

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093706.D
 Acq On : 7 Aug 2017 18:12
 Operator : SJ/JU
 Sample : I4570-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170801

Quant Time: Aug 08 00:47:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

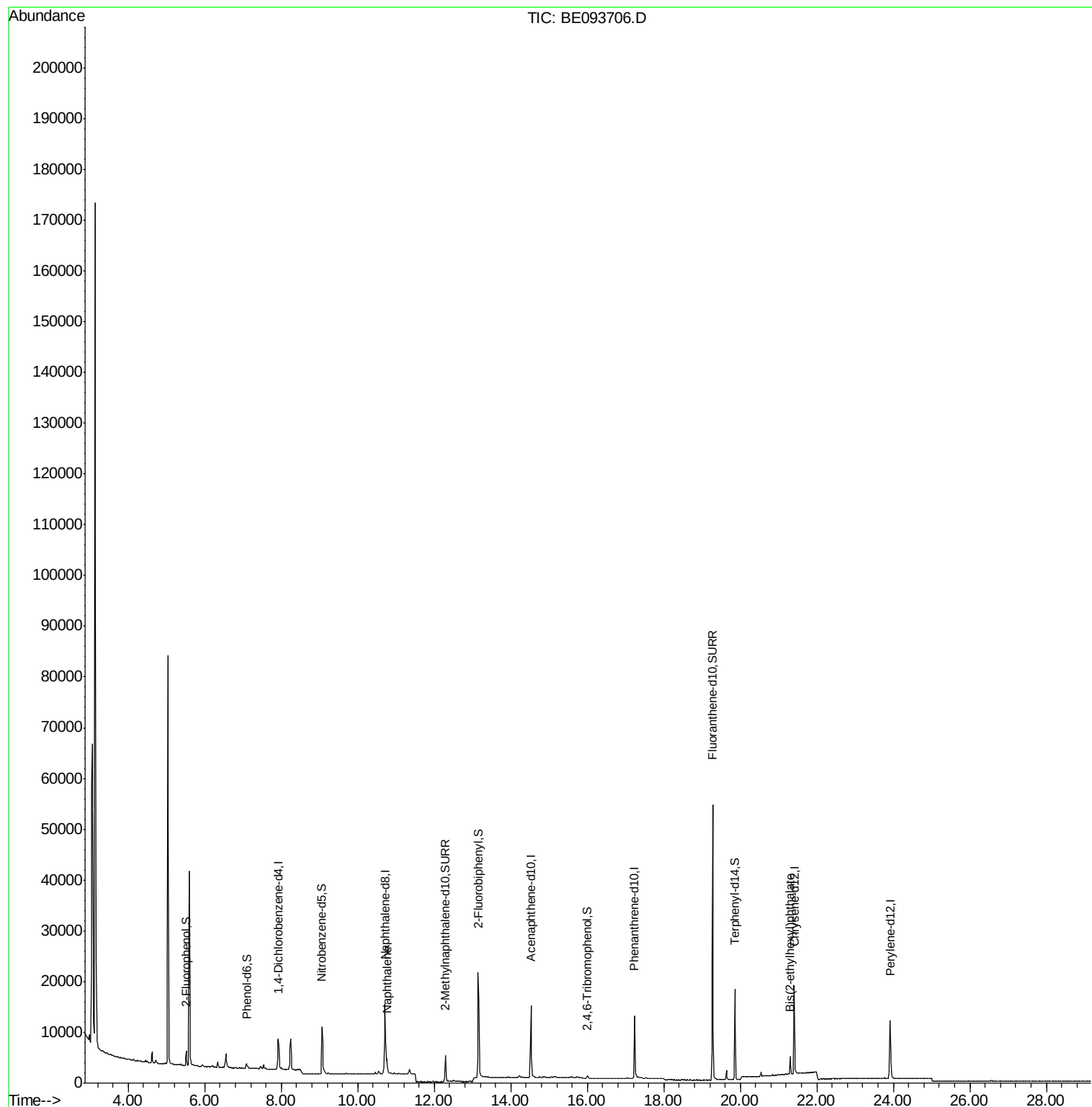
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3152	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15337	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8622	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20868	0.40	ng	0.00
27) Chrysene-d12	21.42	240	20495	0.40	ng	0.01
34) Perylene-d12	23.92	264	18123	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1522	0.15	ng	0.00
5) Phenol-d6	7.10	99	1274	0.08	ng	0.01
8) Nitrobenzene-d5	9.06	82	4142	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8065	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	659	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	23348	0.69	ng	0.00
25) Fluoranthene-d10	19.28	212	76804	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	14813	0.41	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	5517	0.031	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.30	149	4123	0.030	ng	# 96

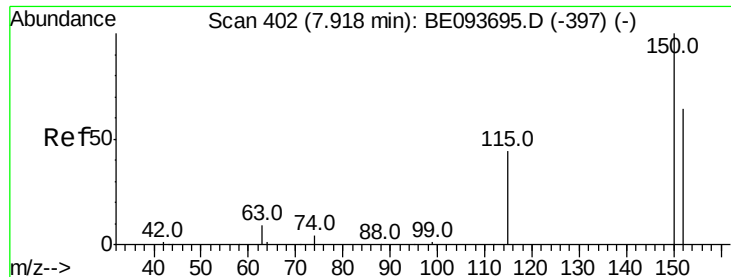
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170801

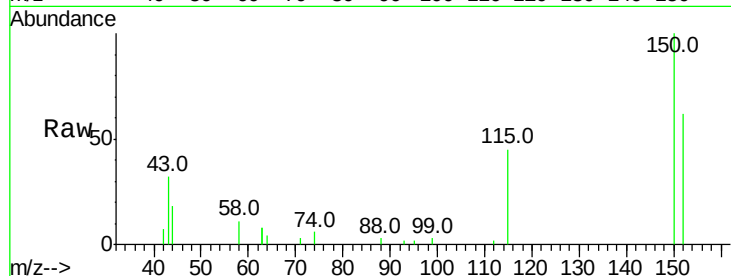
Tot Ion:152 Resp: 3152

Ion Ratio Lower Upper

152 100

150 160.9 125.1 187.7

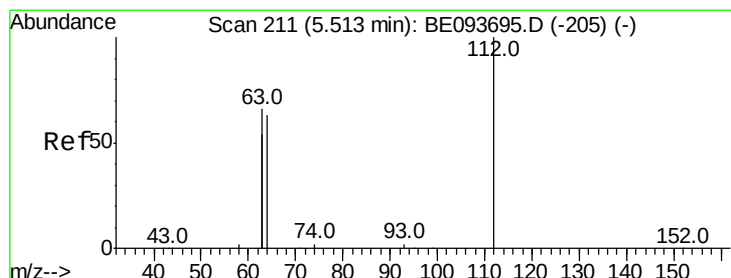
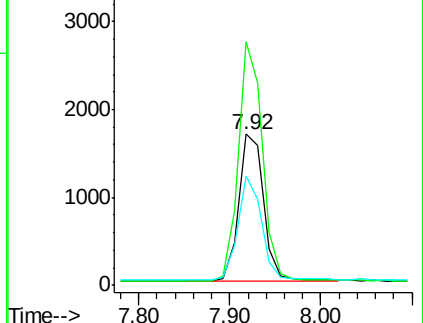
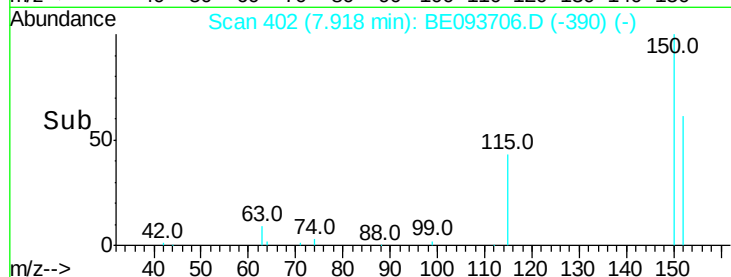
115 72.0 55.7 83.5



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: 0.149 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

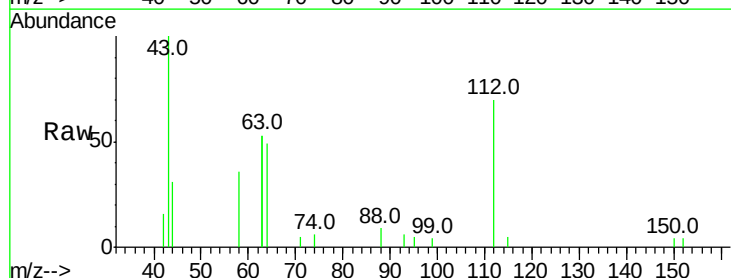
Tgt Ion:112 Resp: 1522

Ion Ratio Lower Upper

112 100

64 68.2 56.4 84.6

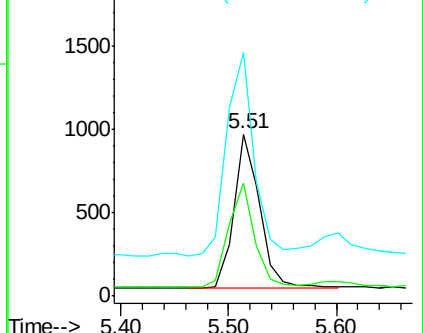
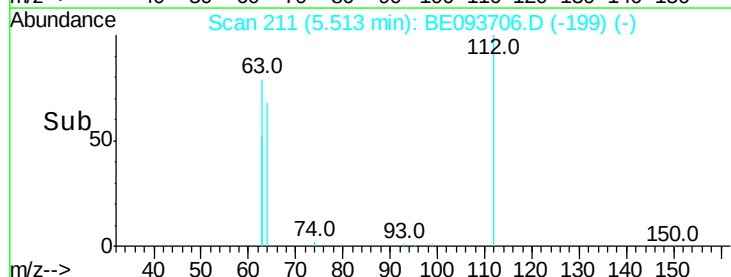
63 145.2 29.3 43.9#

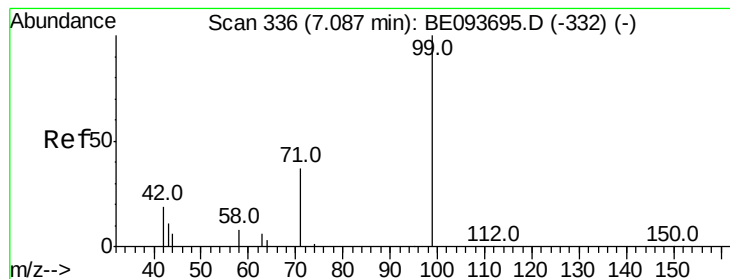


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170801

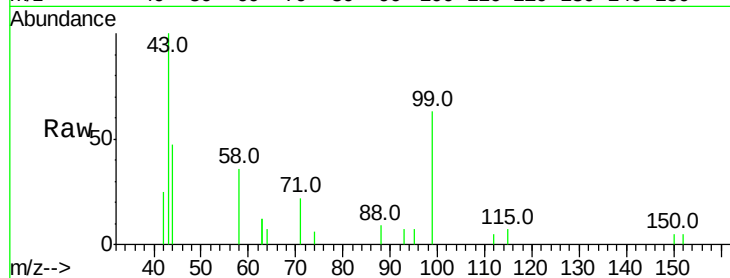
Tot Ion: 99 Resp: 1274

Ion Ratio Lower Upper

99 100

42 24.1 0.0 0.0#

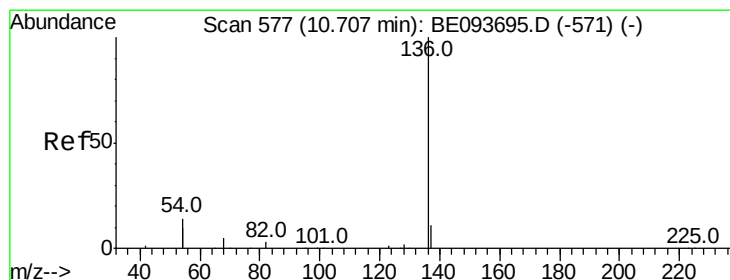
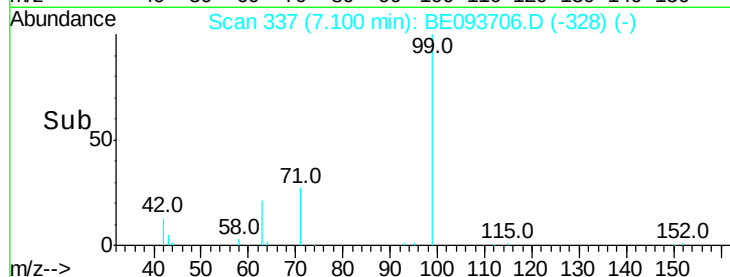
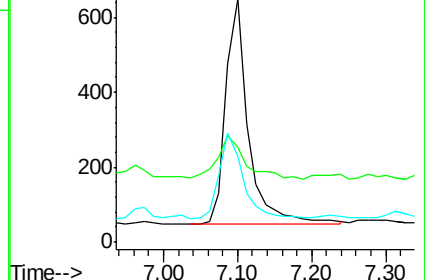
71 41.0 0.0 0.0#



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: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Tgt Ion: 136 Resp: 15337

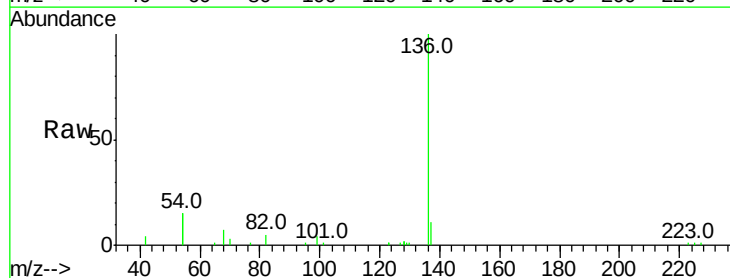
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 31.0 10.3 15.5#

68 6.6 9.0 13.4#

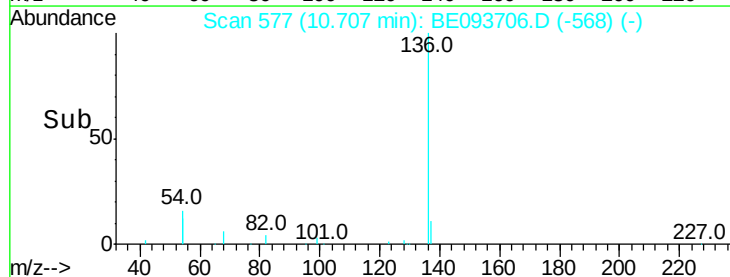
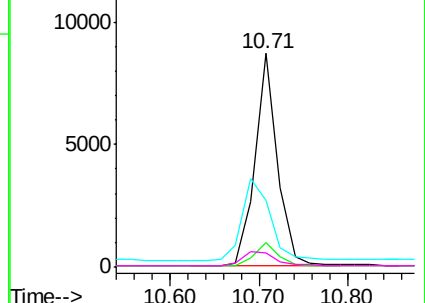


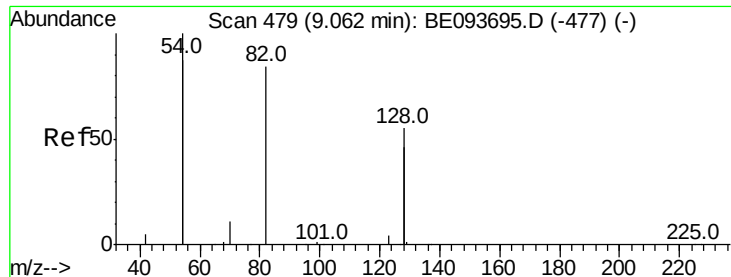
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.316 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170801

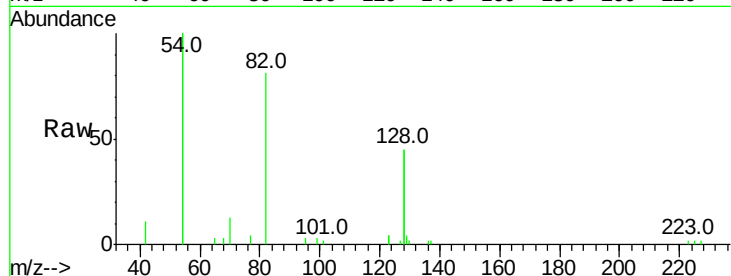
Tot Ion: 82 Resp: 4142

Ion Ratio Lower Upper

82 100

128 111.3 17.0 25.4#

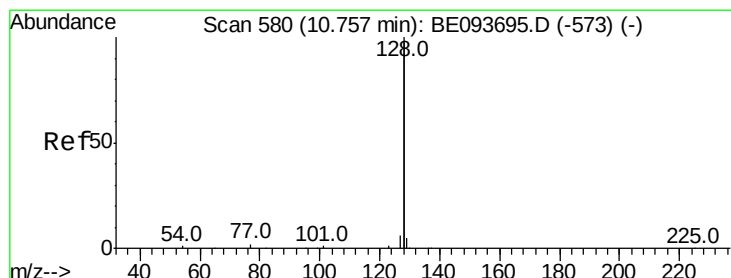
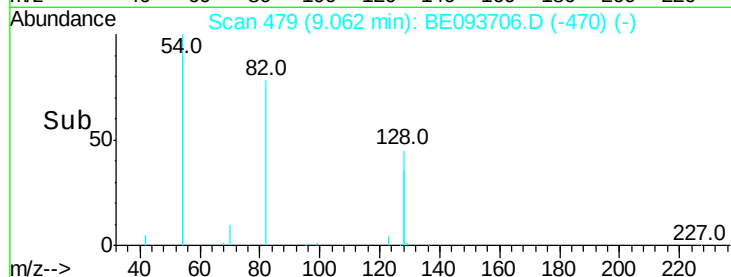
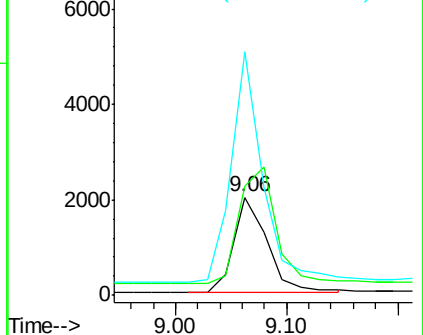
54 247.8 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.031 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

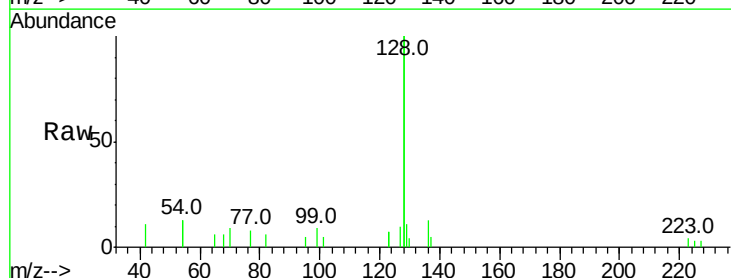
Tgt Ion: 128 Resp: 5517

Ion Ratio Lower Upper

128 100

129 5.5 2.4 3.6#

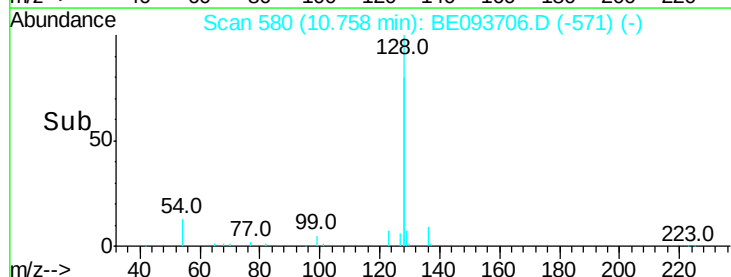
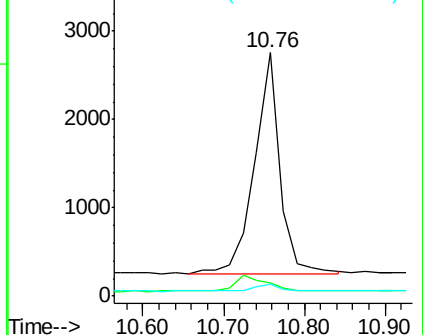
127 5.0 2.4 3.6#

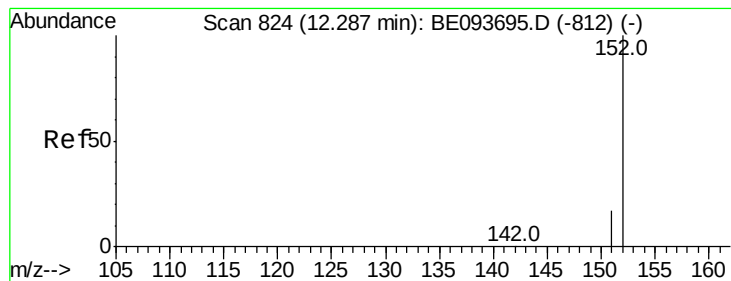


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.327 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

BNA_E

ClientSampleId :

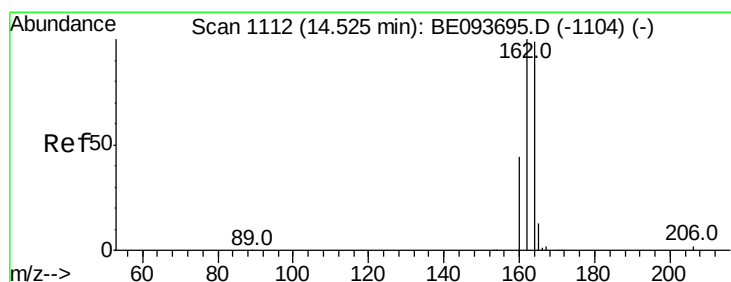
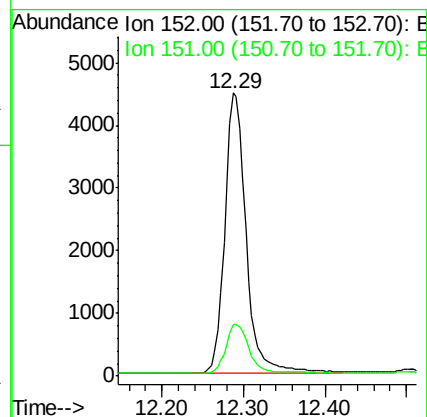
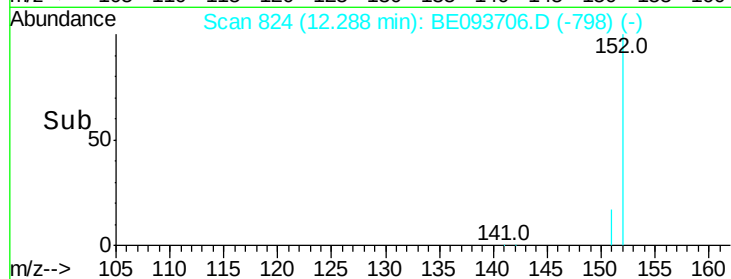
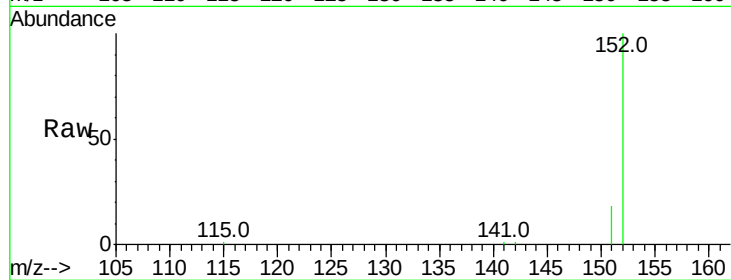
OUTFALL001-170801

Tot Ion:152 Resp: 8065

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

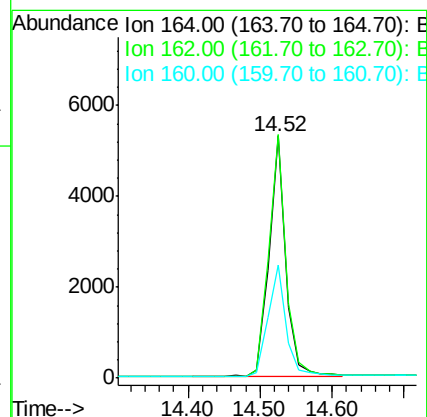
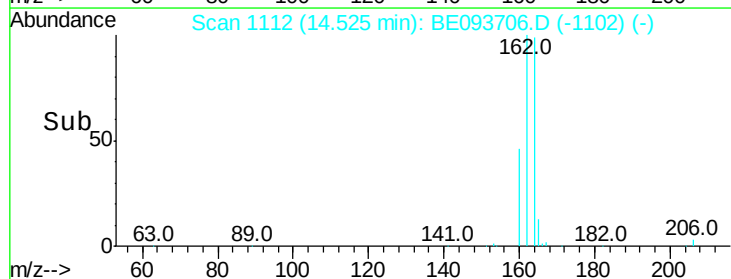
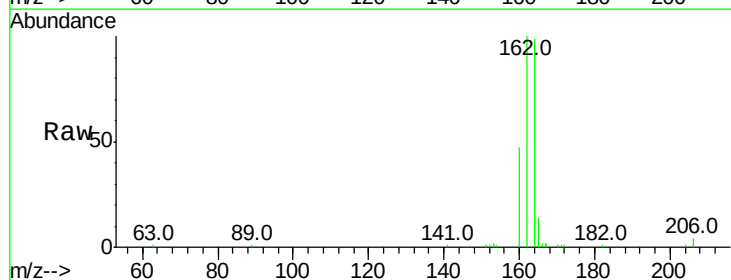
Tgt Ion:164 Resp: 8622

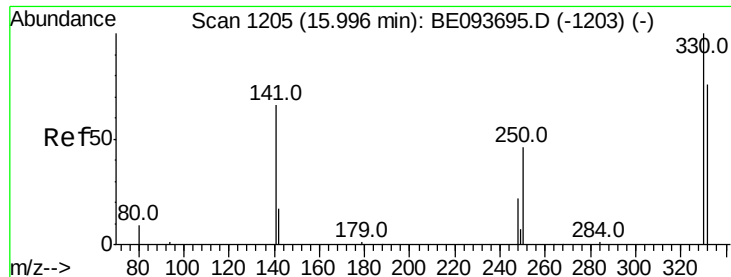
Ion Ratio Lower Upper

164 100

162 100.6 84.6 127.0

160 46.8 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.279 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170801

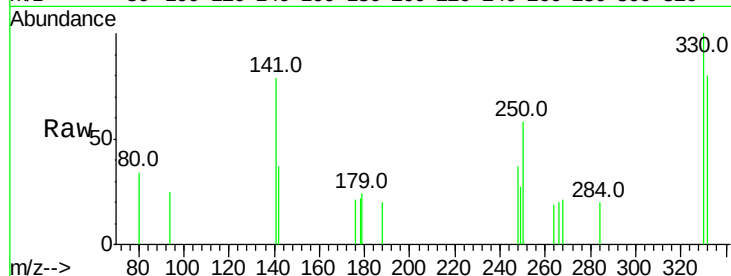
Tot Ion:330 Resp: 659

Ion Ratio Lower Upper

330 100

332 91.4 77.7 116.5

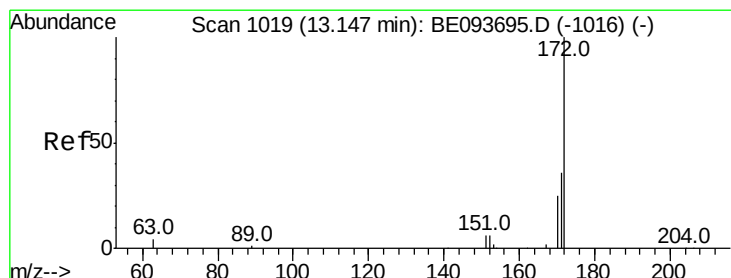
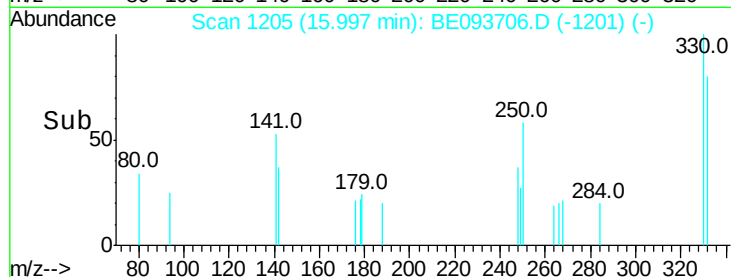
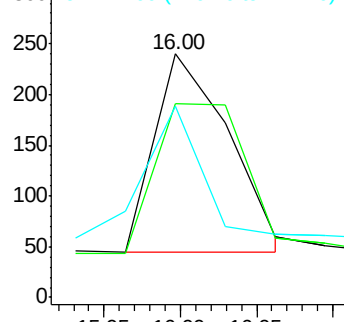
141 50.7 56.2 84.4#



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: 0.687 ng

RT: 13.15 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

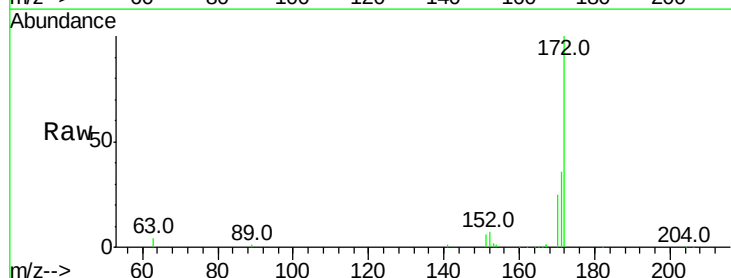
Tgt Ion:172 Resp: 23348

Ion Ratio Lower Upper

172 100

171 36.4 29.8 44.6

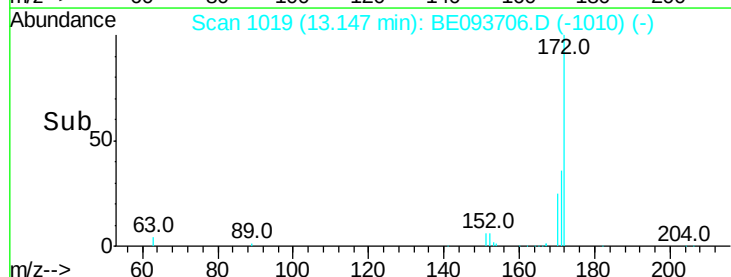
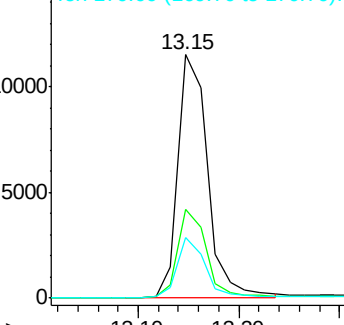
170 25.0 20.7 31.1

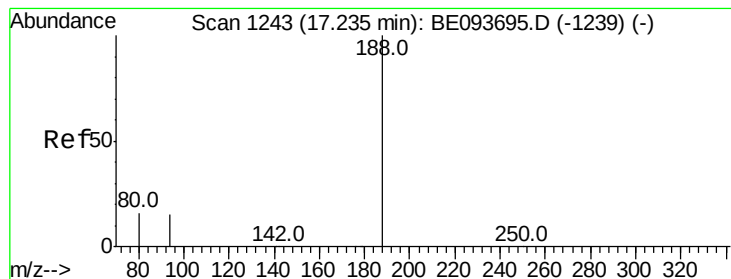


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

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ClientSampleId :

OUTFALL001-170801

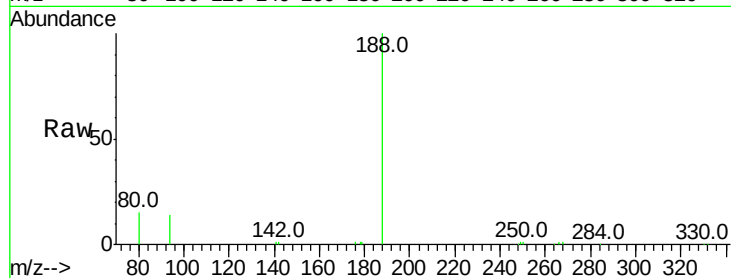
Tot Ion:188 Resp: 20868

Ion Ratio Lower Upper

188 100

94 14.3 11.3 16.9

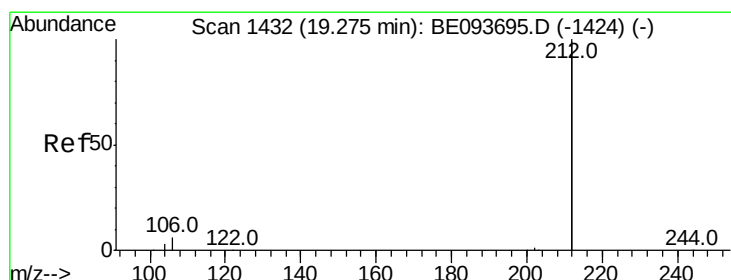
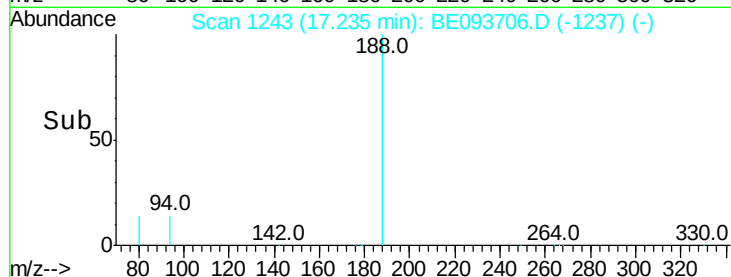
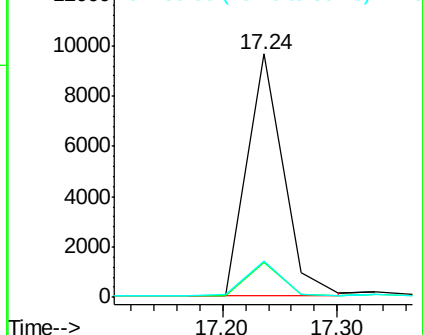
80 15.1 11.7 17.5



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: 0.323 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

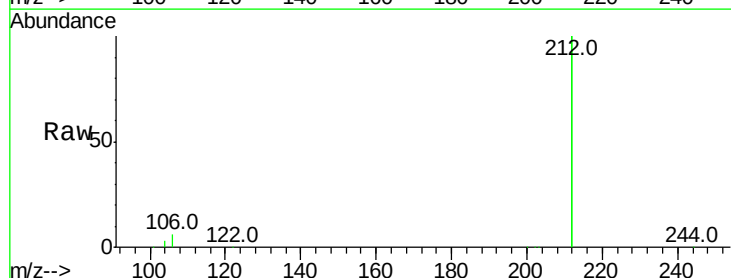
Tgt Ion:212 Resp: 76804

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

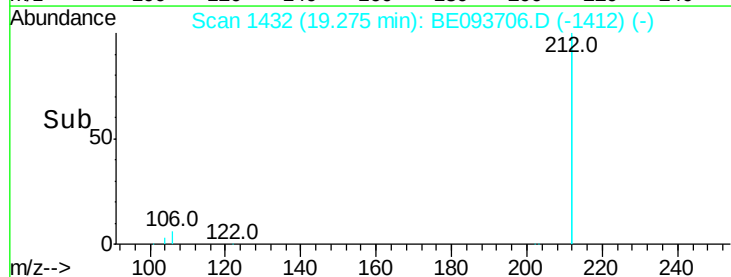
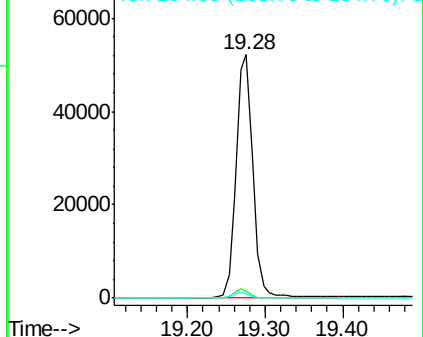
104 1.9 1.6 2.4

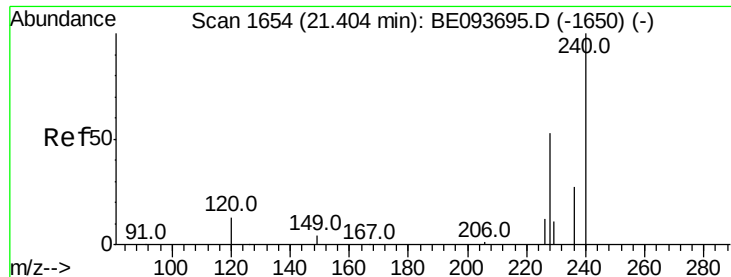


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

Instrument :

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ClientSampleId :

OUTFALL001-170801

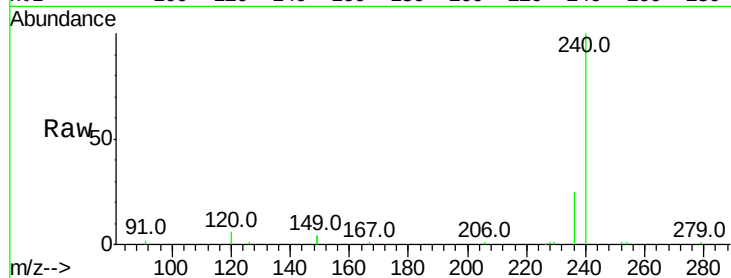
Tot Ion:240 Resp: 20495

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

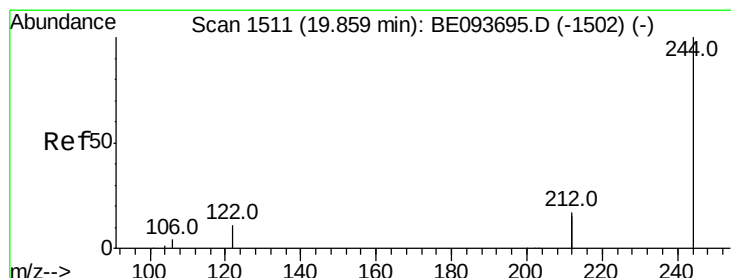
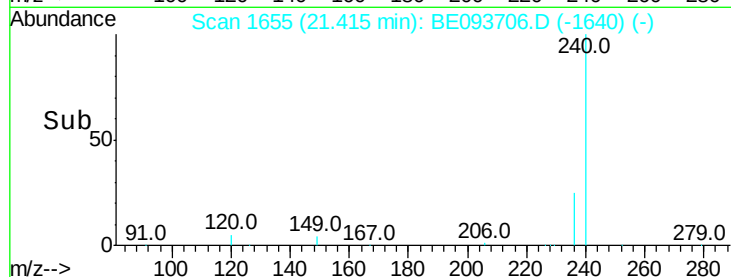
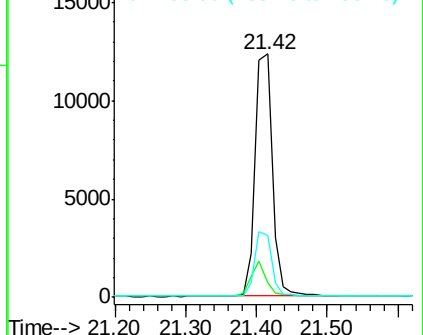
236 25.3 20.8 31.2



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: 0.406 ng

RT: 19.86 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE093706.D

Acq: 7 Aug 2017 18:12

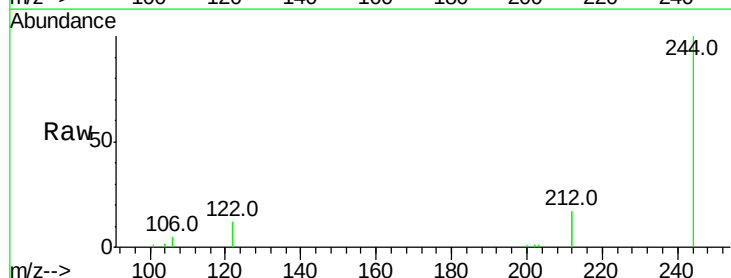
Tgt Ion:244 Resp: 14813

Ion Ratio Lower Upper

244 100

212 34.5 10.6 16.0#

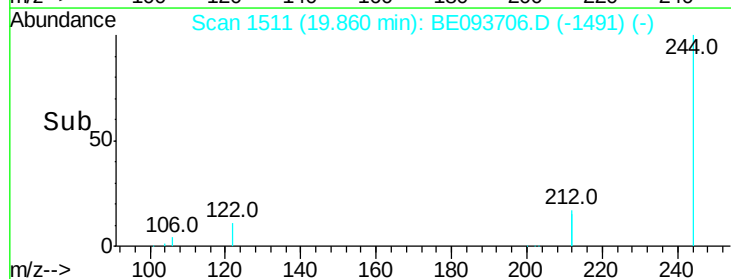
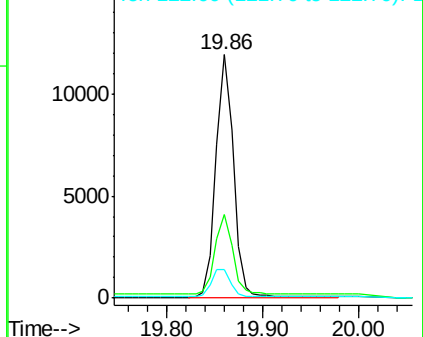
122 11.8 15.4 23.0#

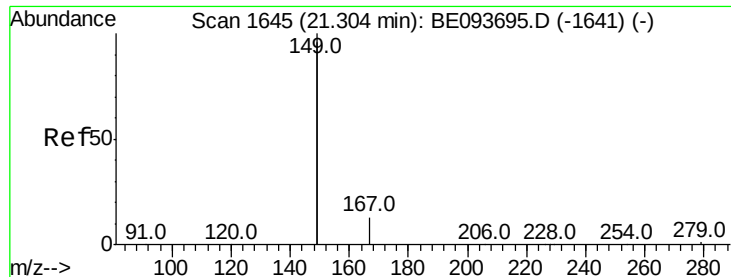


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

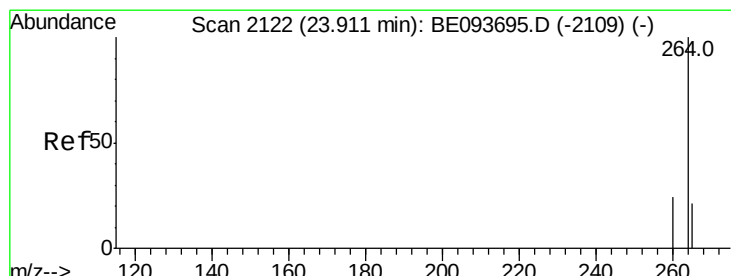
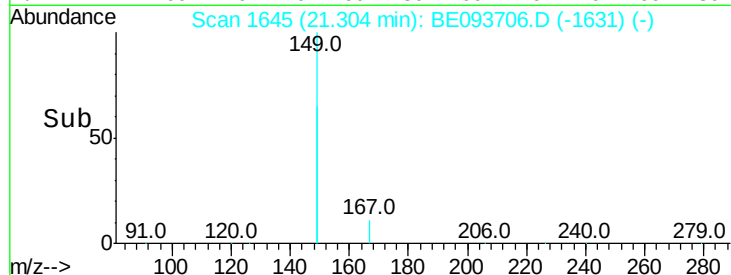
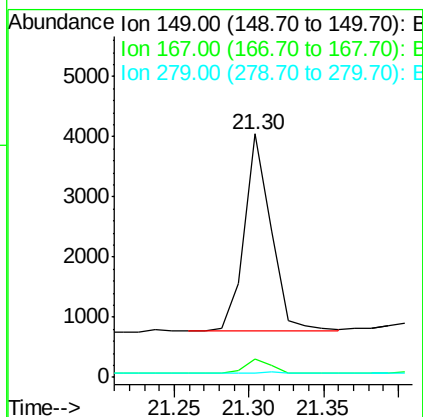
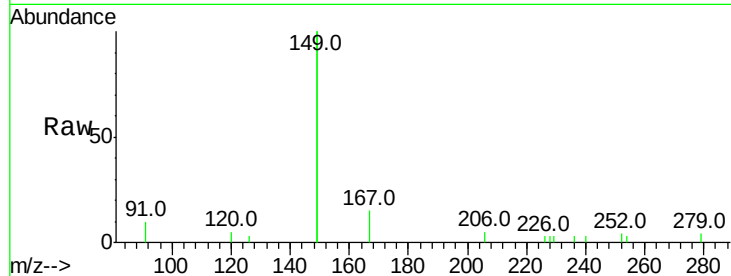




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE093706.D
 Acq: 7 Aug 2017 18:12

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170801

Tot Ion:149 Resp: 4123
 Ion Ratio Lower Upper
 149 100
 167 7.4 4.8 7.2#
 279 1.3 0.8 1.2#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BE093706.D
 Acq: 7 Aug 2017 18:12

Tgt Ion:264 Resp: 18123
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.0 31.4
 265 25.5 24.6 36.8

