

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093705.D
 Acq On : 7 Aug 2017 17:34
 Operator : SJ/JU
 Sample : I4509-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170727

Quant Time: Aug 08 00:47:19 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

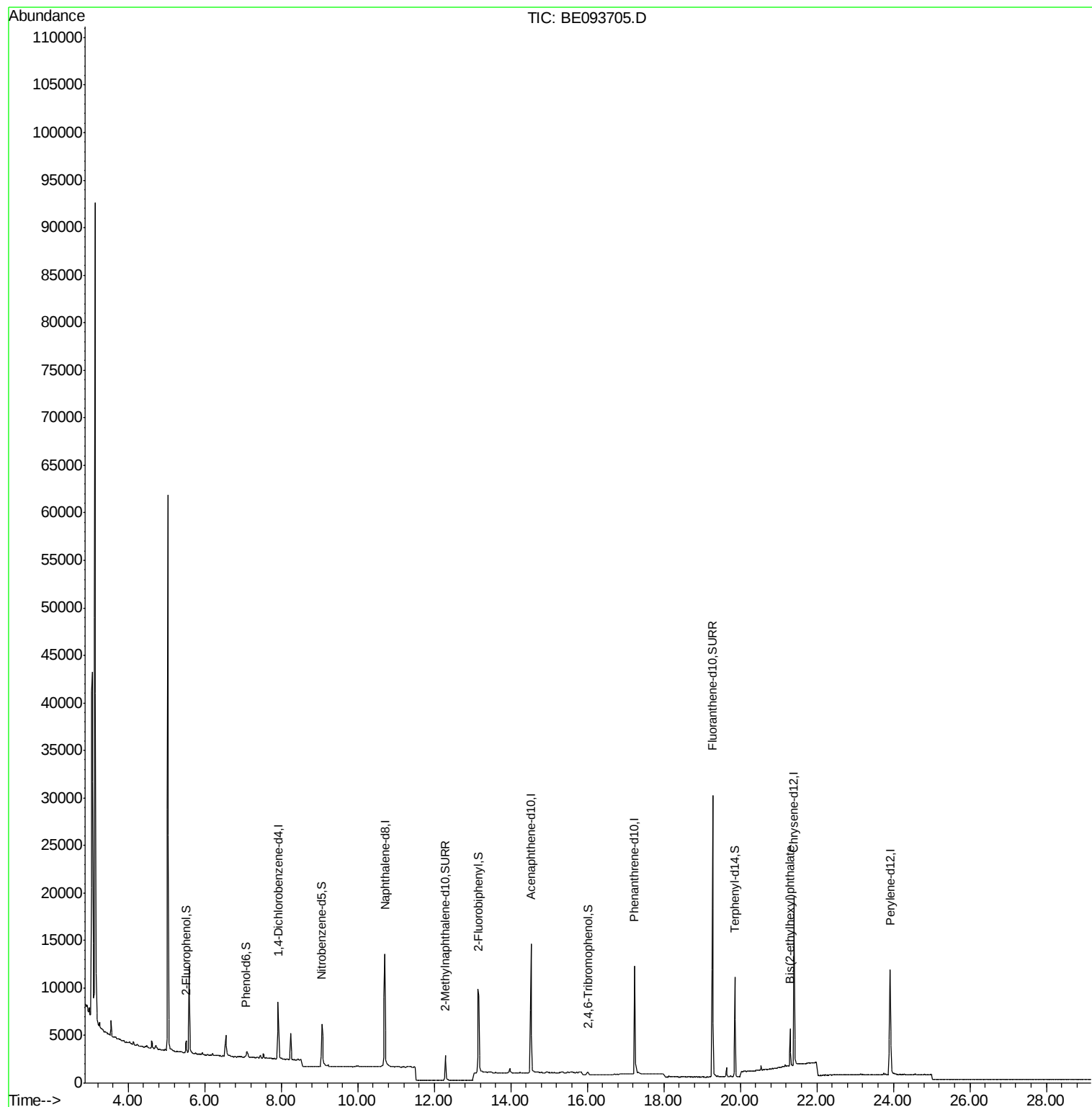
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2965	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14788	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8263	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	18743	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19517	0.40	ng	0.00
34) Perylene-d12	23.91	264	17276	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	813	0.08	ng	0.00
5) Phenol-d6	7.09	99	715	0.05	ng	0.00
8) Nitrobenzene-d5	9.06	82	2116	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4225	0.18	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	313	0.14	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	10888	0.33	ng	0.01
25) Fluoranthene-d10	19.28	212	40551	0.19	ng	0.00
29) Terphenyl-d14	19.86	244	8857	0.25	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.31	149	4441	0.033	ng	98

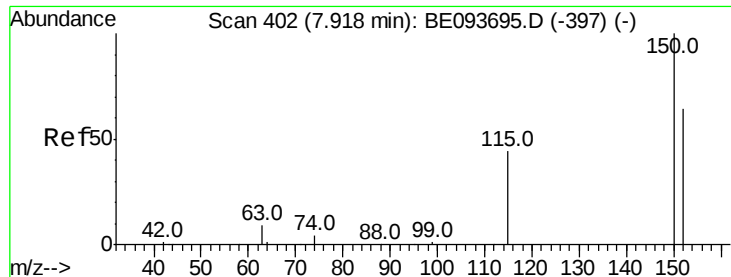
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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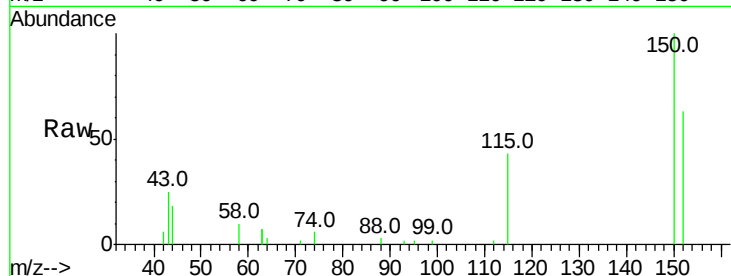


#1

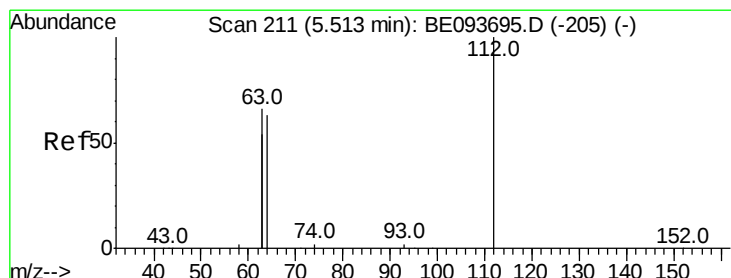
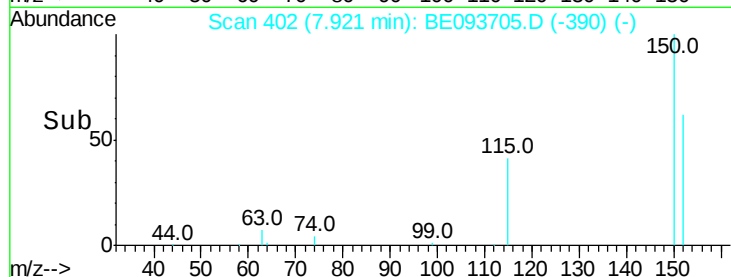
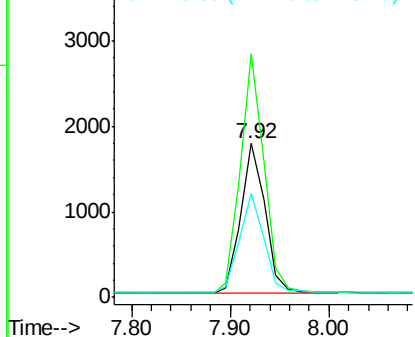
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093705.D
Acq: 7 Aug 2017 17:34

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170727

Tot Ion:152 Resp: 2965
Ion Ratio Lower Upper
152 100
150 158.5 125.1 187.7
115 67.5 55.7 83.5



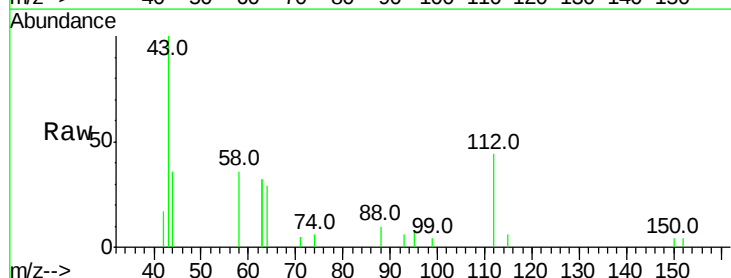
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



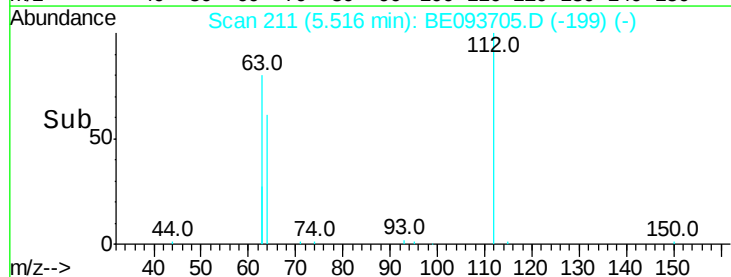
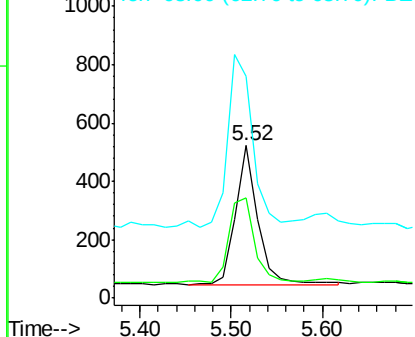
#4

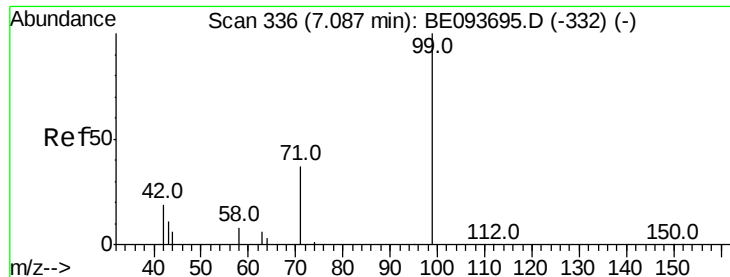
2-Fluorophenol
Concen: 0.085 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093705.D
Acq: 7 Aug 2017 17:34

Tgt Ion:112 Resp: 813
Ion Ratio Lower Upper
112 100
64 70.1 56.4 84.6
63 140.8 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: 0.049 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170727

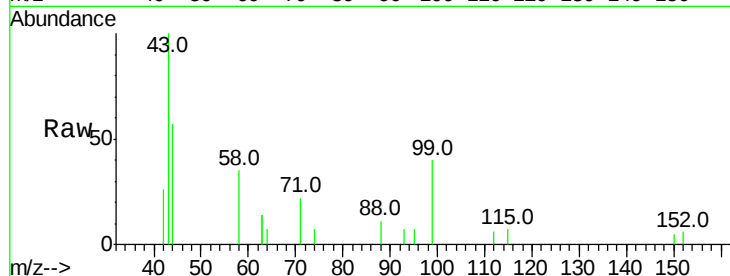
Tot Ion: 99 Resp: 715

Ion Ratio Lower Upper

99 100

42 24.9 0.0 0.0#

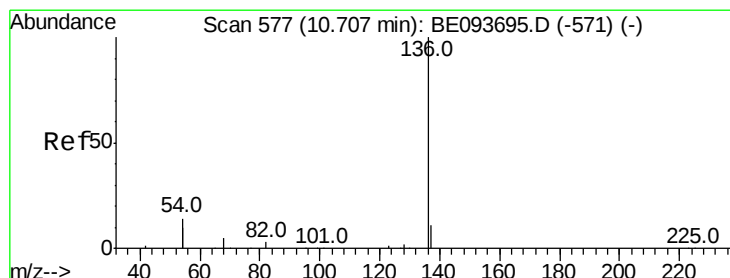
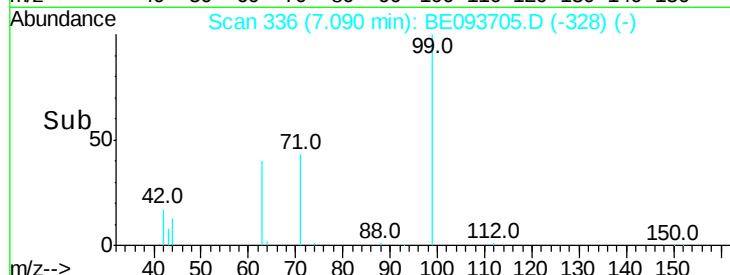
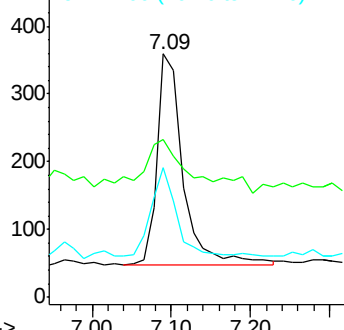
71 39.6 0.0 0.0#



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: BE093705.D

Acq: 7 Aug 2017 17:34

Tgt Ion: 136 Resp: 14788

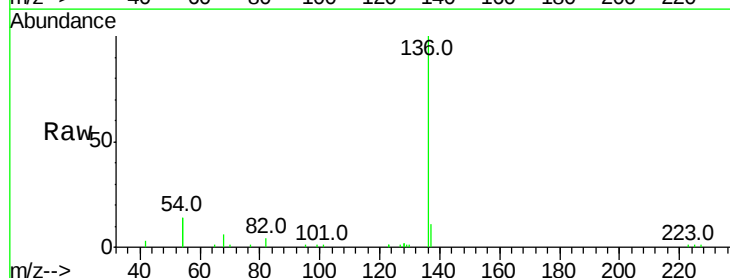
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 28.8 10.3 15.5#

68 5.8 9.0 13.4#

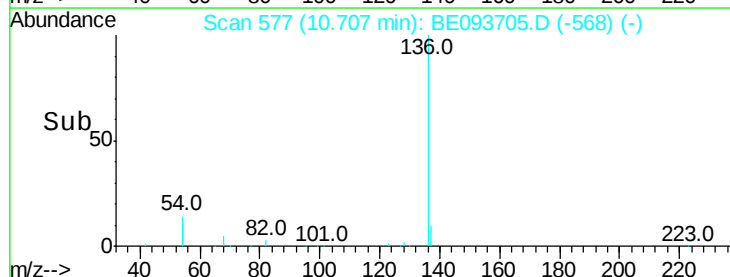
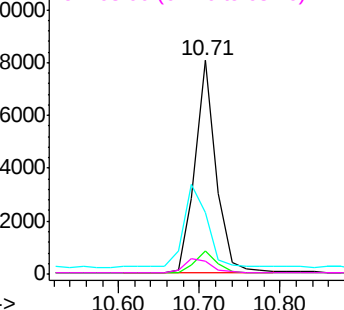


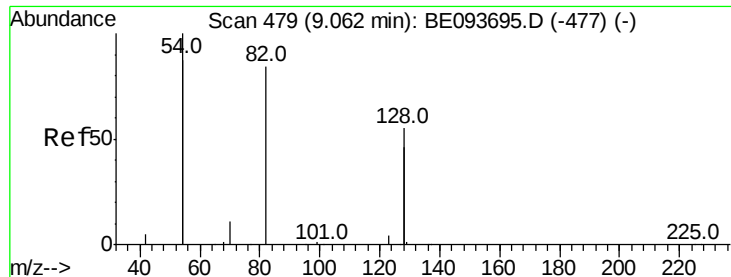
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.167 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170727

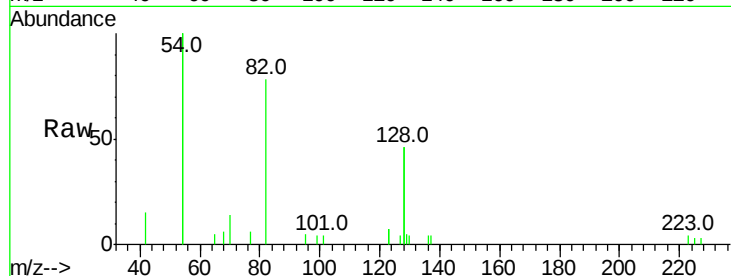
Tot Ion: 82 Resp: 2116

Ion Ratio Lower Upper

82 100

128 116.6 17.0 25.4#

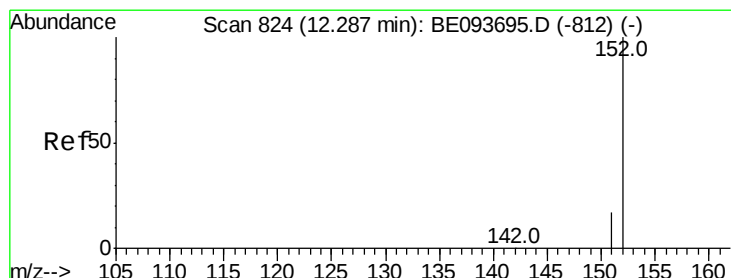
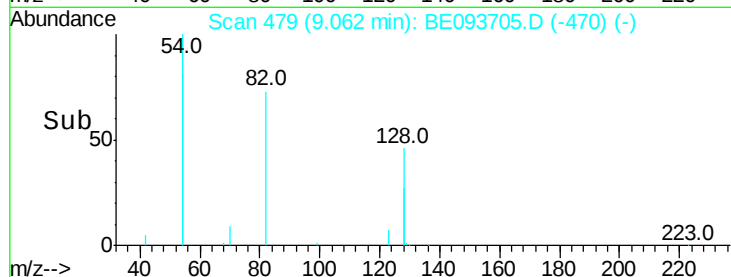
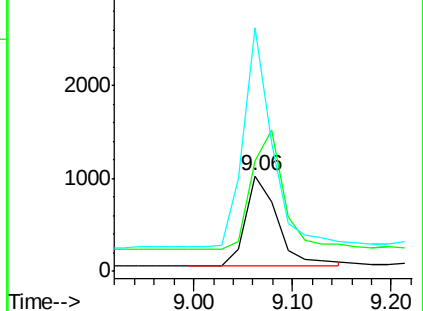
54 255.9 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093705.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093705.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093705.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.178 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093705.D

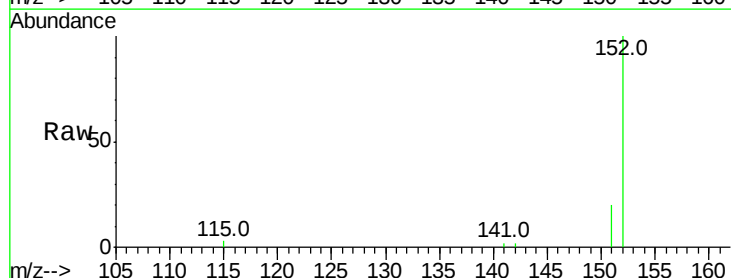
Acq: 7 Aug 2017 17:34

Tgt Ion: 152 Resp: 4225

Ion Ratio Lower Upper

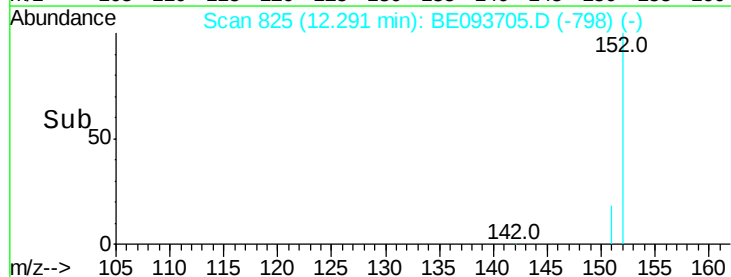
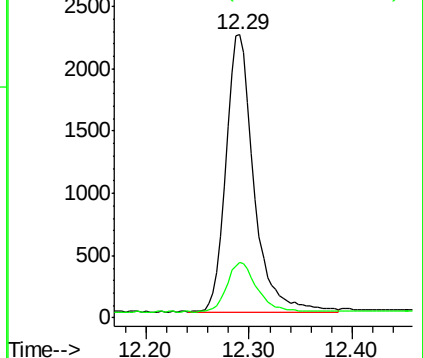
152 100

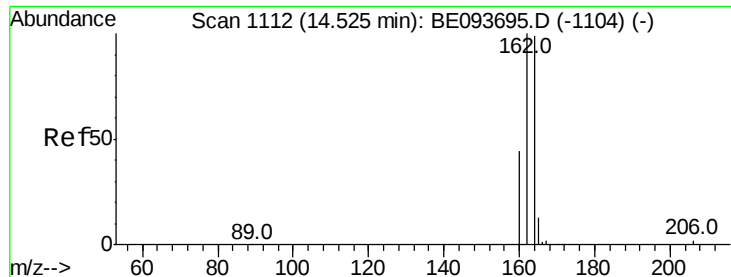
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093705.D (-798) (-)

Ion 151.00 (150.70 to 151.70): BE093705.D (-798) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170727

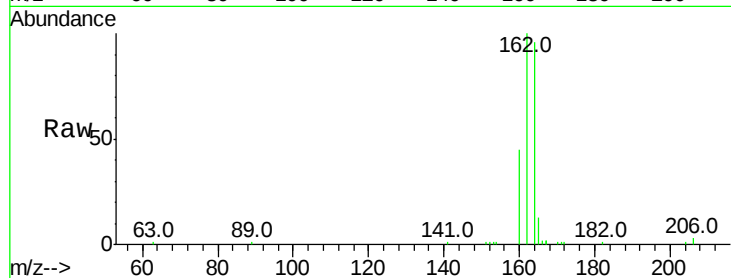
Tot Ion:164 Resp: 8263

Ion Ratio Lower Upper

164 100

162 104.4 84.6 127.0

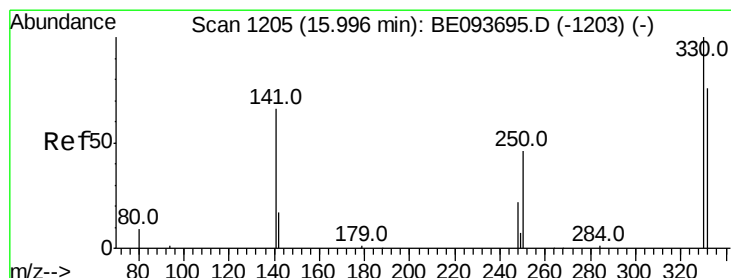
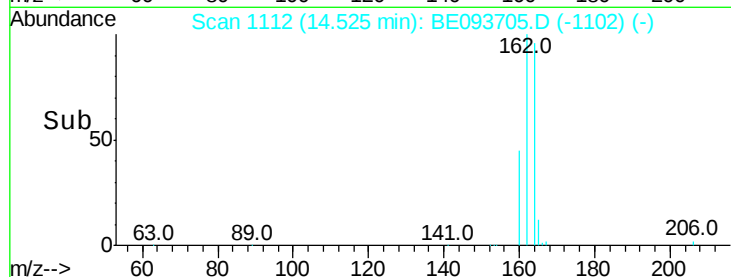
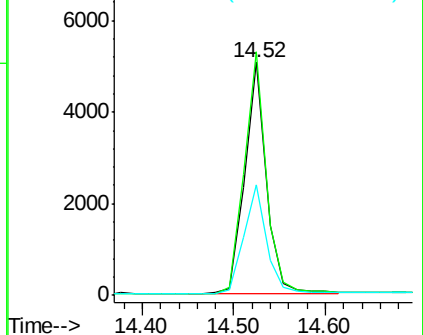
160 47.2 41.8 62.6



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: 0.138 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

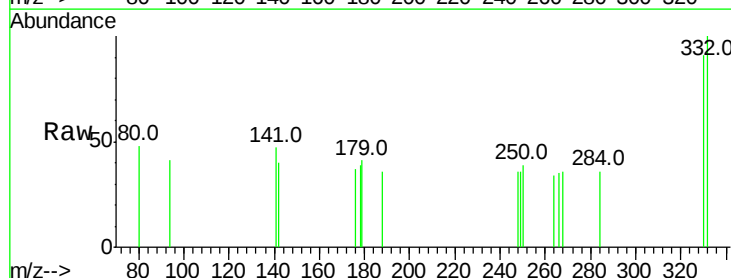
Tgt Ion:330 Resp: 313

Ion Ratio Lower Upper

330 100

332 94.9 77.7 116.5

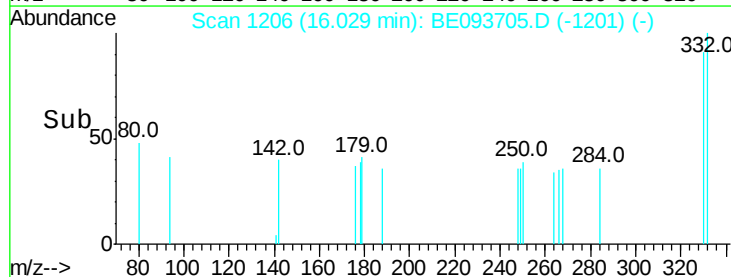
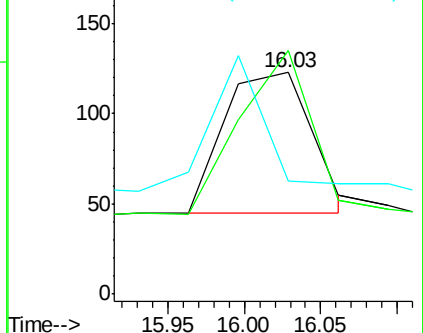
141 0.0 56.2 84.4#

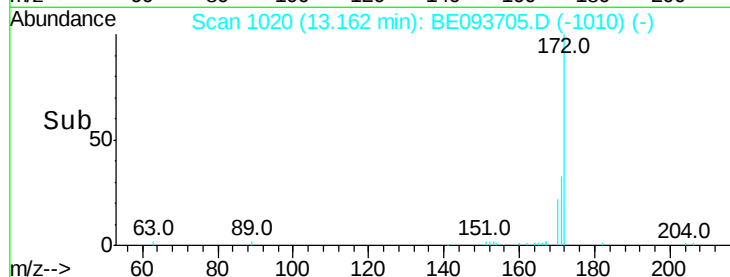
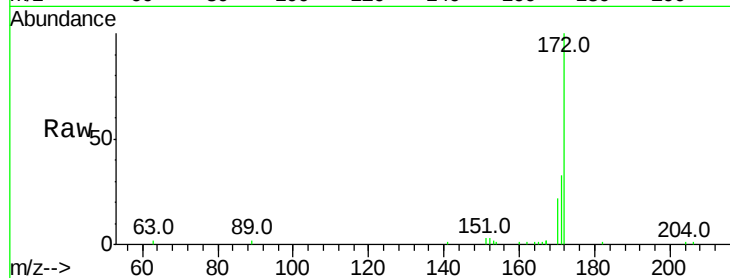
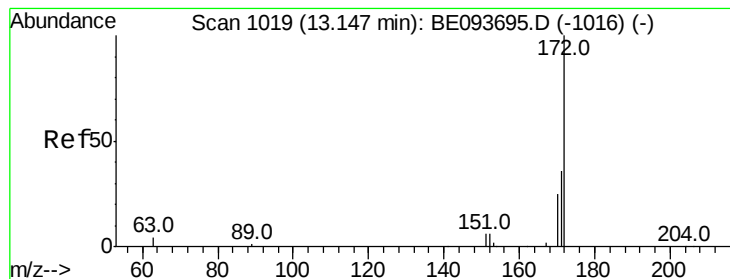


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.334 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170727

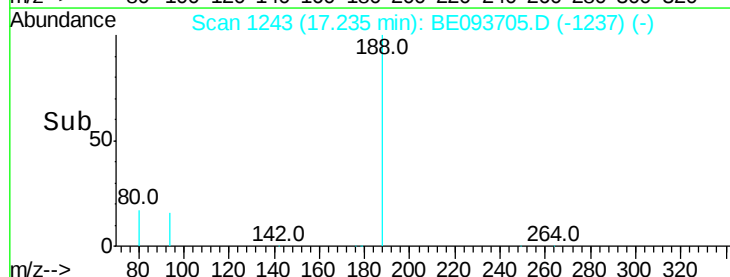
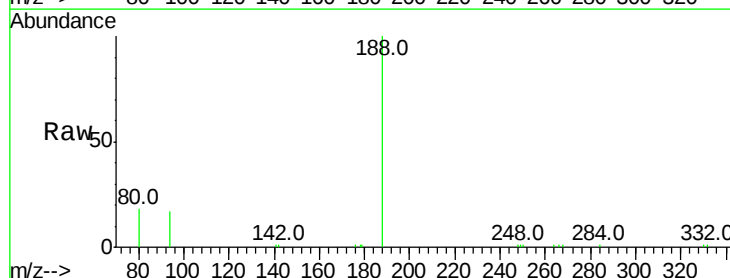
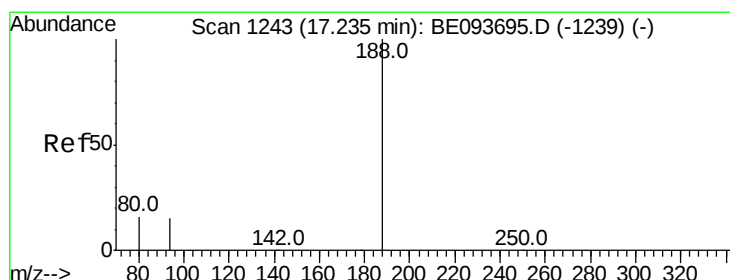
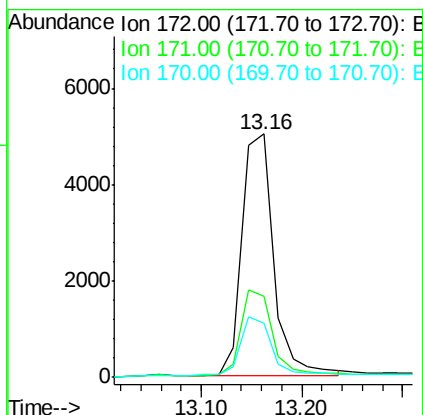
Tot Ion:172 Resp: 10888

Ion Ratio Lower Upper

172 100

171 33.5 29.8 44.6

170 22.0 20.7 31.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

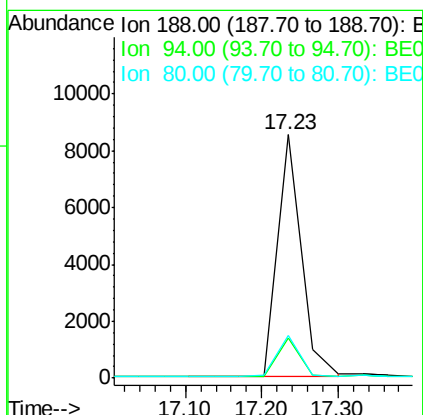
Tgt Ion:188 Resp: 18743

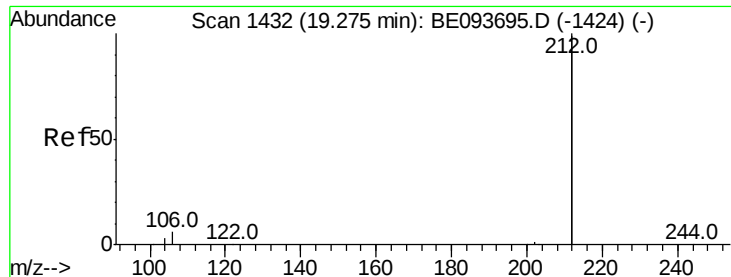
Ion Ratio Lower Upper

188 100

94 16.6 11.3 16.9

80 17.6 11.7 17.5#

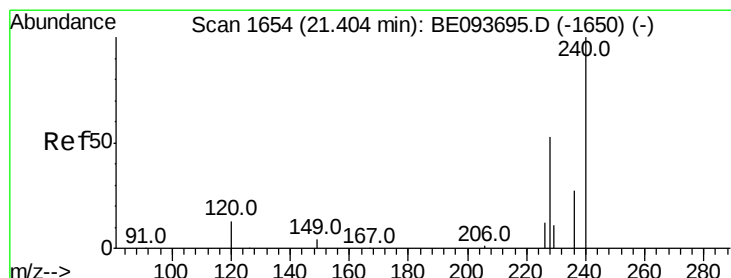
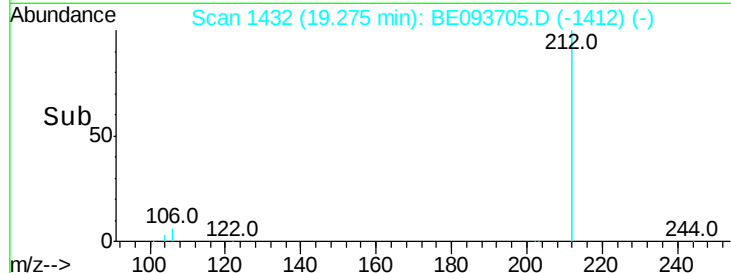
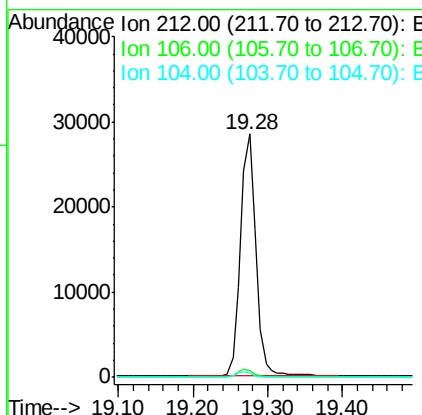
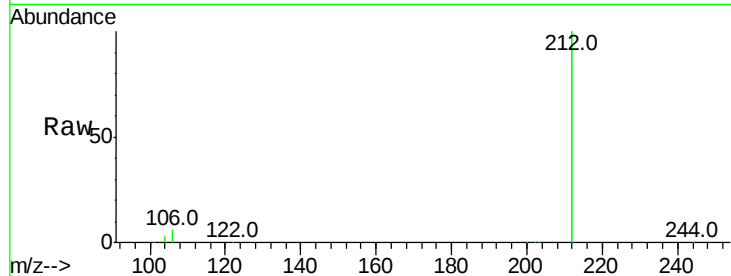




#25
 Fluoranthene-d10
 Concen: 0.190 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093705.D
 Acq: 7 Aug 2017 17:34

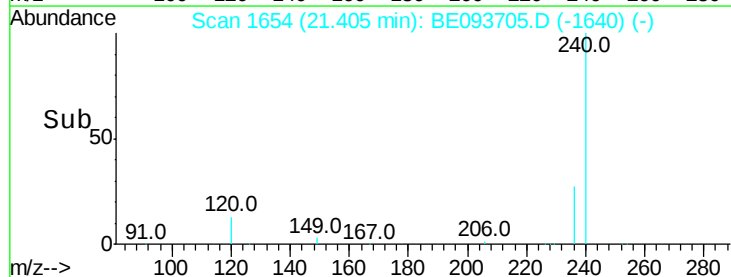
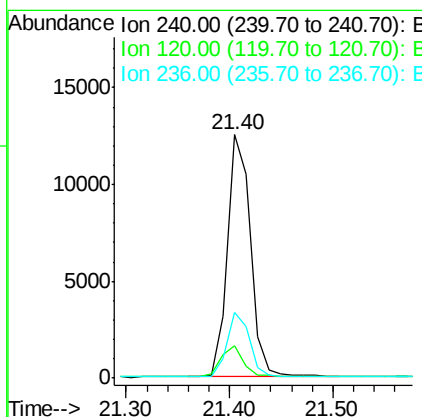
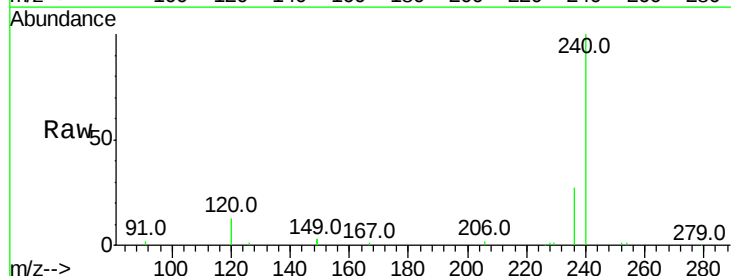
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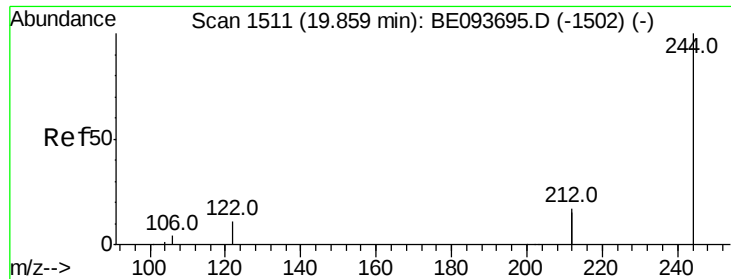
Tot Ion:212 Resp: 40551
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE093705.D
 Acq: 7 Aug 2017 17:34

Tgt Ion:240 Resp: 19517
 Ion Ratio Lower Upper
 240 100
 120 13.2 4.6 7.0#
 236 27.1 20.8 31.2





#29

Terphenyl-d14

Concen: 0.255 ng

RT: 19.86 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170727

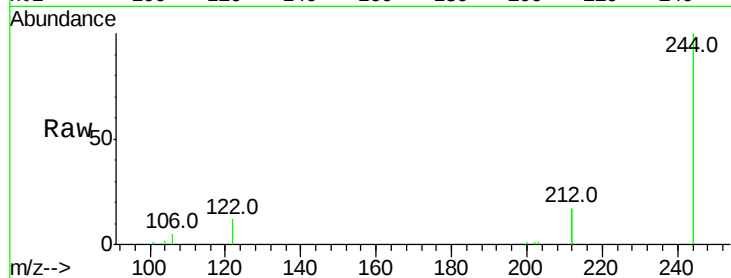
Tot Ion:244 Resp: 8857

Ion Ratio Lower Upper

244 100

212 34.0 10.6 16.0#

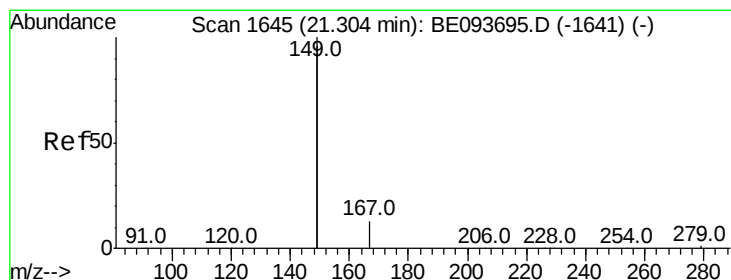
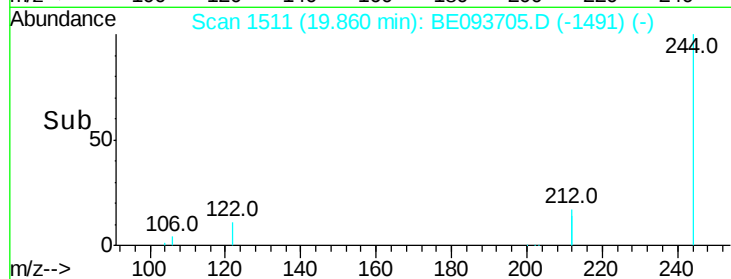
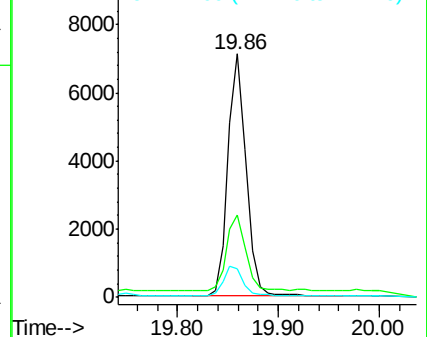
122 11.7 15.4 23.0#



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: 21.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

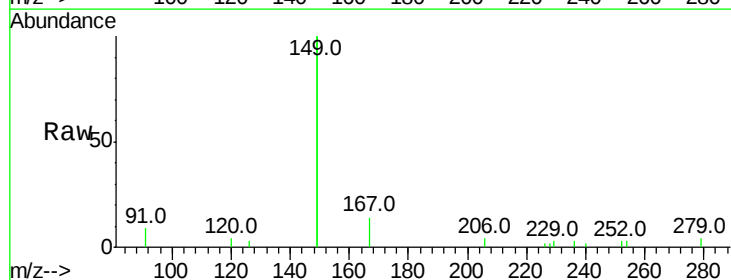
Tgt Ion:149 Resp: 4441

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

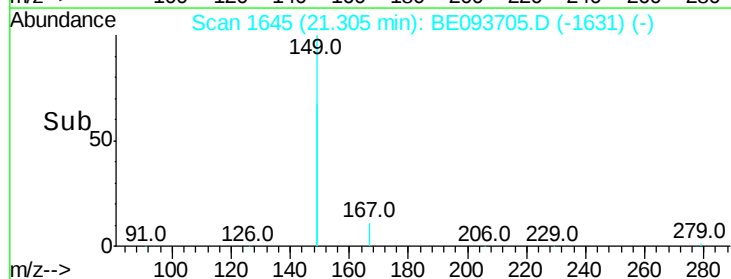
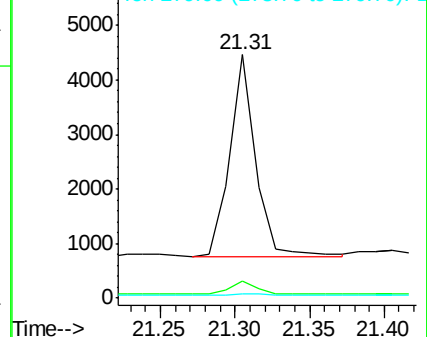
279 1.0 0.8 1.2

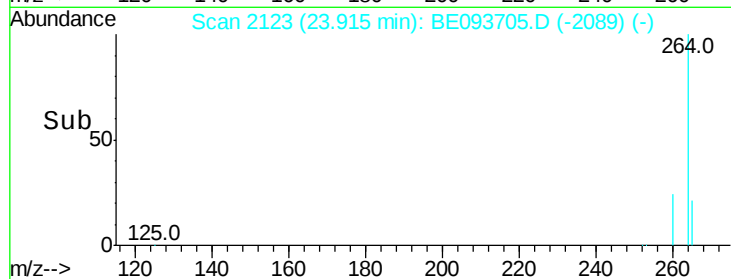
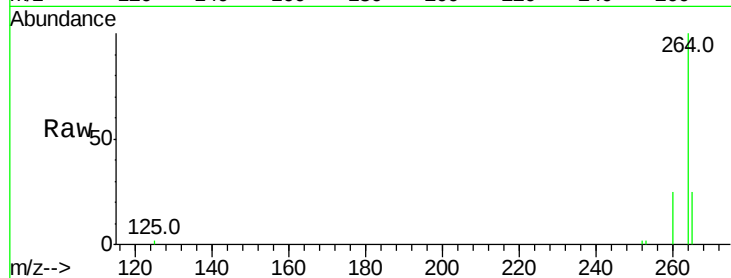
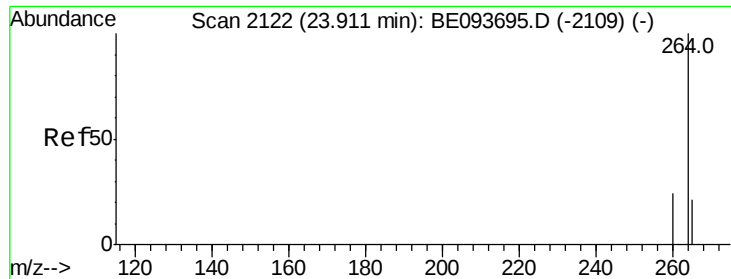


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE093705.D

Acq: 7 Aug 2017 17:34

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170727

Tot Ion:264 Resp: 17276

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

265 25.2 24.6 36.8

