

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093606.D
 Acq On : 26 Jul 2017 16:02
 Operator : SJ/JU
 Sample : I4297-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-06BR-20170717

Quant Time: Jul 27 08:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

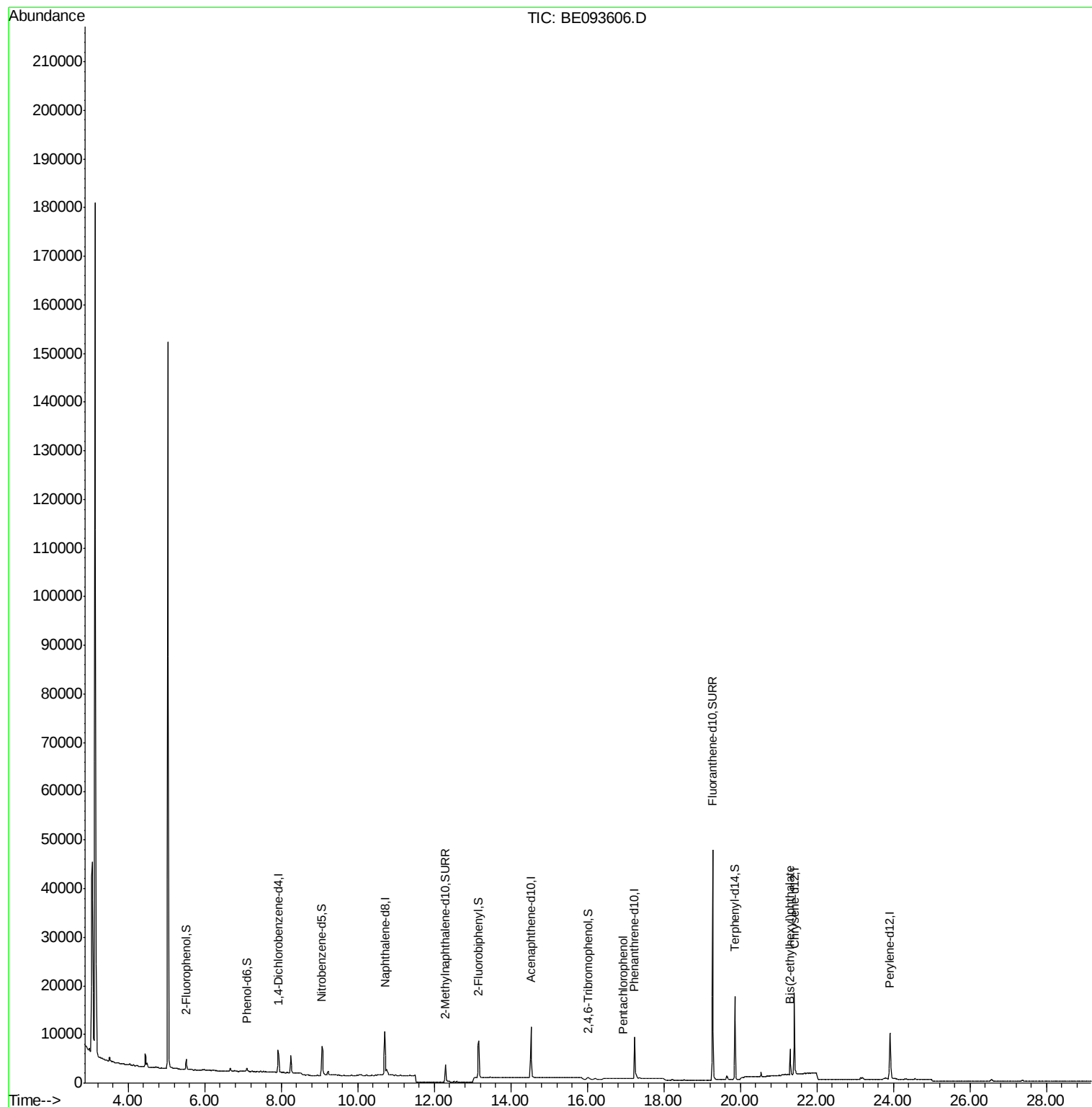
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2410	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	10802	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6283	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14172	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17168	0.40	ng	-0.01
34) Perylene-d12	23.91	264	14981	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1130	0.14	ng	0.00
5) Phenol-d6	7.10	99	956	0.08	ng	0.00
8) Nitrobenzene-d5	9.06	82	2843	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5606	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	409	0.18	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	9147	0.37	ng	0.00
25) Fluoranthene-d10	19.27	212	64193	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	14442	0.46	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.94	266	23	0.194	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.31	149	5784	0.045	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. -0.01 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

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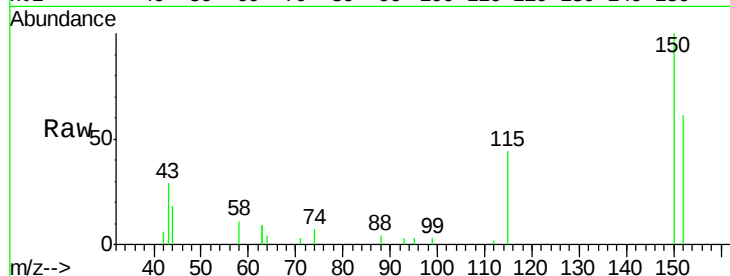
Tgt Ion:152 Resp: 2410

Ion Ratio Lower Upper

152 100

150 162.9 125.1 187.7

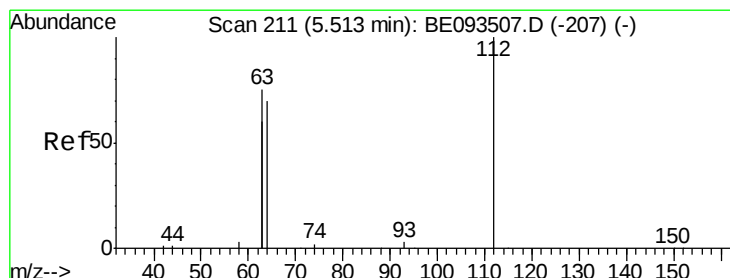
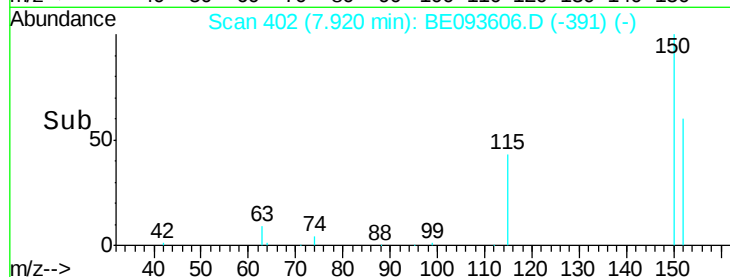
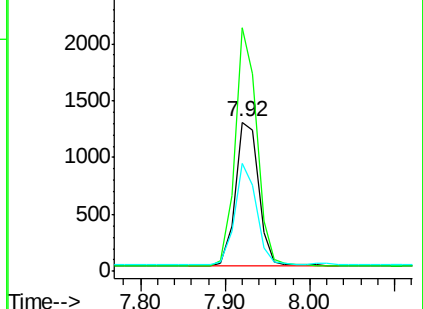
115 72.2 55.7 83.5



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: 0.135 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

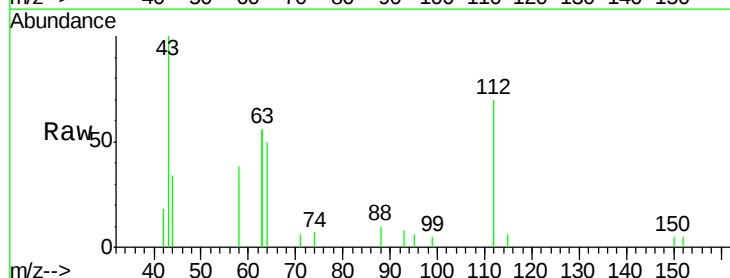
Tgt Ion:112 Resp: 1130

Ion Ratio Lower Upper

112 100

64 67.3 56.4 84.6

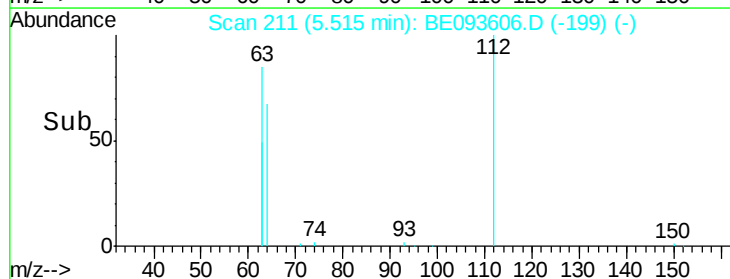
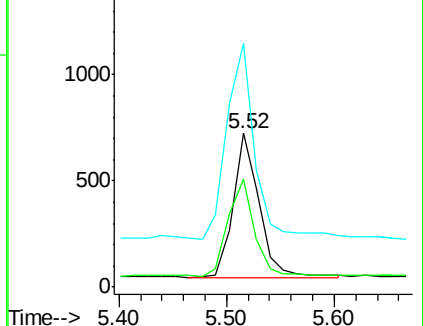
63 141.7 29.3 43.9#

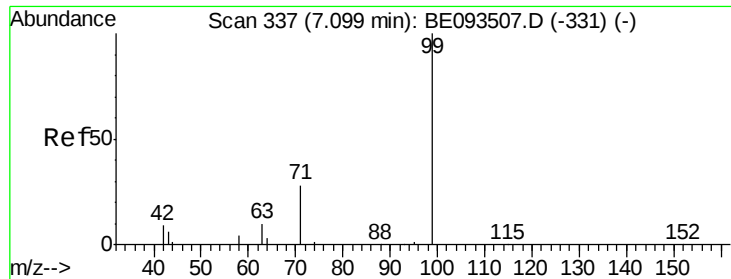


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

Instrument :

BNA_E

ClientSampleId :

MW-06BR-20170717

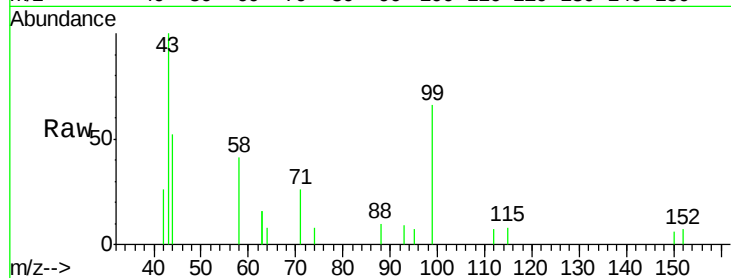
Tgt Ion: 99 Resp: 956

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

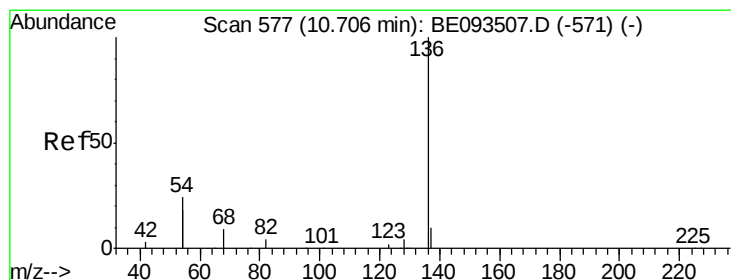
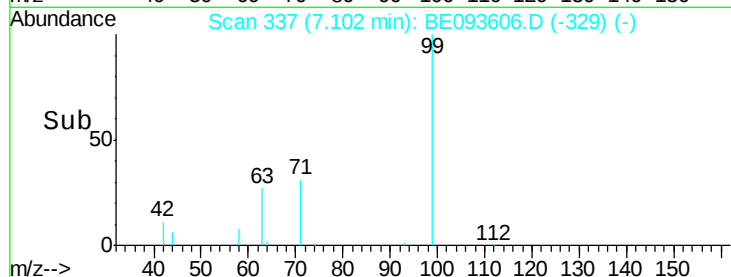
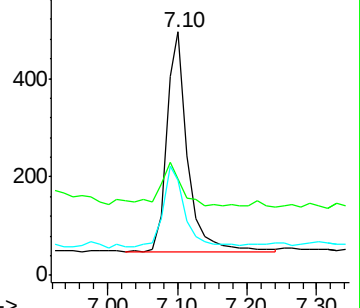
71 37.7 0.0 0.0#



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: BE093606.D

Acq: 26 Jul 2017 16:02

Tgt Ion: 136 Resp: 10802

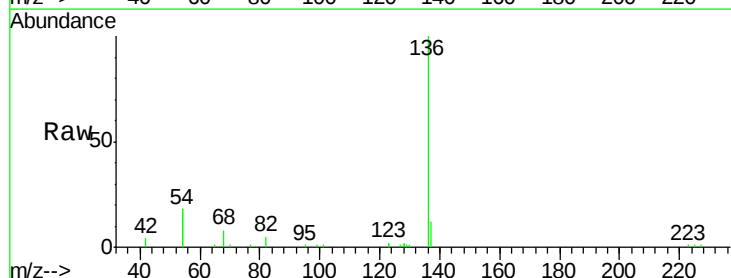
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 36.9 10.3 15.5#

68 7.7 9.0 13.4#

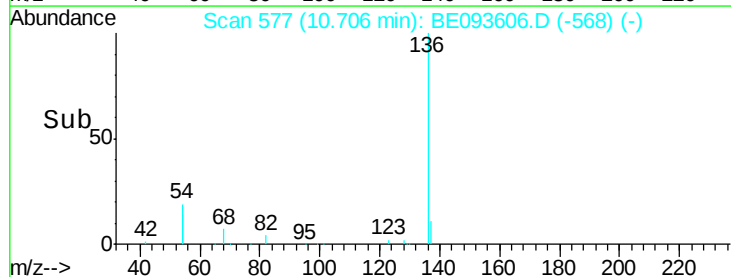
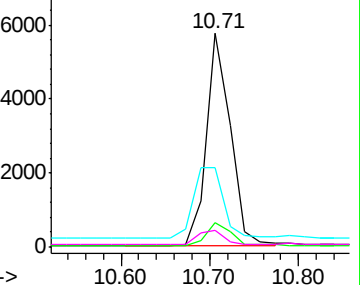


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

Instrument :

BNA_E

ClientSampleId :

MW-06BR-20170717

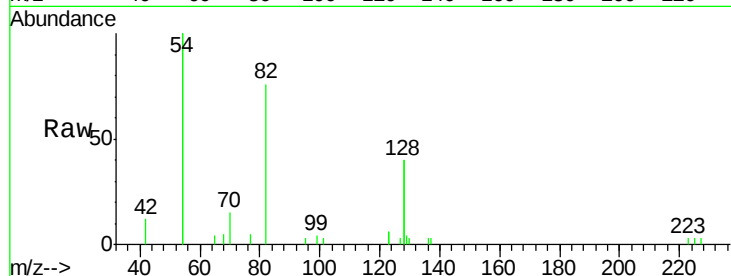
Tgt Ion: 82 Resp: 2843

Ion Ratio Lower Upper

82 100

128 104.5 17.0 25.4#

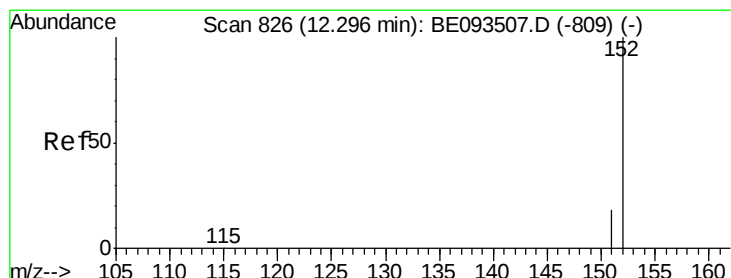
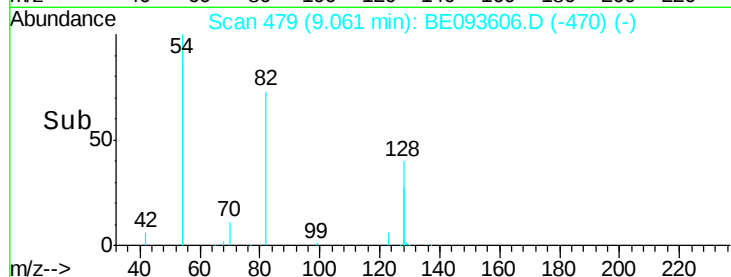
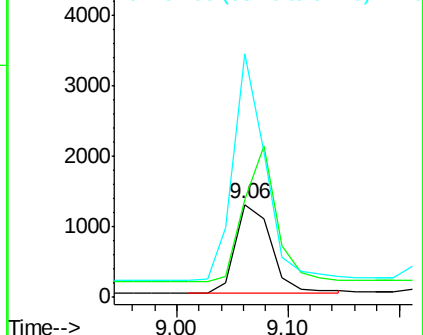
54 261.9 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093606.D

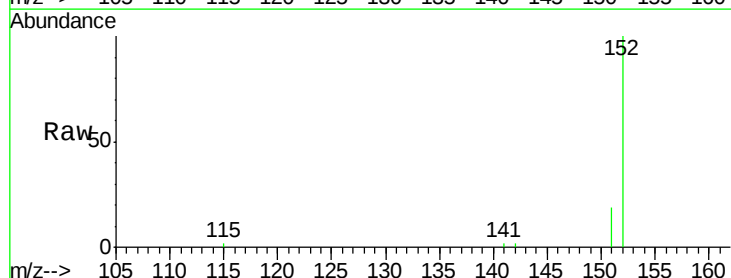
Acq: 26 Jul 2017 16:02

Tgt Ion: 152 Resp: 5606

Ion Ratio Lower Upper

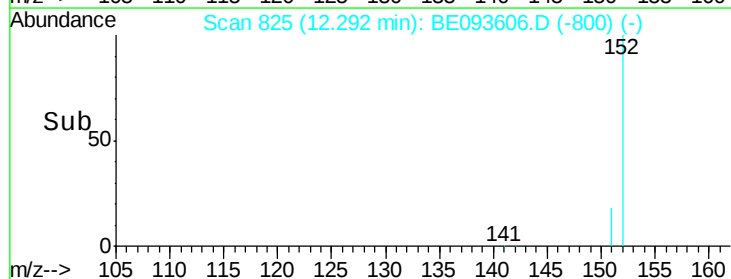
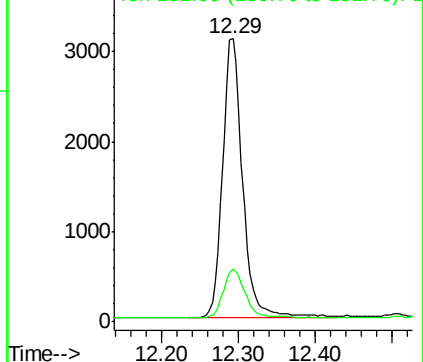
152 100

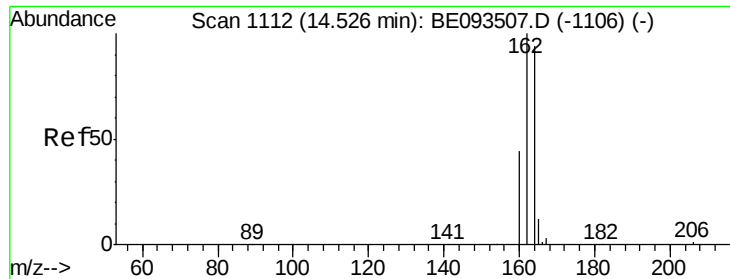
151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

Instrument :

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ClientSampleId :

MW-06BR-20170717

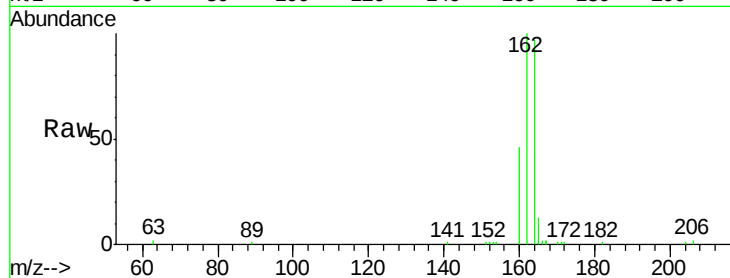
Tgt Ion:164 Resp: 6283

Ion Ratio Lower Upper

164 100

162 103.5 84.6 127.0

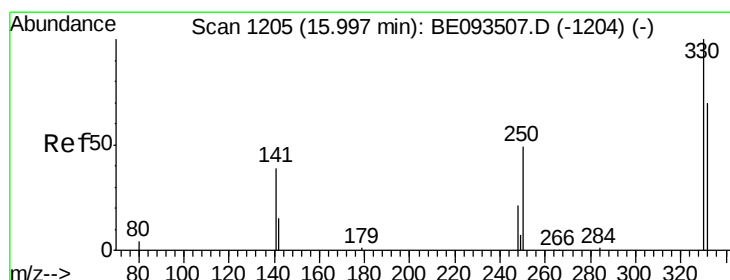
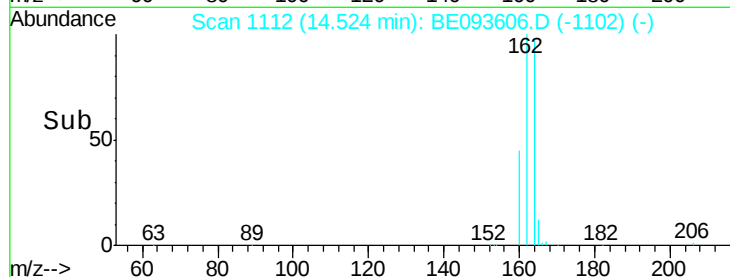
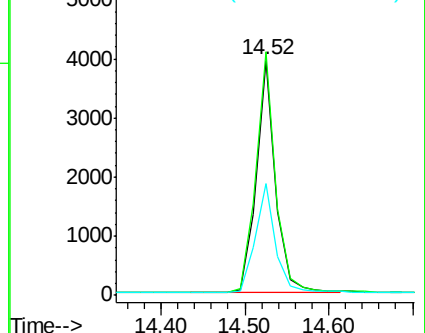
160 47.5 41.8 62.6



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: 0.179 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

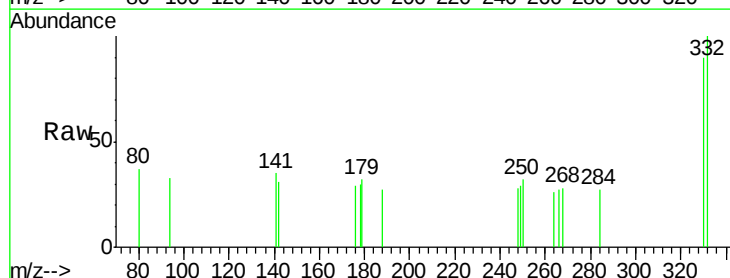
Tgt Ion:330 Resp: 409

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

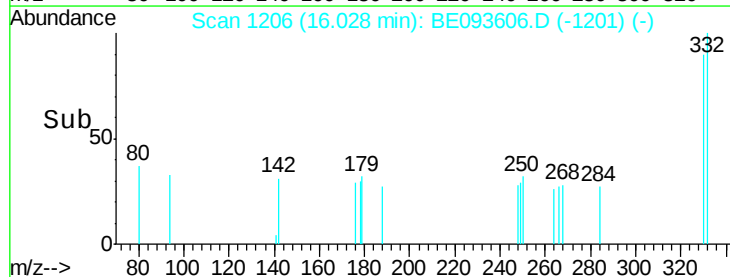
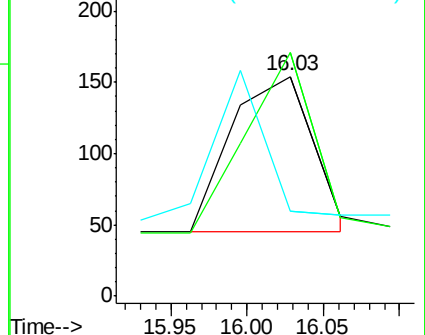
141 0.0 56.2 84.4#

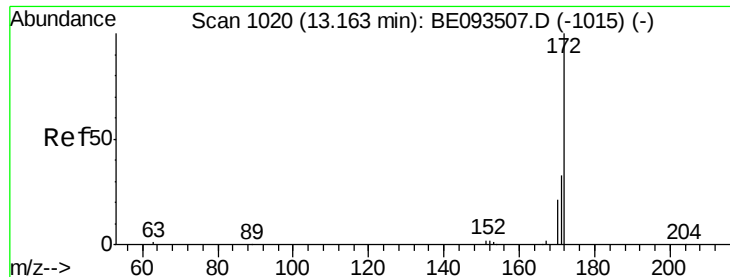


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

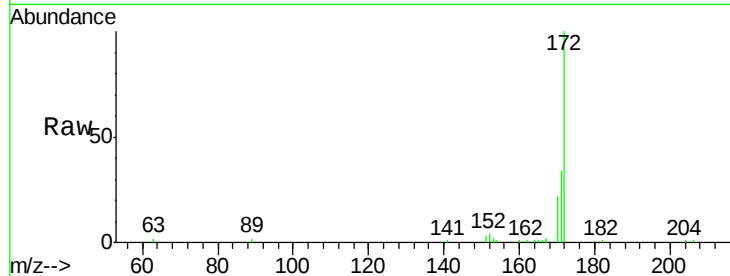




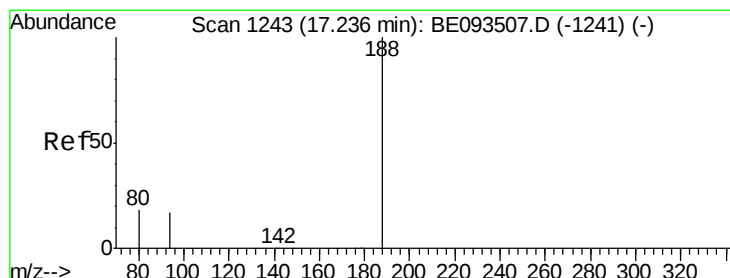
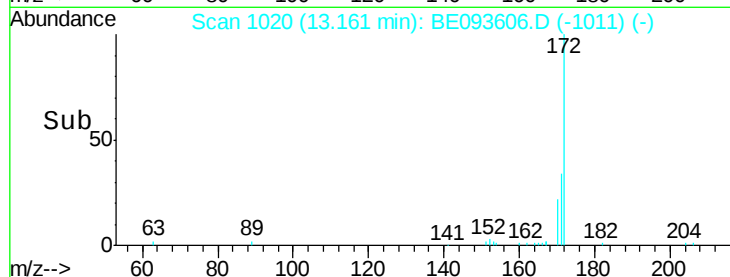
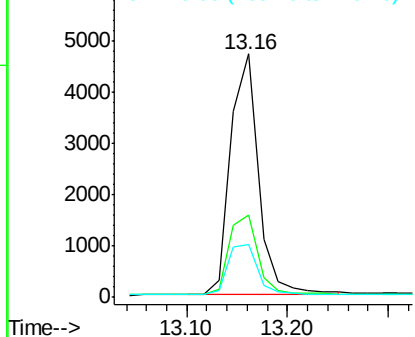
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093606.D
Acq: 26 Jul 2017 16:02

Instrument :
BNA_E
ClientSampleId :
MW-06BR-20170717

Tgt Ion:172 Resp: 9147
Ion Ratio Lower Upper
172 100
171 33.6 29.8 44.6
170 21.8 20.7 31.1

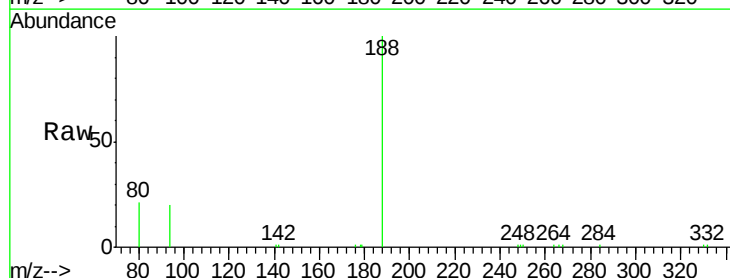


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

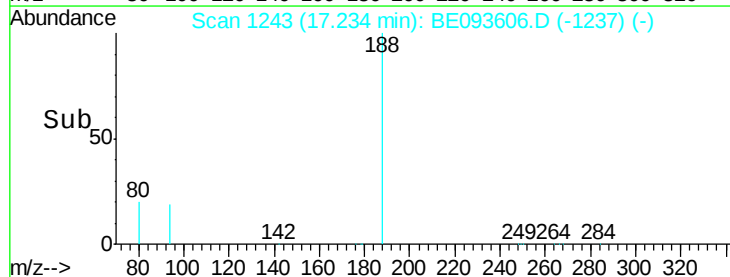
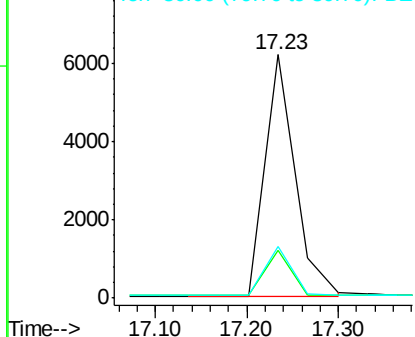


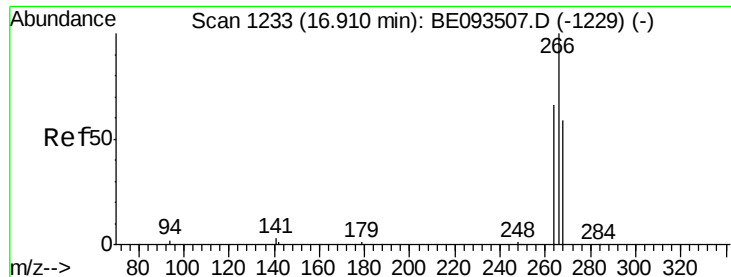
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093606.D
Acq: 26 Jul 2017 16:02

Tgt Ion:188 Resp: 14172
Ion Ratio Lower Upper
188 100
94 19.5 11.3 16.9#
80 21.3 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





#22

Pentachlorophenol

Concen: 0.194 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.03 min

Lab File: BE093606.D

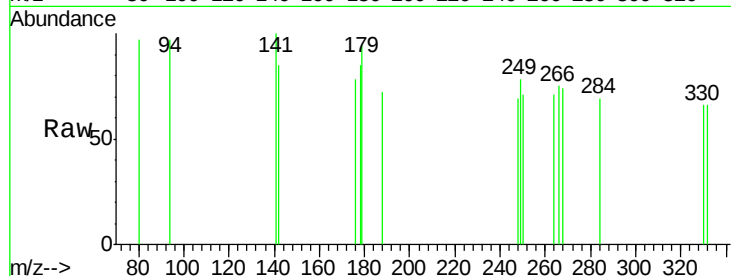
Acq: 26 Jul 2017 16:02

Instrument :

BNA_E

ClientSampleId :

MW-06BR-20170717



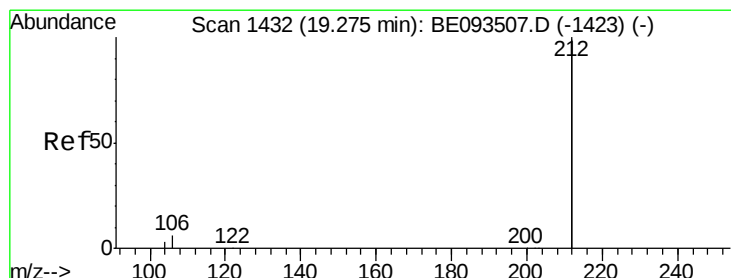
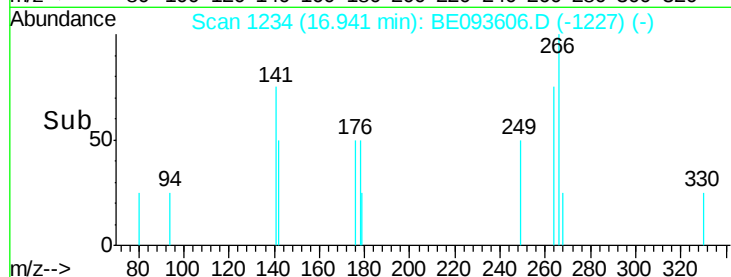
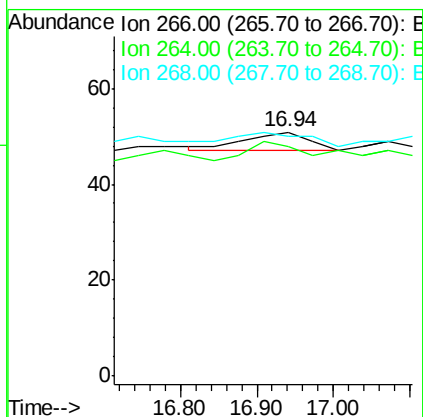
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 94.1 56.0 84.0#

268 98.0 52.0 78.0#



#25

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

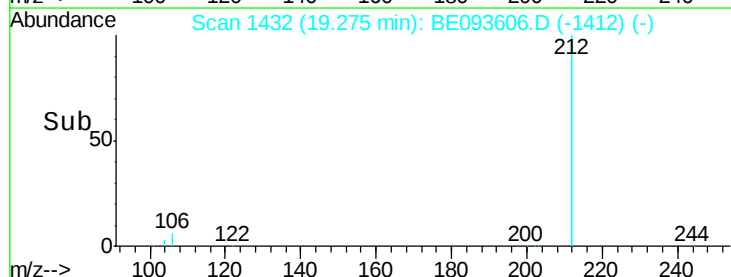
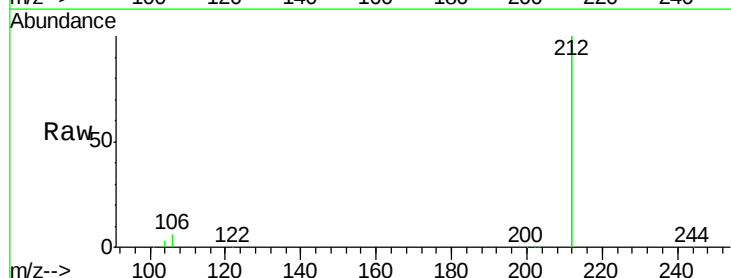
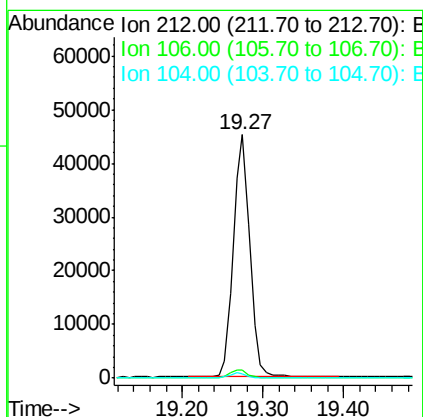
Tgt Ion:212 Resp: 64193

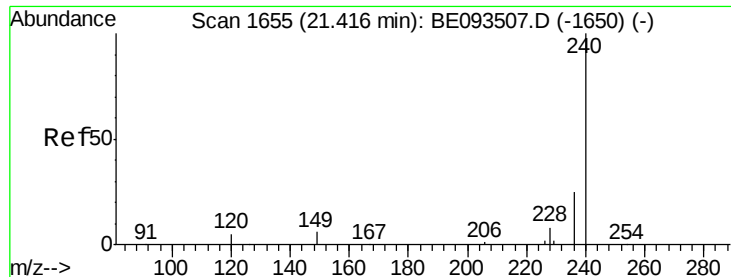
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

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MW-06BR-20170717

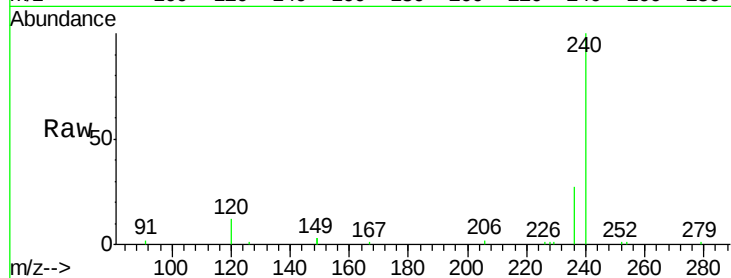
Tgt Ion:240 Resp: 17168

Ion Ratio Lower Upper

240 100

120 11.7 4.6 7.0#

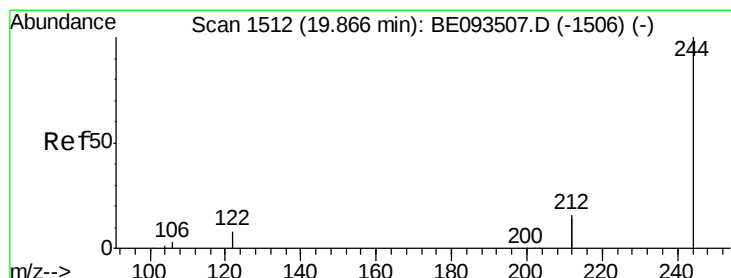
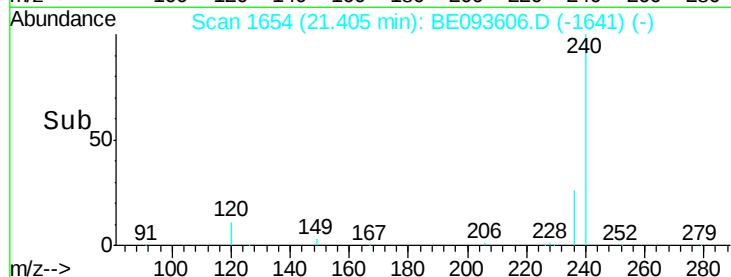
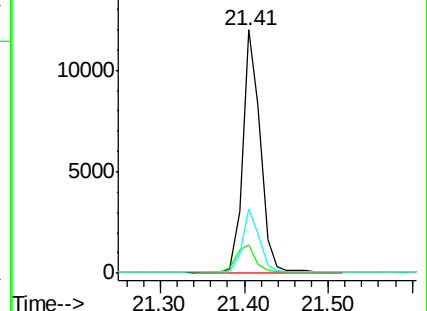
236 26.5 20.8 31.2



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: 0.462 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

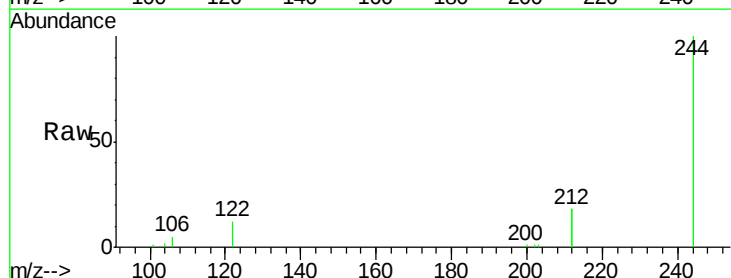
Tgt Ion:244 Resp: 14442

Ion Ratio Lower Upper

244 100

212 35.1 10.6 16.0#

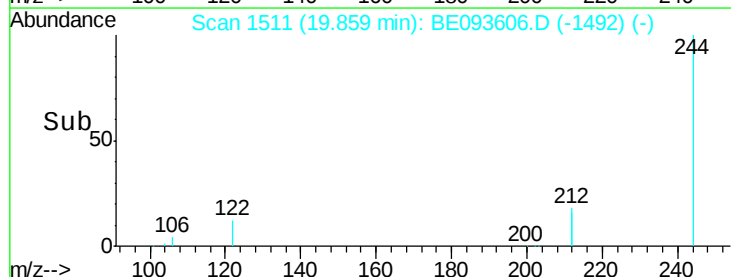
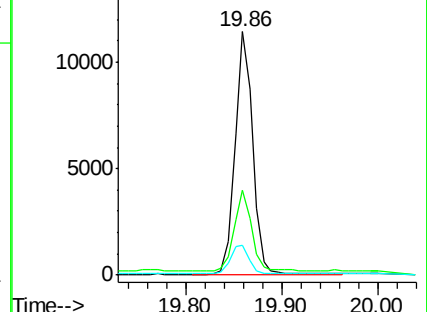
122 12.5 15.4 23.0#

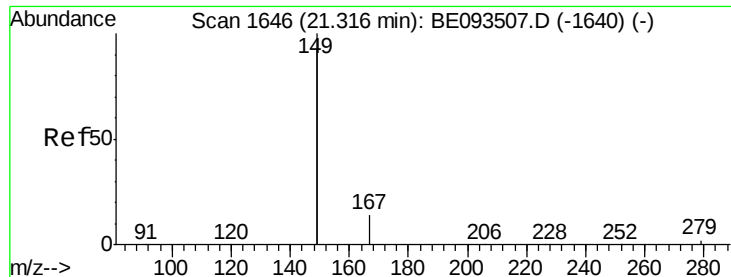


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.31 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

Instrument :

BNA_E

ClientSampleId :

MW-06BR-20170717

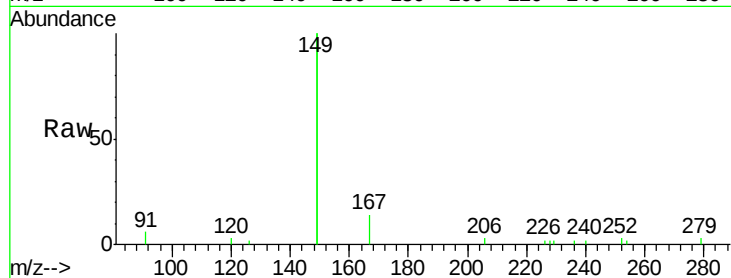
Tgt Ion:149 Resp: 5784

Ion Ratio Lower Upper

149 100

167 7.3 4.8 7.2#

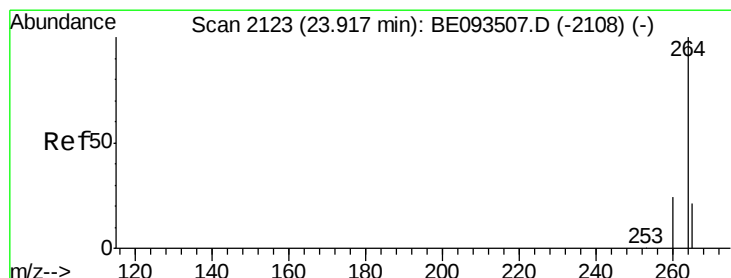
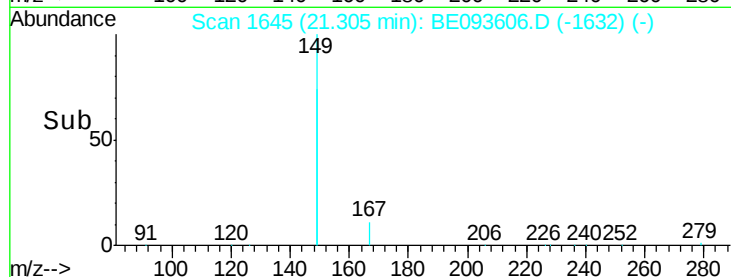
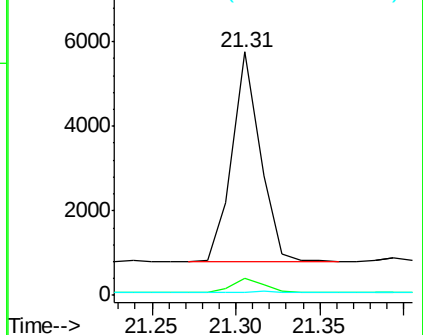
279 1.2 0.8 1.2



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: 23.91 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE093606.D

Acq: 26 Jul 2017 16:02

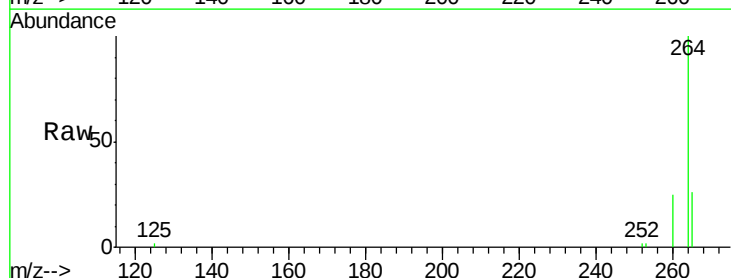
Tgt Ion:264 Resp: 14981

Ion Ratio Lower Upper

264 100

260 25.2 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

