

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051617\
 Data File : BE093050.D
 Acq On : 16 May 2017 12:48
 Operator : SJ/MA
 Sample : I3079-09RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-170509RE

Quant Time: May 18 01:40:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

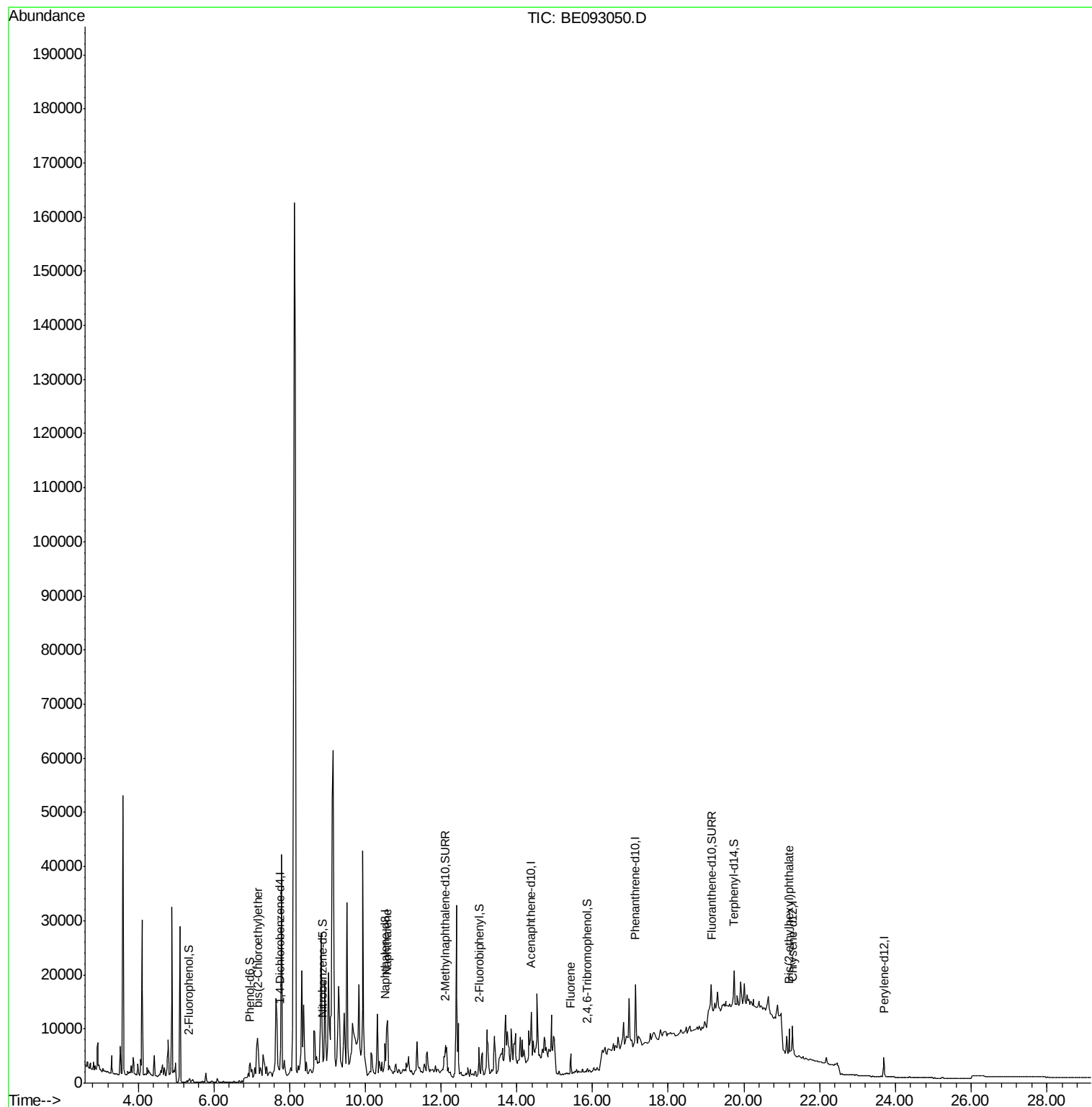
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1143	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	4726	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5262	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6916	0.40	ng	0.00
27) Chrysene-d12	21.28	240	7357	0.40	ng	0.00
34) Perylene-d12	23.69	264	5736	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	506	0.14	ng	-0.02
5) Phenol-d6	6.95	99	540	0.11	ng	0.02
8) Nitrobenzene-d5	8.88	82	4989	1.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2692	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	426	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	5133	0.24	ng	0.00
25) Fluoranthene-d10	19.14	212	5791	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	8299	0.60	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.18	93	5299	1.38	ng	# 97
9) Naphthalene	10.58	128	17081	1.37	ng	# 79
18) Fluorene	15.43	166	2501	0.12	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	5045	0.49	ng	99

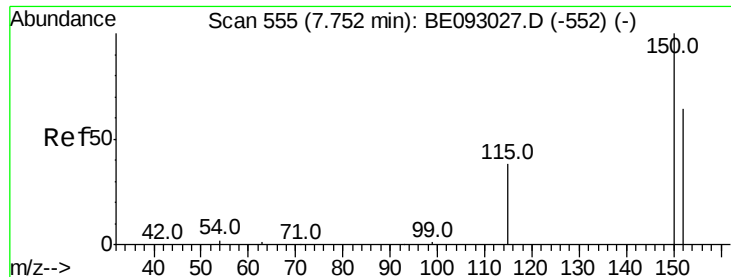
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
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QLast Update : Mon May 15 13:35:57 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

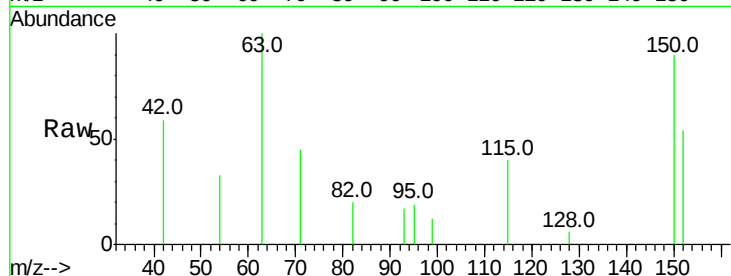
Tot Ion:152 Resp: 1143

Ion Ratio Lower Upper

152 100

150 167.0 125.1 187.7

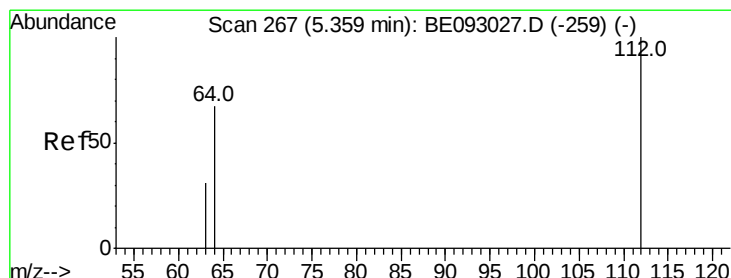
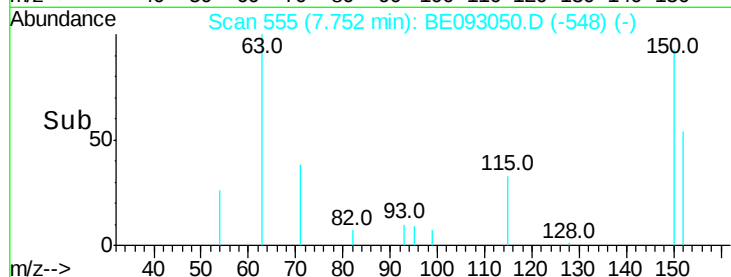
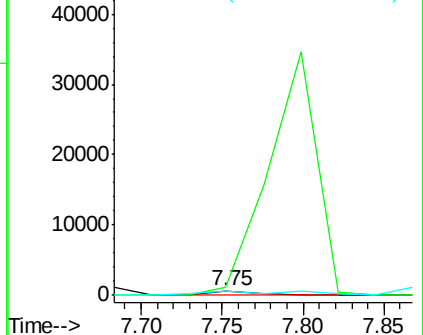
115 74.5 55.7 83.5



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



#4

2-Fluorophenol

Concen: 0.14 ng

RT: 5.34 min Scan# 263

Delta R.T. -0.02 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

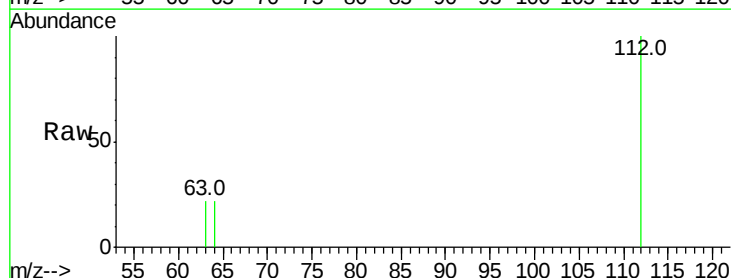
Tgt Ion:112 Resp: 506

Ion Ratio Lower Upper

112 100

64 0.0 56.4 84.6#

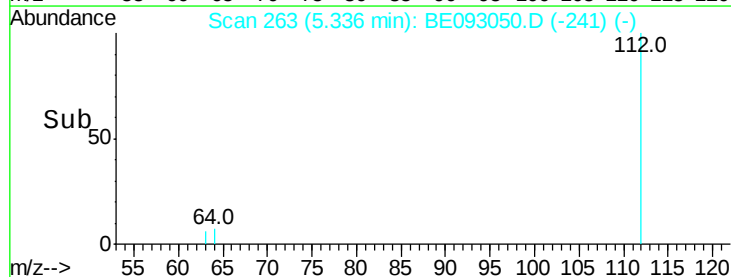
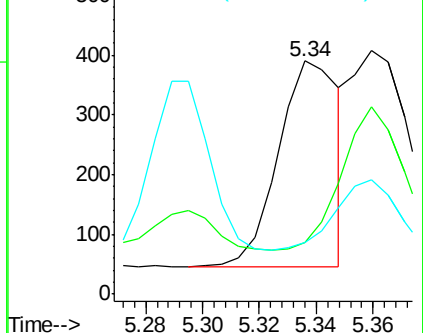
63 0.0 29.3 43.9#

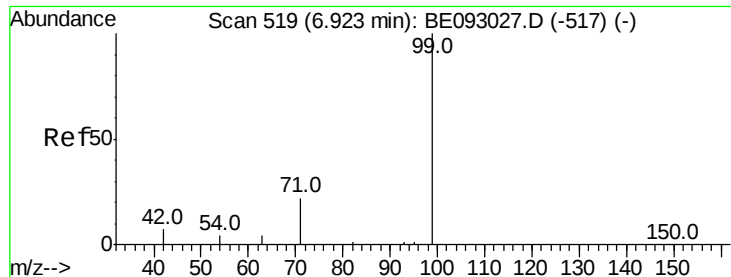


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.11 ng

RT: 6.95 min Scan# 520

Delta R.T. 0.02 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

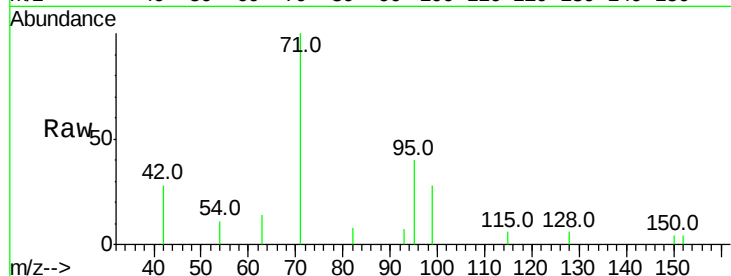
Tot Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 120.0 0.0 0.0#

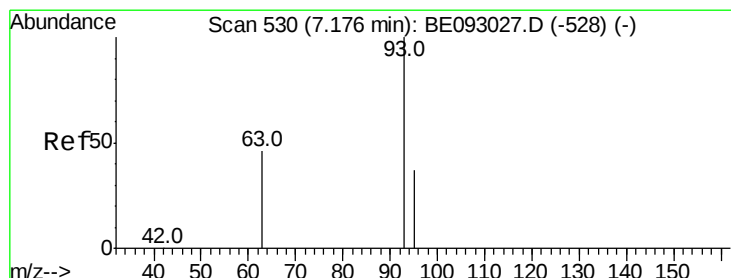
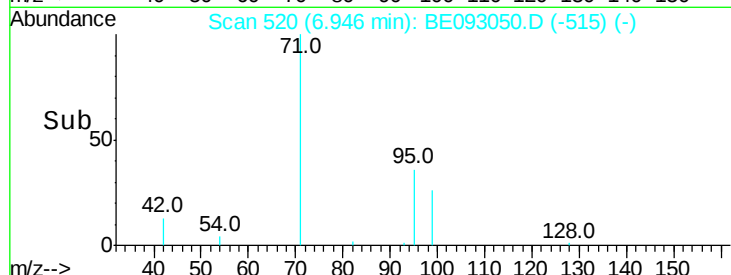
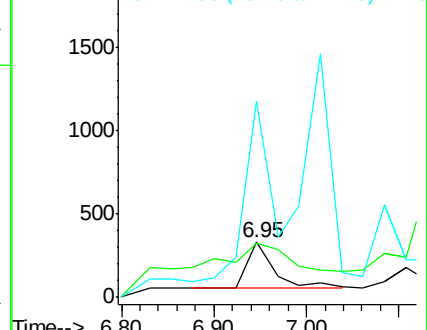
71 391.7 0.0 0.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 1.38 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

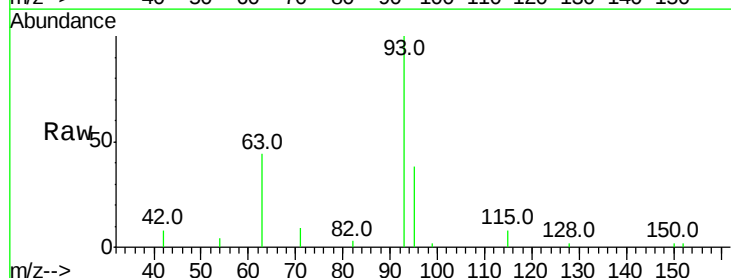
Tgt Ion: 93 Resp: 5299

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

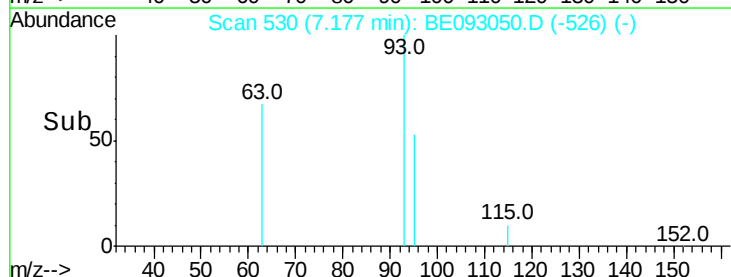
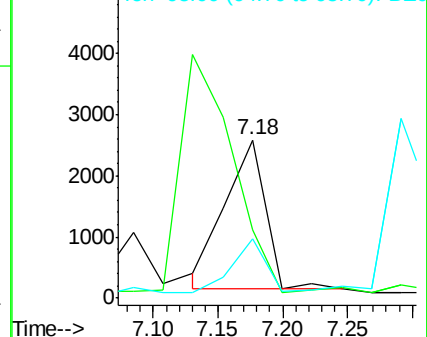
95 30.3 25.4 38.0

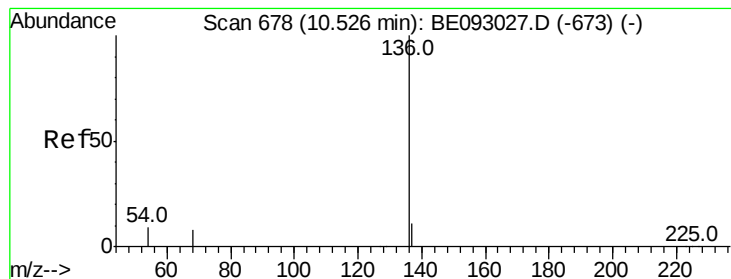


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

Tot Ion:136 Resp: 4726

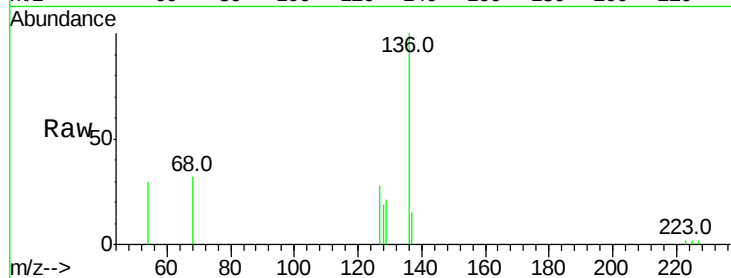
Ion Ratio Lower Upper

136 100

137 14.9 9.8 14.8#

54 29.6 10.3 15.5#

68 31.7 9.0 13.4#

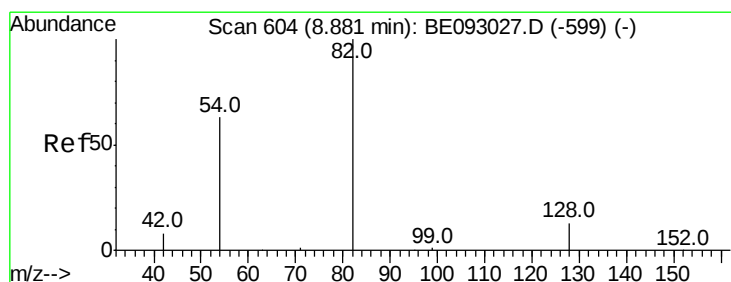
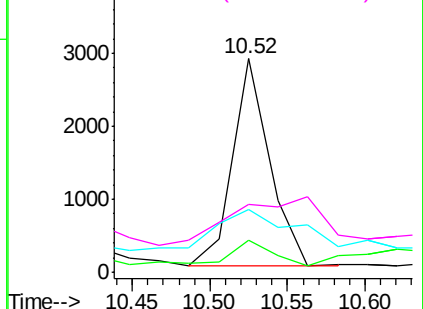
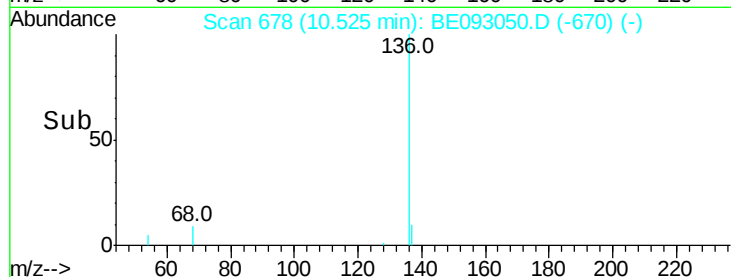


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.21 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

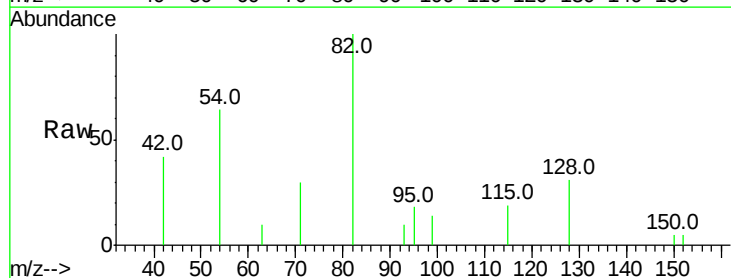
Tgt Ion: 82 Resp: 4989

Ion Ratio Lower Upper

82 100

128 31.0 17.0 25.4#

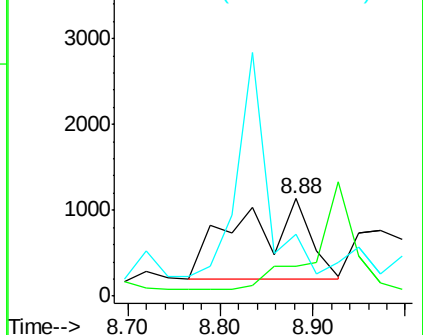
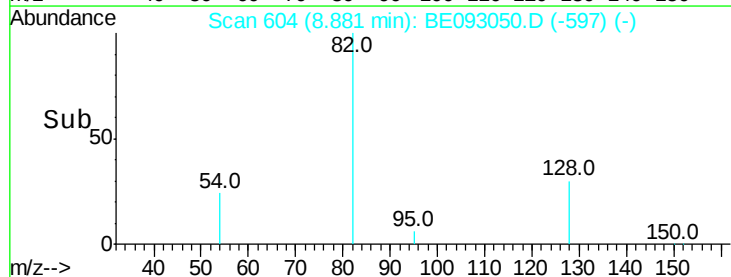
54 63.7 53.8 80.6

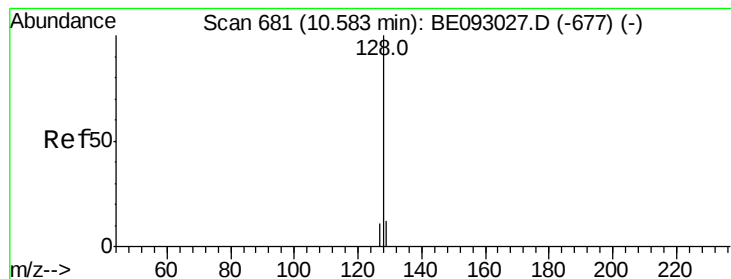


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.37 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

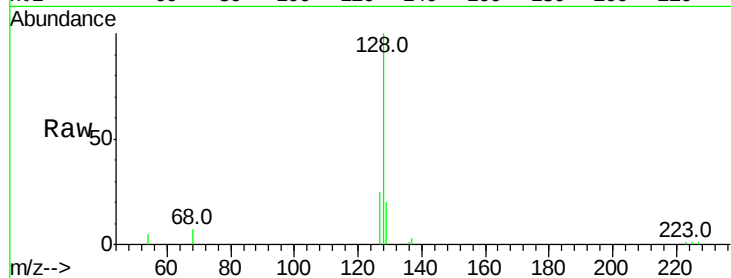
Tot Ion:128 Resp: 17081

Ion Ratio Lower Upper

128 100

129 20.3 11.4 17.0#

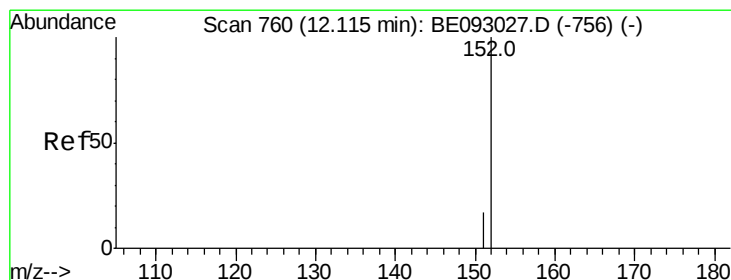
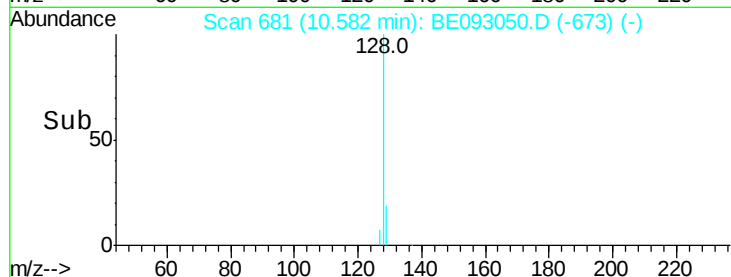
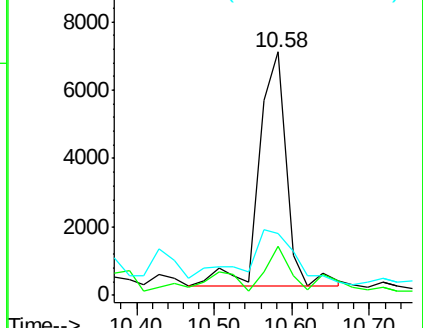
127 25.2 11.2 16.8#



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: 0.39 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093050.D

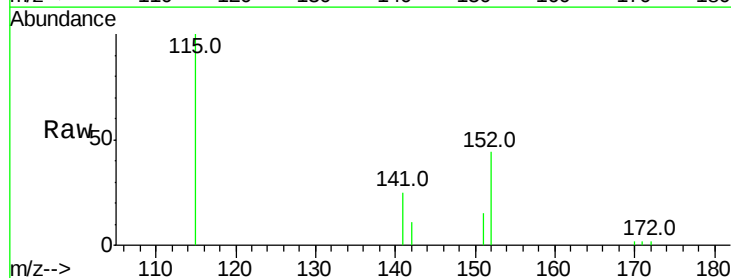
Acq: 16 May 2017 12:48

Tgt Ion:152 Resp: 2692

Ion Ratio Lower Upper

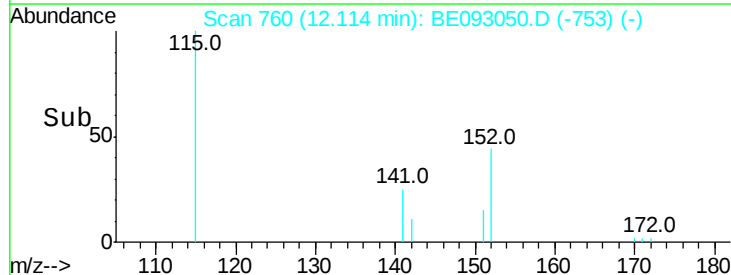
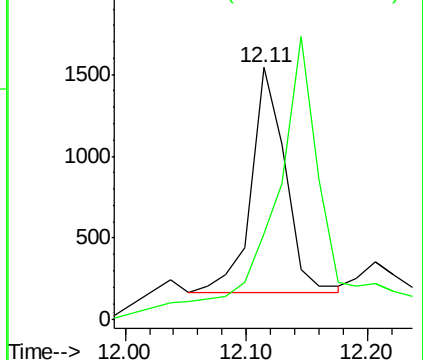
152 100

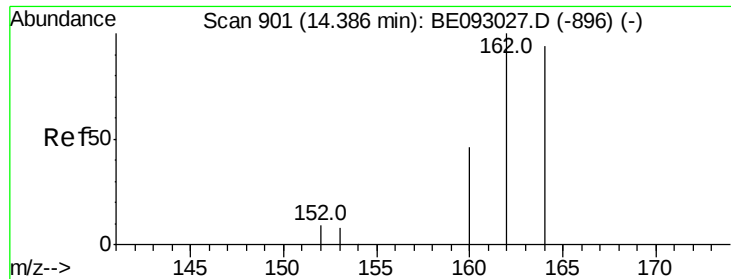
151 0.0 15.1 22.7#



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: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

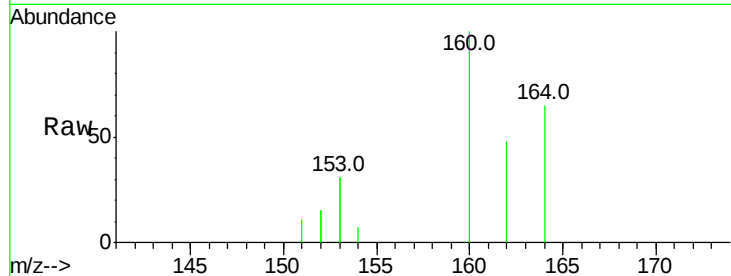
Tot Ion:164 Resp: 5262

Ion Ratio Lower Upper

164 100

162 74.1 84.6 127.0#

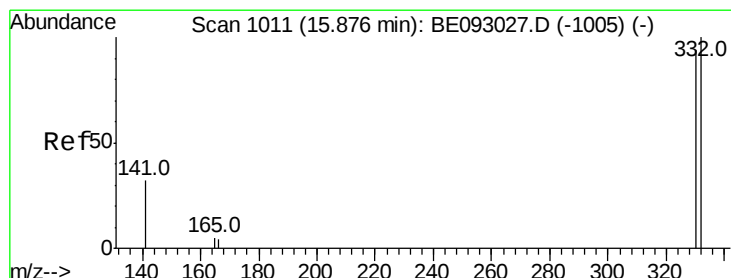
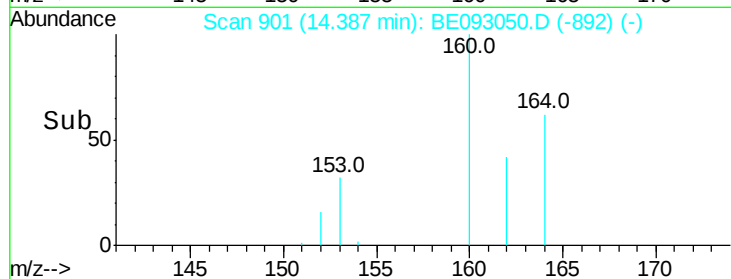
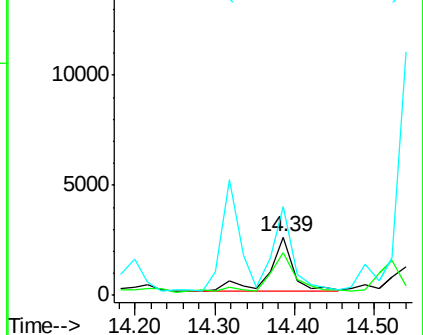
160 153.2 41.8 62.6#



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: 0.27 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

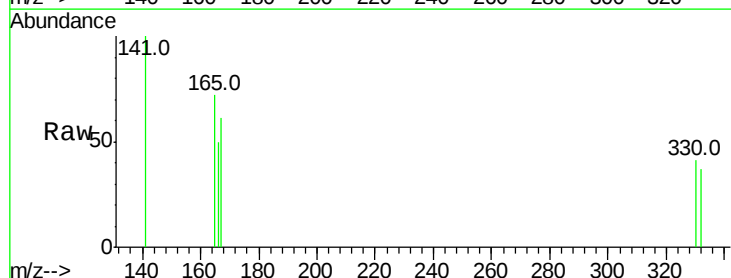
Tgt Ion:330 Resp: 426

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

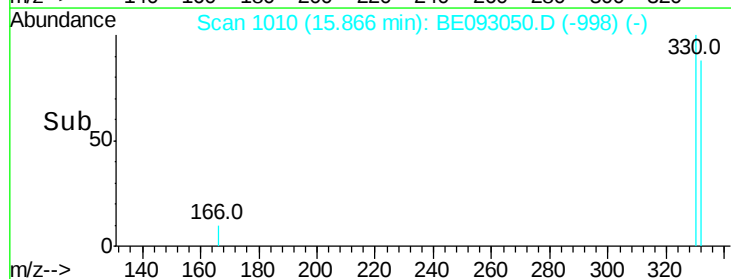
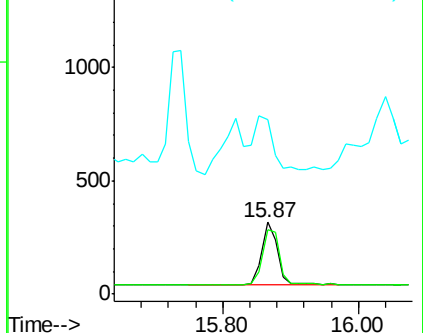
141 116.0 56.2 84.4#

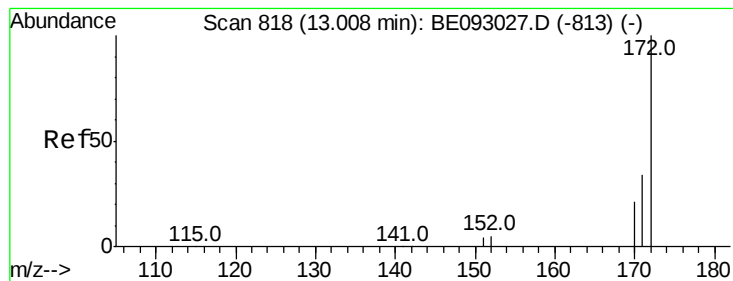


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

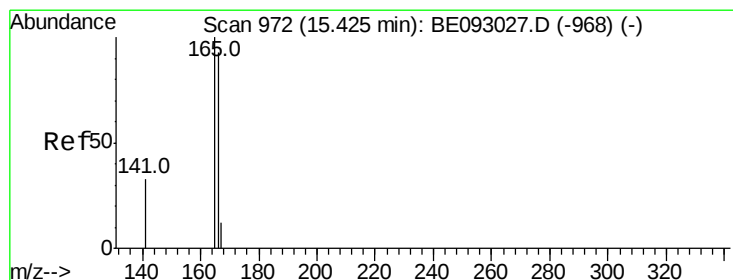
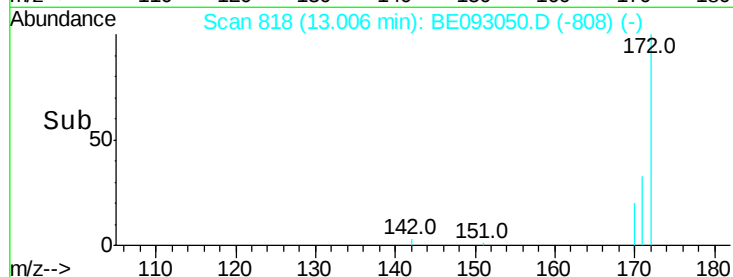
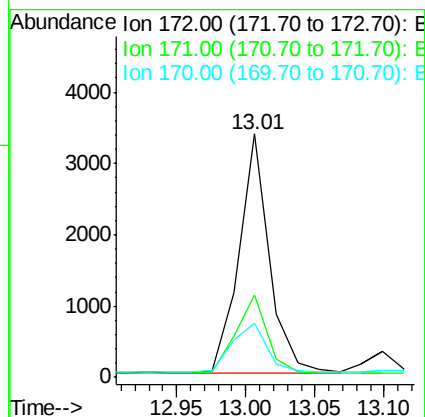
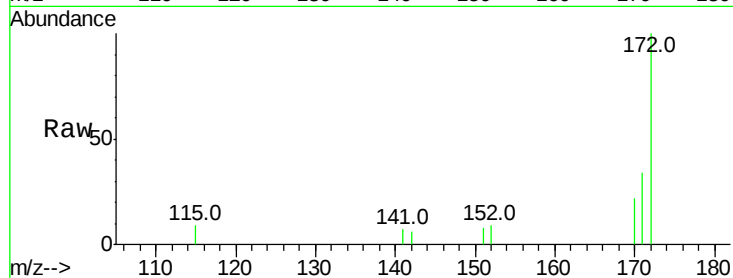




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093050.D
Acq: 16 May 2017 12:48

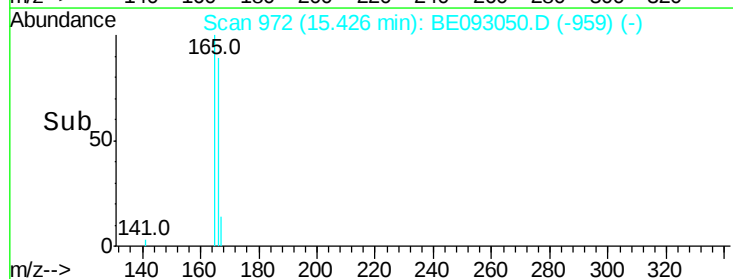
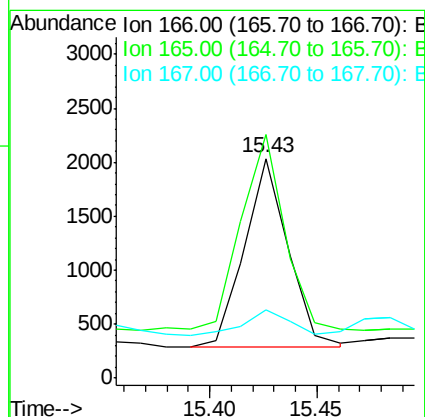
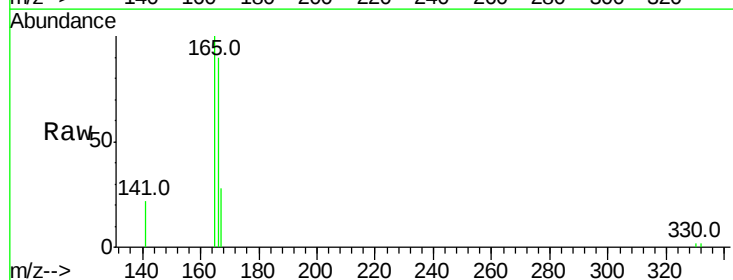
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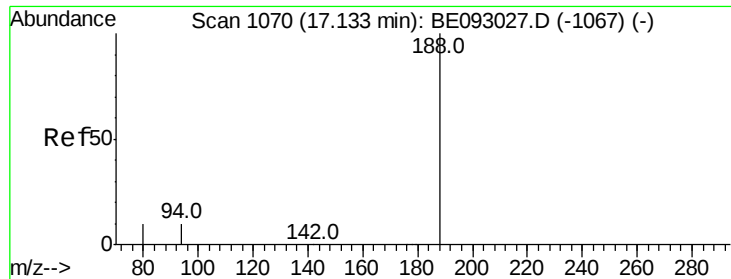
Tot Ion:172 Resp: 5133
Ion Ratio Lower Upper
172 100
171 34.0 29.8 44.6
170 22.2 20.7 31.1



#18
Fluorene
Concen: 0.12 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093050.D
Acq: 16 May 2017 12:48

Tgt Ion:166 Resp: 2501
Ion Ratio Lower Upper
166 100
165 103.4 78.6 117.8
167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

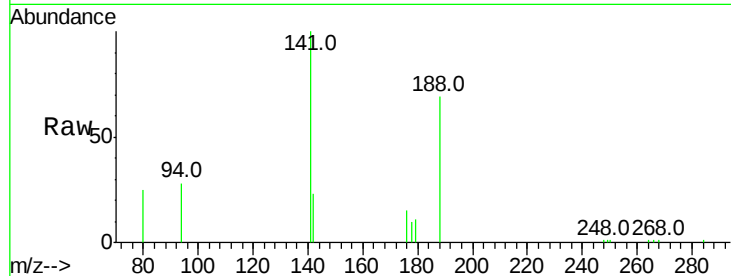
Tot Ion:188 Resp: 6916

Ion Ratio Lower Upper

188 100

94 41.0 11.3 16.9#

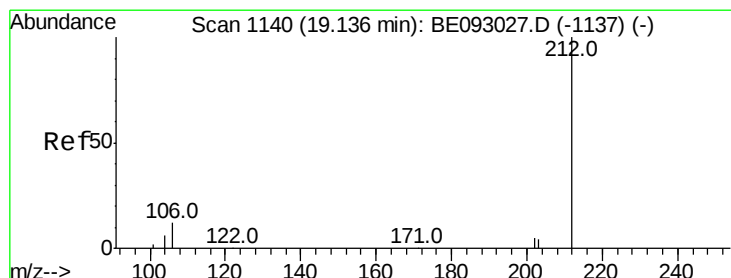
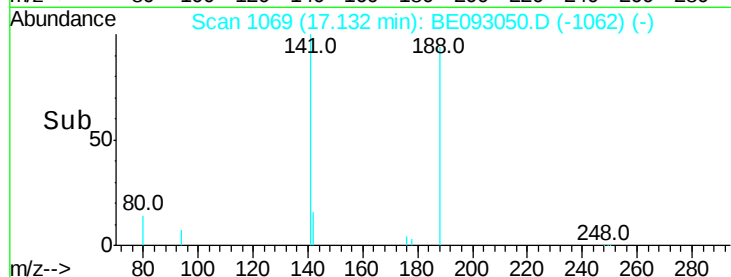
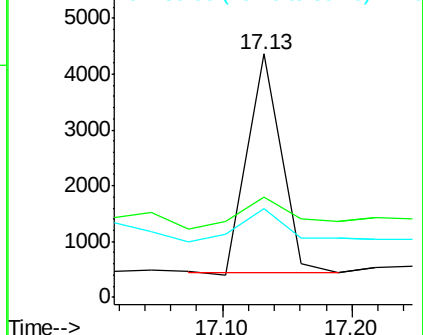
80 36.5 11.7 17.5#



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: 0.32 ng

RT: 19.14 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

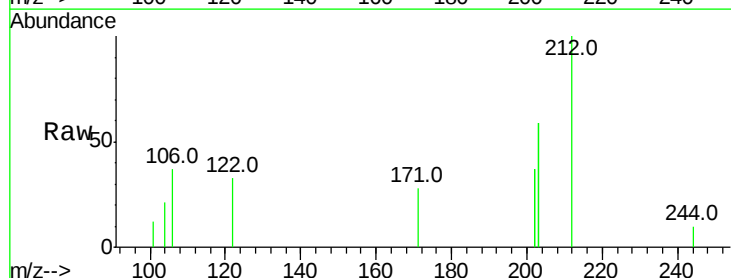
Tgt Ion:212 Resp: 5791

Ion Ratio Lower Upper

212 100

106 17.7 0.0 0.0#

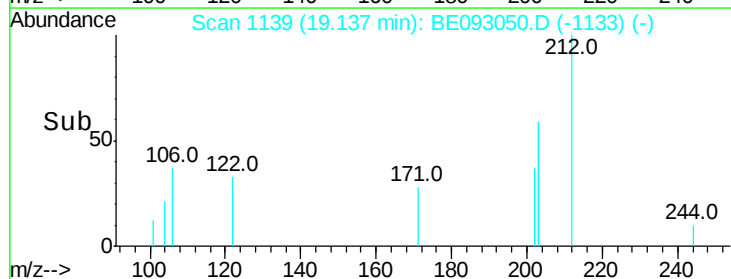
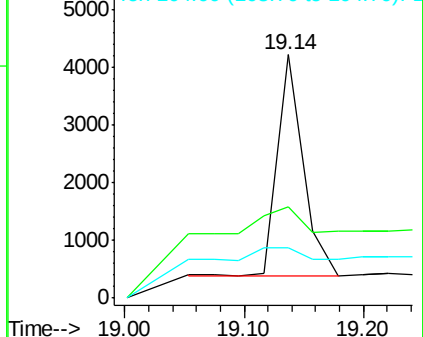
104 0.0 0.0 0.0

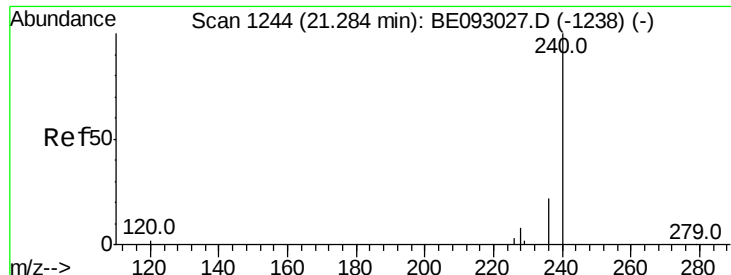


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

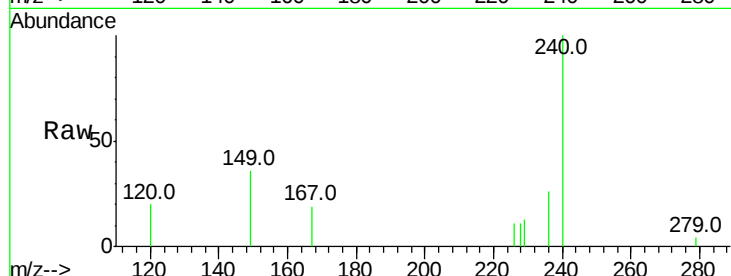
Tot Ion:240 Resp: 7357

Ion Ratio Lower Upper

240 100

120 20.4 4.6 7.0#

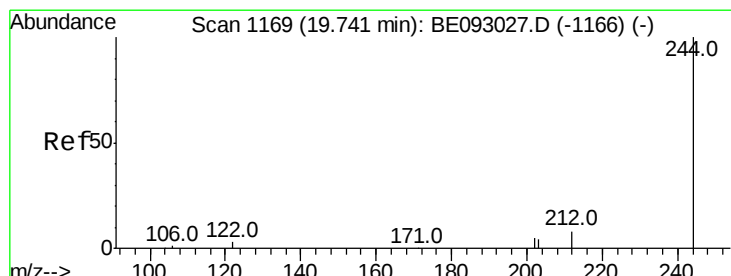
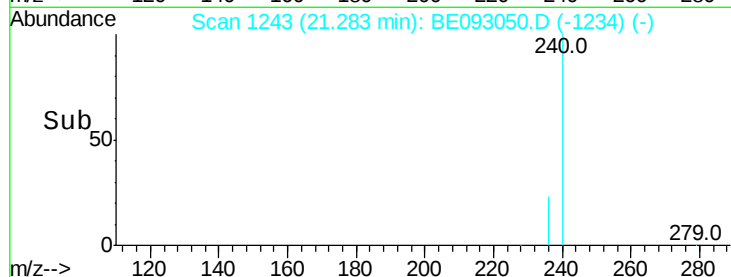
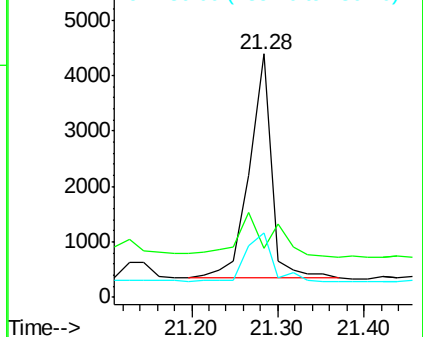
236 26.3 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.60 ng

RT: 19.74 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

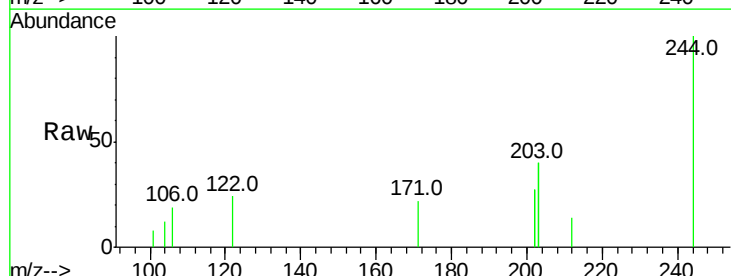
Tgt Ion:244 Resp: 8299

Ion Ratio Lower Upper

244 100

212 13.6 10.6 16.0

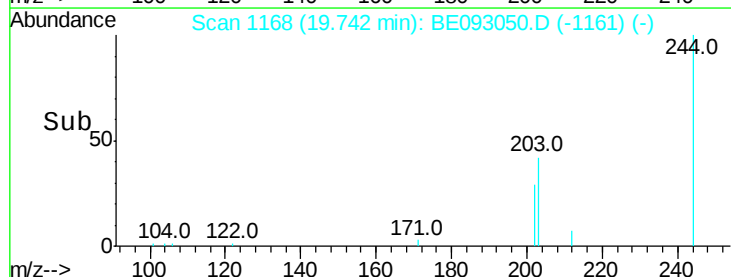
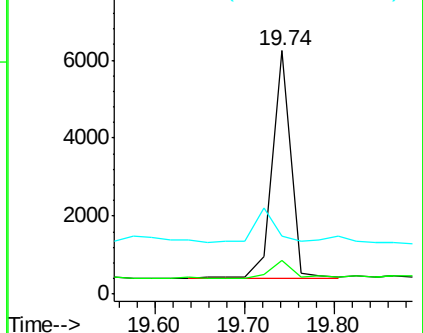
122 23.6 15.4 23.0#

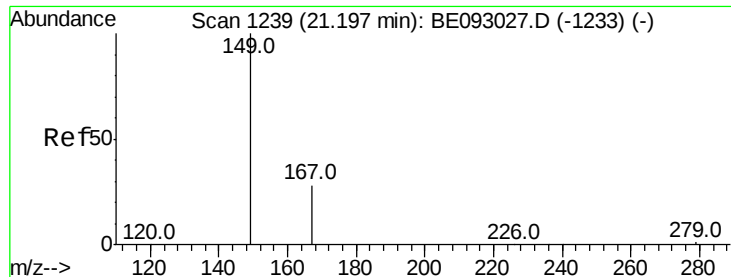


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.49 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509RE

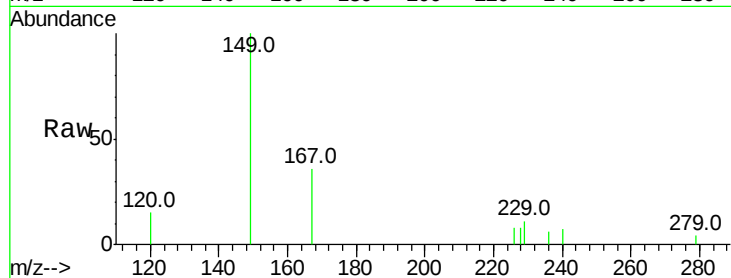
Tot Ion:149 Resp: 5045

Ion Ratio Lower Upper

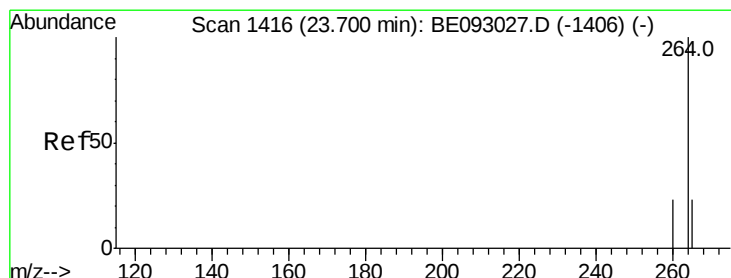
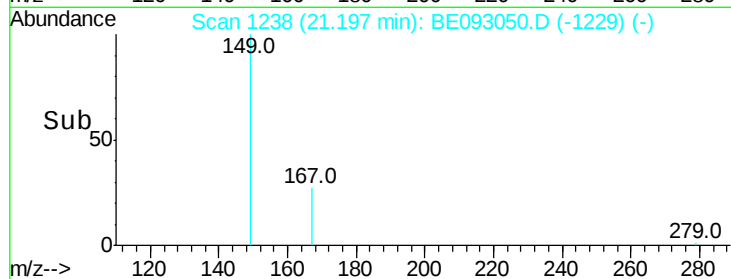
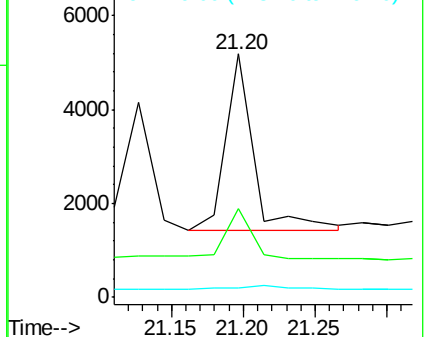
149 100

167 25.7 20.1 30.1

279 3.1 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: 0.40 ng

RT: 23.69 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BE093050.D

Acq: 16 May 2017 12:48

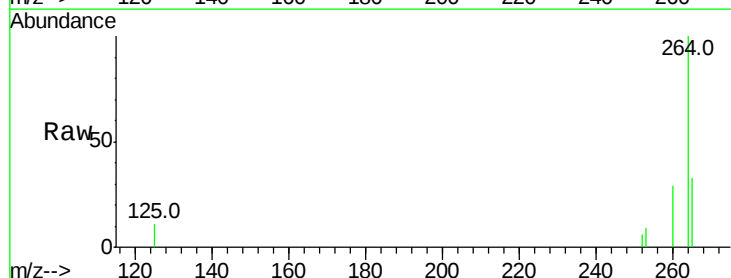
Tgt Ion:264 Resp: 5736

Ion Ratio Lower Upper

264 100

260 29.2 21.0 31.4

265 32.8 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

