

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093875.D
 Acq On : 22 Aug 2017 14:47
 Operator : SJ/JU
 Sample : I4860-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170816

Quant Time: Aug 23 01:01:00 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

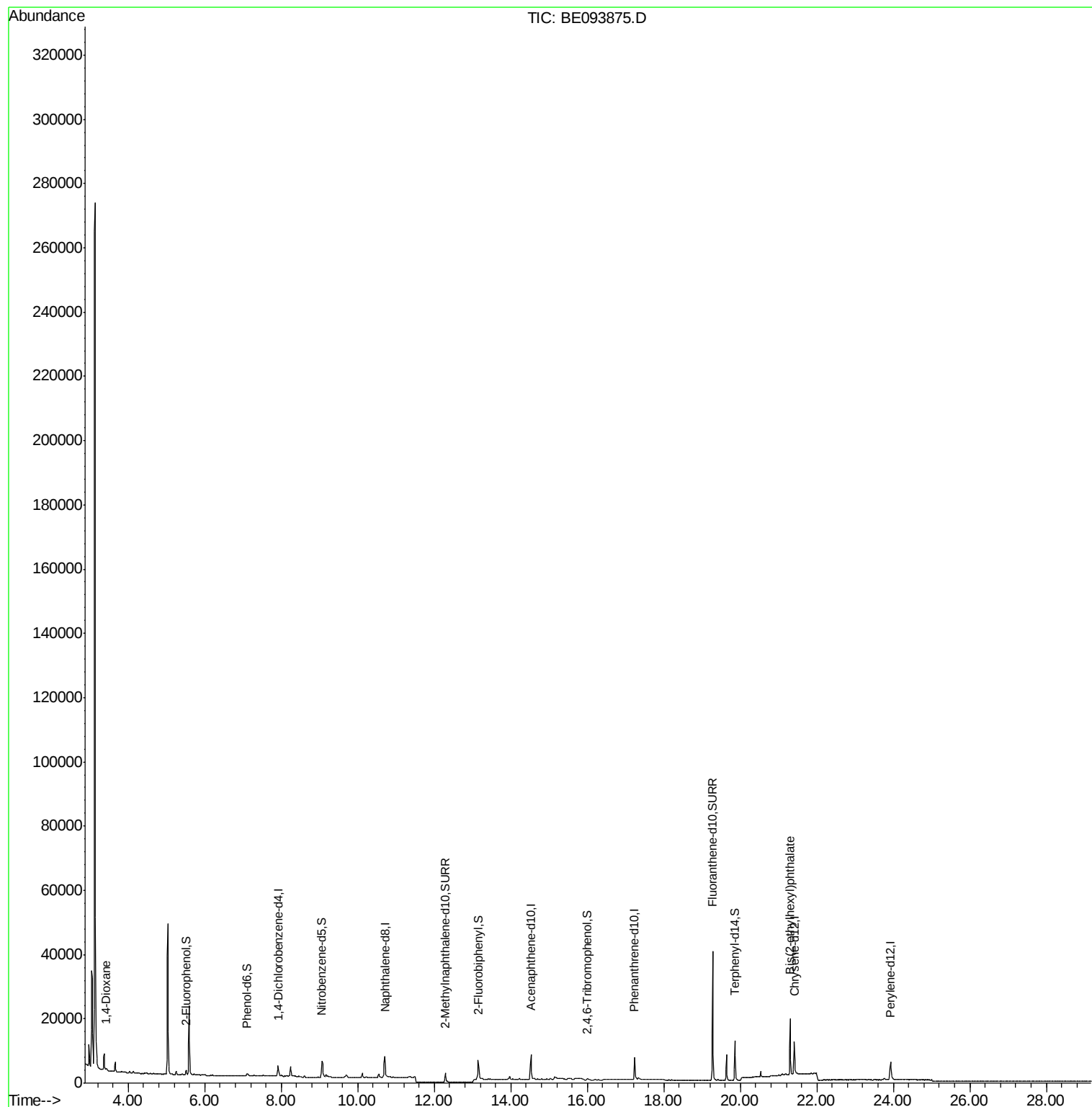
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1746	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	8690	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5205	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12257	0.40	ng	0.00
27) Chrysene-d12	21.41	240	12558	0.40	ng	0.01
34) Perylene-d12	23.92	264	10781	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	971	0.17	ng	0.00
5) Phenol-d6	7.10	99	883	0.10	ng	0.02
8) Nitrobenzene-d5	9.06	82	2761	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5143	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	499	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7197	0.35	ng	0.00
25) Fluoranthene-d10	19.28	212	54900	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	11437	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.43	88	416	0.158	ng	Qvalue # 29
32) Bis(2-ethylhexyl)phthalate	21.30	149	19543	0.229	ng	97

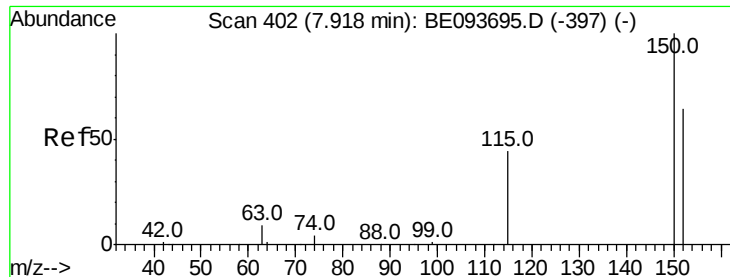
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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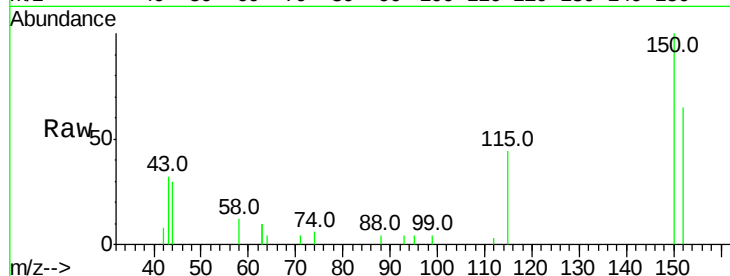


#1

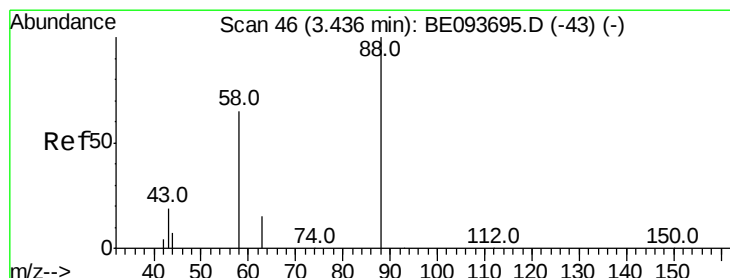
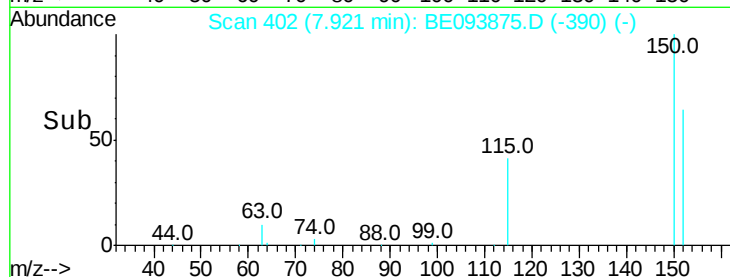
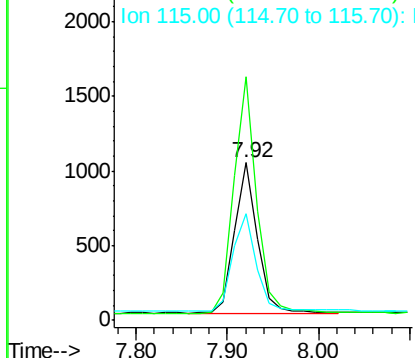
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093875.D
Acq: 22 Aug 2017 14:47

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170816

Tot Ion:152 Resp: 1746
Ion Ratio Lower Upper
152 100
150 154.5 125.1 187.7
115 67.5 55.7 83.5



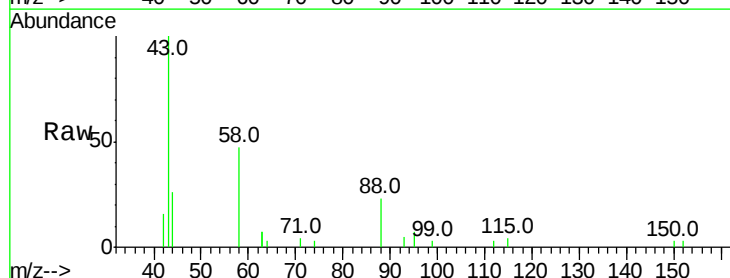
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



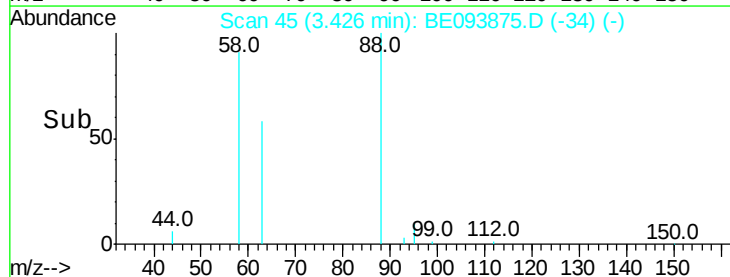
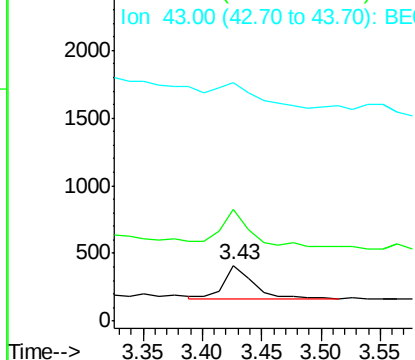
#2

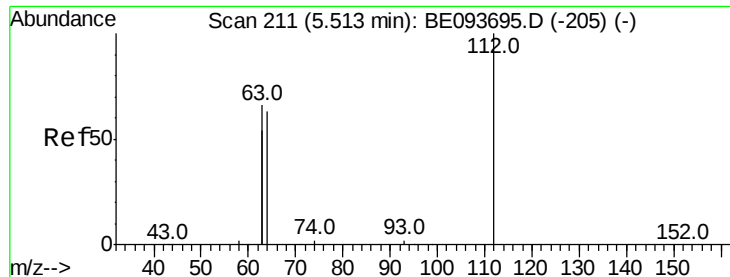
1,4-Dioxane
Concen: 0.158 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.01 min
Lab File: BE093875.D
Acq: 22 Aug 2017 14:47

Tgt Ion: 88 Resp: 416
Ion Ratio Lower Upper
88 100
58 144.7 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: 0.172 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170816

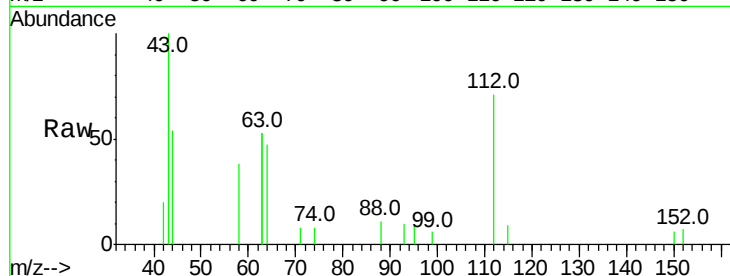
Tot Ion:112 Resp: 971

Ion Ratio Lower Upper

112 100

64 69.5 56.4 84.6

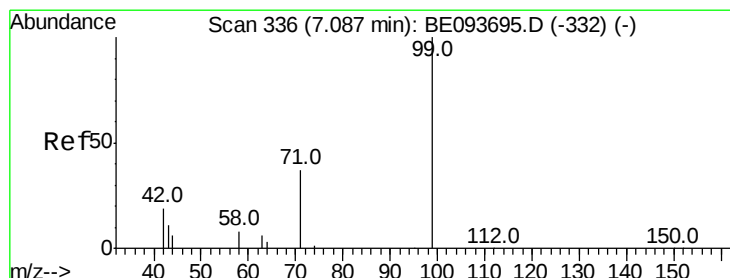
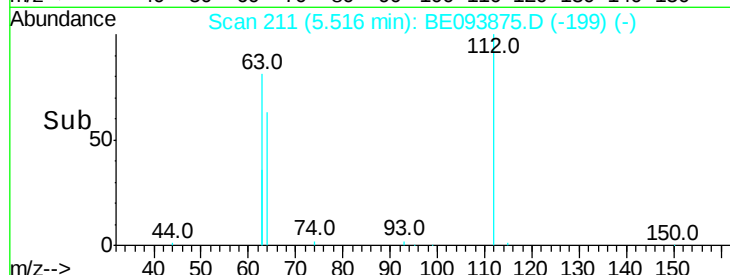
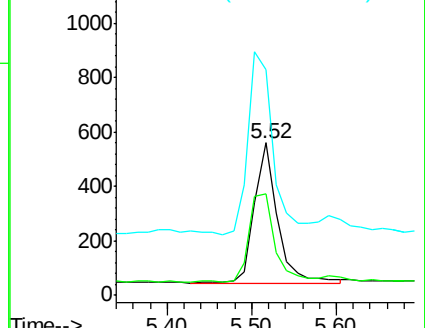
63 141.1 29.3 43.9#



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: 0.102 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.02 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

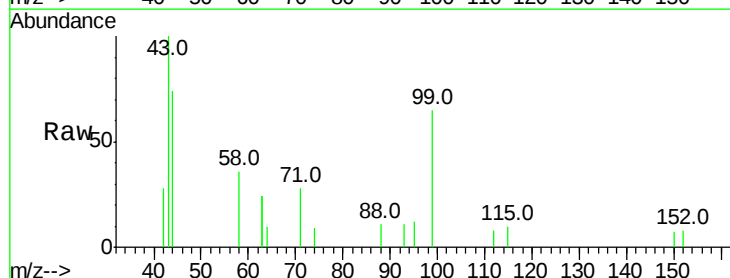
Tgt Ion: 99 Resp: 883

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

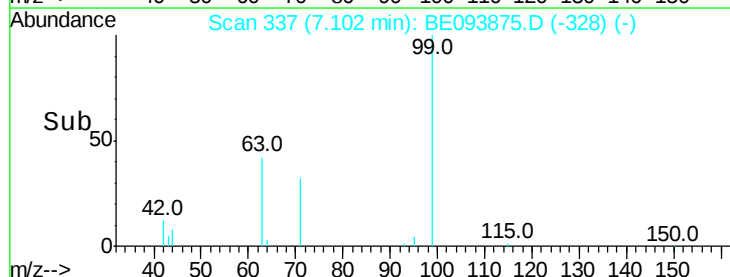
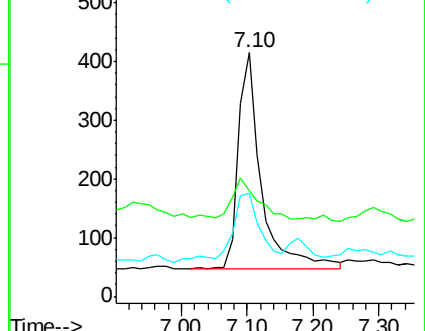
71 33.4 0.0 0.0#

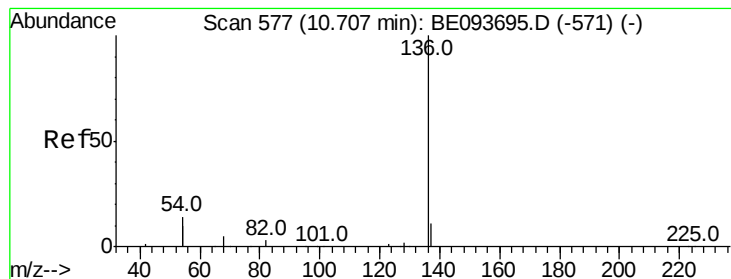


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093875.D

Acq: 22 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170816

Tot Ion:136 Resp: 8690

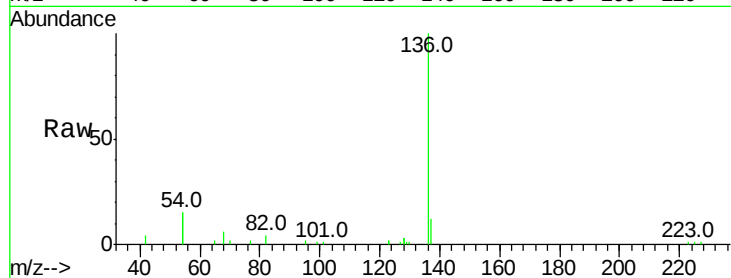
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 30.8 10.3 15.5#

68 6.4 9.0 13.4#

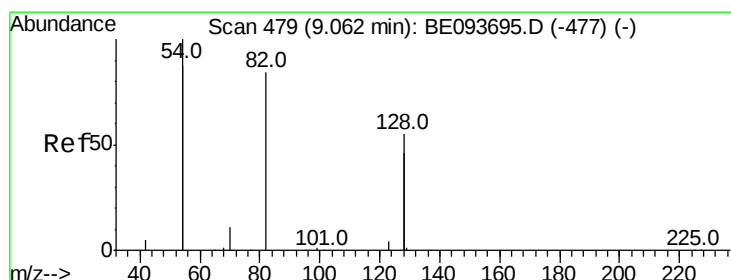
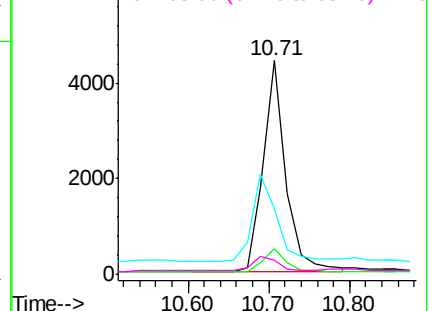
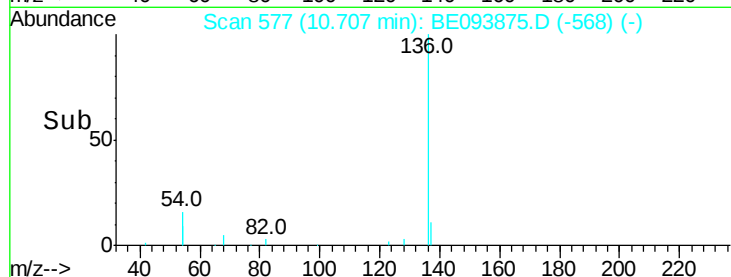


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

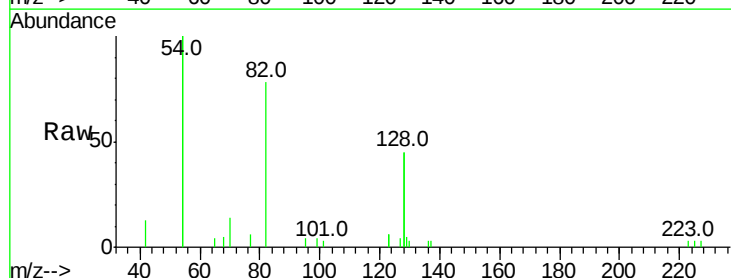
Tgt Ion: 82 Resp: 2761

Ion Ratio Lower Upper

82 100

128 115.2 17.0 25.4#

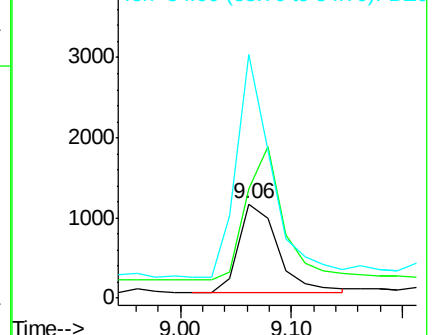
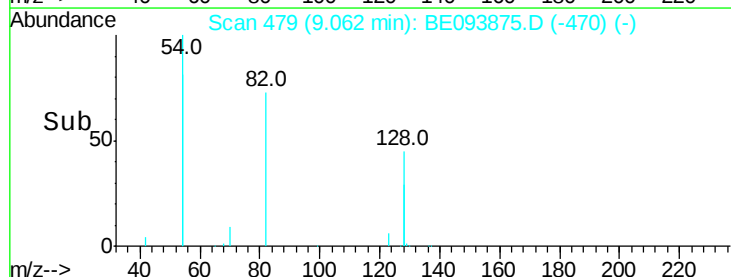
54 257.7 53.8 80.6#

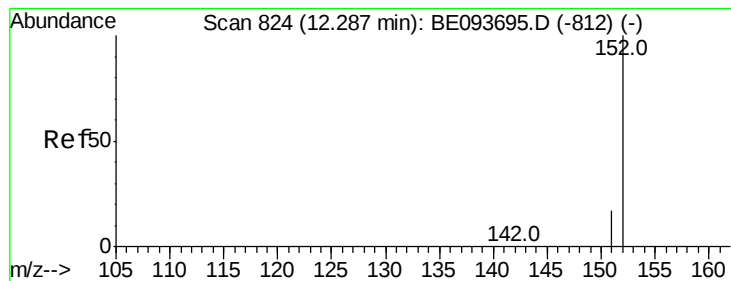


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

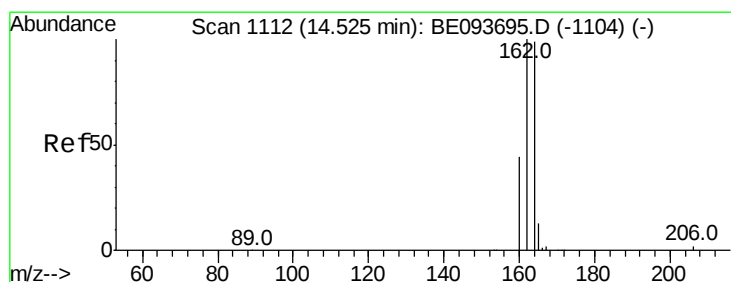
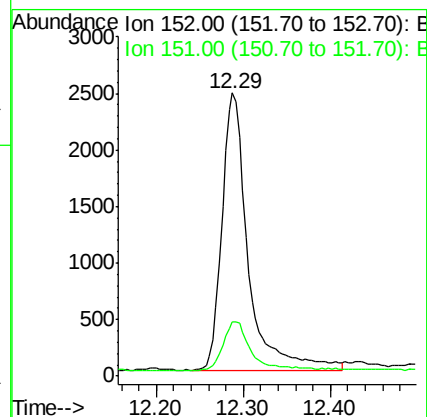
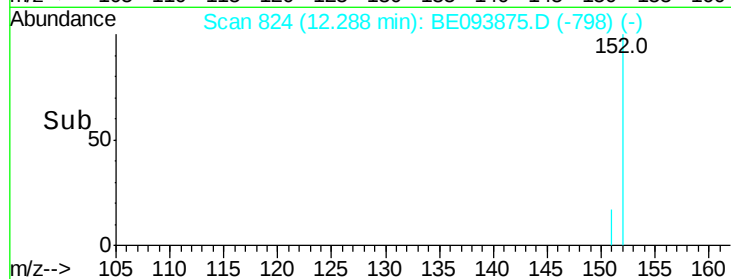
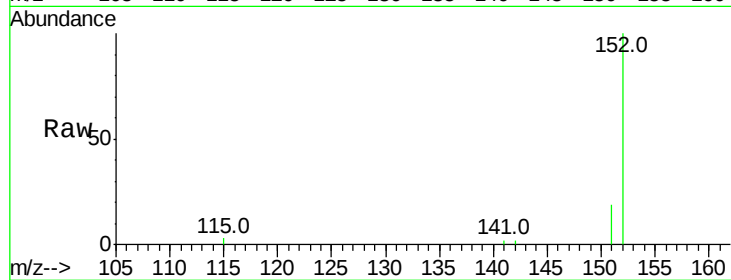
KY038PS027-170816

Tot Ion:152 Resp: 5143

Ion Ratio Lower Upper

152 100

151 19.1 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: BE093875.D

Acq: 22 Aug 2017 14:47

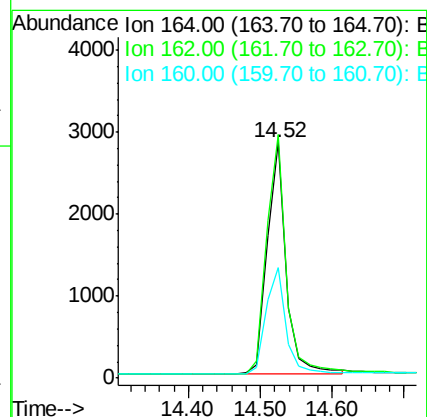
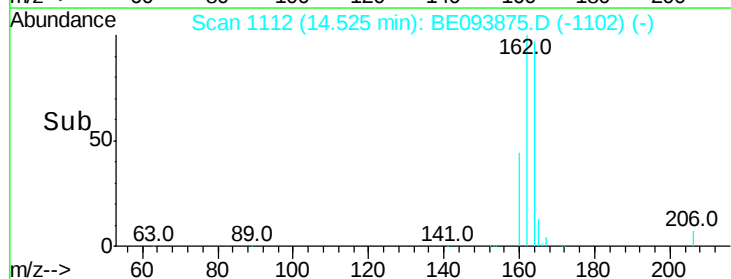
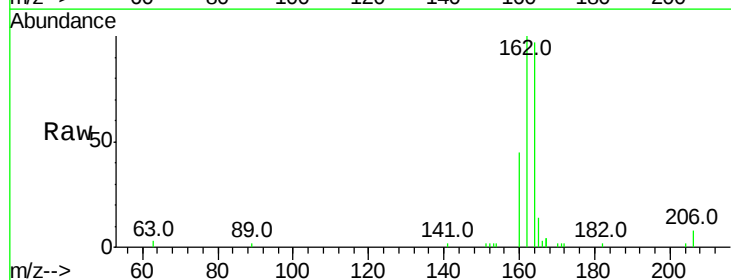
Tgt Ion:164 Resp: 5205

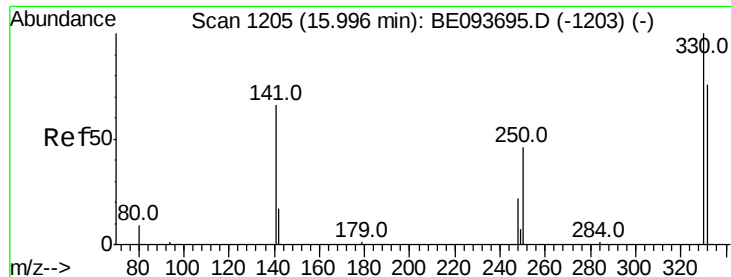
Ion Ratio Lower Upper

164 100

162 103.4 84.6 127.0

160 47.0 41.8 62.6

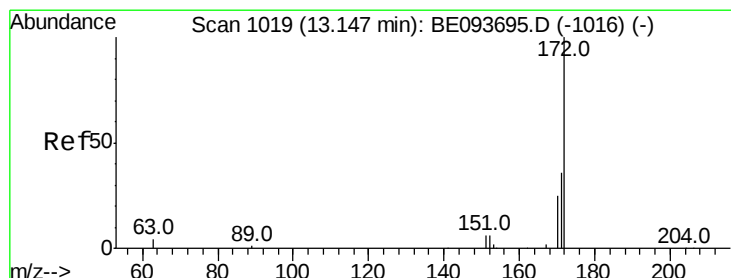
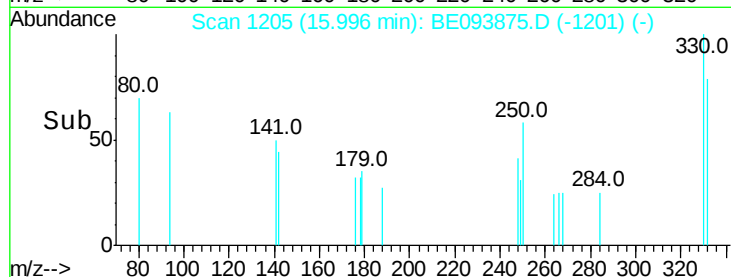
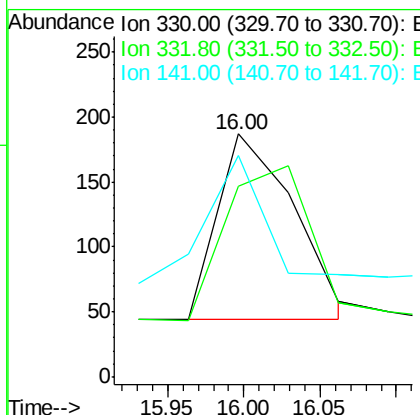
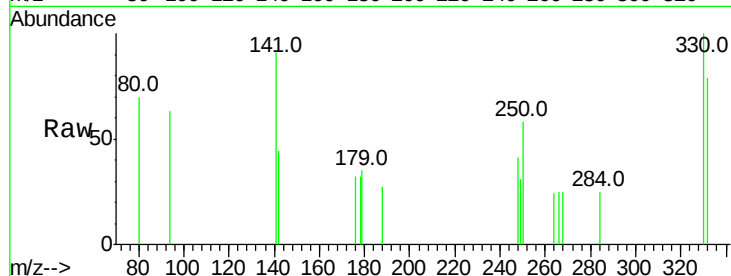




#14
 2,4,6-Tribromophenol
 Concen: 0.350 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093875.D
 Acq: 22 Aug 2017 14:47

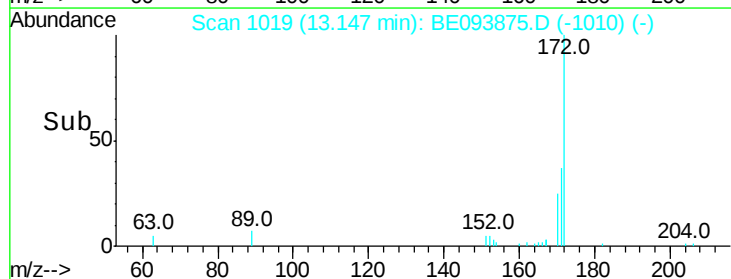
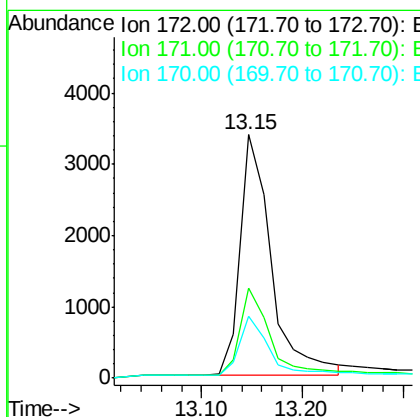
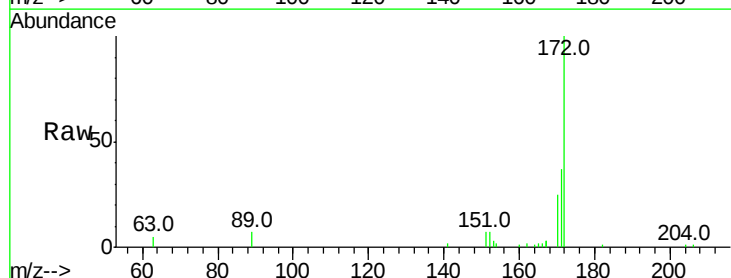
Instrument :
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 ClientSampleId :
 KY038PS027-170816

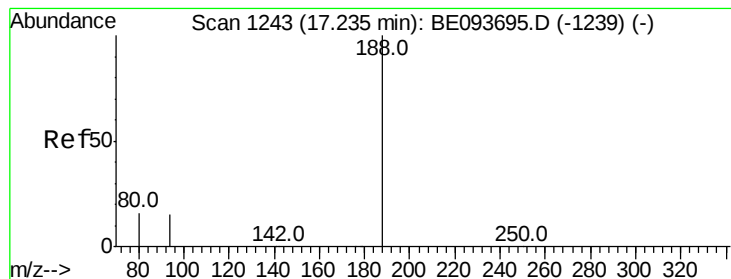
Tot Ion:330 Resp: 499
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 53.3 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE093875.D
 Acq: 22 Aug 2017 14:47

Tgt Ion:172 Resp: 7197
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.2 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170816

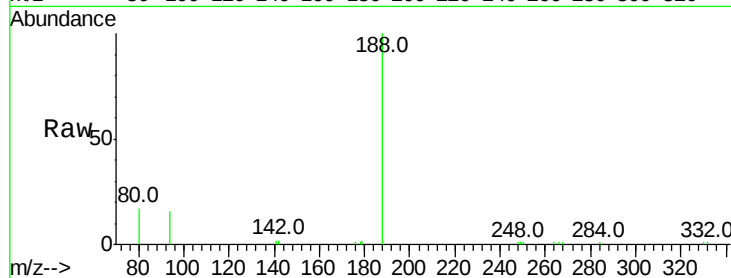
Tot Ion:188 Resp: 12257

Ion Ratio Lower Upper

188 100

94 15.8 11.3 16.9

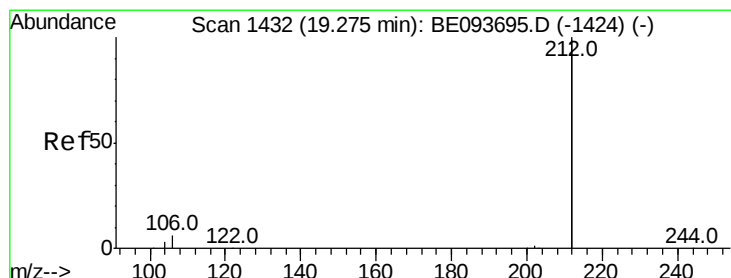
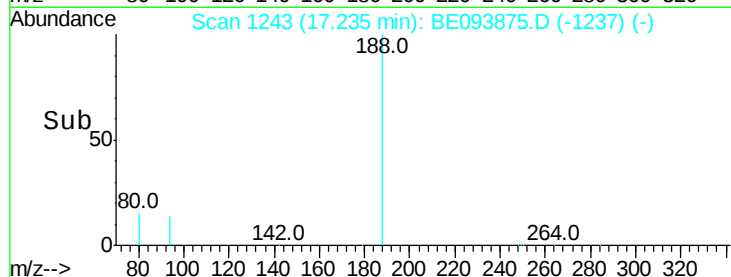
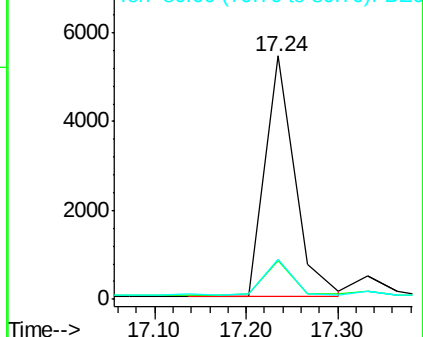
80 16.6 11.7 17.5



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: 0.393 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

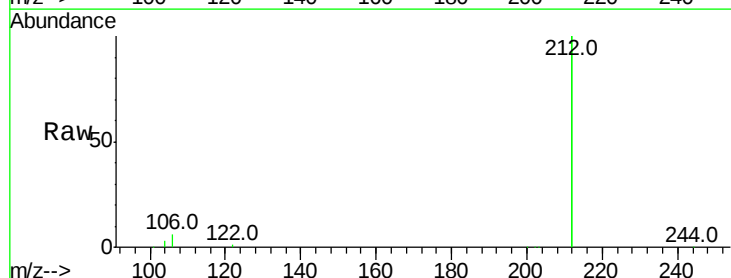
Tgt Ion:212 Resp: 54900

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

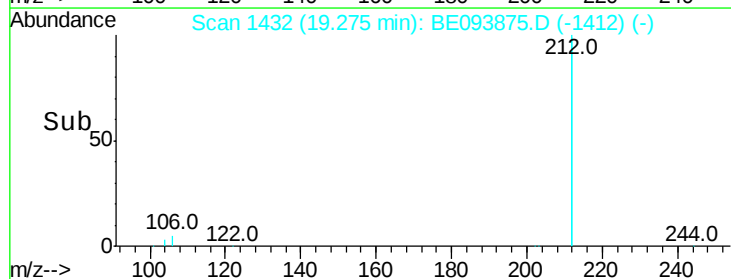
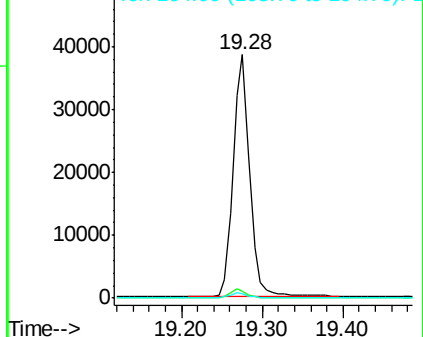
104 2.0 1.6 2.4

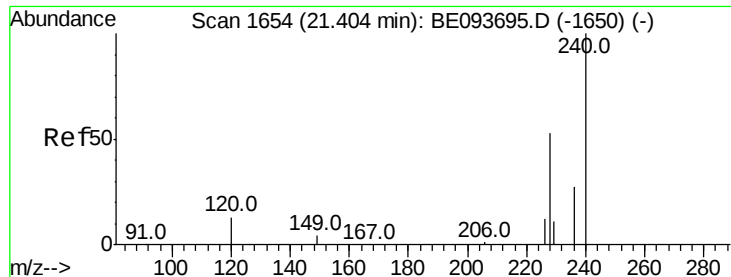


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

Instrument :

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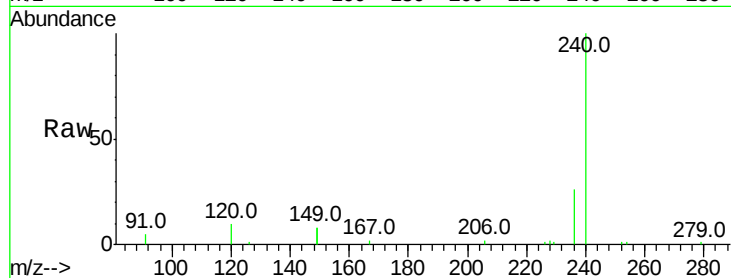
Tot Ion:240 Resp: 12558

Ion Ratio Lower Upper

240 100

120 9.6 4.6 7.0#

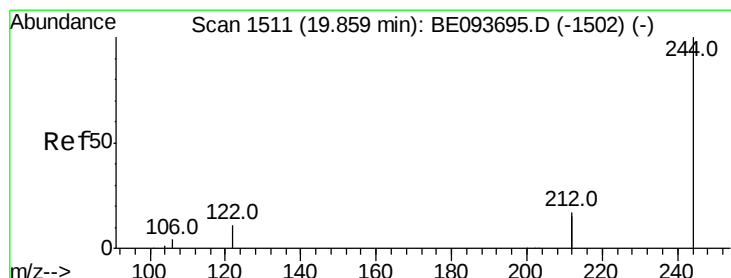
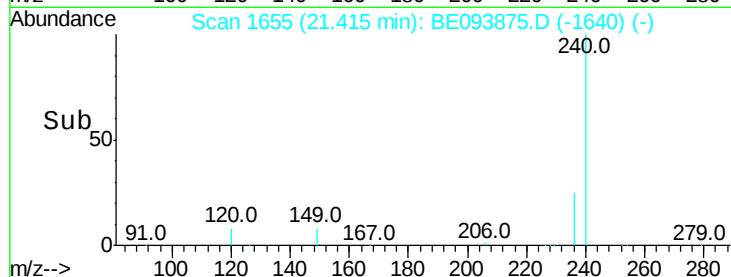
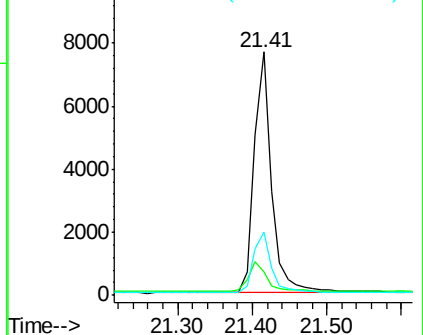
236 25.9 20.8 31.2



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: 0.511 ng

RT: 19.86 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE093875.D

Acq: 22 Aug 2017 14:47

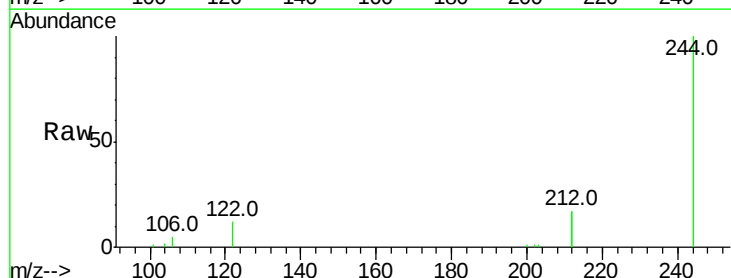
Tgt Ion:244 Resp: 11437

Ion Ratio Lower Upper

244 100

212 33.3 10.6 16.0#

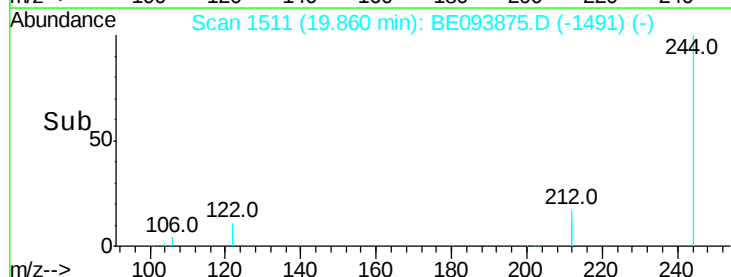
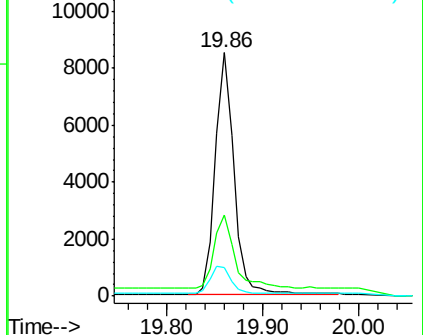
122 11.5 15.4 23.0#

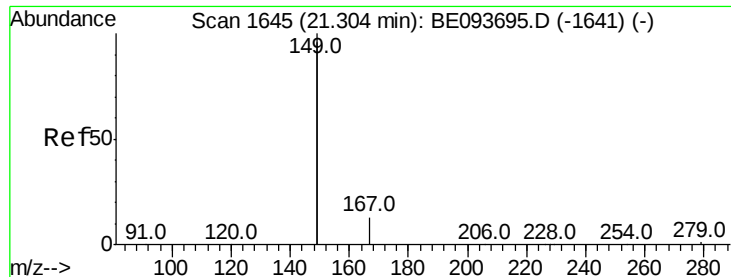


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

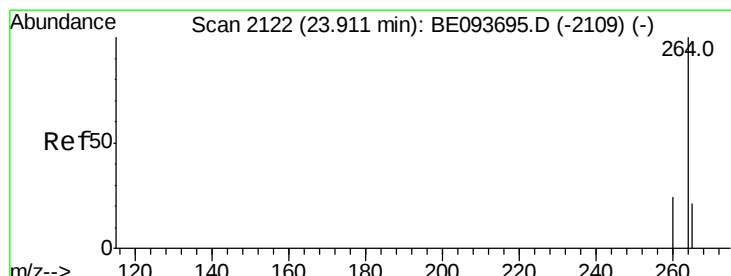
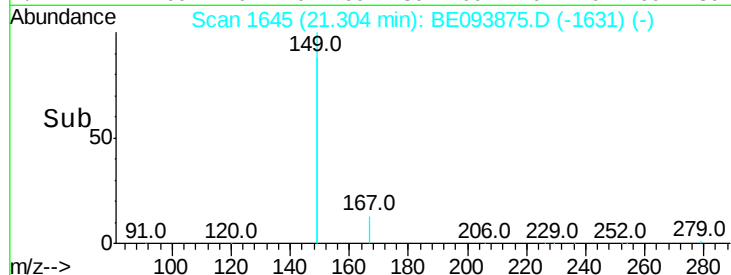
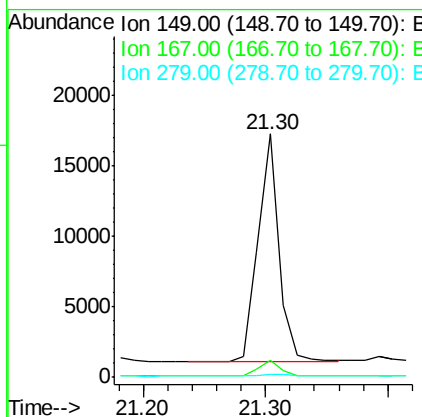
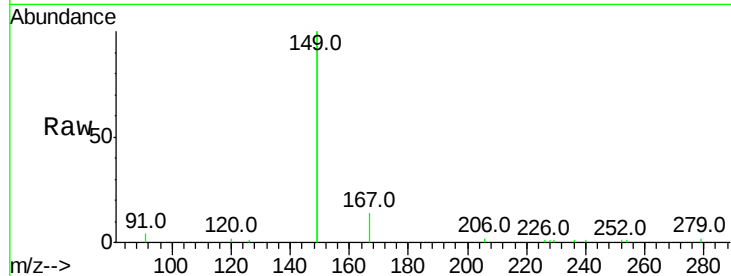




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.229 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE093875.D
 Acq: 22 Aug 2017 14:47

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170816

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.0	4.8	7.2
279	0.9	0.8	1.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BE093875.D
 Acq: 22 Aug 2017 14:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.4
265	31.2	24.6	36.8

