

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093700.D
 Acq On : 7 Aug 2017 14:29
 Operator : SJ/JU
 Sample : PB101176BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 2

Instrument :
 BNA_E
 ClientSampleId :
 PB101176BL

Quant Time: Aug 08 00:45:52 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

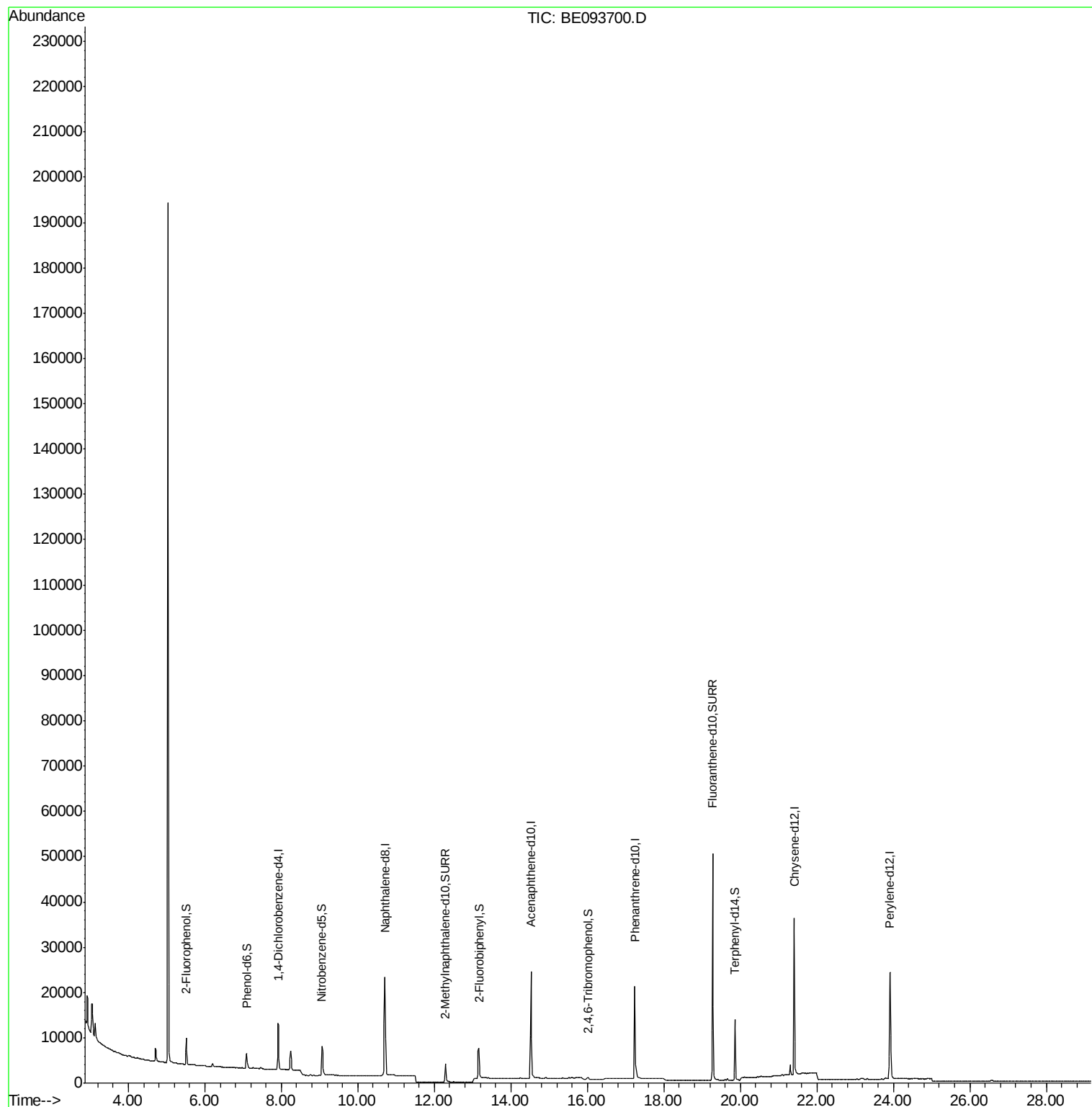
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	5569	0.80	ng	0.01
7) Naphthalene-d8	10.71	136	25862	0.80	ng	0.00
13) Acenaphthene-d10	14.53	164	15016	0.80	ng	0.00
19) Phenanthrene-d10	17.24	188	34674	0.80	ng	0.00
27) Chrysene-d12	21.42	240	40590	0.80	ng	0.01
34) Perylene-d12	23.92	264	37244	0.80	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	3033	0.34	ng	0.00
5) Phenol-d6	7.10	99	4201	0.31	ng	0.01
8) Nitrobenzene-d5	9.06	82	3164	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6379	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	442	0.21	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	8870	0.30	ng	0.02
25) Fluoranthene-d10	19.27	212	67493	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	11880	0.33	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.77	42	103	0.024	ng	Qvalue # 1

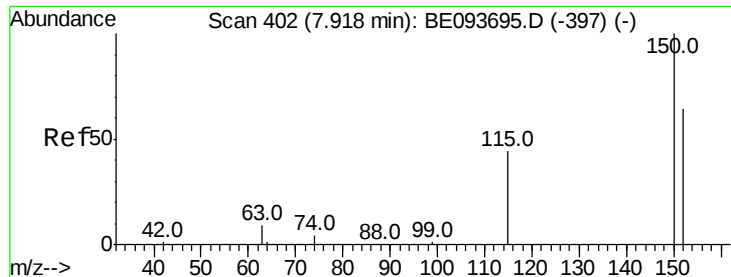
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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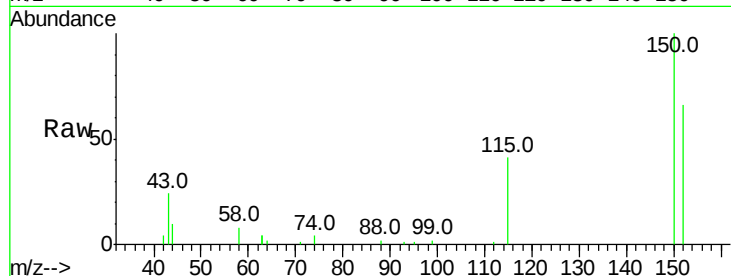


#1

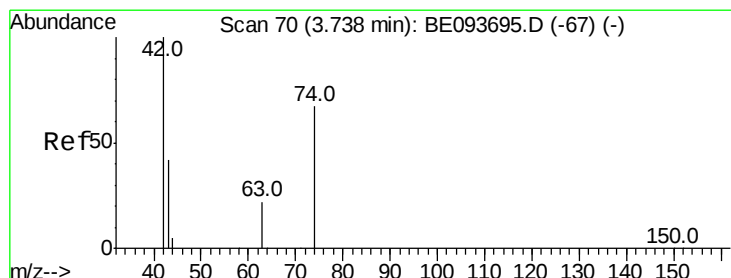
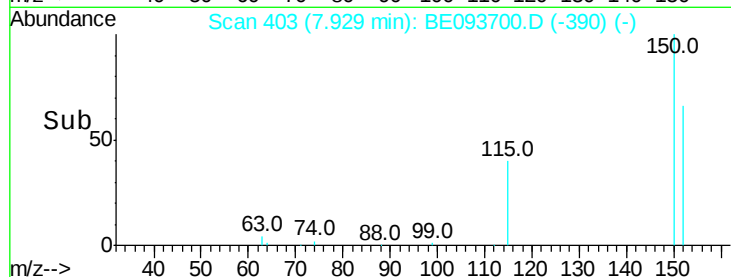
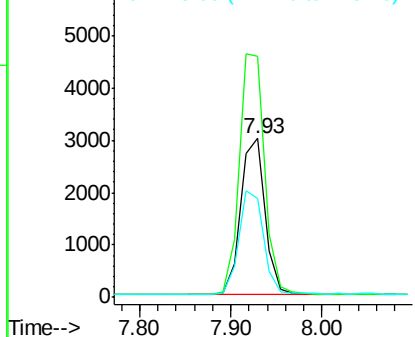
1,4-Dichlorobenzene-d4
Concen: 0.800 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.01 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Instrument :
BNA_E
ClientSampleId :
PB101176BL

Tot Ion:152 Resp: 5569
Ion Ratio Lower Upper
152 100
150 151.7 125.1 187.7
115 62.5 55.7 83.5



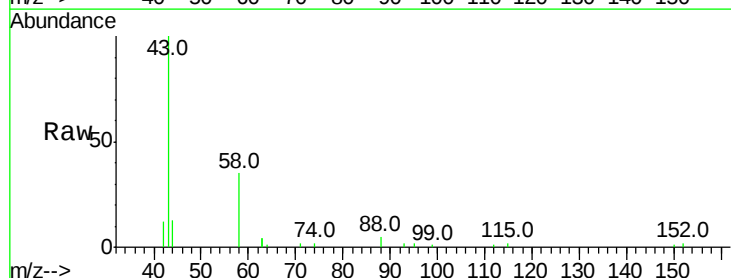
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



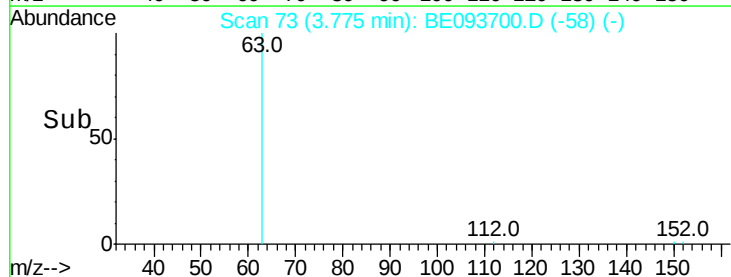
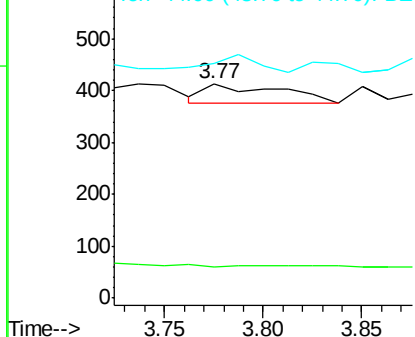
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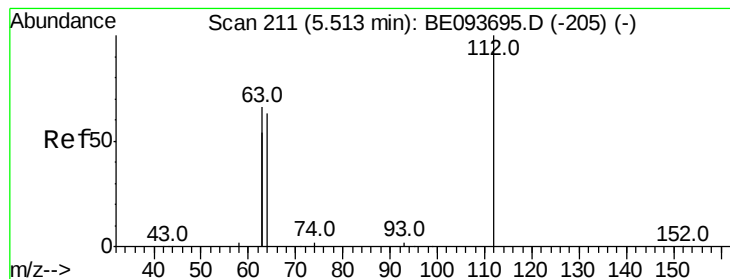
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.77 min Scan# 73
Delta R.T. 0.04 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Tgt Ion: 42 Resp: 103
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 52.4 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.337 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

PB101176BL

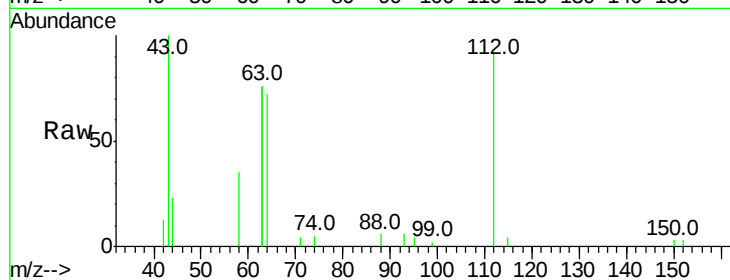
Tot Ion:112 Resp: 3033

Ion Ratio Lower Upper

112 100

64 73.4 56.4 84.6

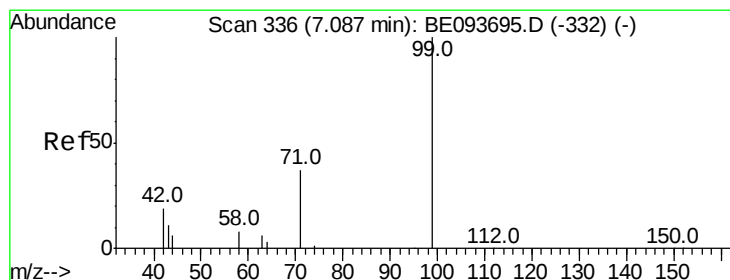
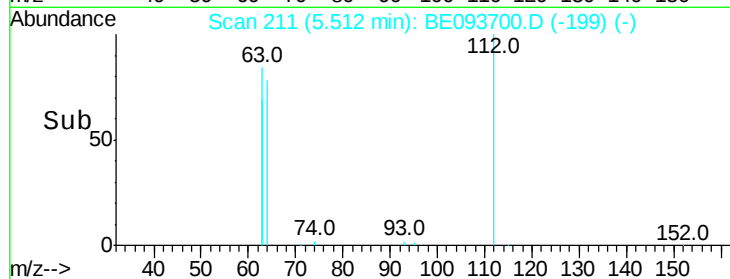
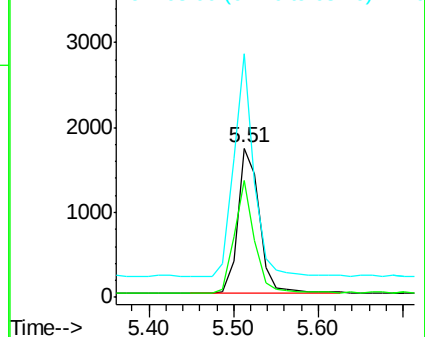
63 143.4 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.305 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

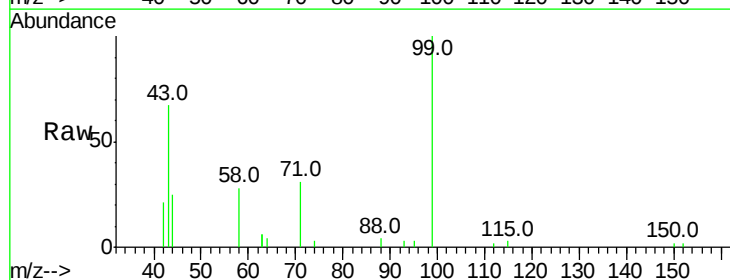
Tgt Ion: 99 Resp: 4201

Ion Ratio Lower Upper

99 100

42 21.5 0.0 0.0#

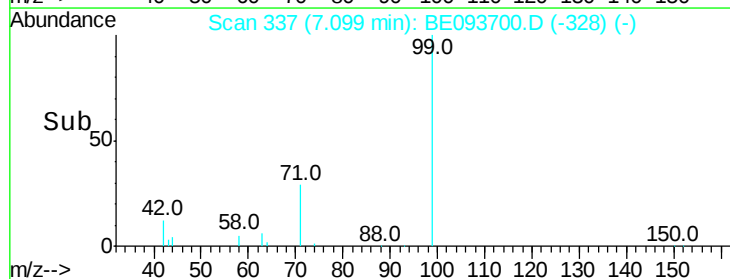
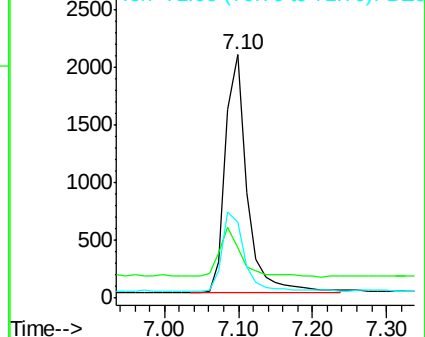
71 34.6 0.0 0.0#

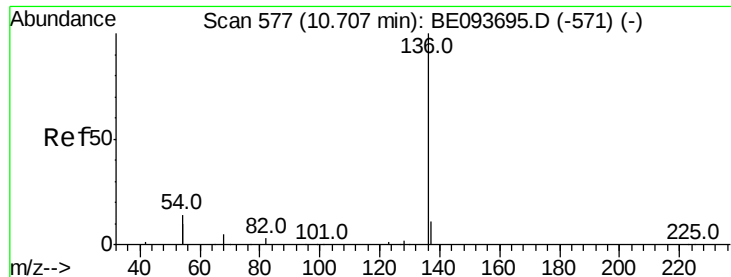


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.800 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

PB101176BL

Tot Ion:136 Resp: 25862

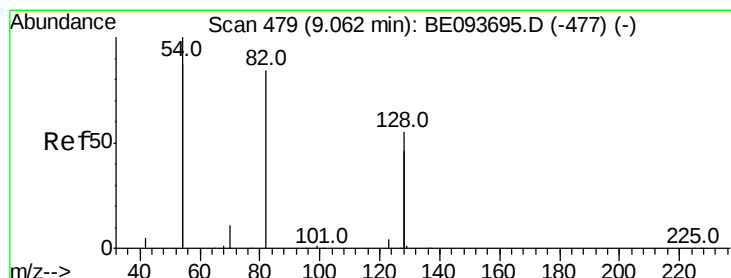
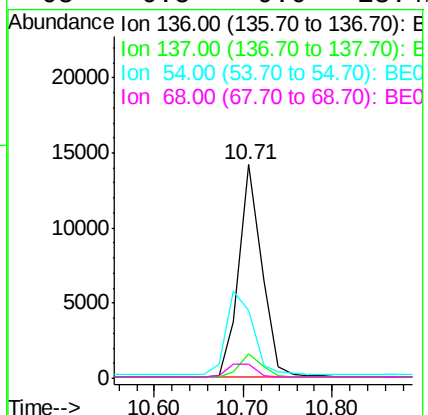
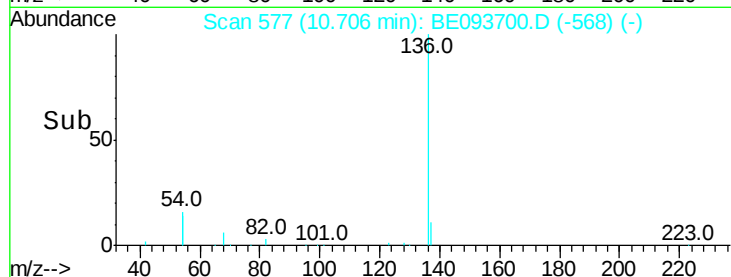
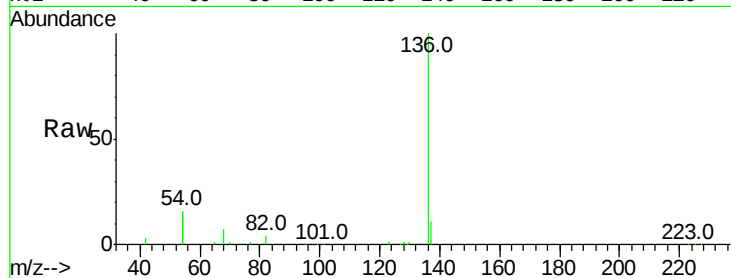
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 31.5 10.3 15.5#

68 6.5 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.286 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

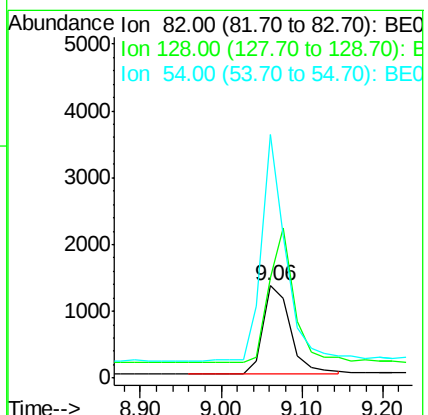
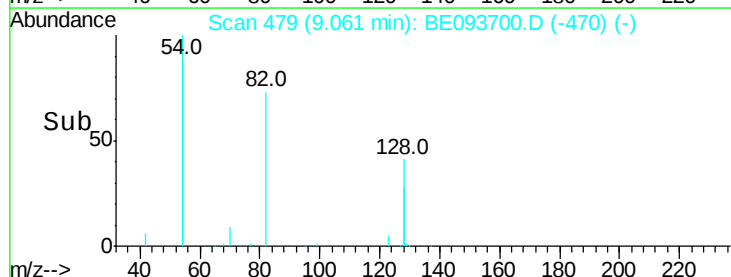
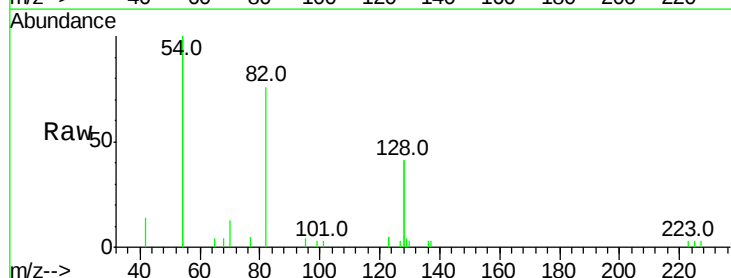
Tgt Ion: 82 Resp: 3164

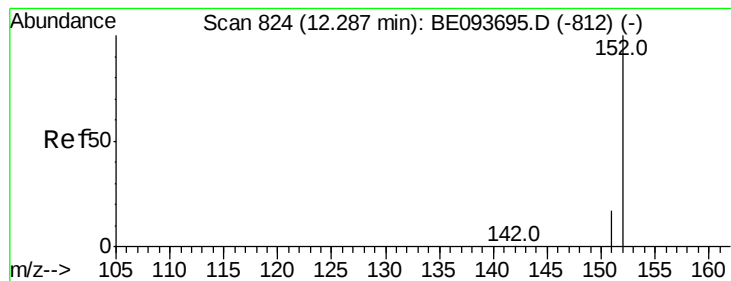
Ion Ratio Lower Upper

82 100

128 108.4 17.0 25.4#

54 263.1 53.8 80.6#





#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

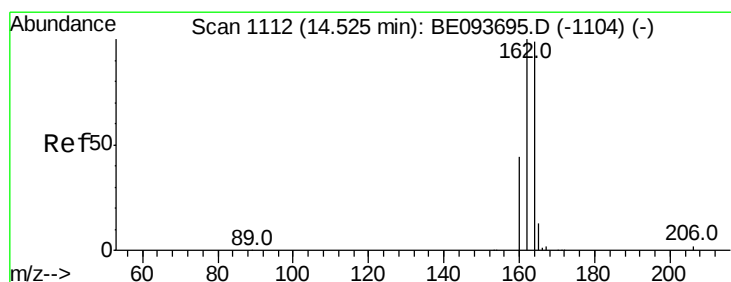
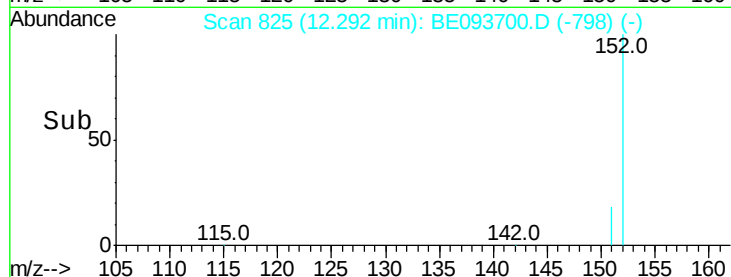
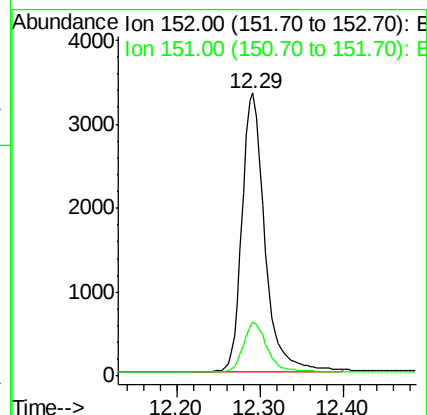
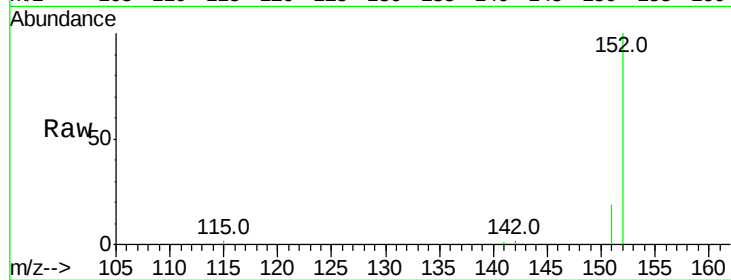
PB101176BL

Tot Ion:152 Resp: 6379

Ion Ratio Lower Upper

152 100

151 18.5 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.800 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

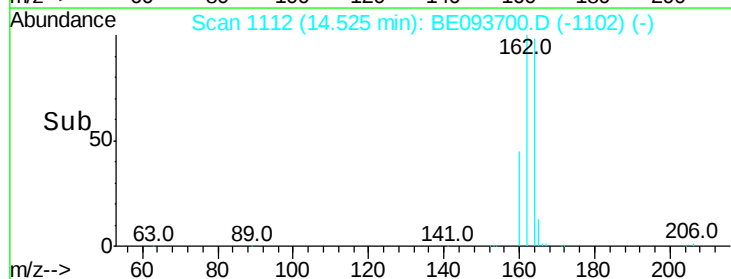
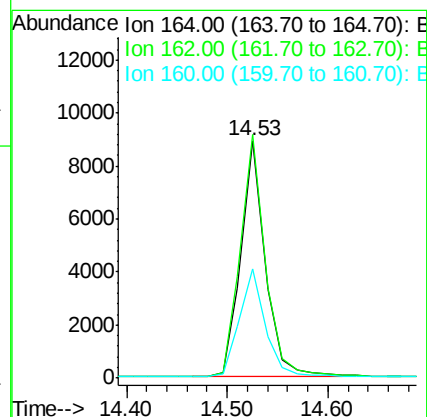
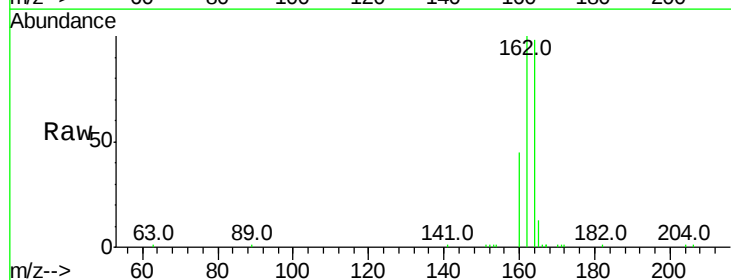
Tgt Ion:164 Resp: 15016

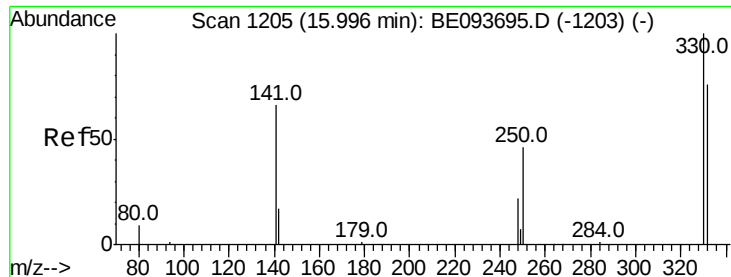
Ion Ratio Lower Upper

164 100

162 102.4 84.6 127.0

160 46.2 41.8 62.6

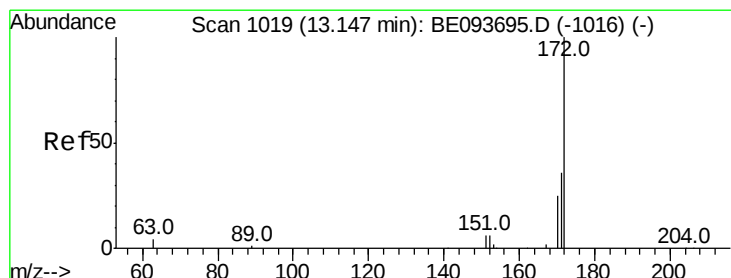
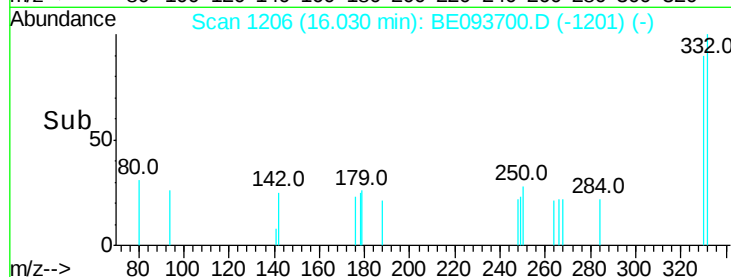
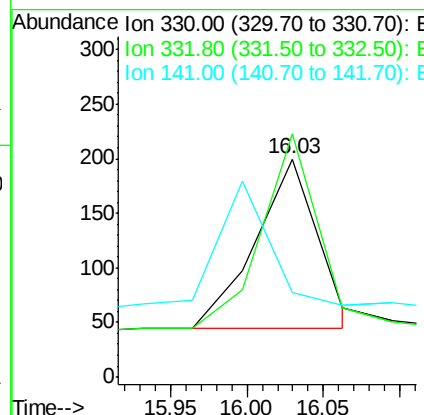
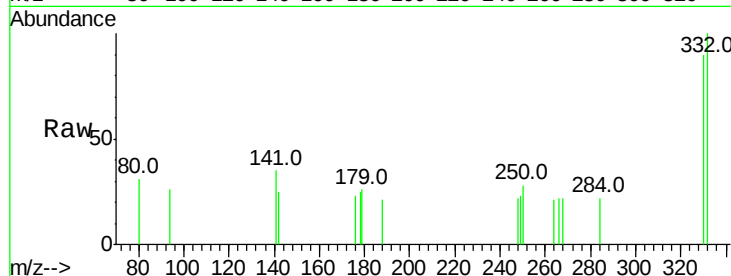




#14
 2,4,6-Tribromophenol
 Concen: 0.215 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE093700.D
 Acq: 7 Aug 2017 14:29

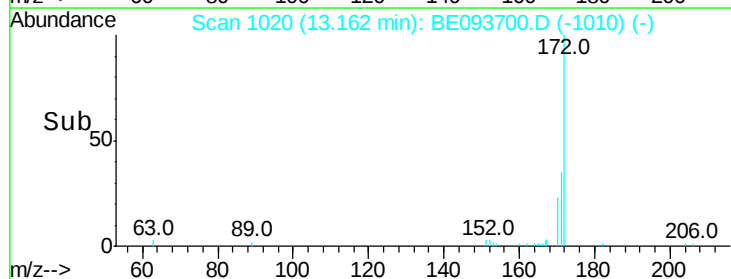
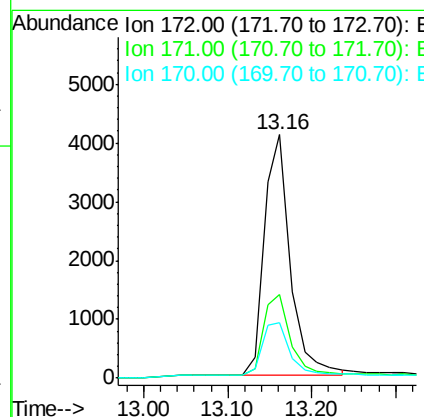
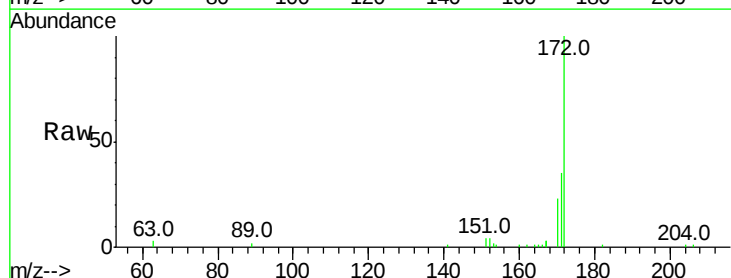
Instrument :
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 PB101176BL

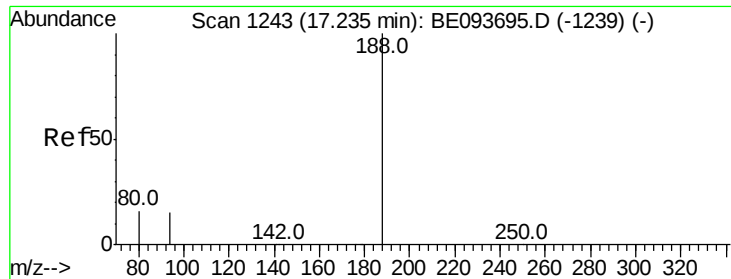
Tot Ion:330 Resp: 442
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.7 116.5
 141 0.0 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.300 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. 0.02 min
 Lab File: BE093700.D
 Acq: 7 Aug 2017 14:29

Tgt Ion:172 Resp: 8870
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.8 44.6
 170 22.8 20.7 31.1

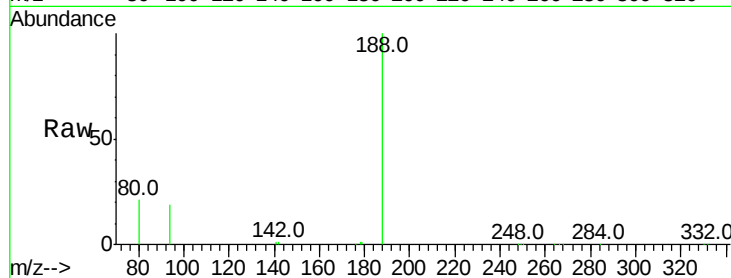




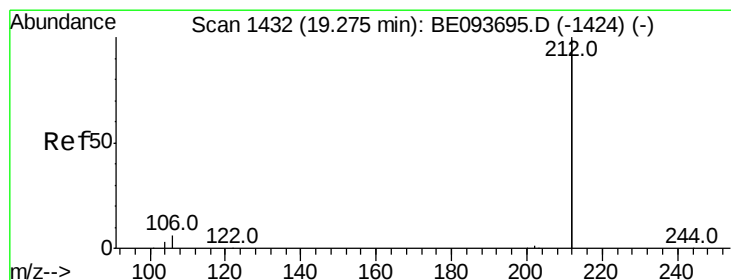
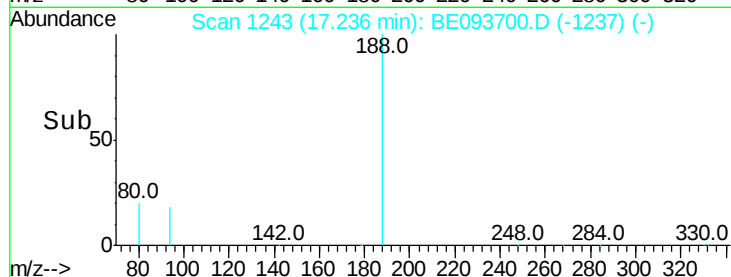
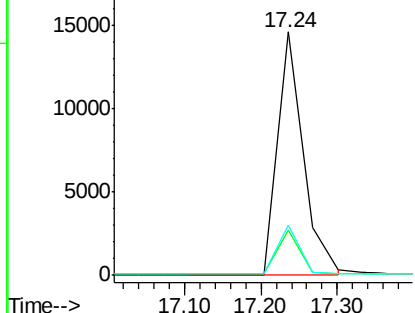
#19
Phenanthrene-d10
Concen: 0.800 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Instrument :
BNA_E
ClientSampleId :
PB101176BL

Tot Ion:188 Resp: 34674
Ion Ratio Lower Upper
188 100
94 18.7 11.3 16.9#
80 20.6 11.7 17.5#

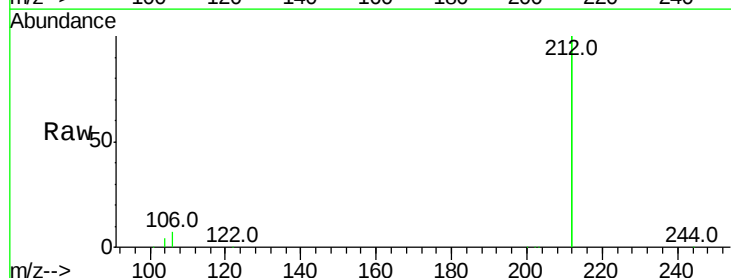


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

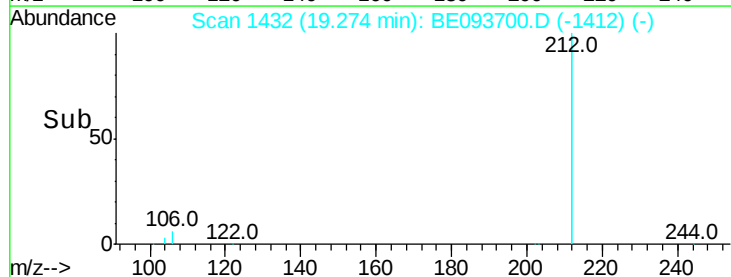
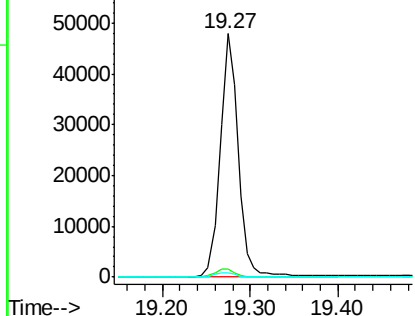


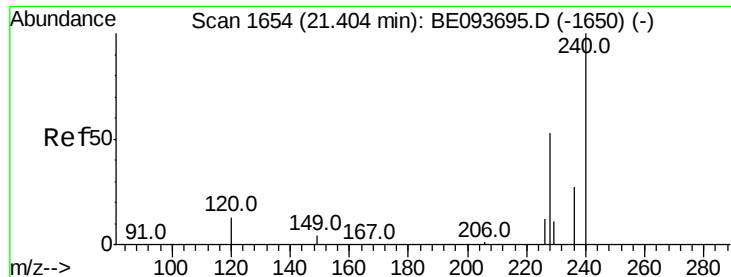
#25
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Tgt Ion:212 Resp: 67493
Ion Ratio Lower Upper
212 100
106 3.4 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

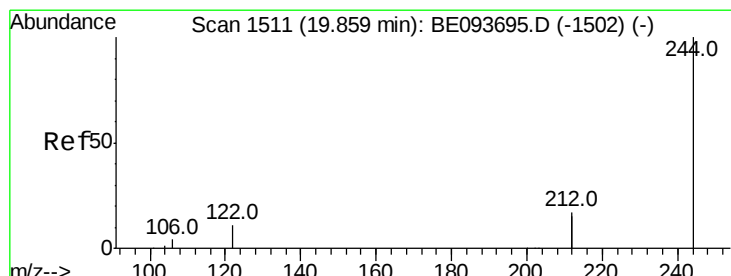
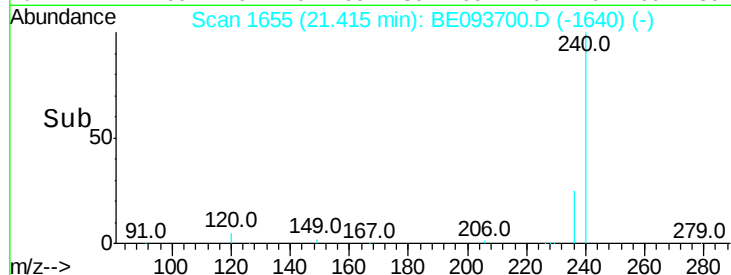
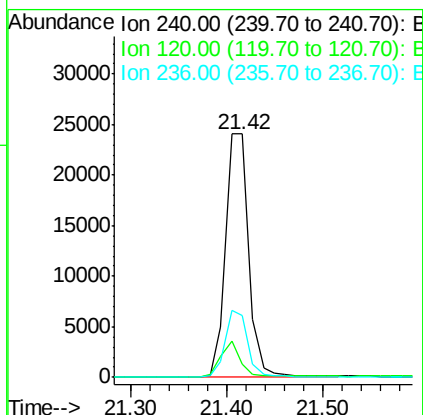
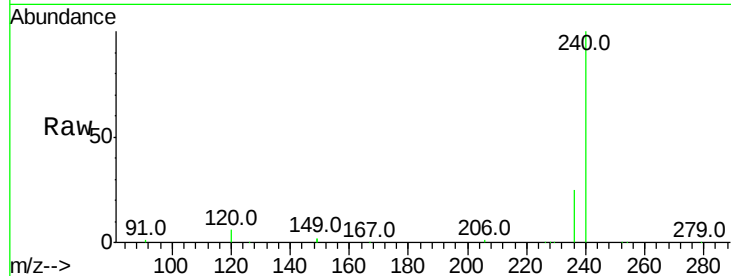




#27
 Chrysene-d12
 Concen: 0.800 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. 0.01 min
 Lab File: BE093700.D
 Acq: 7 Aug 2017 14:29

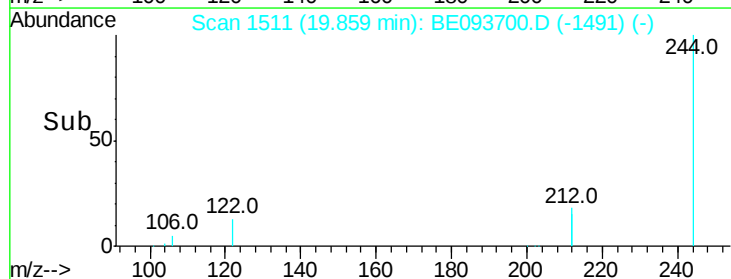
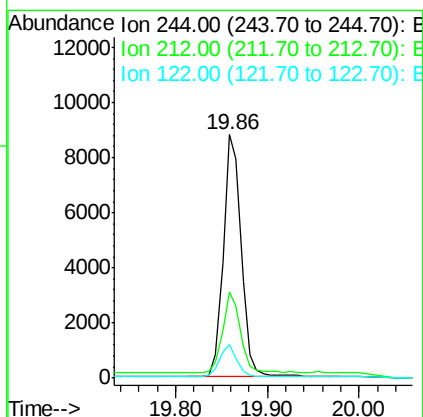
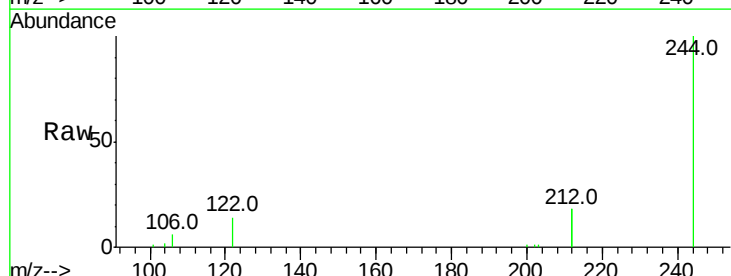
Instrument :
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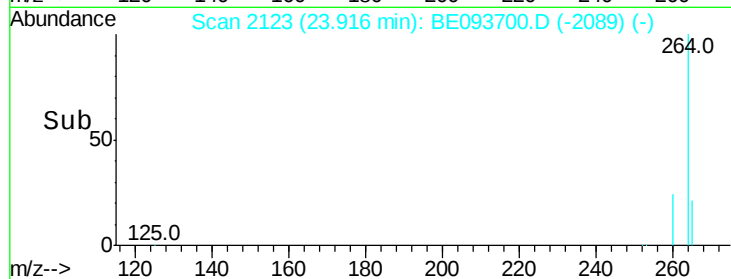
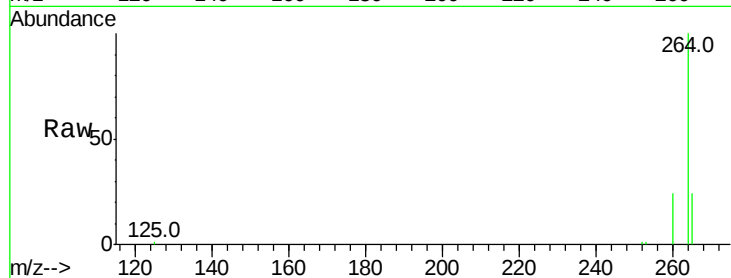
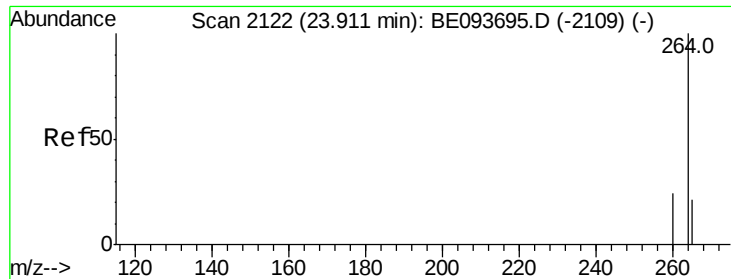
Tot Ion:240 Resp: 40590
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.6 7.0
 236 25.3 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.328 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BE093700.D
 Acq: 7 Aug 2017 14:29

Tgt Ion:244 Resp: 11880
 Ion Ratio Lower Upper
 244 100
 212 35.2 10.6 16.0#
 122 13.8 15.4 23.0#





#34

Pervlene-d12

Concen: 0.800 ng

RT: 23.92 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

PB101176BL

Tot Ion:264 Resp: 37244

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

265 23.6 24.6 36.8#

