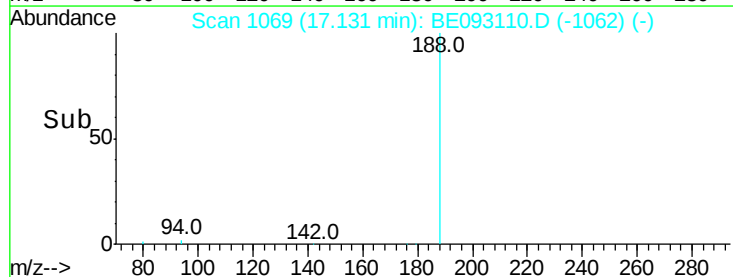
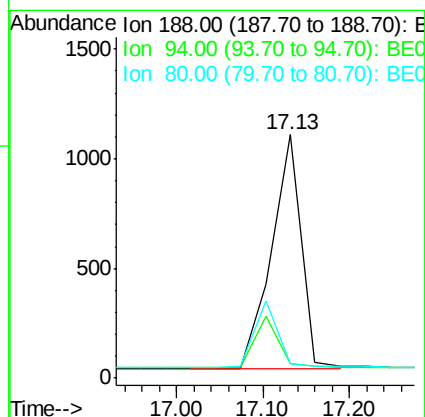
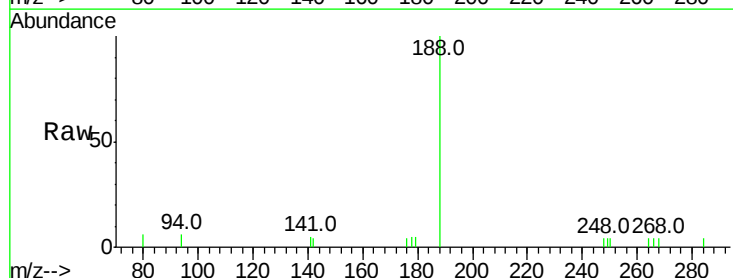
Instrument :
BNA_E
ClientSampleId :

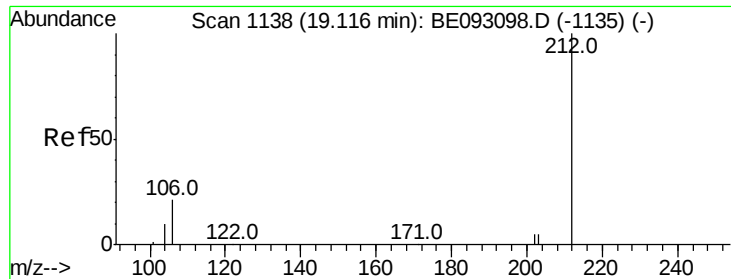
Tot Ion:172 Resp: 2751
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 27.4 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE093110.D
Acq: 12 Jun 2017 20:19

Tgt Ion:188 Resp: 2572
Ion Ratio Lower Upper
188 100
94 6.0 11.3 16.9#
80 5.9 11.7 17.5#

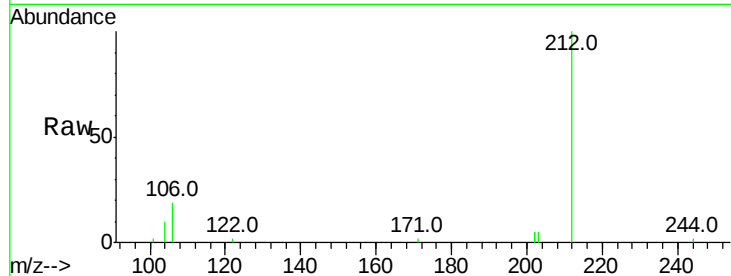




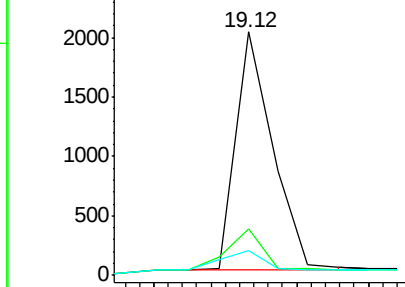
#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.12 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BE093110.D
Acq: 12 Jun 2017 20:19

Instrument :
BNA_E
ClientSampled :

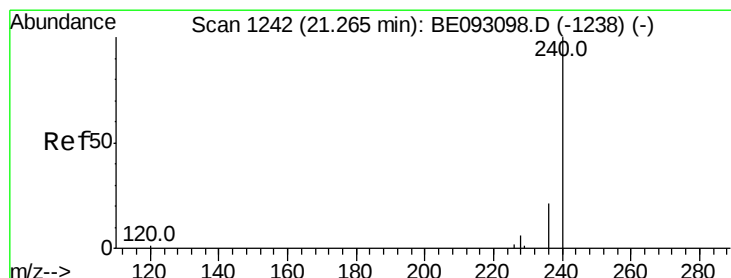
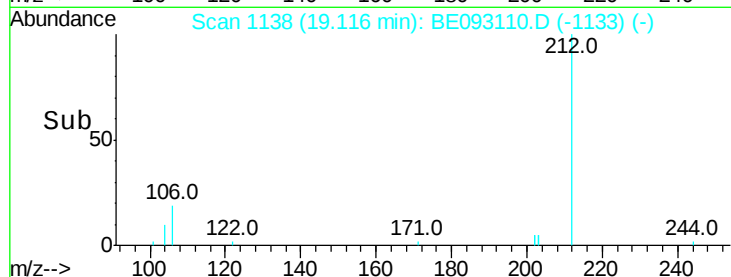
Tot Ion:212 Resp: 3667
Ion Ratio Lower Upper
212 100
106 16.5 0.0 0.0#
104 9.0 0.0 0.0#



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

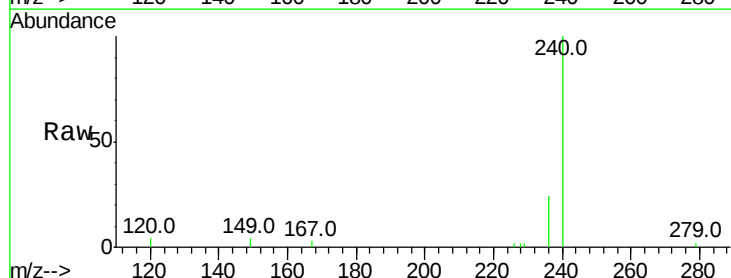


Time-->

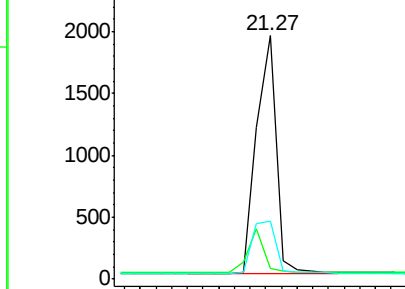


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093110.D
Acq: 12 Jun 2017 20:19

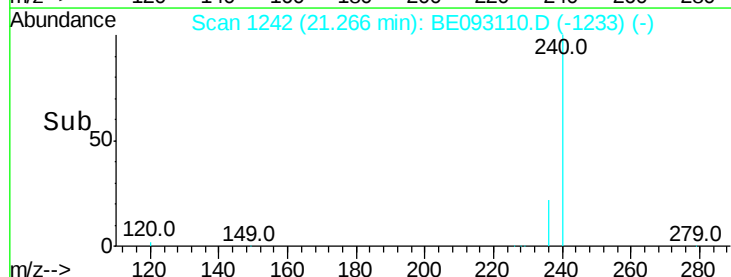
Tgt Ion:240 Resp: 3430
Ion Ratio Lower Upper
240 100
120 4.3 4.6 7.0#
236 23.9 20.8 31.2

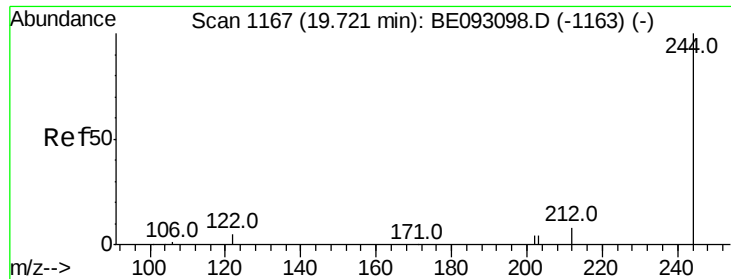


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.57 ng

RT: 19.72 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

Instrument :

BNA_E

ClientSampleId :

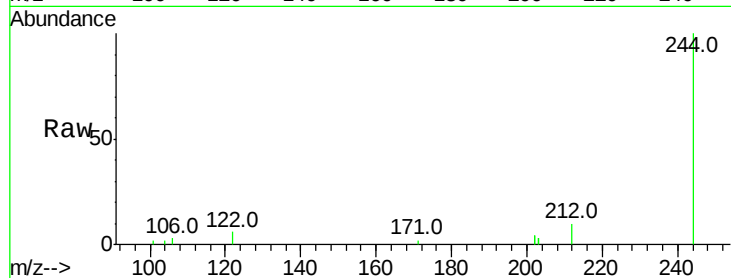
Tot Ion:244 Resp: 3766

Ion Ratio Lower Upper

244 100

212 10.0 10.6 16.0#

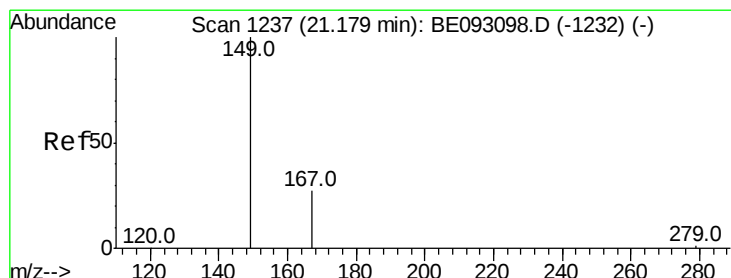
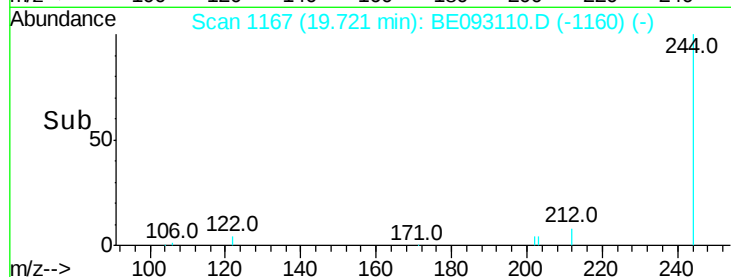
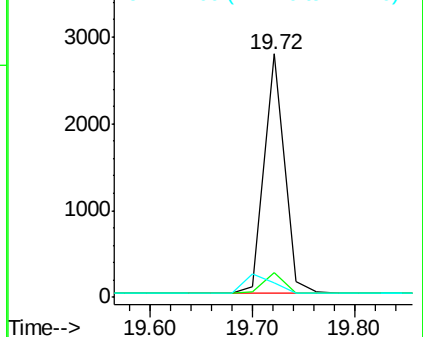
122 5.8 15.4 23.0#



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: 0.05 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093110.D

Acq: 12 Jun 2017 20:19

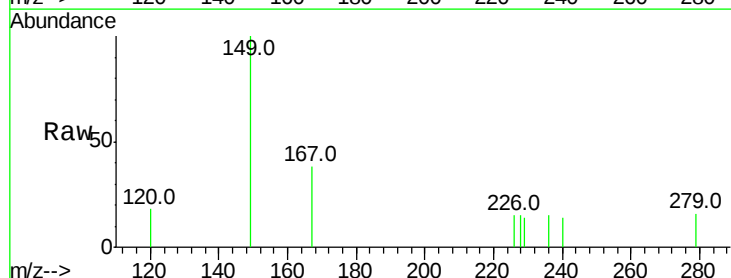
Tgt Ion:149 Resp: 304

Ion Ratio Lower Upper

149 100

167 26.3 20.1 30.1

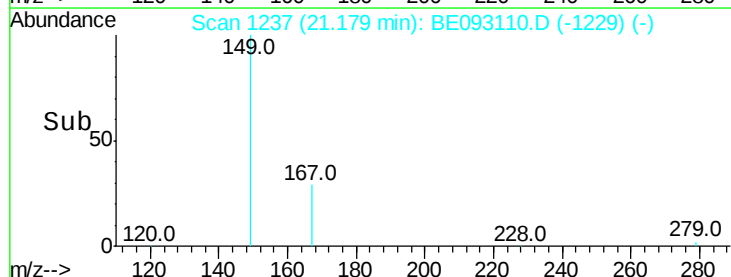
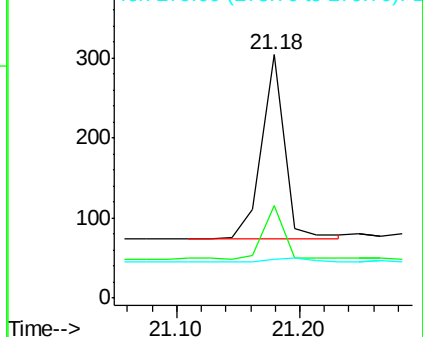
279 3.0 2.2 3.4

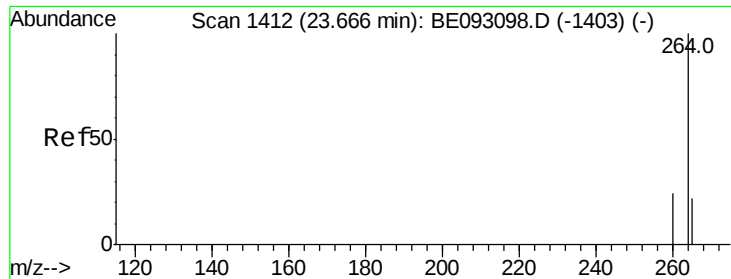


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BE093110.D
Acq: 12 Jun 2017 20:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 3008
Ion Ratio Lower Upper
264 100
260 26.7 21.0 31.4
265 29.9 24.6 36.8

