

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 00:46:51 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

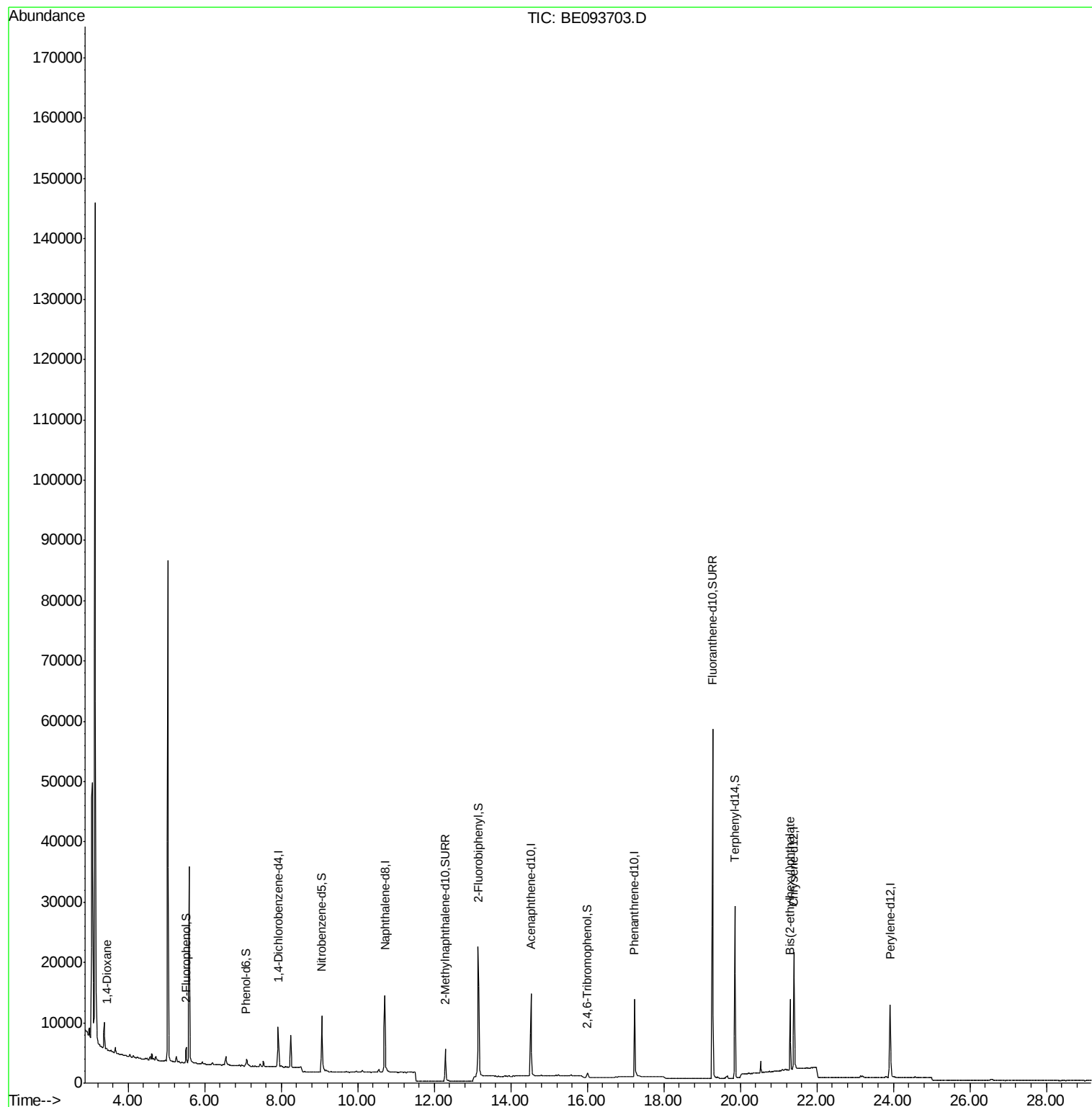
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3133	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15500	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8547	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	21143	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21150	0.40	ng	0.00
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						
2) 1,4-Dioxane	3.44	88	301	0.064	ng	Qvalue # 53
32) Bis(2-ethylhexyl)phthalate	21.30	149	12837	0.089	ng	99

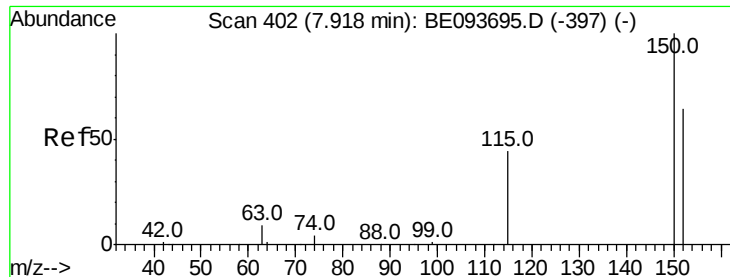
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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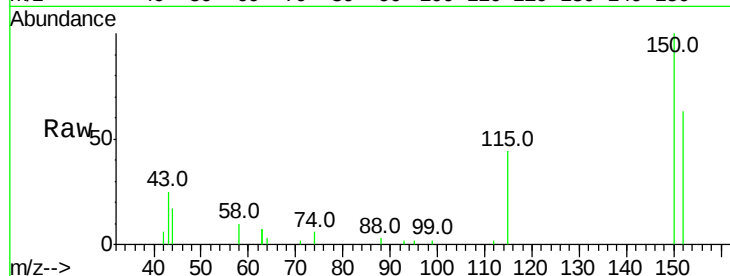


#1

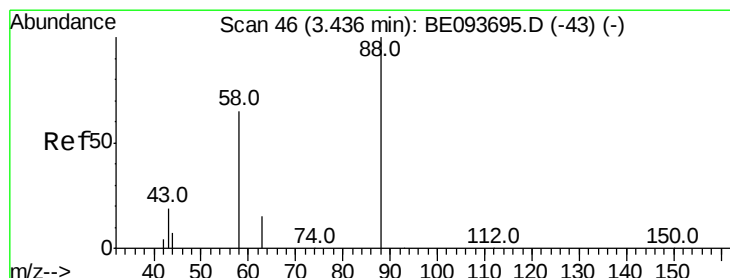
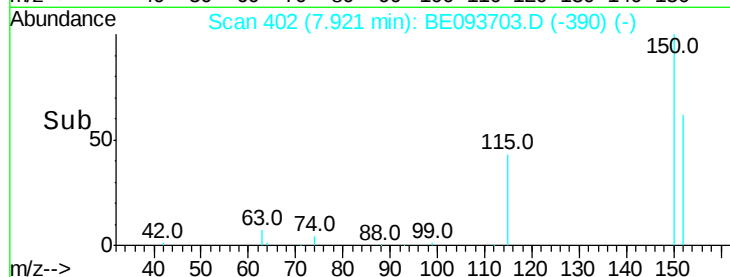
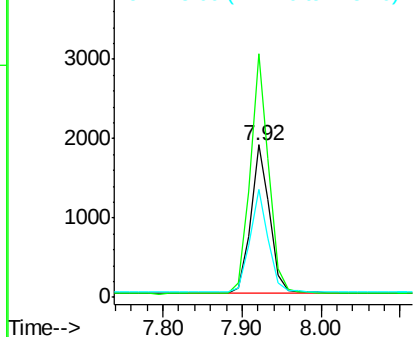
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

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



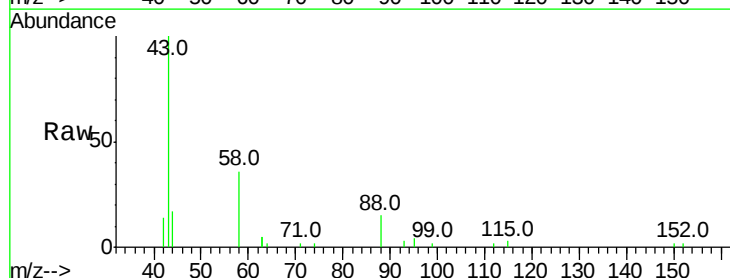
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



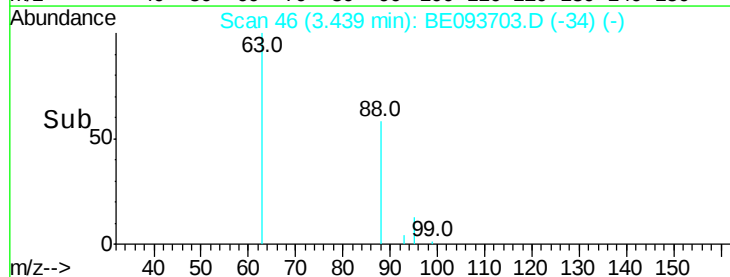
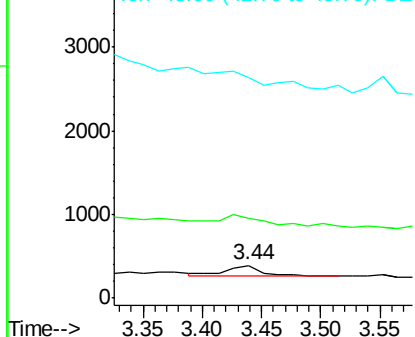
#2

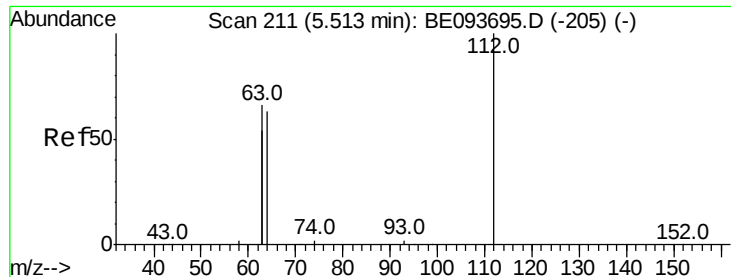
1,4-Dioxane
Concen: 0.064 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

Tgt Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
58 116.3 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: 0.148 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

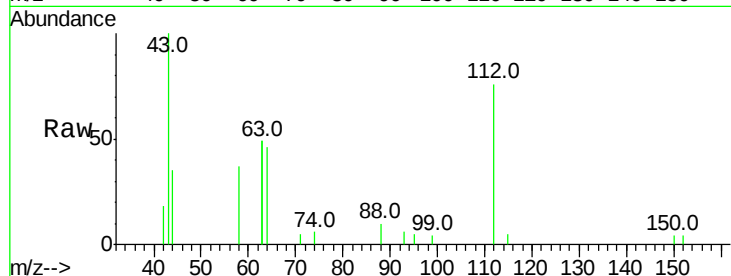
Tot Ion:112 Resp: 1501

Ion Ratio Lower Upper

112 100

64 72.5 56.4 84.6

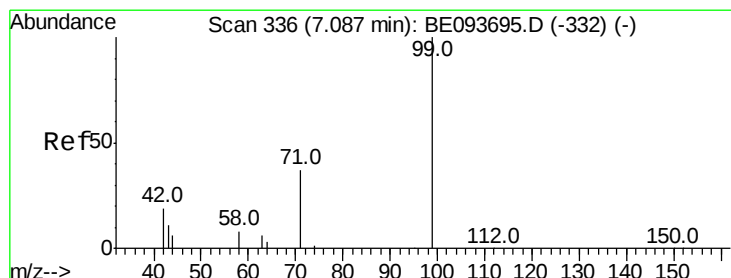
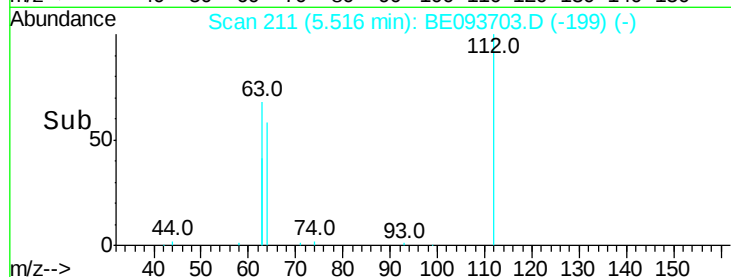
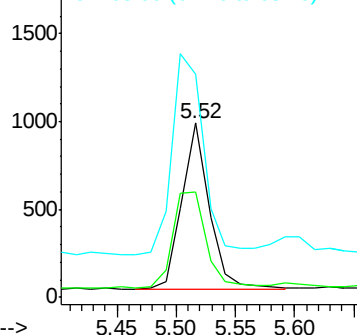
63 142.2 29.3 43.9#



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

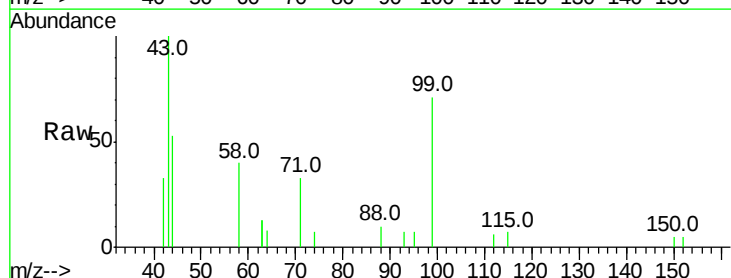
Tgt Ion: 99 Resp: 1427

Ion Ratio Lower Upper

99 100

42 25.5 0.0 0.0#

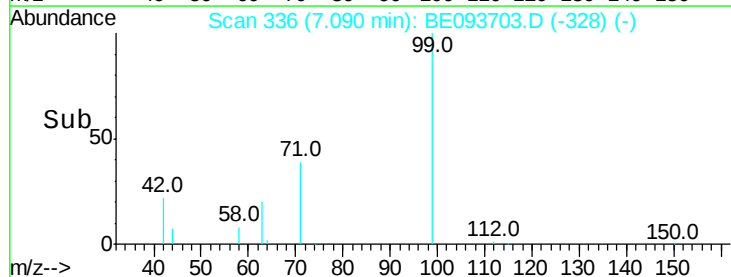
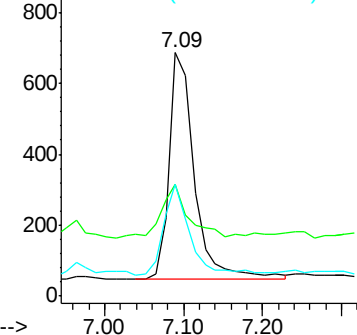
71 41.1 0.0 0.0#

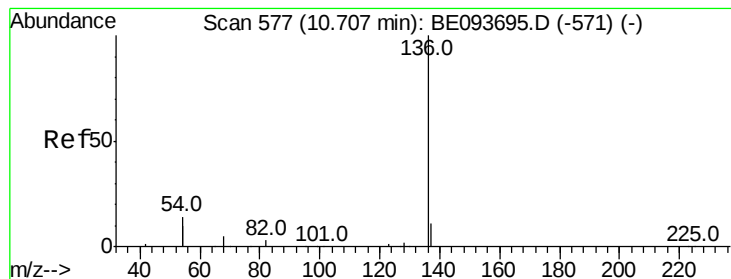


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

Tot Ion:136 Resp: 15500

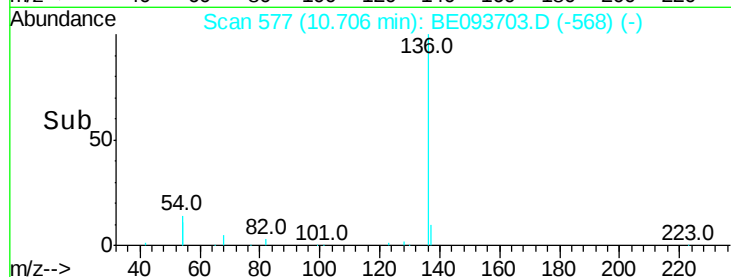
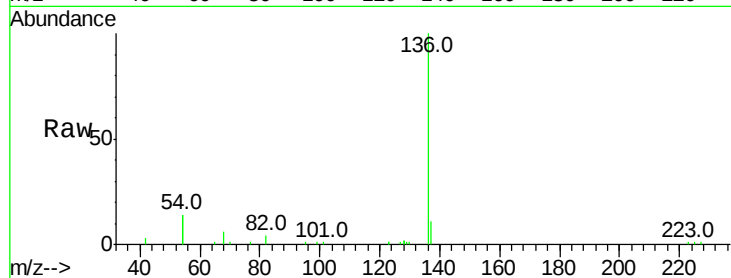
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 28.8 10.3 15.5#

68 6.1 9.0 13.4#

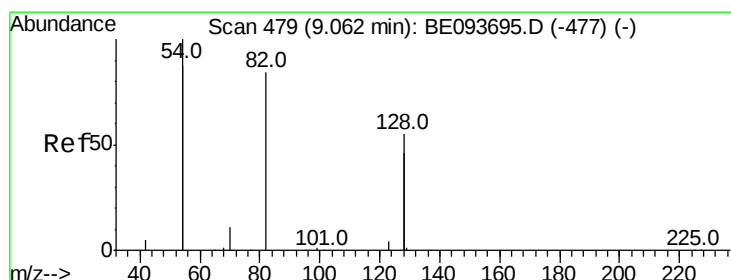
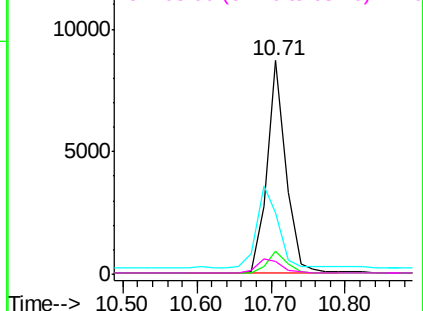


Abundance Ion 136.00 (135.70 to 136.70): E

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

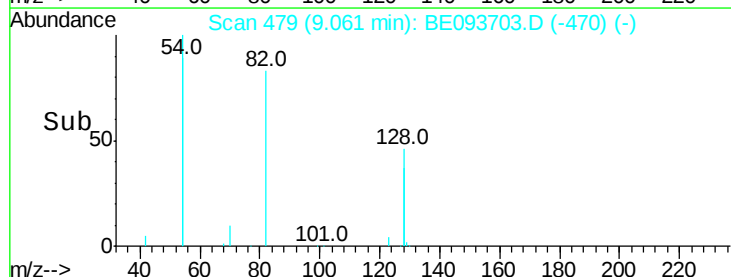
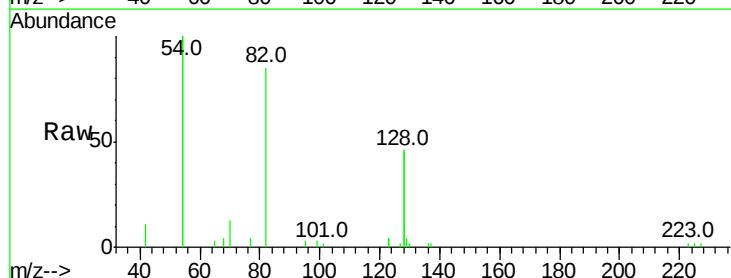
Tgt Ion: 82 Resp: 4288

Ion Ratio Lower Upper

82 100

128 108.2 17.0 25.4#

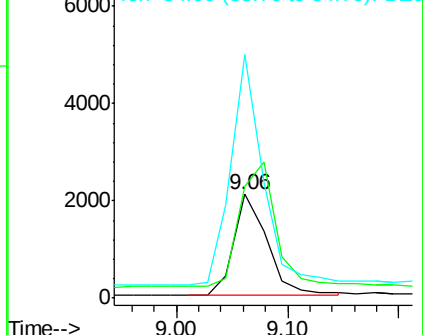
54 234.5 53.8 80.6#

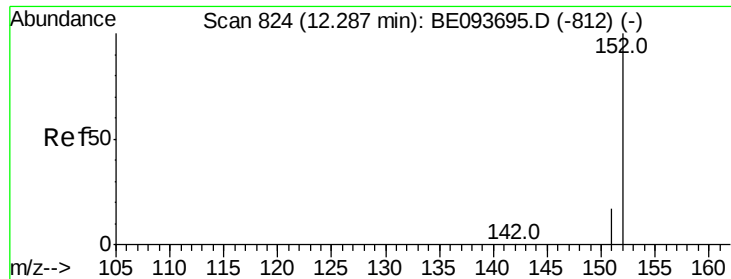


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

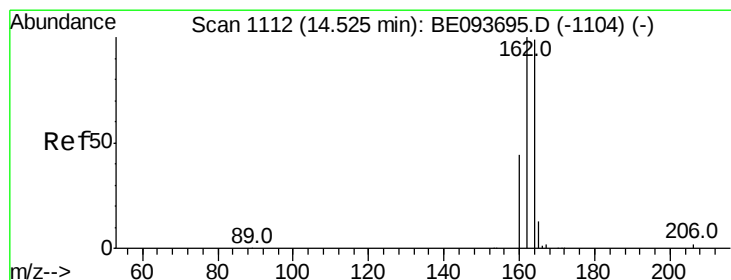
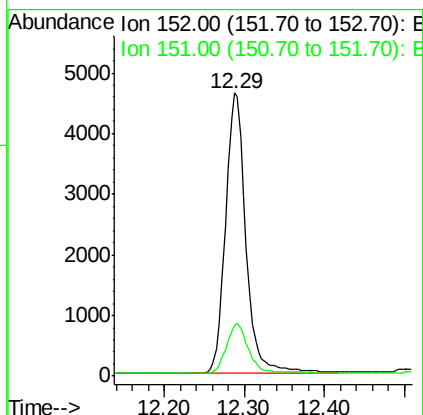
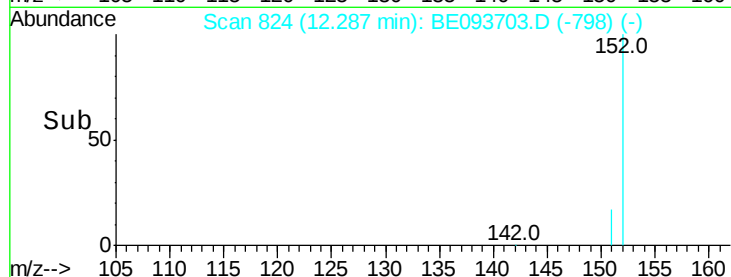
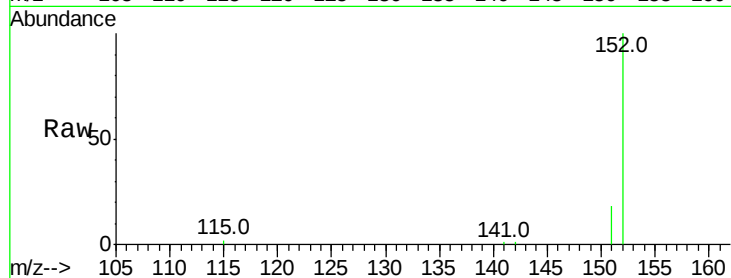




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

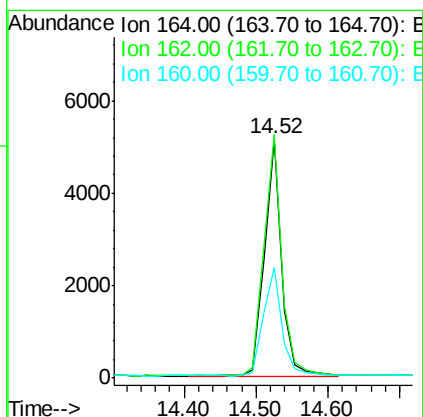
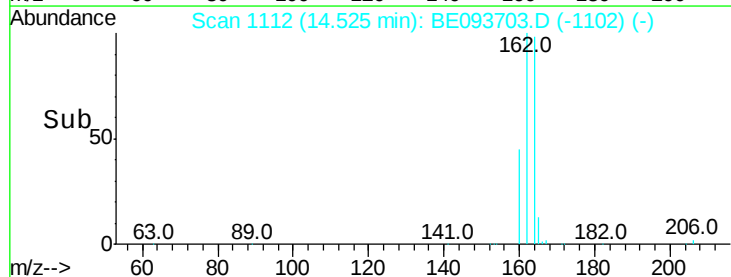
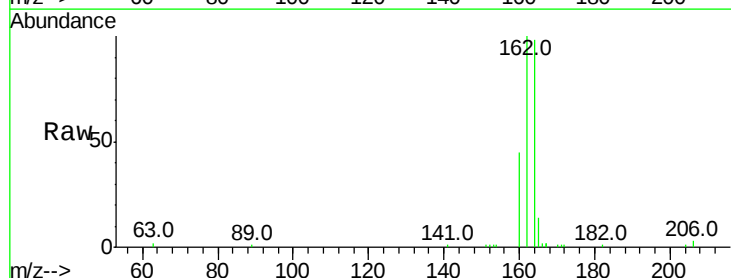
Instrument :
BNA_E
ClientSampleId :
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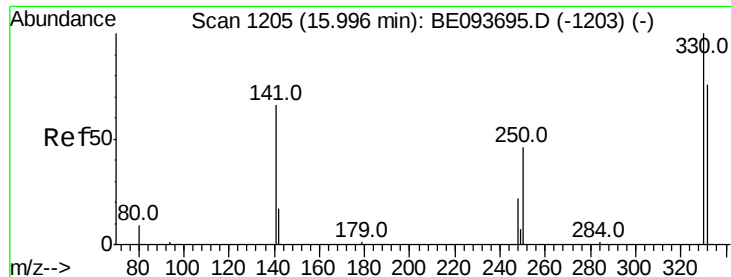
Tot Ion:152 Resp: 8200
Ion Ratio Lower Upper
152 100
151 18.7 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093703.D
Acq: 7 Aug 2017 16:19

Tgt Ion:164 Resp: 8547
Ion Ratio Lower Upper
164 100
162 102.1 84.6 127.0
160 46.4 41.8 62.6

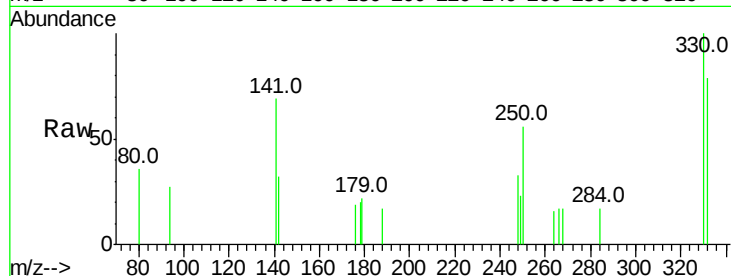




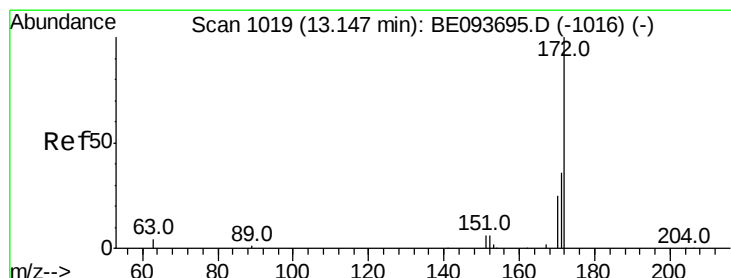
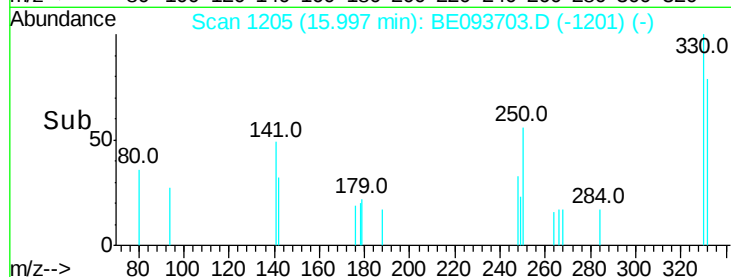
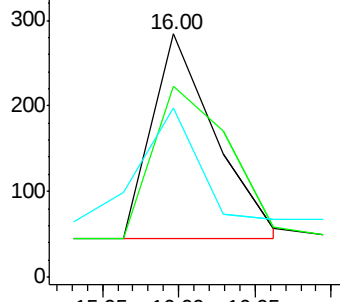
#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093703.D
 Acq: 7 Aug 2017 16:19

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170727

Tot Ion:330 Resp: 684
 Ion Ratio Lower Upper
 330 100
 332 90.4 77.7 116.5
 141 51.8 56.2 84.4#

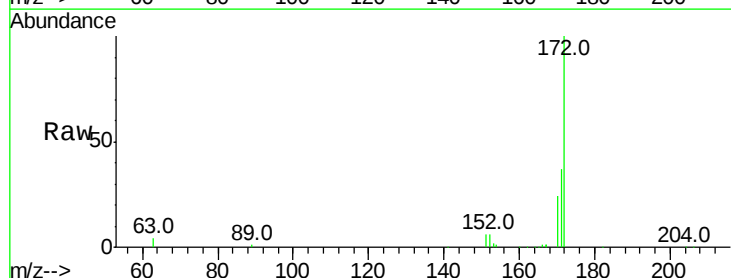


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

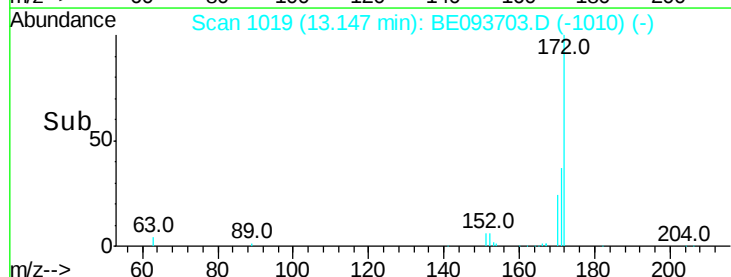
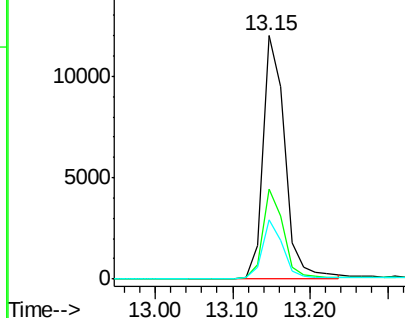


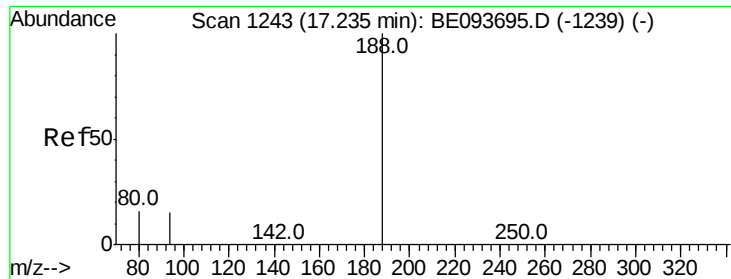
#15
 2-Fluorobiphenyl
 Concen: 0.685 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE093703.D
 Acq: 7 Aug 2017 16:19

Tgt Ion:172 Resp: 23081
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.4 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: BE093703.D

Acq: 7 Aug 2017 16:19

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

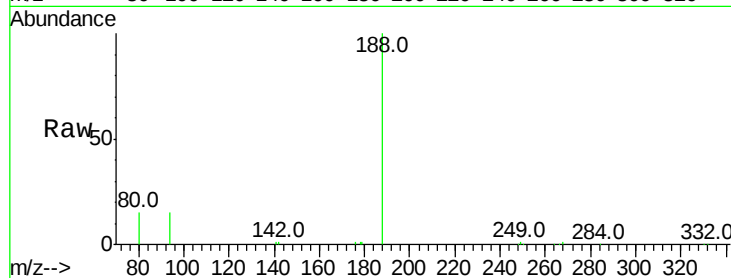
Tot Ion:188 Resp: 21143

Ion Ratio Lower Upper

188 100

94 14.6 11.3 16.9

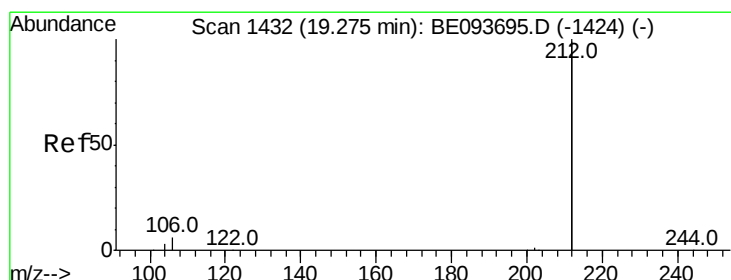
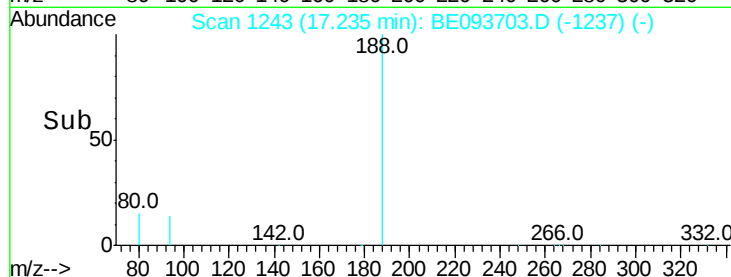
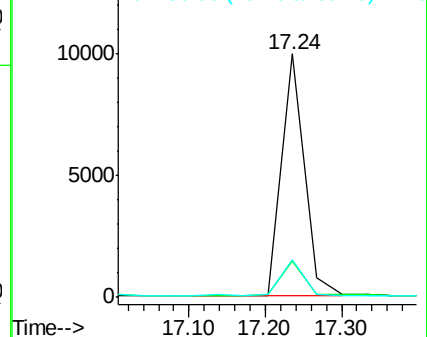
80 15.5 11.7 17.5



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: 0.333 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093703.D

Acq: 7 Aug 2017 16:19

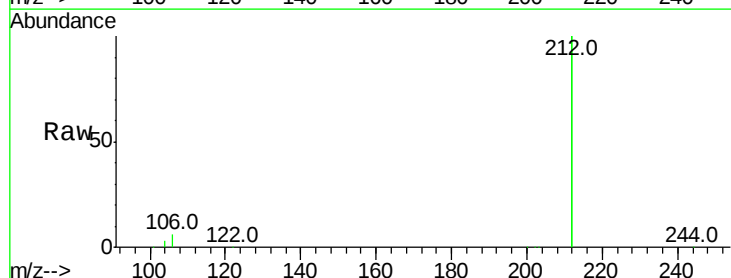
Tgt Ion:212 Resp: 80292

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

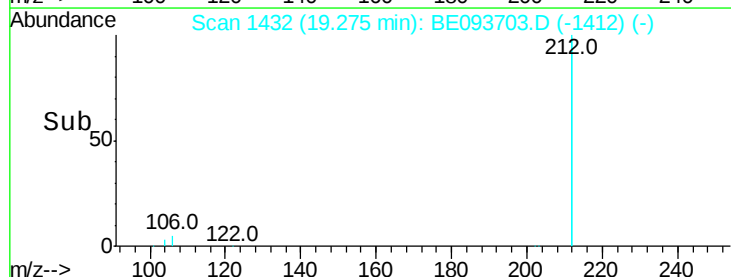
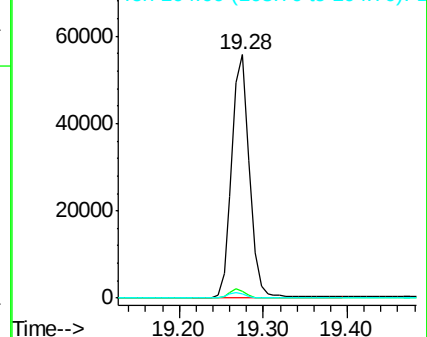
104 1.9 1.6 2.4

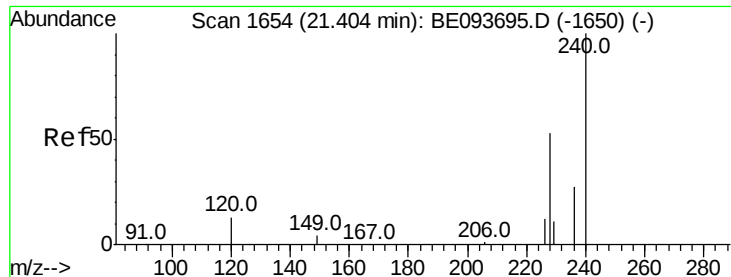


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

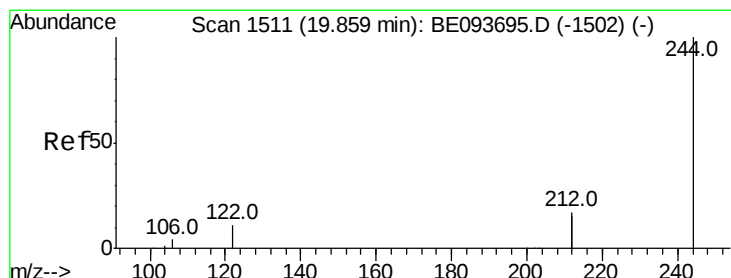
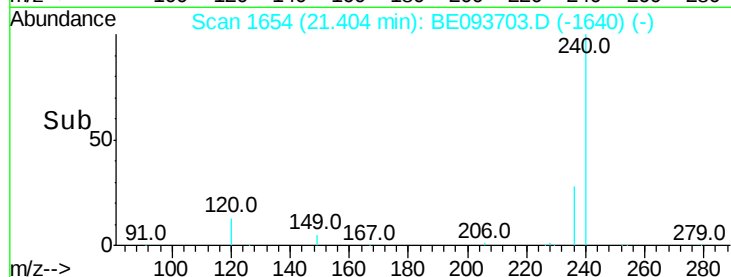
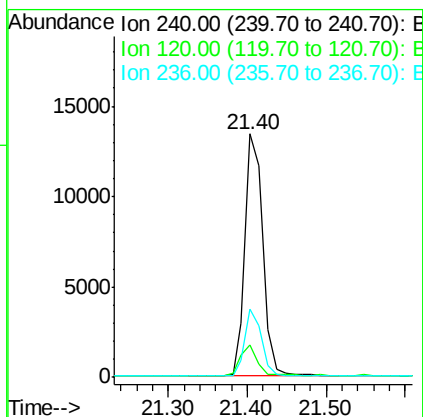
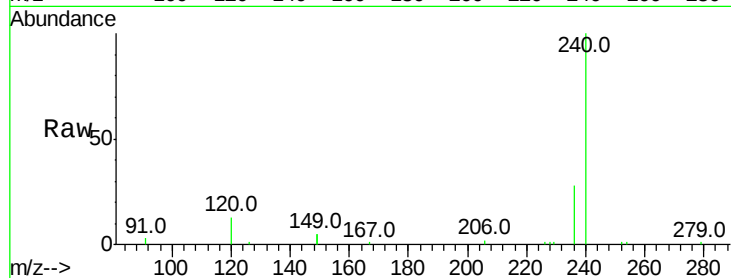




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE093703.D
 Acq: 7 Aug 2017 16:19

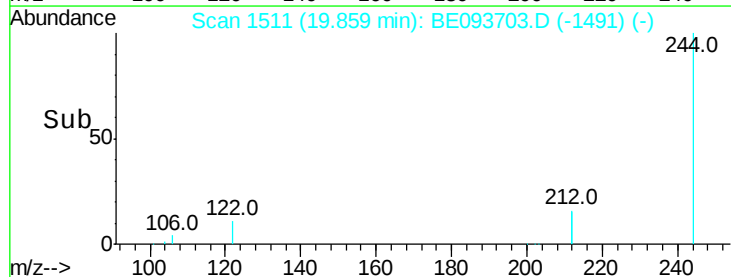
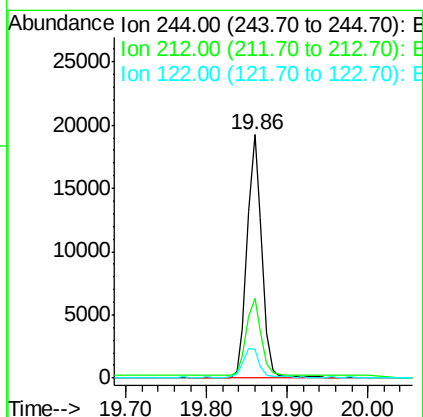
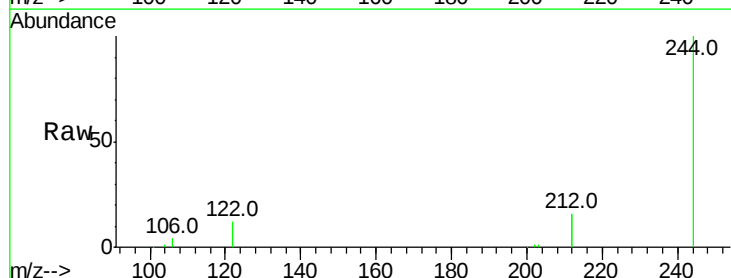
Instrument :
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 KY038PS027-170727

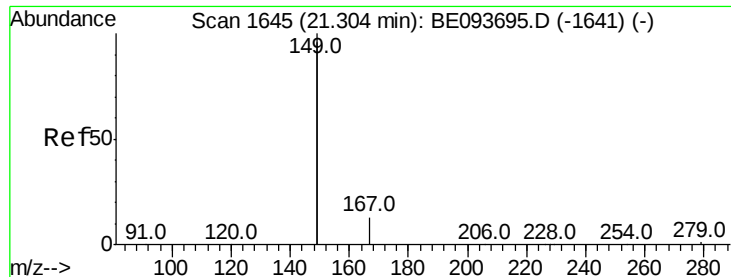
Tot Ion:240 Resp: 21150
 Ion Ratio Lower Upper
 240 100
 120 13.5 4.6 7.0#
 236 27.9 20.8 31.2



#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

Tgt Ion:244 Resp: 24028
 Ion Ratio Lower Upper
 244 100
 212 32.8 10.6 16.0#
 122 11.6 15.4 23.0#





#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

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170727

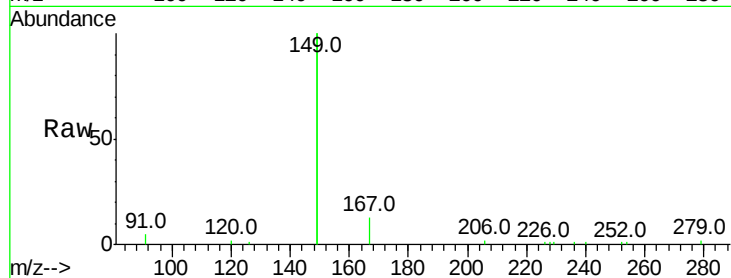
Tot Ion:149 Resp: 12837

Ion Ratio Lower Upper

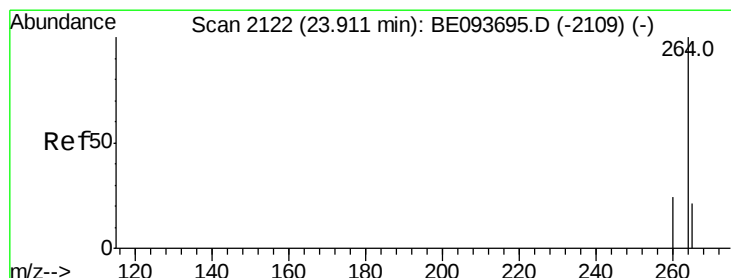
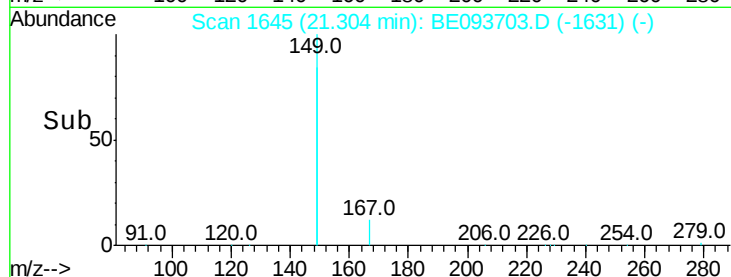
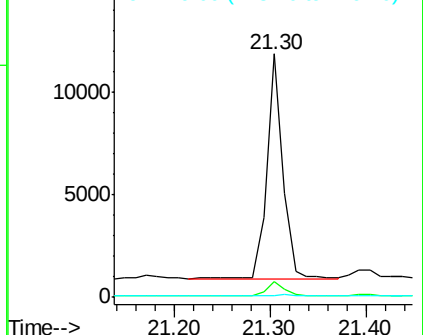
149 100

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

Perylene-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

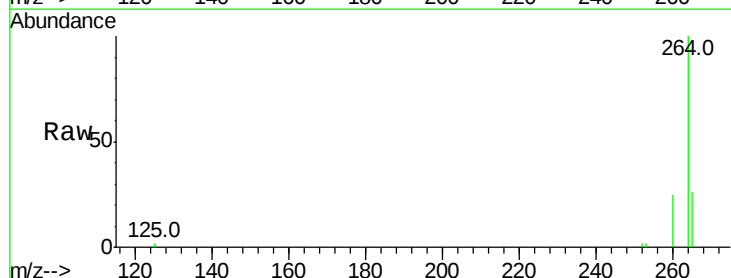
Tgt Ion:264 Resp: 18626

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 25.8 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

