

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093608.D
 Acq On : 26 Jul 2017 17:13
 Operator : SJ/JU
 Sample : I4297-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-02BR-20170718

Quant Time: Jul 27 08:21:03 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

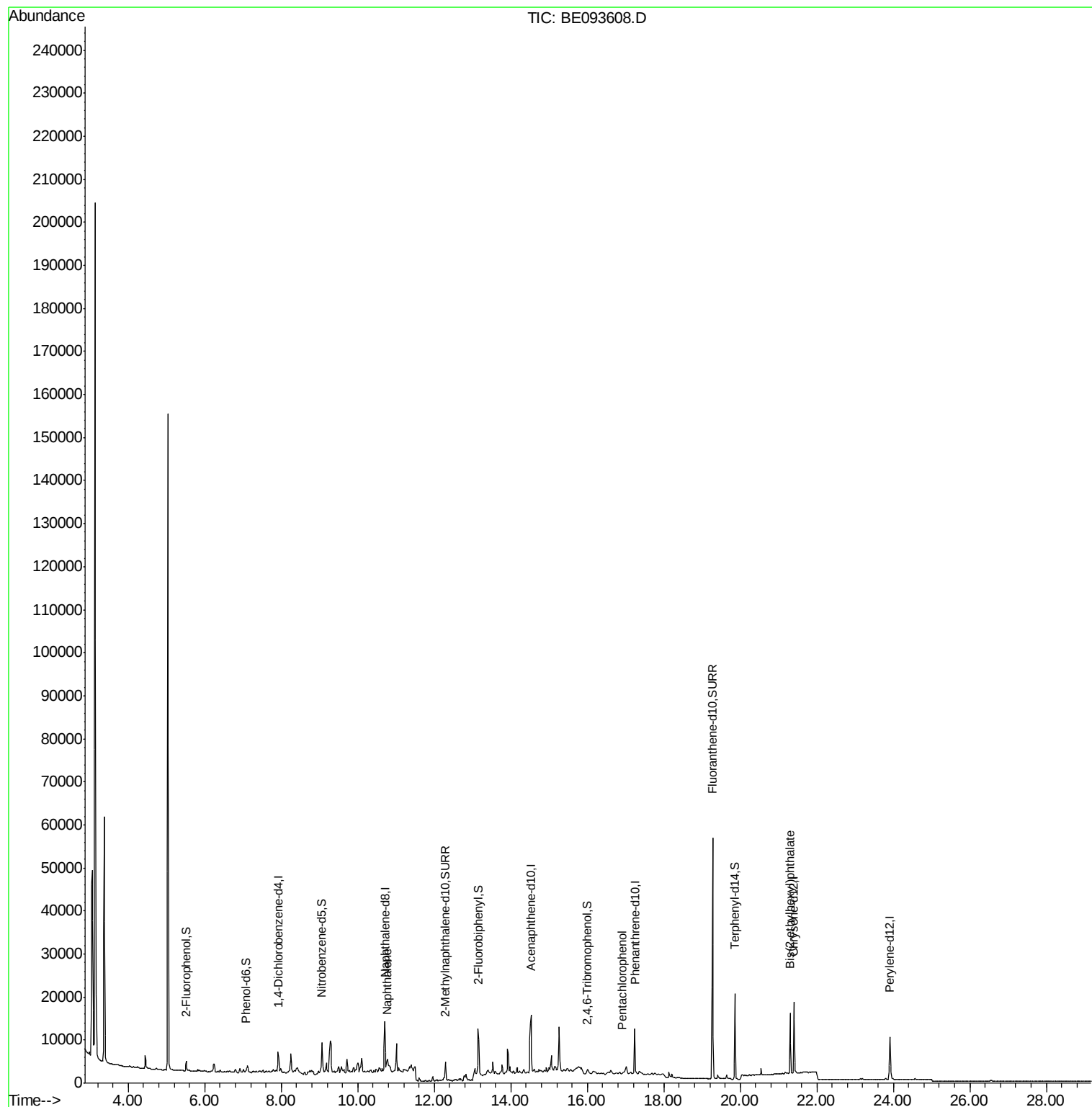
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2399	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11323	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7379	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16984	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17587	0.40	ng	-0.01
34) Perylene-d12	23.91	264	15447	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1228	0.15	ng	0.00
5) Phenol-d6	7.09	99	1052	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	3288	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6473	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	872	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11072	0.38	ng	-0.01
25) Fluoranthene-d10	19.27	212	73367	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	16159	0.50	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	4054	0.031	ng	# 52
22) Pentachlorophenol	16.91	266	27	0.193	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.30	149	15559	0.131	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. -0.01 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

MW-02BR-20170718

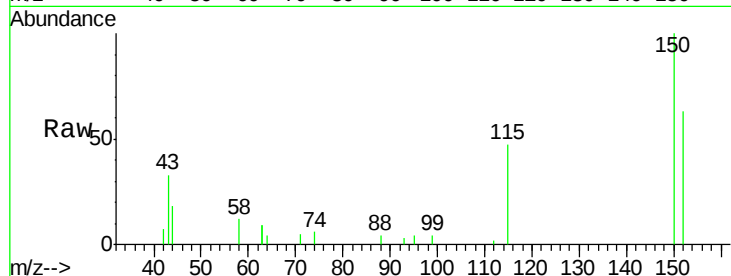
Tgt Ion:152 Resp: 2399

Ion Ratio Lower Upper

152 100

150 159.8 125.1 187.7

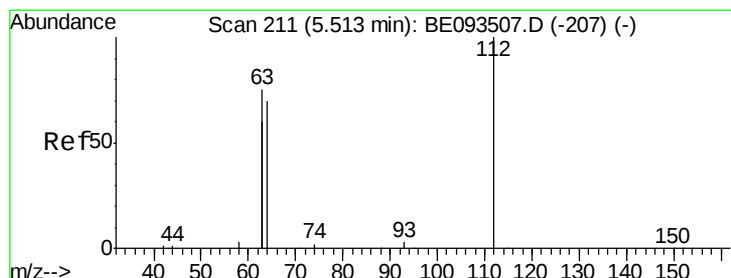
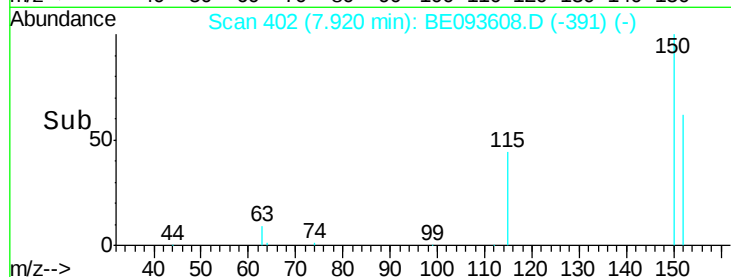
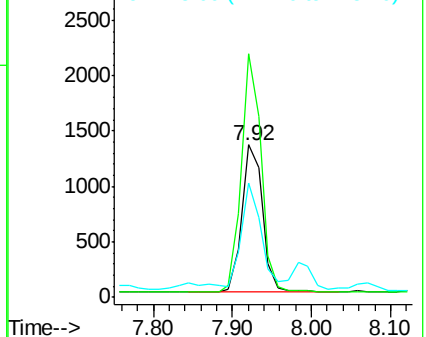
115 75.2 55.7 83.5



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: 0.148 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

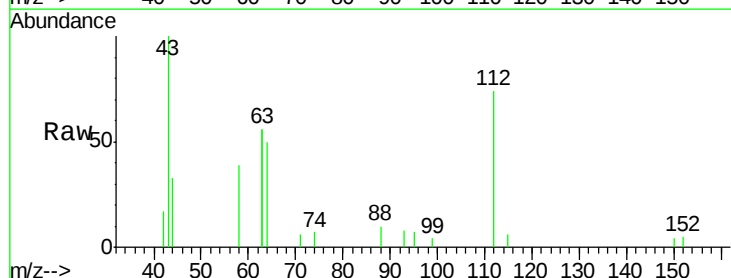
Tgt Ion:112 Resp: 1228

Ion Ratio Lower Upper

112 100

64 69.8 56.4 84.6

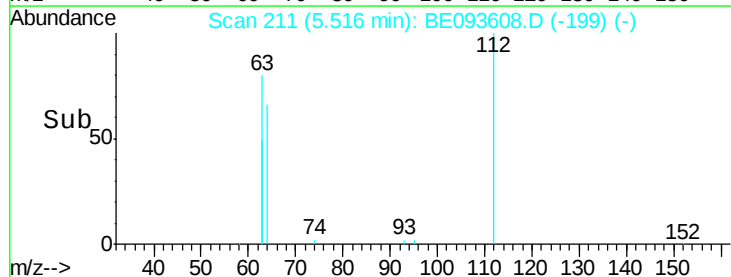
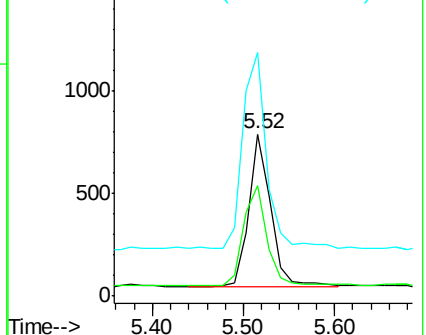
63 141.0 29.3 43.9#

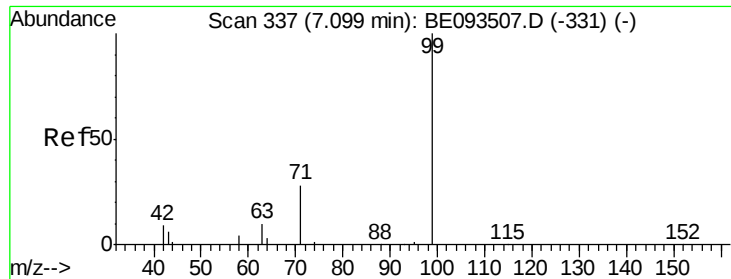


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.090 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

MW-02BR-20170718

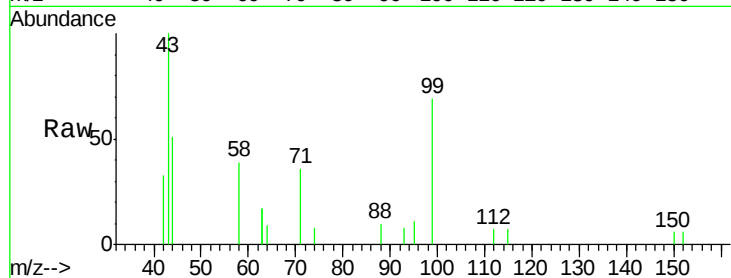
Tgt Ion: 99 Resp: 1052

Ion Ratio Lower Upper

99 100

42 34.5 0.0 0.0#

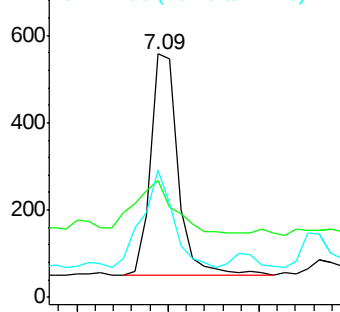
71 50.4 0.0 0.0#



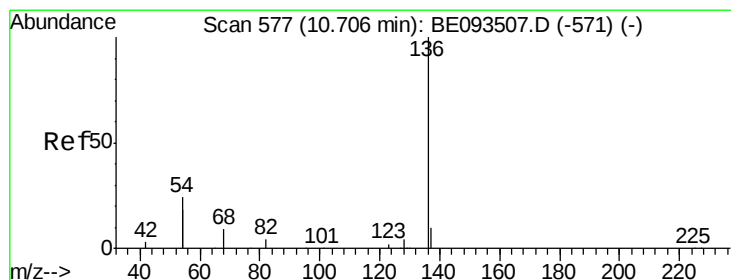
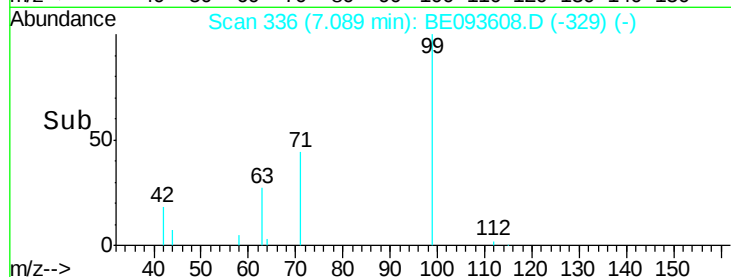
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Tgt Ion: 136 Resp: 11323

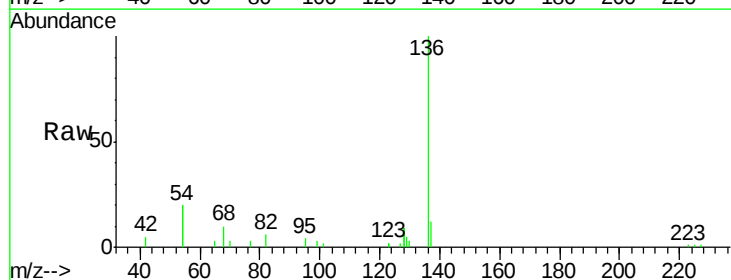
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 40.9 10.3 15.5#

68 9.7 9.0 13.4

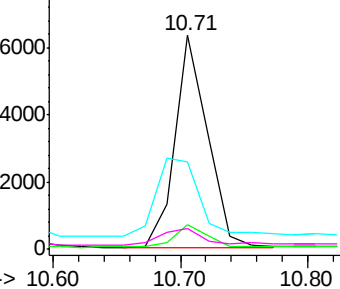


Abundance Ion 136.00 (135.70 to 136.70): E

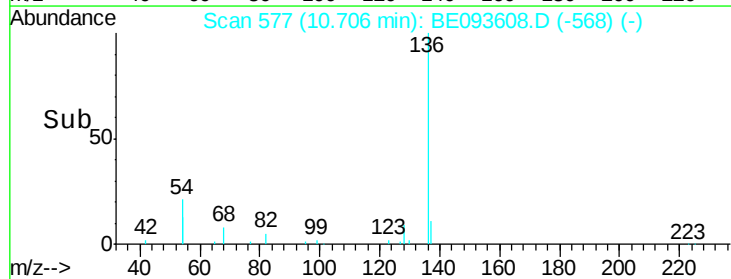
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

MW-02BR-20170718

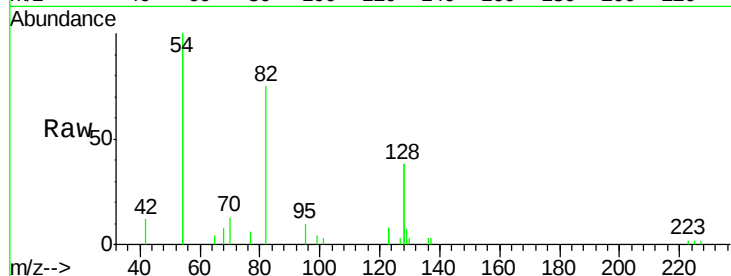
Tgt Ion: 82 Resp: 3288

Ion Ratio Lower Upper

82 100

128 100.4 17.0 25.4#

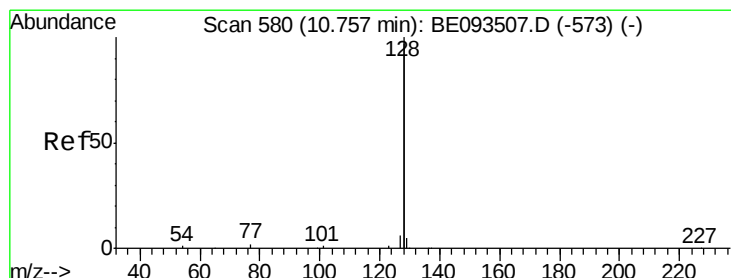
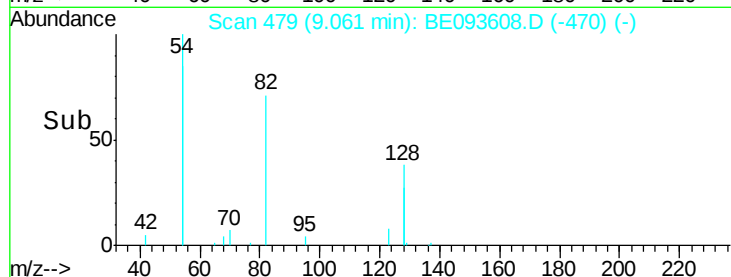
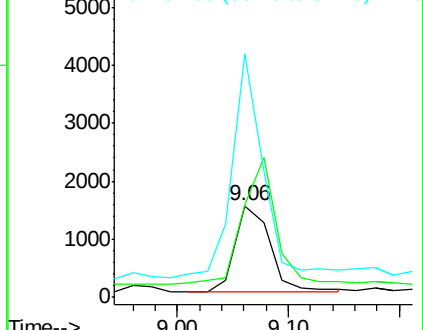
54 264.9 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093507.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093507.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093507.D (-477) (-)



#9

Naphthalene

Concen: 0.031 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.02 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

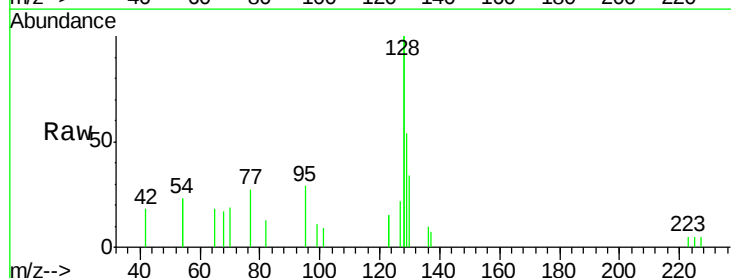
Tgt Ion: 128 Resp: 4054

Ion Ratio Lower Upper

128 100

129 26.9 2.4 3.6#

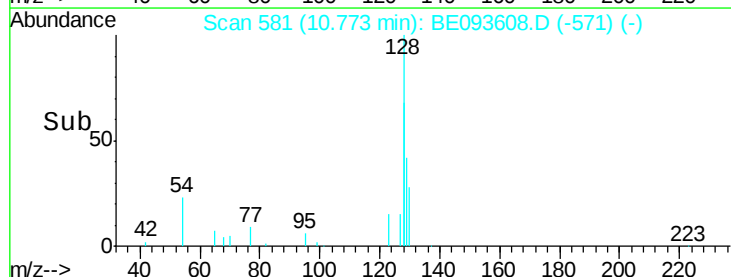
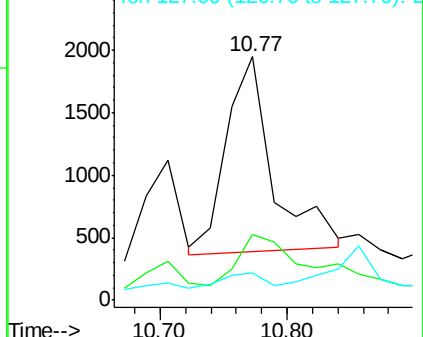
127 11.0 2.4 3.6#

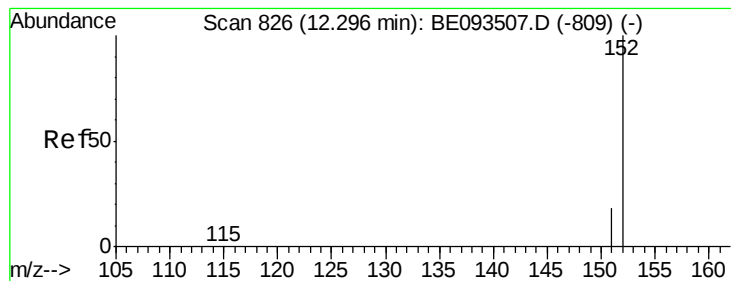


Abundance Ion 128.00 (127.70 to 128.70): BE093507.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE093507.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE093507.D (-573) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

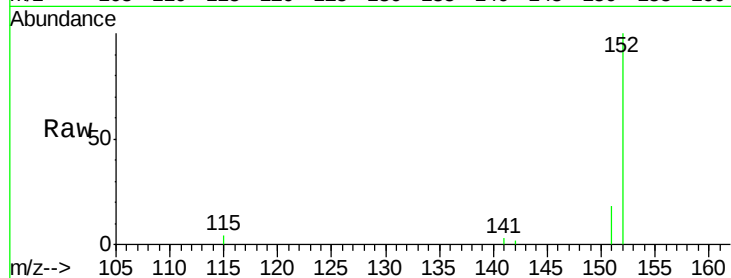
MW-02BR-20170718

Tgt Ion:152 Resp: 6473

Ion Ratio Lower Upper

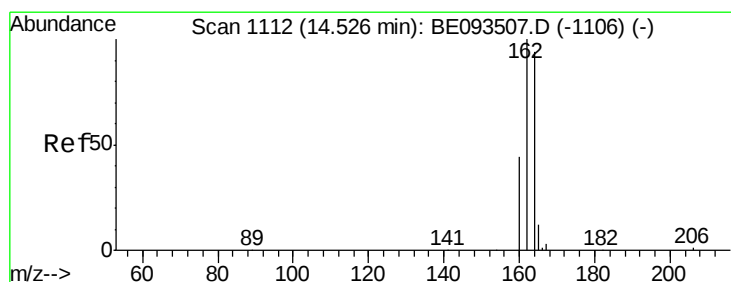
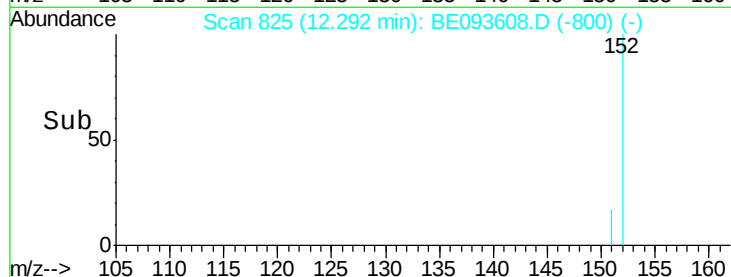
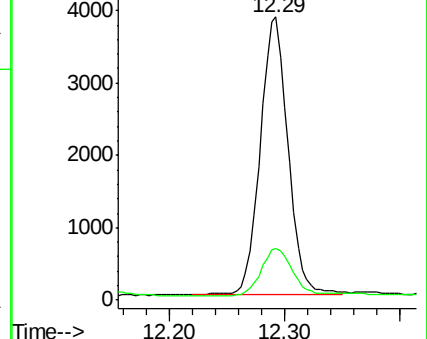
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

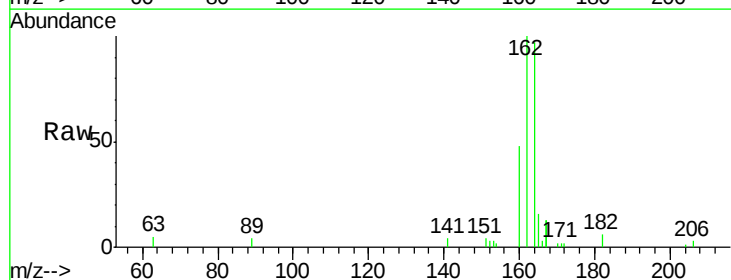
Tgt Ion:164 Resp: 7379

Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

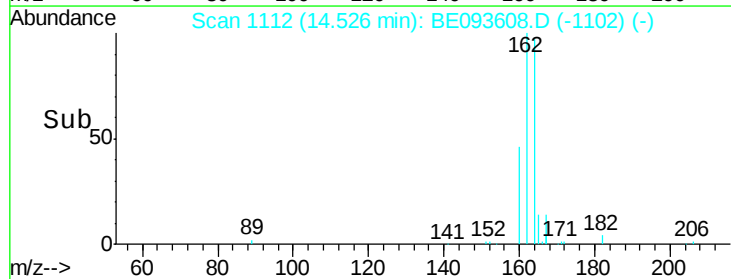
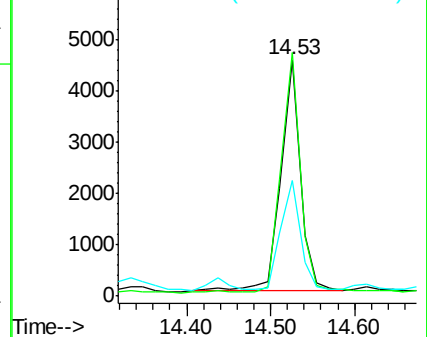
160 49.2 41.8 62.6

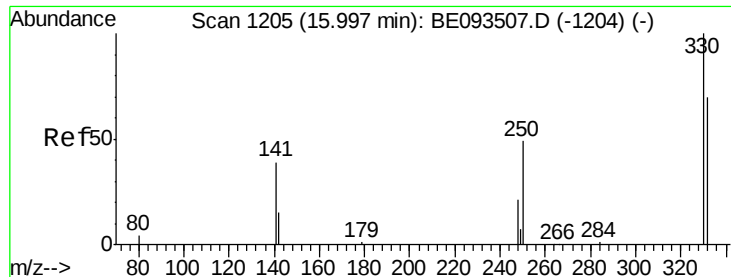


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

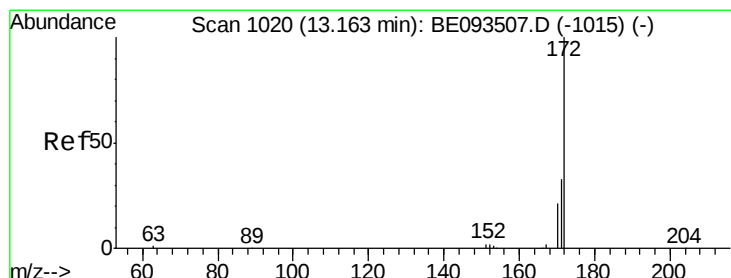
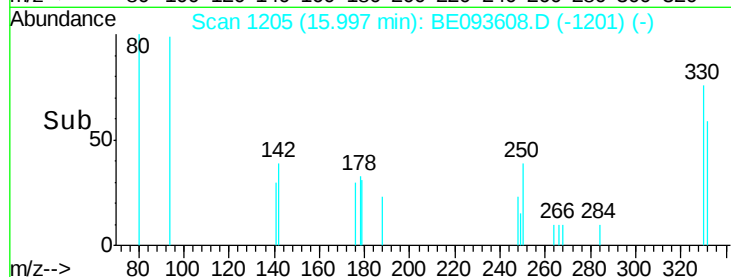
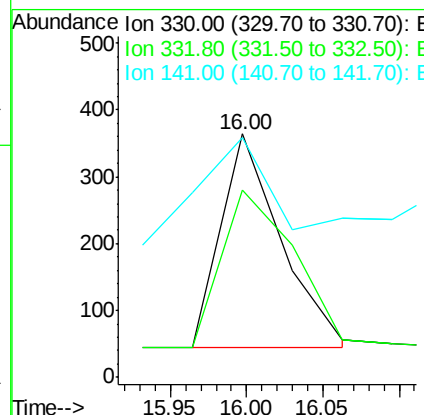
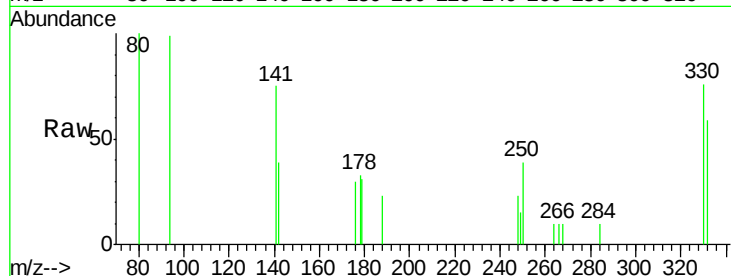




#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093608.D
 Acq: 26 Jul 2017 17:13

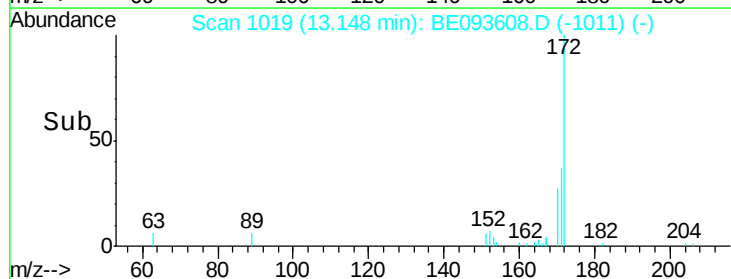
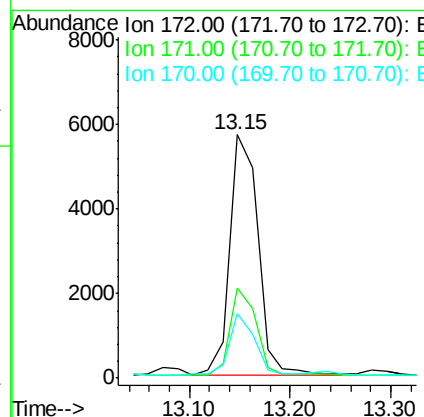
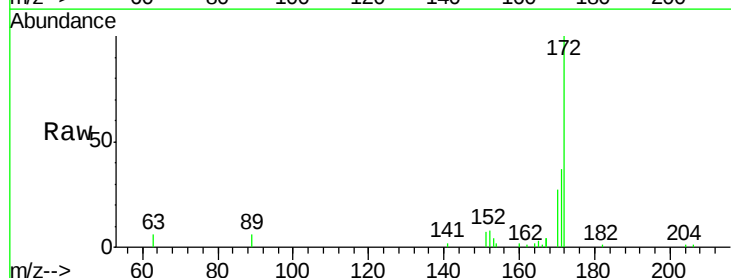
Instrument :
 BNA_E
 ClientSampleId :
 MW-02BR-20170718

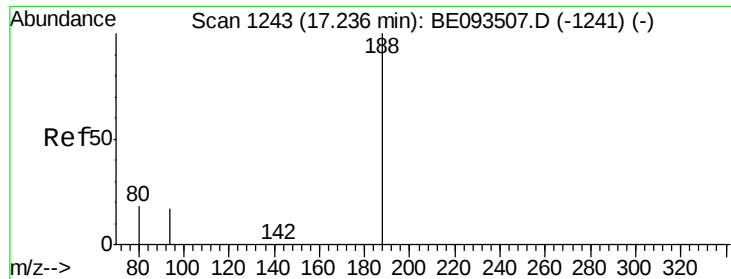
Tgt Ion: 330 Resp: 872
 Ion Ratio Lower Upper
 330 100
 332 89.7 77.7 116.5
 141 59.4 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.381 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE093608.D
 Acq: 26 Jul 2017 17:13

Tgt Ion: 172 Resp: 11072
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 26.5 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: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

MW-02BR-20170718

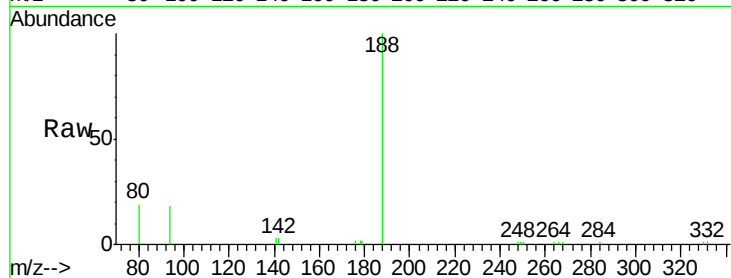
Tgt Ion:188 Resp: 16984

Ion Ratio Lower Upper

188 100

94 18.5 11.3 16.9#

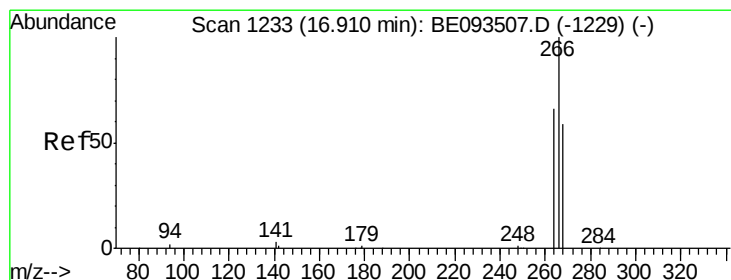
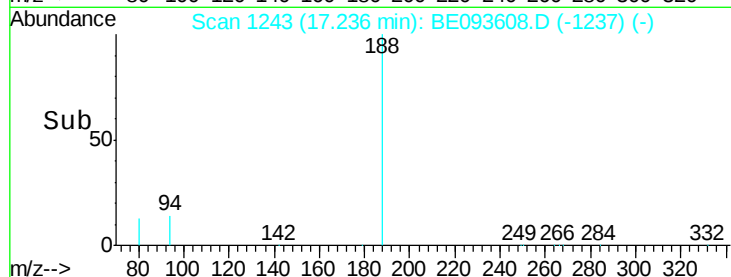
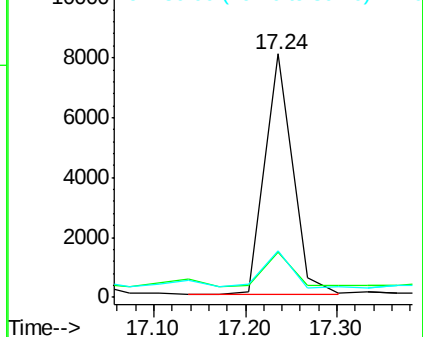
80 18.9 11.7 17.5#



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: 0.193 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

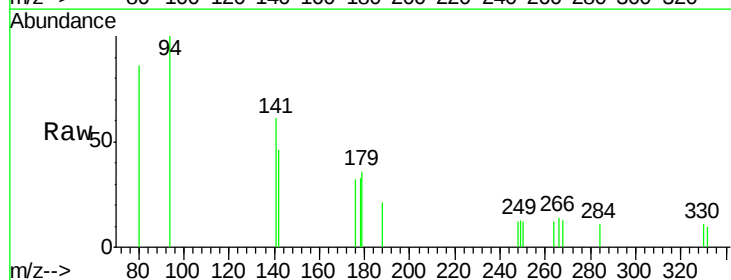
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 91.2 56.0 84.0#

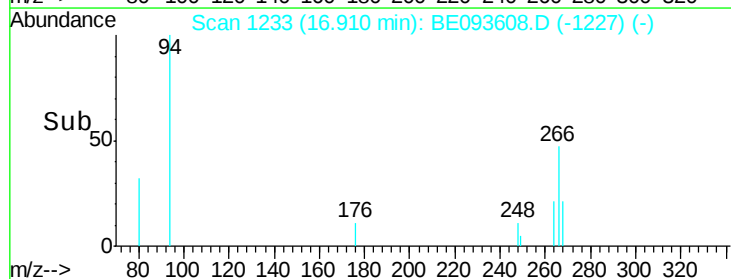
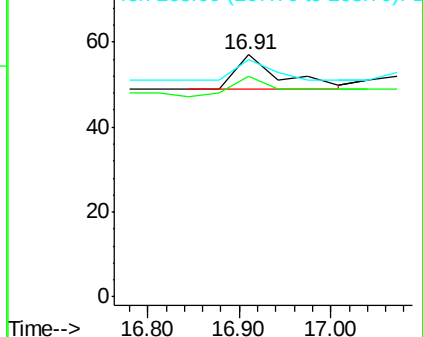
268 98.2 52.0 78.0#

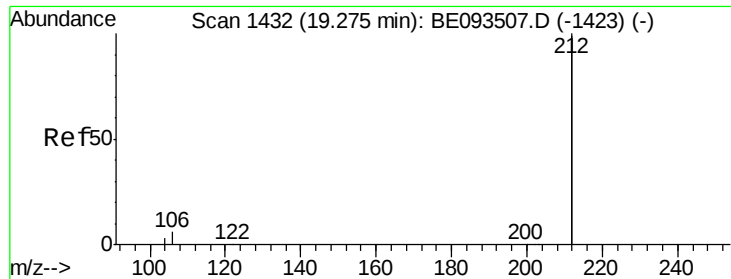


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.271 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

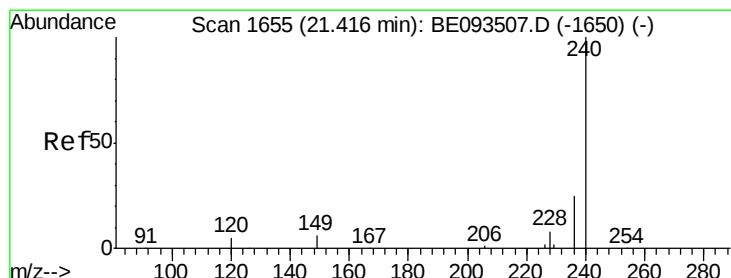
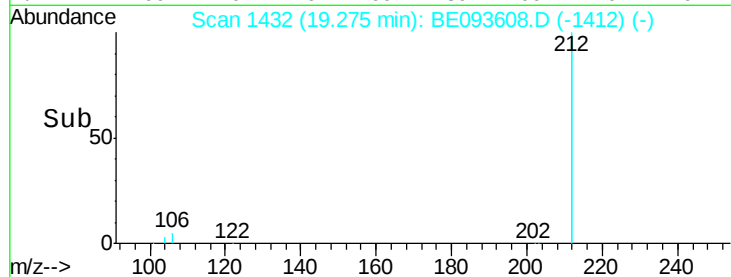
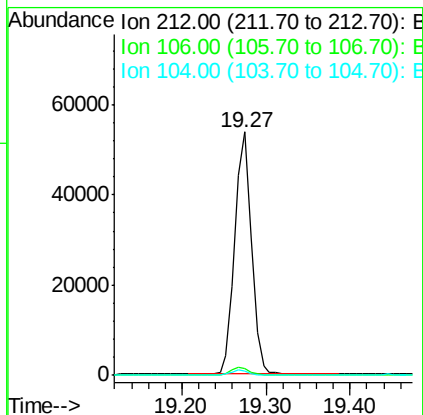
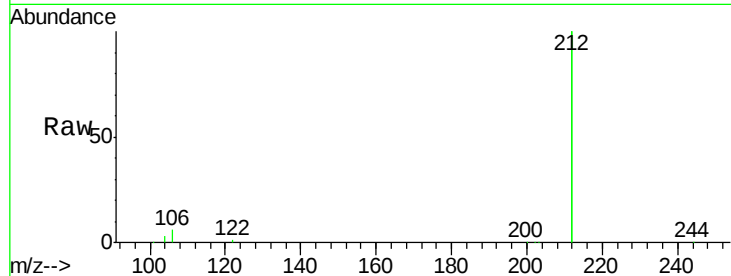
BNA_E

ClientSampleId :

MW-02BR-20170718

Tgt Ion:212 Resp: 73367

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

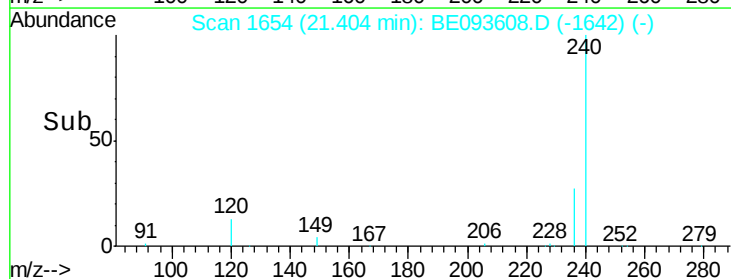
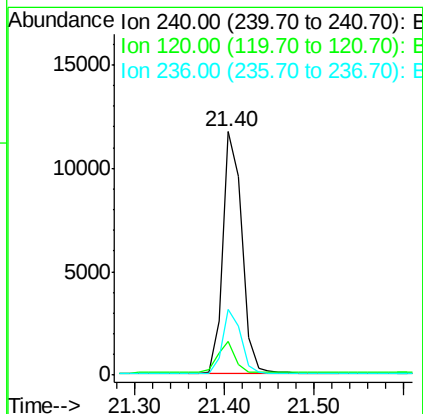
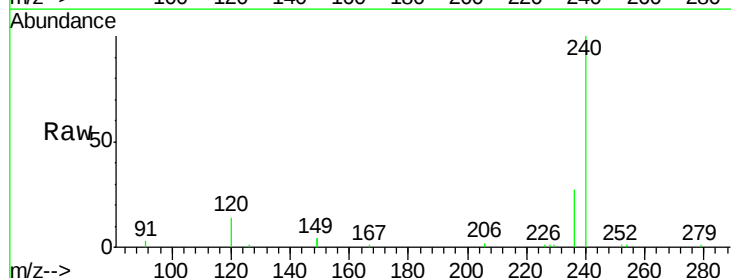
Delta R.T. -0.01 min

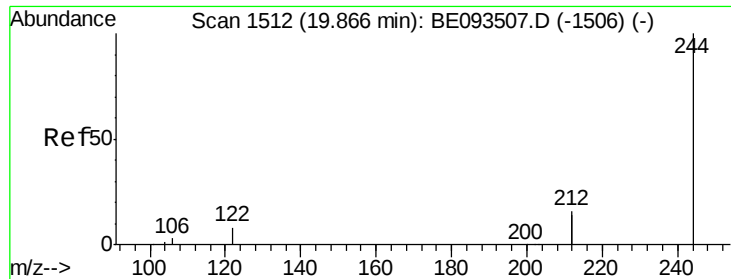
Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Tgt Ion:240 Resp: 17587

Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.6	7.0#
236	27.2	20.8	31.2





#29

Terphenyl-d14

Concen: 0.505 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

MW-02BR-20170718

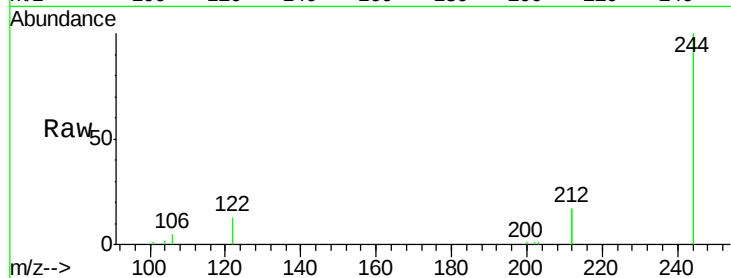
Tgt Ion:244 Resp: 16159

Ion Ratio Lower Upper

244 100

212 34.2 10.6 16.0#

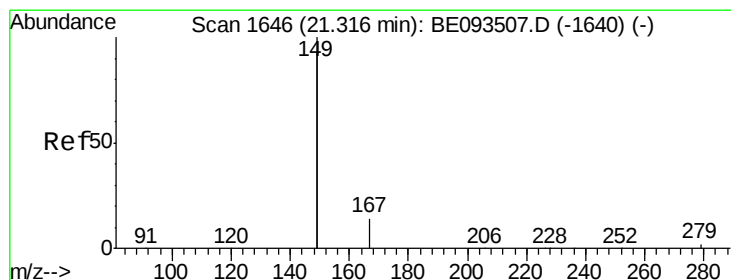
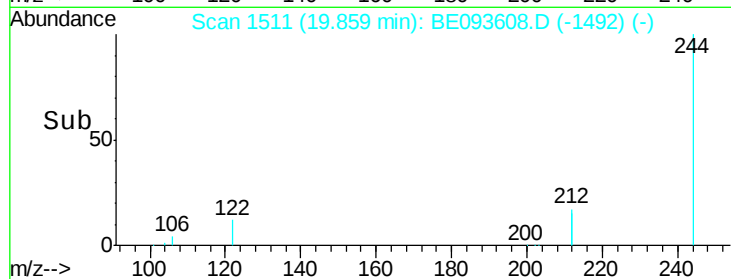
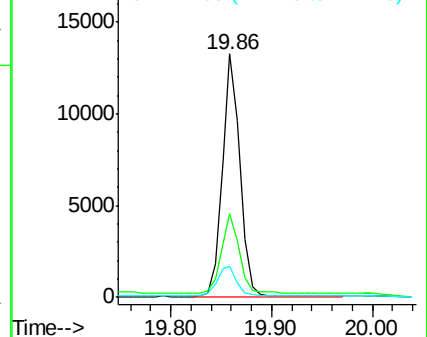
122 12.7 15.4 23.0#



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: 0.131 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

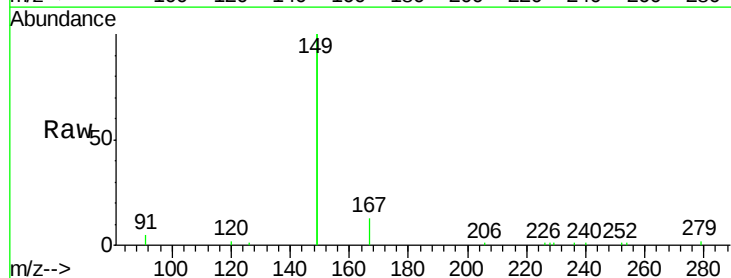
Tgt Ion:149 Resp: 15559

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

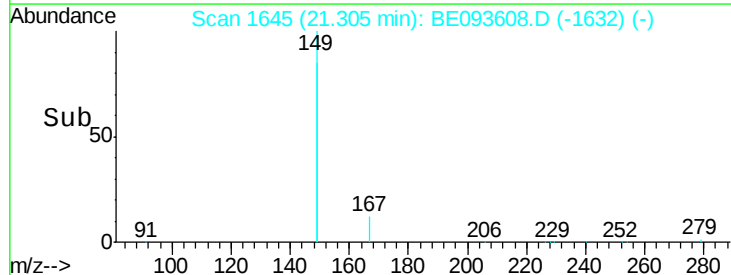
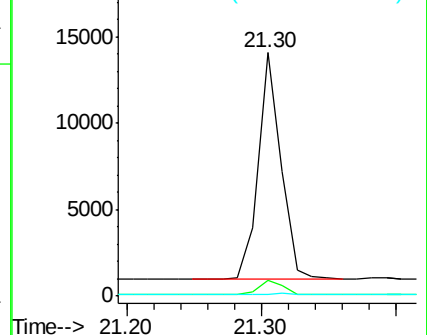
279 1.0 0.8 1.2

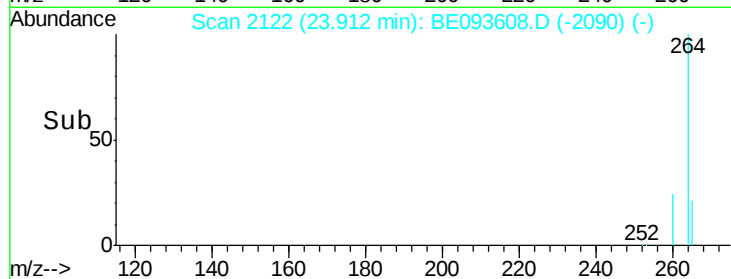
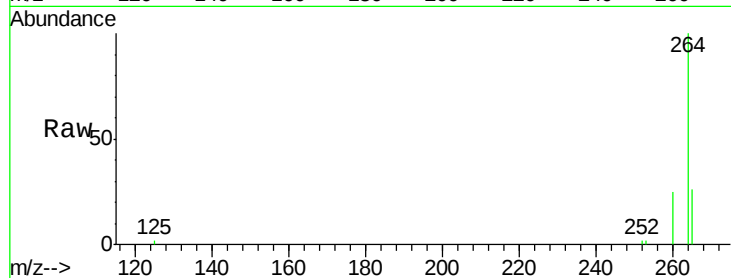
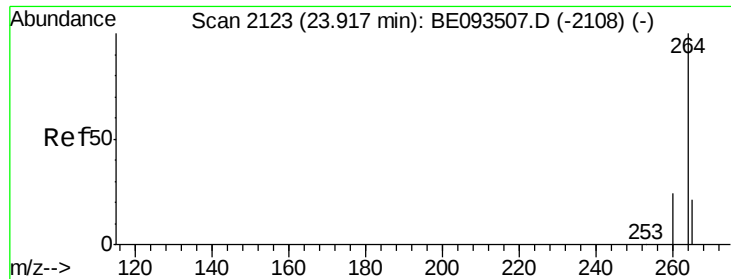


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE093608.D

Acq: 26 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

MW-02BR-20170718

Tgt Ion: 264 Resp: 15447

Ion Ratio Lower Upper

264 100

260 25.0 21.0 31.4

265 26.3 24.6 36.8

