

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
 Data File : BE093441.D
 Acq On : 7 Jul 2017 13:53
 Operator : SJ/JU
 Sample : I4009-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW56BR-20170629

Quant Time: Jul 07 18:07:39 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

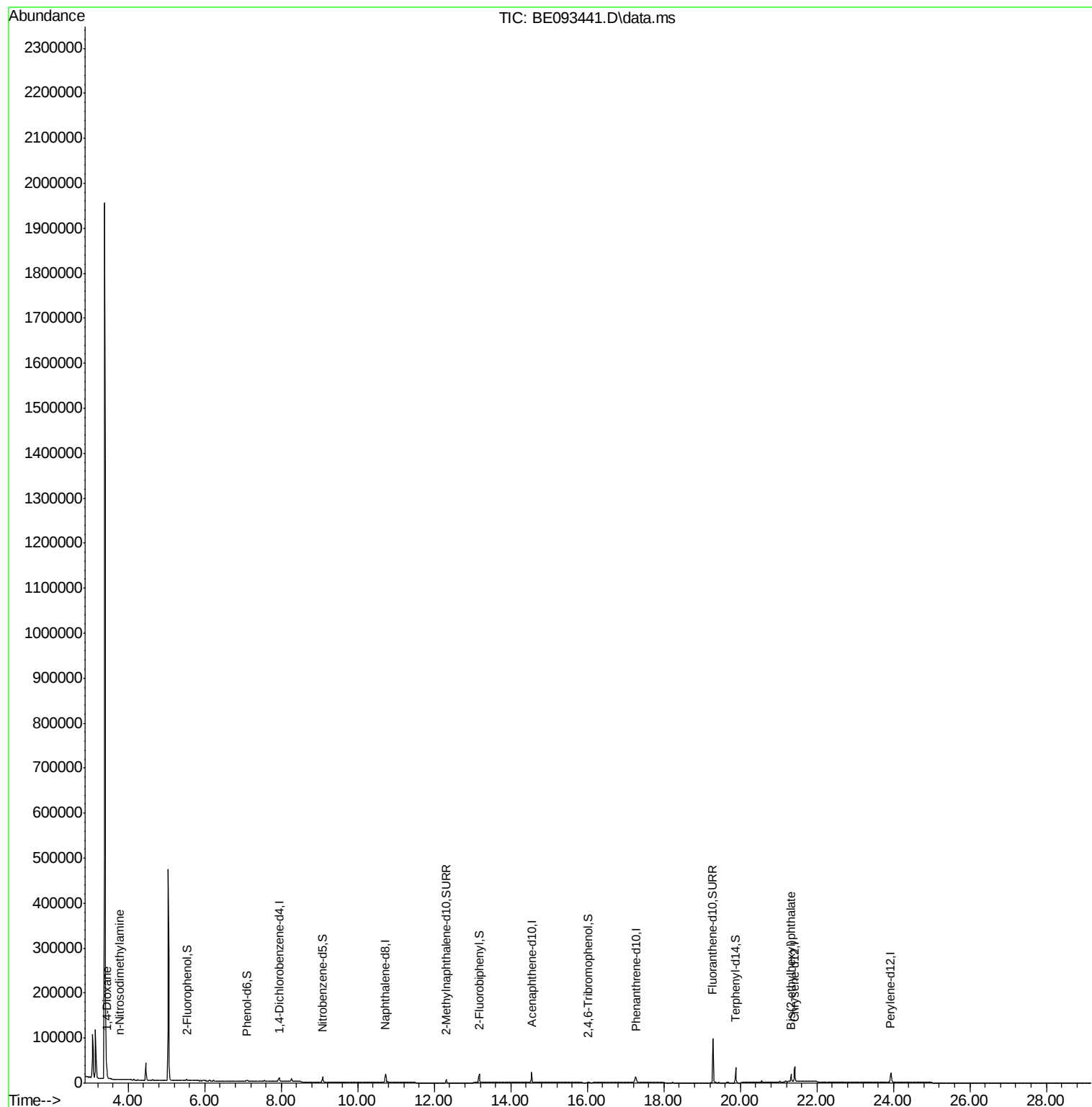
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.943	152	4060	0.40	ng	0.00
7) Naphthalene-d8	10.724	136	20874	0.40	ng	0.00
13) Acenaphthene-d10	14.540	164	13628	0.40	ng	0.00
19) Phenanthrene-d10	17.268	188	29809	0.40	ng	0.00
27) Chrysene-d12	21.426	240	36782	0.40	ng	0.00
34) Perylene-d12	23.934	264	31549	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.526	112	1427	0.12	ng	0.00
5) Phenol-d6	7.100	99	1296	0.07	ng	0.00
8) Nitrobenzene-d5	9.079	82	4735	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	10747	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.029	330	1146	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	19842	0.38	ng	0.00
25) Fluoranthene-d10	19.290	212	136184	0.38	ng	0.00
29) Terphenyl-d14	19.874	244	28255	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.449	88	2580	0.30	ng	# 1
3) n-Nitrosodimethylamine	3.763	42	417	0.19	ng	# 1
22) Pentachlorophenol	16.909	266	31	Below Cal		# 84
32) Bis(2-ethylhexyl)phtha...	21.326	149	19319	0.14	ng	# 65

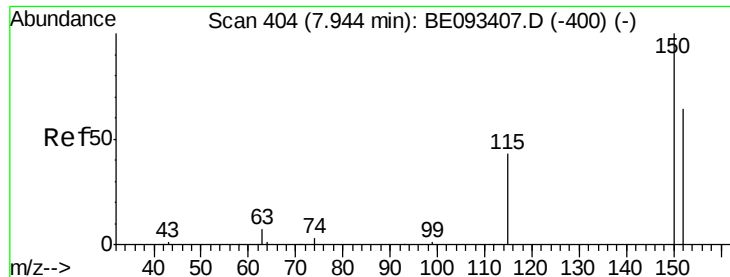
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

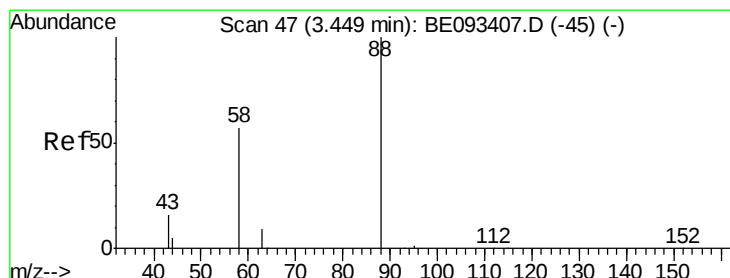
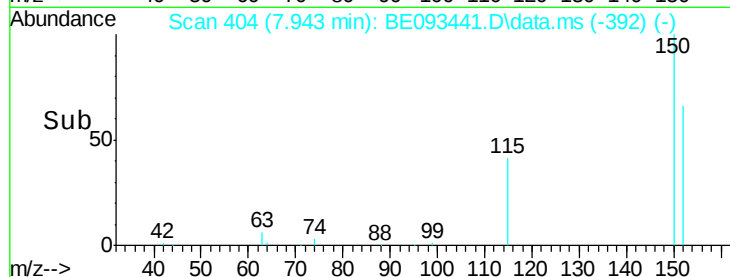
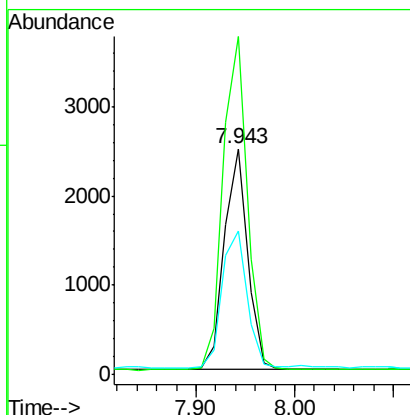
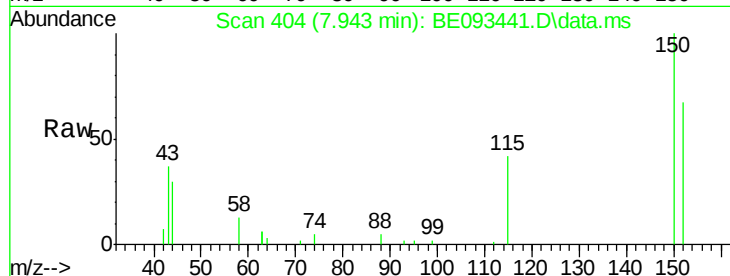
Tot Ion:152 Resp: 4060

Ion Ratio Lower Upper

152 100

150 149.6 125.1 187.7

115 63.4 55.7 83.5



#2

1,4-Dioxane

Concen: 0.30 ng

RT: 3.449 min Scan# 47

Delta R.T. -0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

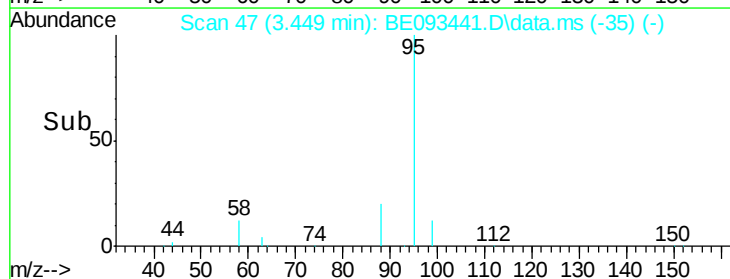
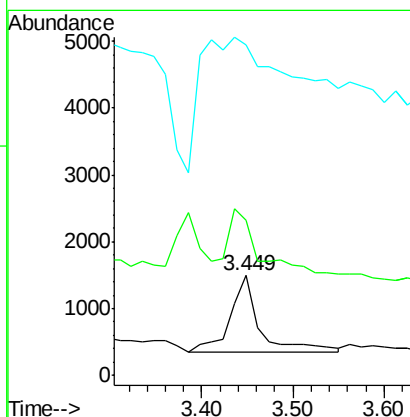
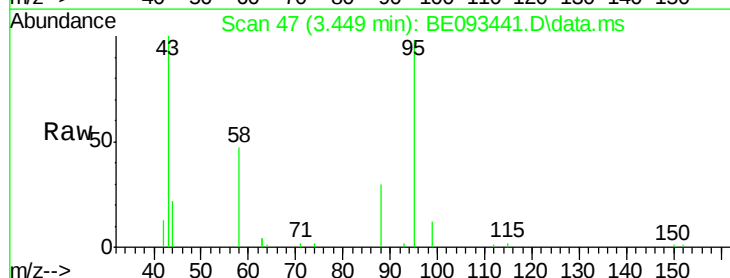
Tgt Ion: 88 Resp: 2580

Ion Ratio Lower Upper

88 100

58 86.7 62.2 93.4

43 618.4 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.19 ng

RT: 3.763 min Scan# 72

Delta R.T. 0.000 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

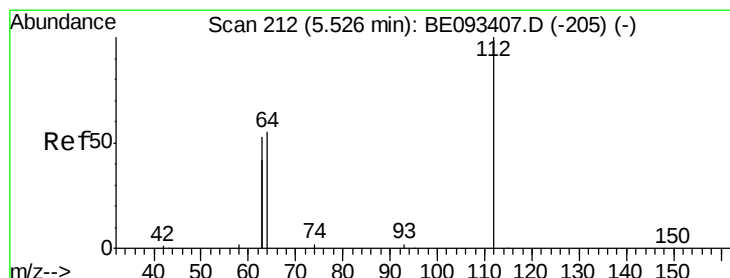
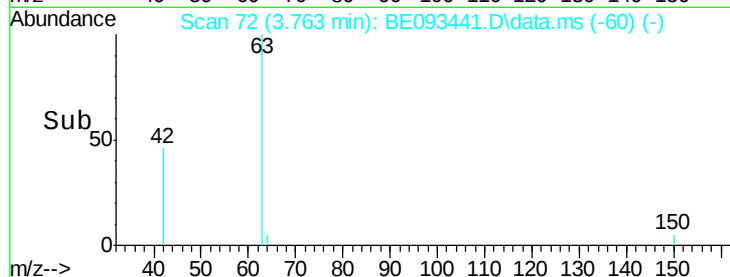
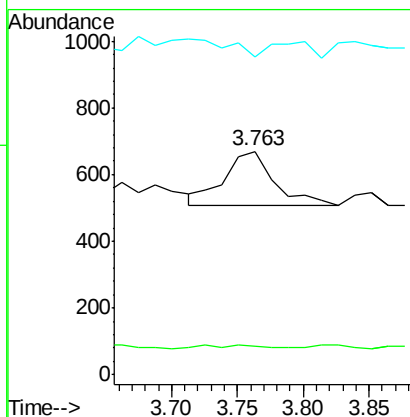
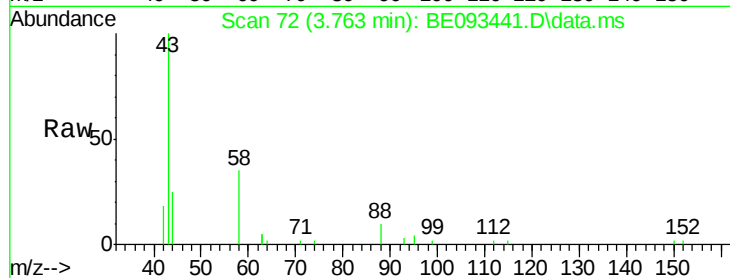
Tot Ion: 42 Resp: 417

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

44 0.0 7.4 11.2#



#4

2-Fluorophenol

Concen: 0.12 ng

RT: 5.526 min Scan# 212

Delta R.T. -0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

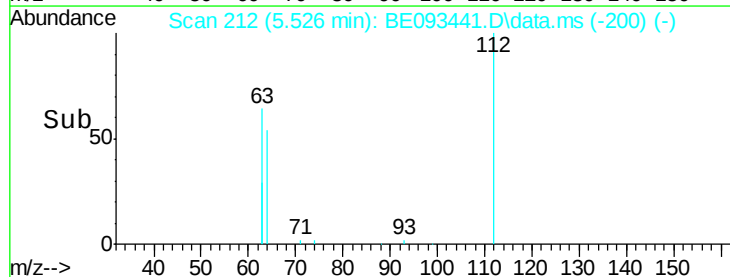
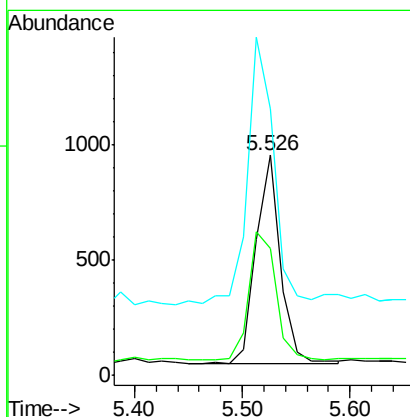
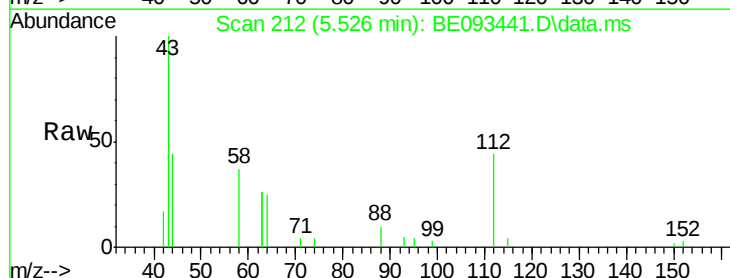
Tgt Ion: 112 Resp: 1427

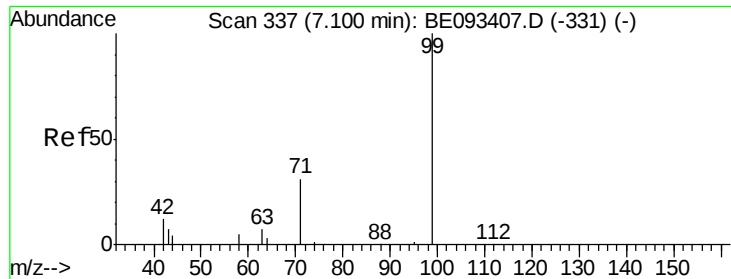
Ion Ratio Lower Upper

112 100

64 68.1 56.4 84.6

63 140.1 29.3 43.9#





#5

Phenol-d6

Concen: 0.07 ng

RT: 7.100 min Scan# 33

Delta R.T. -0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

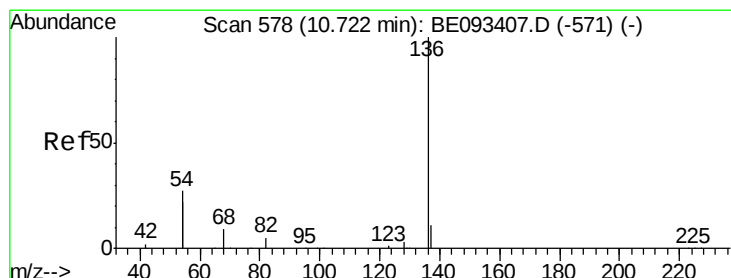
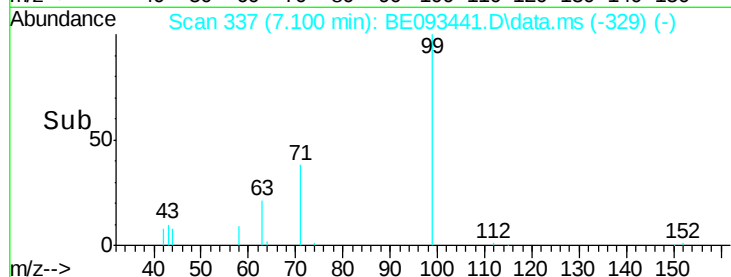
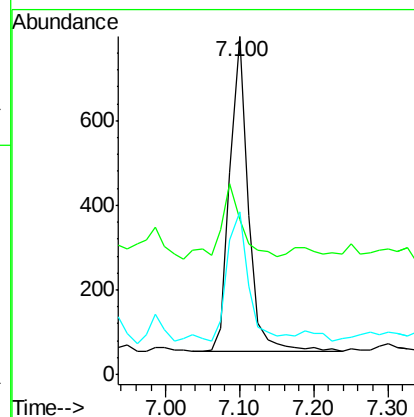
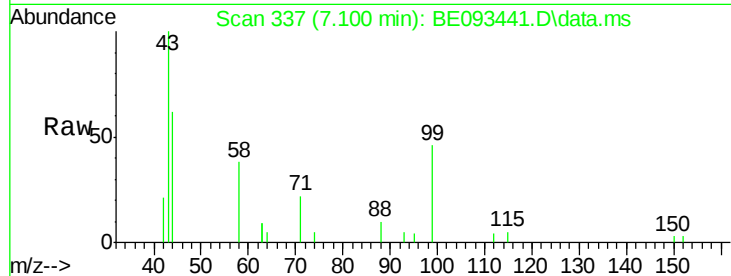
Tot Ion: 99 Resp: 1296

Ion Ratio Lower Upper

99 100

42 28.2 0.0 0.0#

71 45.4 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.724 min Scan# 578

Delta R.T. 0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Tgt Ion: 136 Resp: 20874

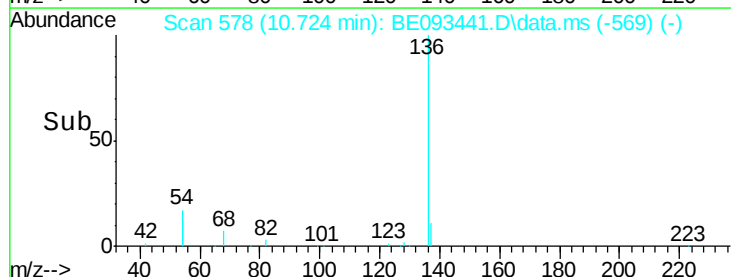
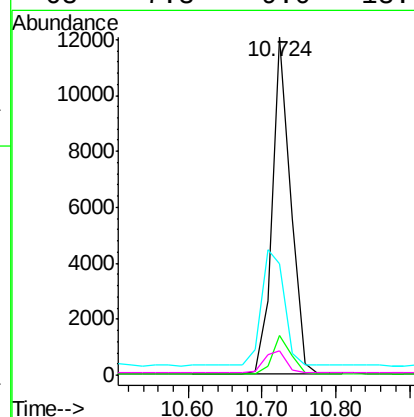
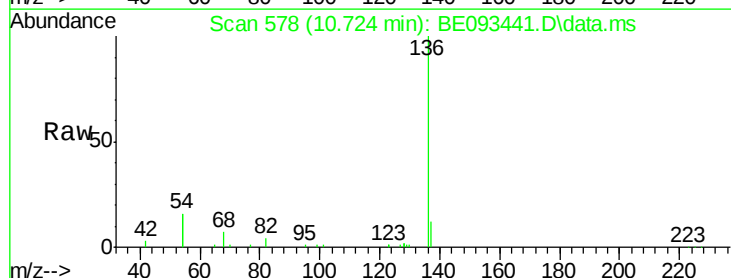
Ion Ratio Lower Upper

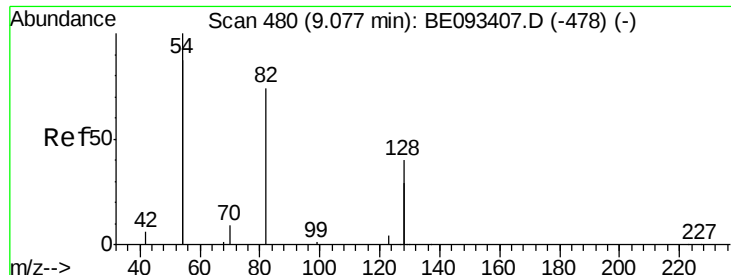
136 100

137 11.7 9.8 14.8

54 32.9 10.3 15.5#

68 7.3 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.36 ng

RT: 9.079 min Scan# 48

Delta R.T. 0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

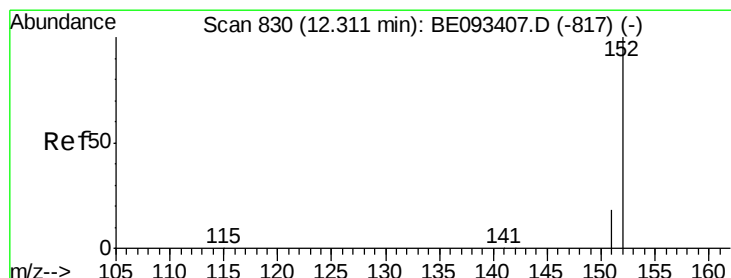
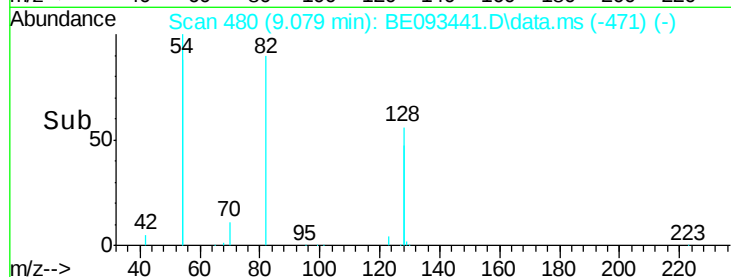
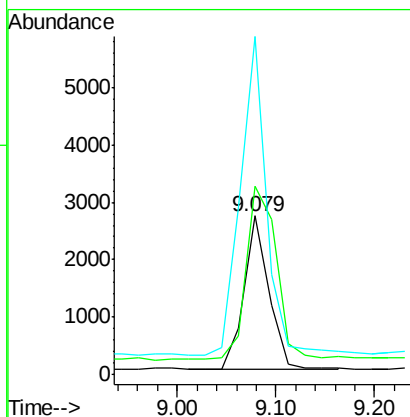
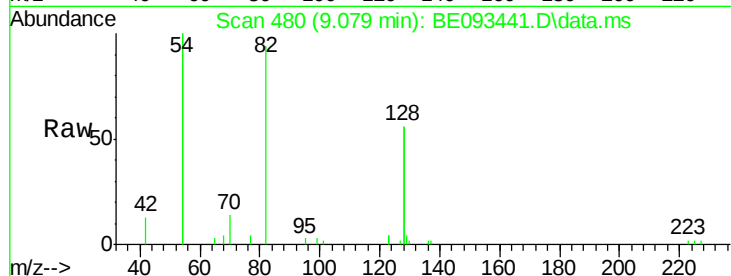
Tot Ion: 82 Resp: 4735

Ion Ratio Lower Upper

82 100

128 118.9 17.0 25.4#

54 213.6 53.8 80.6#



#11

2-Methylnaphthalene-d10

Concen: 0.32 ng

RT: 12.306 min Scan# 829

Delta R.T. -0.005 min

Lab File: BE093441.D

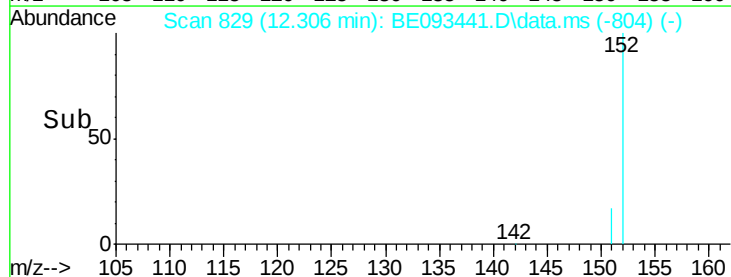
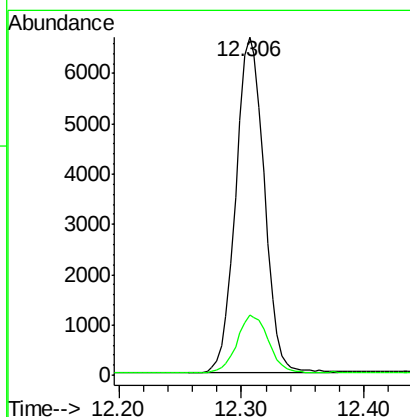
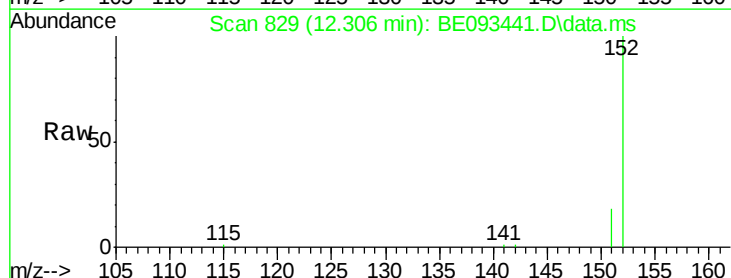
Acq: 7 Jul 2017 13:53

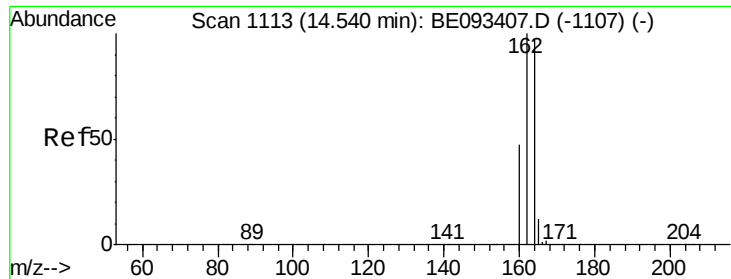
Tgt Ion: 152 Resp: 10747

Ion Ratio Lower Upper

152 100

151 18.9 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: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

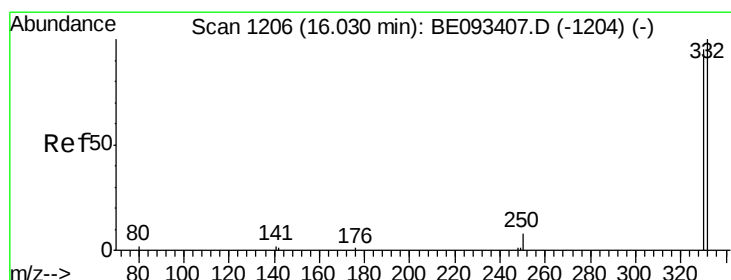
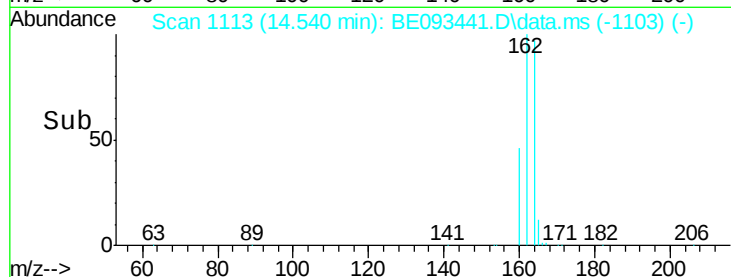
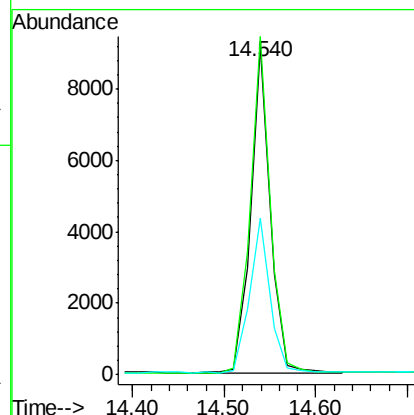
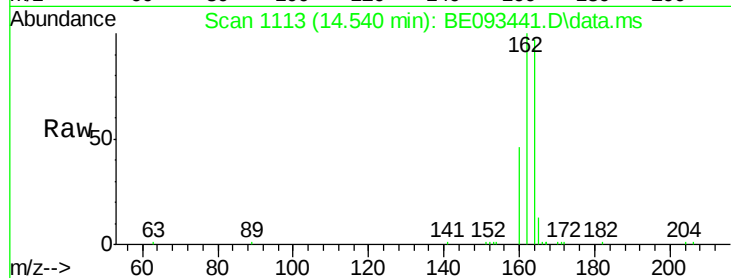
Tot Ion:164 Resp: 13628

Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

160 47.6 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.27 ng

RT: 16.029 min Scan# 1206

Delta R.T. -0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

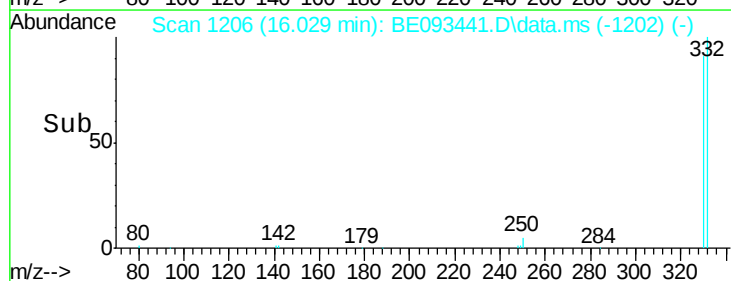
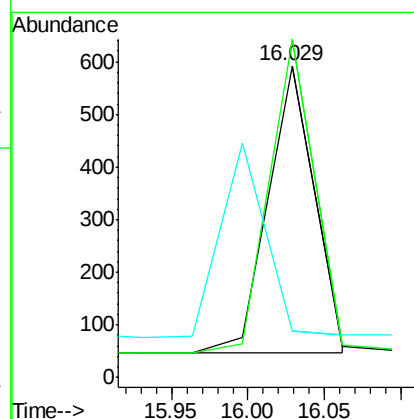
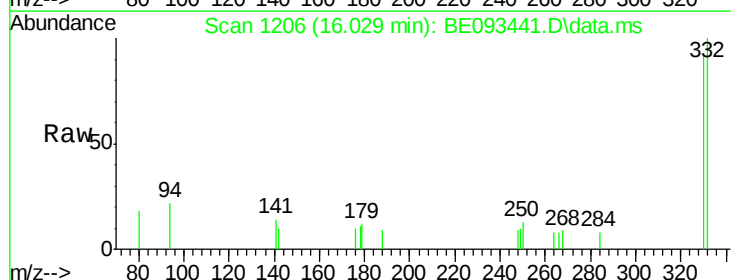
Tgt Ion:330 Resp: 1146

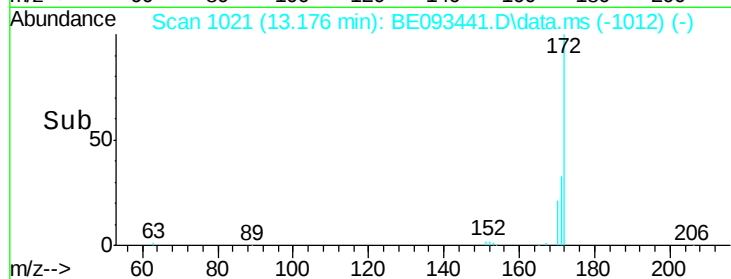
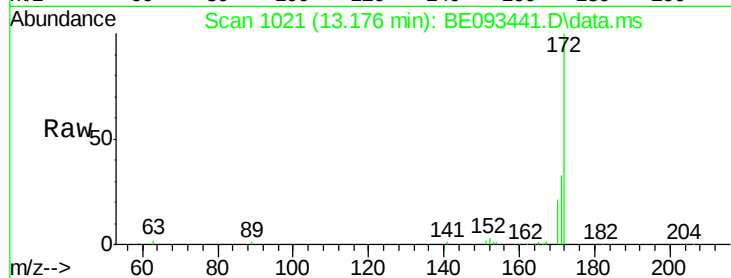
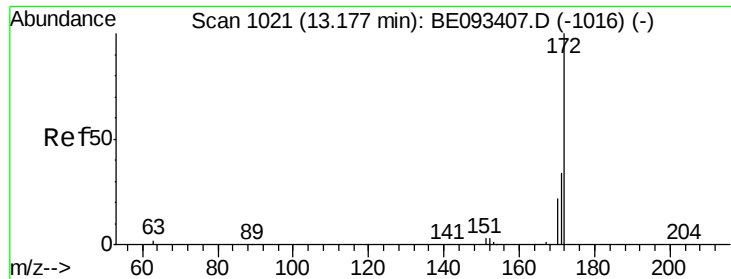
Ion Ratio Lower Upper

330 100

332 107.7 77.7 116.5

141 0.0 56.2 84.4#

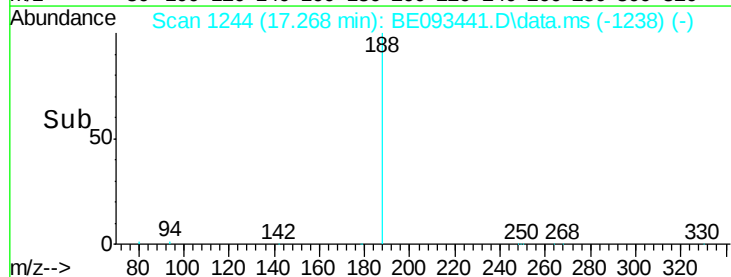
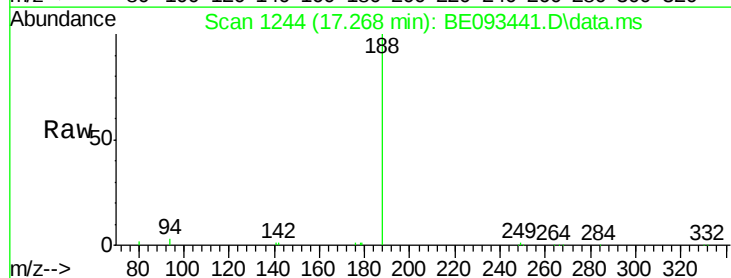
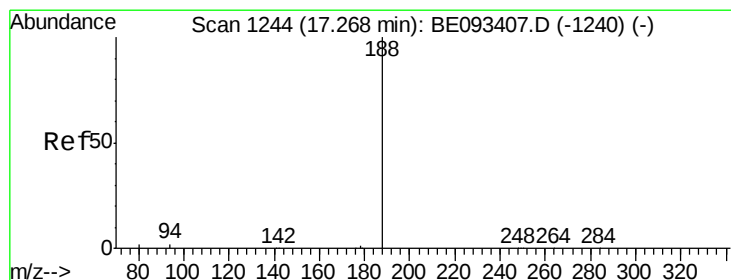
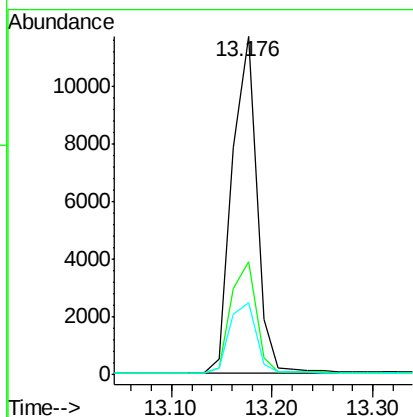




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.176 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE093441.D
Acq: 7 Jul 2017 13:53

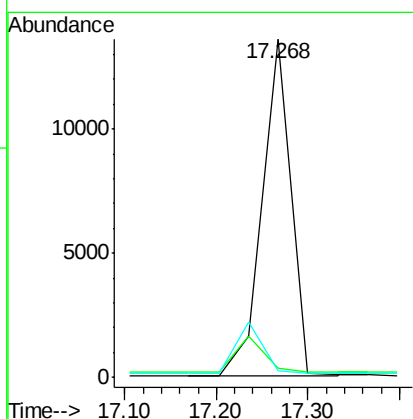
Instrument :
BNA_E
ClientSampleId :
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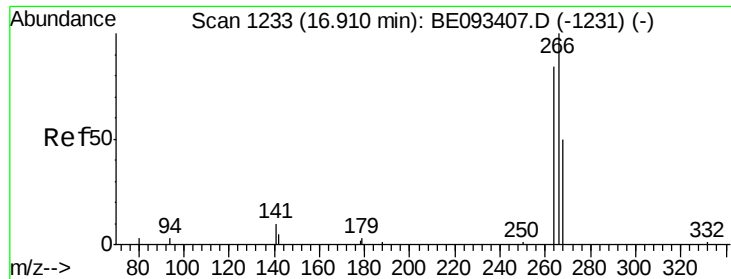
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.8	44.6
170	21.2	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.268 min Scan# 1244
Delta R.T. -0.001 min
Lab File: BE093441.D
Acq: 7 Jul 2017 13:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.7	11.3	16.9#
80	2.0	11.7	17.5#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.909 min Scan# 12

Delta R.T. 0.000 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

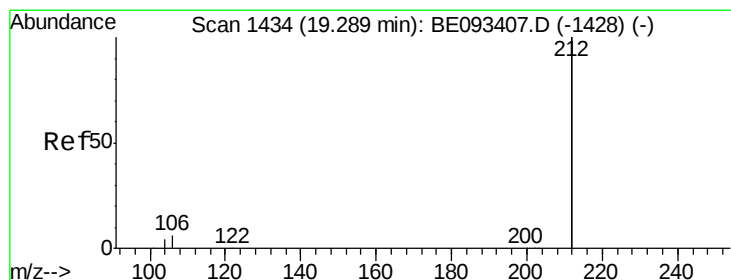
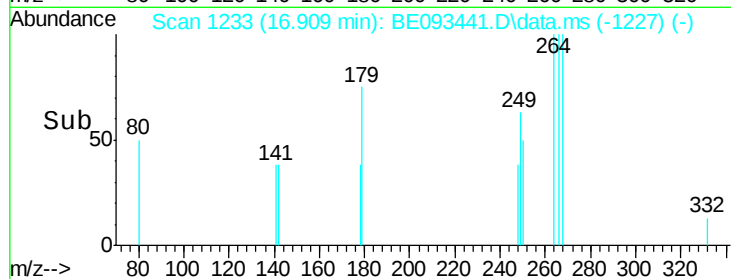
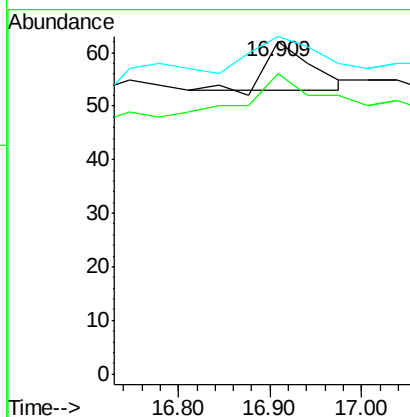
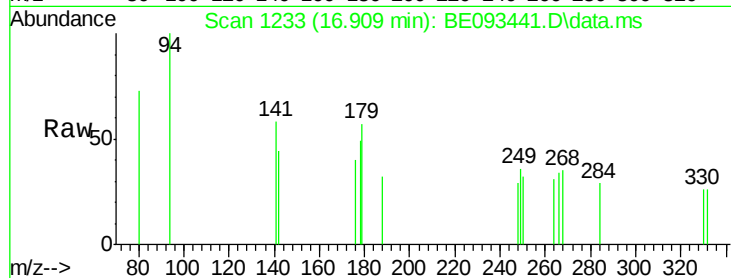
Tot Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 90.3 58.2 87.2#

268 101.6 71.9 107.9



#25

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.290 min Scan# 1434

Delta R.T. 0.001 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

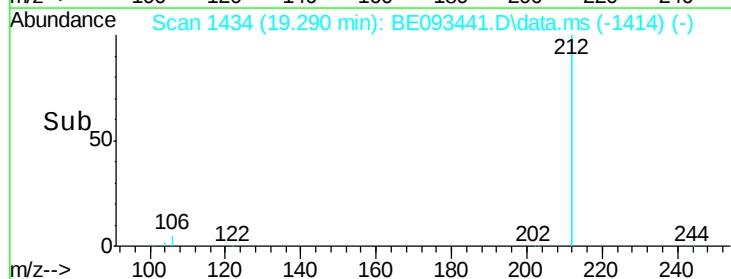
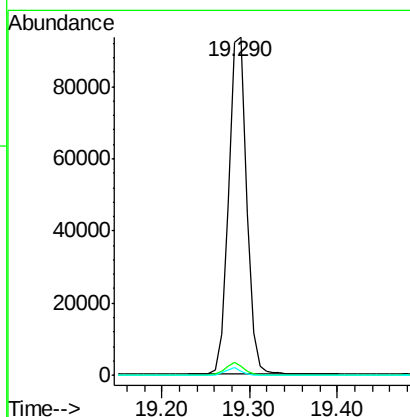
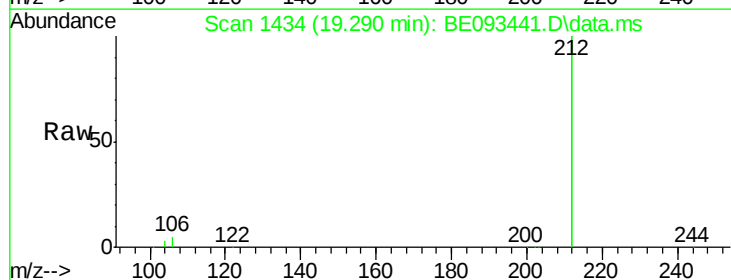
Tgt Ion:212 Resp: 136184

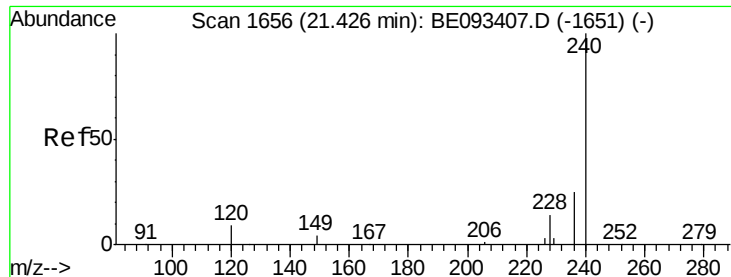
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.426 min Scan# 16

Delta R.T. -0.000 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

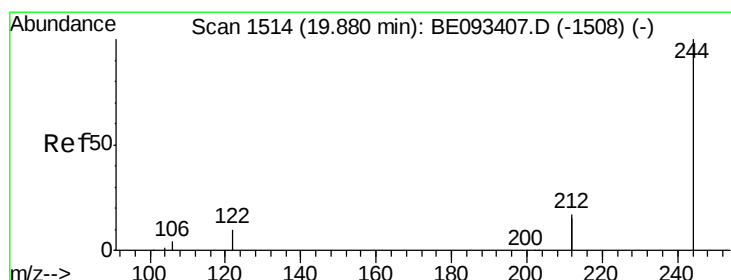
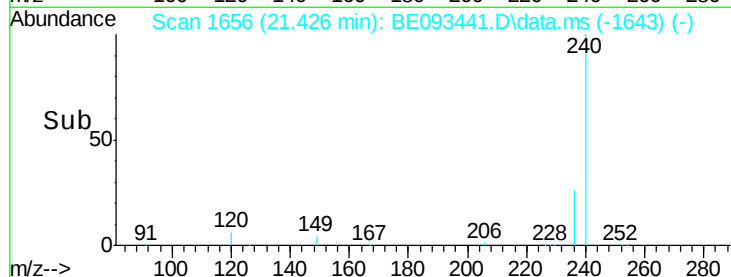
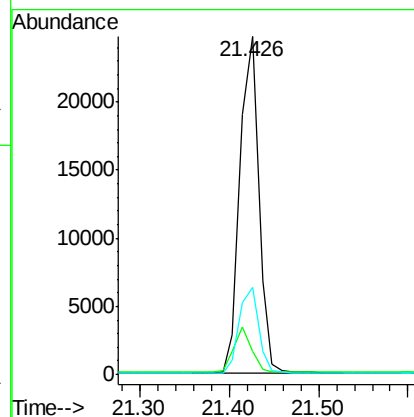
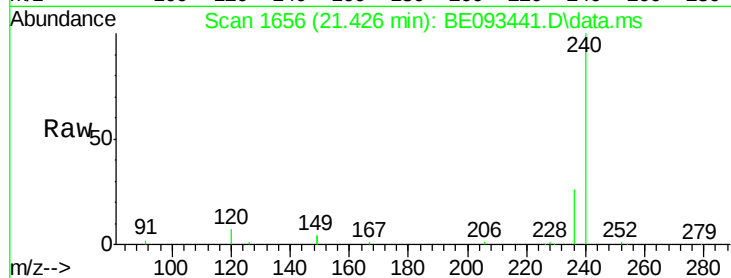
Tot Ion:240 Resp: 36782

Ion Ratio Lower Upper

240 100

120 6.7 4.6 7.0

236 25.8 20.8 31.2



#29

Terphenyl-d14

Concen: 0.43 ng

RT: 19.874 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

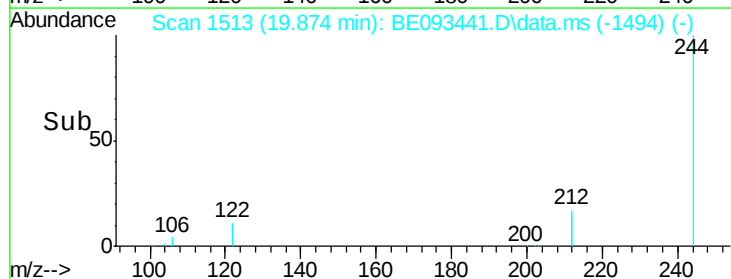
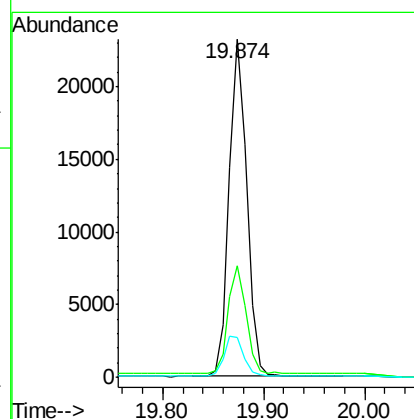
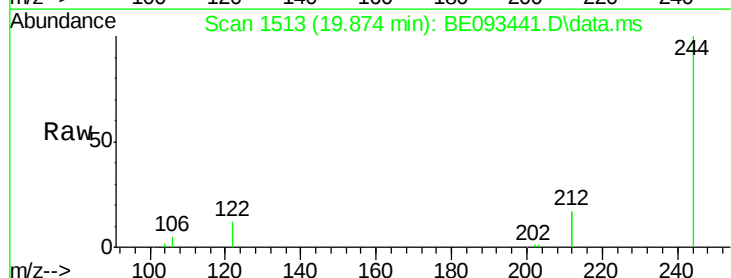
Tgt Ion:244 Resp: 28255

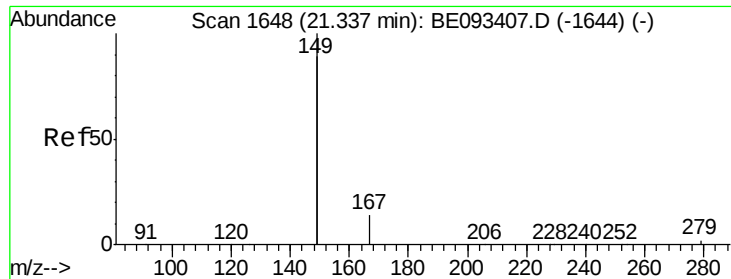
Ion Ratio Lower Upper

244 100

212 33.0 10.6 16.0#

122 11.7 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.326 min Scan# 16

Delta R.T. -0.011 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

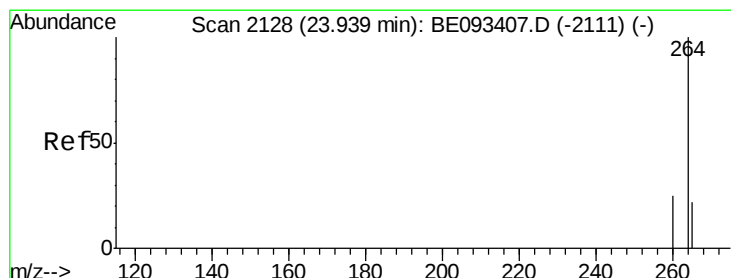
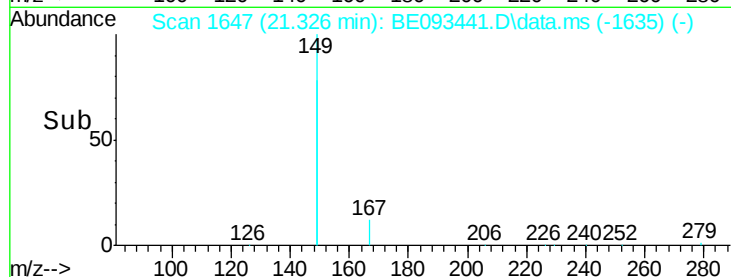
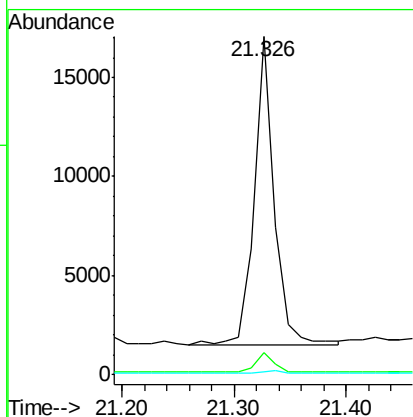
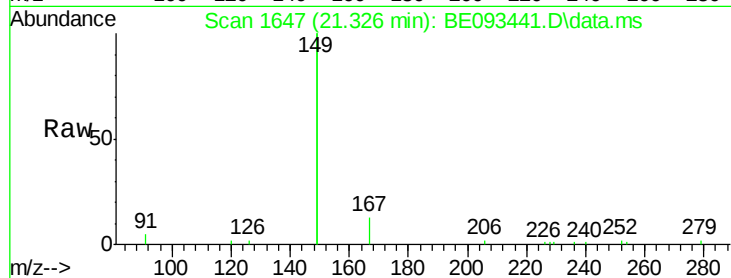
Tot Ion:149 Resp: 19319

Ion Ratio Lower Upper

149 100

167 5.8 20.1 30.1#

279 0.9 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: BE093441.D

Acq: 7 Jul 2017 13:53

Tgt Ion:264 Resp: 31549

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

265 27.2 24.6 36.8

