

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093604.D
 Acq On : 26 Jul 2017 14:47
 Operator : SJ/JU
 Sample : I4300-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170718

Quant Time: Jul 27 08:27:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

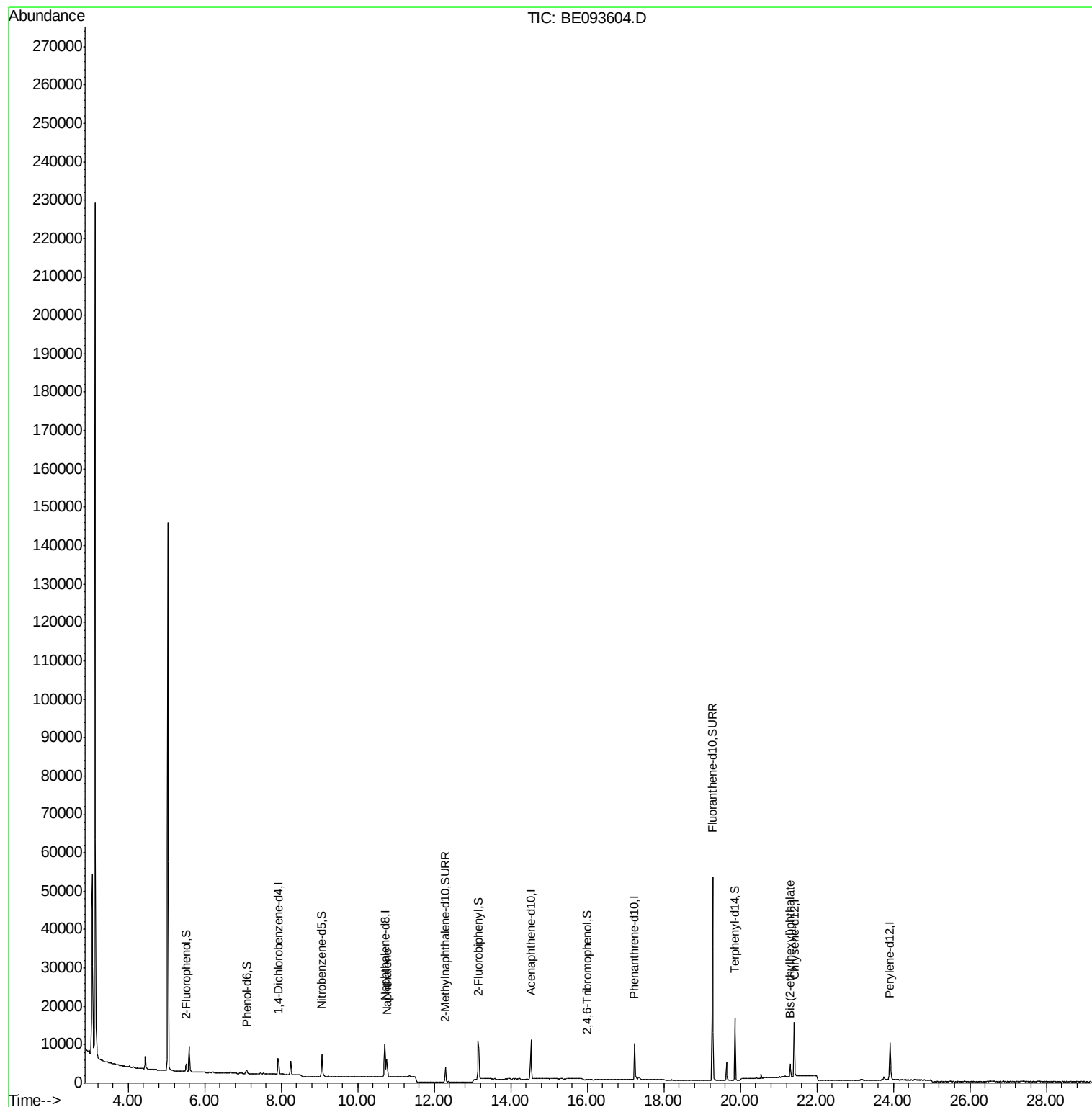
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2098	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	9862	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6141	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15285	0.40	ng	0.00
27) Chrysene-d12	21.42	240	16796	0.40	ng	0.00
34) Perylene-d12	23.92	264	15109	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1141	0.16	ng	0.00
5) Phenol-d6	7.10	99	965	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	2927	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5856	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	235	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11120	0.46	ng	-0.02
25) Fluoranthene-d10	19.27	212	70361	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	13735	0.45	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	7322	0.064	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.30	149	4293	0.033	ng	# 99

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

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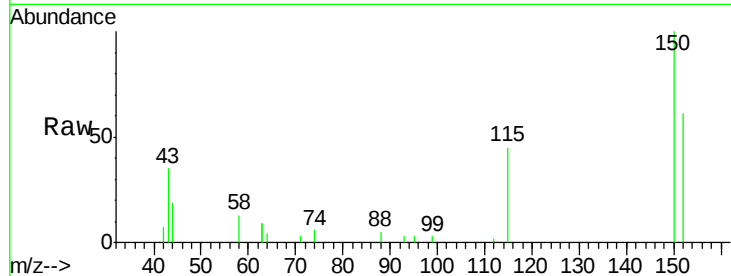


#1

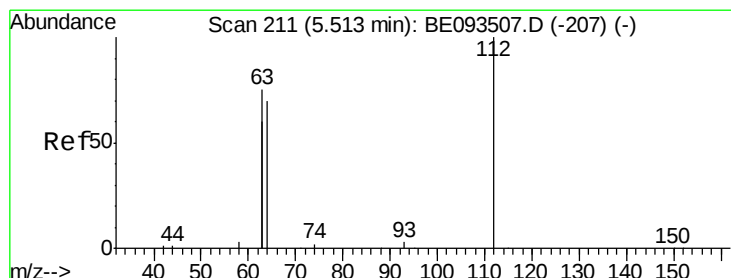
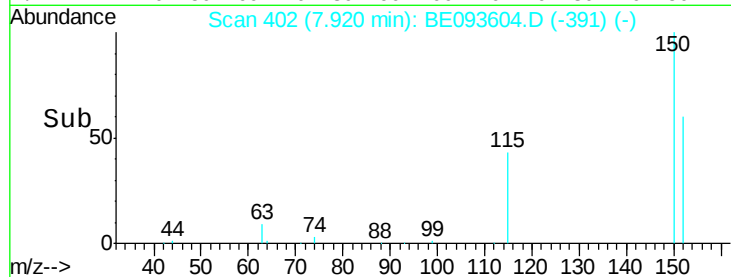
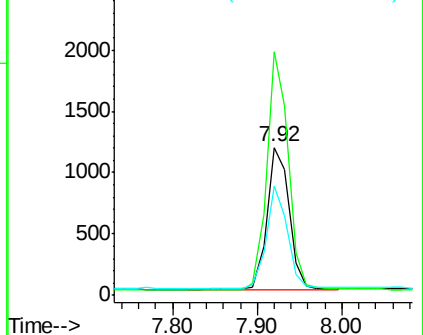
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093604.D
Acq: 26 Jul 2017 14:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170718

Tgt Ion:152 Resp: 2098
Ion Ratio Lower Upper
152 100
150 164.6 125.1 187.7
115 73.8 55.7 83.5



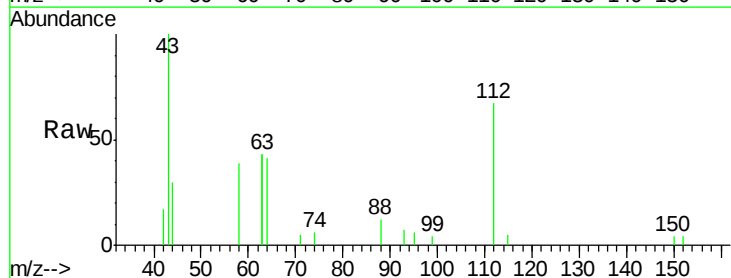
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



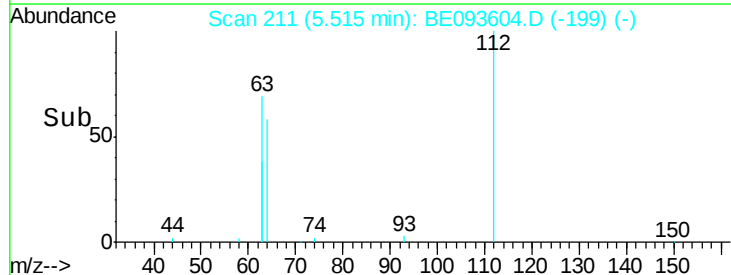
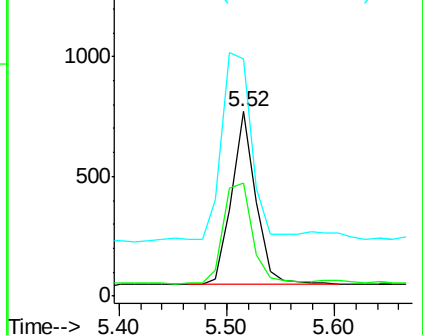
#4

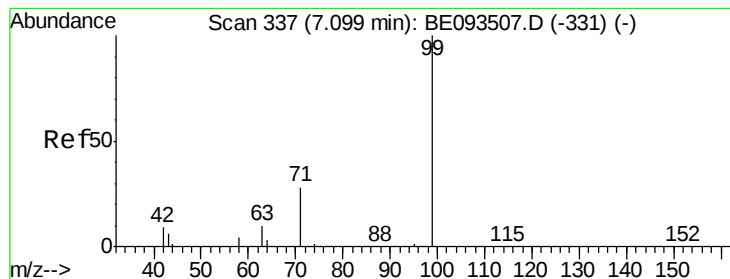
2-Fluorophenol
Concen: 0.157 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093604.D
Acq: 26 Jul 2017 14:47

Tgt Ion:112 Resp: 1141
Ion Ratio Lower Upper
112 100
64 69.9 56.4 84.6
63 140.2 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: 0.095 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170718

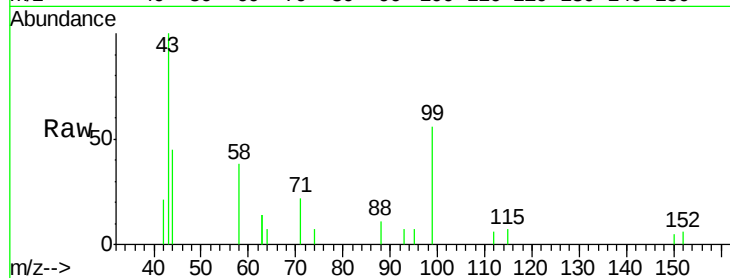
Tgt Ion: 99 Resp: 965

Ion Ratio Lower Upper

99 100

42 18.5 0.0 0.0#

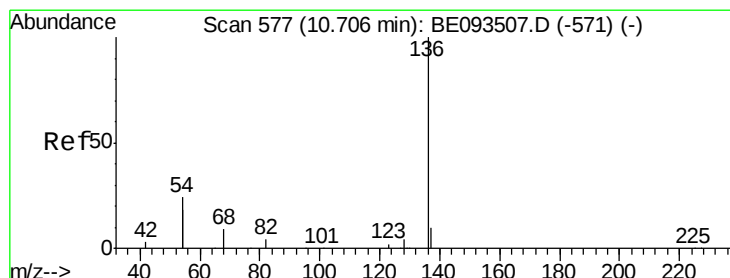
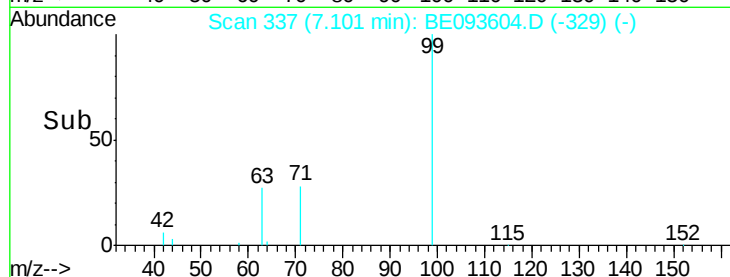
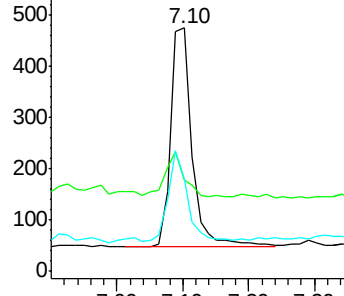
71 37.3 0.0 0.0#



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: BE093604.D

Acq: 26 Jul 2017 14:47

Tgt Ion: 136 Resp: 9862

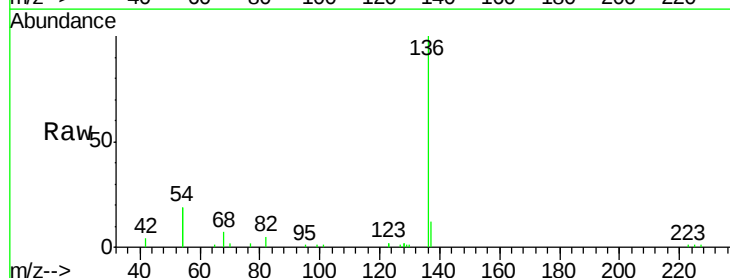
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 38.5 10.3 15.5#

68 7.3 9.0 13.4#

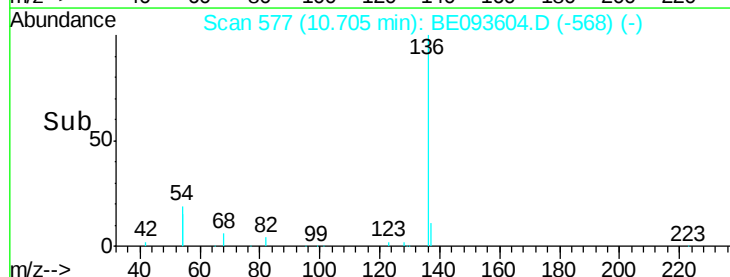
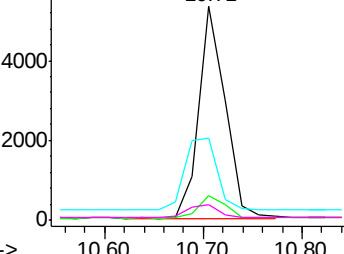


Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.373 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170718

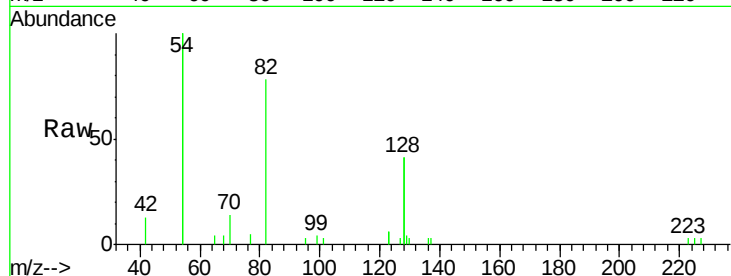
Tgt Ion: 82 Resp: 2927

Ion Ratio Lower Upper

82 100

128 104.2 17.0 25.4#

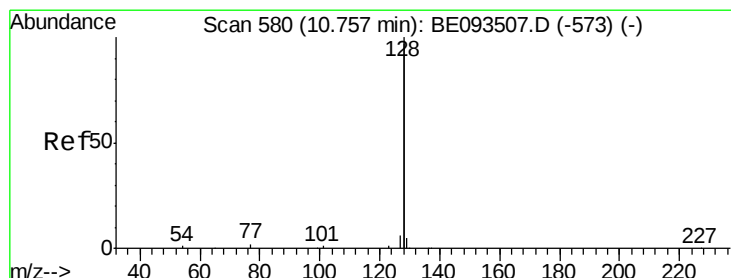
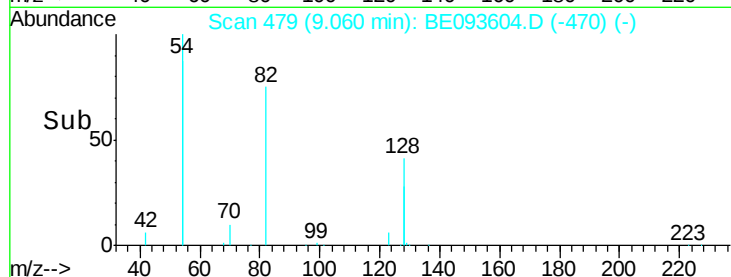
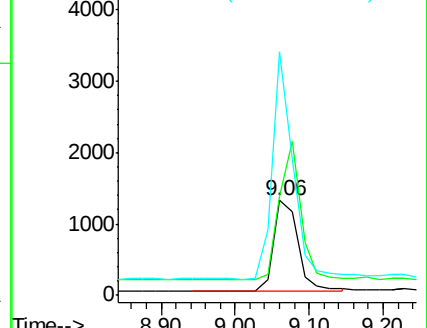
54 256.9 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093507.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093507.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093507.D (-477) (-)



#9

Naphthalene

Concen: 0.064 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

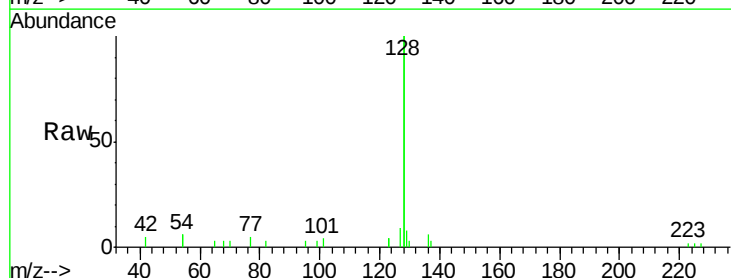
Tgt Ion: 128 Resp: 7322

Ion Ratio Lower Upper

128 100

129 3.9 2.4 3.6#

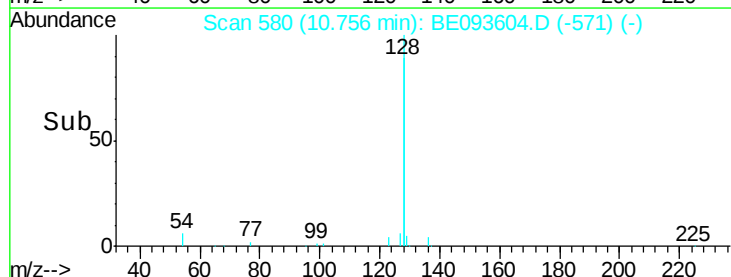
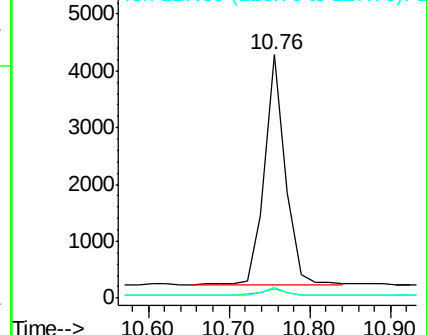
127 4.5 2.4 3.6#

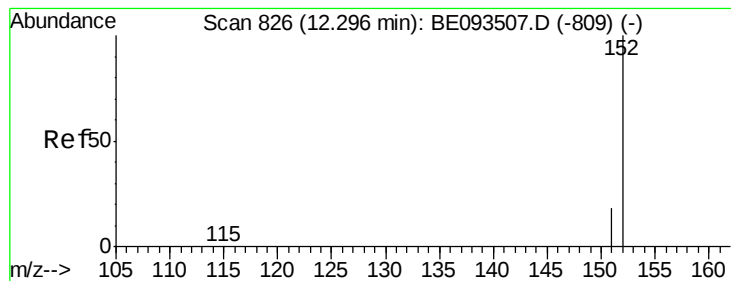


Abundance Ion 128.00 (127.70 to 128.70): BE093507.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE093507.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE093507.D (-573) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

Instrument :

BNA_E

ClientSampleId :

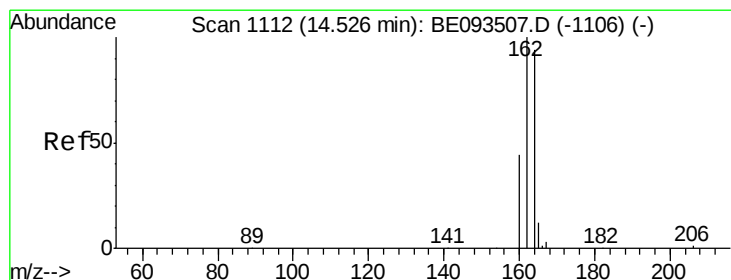
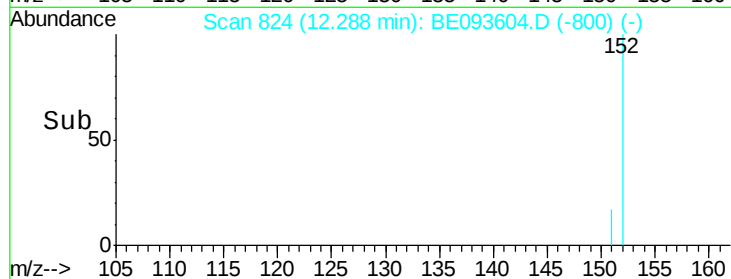
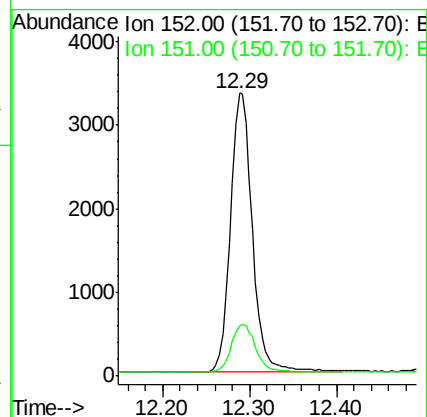
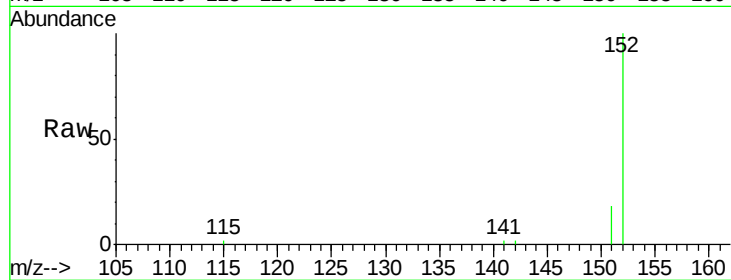
OUTFALL001-170718

Tgt Ion:152 Resp: 5856

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

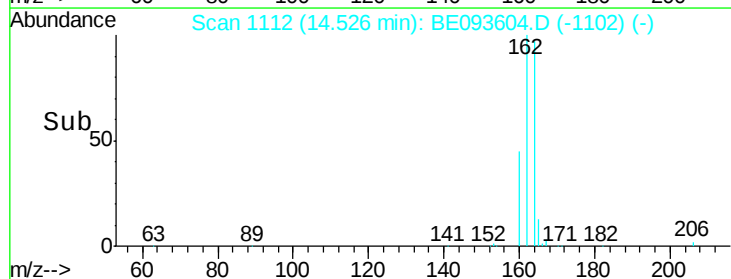
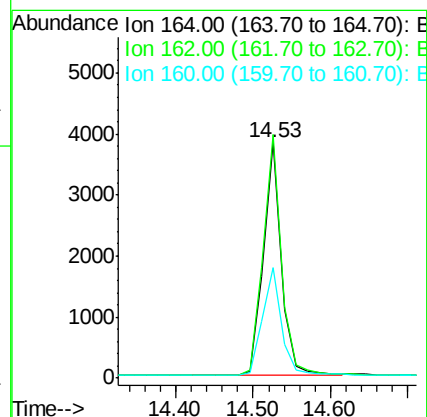
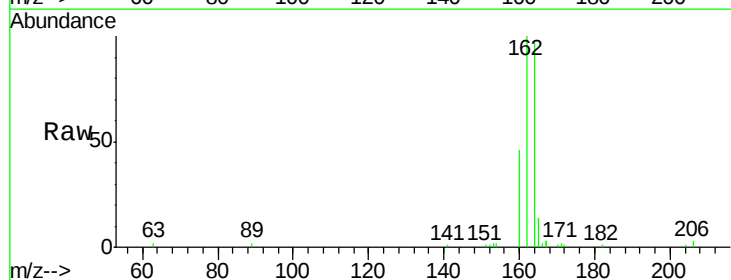
Tgt Ion:164 Resp: 6141

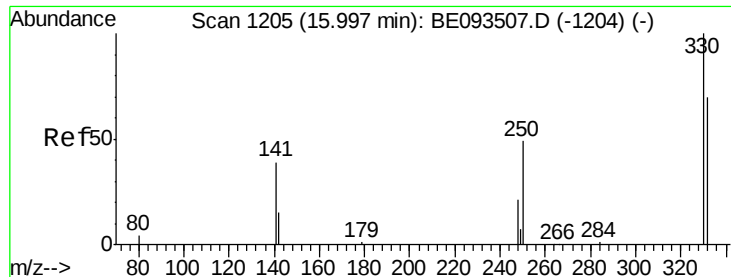
Ion Ratio Lower Upper

164 100

162 103.3 84.6 127.0

160 47.0 41.8 62.6

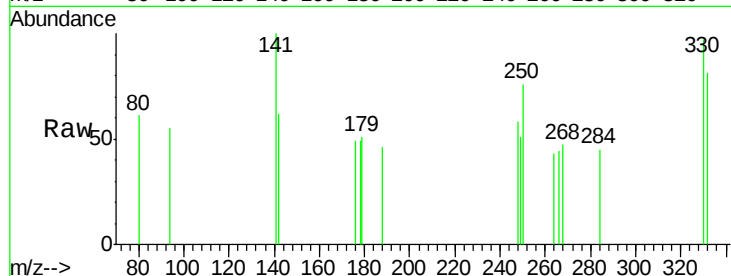




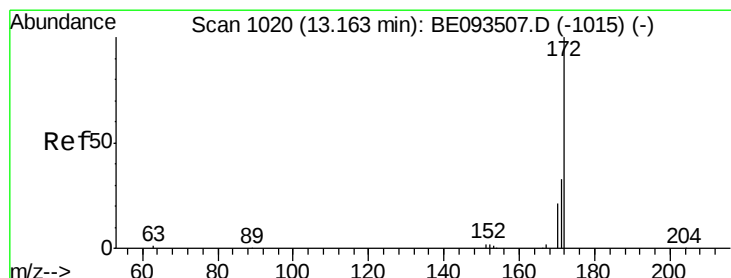
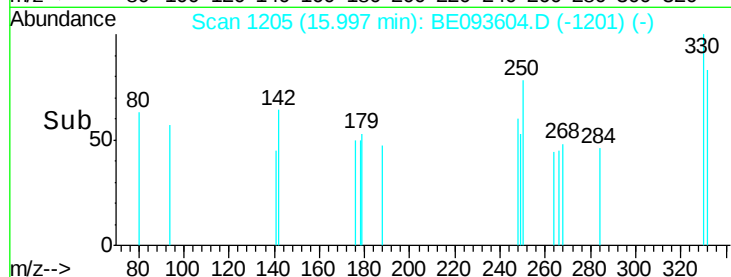
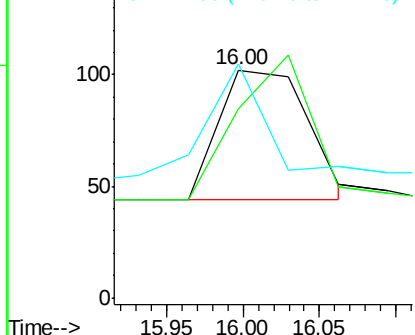
#14
 2,4,6-Tribromophenol
 Concen: 0.105 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093604.D
 Acq: 26 Jul 2017 14:47

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170718

Tgt Ion: 330 Resp: 235
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 50.6 56.2 84.4#

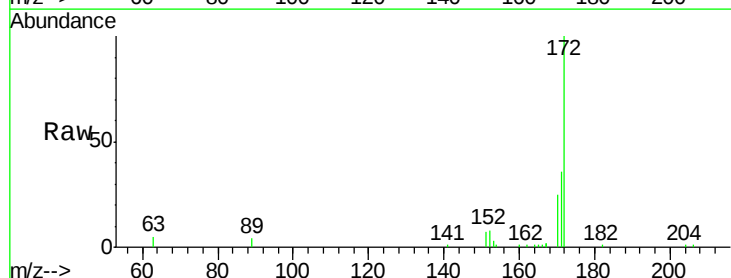


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

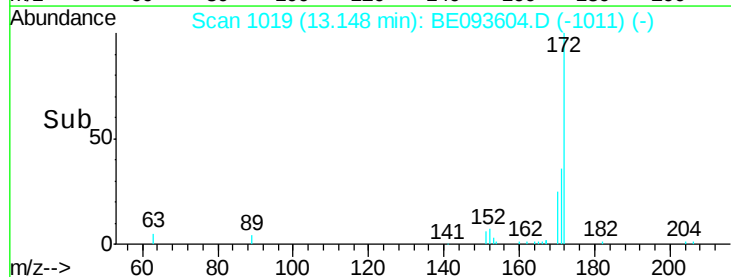
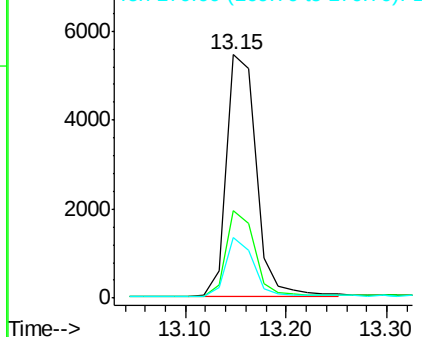


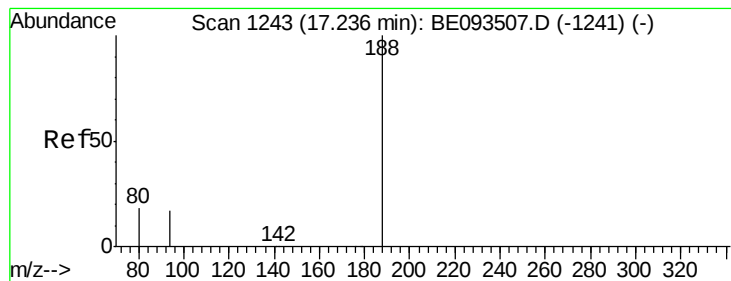
#15
 2-Fluorobiphenyl
 Concen: 0.460 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BE093604.D
 Acq: 26 Jul 2017 14:47

Tgt Ion: 172 Resp: 11120
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.8 44.6
 170 24.9 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: BE093604.D

Acq: 26 Jul 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170718

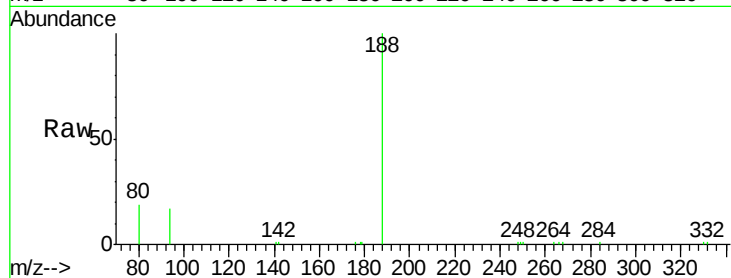
Tgt Ion:188 Resp: 15285

Ion Ratio Lower Upper

188 100

94 17.4 11.3 16.9#

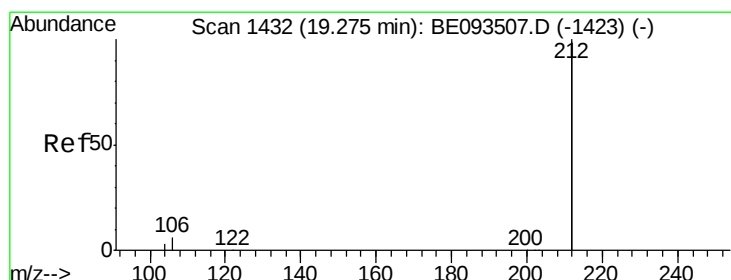
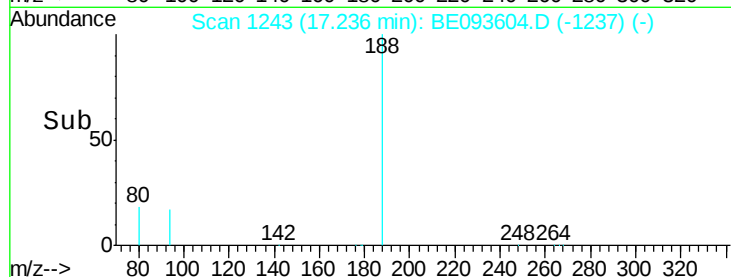
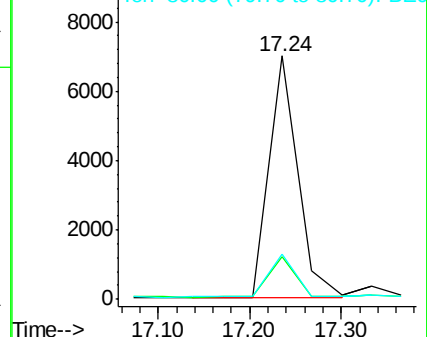
80 18.6 11.7 17.5#



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: 0.289 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

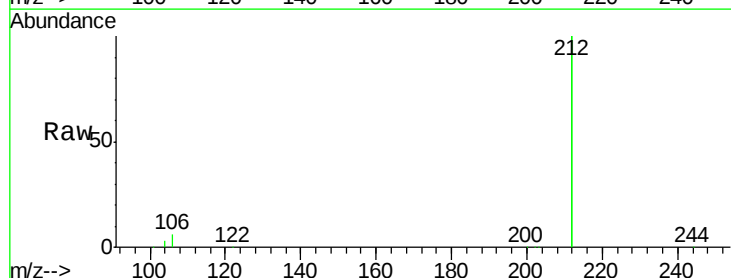
Tgt Ion:212 Resp: 70361

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

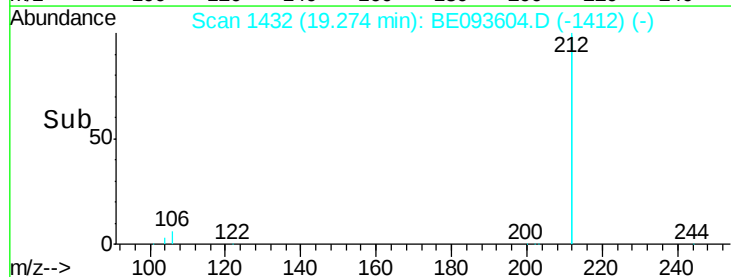
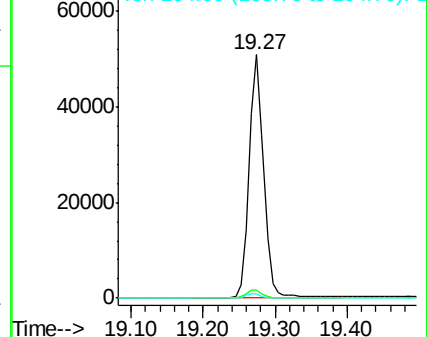
104 1.9 1.6 2.4

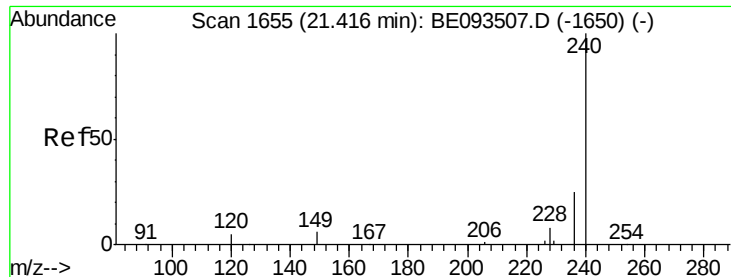


Abundance Ion 212.00 (211.70 to 212.70): E

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. -0.00 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

Instrument :

BNA_E

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OUTFALL001-170718

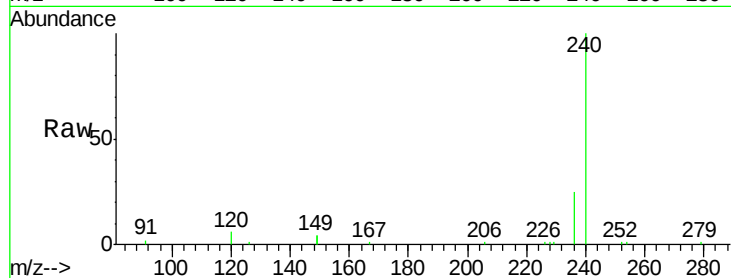
Tgt Ion:240 Resp: 16796

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

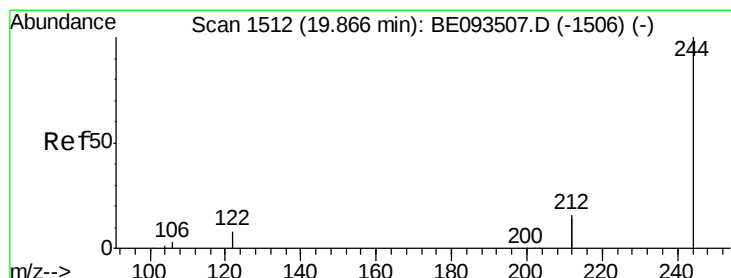
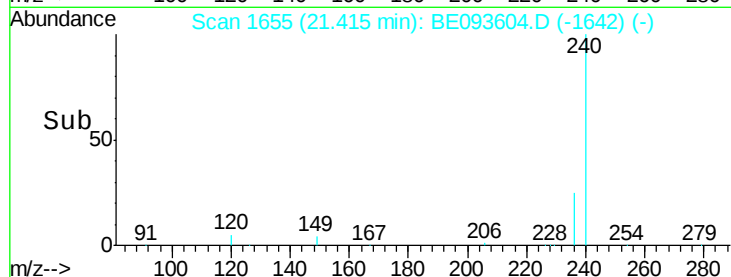
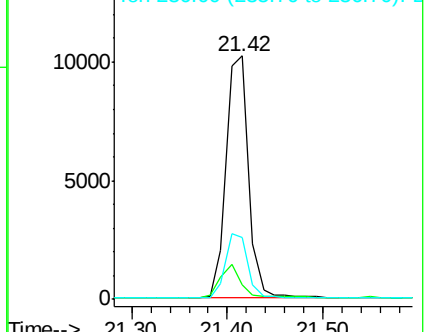
236 25.3 20.8 31.2



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: 0.449 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093604.D

Acq: 26 Jul 2017 14:47

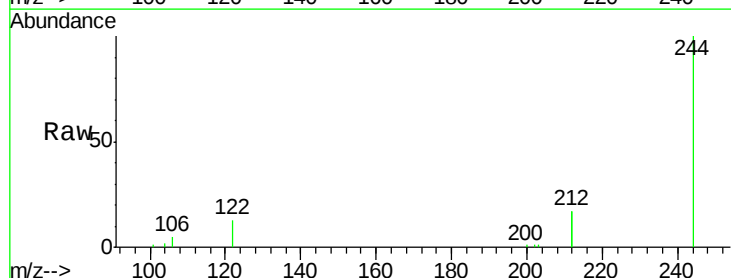
Tgt Ion:244 Resp: 13735

Ion Ratio Lower Upper

244 100

212 34.7 10.6 16.0#

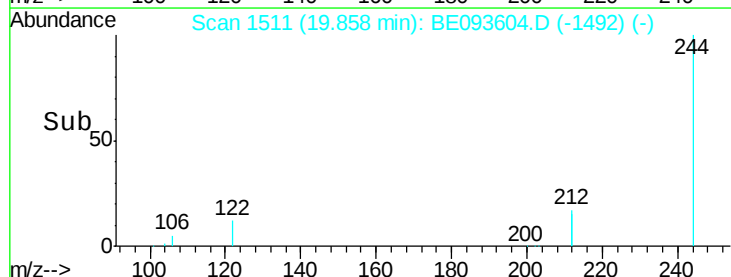
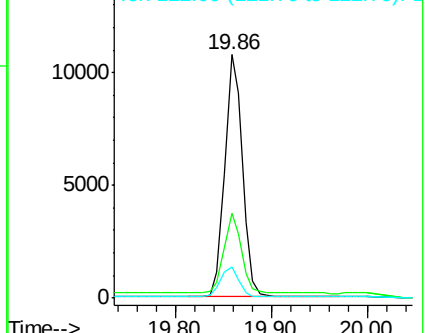
122 12.7 15.4 23.0#

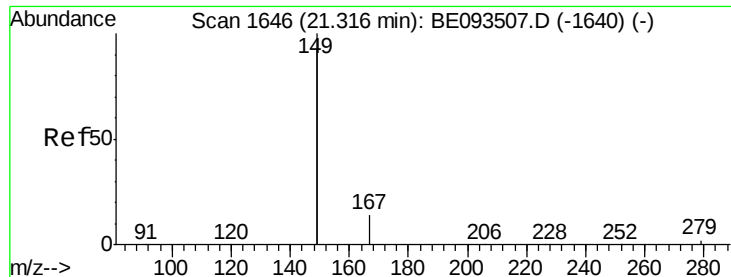


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

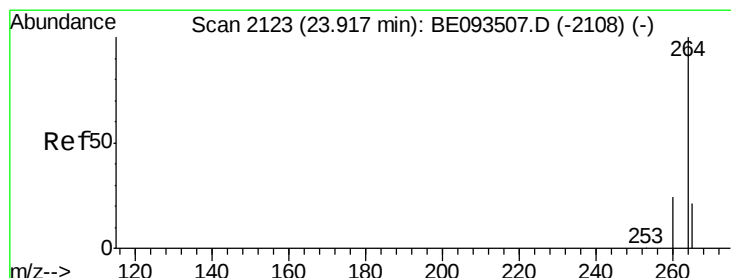
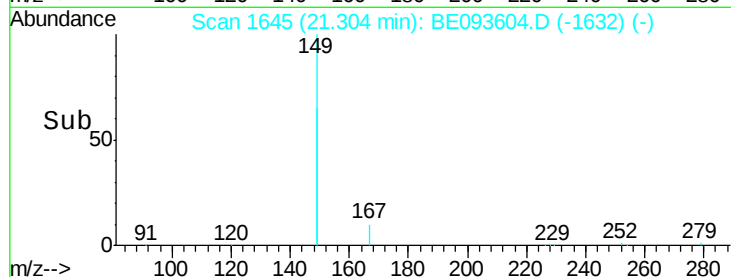
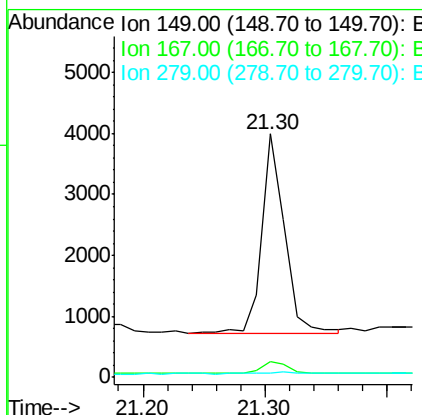
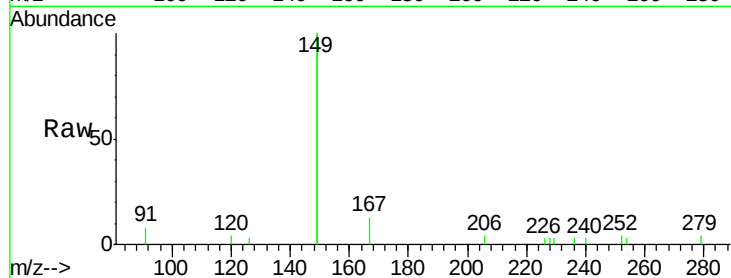




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093604.D
 Acq: 26 Jul 2017 14:47

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170718

Tgt Ion:149 Resp: 4293
 Ion Ratio Lower Upper
 149 100
 167 6.4 4.8 7.2
 279 1.2 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: BE093604.D
 Acq: 26 Jul 2017 14:47

Tgt Ion:264 Resp: 15109
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.0 31.4
 265 26.5 24.6 36.8

