

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093877.D
 Acq On : 22 Aug 2017 16:02
 Operator : SJ/JU
 Sample : I4860-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170816

Quant Time: Aug 23 01:01:27 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

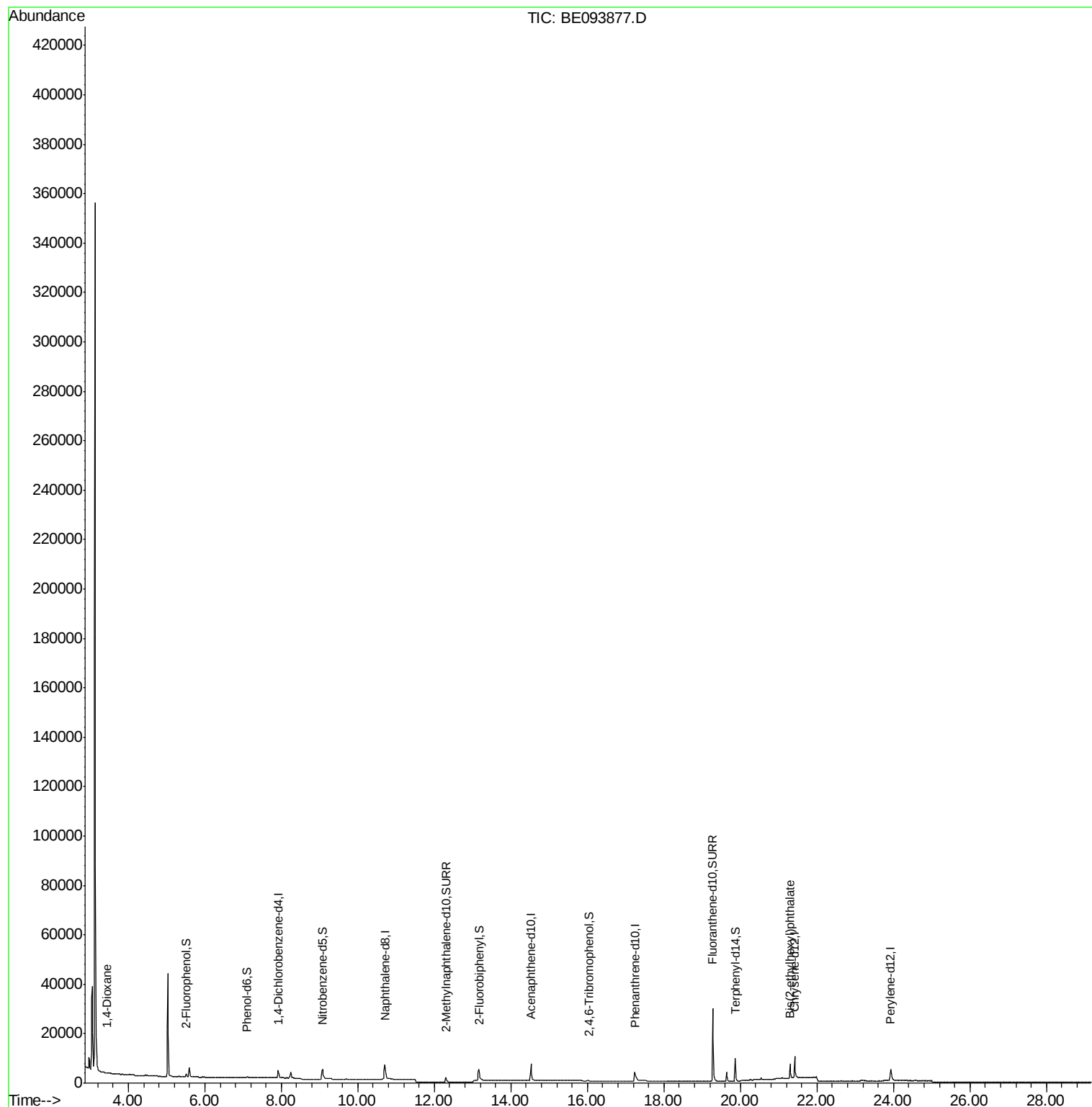
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1738	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	8362	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4637	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	8781	0.40	ng	0.00
27) Chrysene-d12	21.42	240	11763	0.40	ng	0.01
34) Perylene-d12	23.93	264	9943	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	804	0.14	ng	0.00
5) Phenol-d6	7.10	99	661	0.08	ng	0.01
8) Nitrobenzene-d5	9.08	82	2440	0.34	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	4765	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	399	0.31	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	6368	0.35	ng	0.02
25) Fluoranthene-d10	19.28	212	48944	0.49	ng	0.00
29) Terphenyl-d14	19.87	244	10242	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	103	0.039	ng	# 20
32) Bis(2-ethylhexyl)phthalate	21.30	149	7247	0.091	ng	# 97

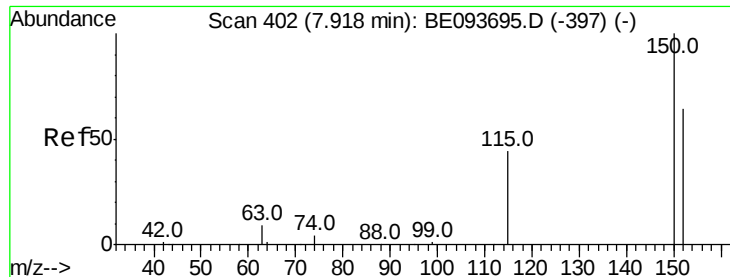
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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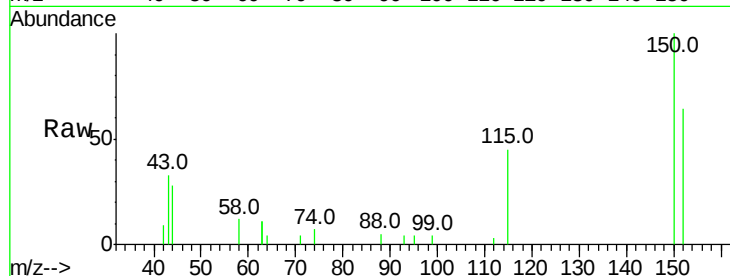


#1

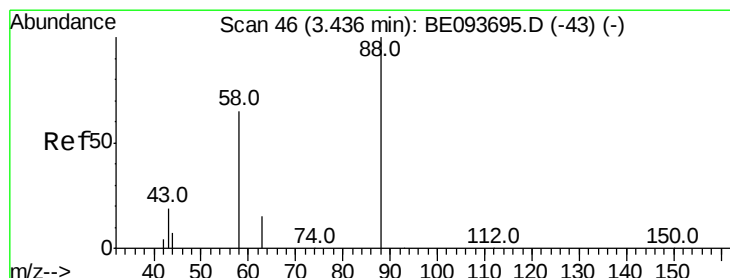
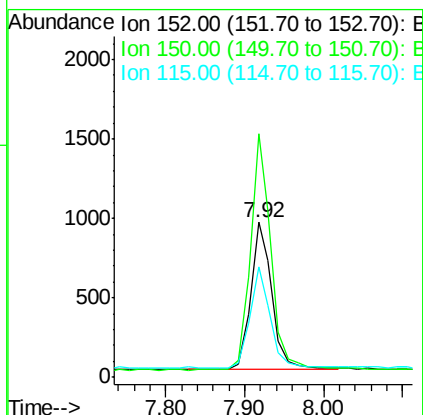
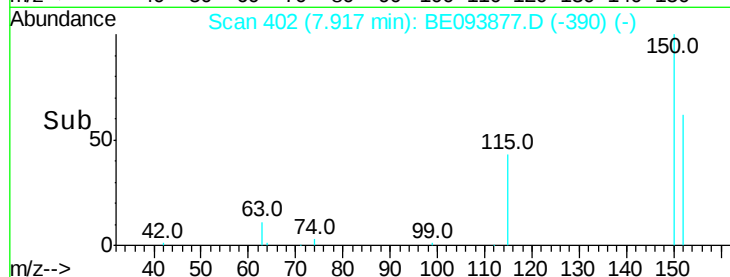
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093877.D
Acq: 22 Aug 2017 16:02

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170816

Tot Ion:152 Resp: 1738
Ion Ratio Lower Upper
152 100
150 157.3 125.1 187.7
115 71.6 55.7 83.5



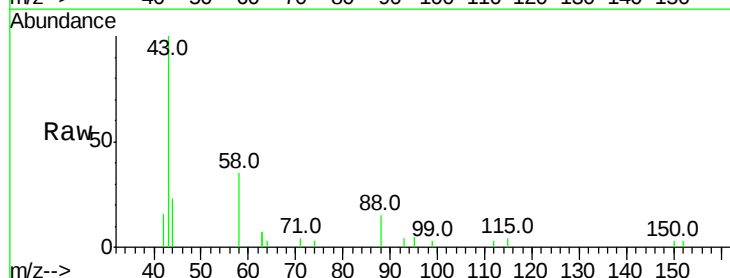
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



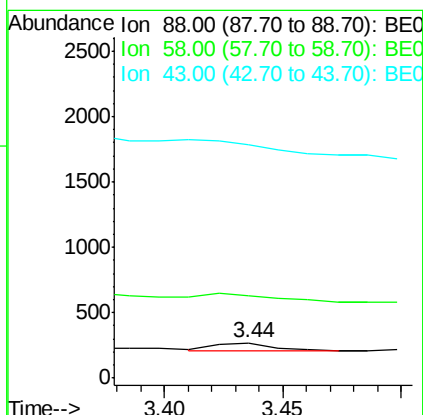
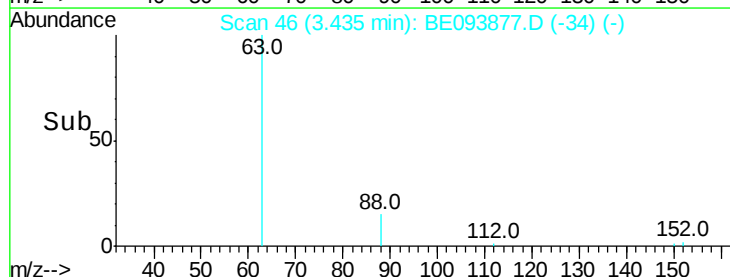
#2

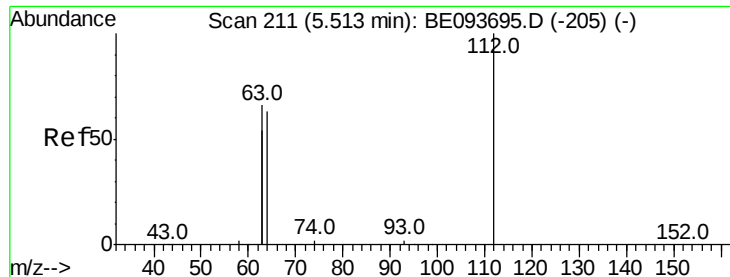
1,4-Dioxane
Concen: 0.039 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093877.D
Acq: 22 Aug 2017 16:02

Tgt Ion: 88 Resp: 103
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: 0.143 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170816

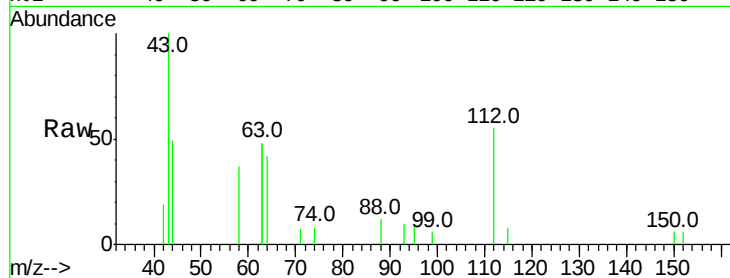
Tot Ion:112 Resp: 804

Ion Ratio Lower Upper

112 100

64 74.0 56.4 84.6

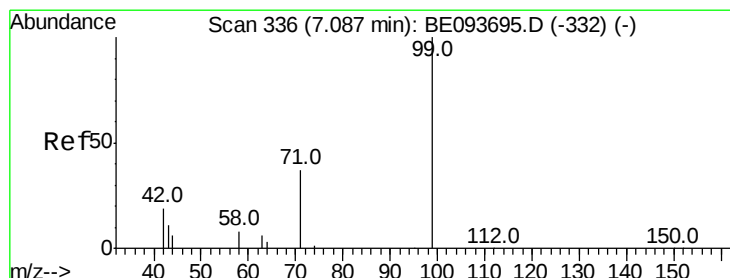
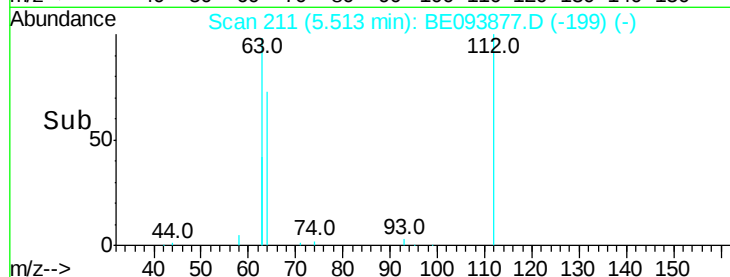
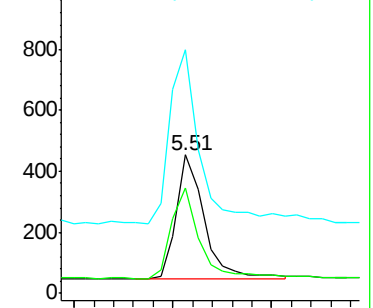
63 148.6 29.3 43.9#



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: 0.077 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

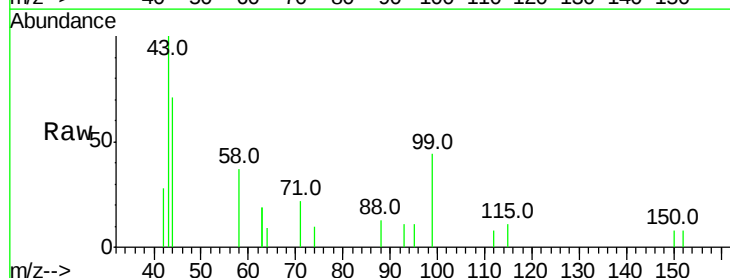
Tgt Ion: 99 Resp: 661

Ion Ratio Lower Upper

99 100

42 22.7 0.0 0.0#

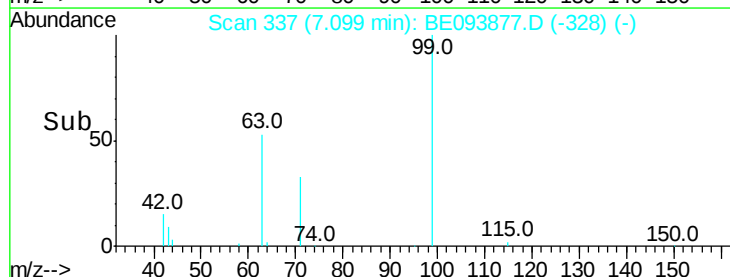
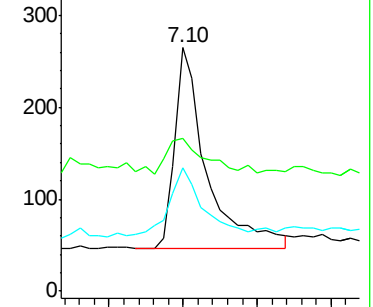
71 33.1 0.0 0.0#

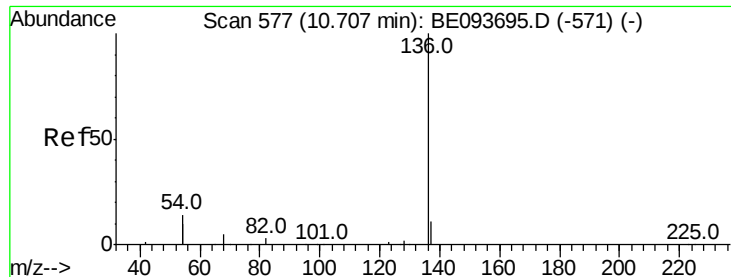


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093877.D

Acq: 22 Aug 2017 16:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170816

Tot Ion:136 Resp: 8362

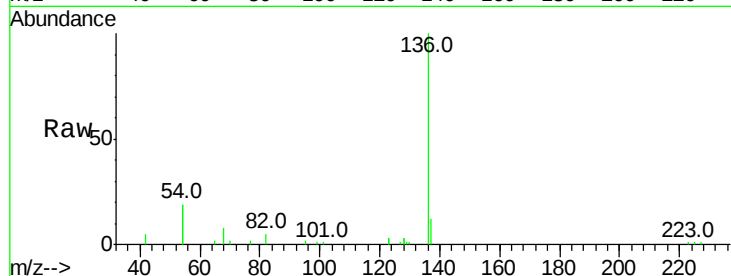
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 38.3 10.3 15.5#

68 7.7 9.0 13.4#

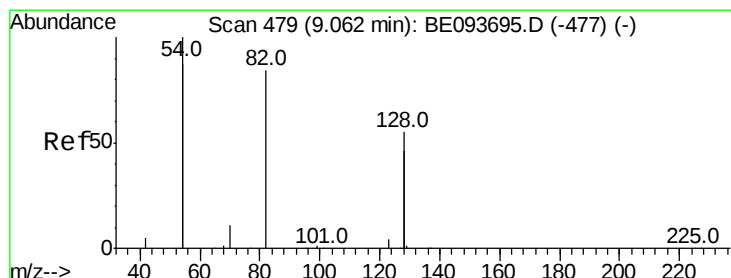
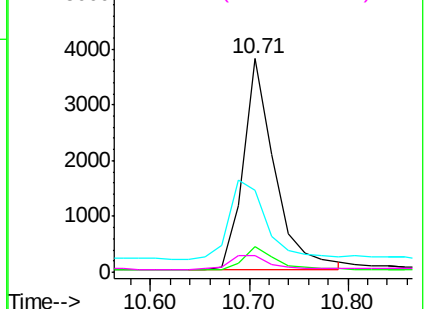
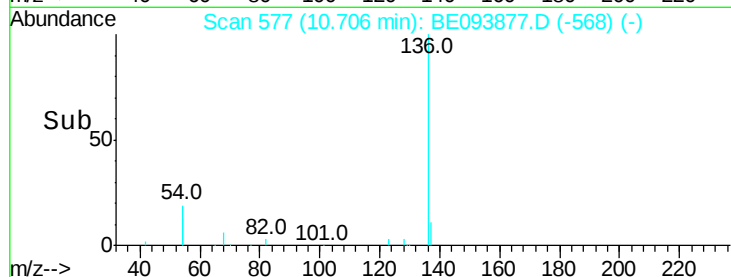


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

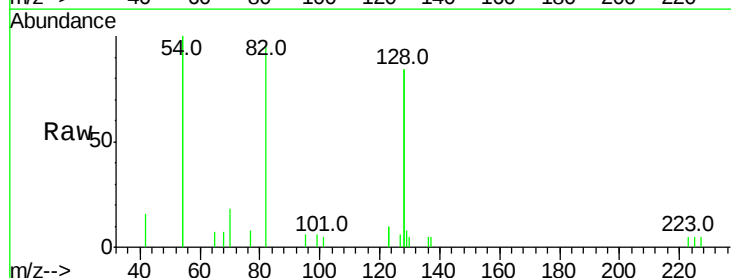
Tgt Ion: 82 Resp: 2440

Ion Ratio Lower Upper

82 100

128 177.1 17.0 25.4#

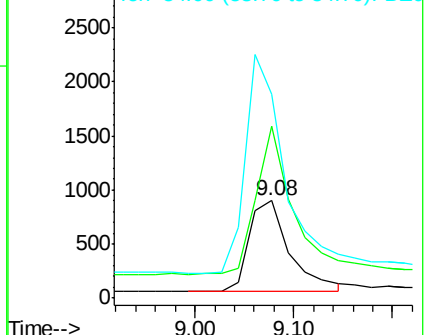
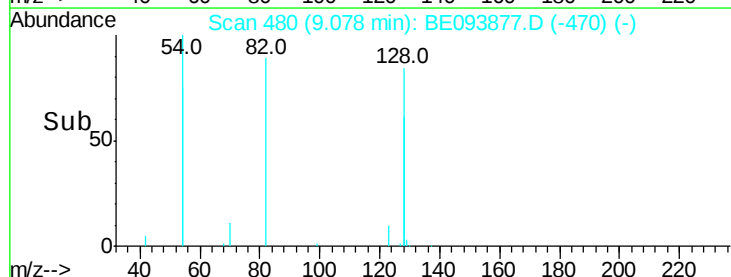
54 209.8 53.8 80.6#

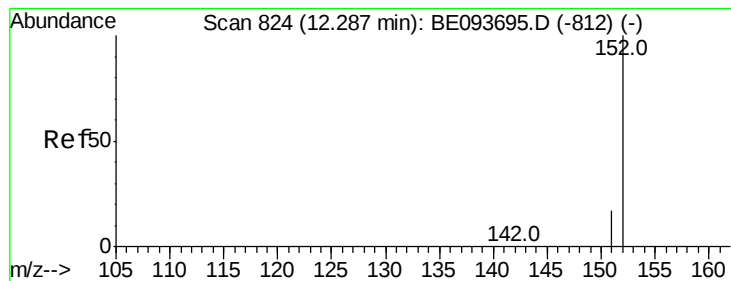


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.30 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

Instrument :

BNA_E

ClientSampleId :

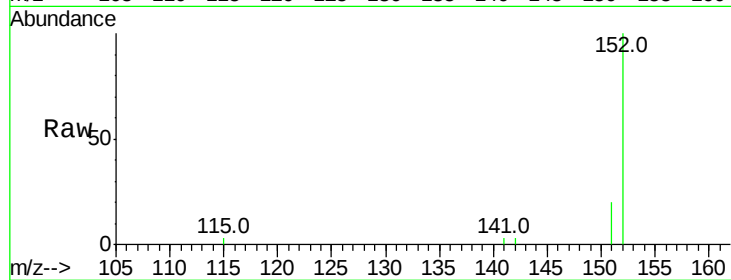
KY038PS034-170816

Tot Ion:152 Resp: 4765

Ion Ratio Lower Upper

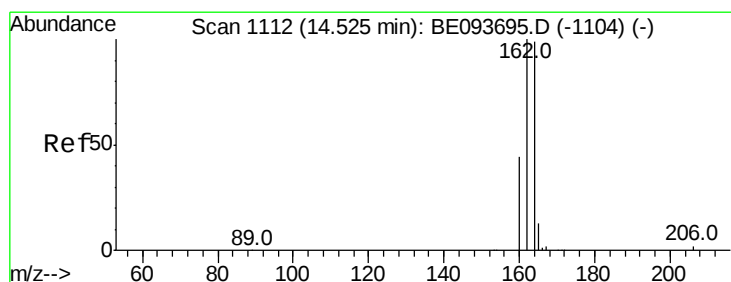
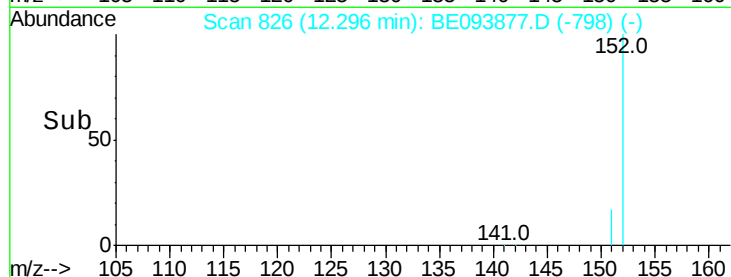
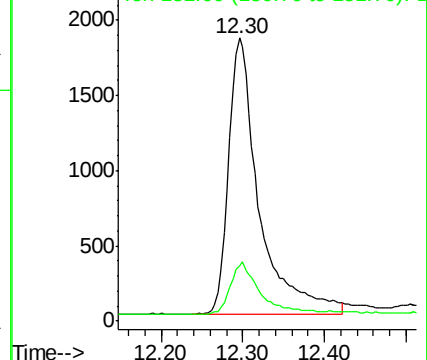
152 100

151 18.4 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: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

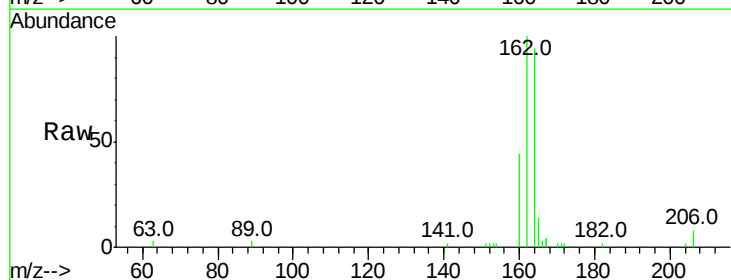
Tgt Ion:164 Resp: 4637

Ion Ratio Lower Upper

164 100

162 105.9 84.6 127.0

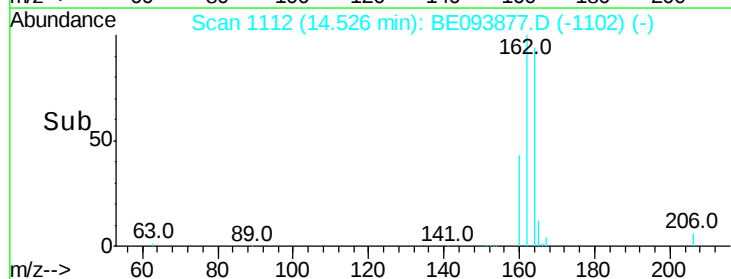
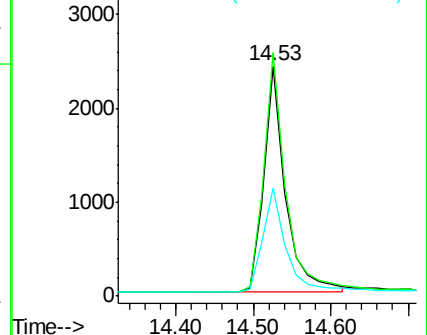
160 47.1 41.8 62.6

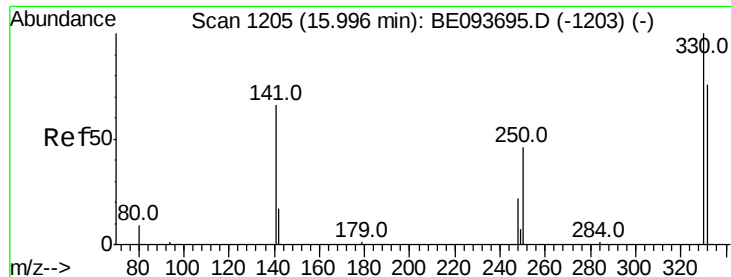


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

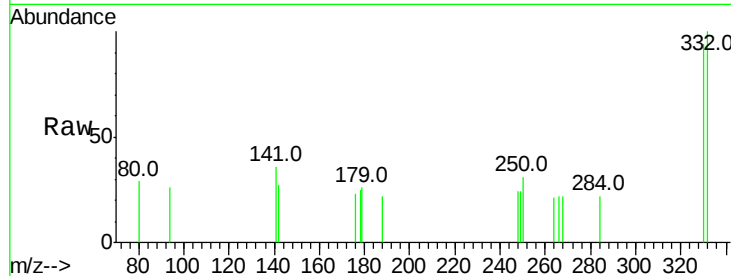




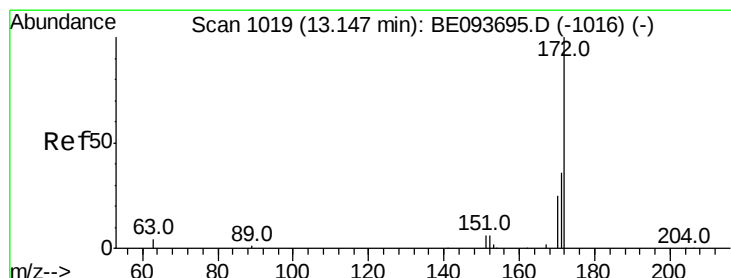
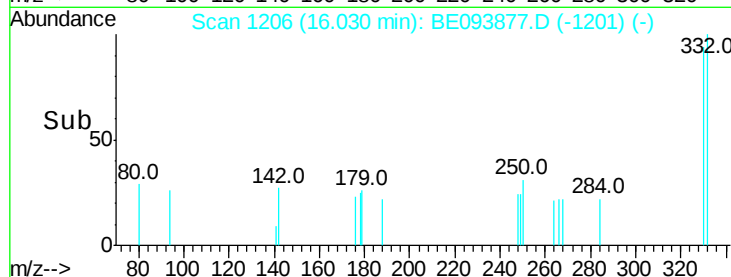
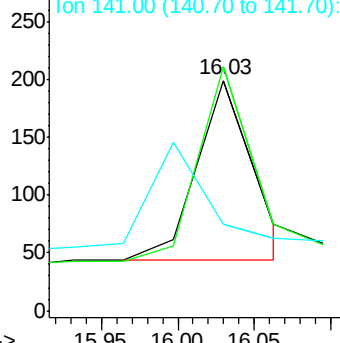
#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE093877.D
 Acq: 22 Aug 2017 16:02

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170816

Tot Ion:330 Resp: 399
 Ion Ratio Lower Upper
 330 100
 332 104.5 77.7 116.5
 141 0.0 56.2 84.4#

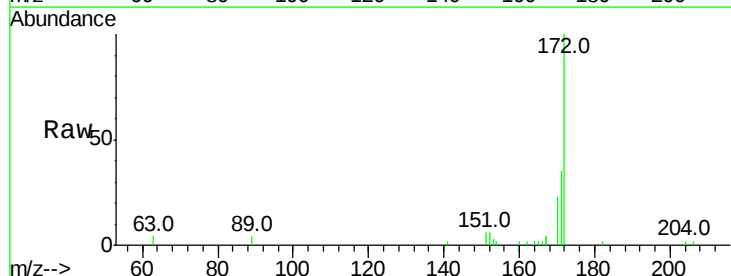


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

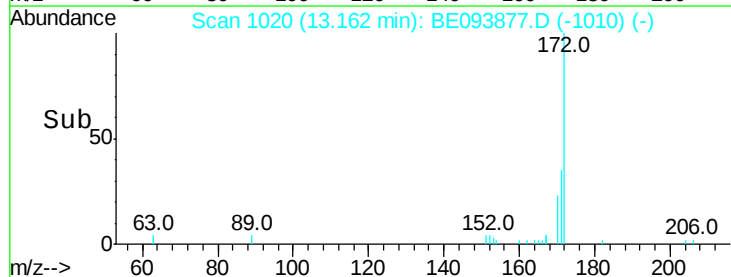
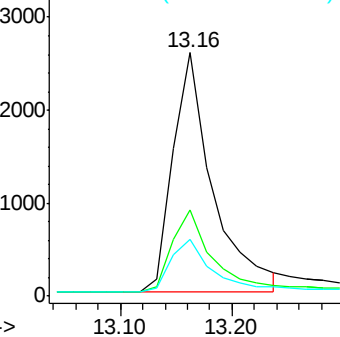


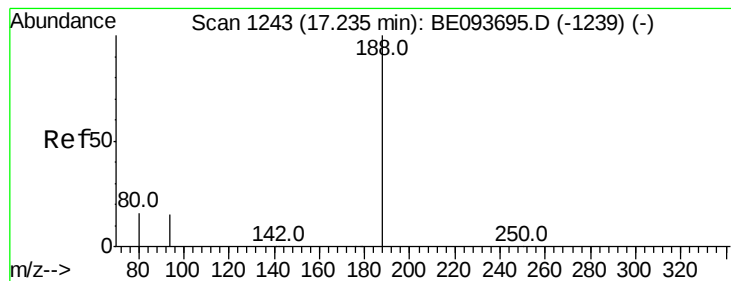
#15
 2-Fluorobiphenyl
 Concen: 0.348 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. 0.02 min
 Lab File: BE093877.D
 Acq: 22 Aug 2017 16:02

Tgt Ion:172 Resp: 6368
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.8 44.6
 170 23.3 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: BE093877.D

Acq: 22 Aug 2017 16:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170816

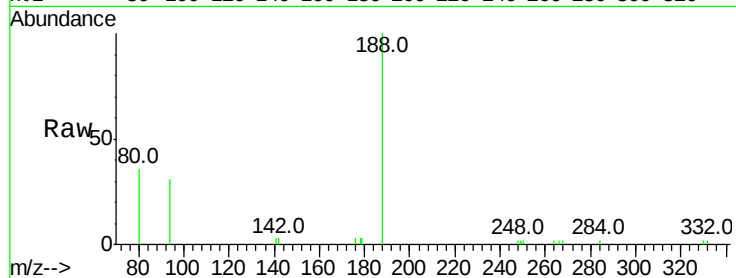
Tot Ion:188 Resp: 8781

Ion Ratio Lower Upper

188 100

94 30.8 11.3 16.9#

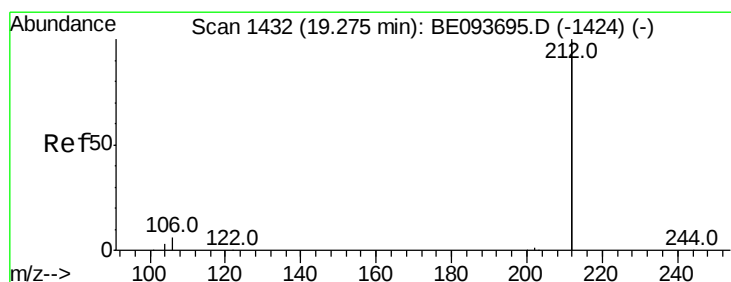
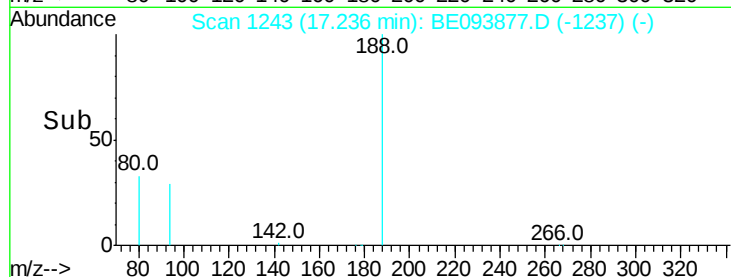
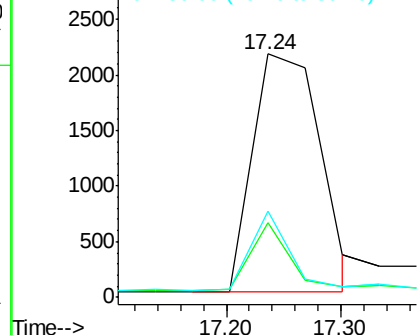
80 35.6 11.7 17.5#



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: 0.488 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

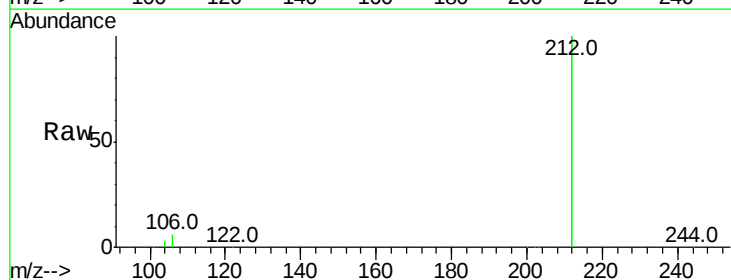
Tgt Ion:212 Resp: 48944

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

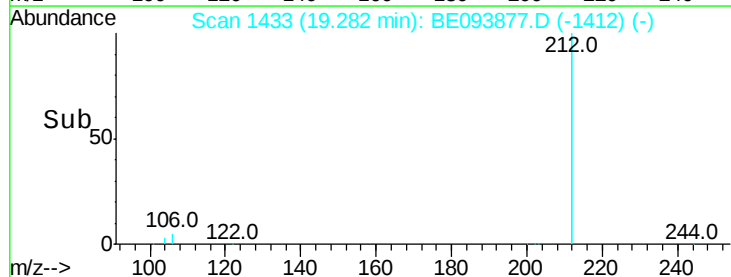
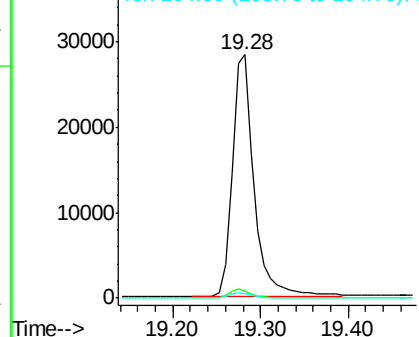
104 2.0 1.6 2.4

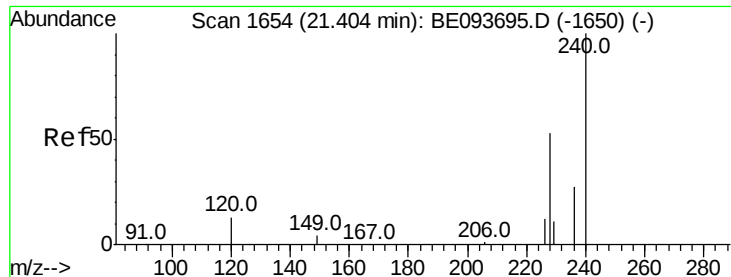


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093877.D

Acq: 22 Aug 2017 16:02

Instrument :

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KY038PS034-170816

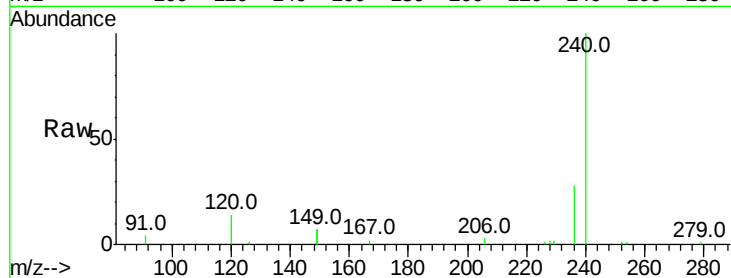
Tot Ion:240 Resp: 11763

Ion Ratio Lower Upper

240 100

120 13.7 4.6 7.0#

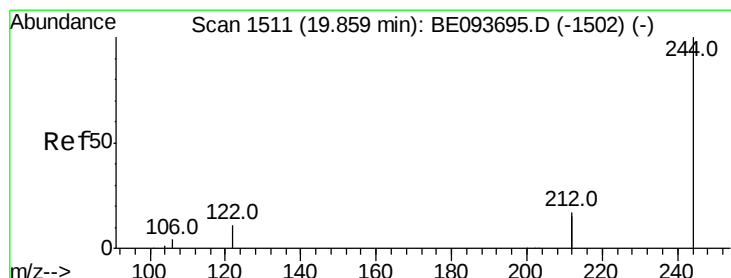
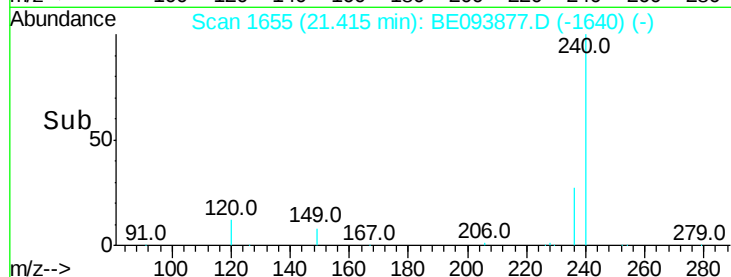
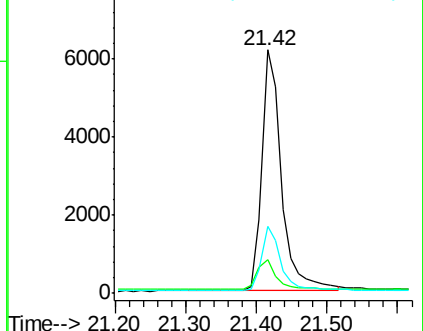
236 27.6 20.8 31.2



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: 0.489 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BE093877.D

Acq: 22 Aug 2017 16:02

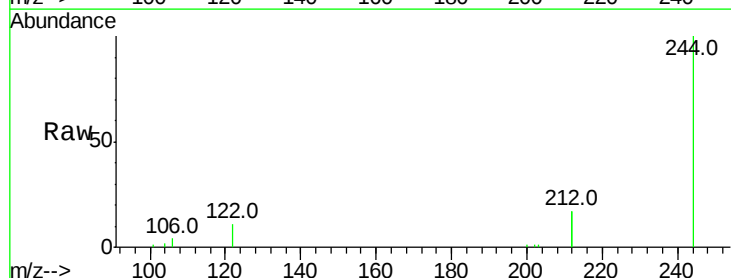
Tgt Ion:244 Resp: 10242

Ion Ratio Lower Upper

244 100

212 33.6 10.6 16.0#

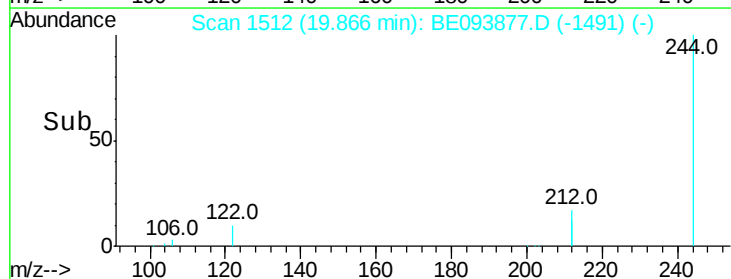
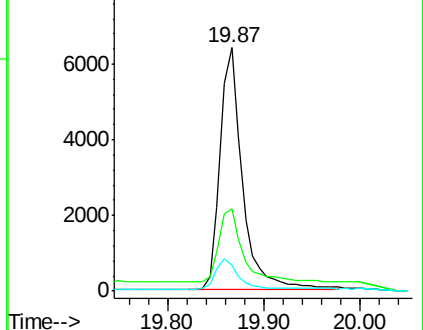
122 10.8 15.4 23.0#

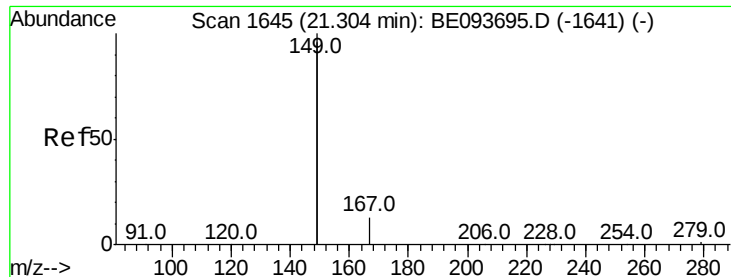


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

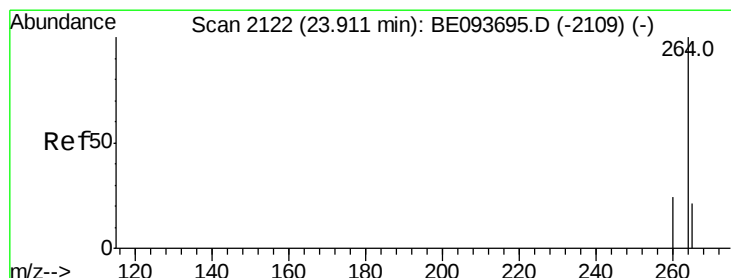
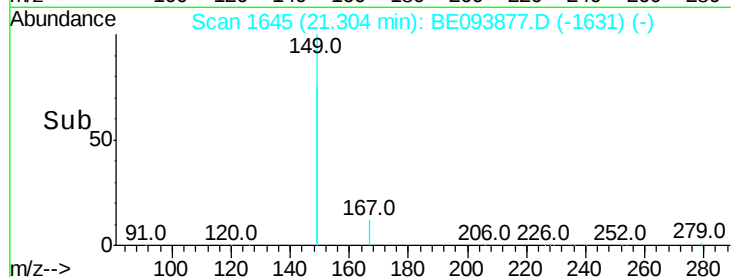
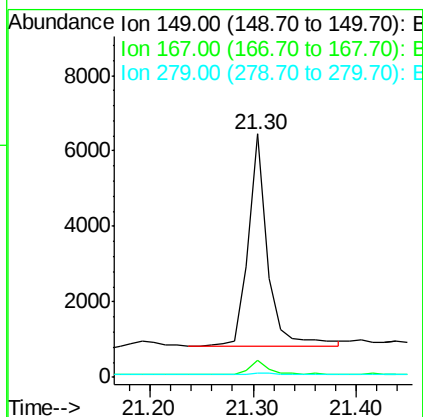
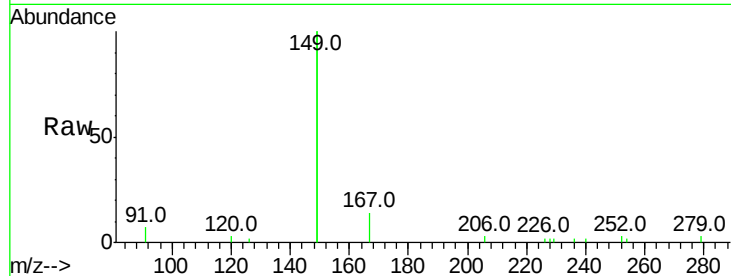




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE093877.D
 Acq: 22 Aug 2017 16:02

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170816

Tot Ion:149 Resp: 7247
 Ion Ratio Lower Upper
 149 100
 167 7.2 4.8 7.2#
 279 1.0 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: BE093877.D
 Acq: 22 Aug 2017 16:02

Tgt Ion:264 Resp: 9943
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.0 31.4
 265 32.9 24.6 36.8

