

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093878.D
 Acq On : 22 Aug 2017 16:38
 Operator : SJ/JU
 Sample : I4829-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170815

Quant Time: Aug 23 01:01:42 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

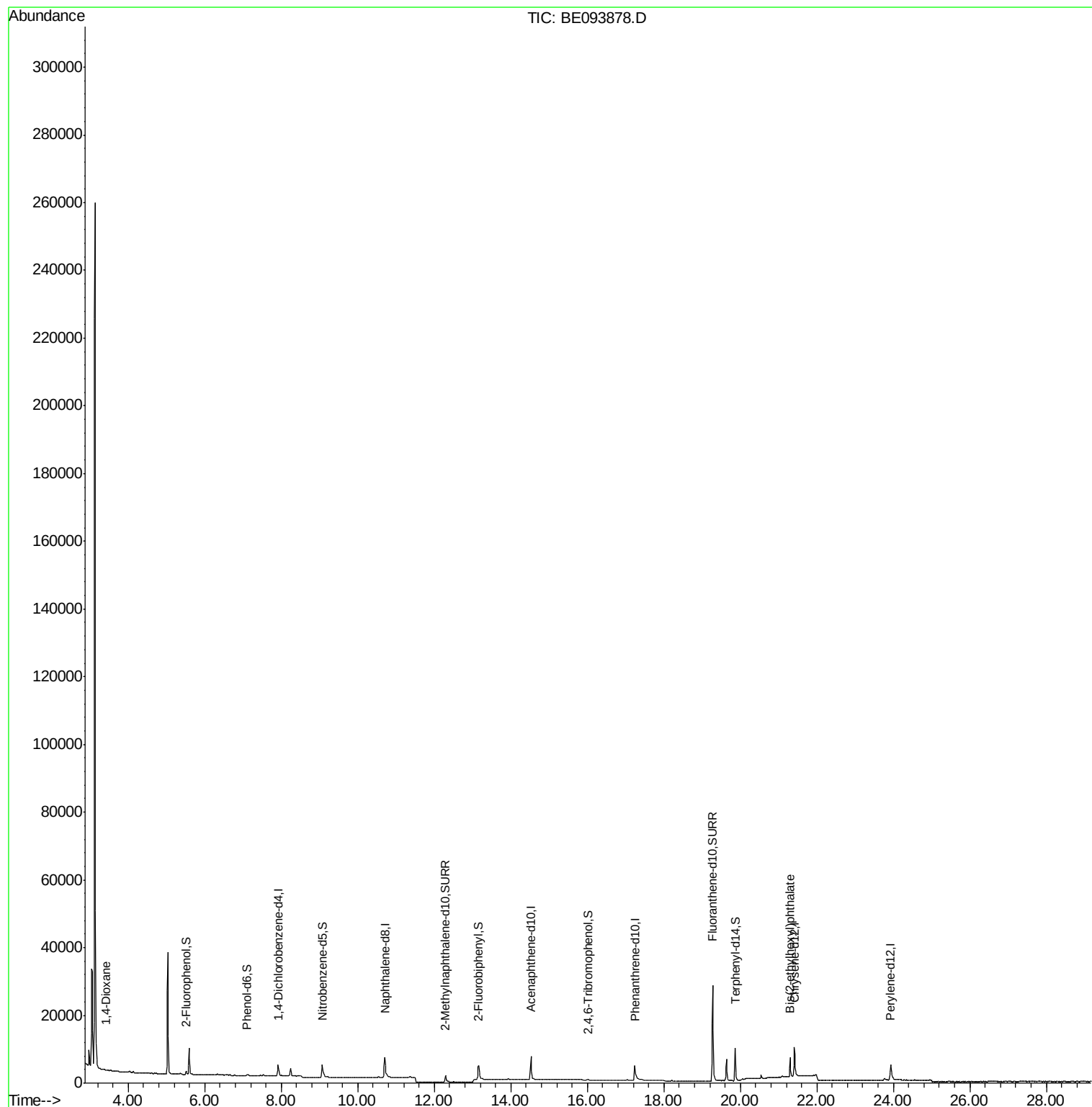
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1650	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	8145	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4744	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9243	0.40	ng	0.00
27) Chrysene-d12	21.42	240	11351	0.40	ng	0.01
34) Perylene-d12	23.93	264	9582	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	675	0.13	ng	0.00
5) Phenol-d6	7.10	99	533	0.07	ng	0.01
8) Nitrobenzene-d5	9.08	82	2267	0.33	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	4431	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	424	0.33	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	6287	0.34	ng	0.02
25) Fluoranthene-d10	19.27	212	45773	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	10817	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.43	88	78	0.031	ng	# 20
32) Bis(2-ethylhexyl)phthalate	21.30	149	6940	0.090	ng	# 97

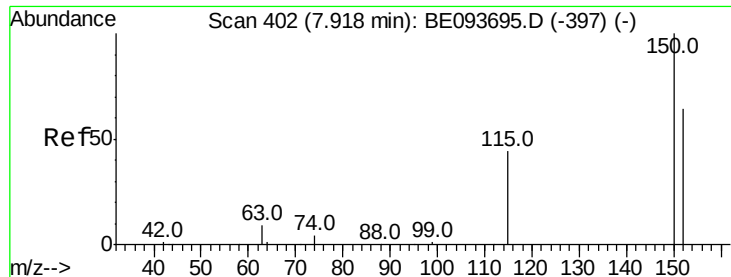
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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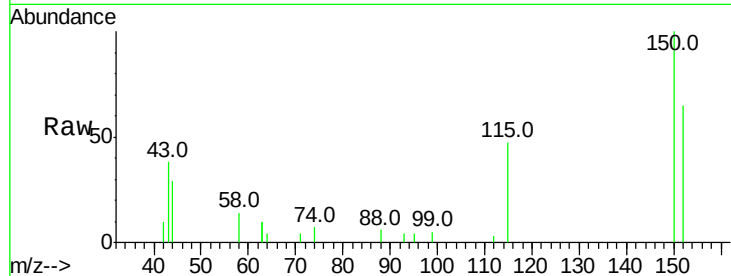


#1

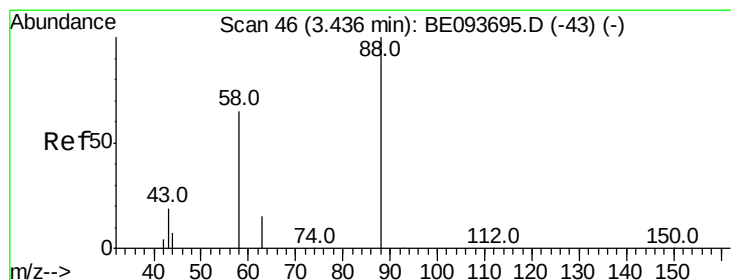
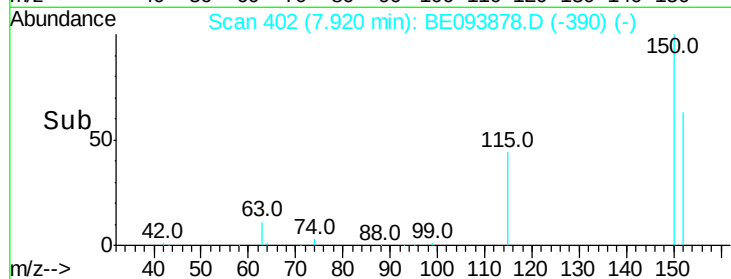
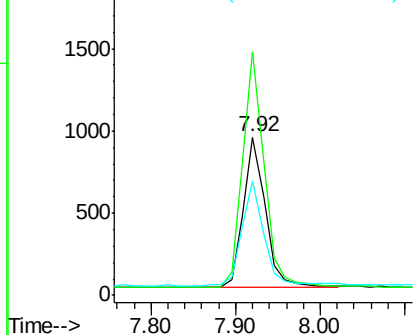
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093878.D
Acq: 22 Aug 2017 16:38

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170815

Tot Ion:152 Resp: 1650
Ion Ratio Lower Upper
152 100
150 154.2 125.1 187.7
115 72.6 55.7 83.5



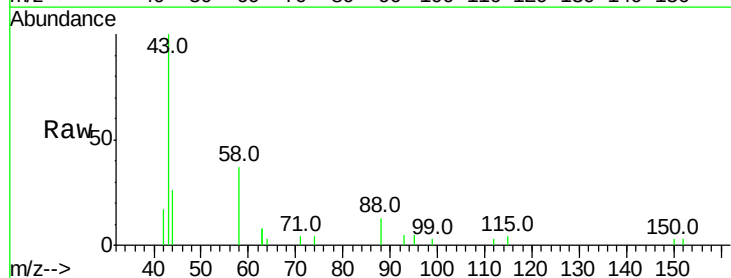
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



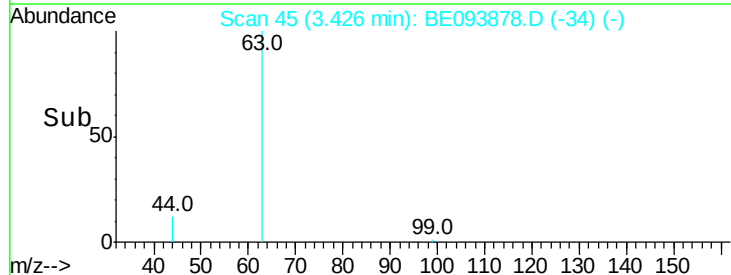
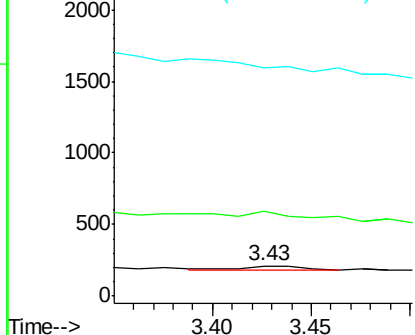
#2

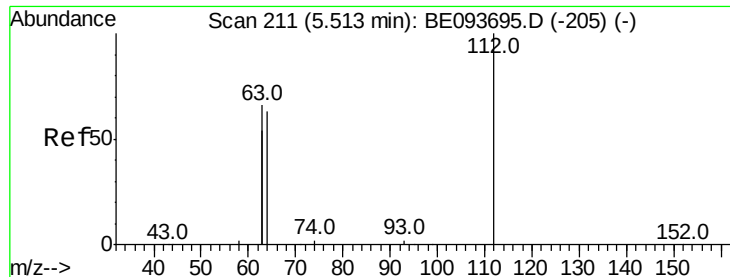
1,4-Dioxane
Concen: 0.031 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.01 min
Lab File: BE093878.D
Acq: 22 Aug 2017 16:38

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
58 0.0 62.2 93.4#
43 0.0 23.2 34.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170815

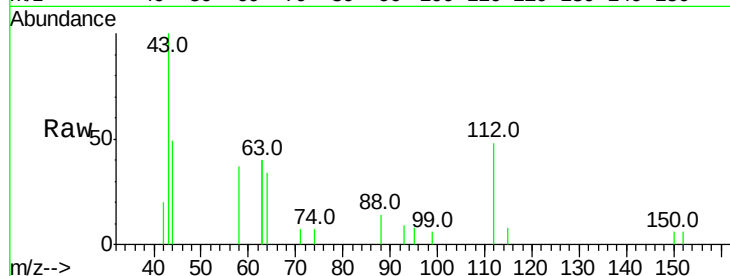
Tot Ion: 112 Resp: 675

Ion Ratio Lower Upper

112 100

64 75.7 56.4 84.6

63 147.1 29.3 43.9#



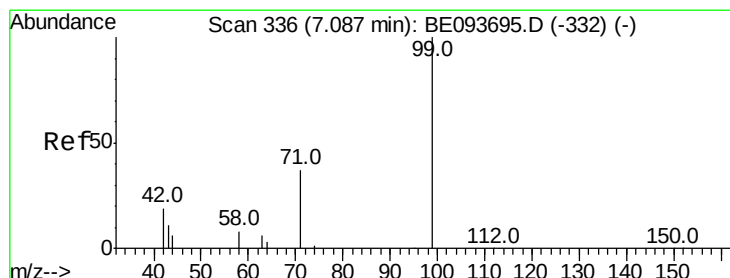
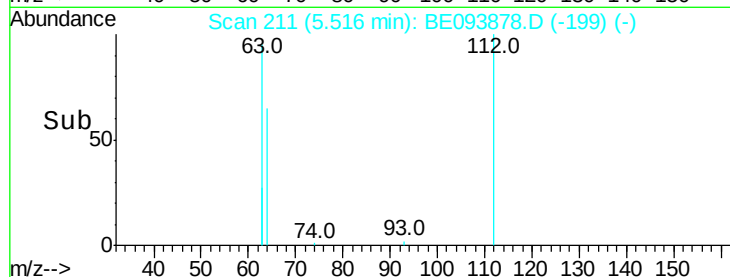
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.52

Time-->



#5

Phenol-d6

Concen: 0.065 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

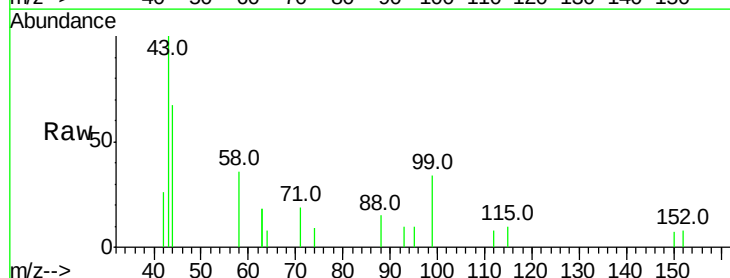
Tgt Ion: 99 Resp: 533

Ion Ratio Lower Upper

99 100

42 15.8 0.0 0.0#

71 40.9 0.0 0.0#



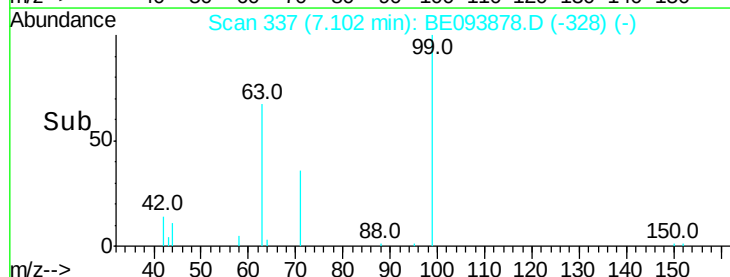
Abundance Ion 99.00 (98.70 to 99.70): BE0

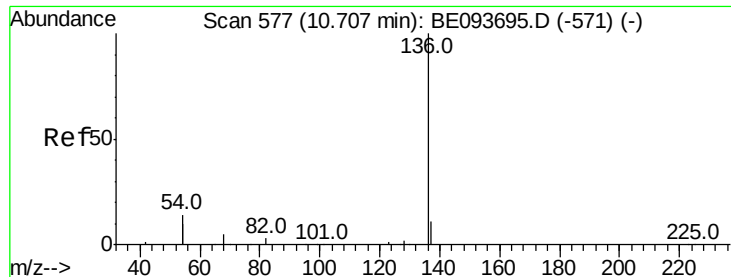
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170815

Tot Ion:136 Resp: 8145

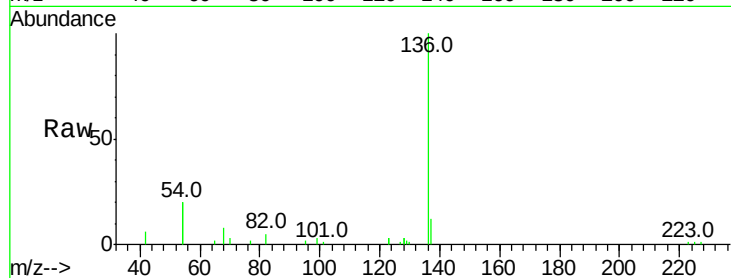
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 39.7 10.3 15.5#

68 8.1 9.0 13.4#

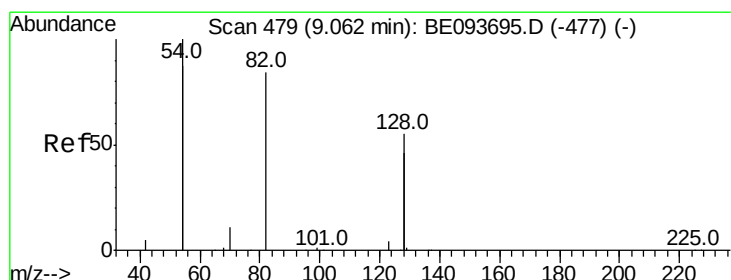
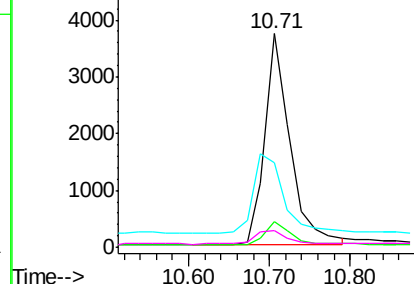
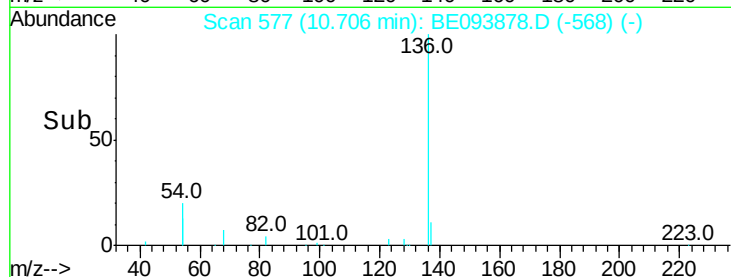


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

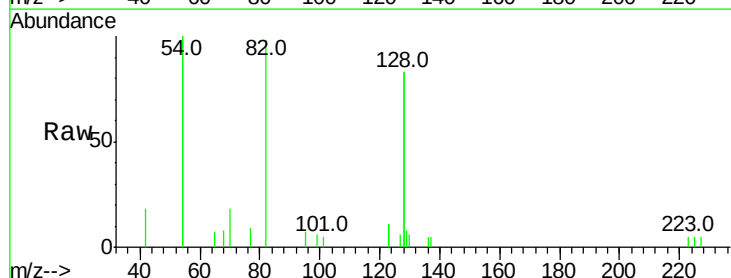
Tgt Ion: 82 Resp: 2267

Ion Ratio Lower Upper

82 100

128 169.4 17.0 25.4#

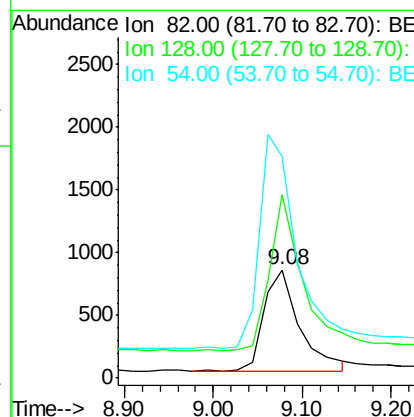
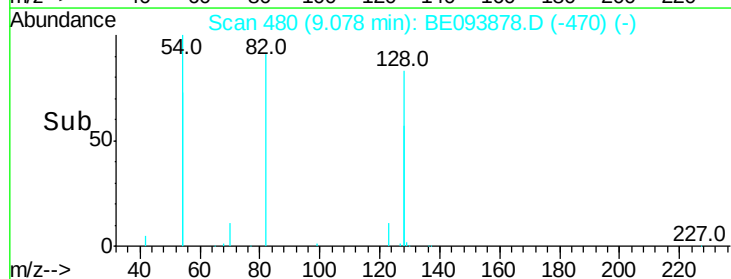
54 204.6 53.8 80.6#

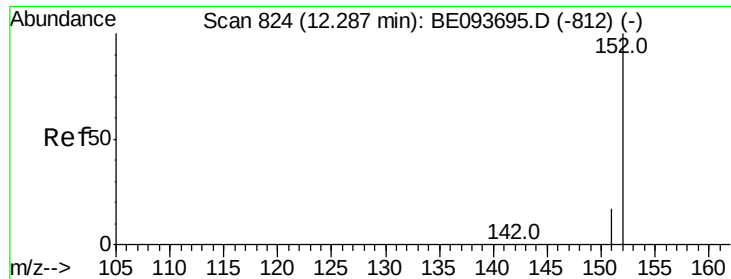


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

Instrument :

BNA_E

ClientSampleId :

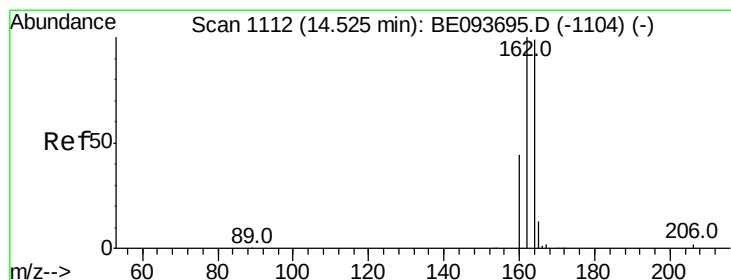
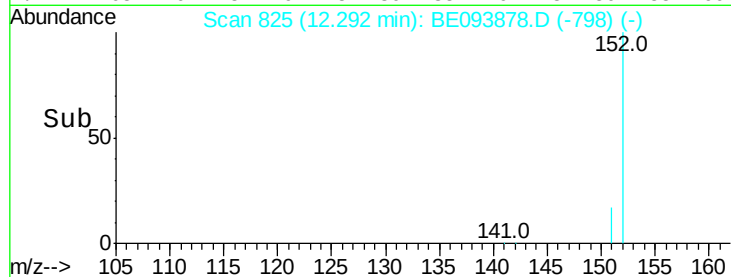
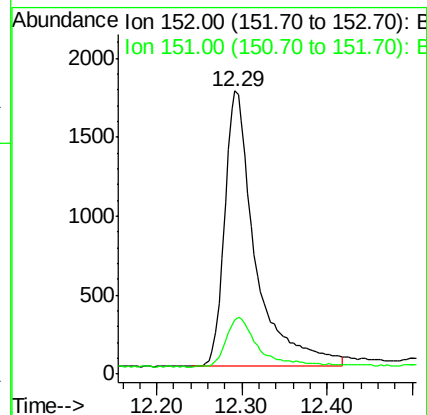
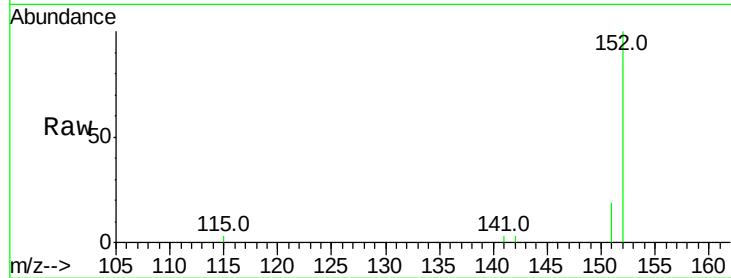
OUTFALL001-170815

Tot Ion:152 Resp: 4431

Ion Ratio Lower Upper

152 100

151 18.3 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: BE093878.D

Acq: 22 Aug 2017 16:38

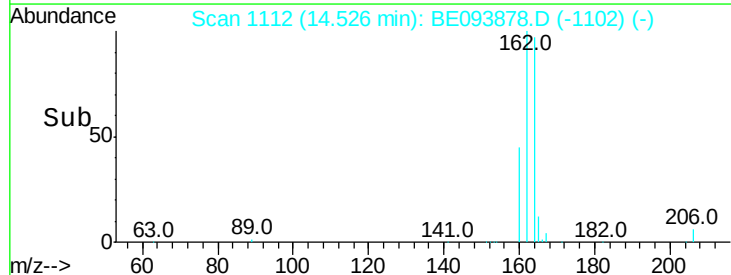
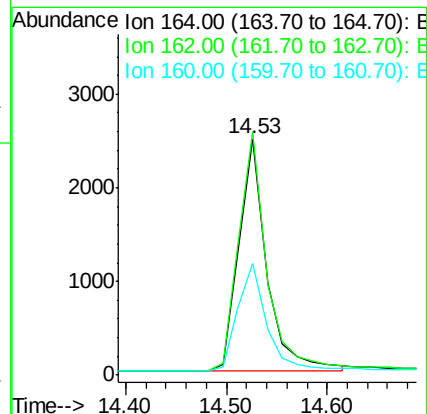
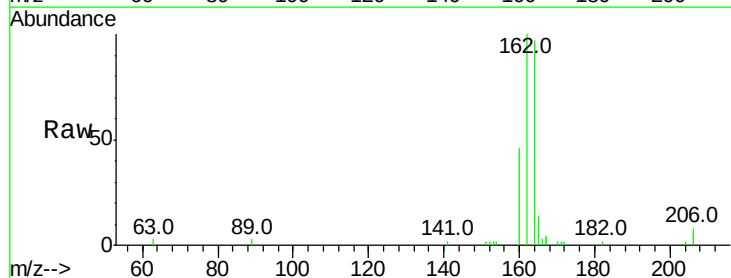
Tgt Ion:164 Resp: 4744

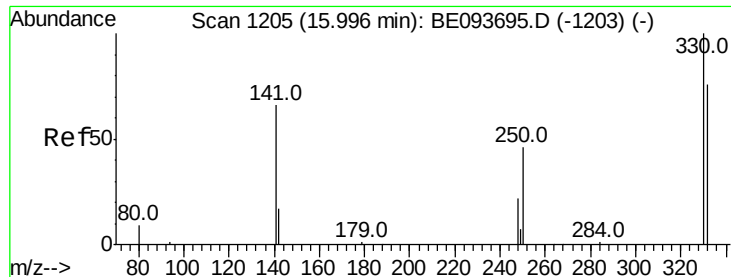
Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

160 47.1 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.326 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170815

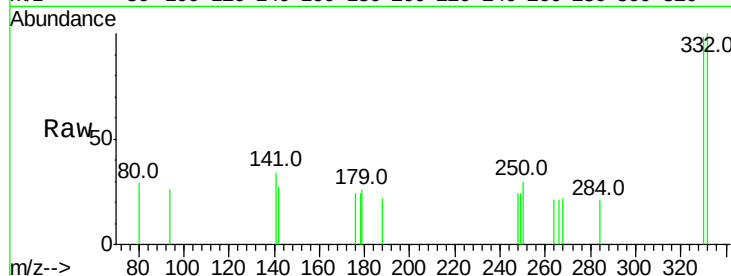
Tot Ion:330 Resp: 424

Ion Ratio Lower Upper

330 100

332 99.5 77.7 116.5

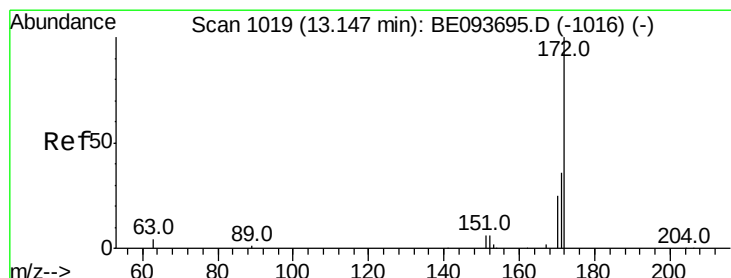
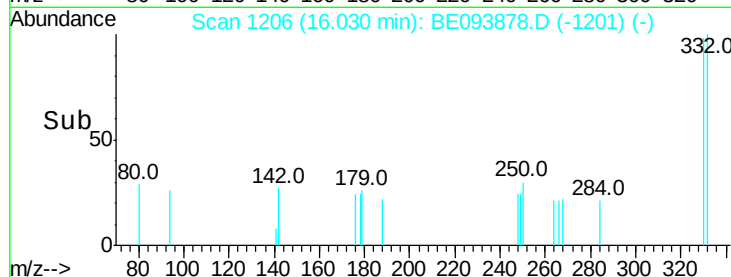
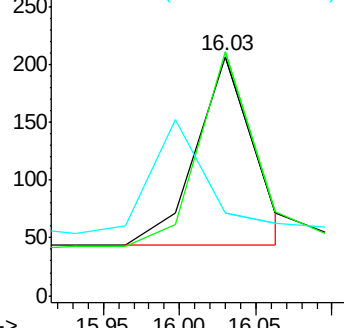
141 0.0 56.2 84.4#



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: 0.336 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.02 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

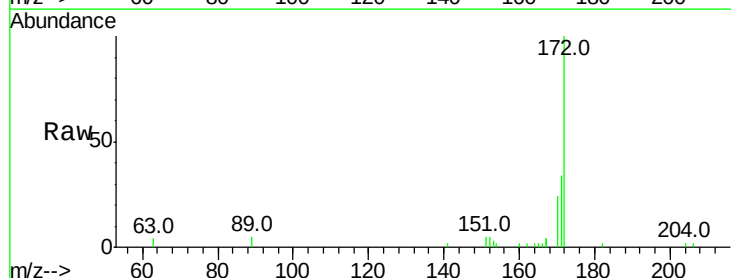
Tgt Ion:172 Resp: 6287

Ion Ratio Lower Upper

172 100

171 34.5 29.8 44.6

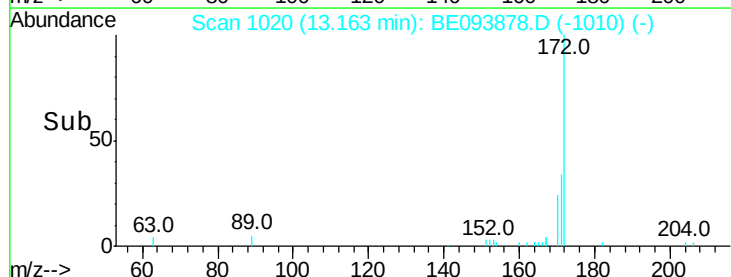
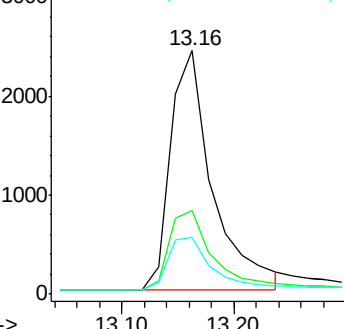
170 23.5 20.7 31.1

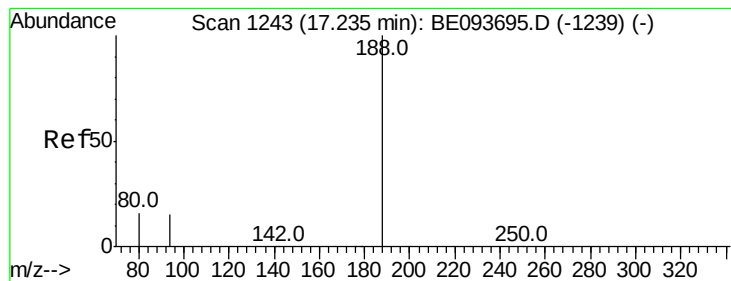


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE093878.D

Acq: 22 Aug 2017 16:38

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170815

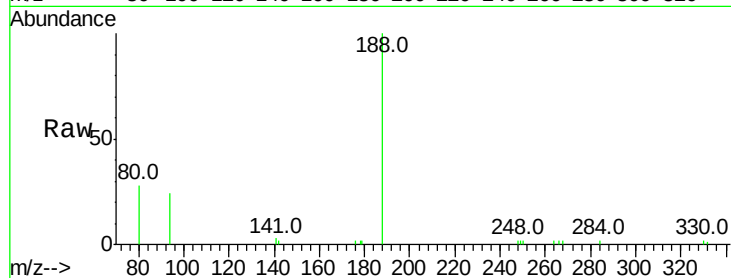
Tot Ion:188 Resp: 9243

Ion Ratio Lower Upper

188 100

94 23.8 11.3 16.9#

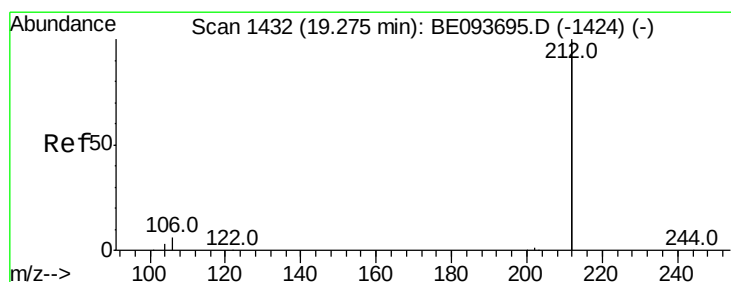
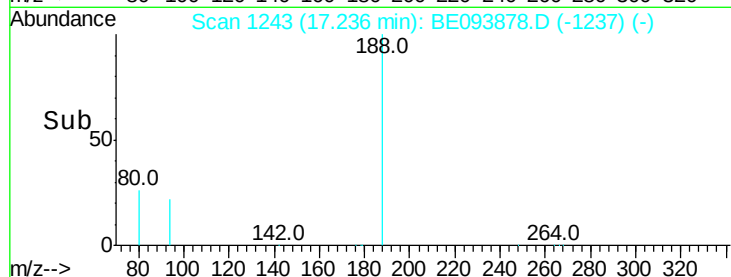
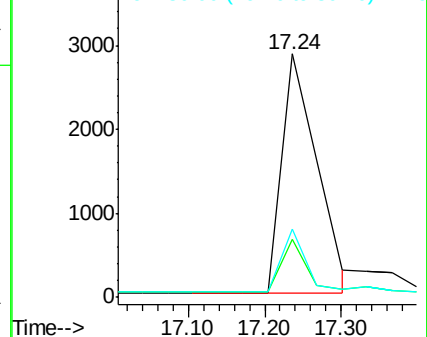
80 27.9 11.7 17.5#



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: 0.434 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

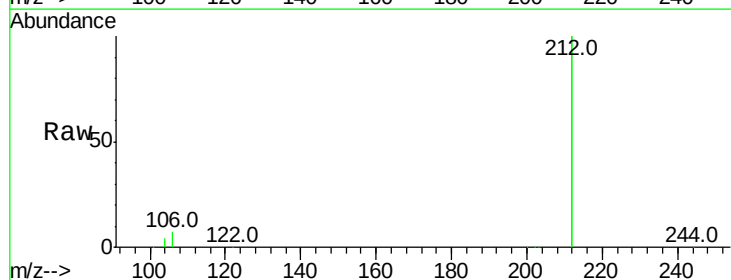
Tgt Ion:212 Resp: 45773

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

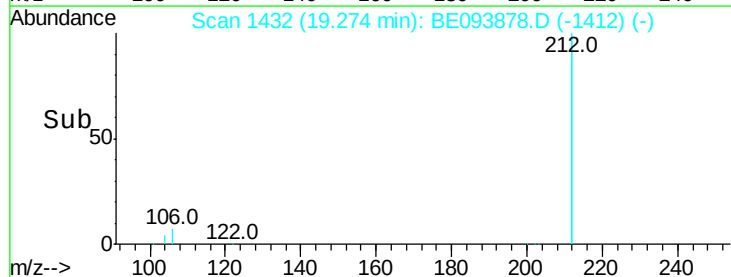
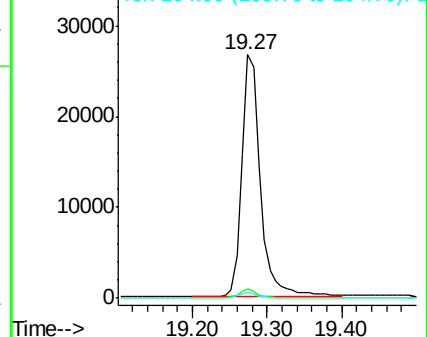
104 2.0 1.6 2.4

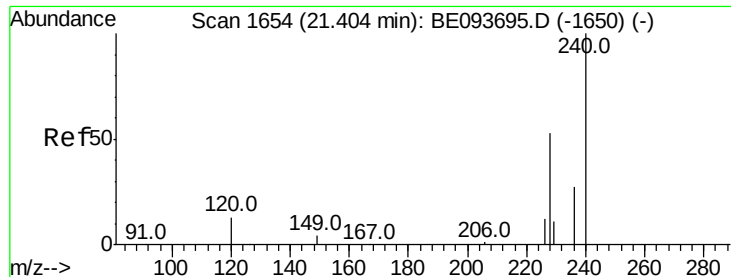


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093878.D

Acq: 22 Aug 2017 16:38

Instrument :

BNA_E

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OUTFALL001-170815

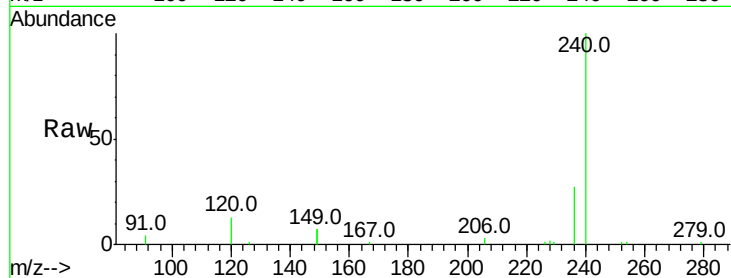
Tot Ion:240 Resp: 11351

Ion Ratio Lower Upper

240 100

120 13.3 4.6 7.0#

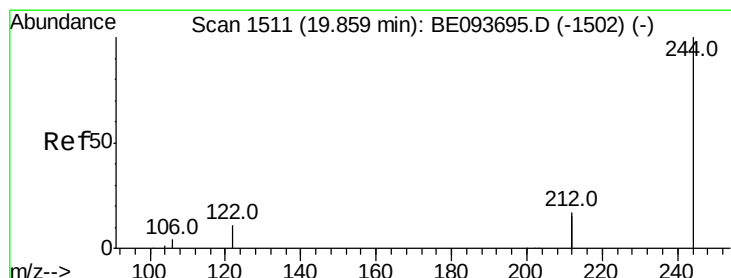
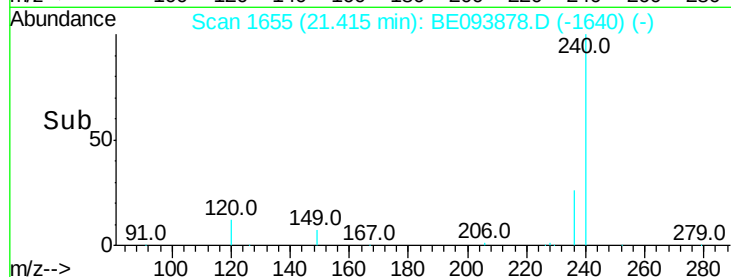
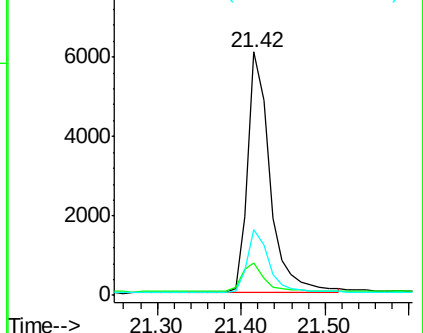
236 27.2 20.8 31.2



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: 0.535 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BE093878.D

Acq: 22 Aug 2017 16:38

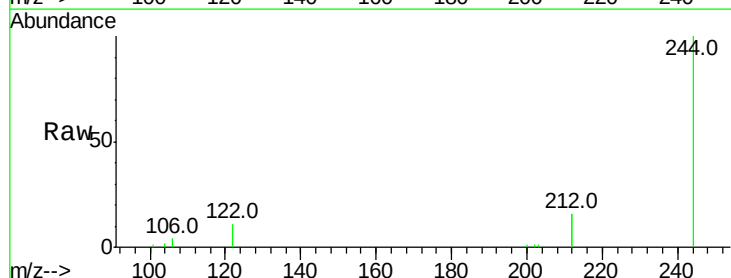
Tgt Ion:244 Resp: 10817

Ion Ratio Lower Upper

244 100

212 32.7 10.6 16.0#

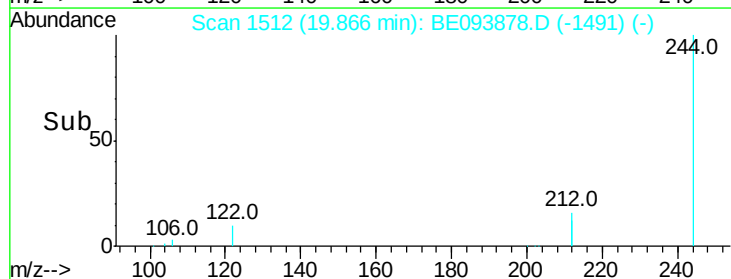
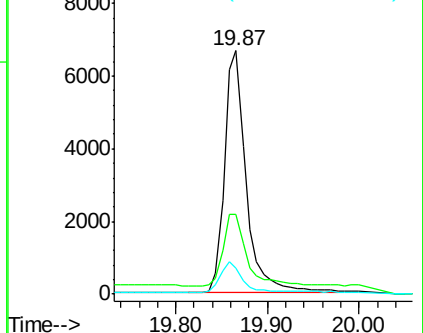
122 10.8 15.4 23.0#

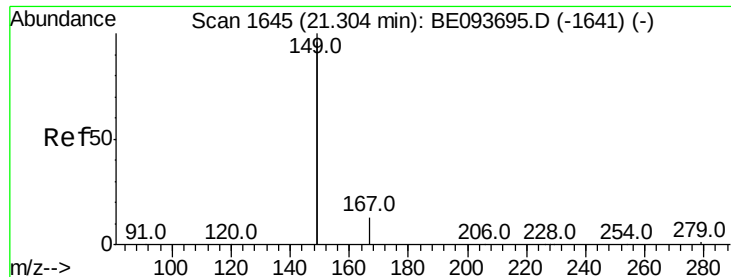


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

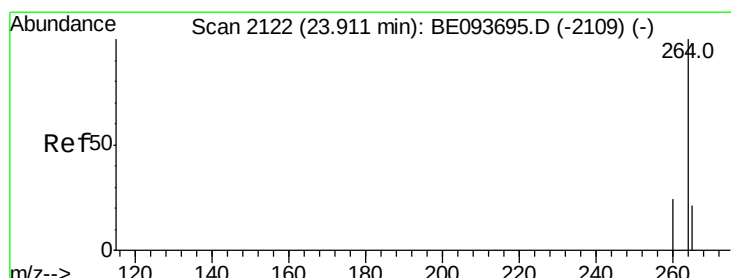
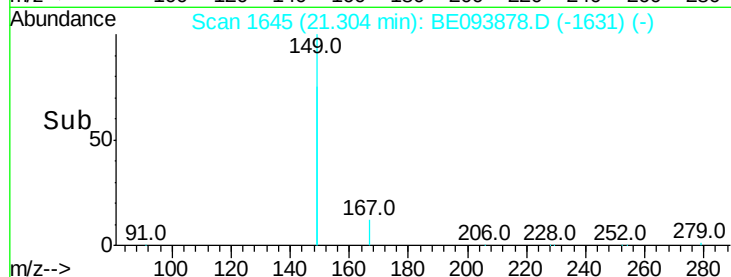
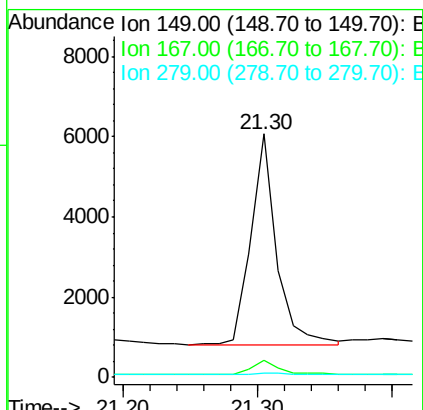
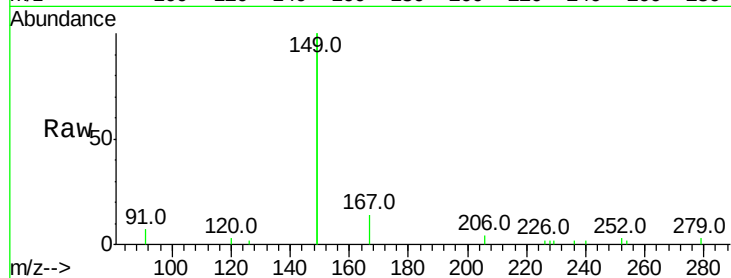




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE093878.D
 Acq: 22 Aug 2017 16:38

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170815

Tot Ion:149 Resp: 6940
 Ion Ratio Lower Upper
 149 100
 167 7.0 4.8 7.2
 279 1.3 0.8 1.2#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. 0.02 min
 Lab File: BE093878.D
 Acq: 22 Aug 2017 16:38

Tgt Ion:264 Resp: 9582
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.4
 265 32.4 24.6 36.8

