

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
 Data File : BE093447.D
 Acq On : 7 Jul 2017 17:33
 Operator : SJ/JU
 Sample : I4009-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-59BR-20170630

Quant Time: Jul 07 18:12:40 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	4070	0.40	ng	0.00
7) Naphthalene-d8	10.724	136	21266	0.40	ng	0.00
13) Acenaphthene-d10	14.540	164	13755	0.40	ng	0.00
19) Phenanthrene-d10	17.268	188	29059	0.40	ng	0.00
27) Chrysene-d12	21.426	240	37638	0.40	ng	0.00
34) Perylene-d12	23.934	264	32581	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.526	112	1921	0.16	ng	0.00
5) Phenol-d6	7.100	99	1898	0.10	ng	0.00
8) Nitrobenzene-d5	9.079	82	5690	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	12555	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.029	330	1150	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.177	172	27862	0.52	ng	0.00
25) Fluoranthene-d10	19.283	212	160538	0.46	ng	0.00
29) Terphenyl-d14	19.874	244	31972	0.48	ng	0.00

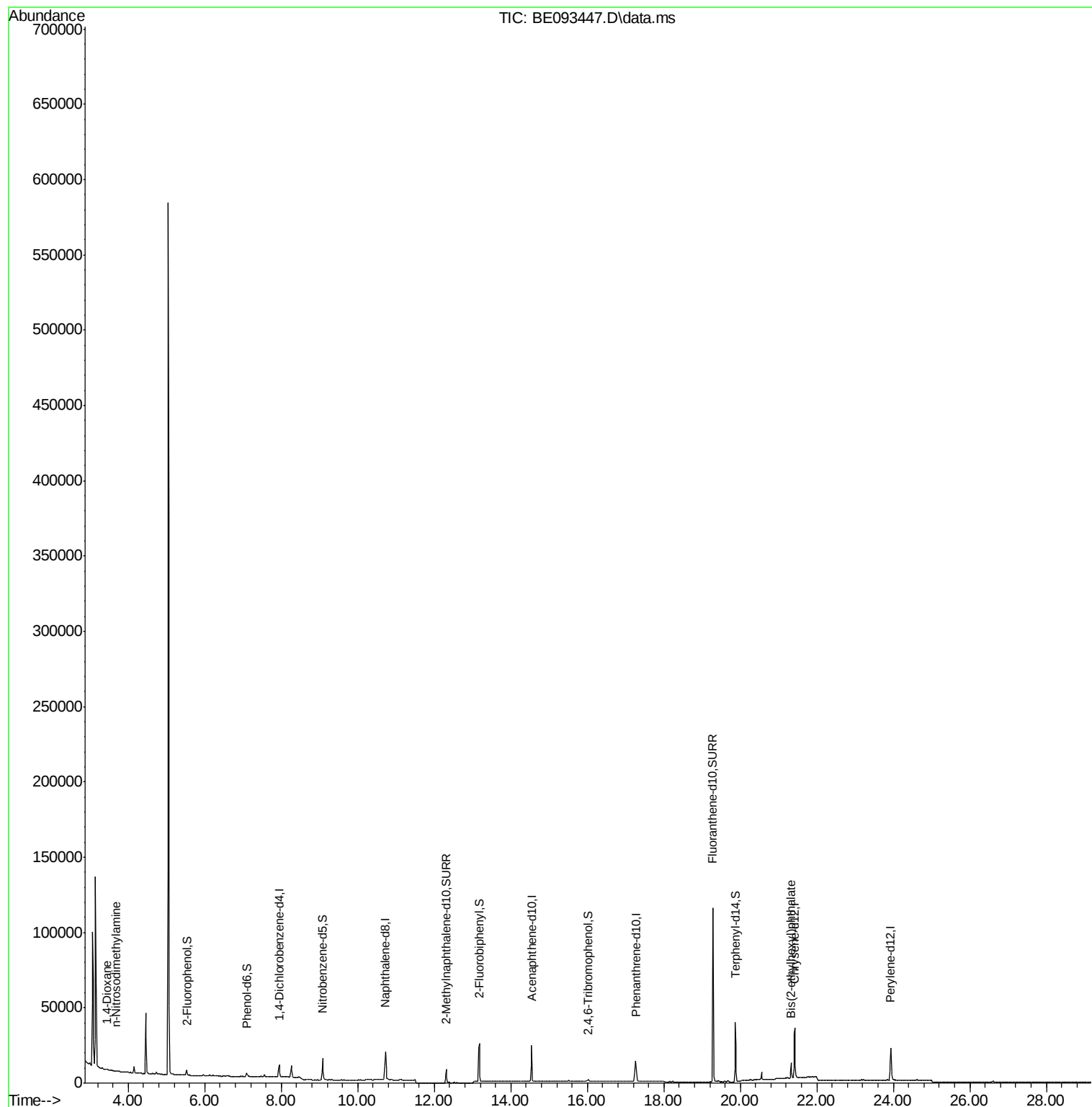
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.449	88	515	0.06	ng	# 66
3) n-Nitrosodimethylamine	3.688	42	62	0.13	ng	# 18
22) Pentachlorophenol	16.909	266	55	Below Cal		# 87
32) Bis(2-ethylhexyl)phtha...	21.326	149	12445	0.09	ng	# 65

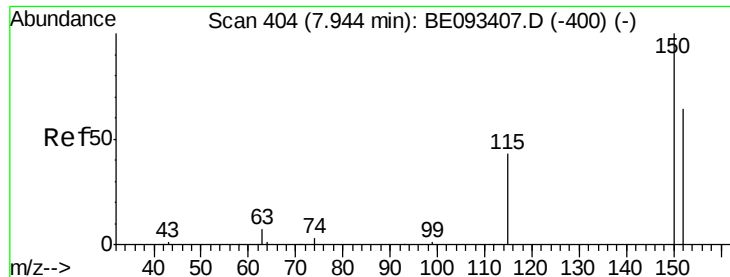
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093447.D
Acq On : 7 Jul 2017 17:33
Operator : SJ/JU
Sample : I4009-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-59BR-20170630

Quant Time: Jul 07 18:12:40 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.943 min Scan# 40

Delta R.T. -0.000 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

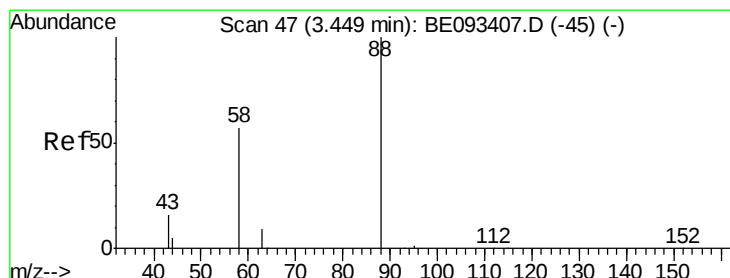
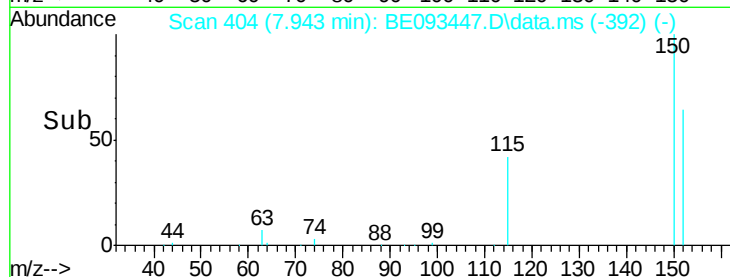
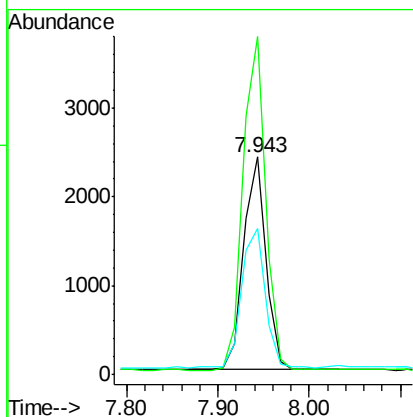
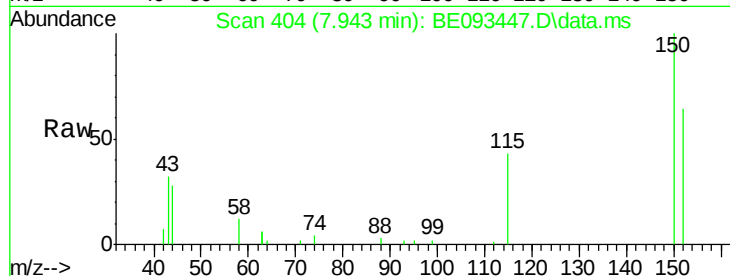
Tot Ion:152 Resp: 4070

Ion Ratio Lower Upper

152 100

150 155.4 125.1 187.7

115 67.0 55.7 83.5



#2

1,4-Dioxane

Concen: 0.06 ng

RT: 3.449 min Scan# 47

Delta R.T. -0.000 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

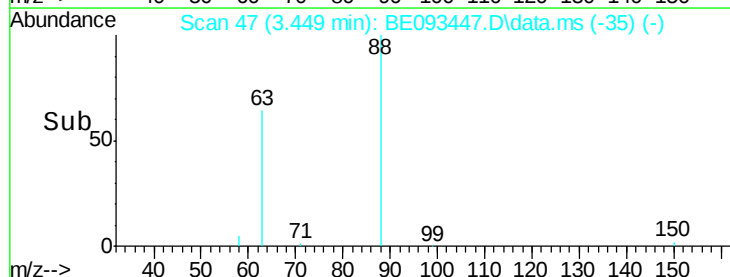
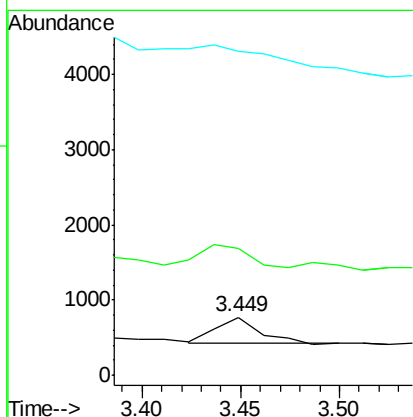
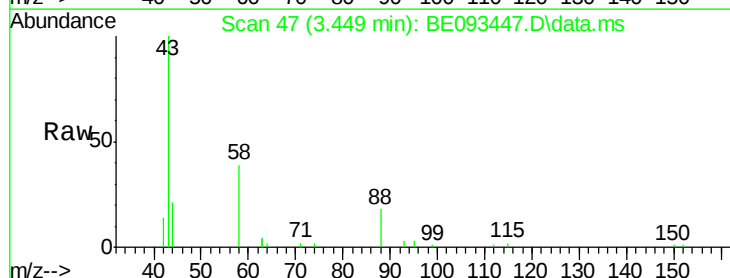
Tgt Ion: 88 Resp: 515

Ion Ratio Lower Upper

88 100

58 100.4 62.2 93.4#

43 0.0 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.688 min Scan# 66

Delta R.T. -0.075 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

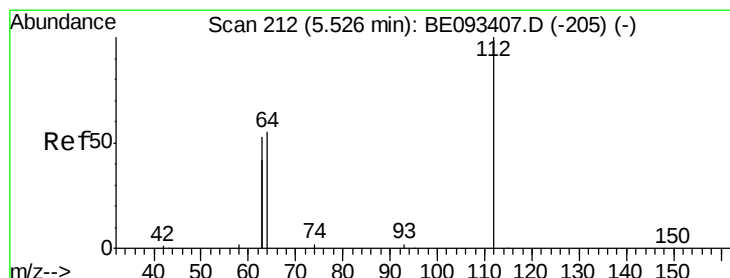
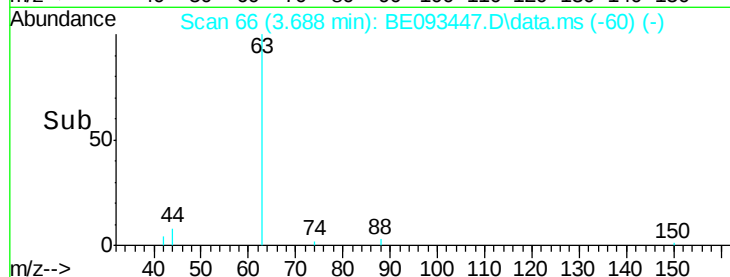
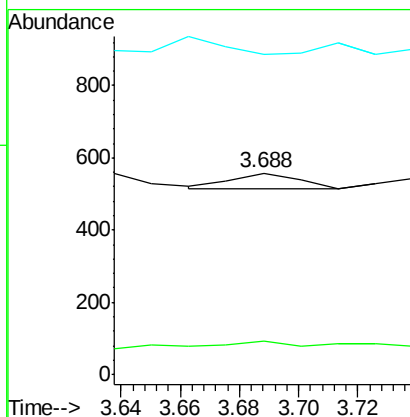
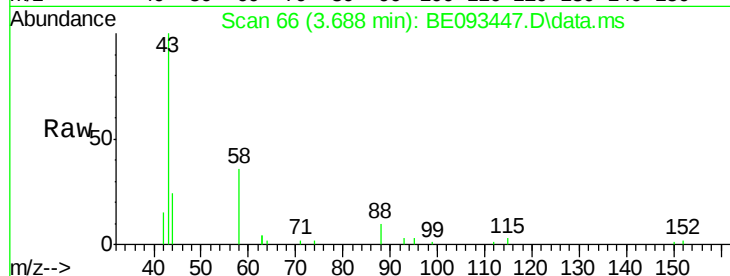
Tot Ion: 42 Resp: 62

Ion Ratio Lower Upper

42 100

74 25.8 99.1 148.7#

44 0.0 7.4 11.2#



#4

2-Fluorophenol

Concen: 0.16 ng

RT: 5.526 min Scan# 212

Delta R.T. -0.000 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

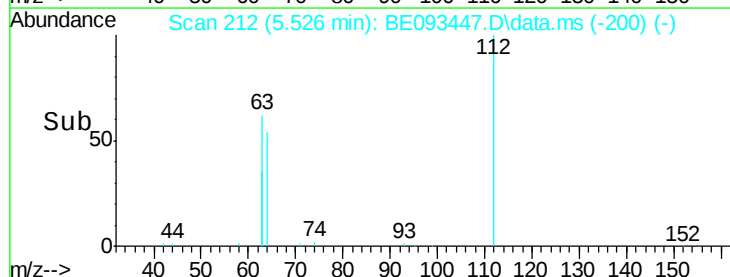
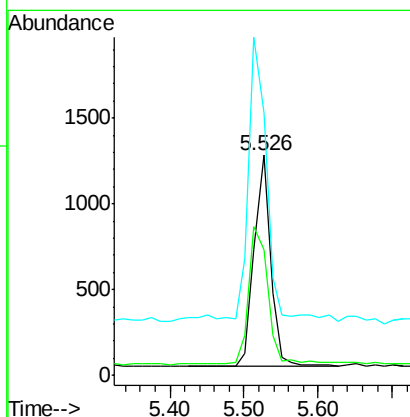
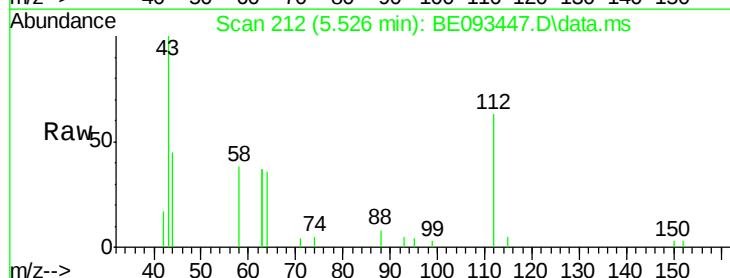
Tgt Ion: 112 Resp: 1921

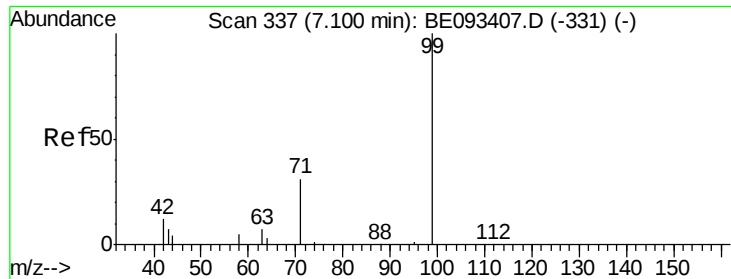
Ion Ratio Lower Upper

112 100

64 74.1 56.4 84.6

63 137.4 29.3 43.9#





#5

Phenol-d6

Concen: 0.10 ng

RT: 7.100 min Scan# 33

Delta R.T. -0.000 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

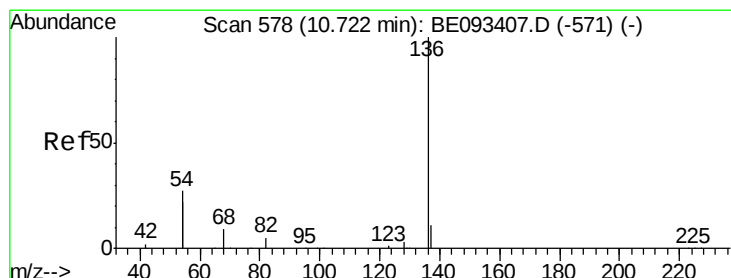
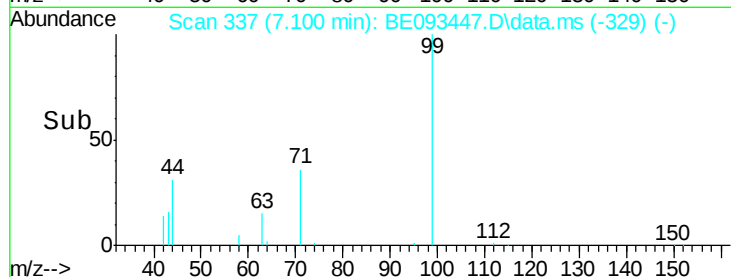
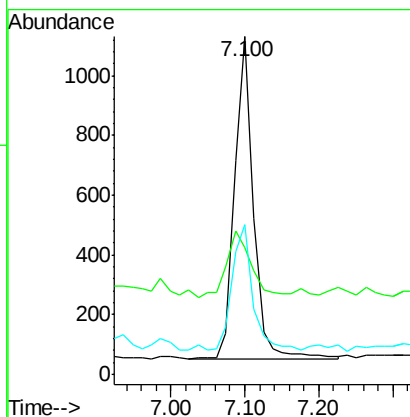
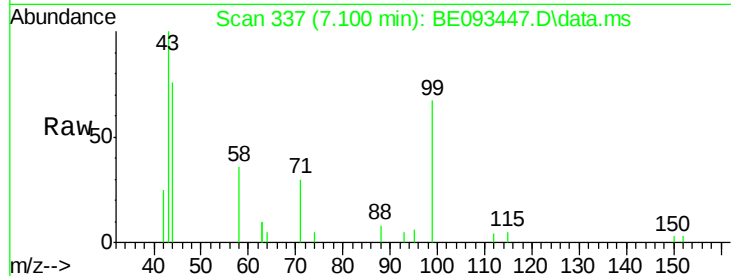
Tot Ion: 99 Resp: 1898

Ion Ratio Lower Upper

99 100

42 26.3 0.0 0.0#

71 43.2 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: BE093447.D

Acq: 7 Jul 2017 17:33

Tgt Ion: 136 Resp: 21266

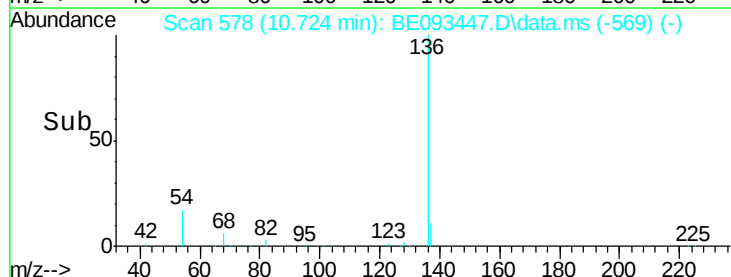
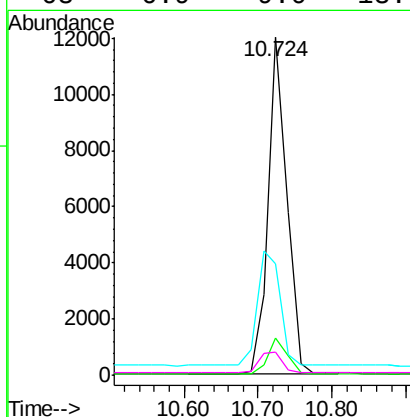
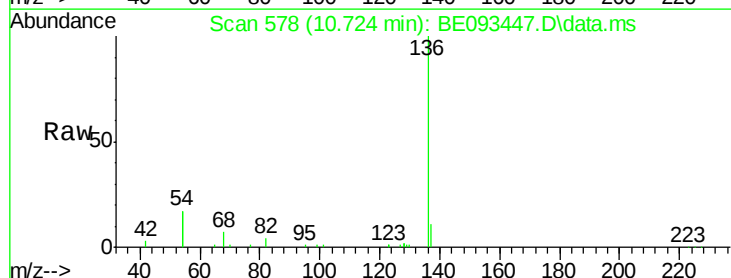
Ion Ratio Lower Upper

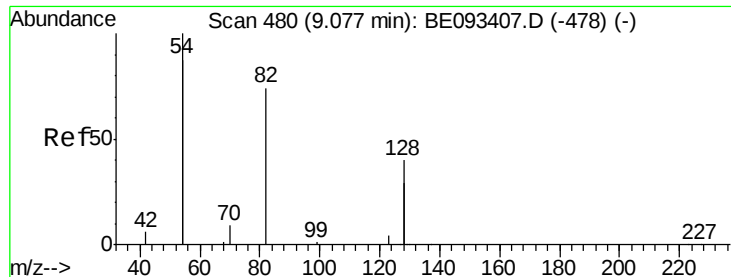
136 100

137 11.2 9.8 14.8

54 33.0 10.3 15.5#

68 6.9 9.0 13.4#

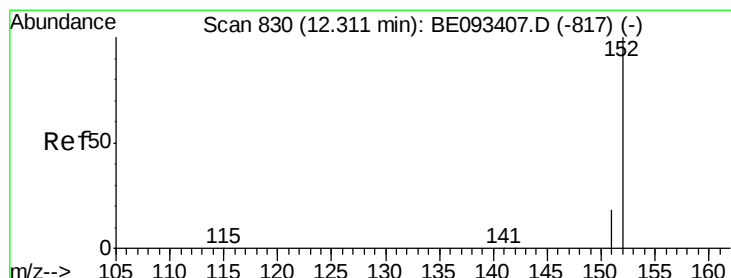
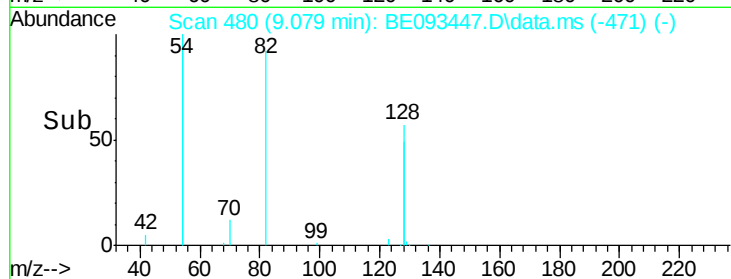
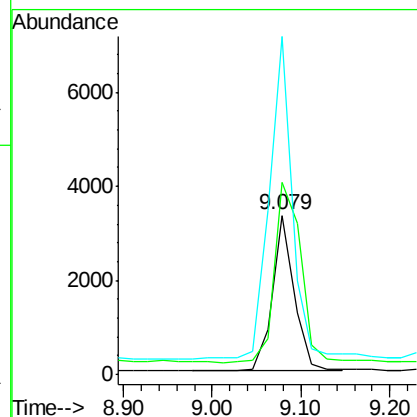
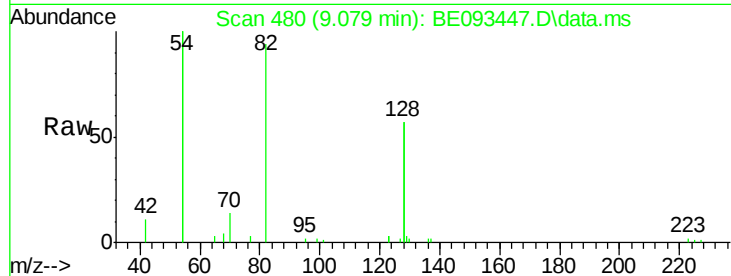




#8
 Nitrobenzene-d5
 Concen: 0.42 ng
 RT: 9.079 min Scan# 48
 Delta R.T. 0.001 min
 Lab File: BE093447.D
 Acq: 7 Jul 2017 17:33

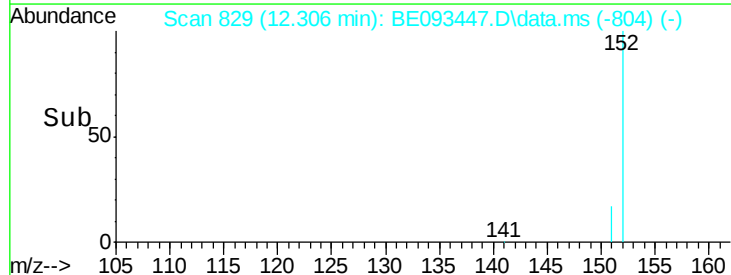
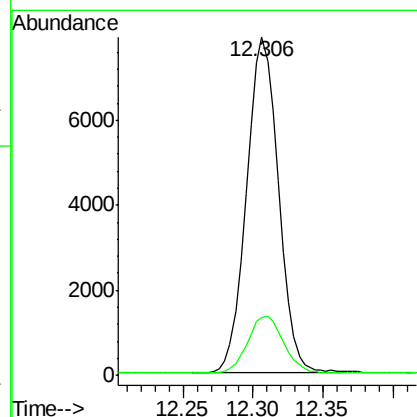
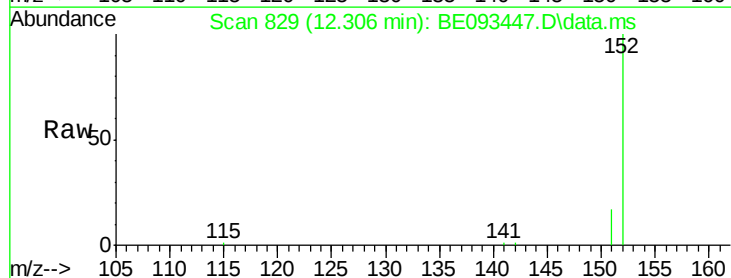
Instrument :
 BNA_E
 ClientSampleId :
 MW-59BR-20170630

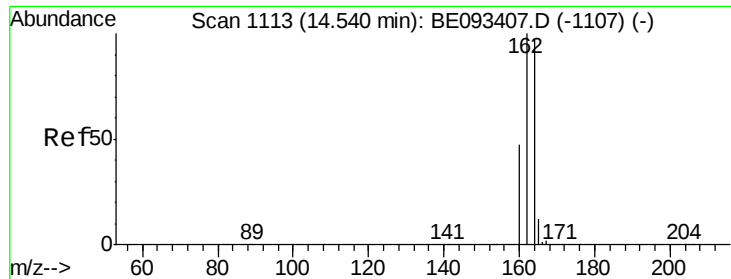
Tot Ion	Ratio	Lower	Upper
82	100		
128	120.5	17.0	25.4#
54	212.5	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.37 ng
 RT: 12.306 min Scan# 829
 Delta R.T. -0.005 min
 Lab File: BE093447.D
 Acq: 7 Jul 2017 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	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: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

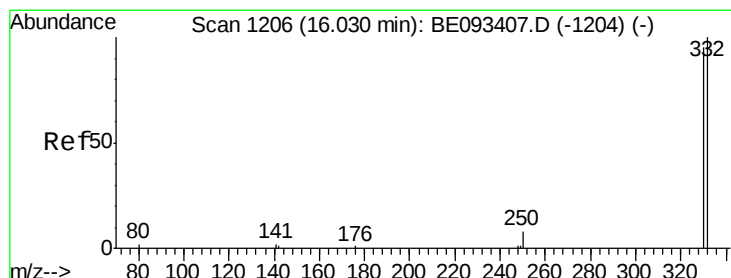
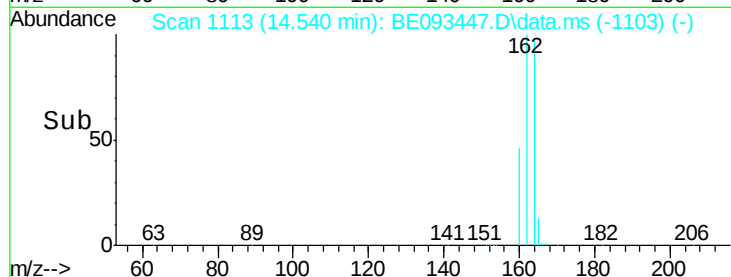
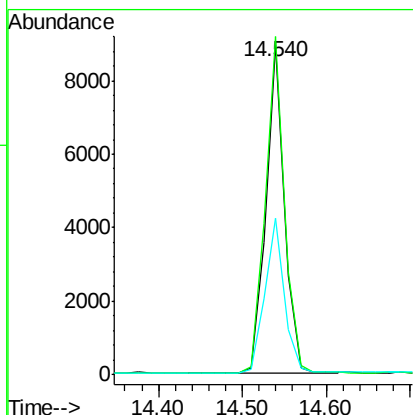
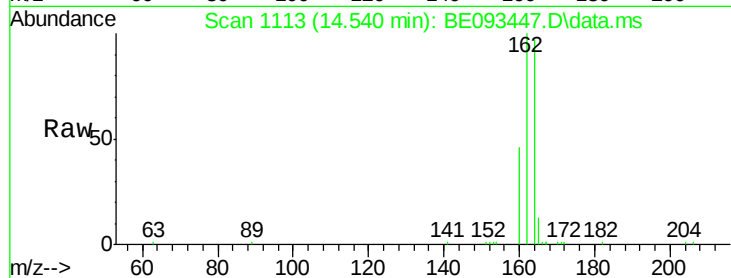
Tot Ion:164 Resp: 13755

Ion Ratio Lower Upper

164 100

162 102.6 84.6 127.0

160 47.4 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: BE093447.D

Acq: 7 Jul 2017 17:33

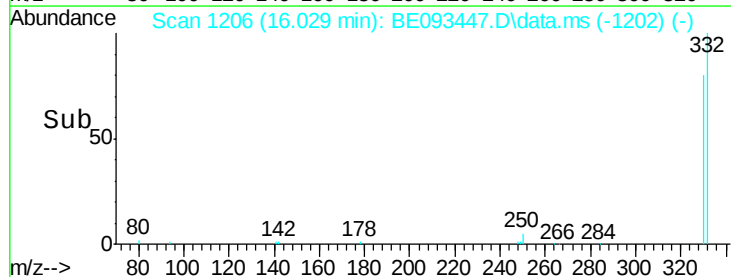
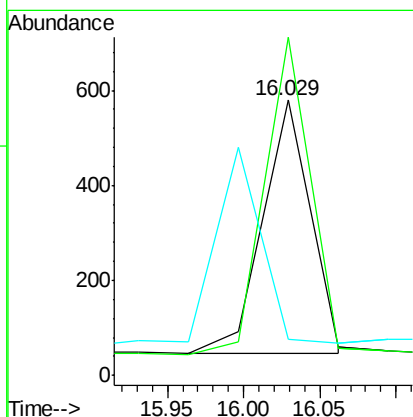
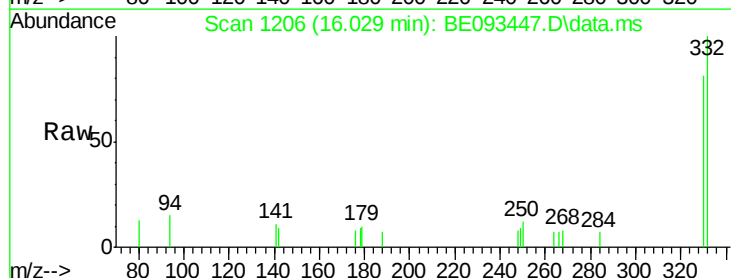
Tgt Ion:330 Resp: 1150

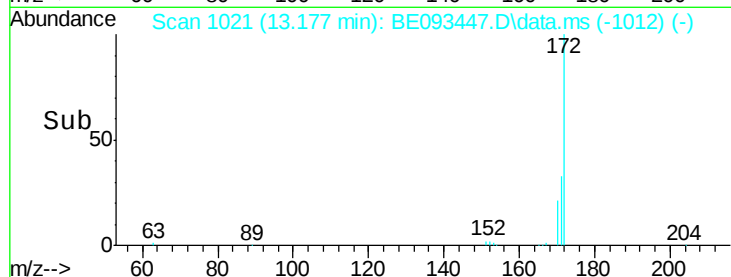
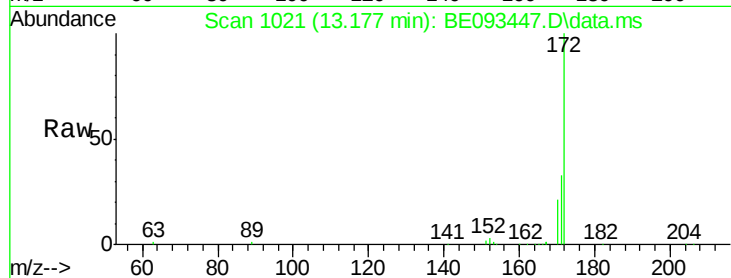
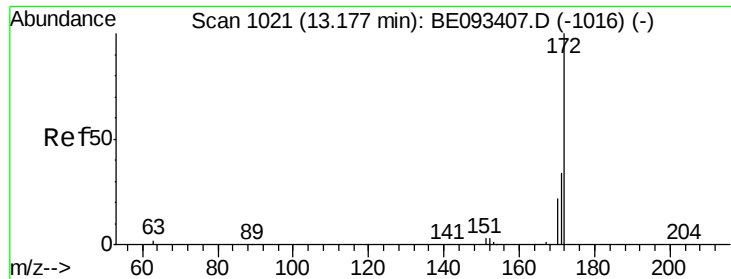
Ion Ratio Lower Upper

330 100

332 120.1 77.7 116.5#

141 0.0 56.2 84.4#

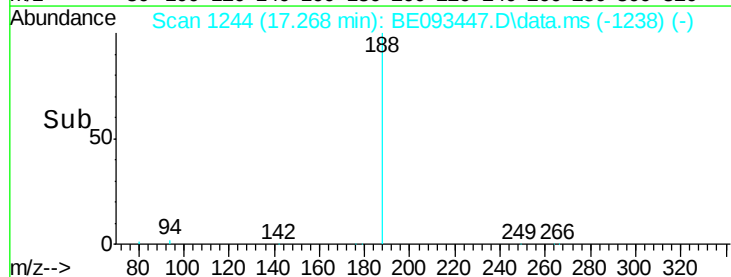
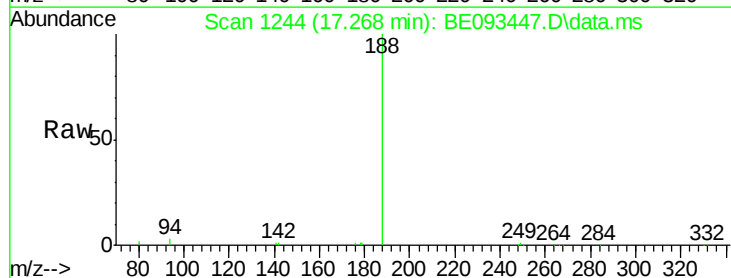
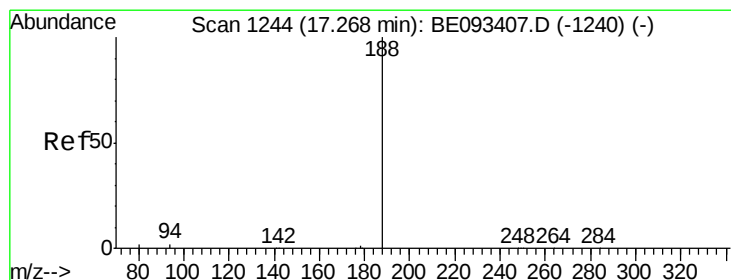
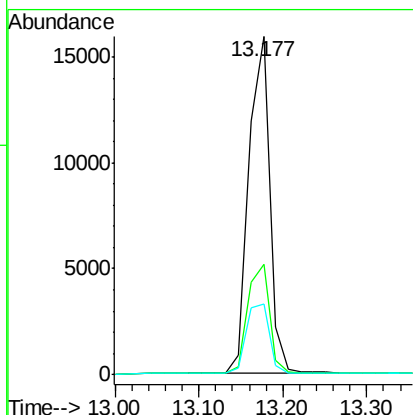




#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.177 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE093447.D
Acq: 7 Jul 2017 17:33

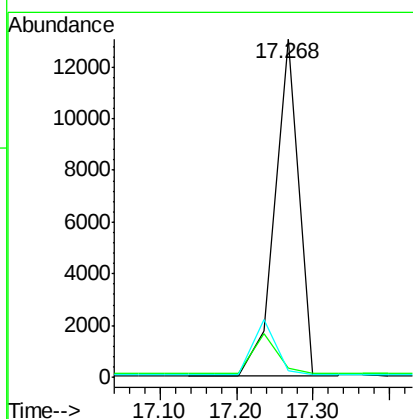
Instrument :
BNA_E
ClientSampleId :
MW-59BR-20170630

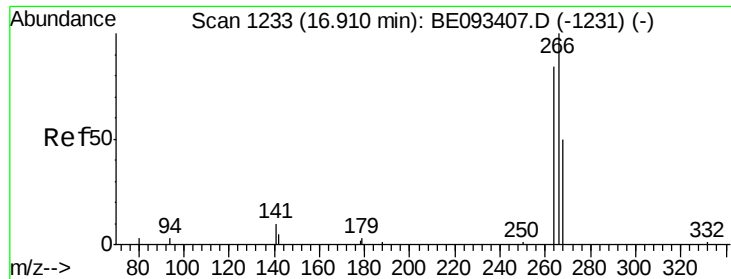
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.8	29.8	44.6
170	20.9	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.268 min Scan# 1244
Delta R.T. -0.001 min
Lab File: BE093447.D
Acq: 7 Jul 2017 17:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.6	11.3	16.9#
80	1.8	11.7	17.5#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.909 min Scan# 12

Delta R.T. 0.000 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

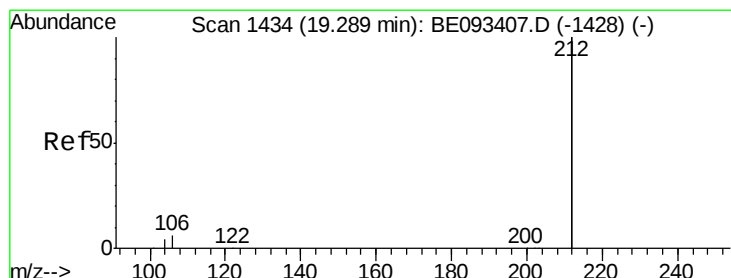
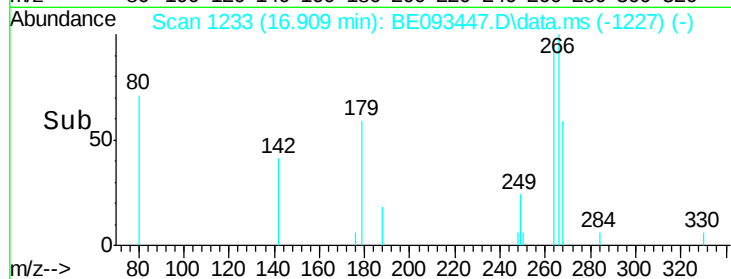
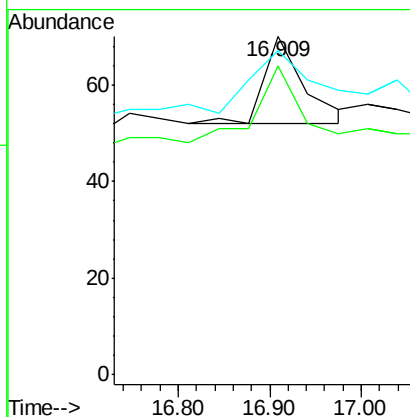
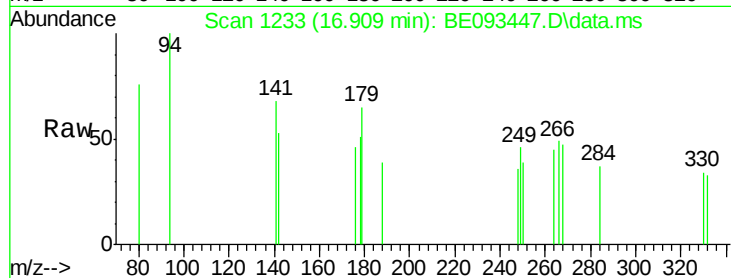
Tot Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

264 91.4 58.2 87.2#

268 95.7 71.9 107.9



#25

Fluoranthene-d10

Concen: 0.46 ng

RT: 19.283 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

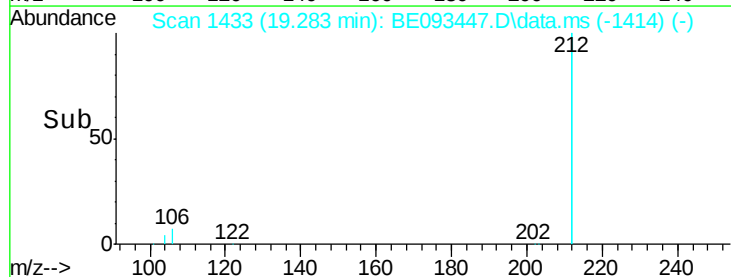
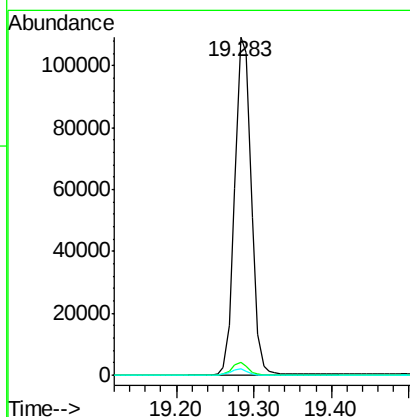
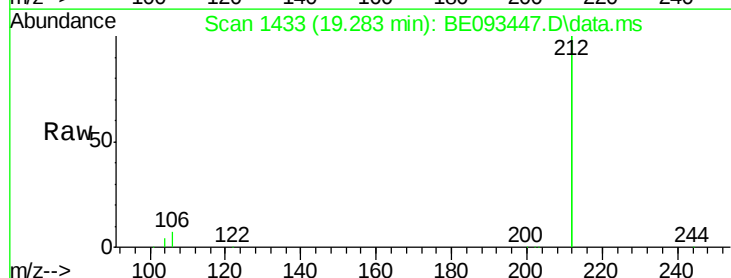
Tgt Ion:212 Resp: 160538

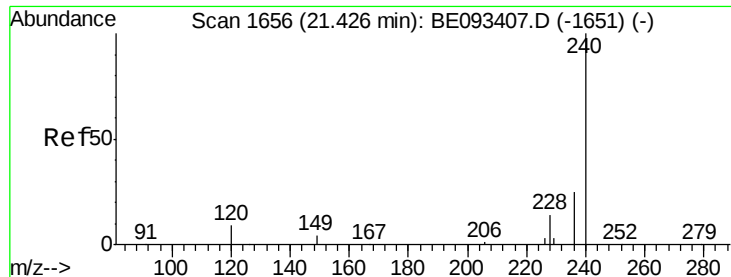
Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.426 min Scan# 16

Delta R.T. 0.000 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

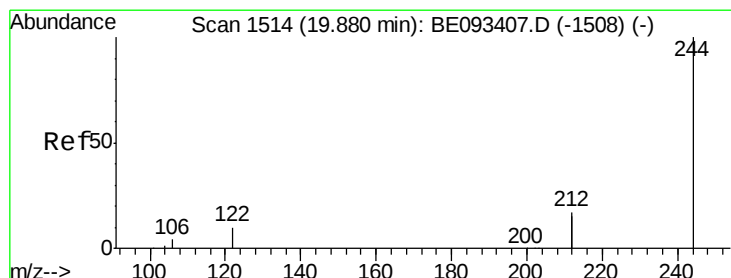
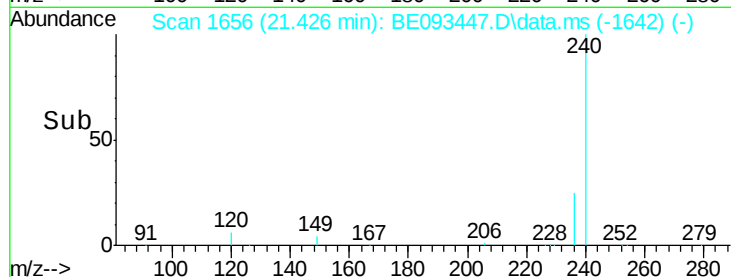
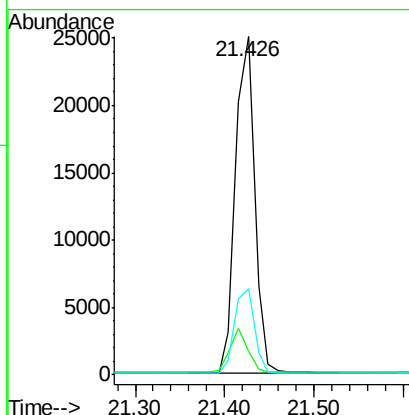
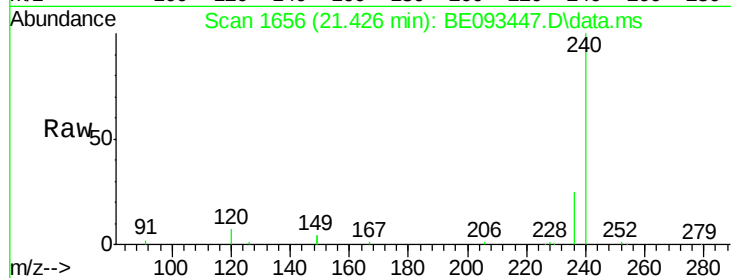
Tot Ion:240 Resp: 37638

Ion Ratio Lower Upper

240 100

120 6.8 4.6 7.0

236 25.4 20.8 31.2



#29

Terphenyl-d14

Concen: 0.48 ng

RT: 19.874 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

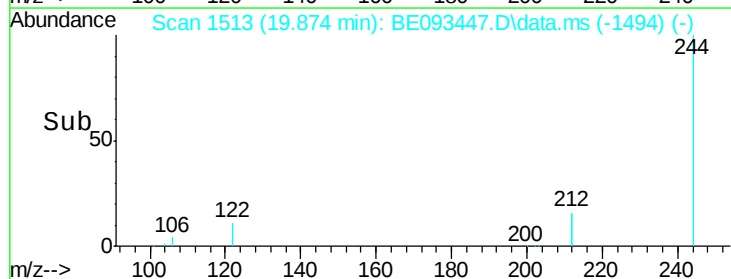
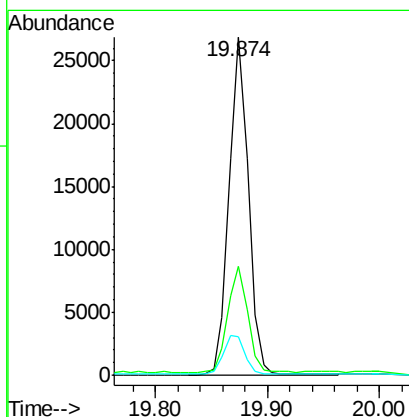
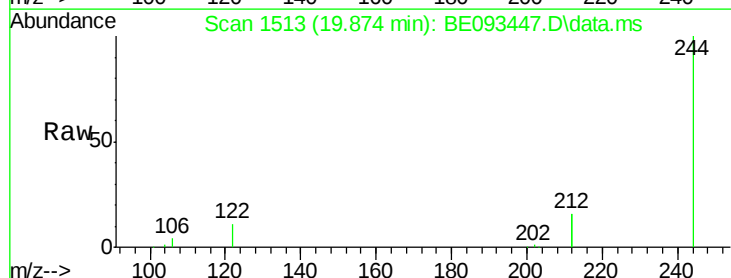
Tgt Ion:244 Resp: 31972

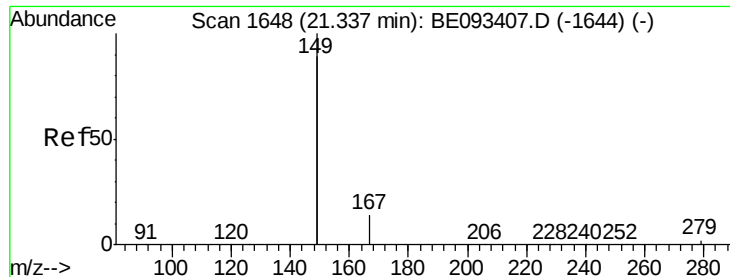
Ion Ratio Lower Upper

244 100

212 32.2 10.6 16.0#

122 11.3 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.326 min Scan# 16

Delta R.T. -0.011 min

Lab File: BE093447.D

Acq: 7 Jul 2017 17:33

Instrument :

BNA_E

ClientSampleId :

MW-59BR-20170630

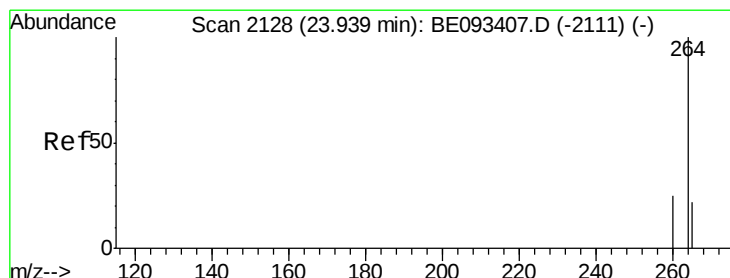
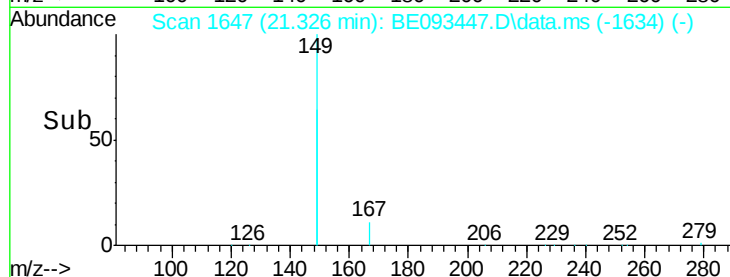
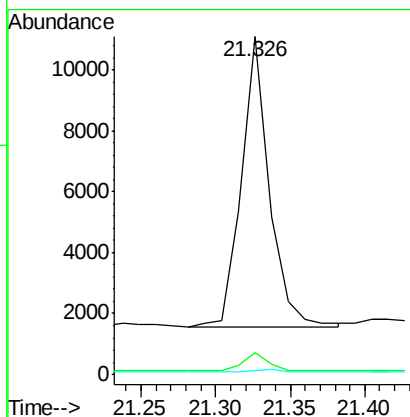
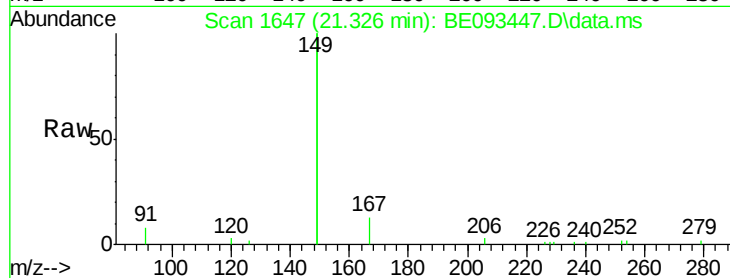
Tot Ion:149 Resp: 12445

Ion Ratio Lower Upper

149 100

167 5.8 20.1 30.1#

279 1.0 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: BE093447.D

Acq: 7 Jul 2017 17:33

Tgt Ion:264 Resp: 32581

Ion Ratio Lower Upper

264 100

260 24.4 21.0 31.4

265 27.8 24.6 36.8

