

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093703.D
 Acq On : 7 Aug 2017 16:19
 Operator : SJ/JU
 Sample : I4509-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170727

Quant Time: Aug 08 00:58:27 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

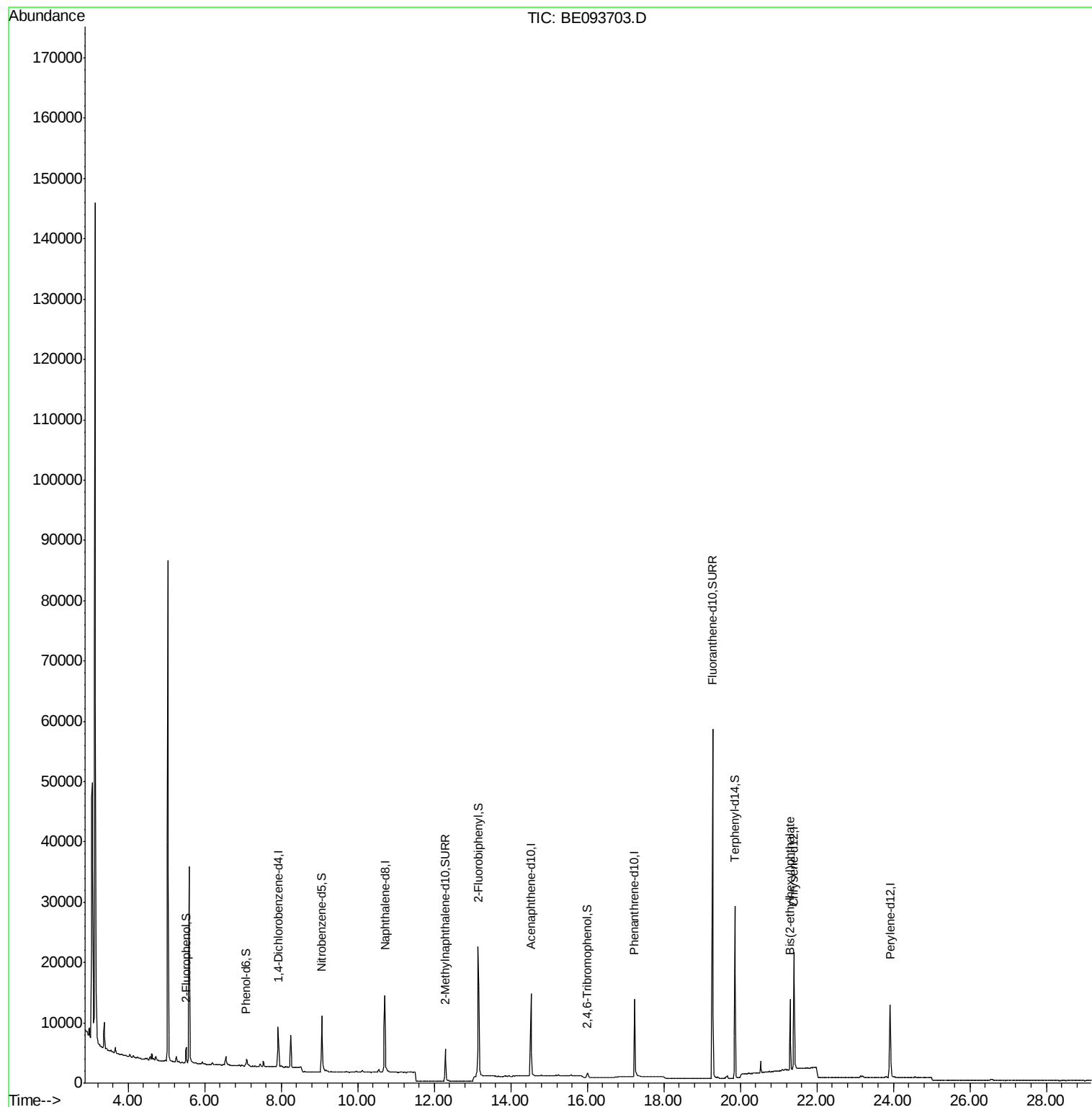
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3133	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15500	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8547	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	21143	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21150	0.40	ng	0.00
34) Perylene-d12	23.92	264	18626	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1501	0.15	ng	0.00
5) Phenol-d6	7.09	99	1427	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	4288	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8200	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	684	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	23081	0.68	ng	0.00
25) Fluoranthene-d10	19.28	212	80292	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	24028	0.64	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.30	149	12837	0.089	ng	99

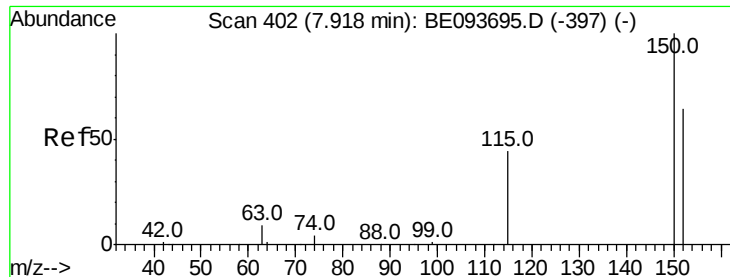
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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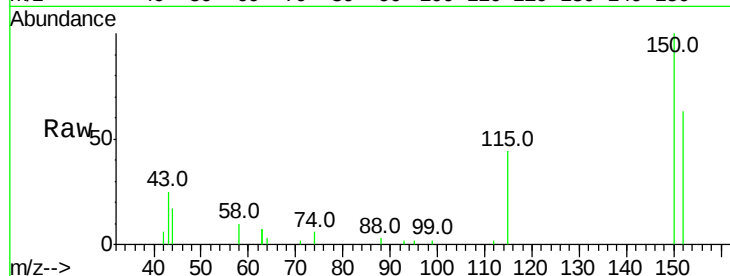


#1

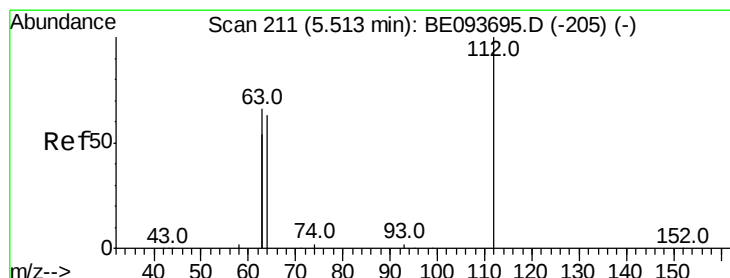
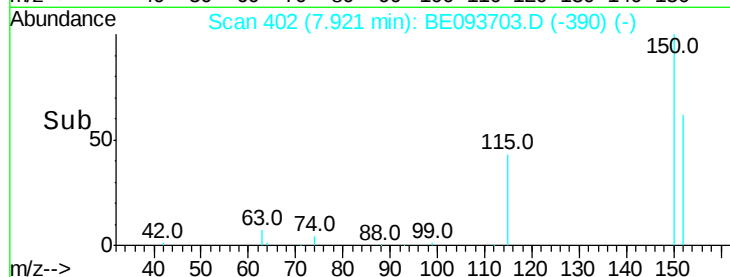
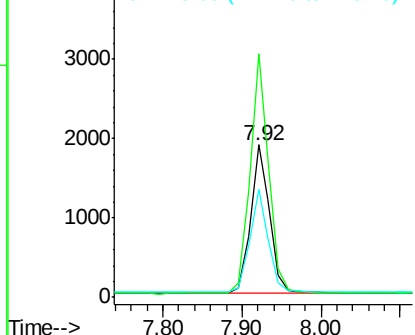
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170727

Tot Ion:152 Resp: 3133
Ion Ratio Lower Upper
152 100
150 159.5 125.1 187.7
115 70.9 55.7 83.5



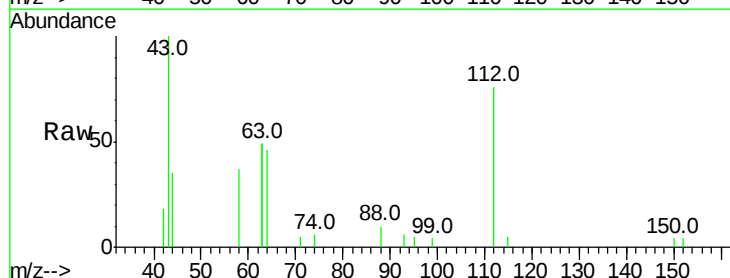
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



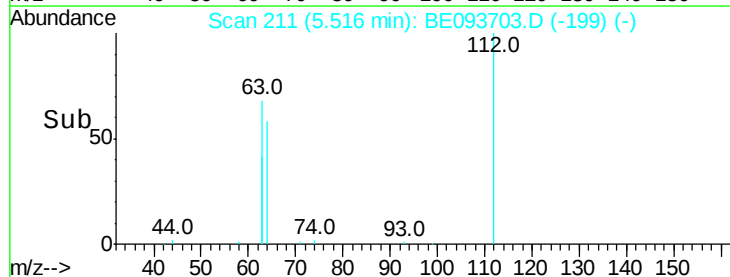
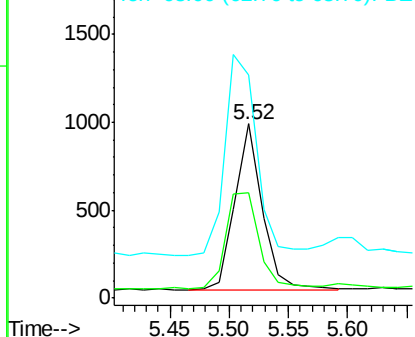
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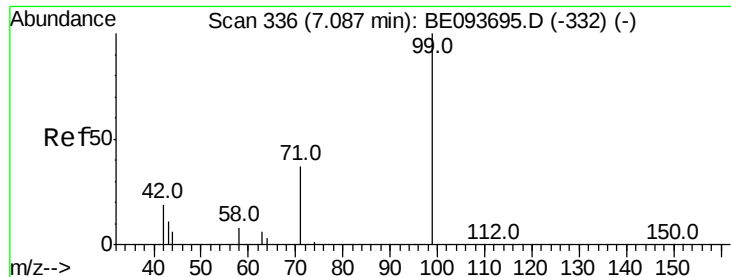
2-Fluorophenol
Concen: 0.148 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

Tgt Ion:112 Resp: 1501
Ion Ratio Lower Upper
112 100
64 72.5 56.4 84.6
63 142.2 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: 0.092 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

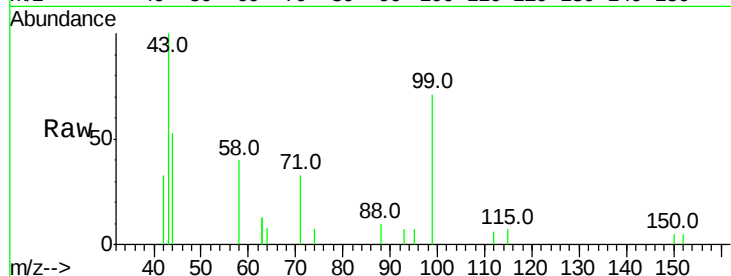
Tot Ion: 99 Resp: 1427

Ion Ratio Lower Upper

99 100

42 25.5 0.0 0.0#

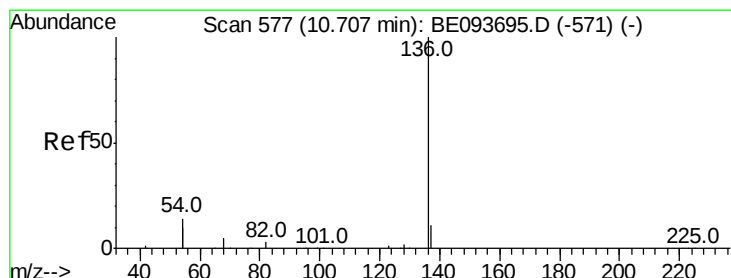
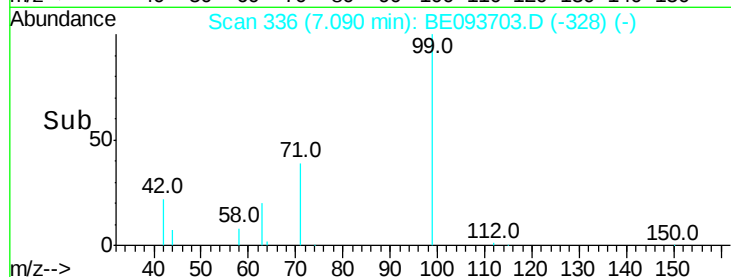
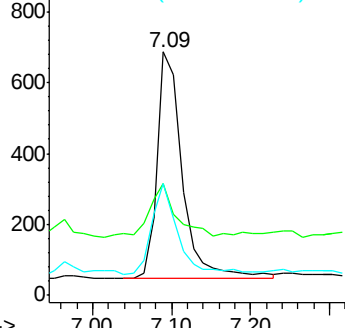
71 41.1 0.0 0.0#



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: BE093703.D

Acq: 7 Aug 2017 16:19

Tgt Ion: 136 Resp: 15500

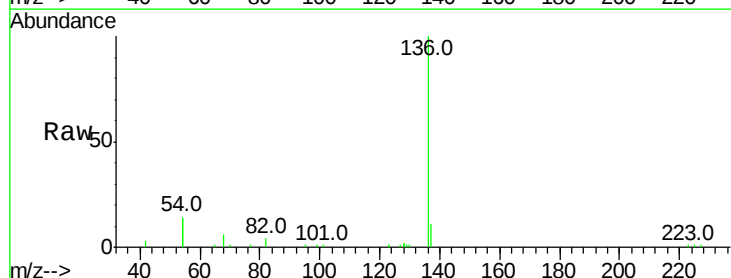
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 28.8 10.3 15.5#

68 6.1 9.0 13.4#

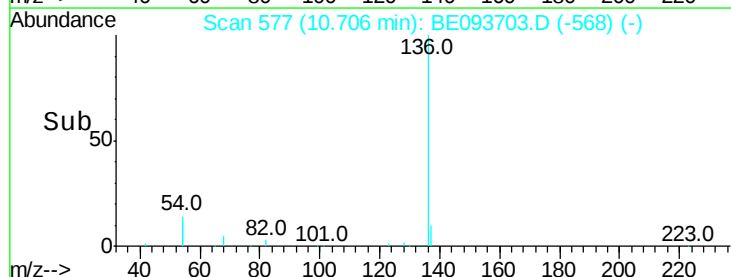
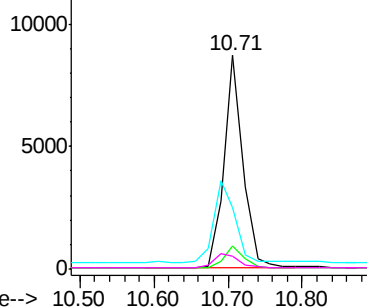


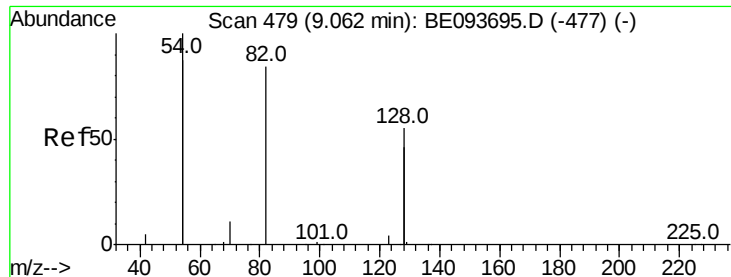
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

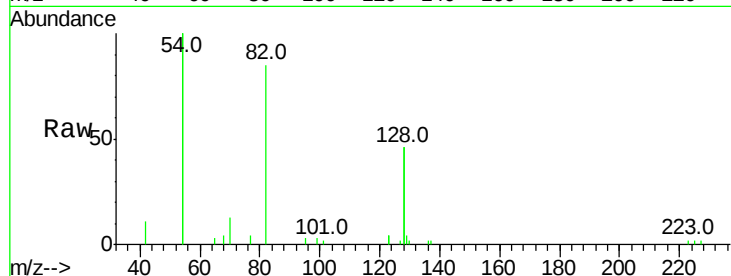
Tot Ion: 82 Resp: 4288

Ion Ratio Lower Upper

82 100

128 108.2 17.0 25.4#

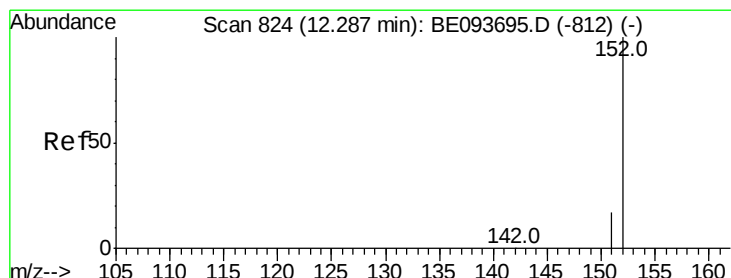
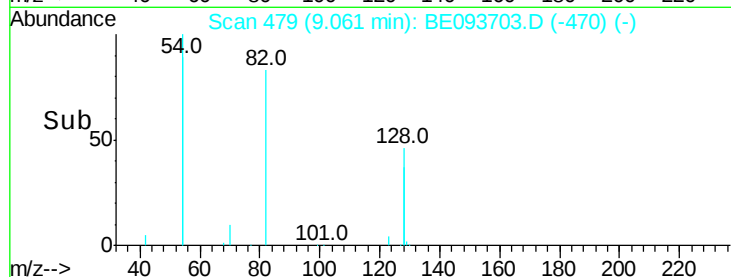
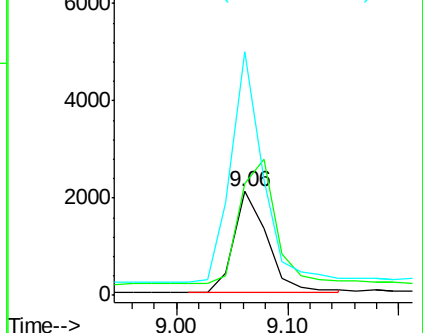
54 234.5 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093703.D (-470) (-)

Ion 128.00 (127.70 to 128.70): BE093703.D (-470) (-)

Ion 54.00 (53.70 to 54.70): BE093703.D (-470) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093703.D

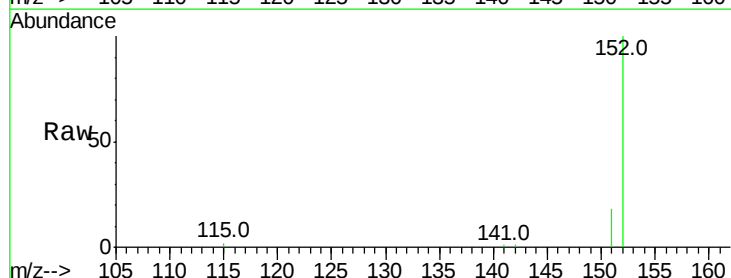
Acq: 7 Aug 2017 16:19

Tgt Ion: 152 Resp: 8200

Ion Ratio Lower Upper

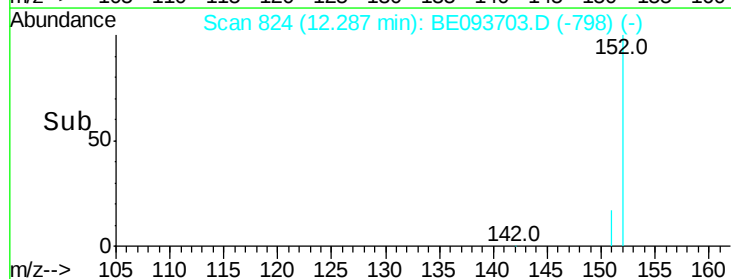
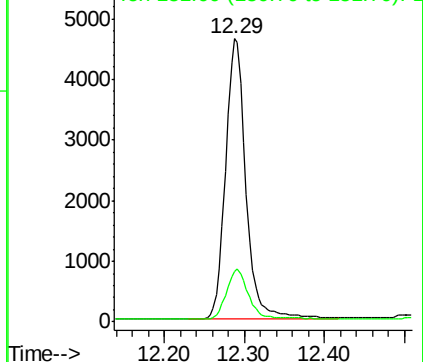
152 100

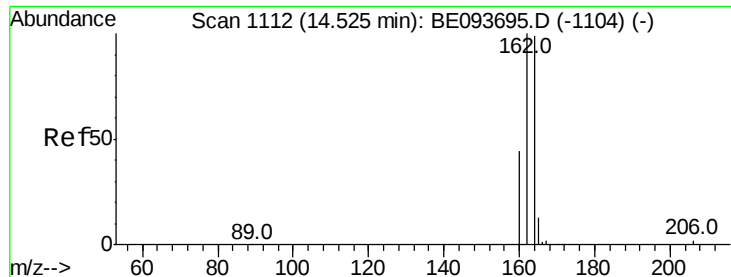
151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093703.D (-798) (-)

Ion 151.00 (150.70 to 151.70): BE093703.D (-798) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

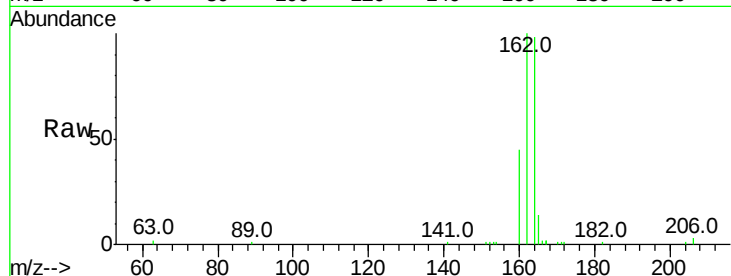
Tot Ion:164 Resp: 8547

Ion Ratio Lower Upper

164 100

162 102.1 84.6 127.0

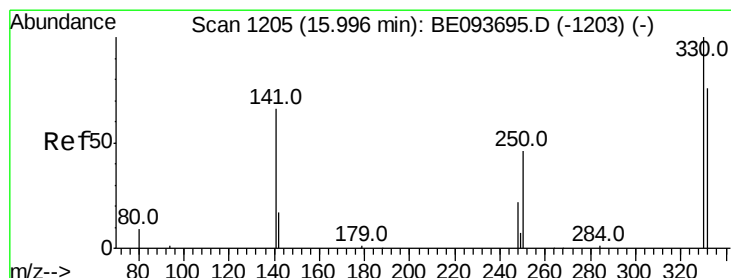
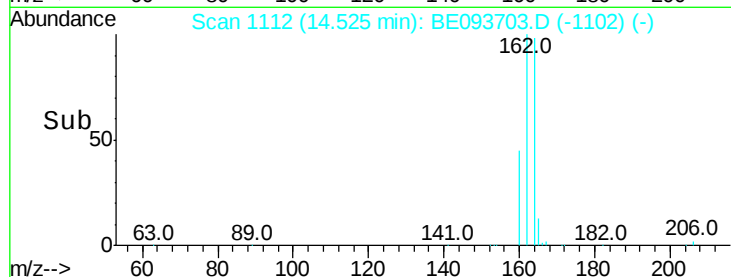
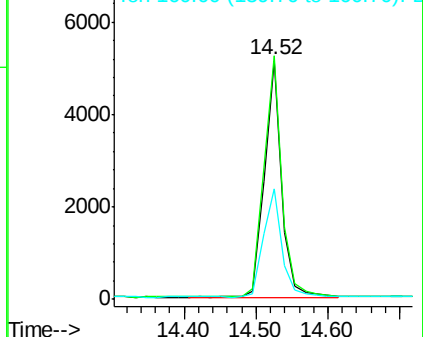
160 46.4 41.8 62.6



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: 0.292 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

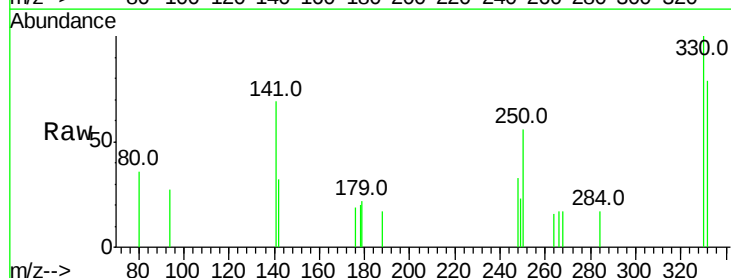
Tgt Ion:330 Resp: 684

Ion Ratio Lower Upper

330 100

332 90.4 77.7 116.5

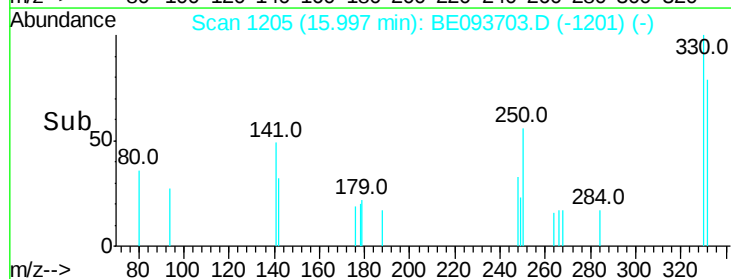
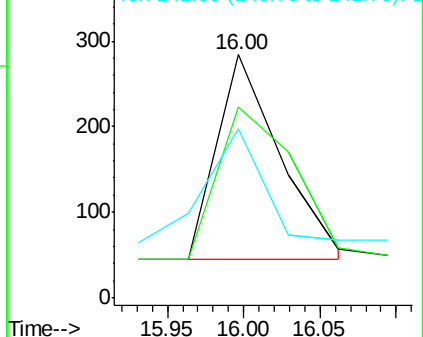
141 51.8 56.2 84.4#

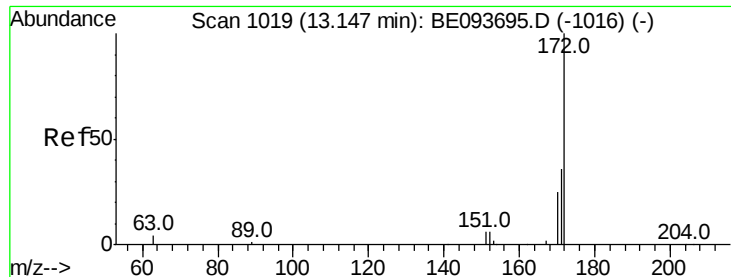


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

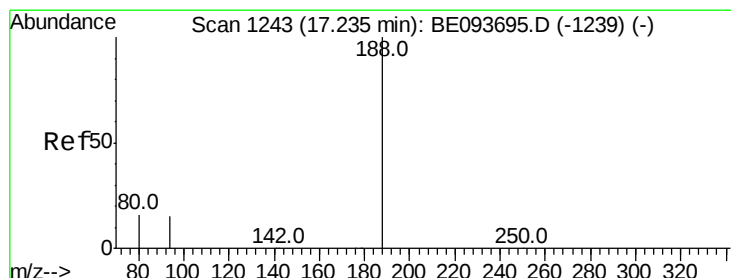
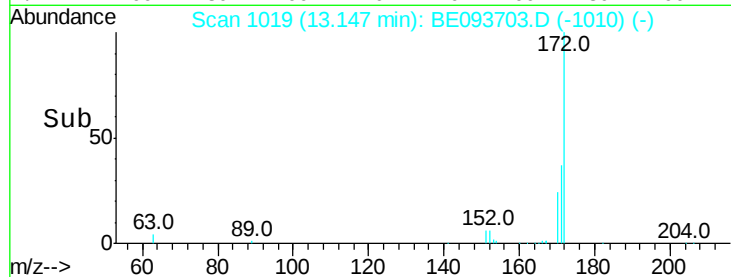
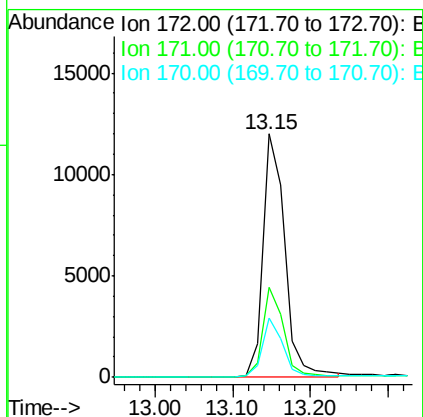
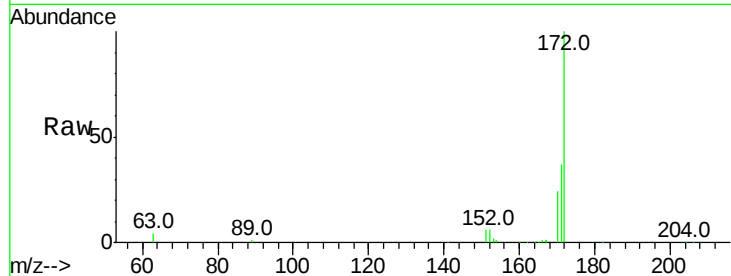




#15
2-Fluorobiphenyl
Concen: 0.685 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

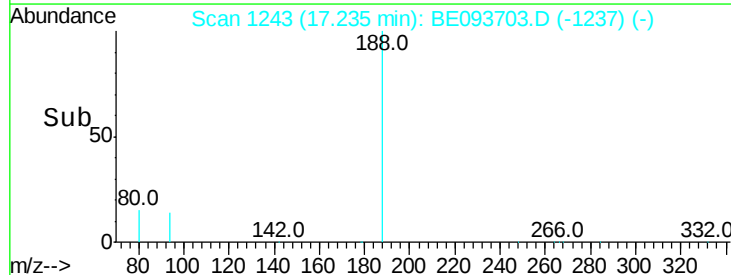
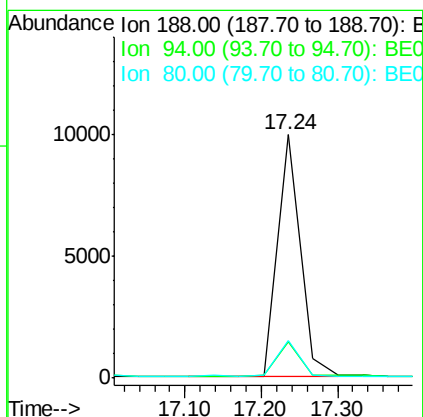
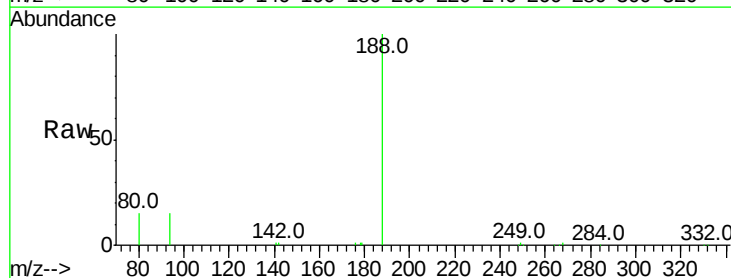
Instrument :
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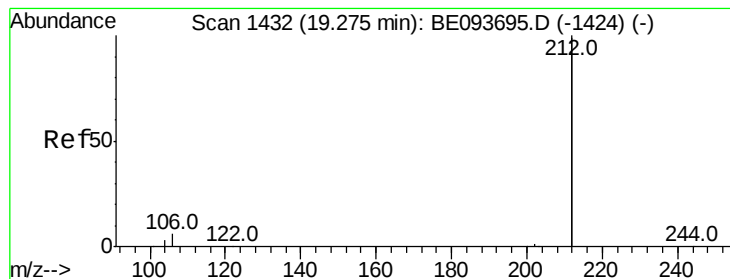
Tot Ion:172 Resp: 23081
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.4 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

Tgt Ion:188 Resp: 21143
Ion Ratio Lower Upper
188 100
94 14.6 11.3 16.9
80 15.5 11.7 17.5





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

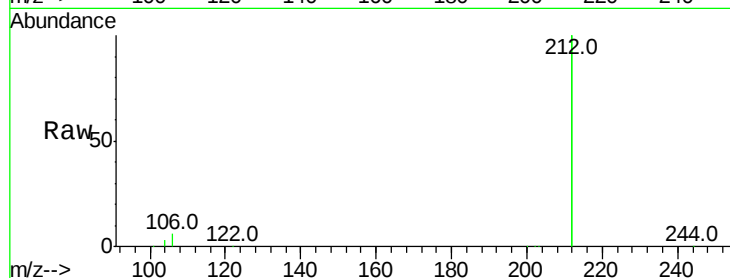
Tot Ion:212 Resp: 80292

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

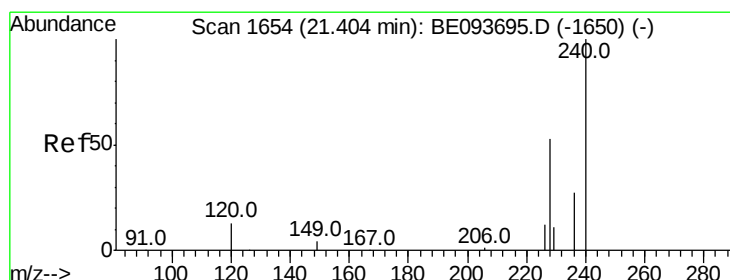
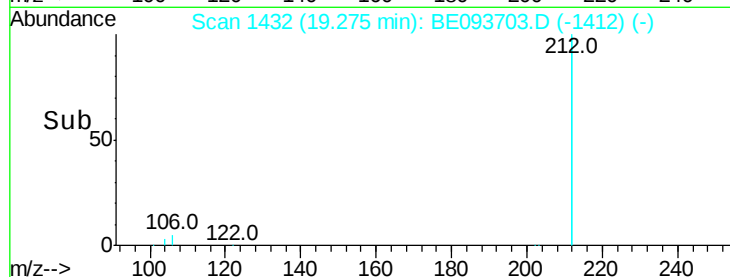
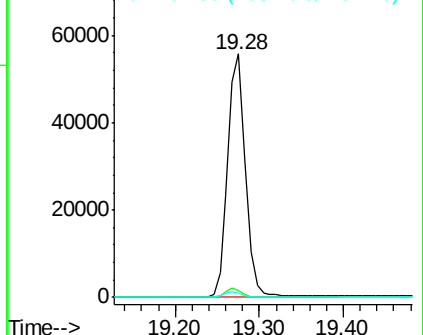
104 1.9 1.6 2.4



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: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

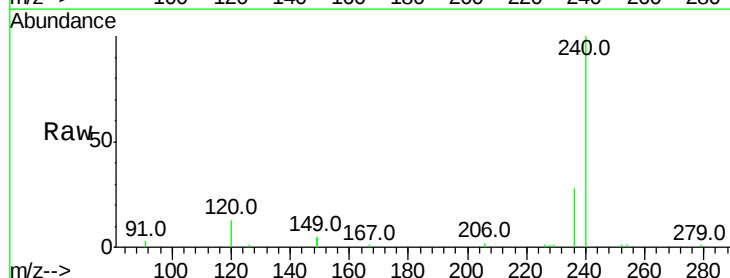
Tgt Ion:240 Resp: 21150

Ion Ratio Lower Upper

240 100

120 13.5 4.6 7.0#

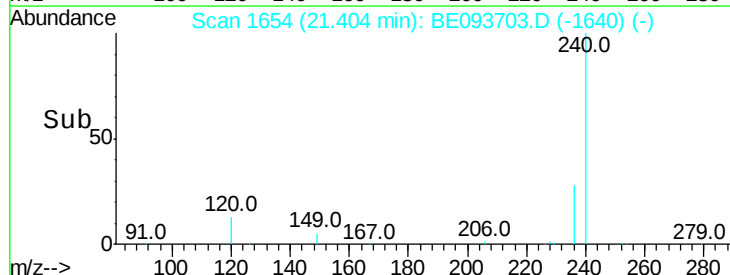
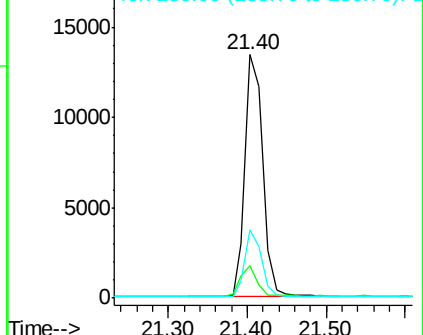
236 27.9 20.8 31.2

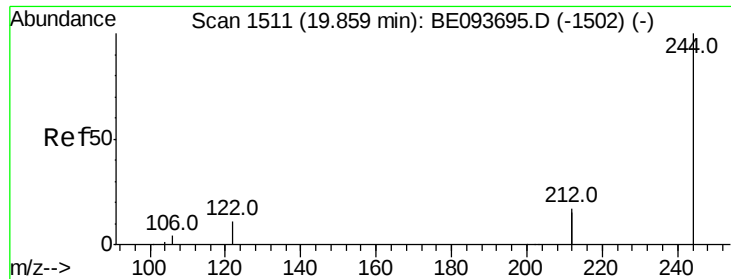


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.637 ng

RT: 19.86 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

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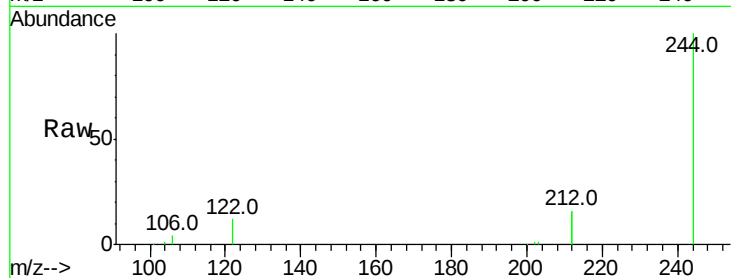
Tot Ion:244 Resp: 24028

Ion Ratio Lower Upper

244 100

212 32.8 10.6 16.0#

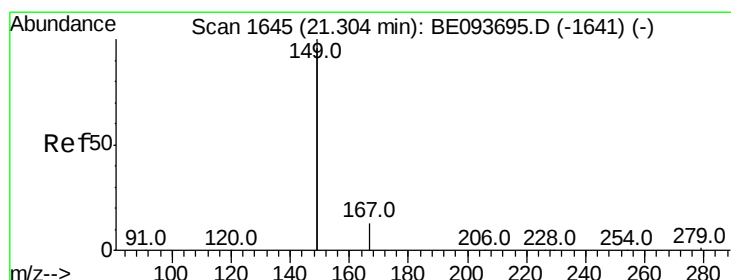
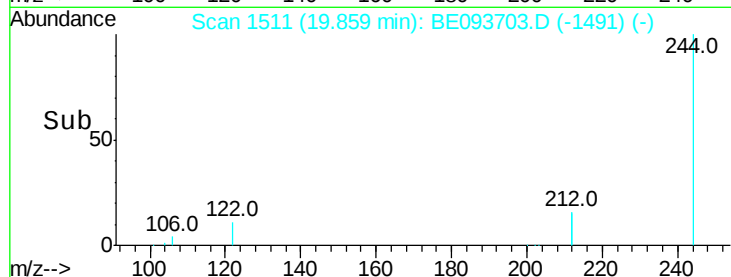
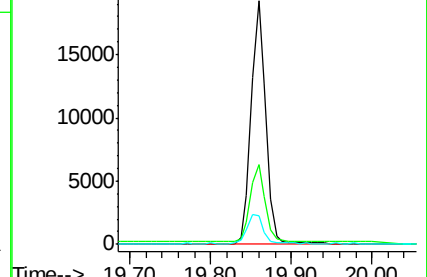
122 11.6 15.4 23.0#



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: 0.089 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

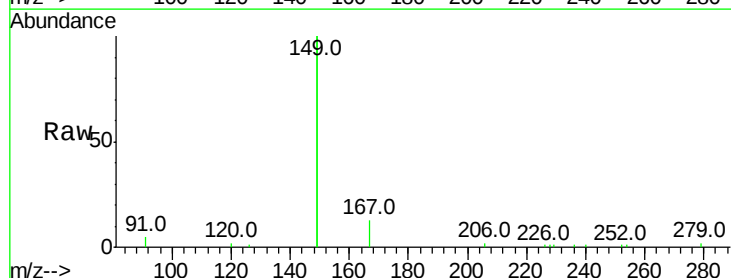
Tgt Ion:149 Resp: 12837

Ion Ratio Lower Upper

149 100

167 6.5 4.8 7.2

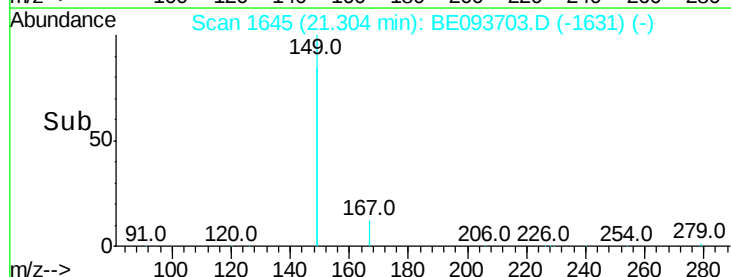
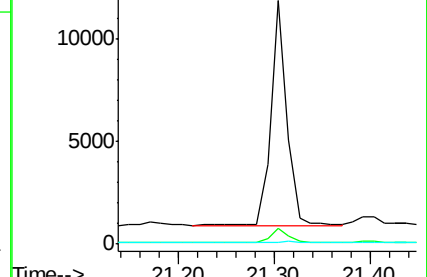
279 0.9 0.8 1.2

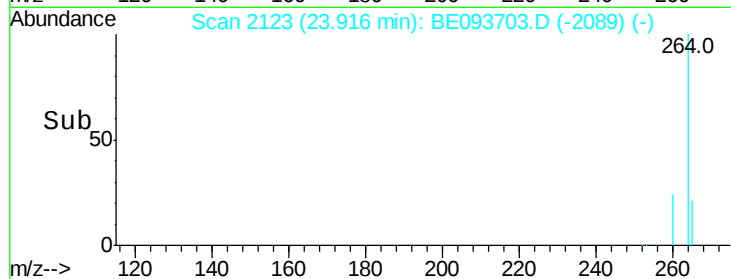
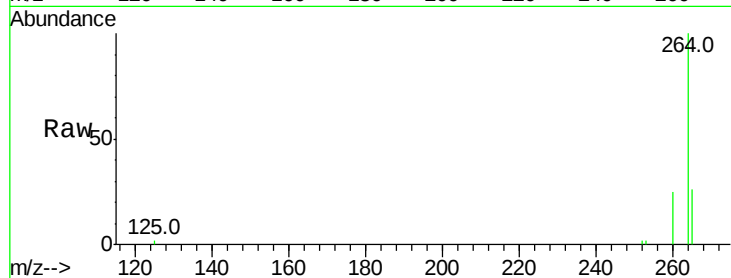
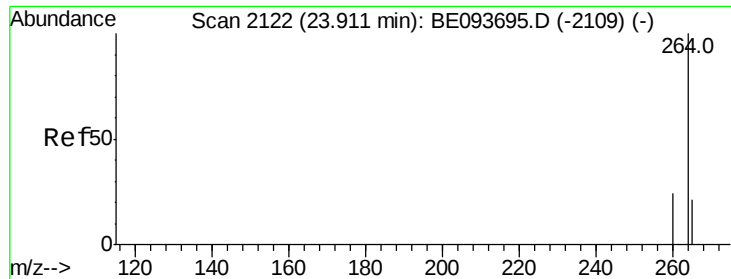


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

Tot Ion:264 Resp: 18626

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 25.8 24.6 36.8

