

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
 Data File : BE093444.D
 Acq On : 7 Jul 2017 15:43
 Operator : SJ/JU
 Sample : I4009-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-15BR-20170630

Quant Time: Jul 07 18:08:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

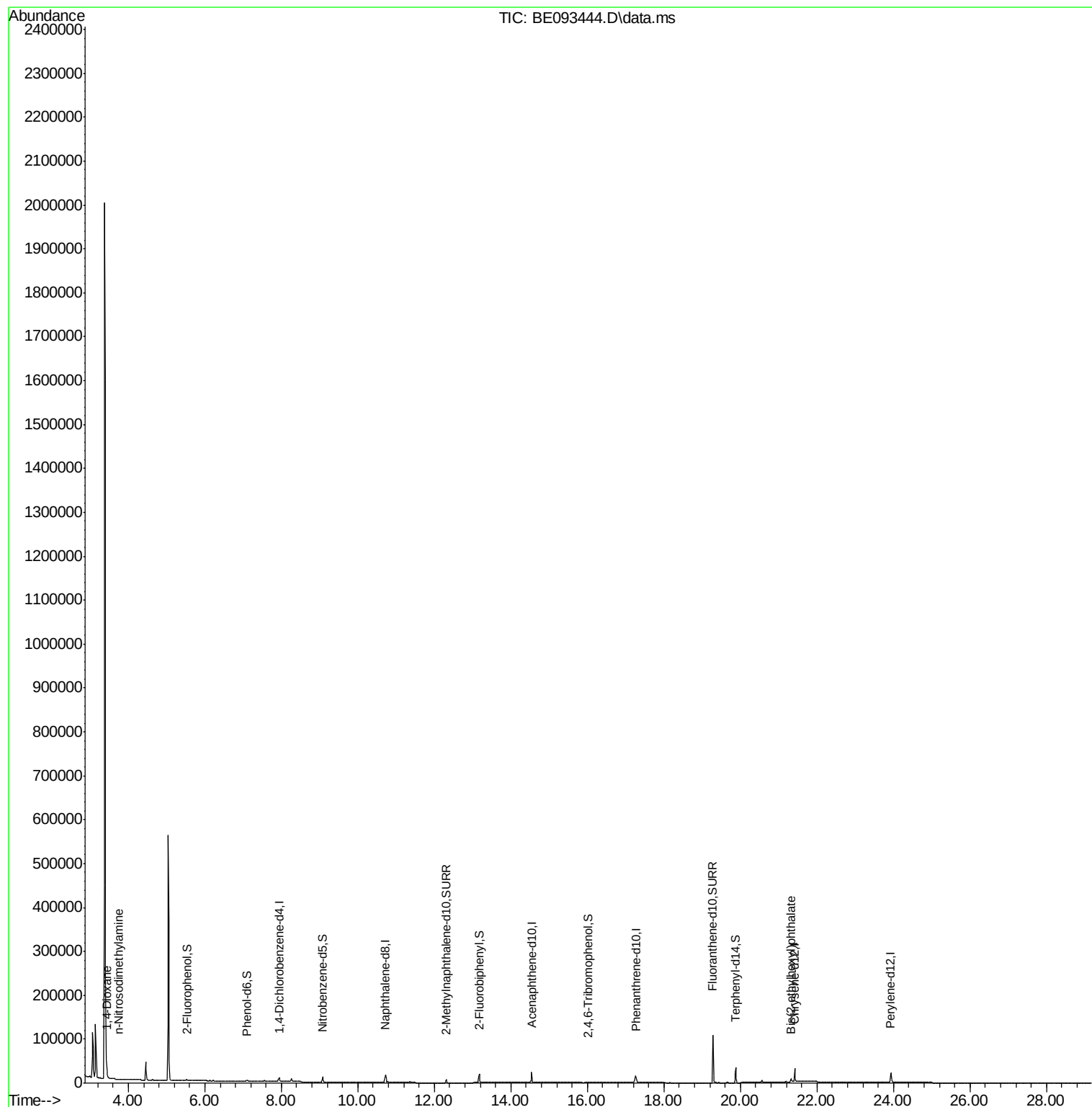
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.943	152	3839	0.40	ng	0.00
7) Naphthalene-d8	10.723	136	19672	0.40	ng	0.00
13) Acenaphthene-d10	14.540	164	13118	0.40	ng	0.00
19) Phenanthrene-d10	17.267	188	32117	0.40	ng	0.00
27) Chrysene-d12	21.427	240	36074	0.40	ng	0.00
34) Perylene-d12	23.934	264	31169	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.526	112	1953	0.17	ng	0.00
5) Phenol-d6	7.099	99	1903	0.11	ng	0.00
8) Nitrobenzene-d5	9.078	82	5192	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	11645	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.029	330	1347	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.177	172	21465	0.42	ng	0.00
25) Fluoranthene-d10	19.290	212	149204	0.39	ng	0.00
29) Terphenyl-d14	19.874	244	29741	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	4010	0.49	ng	# 1
3) n-Nitrosodimethylamine	3.751	42	214	0.16	ng	# 1
22) Pentachlorophenol	16.909	266	27	Below Cal		# 80
32) Bis(2-ethylhexyl)phtha...	21.327	149	9444	0.07	ng	# 65

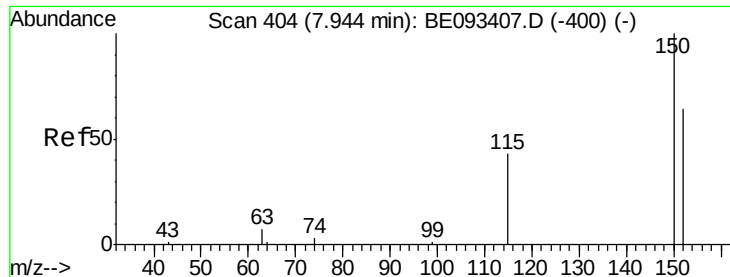
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.943 min Scan# 40

Delta R.T. -0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

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BNA_E

ClientSampleId :

MW-15BR-20170630

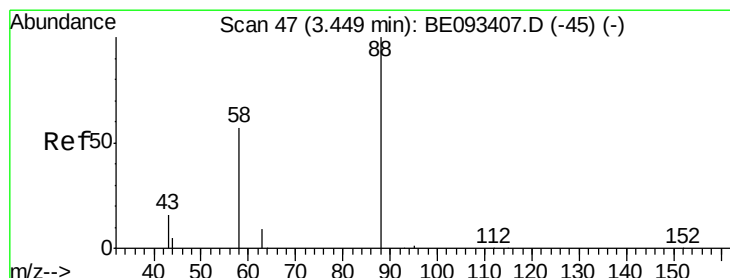
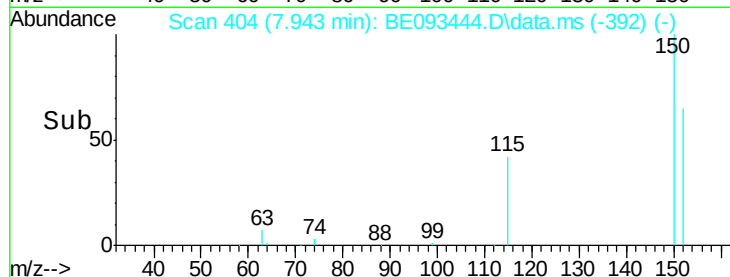
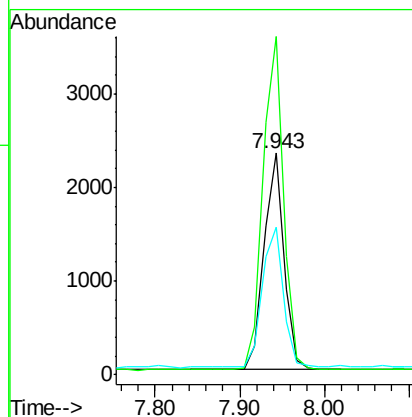
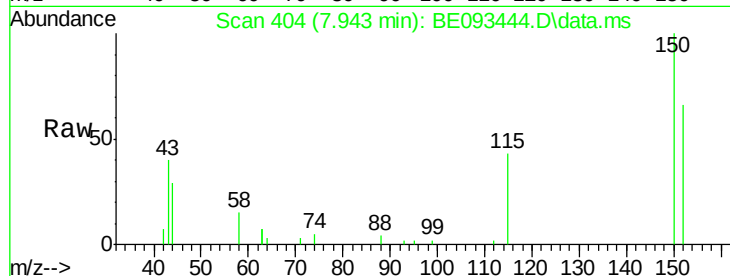
Tot Ion:152 Resp: 3839

Ion Ratio Lower Upper

152 100

150 152.6 125.1 187.7

115 66.3 55.7 83.5



#2

1,4-Dioxane

Concen: 0.49 ng

RT: 3.448 min Scan# 47

Delta R.T. -0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

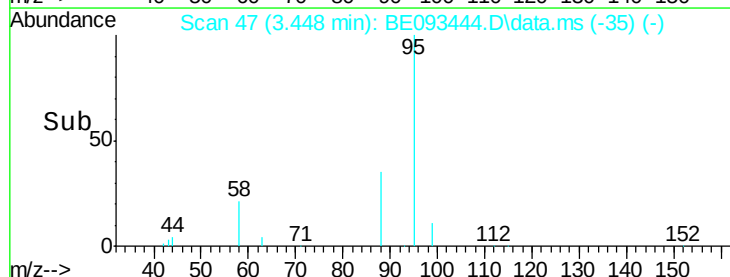
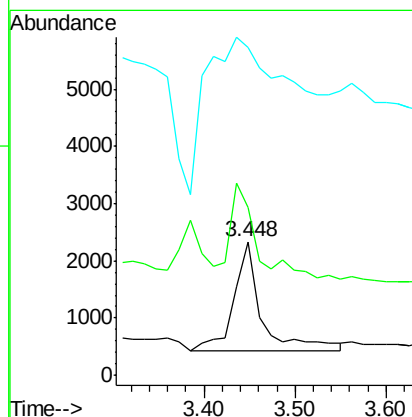
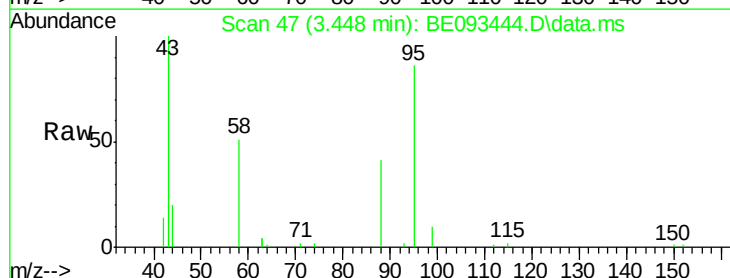
Tgt Ion: 88 Resp: 4010

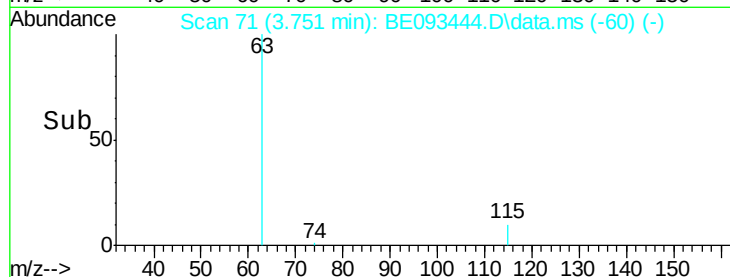
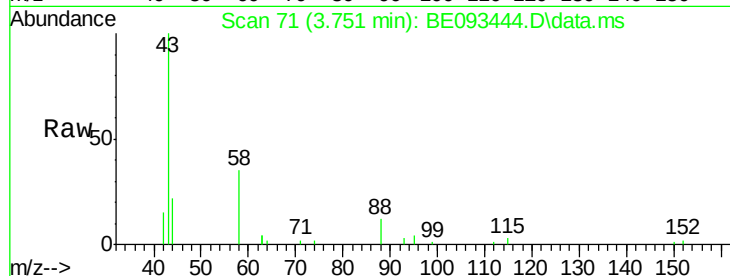
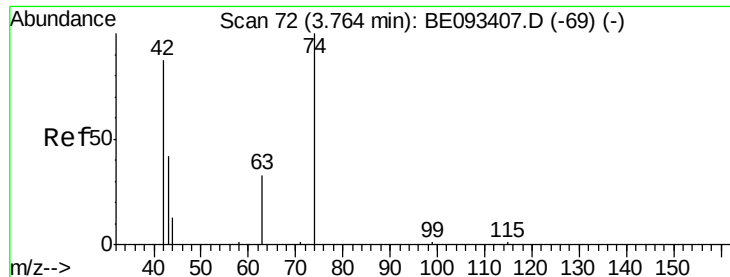
Ion Ratio Lower Upper

88 100

58 83.1 62.2 93.4

43 454.5 23.2 34.8#

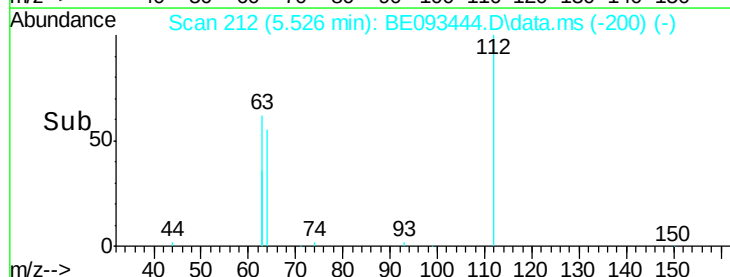
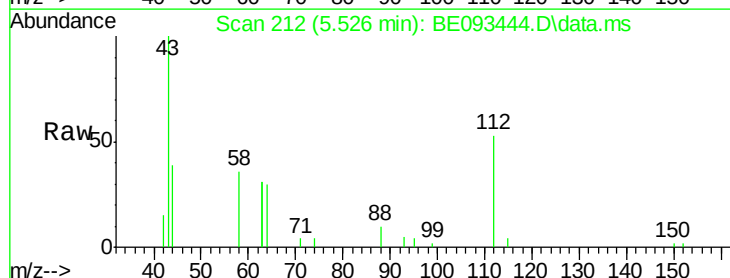
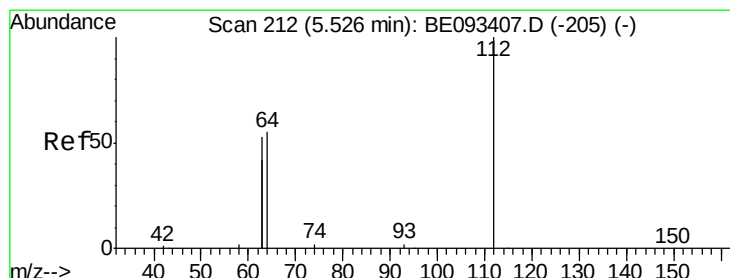
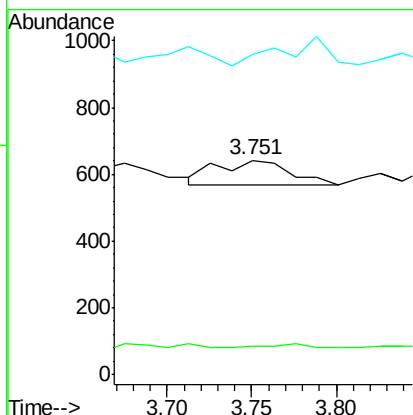




#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.751 min Scan# 71
Delta R.T. -0.012 min
Lab File: BE093444.D
Acq: 7 Jul 2017 15:43

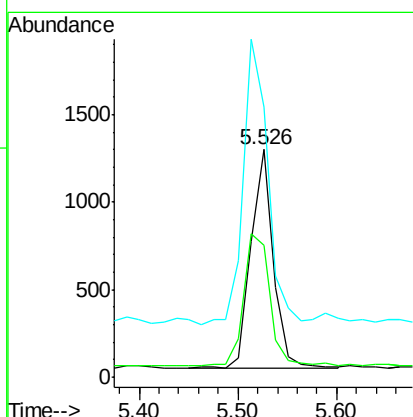
Instrument :
BNA_E
ClientSampleId :
MW-15BR-20170630

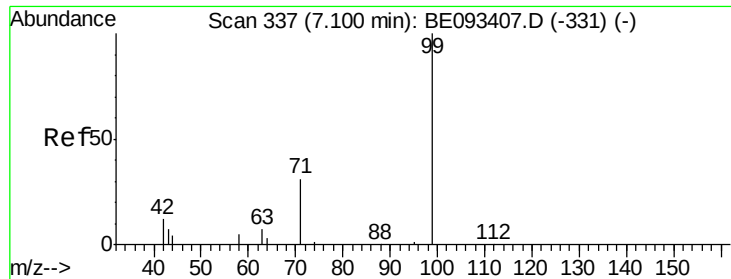
Tot Ion: 42 Resp: 214
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 39.7 7.4 11.2#



#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.526 min Scan# 212
Delta R.T. -0.001 min
Lab File: BE093444.D
Acq: 7 Jul 2017 15:43

Tgt Ion: 112 Resp: 1953
Ion Ratio Lower Upper
112 100
64 72.0 56.4 84.6
63 143.3 29.3 43.9#





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.099 min Scan# 33

Delta R.T. -0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

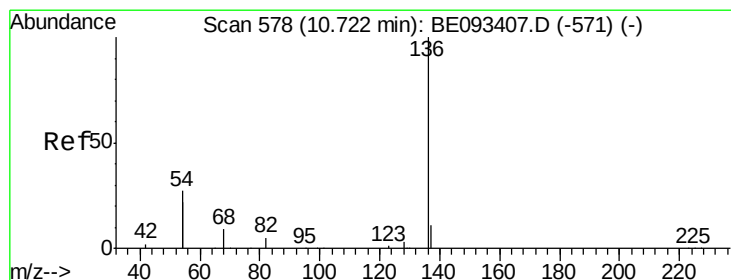
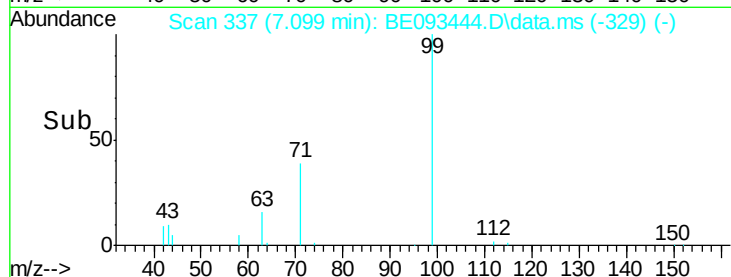
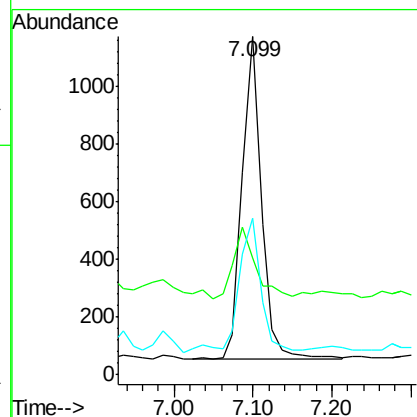
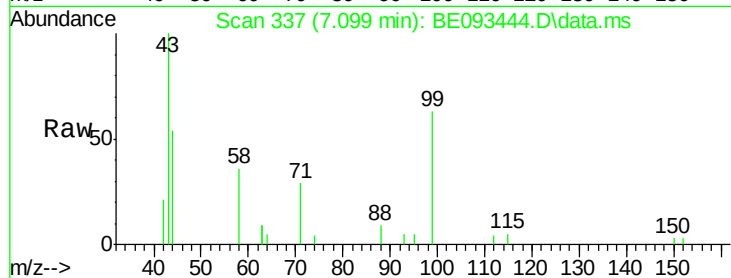
Tot Ion: 99 Resp: 1903

Ion Ratio Lower Upper

99 100

42 24.8 0.0 0.0#

71 43.6 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.723 min Scan# 578

Delta R.T. 0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Tgt Ion: 136 Resp: 19672

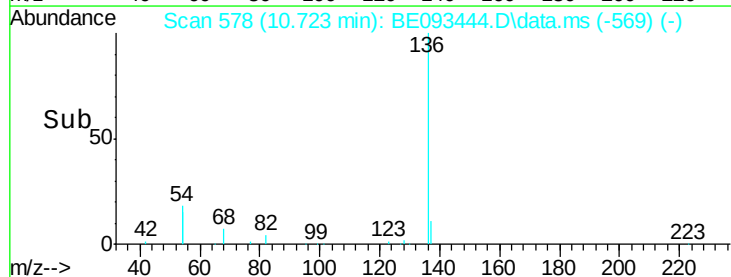
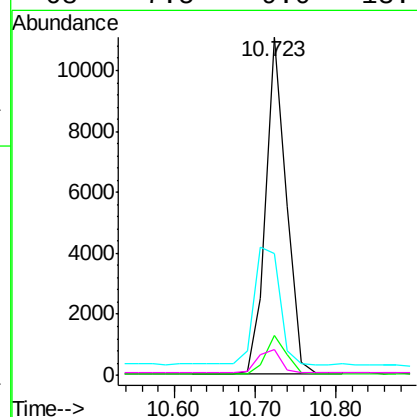
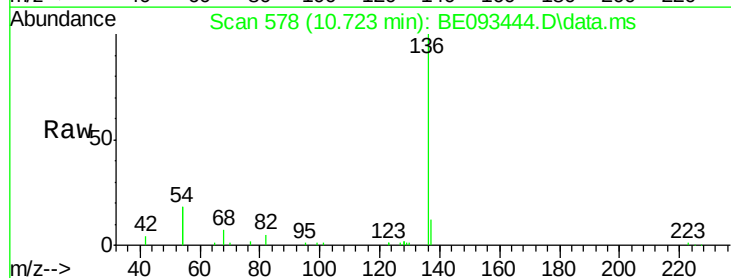
Ion Ratio Lower Upper

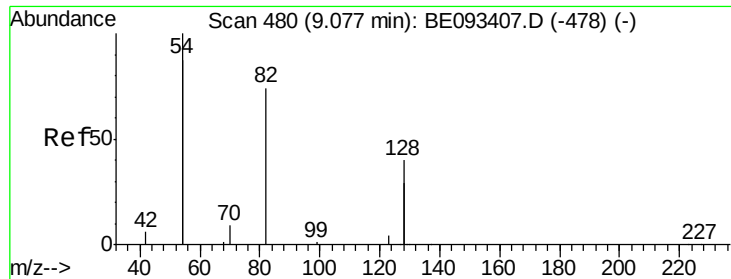
136 100

137 11.7 9.8 14.8

54 36.2 10.3 15.5#

68 7.5 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.41 ng

RT: 9.078 min Scan# 48

Delta R.T. 0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

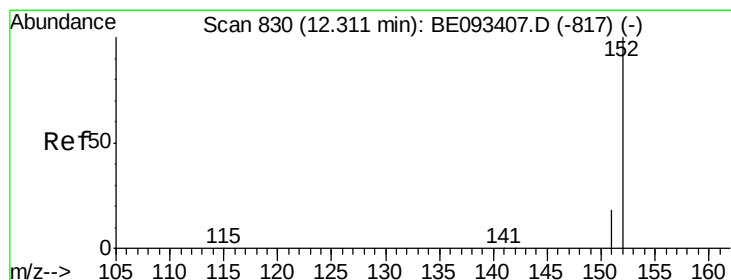
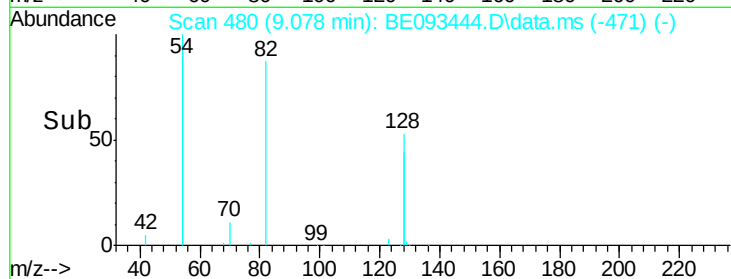
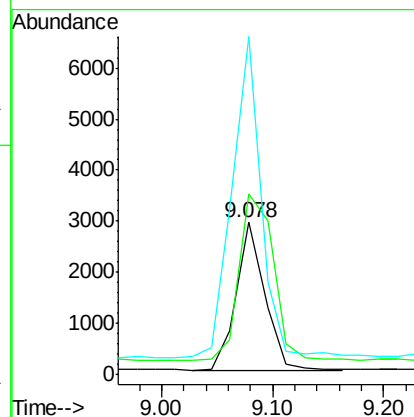
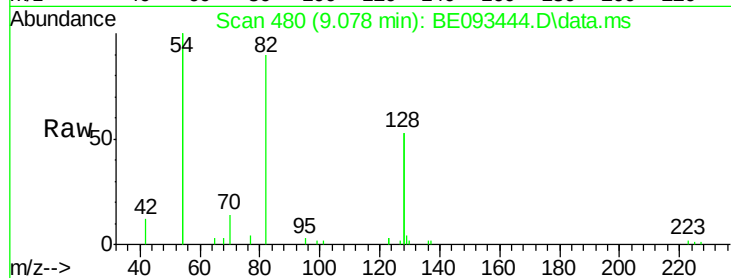
Tot Ion: 82 Resp: 5192

Ion Ratio Lower Upper

82 100

128 118.5 17.0 25.4#

54 222.4 53.8 80.6#



#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.306 min Scan# 829

Delta R.T. -0.005 min

Lab File: BE093444.D

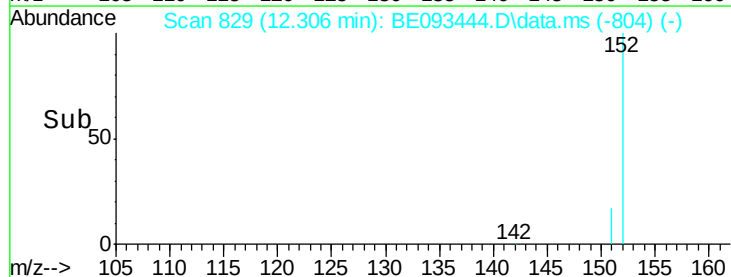
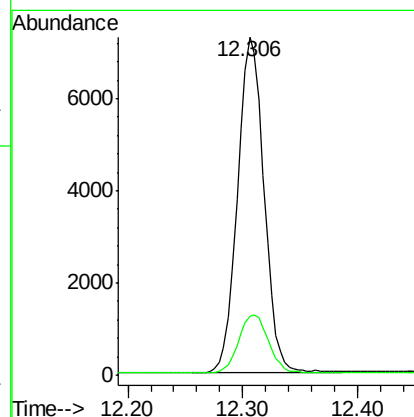
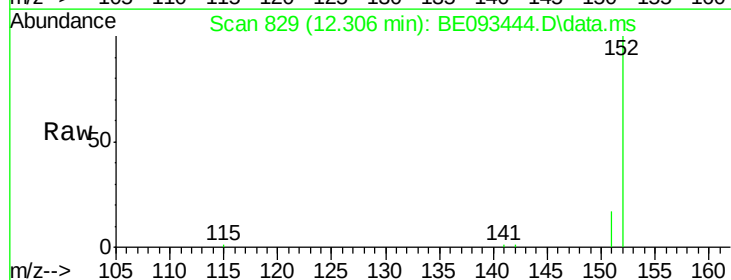
Acq: 7 Jul 2017 15:43

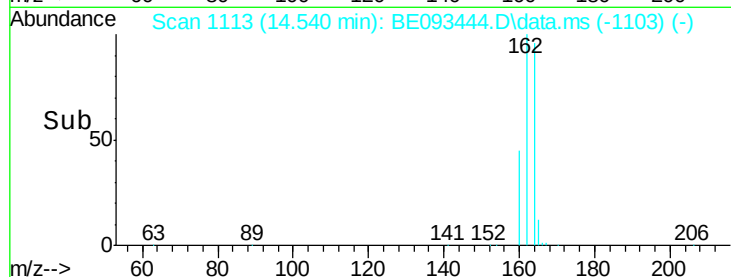
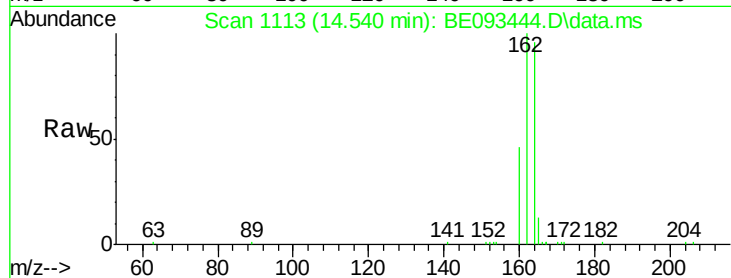
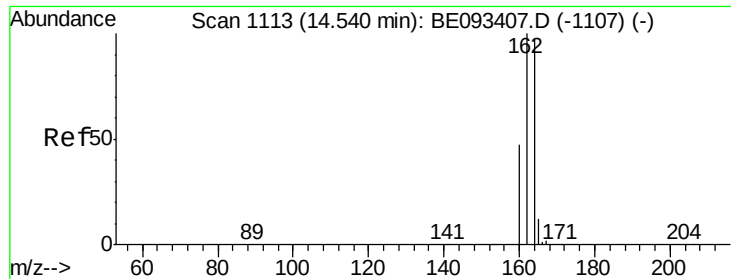
Tgt Ion: 152 Resp: 11645

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.540 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

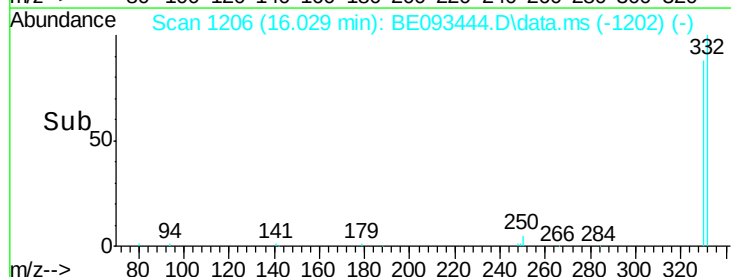
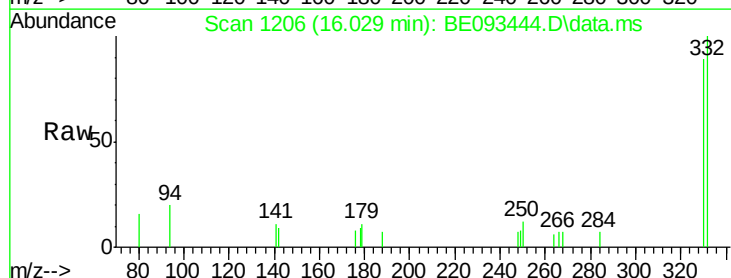
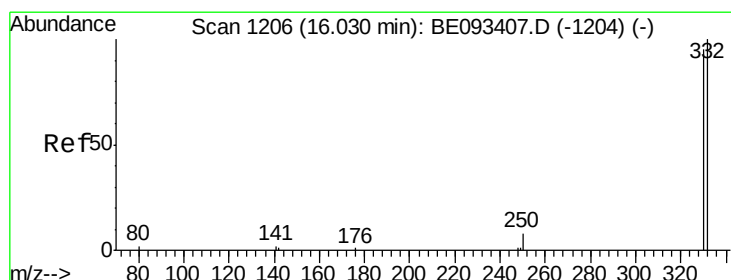
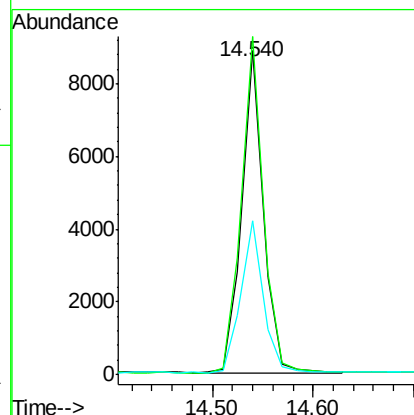
Tot Ion:164 Resp: 13118

Ion Ratio Lower Upper

164 100

162 104.2 84.6 127.0

160 47.4 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.33 ng

RT: 16.029 min Scan# 1206

Delta R.T. -0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

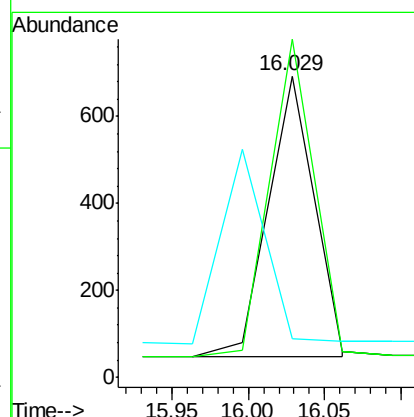
Tgt Ion:330 Resp: 1347

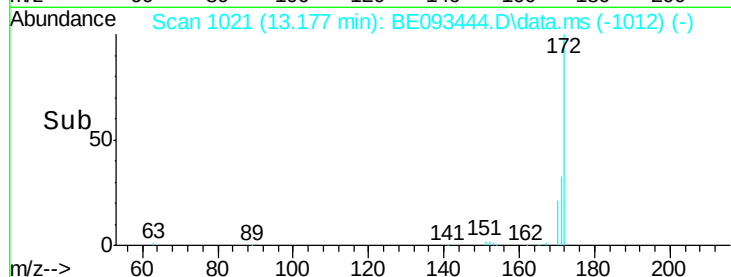
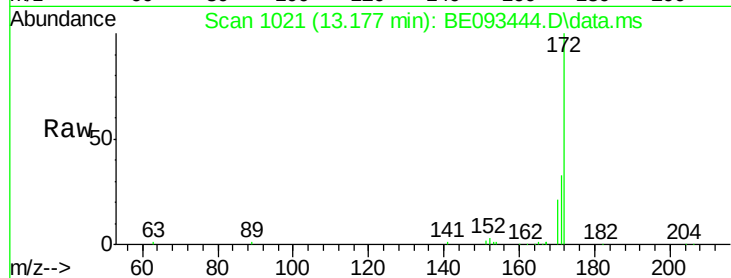
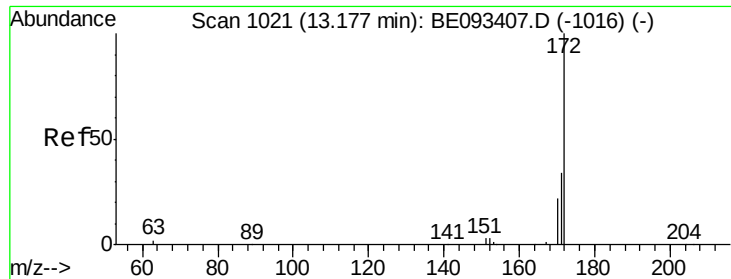
Ion Ratio Lower Upper

330 100

332 109.9 77.7 116.5

141 0.0 56.2 84.4#

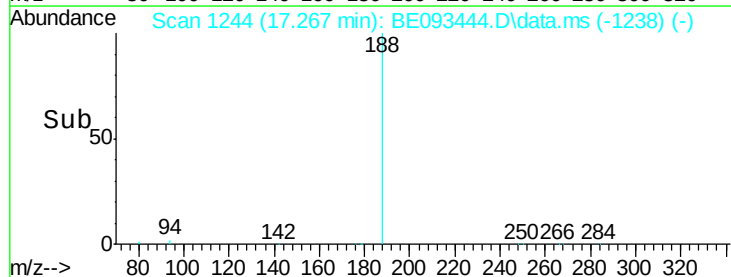
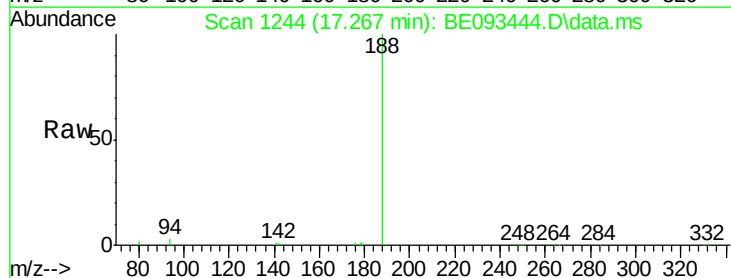
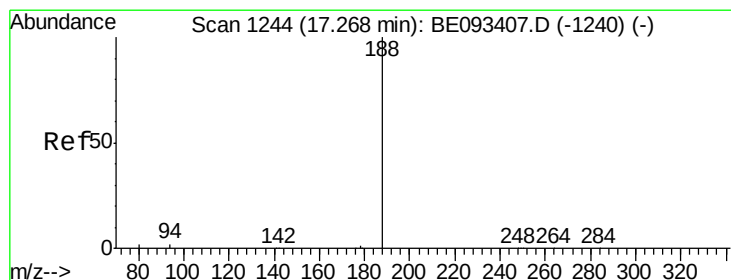
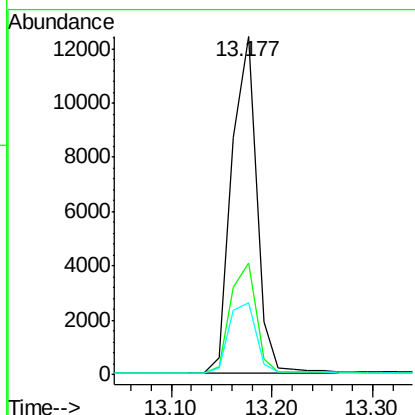




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.177 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE093444.D
Acq: 7 Jul 2017 15:43

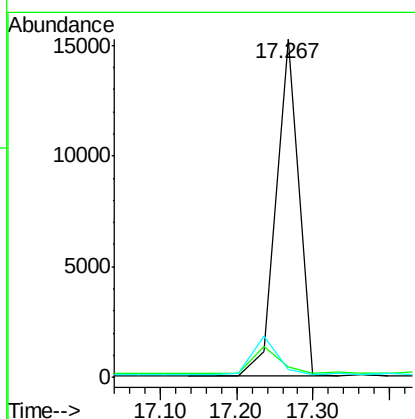
Instrument :
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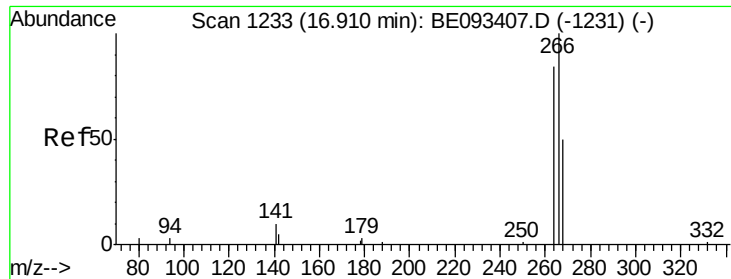
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.8	44.6
170	21.2	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.267 min Scan# 1244
Delta R.T. -0.001 min
Lab File: BE093444.D
Acq: 7 Jul 2017 15:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.0	11.3	16.9#
80	2.3	11.7	17.5#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.909 min Scan# 12

Delta R.T. -0.000 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

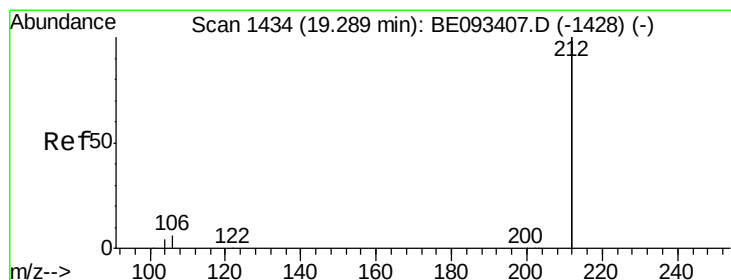
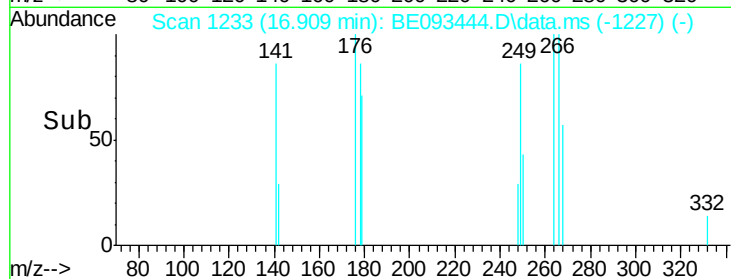
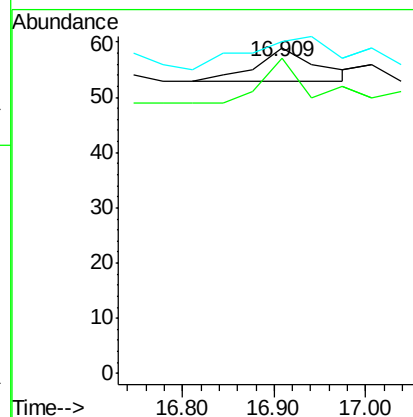
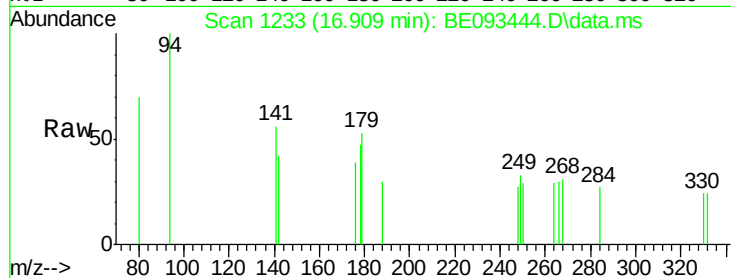
Tot Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 96.6 58.2 87.2#

268 101.7 71.9 107.9



#25

Fluoranthene-d10

Concen: 0.39 ng

RT: 19.290 min Scan# 1434

Delta R.T. 0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

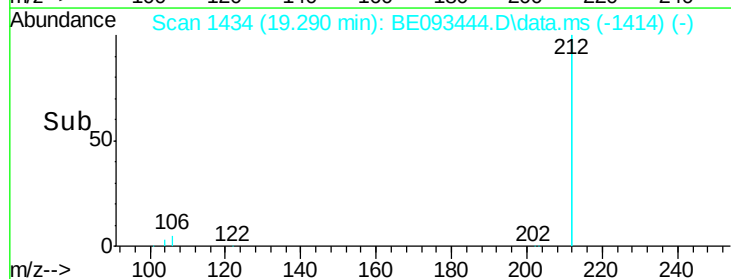
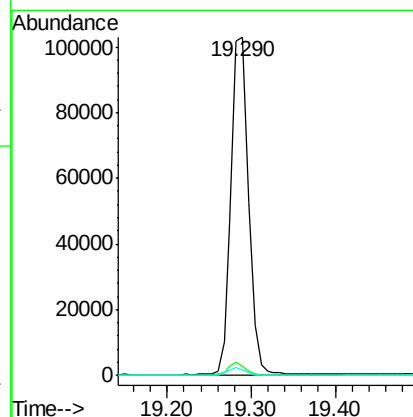
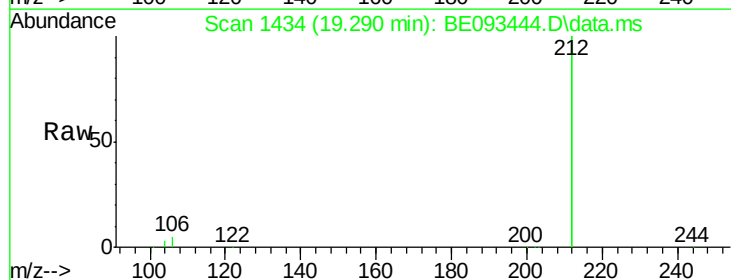
Tgt Ion:212 Resp: 149204

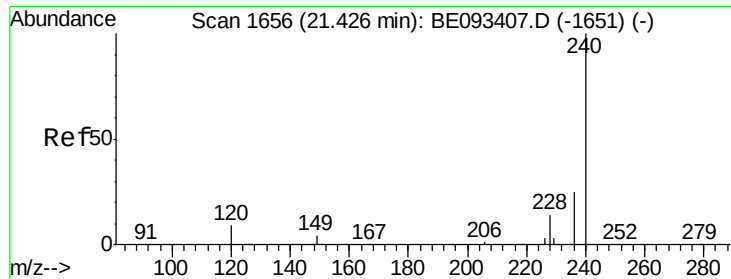
Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.427 min Scan# 16

Delta R.T. 0.001 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

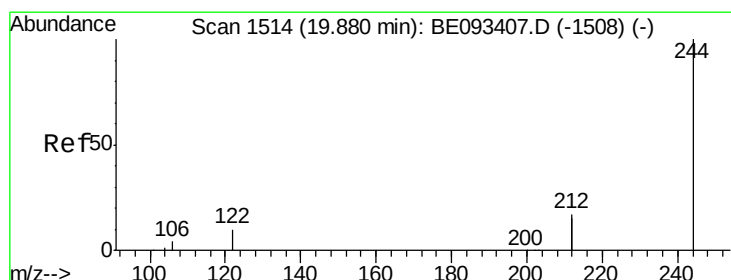
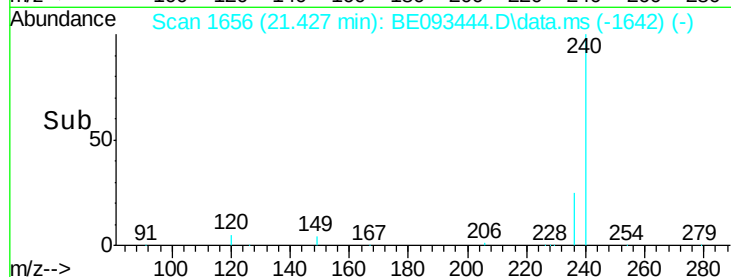
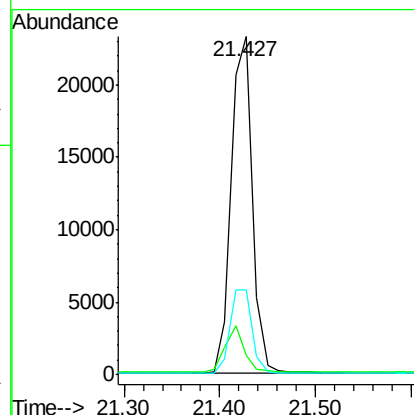
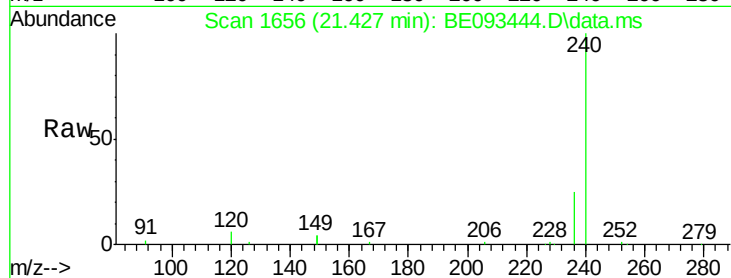
Tot Ion:240 Resp: 36074

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

236 25.2 20.8 31.2



#29

Terphenyl-d14

Concen: 0.46 ng

RT: 19.874 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

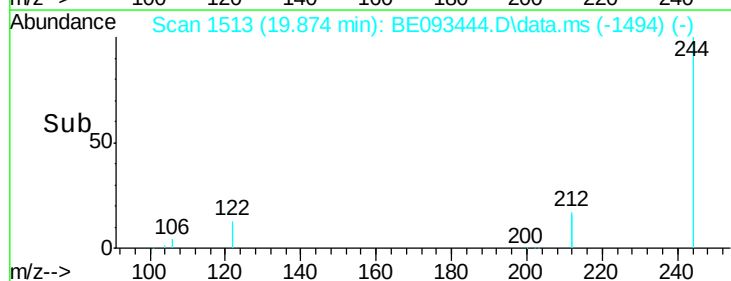
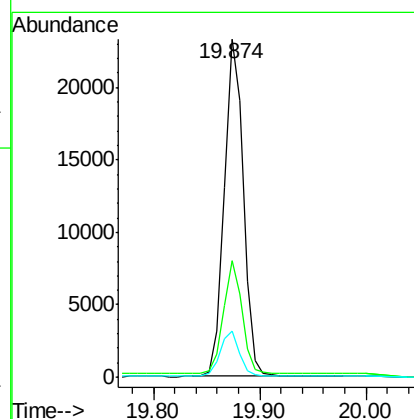
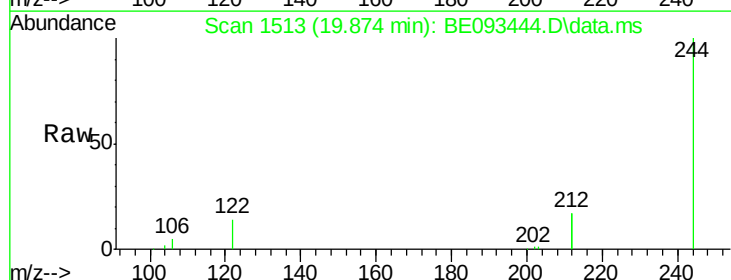
Tgt Ion:244 Resp: 29741

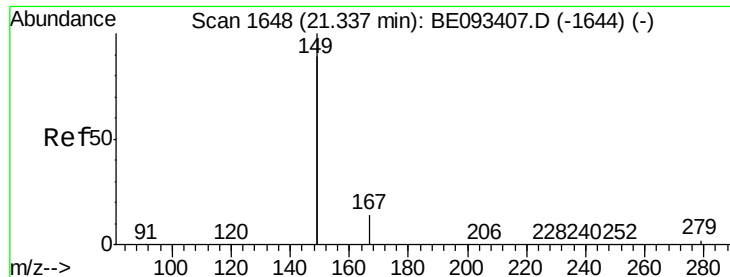
Ion Ratio Lower Upper

244 100

212 34.7 10.6 16.0#

122 13.8 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

RT: 21.327 min Scan# 16

Delta R.T. -0.010 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

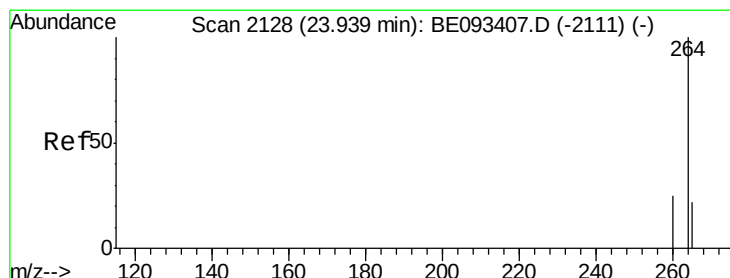
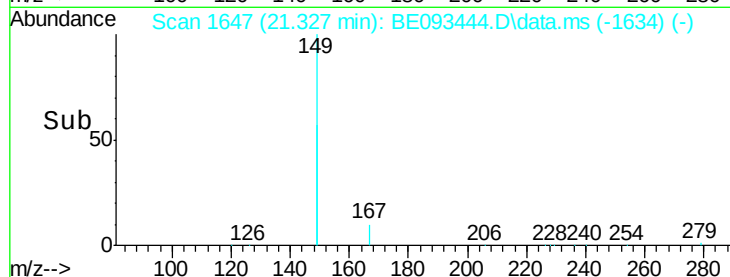
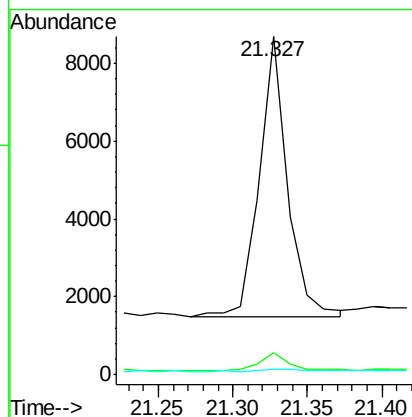
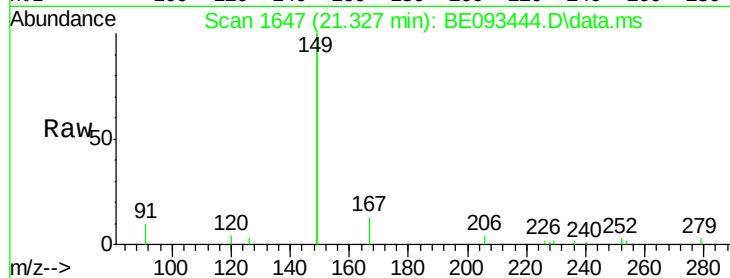
Tot Ion:149 Resp: 9444

Ion Ratio Lower Upper

149 100

167 5.9 20.1 30.1#

279 1.3 2.2 3.4#



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.934 min Scan# 2127

Delta R.T. -0.005 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Tgt Ion:264 Resp: 31169

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 27.5 24.6 36.8

