

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093876.D
 Acq On : 22 Aug 2017 15:23
 Operator : SJ/JU
 Sample : I4860-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170816

Quant Time: Aug 23 01:01:15 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

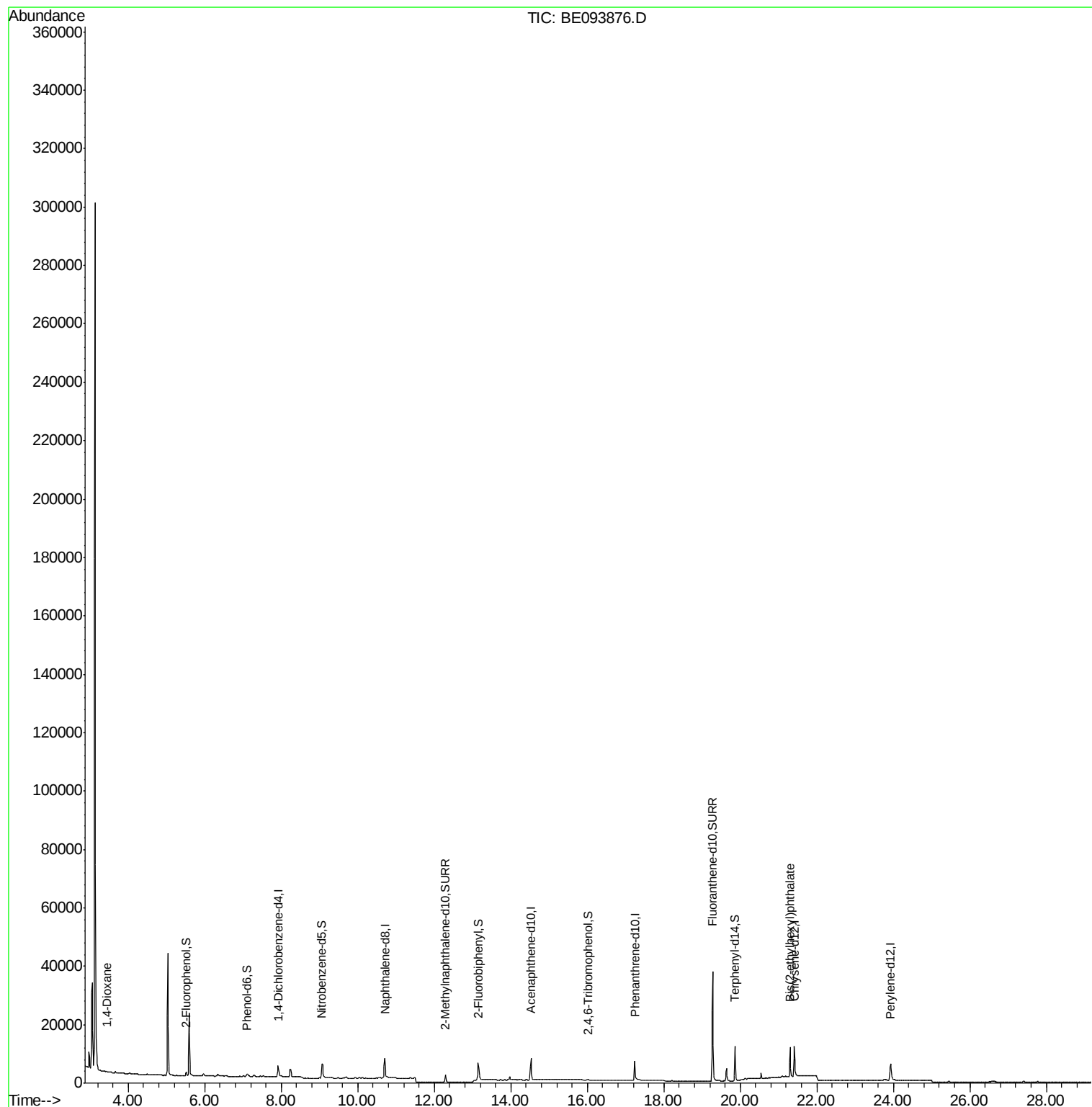
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1833	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	8994	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5158	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11723	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12509	0.40	ng	0.01
34) Perylene-d12	23.93	264	10604	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	807	0.14	ng	0.00
5) Phenol-d6	7.10	99	688	0.08	ng	0.01
8) Nitrobenzene-d5	9.06	82	2776	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4974	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	432	0.31	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	7325	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	51395	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	11218	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	119	0.043	ng	Qvalue # 20
32) Bis(2-ethylhexyl)phthalate	21.30	149	11805	0.139	ng	98

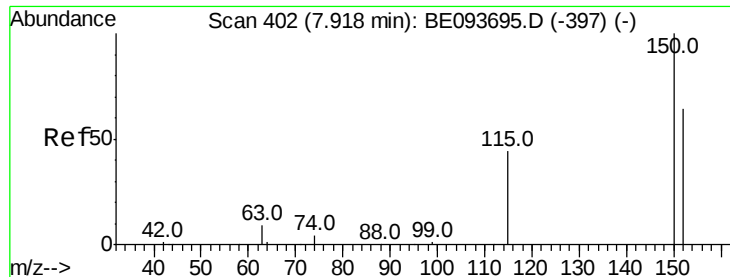
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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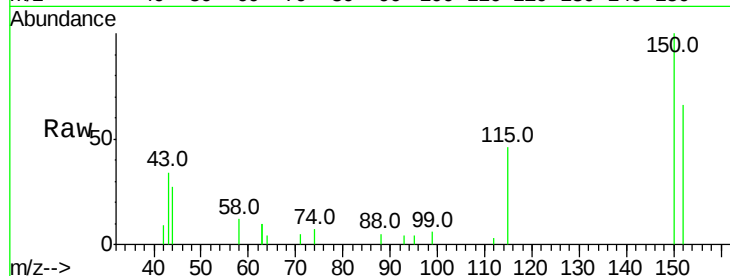


#1

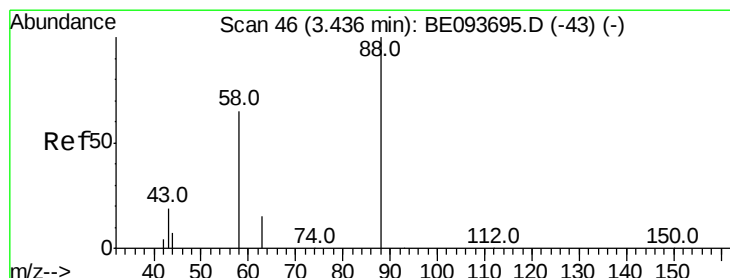
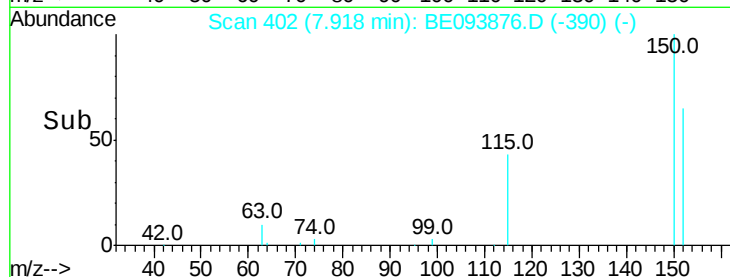
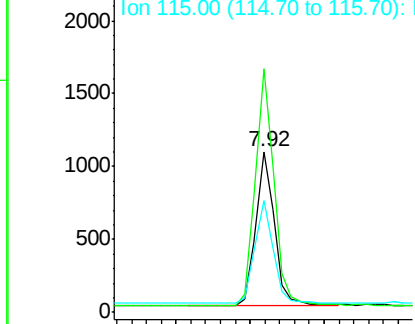
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093876.D
Acq: 22 Aug 2017 15:23

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170816

Tot Ion:152 Resp: 1833
Ion Ratio Lower Upper
152 100
150 151.5 125.1 187.7
115 69.7 55.7 83.5



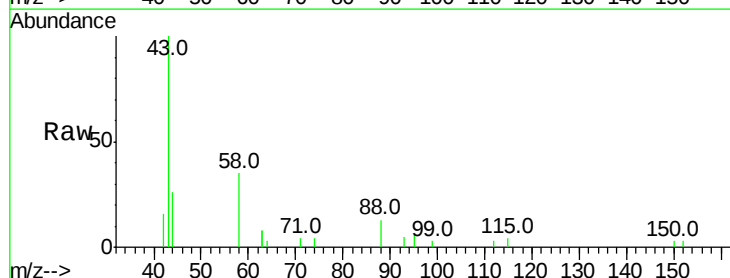
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



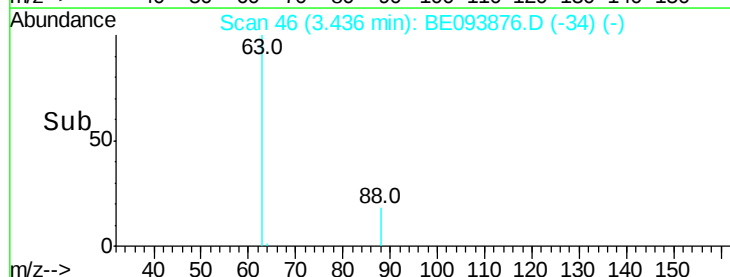
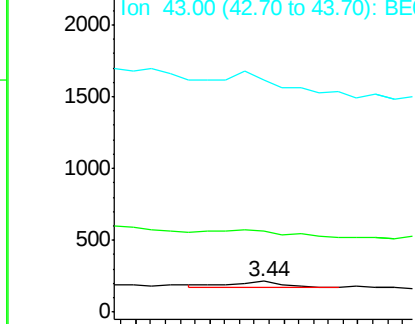
#2

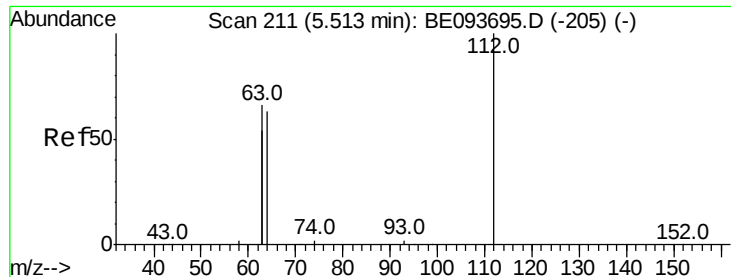
1,4-Dioxane
Concen: 0.043 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093876.D
Acq: 22 Aug 2017 15:23

Tgt Ion: 88 Resp: 119
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: 0.136 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

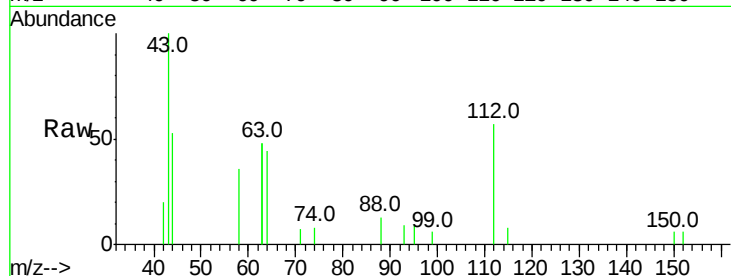
Tot Ion:112 Resp: 807

Ion Ratio Lower Upper

112 100

64 72.9 56.4 84.6

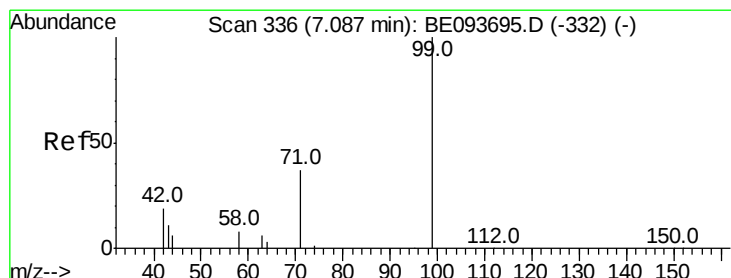
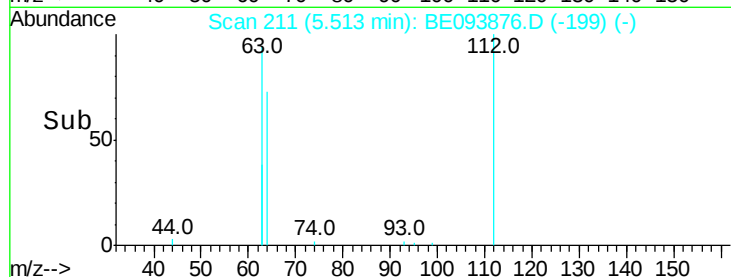
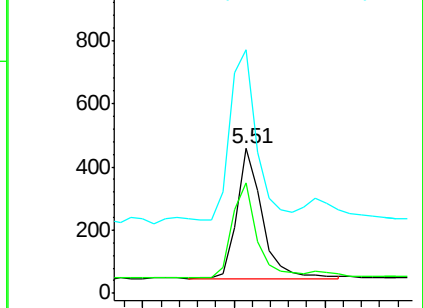
63 134.1 29.3 43.9#



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: 0.076 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

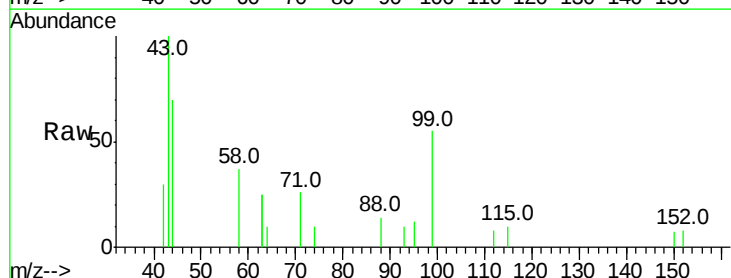
Tgt Ion: 99 Resp: 688

Ion Ratio Lower Upper

99 100

42 26.5 0.0 0.0#

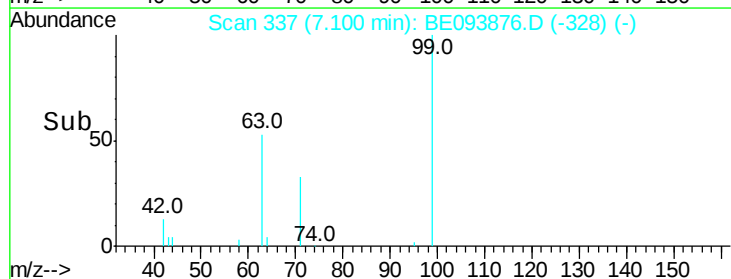
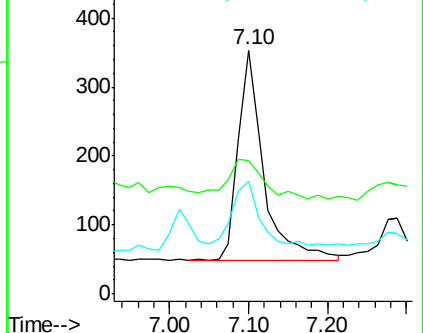
71 32.1 0.0 0.0#

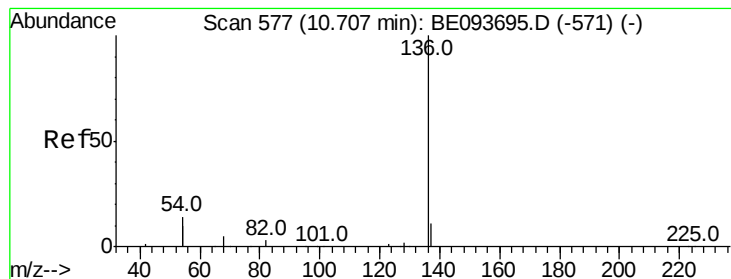


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

Tot Ion:136 Resp: 8994

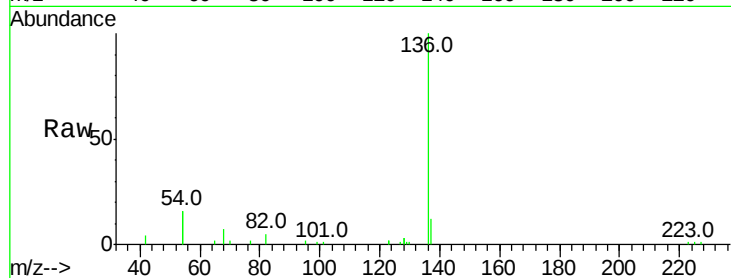
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 32.8 10.3 15.5#

68 6.7 9.0 13.4#

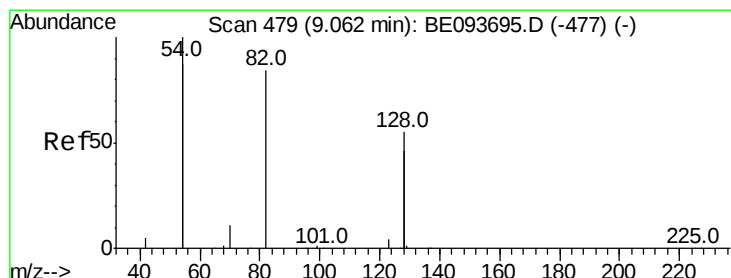
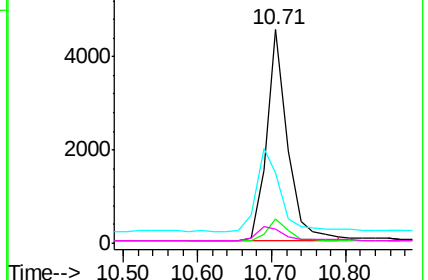
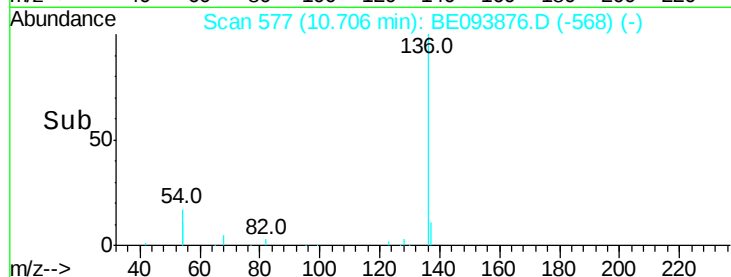


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

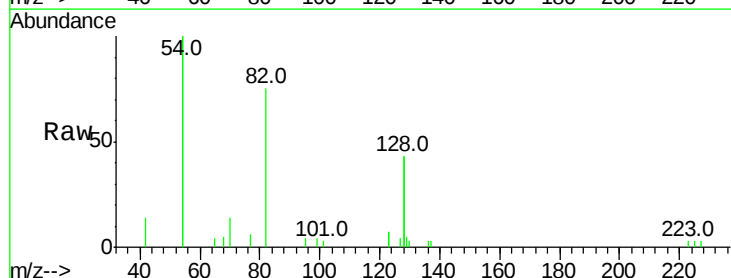
Tgt Ion: 82 Resp: 2776

Ion Ratio Lower Upper

82 100

128 113.0 17.0 25.4#

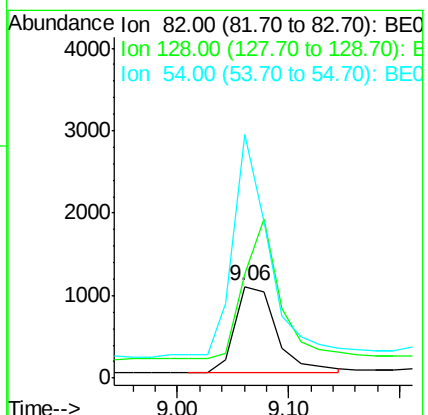
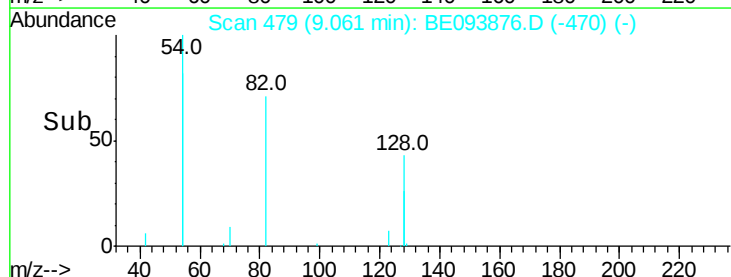
54 265.2 53.8 80.6#

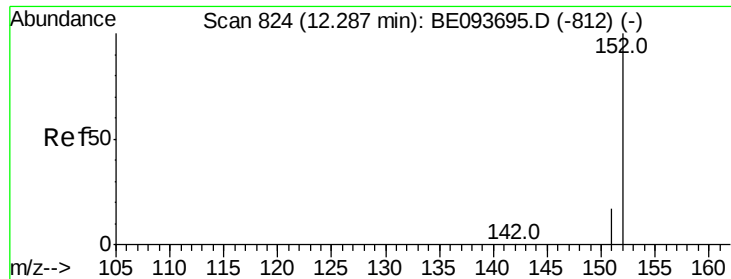


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

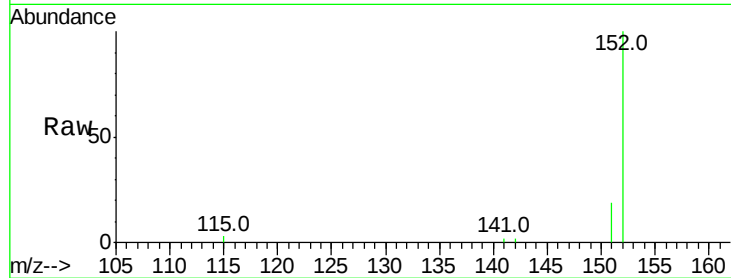
KY038PS033-170816

Tot Ion:152 Resp: 4974

Ion Ratio Lower Upper

152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

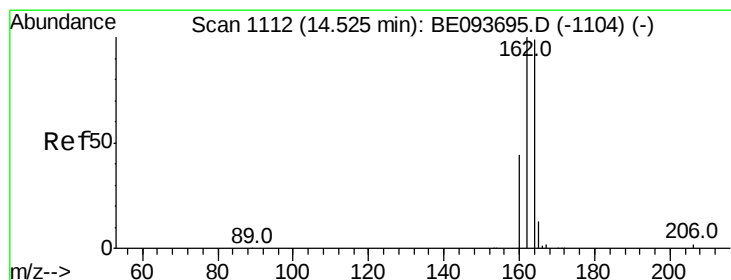
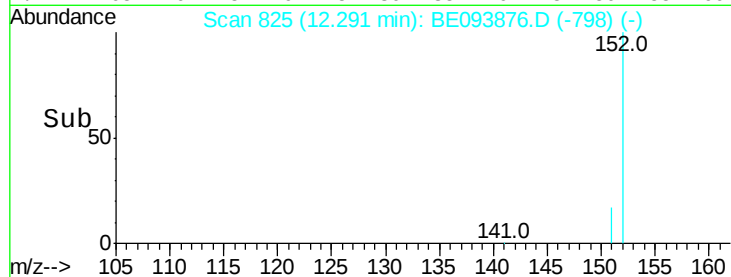
1000

500

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

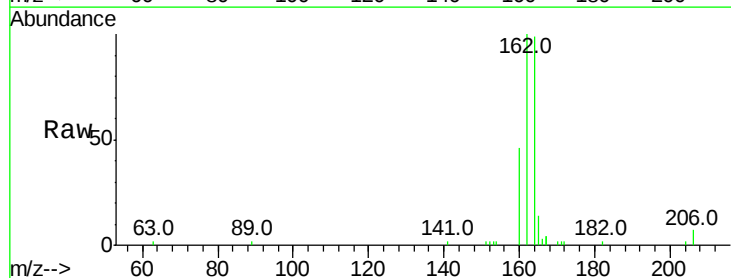
Tgt Ion:164 Resp: 5158

Ion Ratio Lower Upper

164 100

162 101.2 84.6 127.0

160 46.5 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

4000

3000

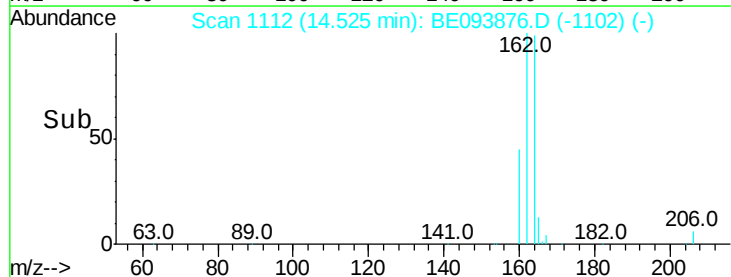
2000

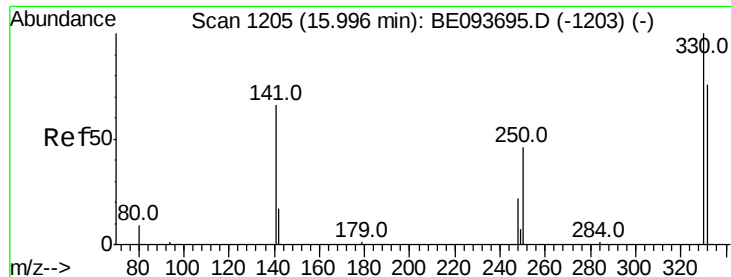
1000

0

14.40 14.50 14.60

Time-->

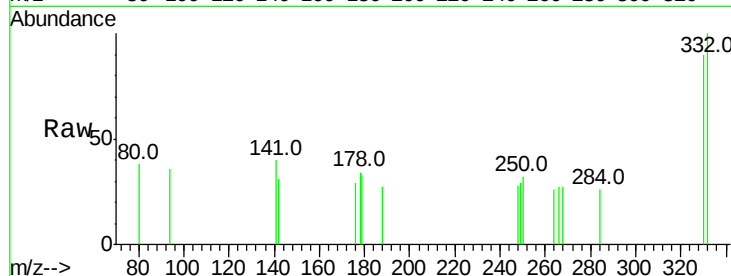




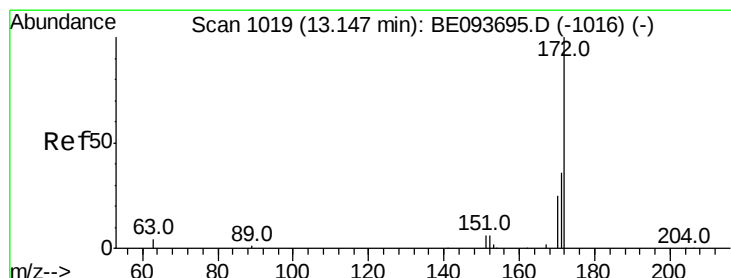
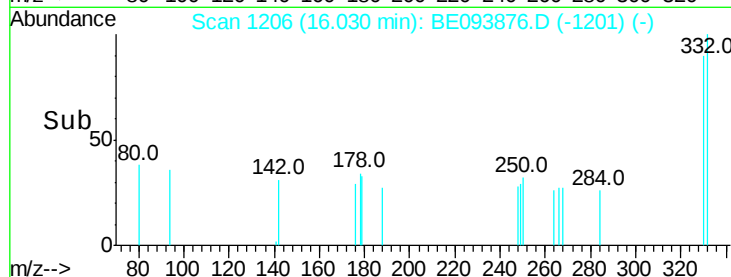
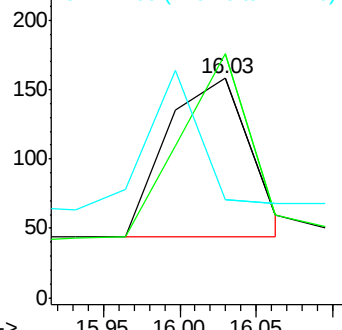
#14
 2,4,6-Tribromophenol
 Concen: 0.306 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE093876.D
 Acq: 22 Aug 2017 15:23

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170816

Tot Ion:330 Resp: 432
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.7 116.5
 141 0.0 56.2 84.4#

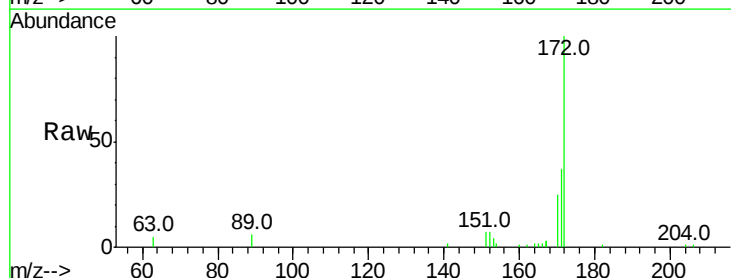


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

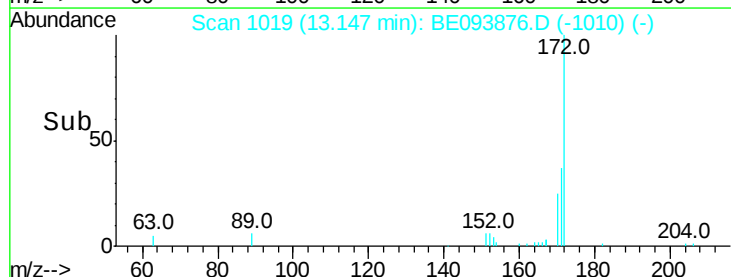
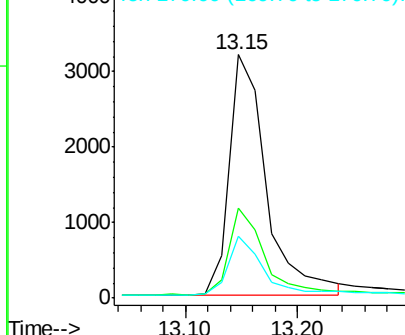


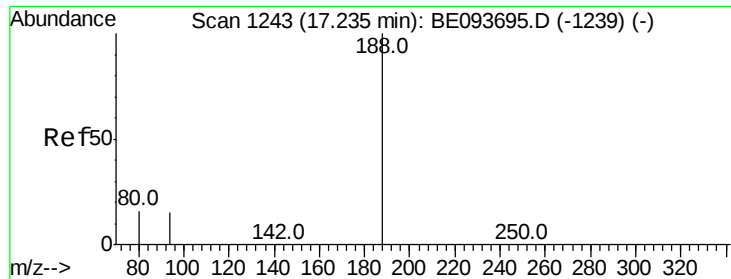
#15
 2-Fluorobiphenyl
 Concen: 0.360 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE093876.D
 Acq: 22 Aug 2017 15:23

Tgt Ion:172 Resp: 7325
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 25.2 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: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

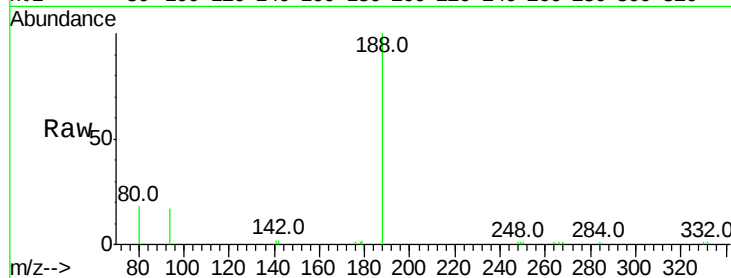
Tot Ion:188 Resp: 11723

Ion Ratio Lower Upper

188 100

94 16.8 11.3 16.9

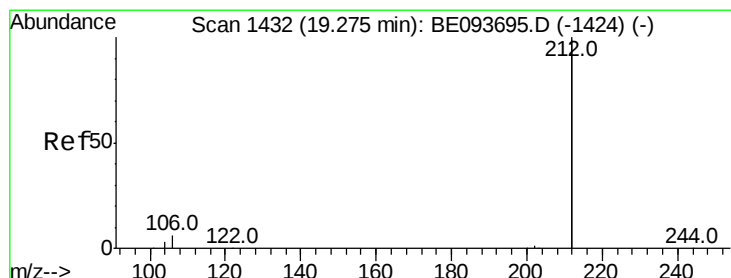
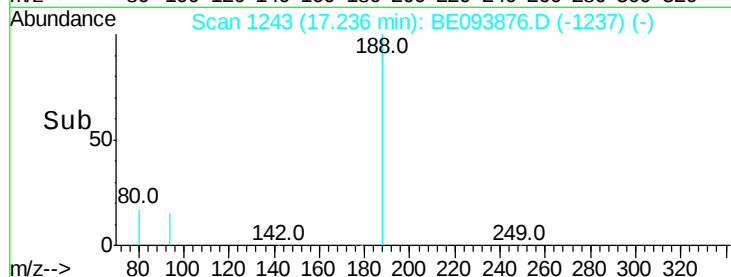
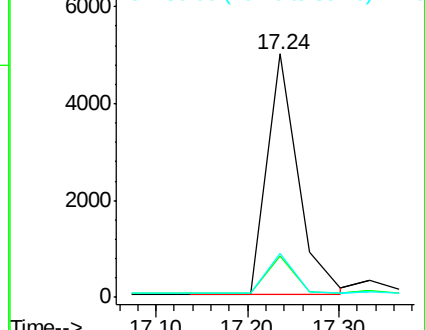
80 18.0 11.7 17.5#



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: 0.384 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

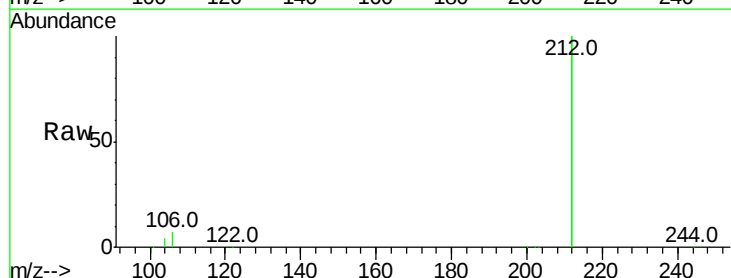
Tgt Ion:212 Resp: 51395

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

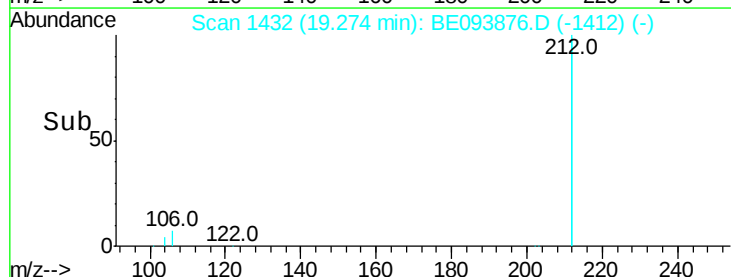
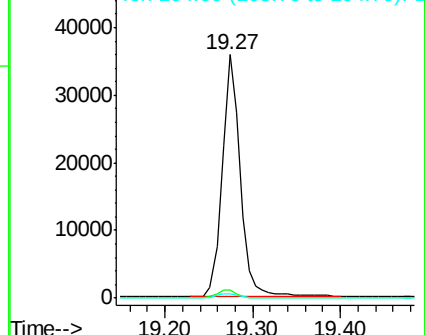
104 2.1 1.6 2.4

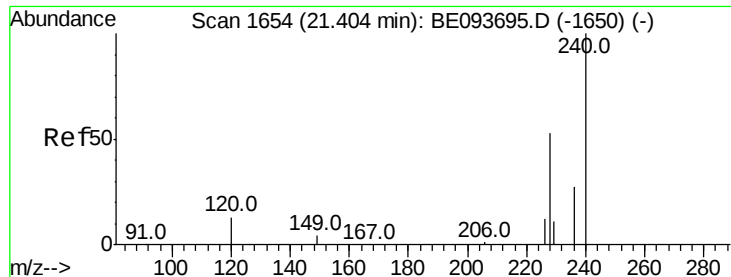


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

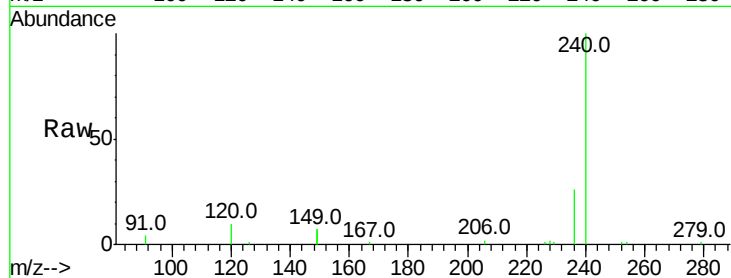
Tot Ion:240 Resp: 12509

Ion Ratio Lower Upper

240 100

120 10.2 4.6 7.0#

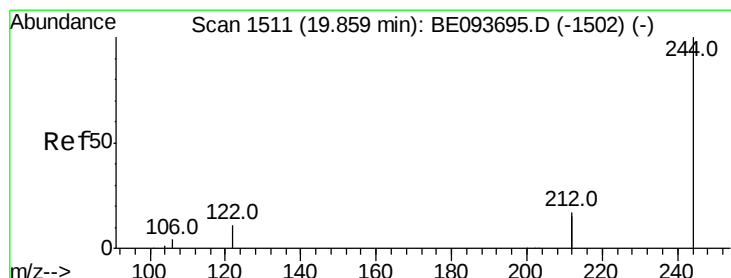
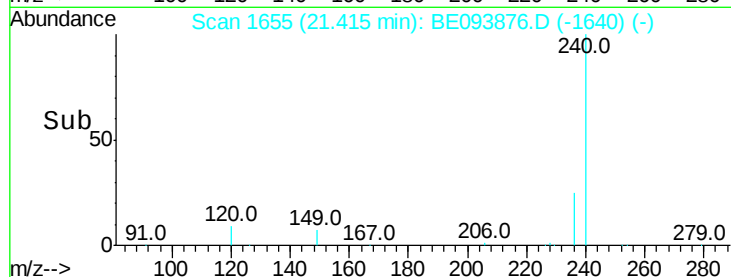
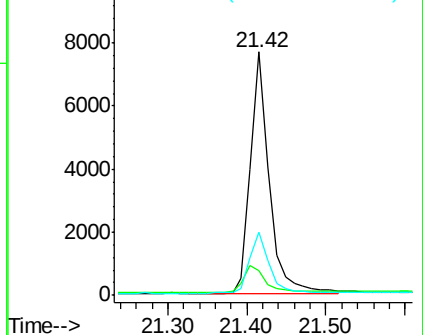
236 25.8 20.8 31.2



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: 0.503 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

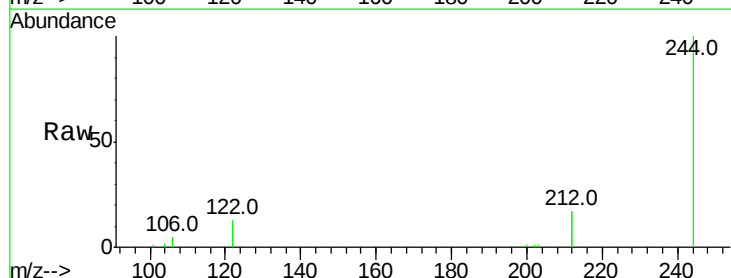
Tgt Ion:244 Resp: 11218

Ion Ratio Lower Upper

244 100

212 34.0 10.6 16.0#

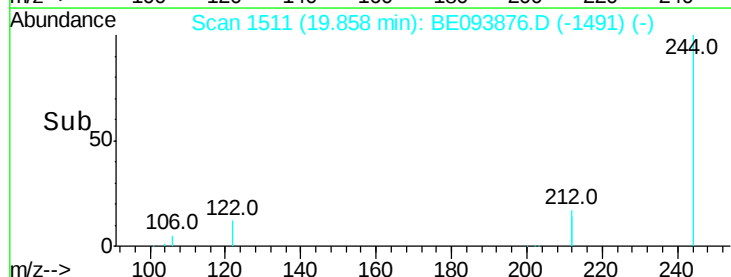
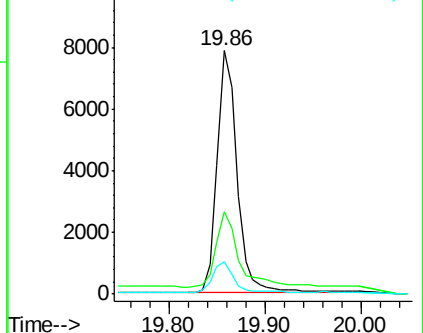
122 13.1 15.4 23.0#

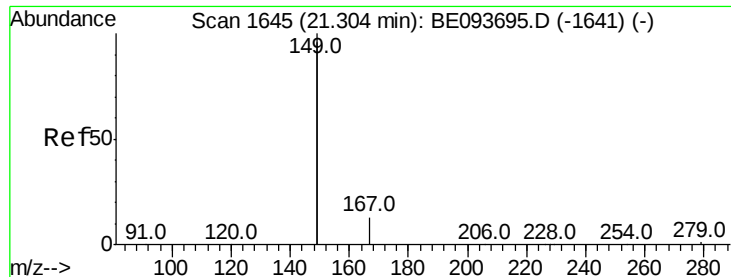


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

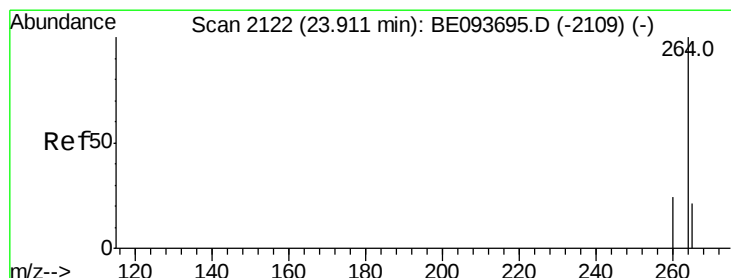
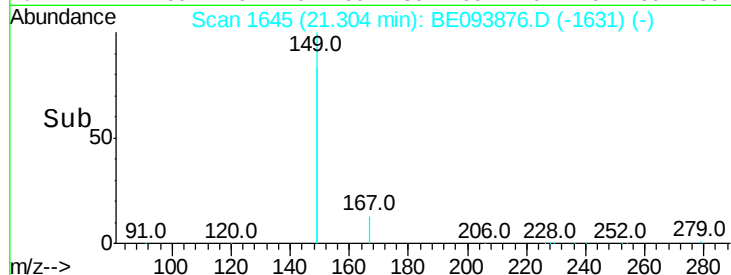
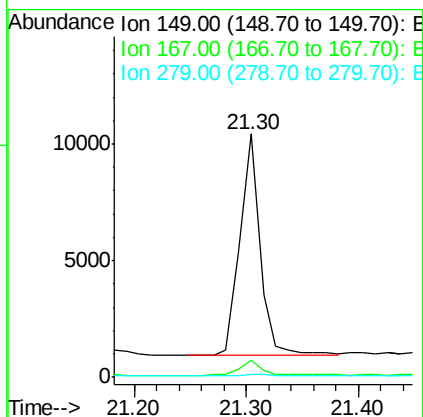
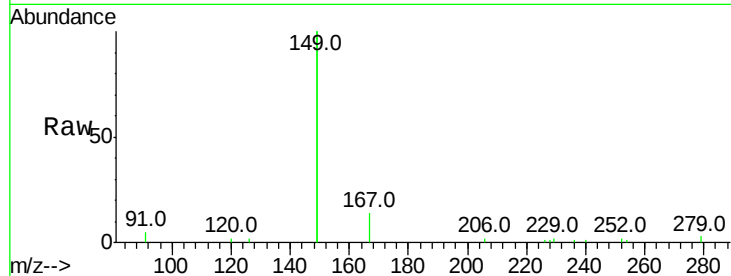




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE093876.D
 Acq: 22 Aug 2017 15:23

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170816

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.9	4.8	7.2
279	0.9	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: BE093876.D
 Acq: 22 Aug 2017 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.4
265	30.9	24.6	36.8

