

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
 Data File : BE093438.D
 Acq On : 7 Jul 2017 11:59
 Operator : SJ/JU
 Sample : I4009-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-08BR-20170629

Quant Time: Jul 07 18:07:13 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

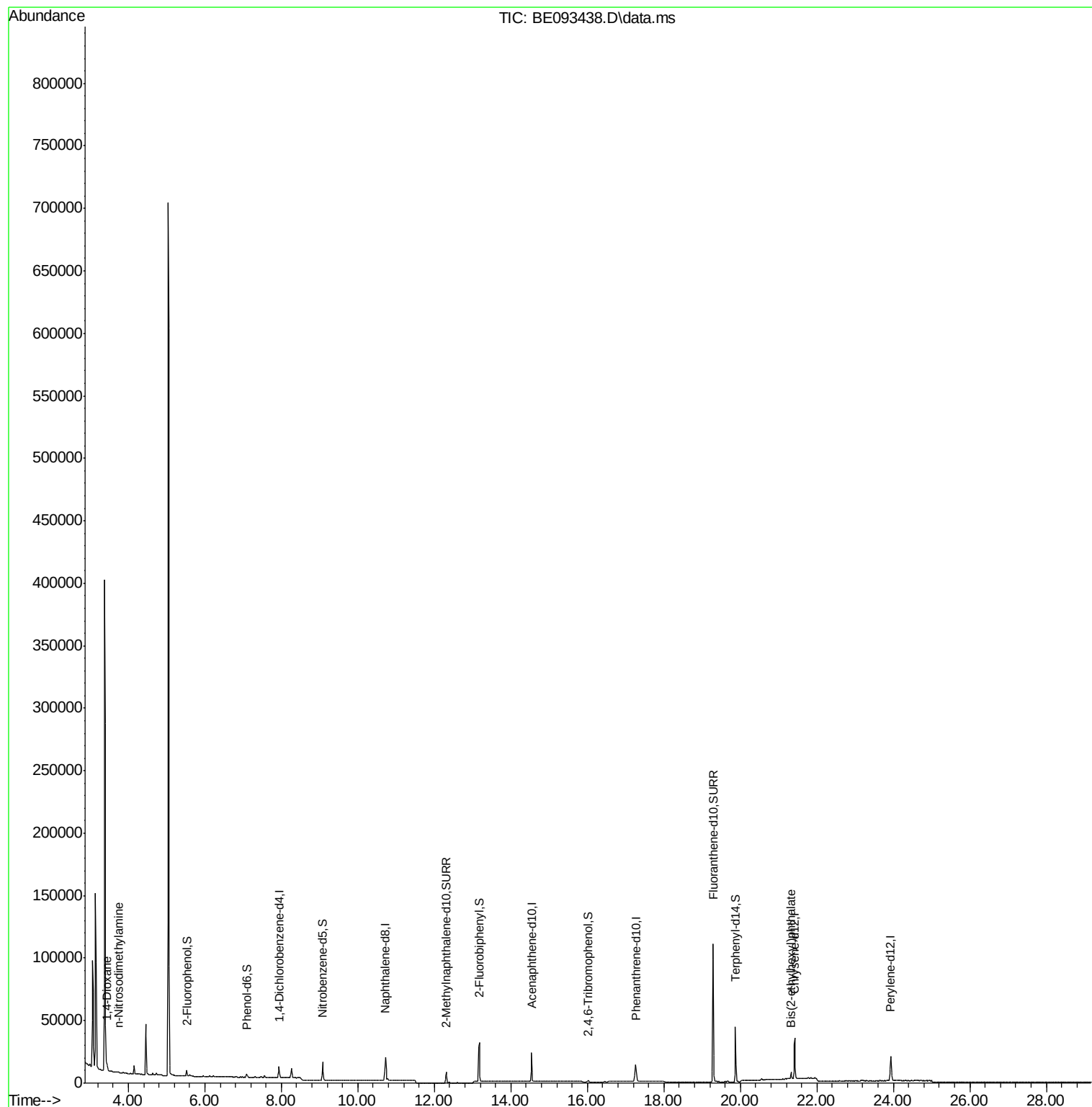
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.942	152	4126	0.40	ng	0.00
7) Naphthalene-d8	10.723	136	20790	0.40	ng	0.00
13) Acenaphthene-d10	14.541	164	13110	0.40	ng	0.00
19) Phenanthrene-d10	17.269	188	28674	0.40	ng	0.00
27) Chrysene-d12	21.427	240	35995	0.40	ng	0.00
34) Perylene-d12	23.935	264	30901	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.525	112	2525	0.20	ng	0.00
5) Phenol-d6	7.099	99	2494	0.14	ng	0.00
8) Nitrobenzene-d5	9.078	82	5895	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.307	152	12176	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.030	330	1142	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.178	172	35237	0.69	ng	0.00
25) Fluoranthene-d10	19.289	212	150383	0.43	ng	0.00
29) Terphenyl-d14	19.873	244	37019	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	2747	0.31	ng	# 30
3) n-Nitrosodimethylamine	3.737	42	97	0.14	ng	# 1
22) Pentachlorophenol	16.910	266	23	Below	Cal	90
32) Bis(2-ethylhexyl)phtha...	21.327	149	6533	0.05	ng	# 67

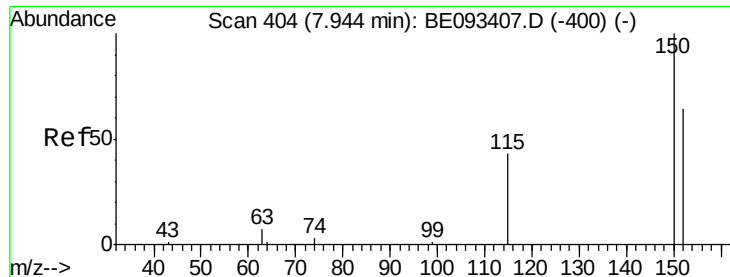
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093438.D
Acq On : 7 Jul 2017 11:59
Operator : SJ/JU
Sample : I4009-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-08BR-20170629

Quant Time: Jul 07 18:07:13 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: 7.942 min Scan# 40

Delta R.T. -0.001 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

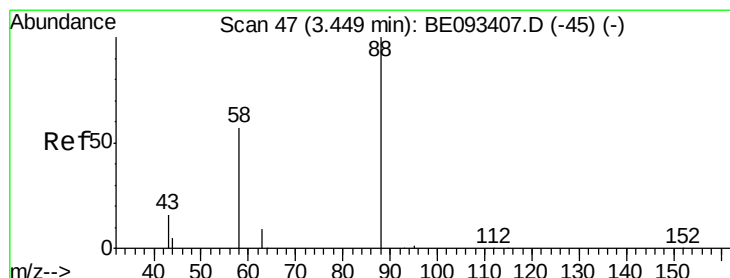
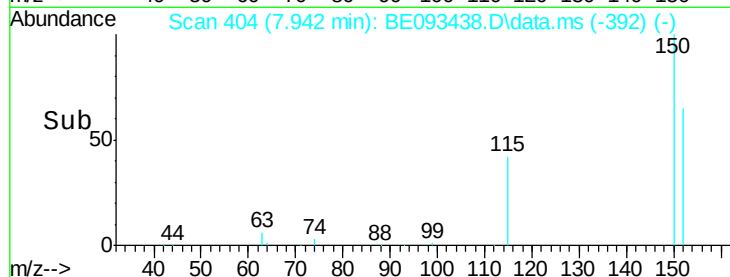
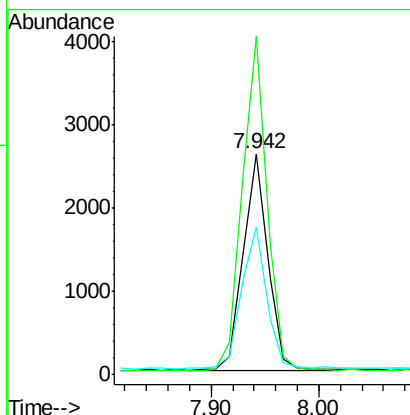
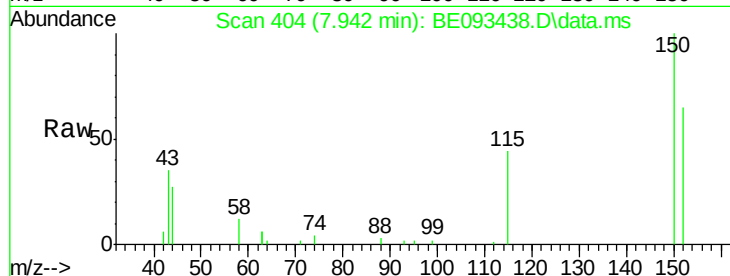
Tot Ion:152 Resp: 4126

Ion Ratio Lower Upper

152 100

150 153.1 125.1 187.7

115 66.6 55.7 83.5



#2

1,4-Dioxane

Concen: 0.31 ng

RT: 3.448 min Scan# 47

Delta R.T. -0.001 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

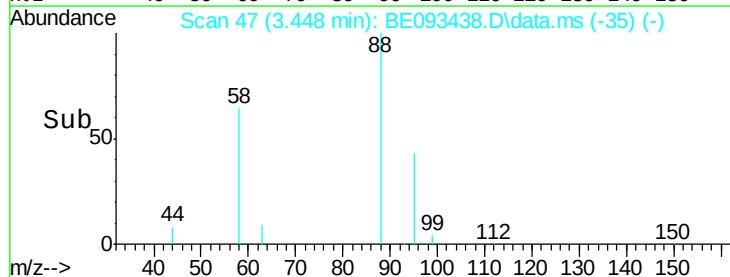
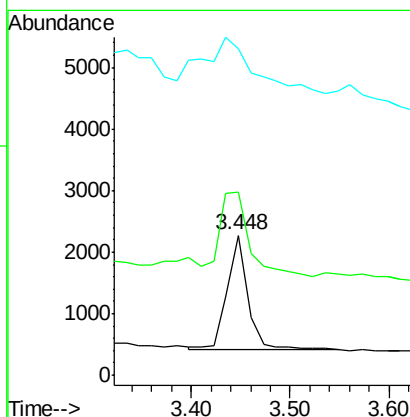
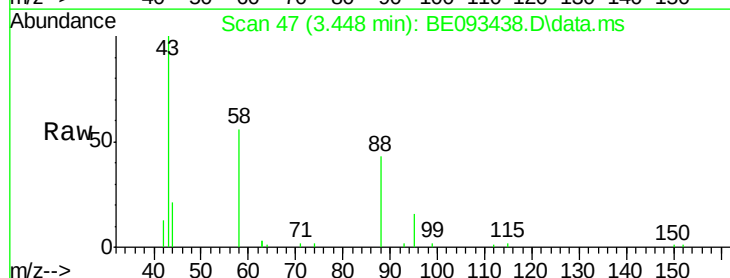
Tgt Ion: 88 Resp: 2747

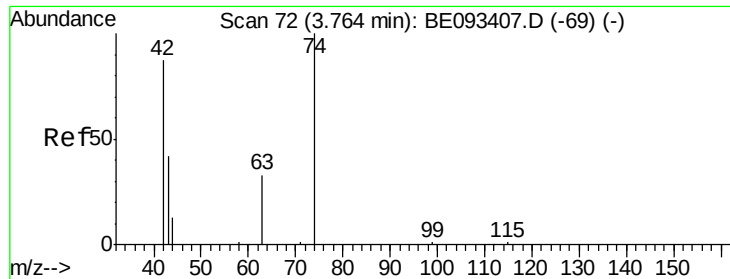
Ion Ratio Lower Upper

88 100

58 104.7 62.2 93.4#

43 122.1 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.737 min Scan# 70

Delta R.T. -0.026 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

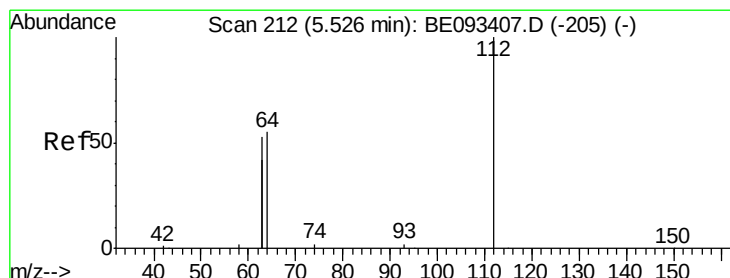
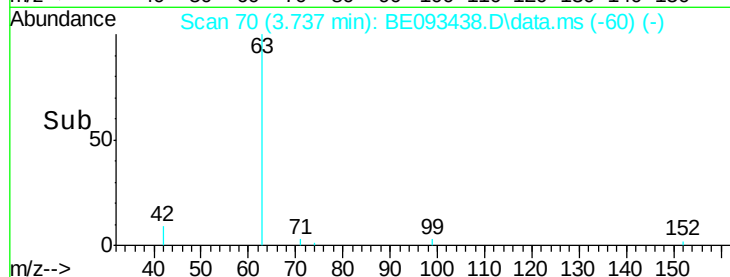
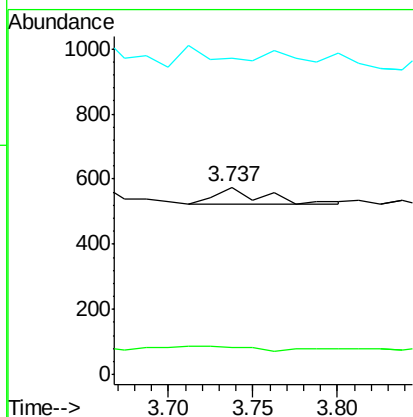
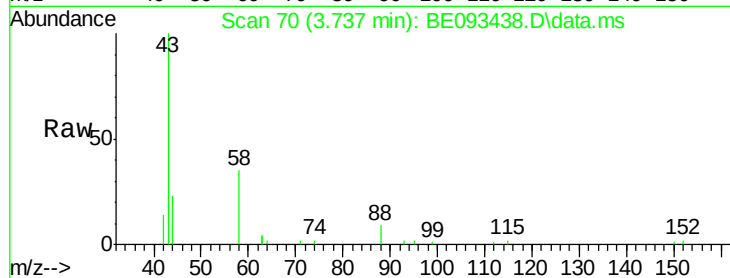
Tot Ion: 42 Resp: 97

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

44 0.0 7.4 11.2#



#4

2-Fluorophenol

Concen: 0.20 ng

RT: 5.525 min Scan# 212

Delta R.T. -0.001 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

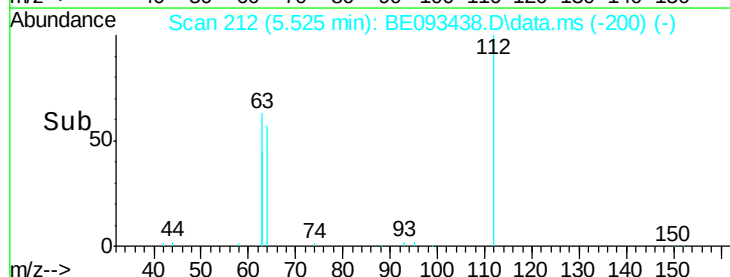
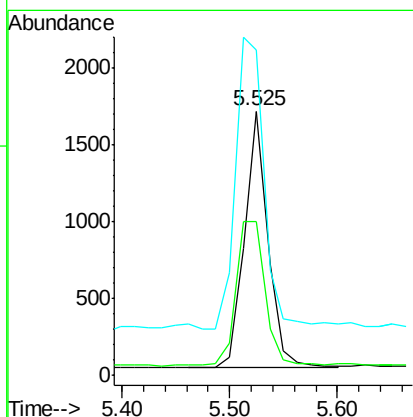
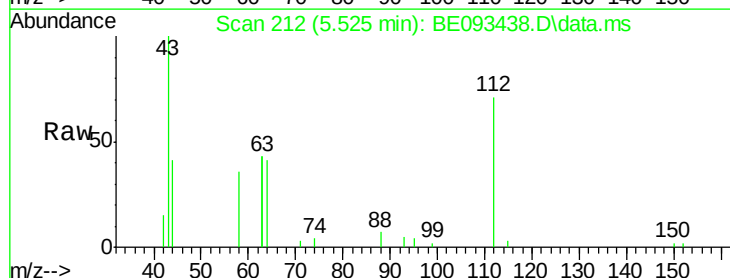
Tgt Ion: 112 Resp: 2525

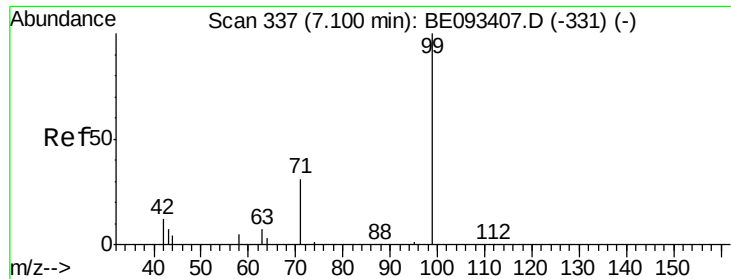
Ion Ratio Lower Upper

112 100

64 71.8 56.4 84.6

63 142.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.14 ng

RT: 7.099 min Scan# 33

Delta R.T. -0.001 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

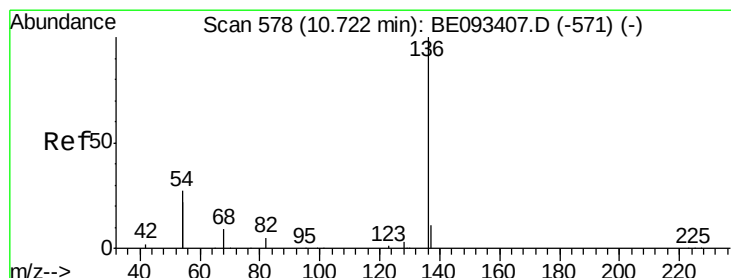
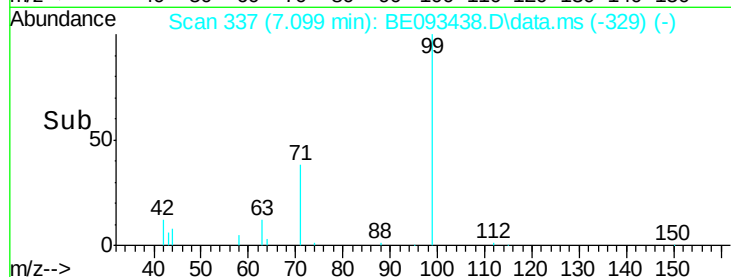
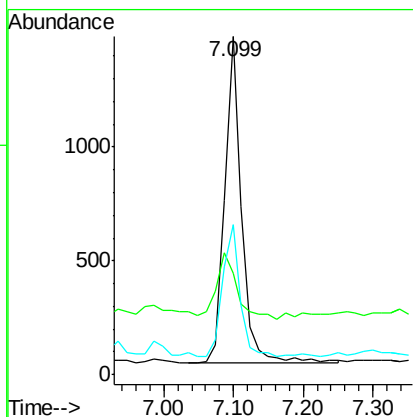
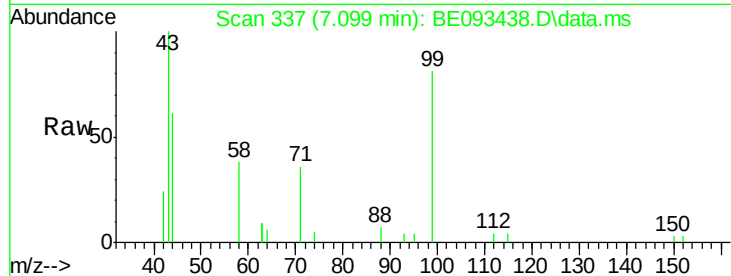
Tot Ion: 99 Resp: 2494

Ion Ratio Lower Upper

99 100

42 23.9 0.0 0.0#

71 40.7 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.723 min Scan# 578

Delta R.T. 0.000 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Tgt Ion: 136 Resp: 20790

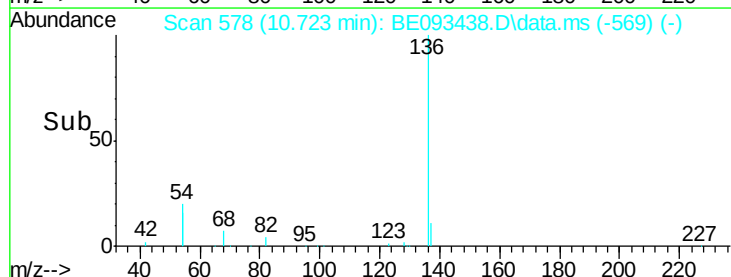
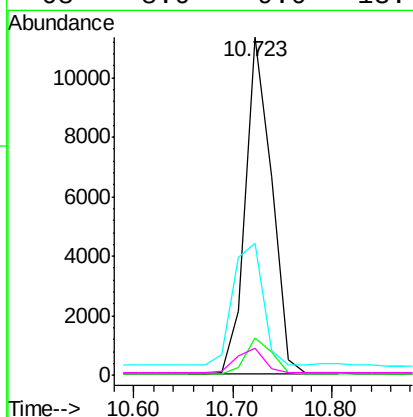
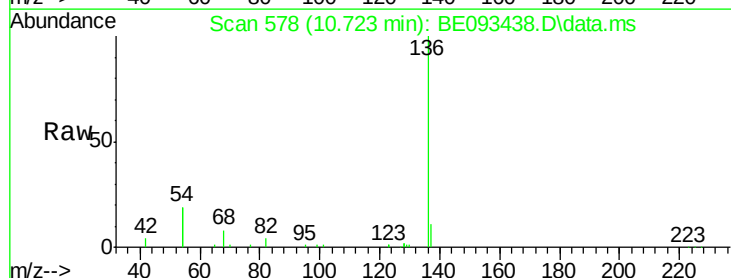
Ion Ratio Lower Upper

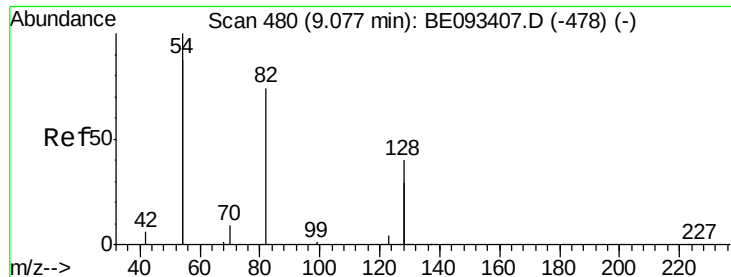
136 100

137 11.0 9.8 14.8

54 38.9 10.3 15.5#

68 8.0 9.0 13.4#

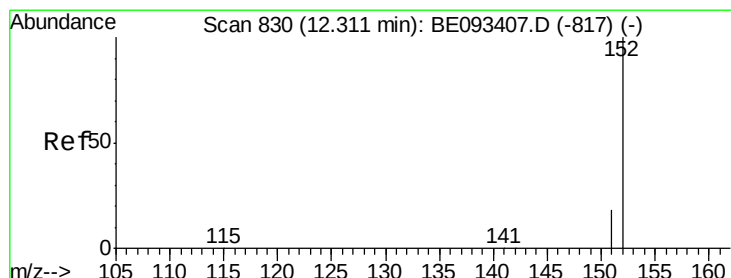
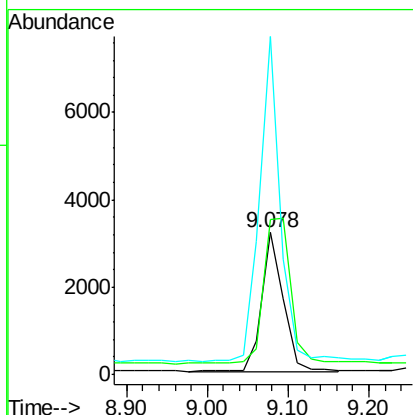
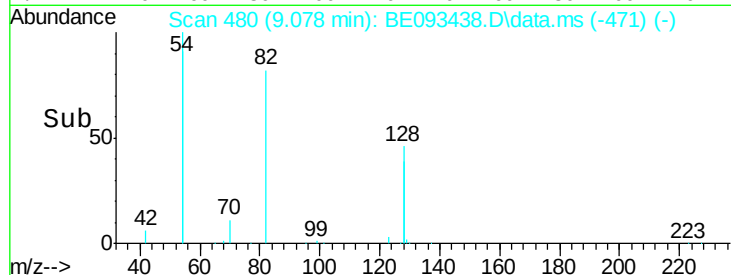
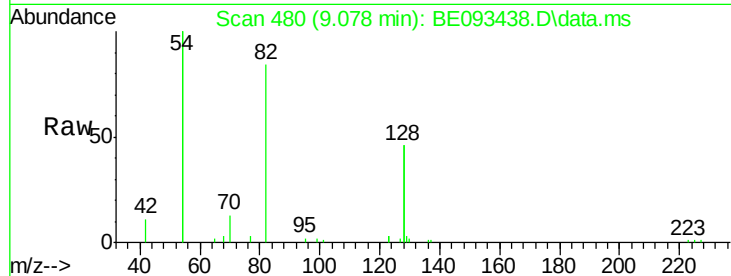




#8
 Nitrobenzene-d5
 Concen: 0.44 ng
 RT: 9.078 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: BE093438.D
 Acq: 7 Jul 2017 11:59

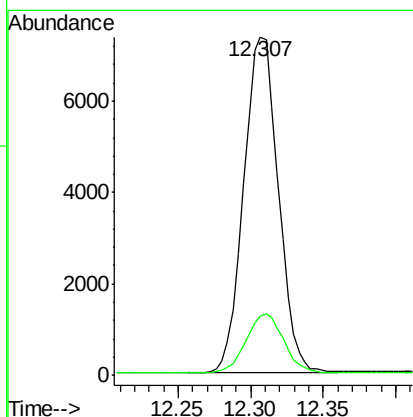
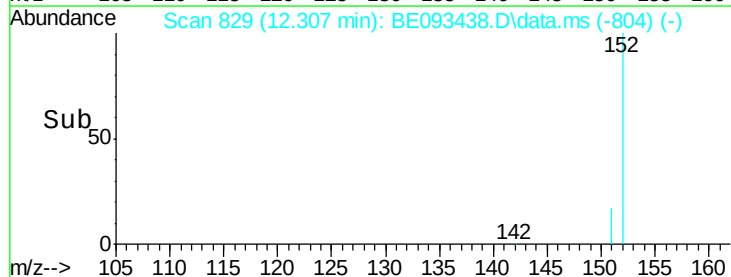
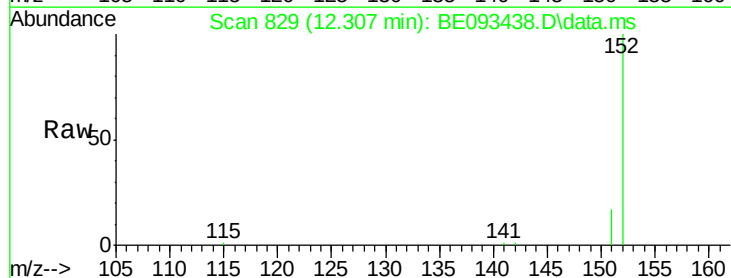
Instrument :
 BNA_E
 ClientSampleId :
 MW-08BR-20170629

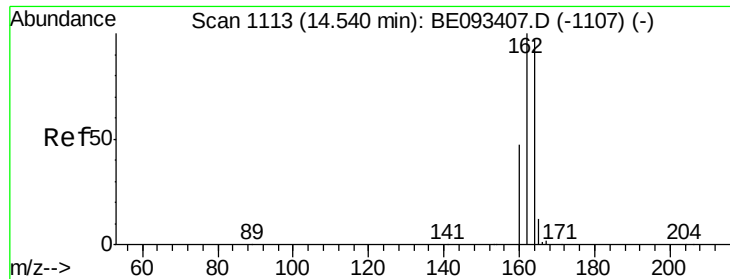
Tot Ion	Ratio	Lower	Upper
82	100		
128	109.3	17.0	25.4#
54	238.7	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.37 ng
 RT: 12.307 min Scan# 829
 Delta R.T. -0.004 min
 Lab File: BE093438.D
 Acq: 7 Jul 2017 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.541 min Scan# 1113

Delta R.T. 0.001 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

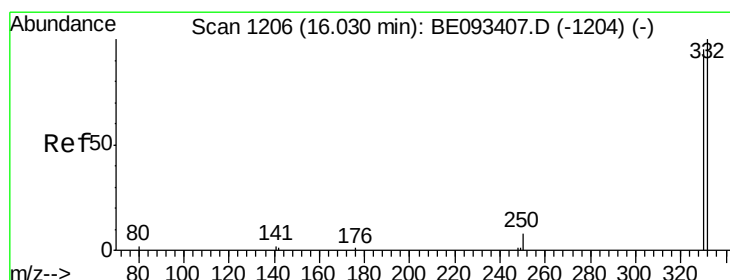
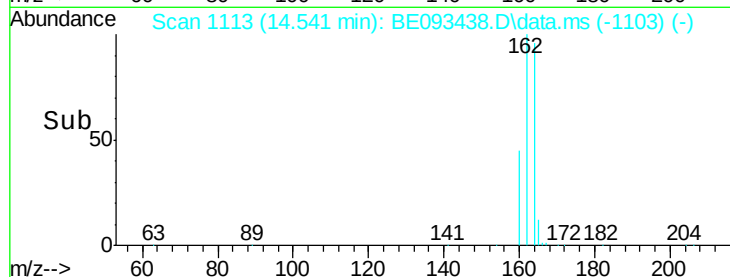
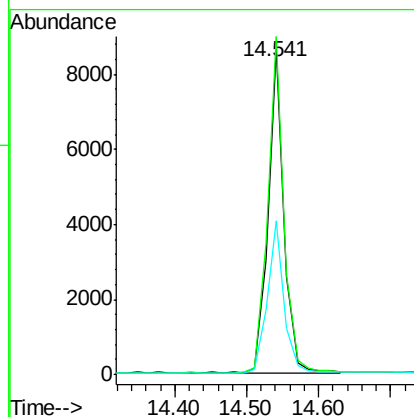
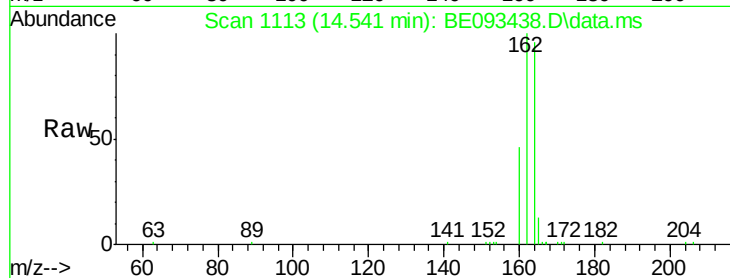
Tot Ion:164 Resp: 13110

Ion Ratio Lower Upper

164 100

162 104.1 84.6 127.0

160 47.5 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.28 ng

RT: 16.030 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

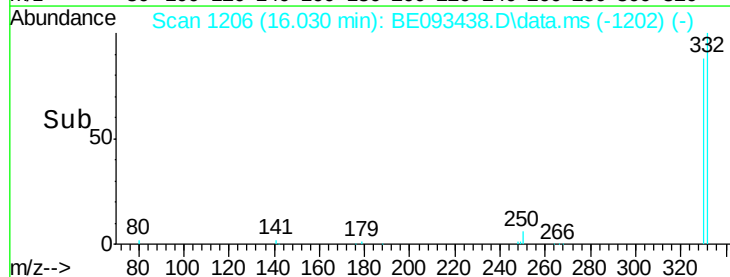
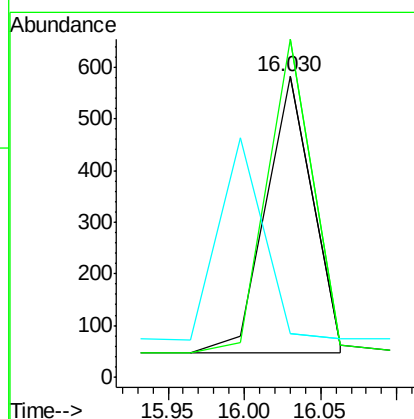
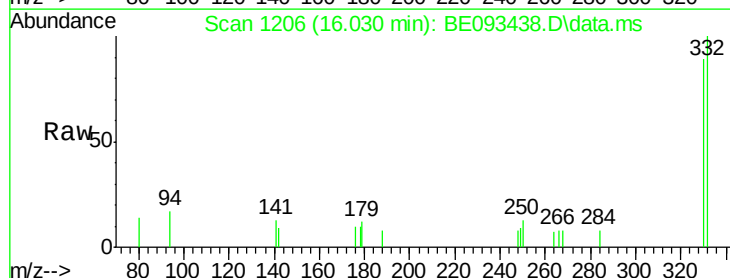
Tgt Ion:330 Resp: 1142

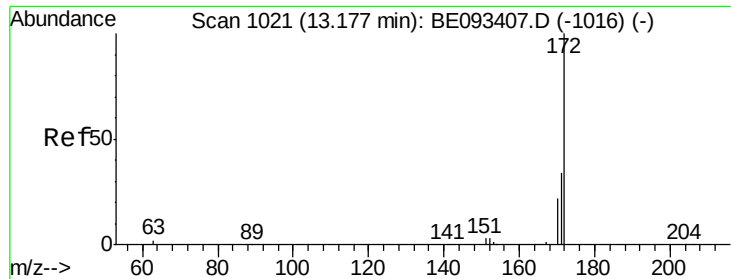
Ion Ratio Lower Upper

330 100

332 109.8 77.7 116.5

141 0.0 56.2 84.4#

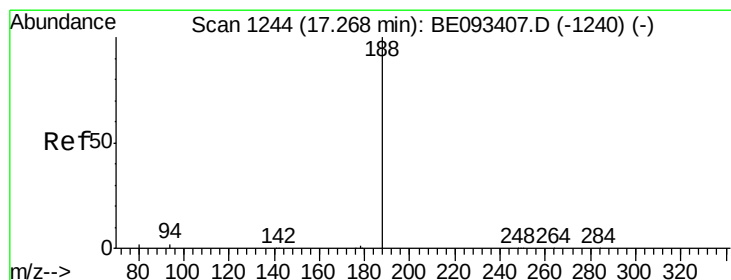
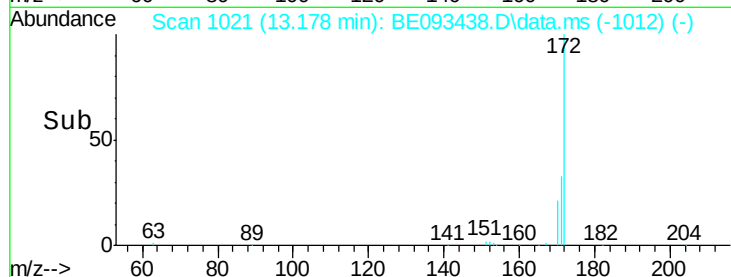
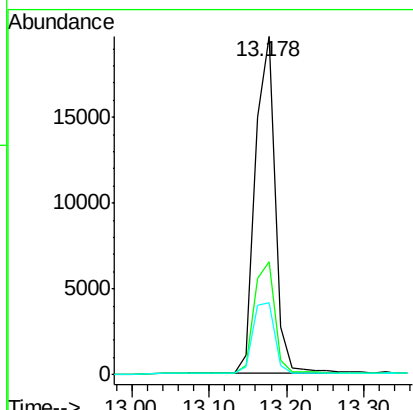
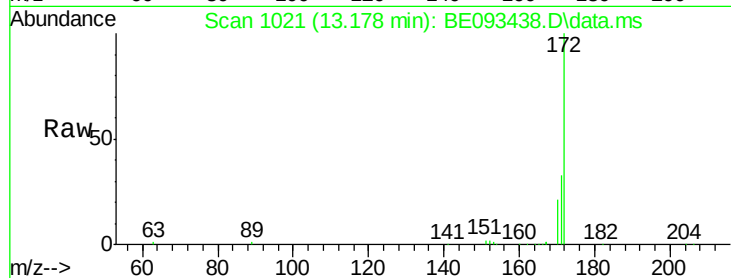




#15
2-Fluorobiphenyl
Concen: 0.69 ng
RT: 13.178 min Scan# 1021
Delta R.T. 0.001 min
Lab File: BE093438.D
Acq: 7 Jul 2017 11:59

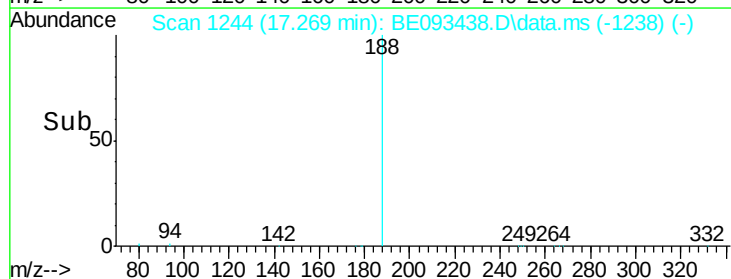
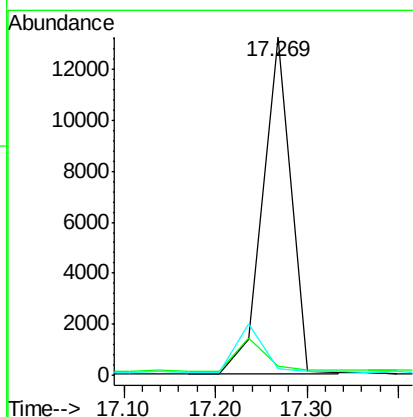
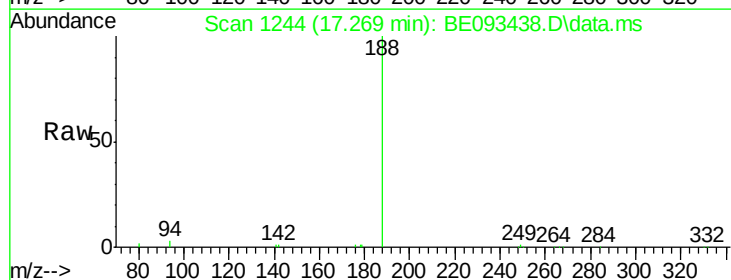
Instrument :
BNA_E
ClientSampleId :
MW-08BR-20170629

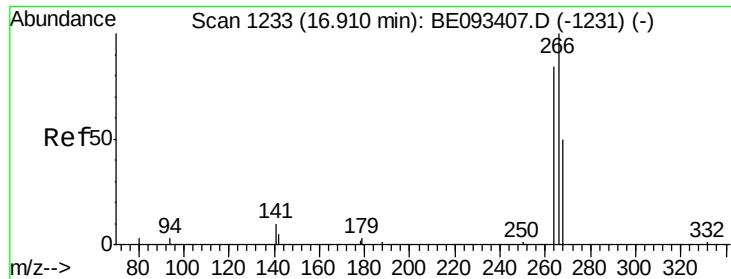
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.8	44.6
170	21.4	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.269 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BE093438.D
Acq: 7 Jul 2017 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.8	11.3	16.9#
80	2.1	11.7	17.5#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.910 min Scan# 12

Delta R.T. 0.001 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

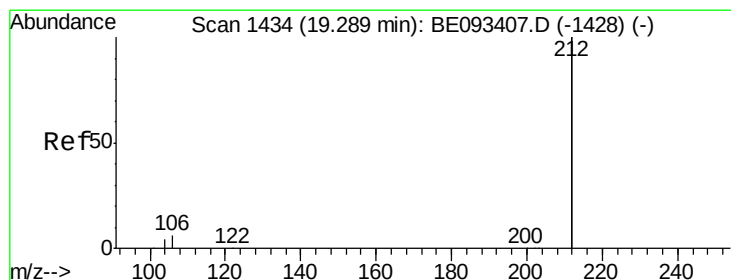
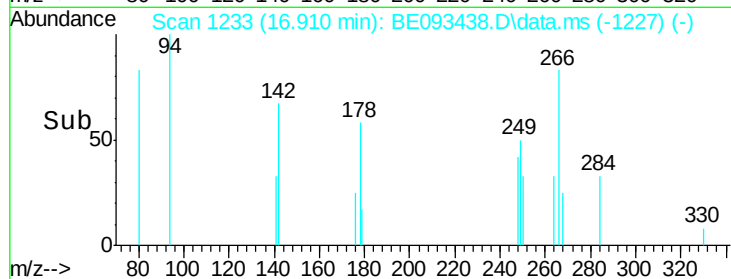
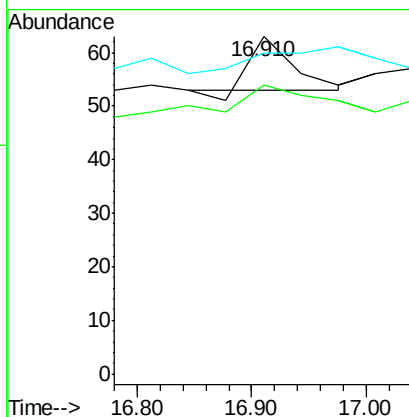
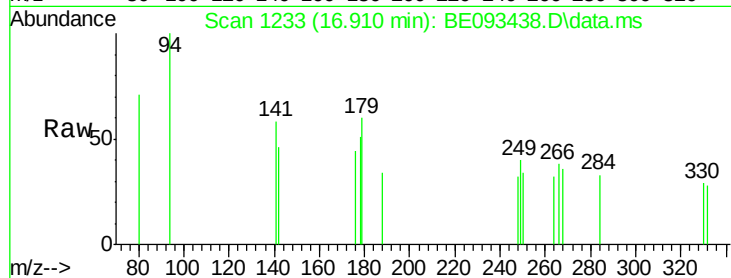
Tot Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 85.7 58.2 87.2

268 95.2 71.9 107.9



#25

Fluoranthene-d10

Concen: 0.43 ng

RT: 19.289 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

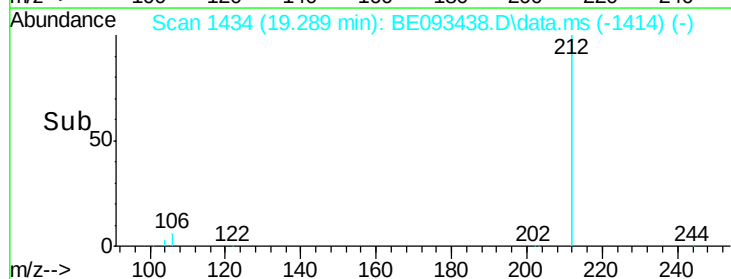
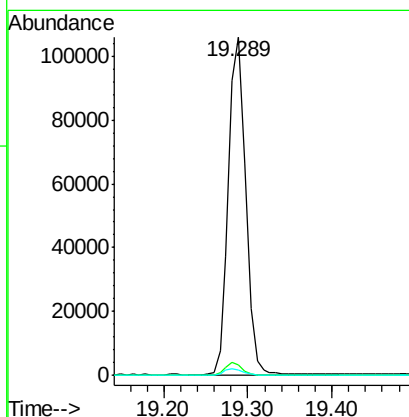
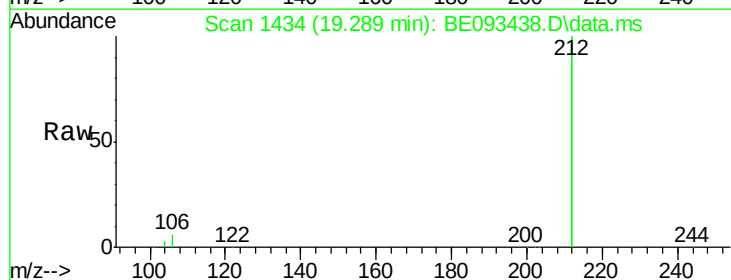
Tgt Ion:212 Resp: 150383

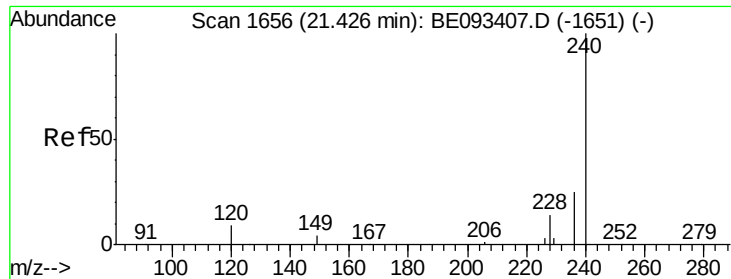
Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.427 min Scan# 16

Delta R.T. 0.000 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

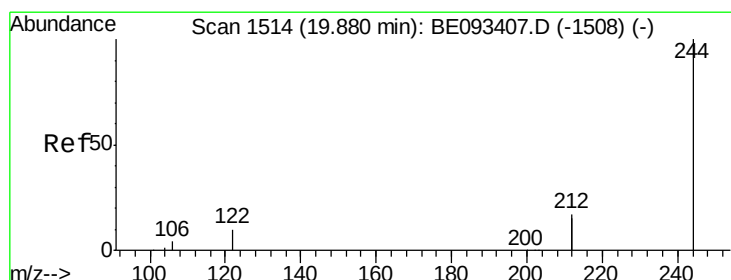
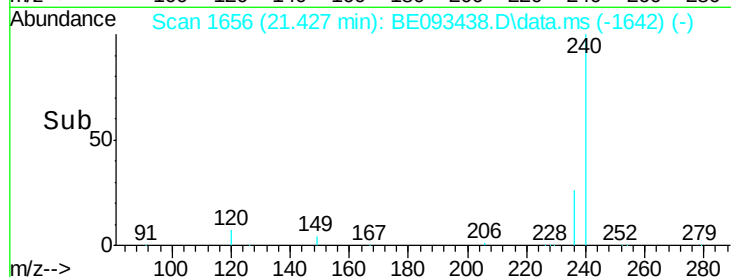
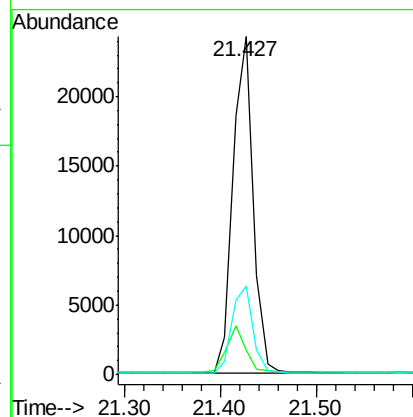
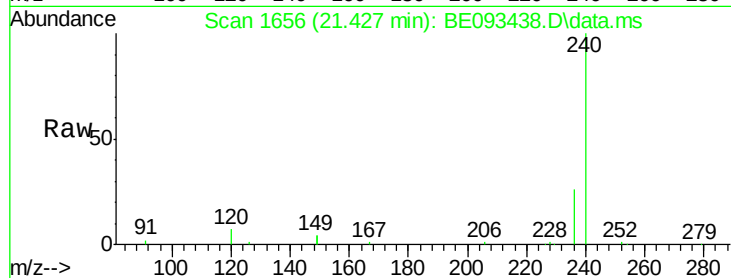
Tot Ion:240 Resp: 35995

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

236 26.1 20.8 31.2



#29

Terphenyl-d14

Concen: 0.58 ng

RT: 19.873 min Scan# 1513

Delta R.T. -0.007 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

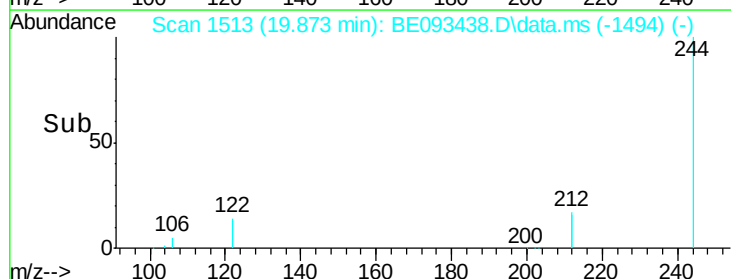
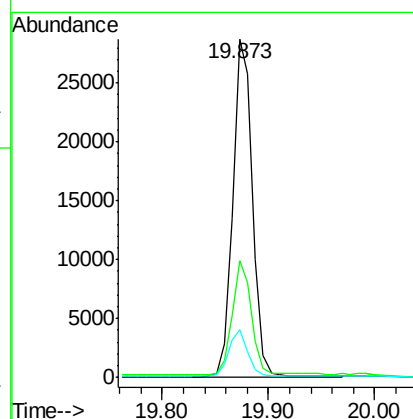
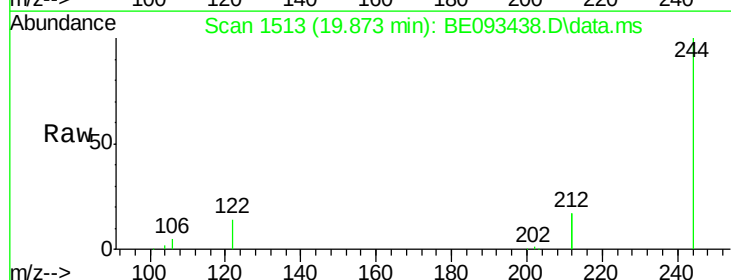
Tgt Ion:244 Resp: 37019

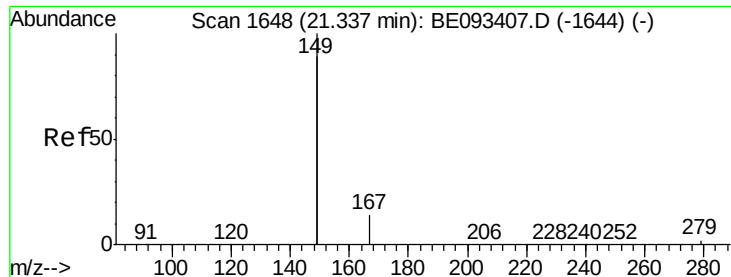
Ion Ratio Lower Upper

244 100

212 34.6 10.6 16.0#

122 14.2 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 21.327 min Scan# 16

Delta R.T. -0.011 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

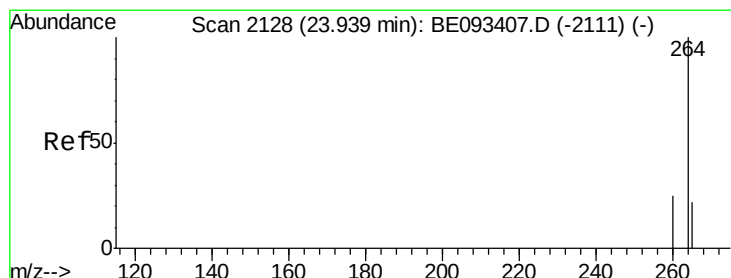
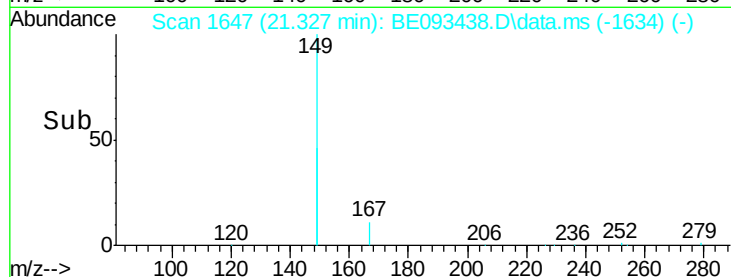
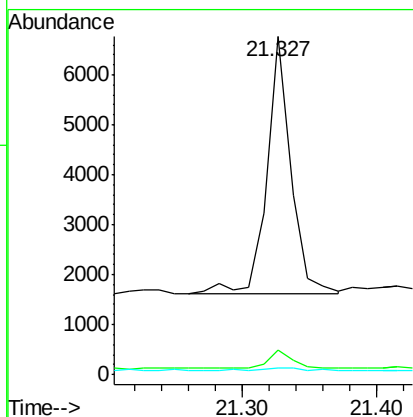
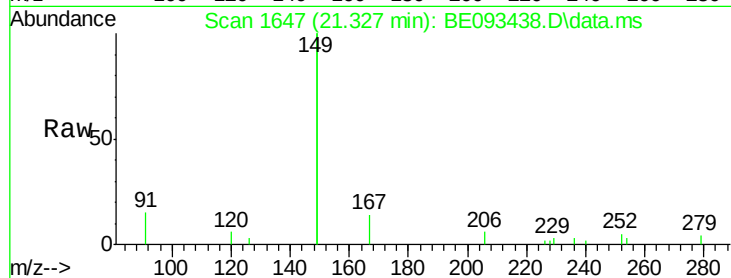
Tot Ion:149 Resp: 6533

Ion Ratio Lower Upper

149 100

167 6.9 20.1 30.1#

279 1.5 2.2 3.4#



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.935 min Scan# 2127

Delta R.T. -0.004 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Tgt Ion:264 Resp: 30901

Ion Ratio Lower Upper

264 100

260 24.6 21.0 31.4

265 28.1 24.6 36.8

