

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
 Data File : BF090190.D
 Acq On : 22 Sep 2016 16:44
 Operator : UM/SJ
 Sample : H4860-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

Quant Time: Sep 23 00:54:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

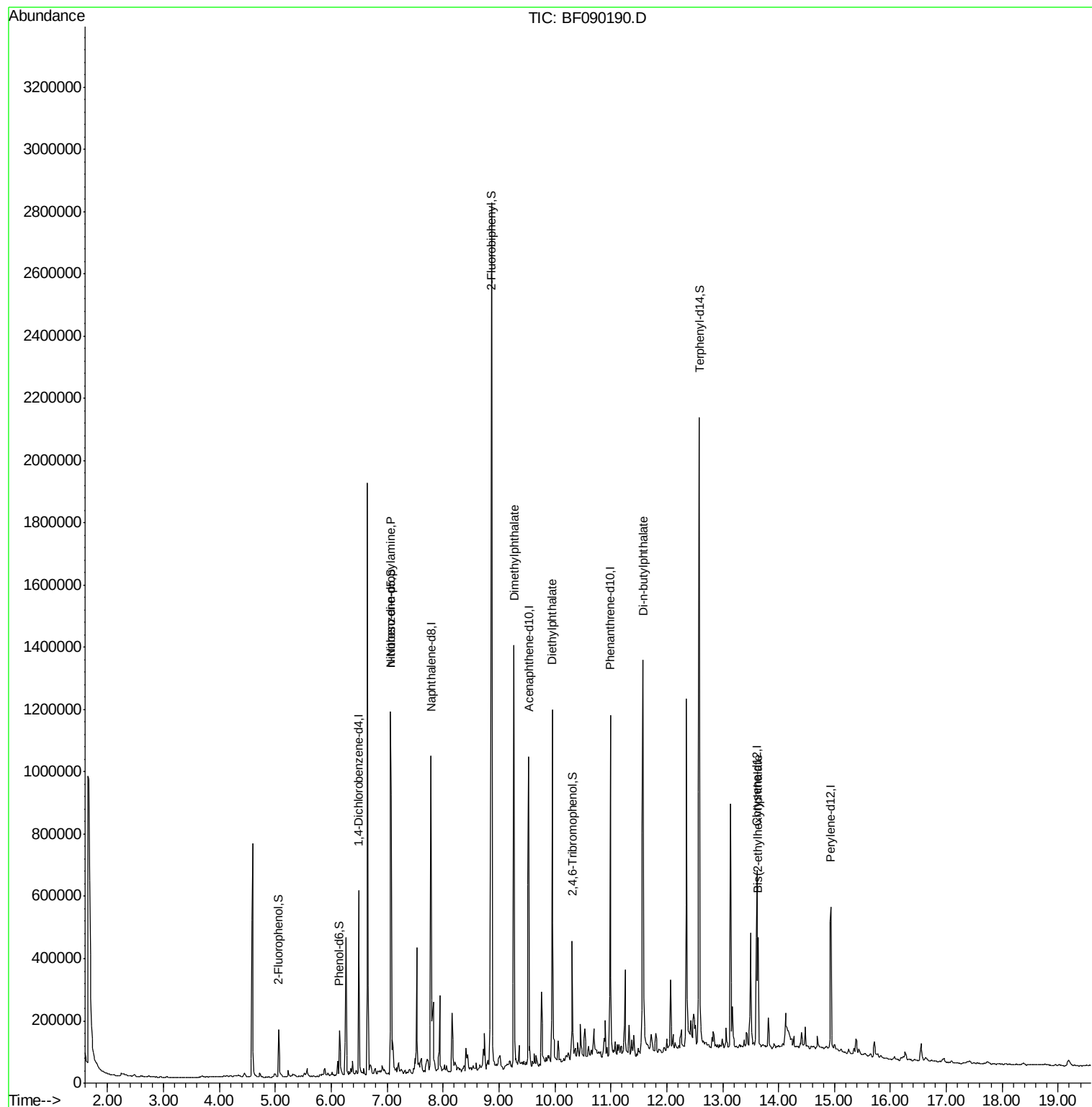
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	125814	20.00	ng	-0.03
21) Naphthalene-d8	7.78	136	509566	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	273341	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	401806	20.00	ng	-0.03
75) Chrysene-d12	13.61	240	249555	20.00	ng	-0.02
86) Perylene-d12	14.94	264	248757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	62535	8.10	ng	-0.01
7) Phenol-d6	6.15	99	75803	7.95	ng	-0.02
23) Nitrobenzene-d5	7.06	82	507889	57.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	51148	21.81	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	962071	69.10	ng	-0.02
78) Terphenyl-d14	12.58	244	740884	75.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	69454	12.40	ng	Qvalue # 83
49) Dimethylphthalate	9.27	163	554182	31.83	ng	99
59) Diethylphthalate	9.95	149	537355	31.96	ng	99
73) Di-n-butylphthalate	11.58	149	82954	3.42	ng	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	109022	10.20	ng	# 99

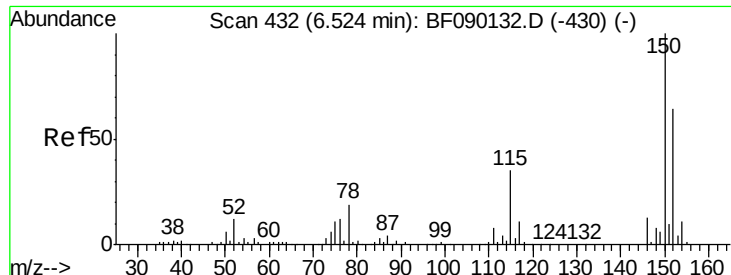
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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Quant Time: Sep 23 00:54:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

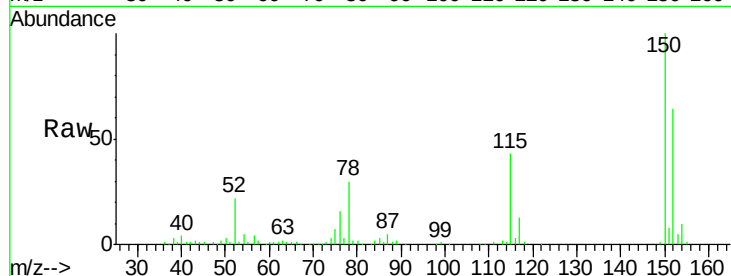
Tgt Ion:152 Resp: 125814

Ion Ratio Lower Upper

152 100

150 156.5 128.9 193.3

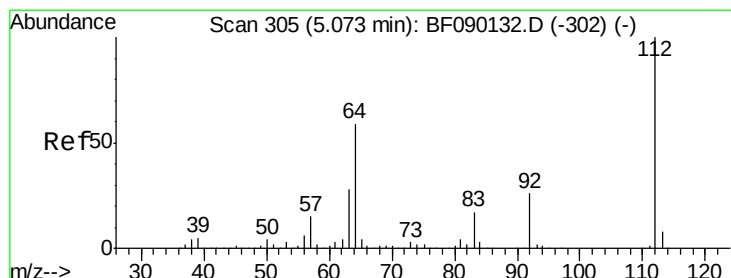
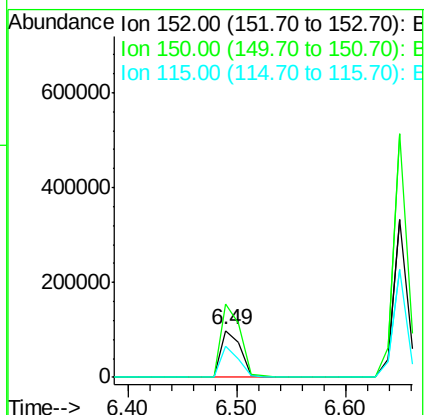
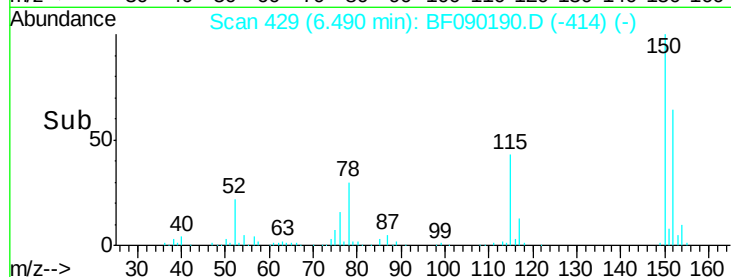
115 67.1 55.5 83.3



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



#5

2-Fluorophenol

Concen: 8.10 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

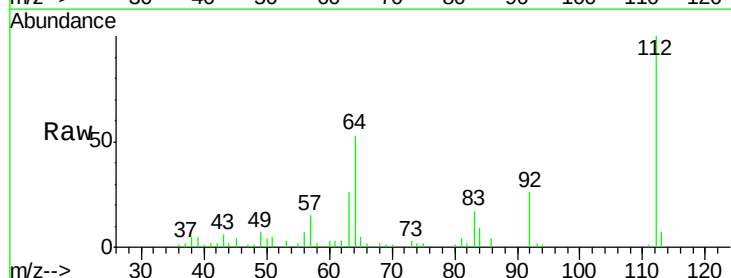
Tgt Ion:112 Resp: 62535

Ion Ratio Lower Upper

112 100

64 53.0 39.8 59.6

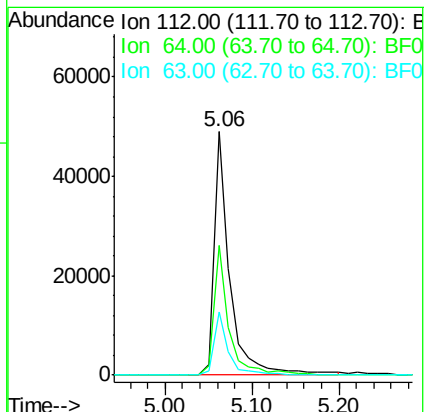
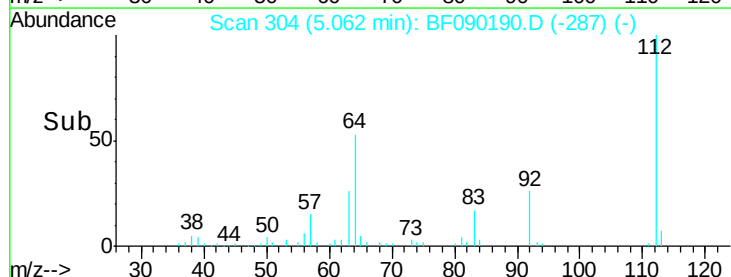
63 25.7 18.9 28.3

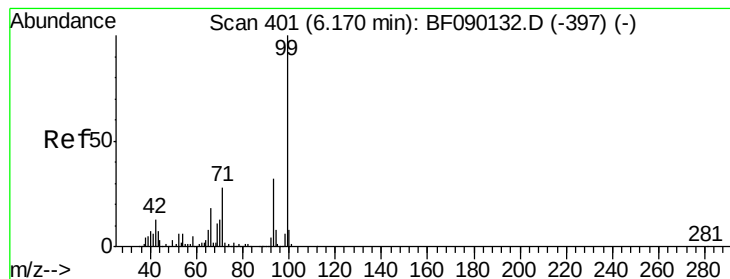


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.95 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

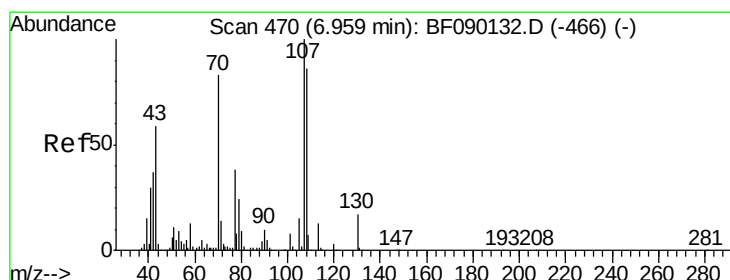
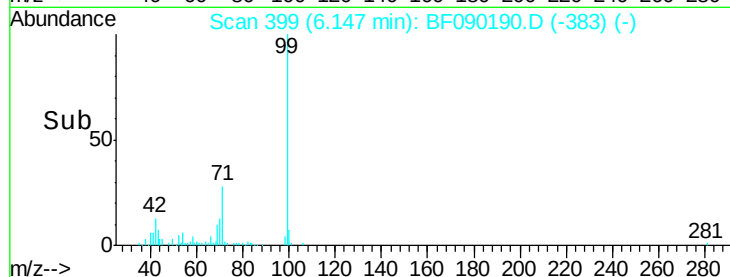
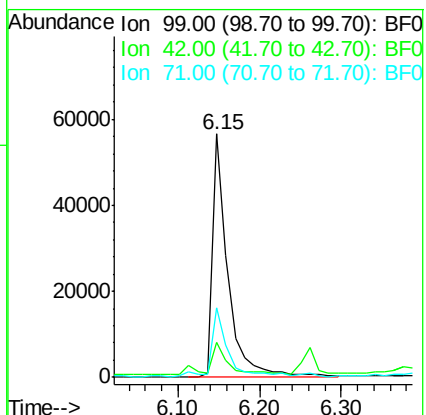
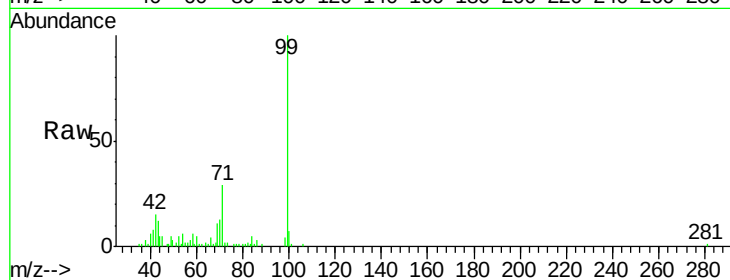
Tgt Ion: 99 Resp: 75803

Ion Ratio Lower Upper

99 100

42 14.6 10.6 15.8

71 28.7 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.40 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.10 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Tgt Ion: 70 Resp: 69454

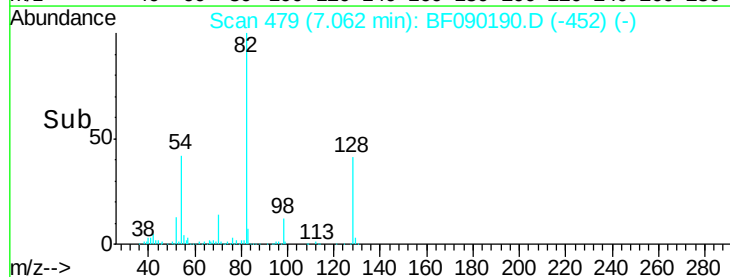
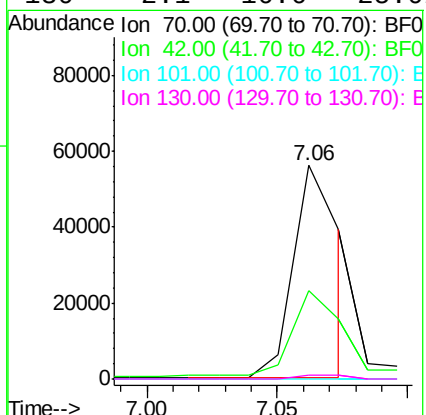
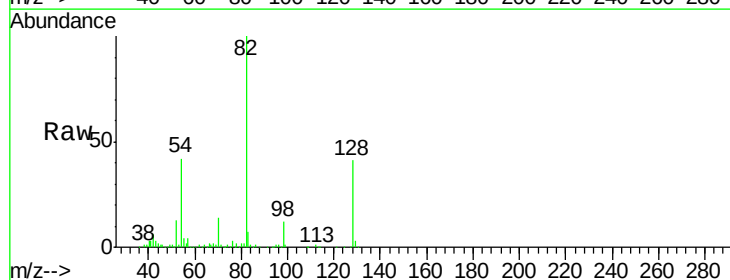
Ion Ratio Lower Upper

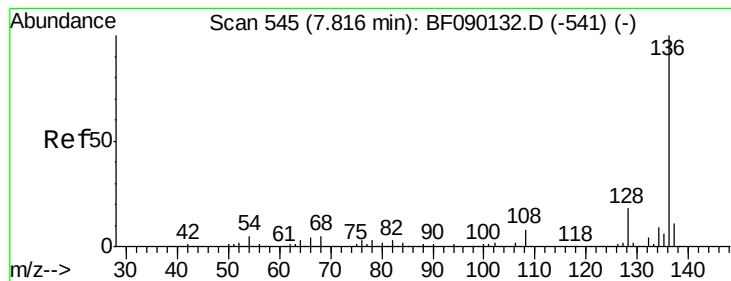
70 100

42 41.1 35.1 52.7

101 0.0 7.5 11.3#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

Tgt Ion: 136 Resp: 509566

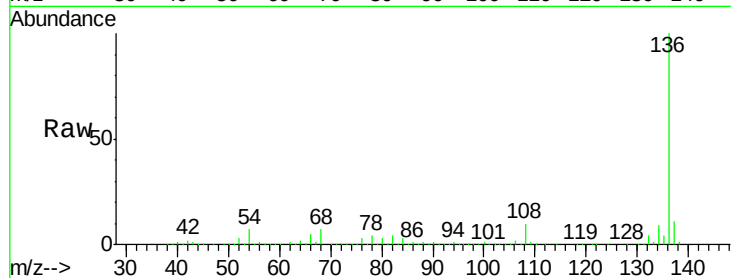
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 6.4 9.6

68 7.3 6.3 9.5

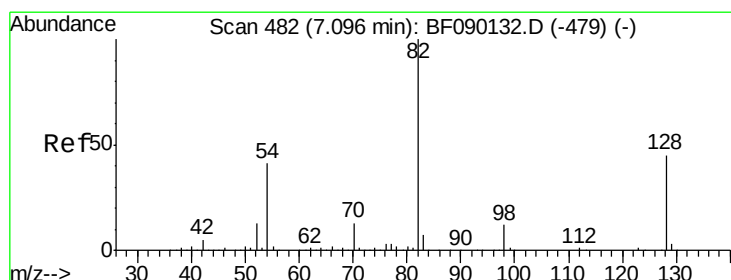
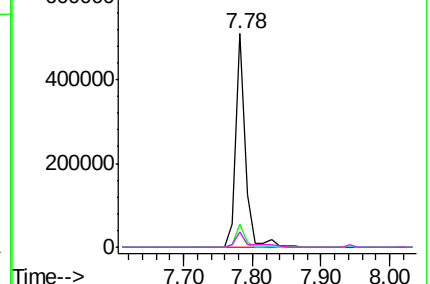
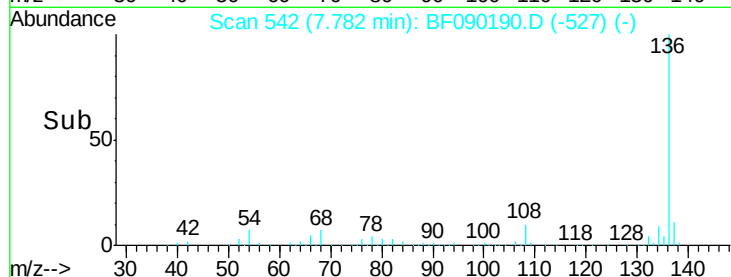


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 57.78 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.03 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

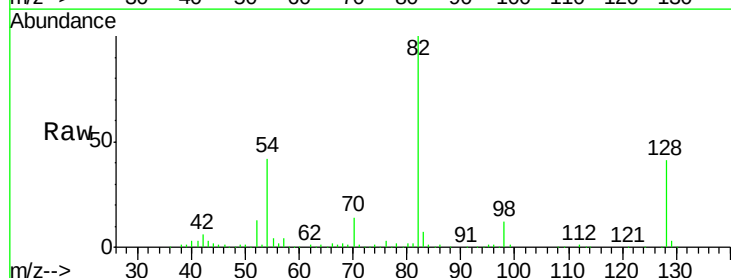
Tgt Ion: 82 Resp: 507889

Ion Ratio Lower Upper

82 100

128 41.2 37.5 56.3

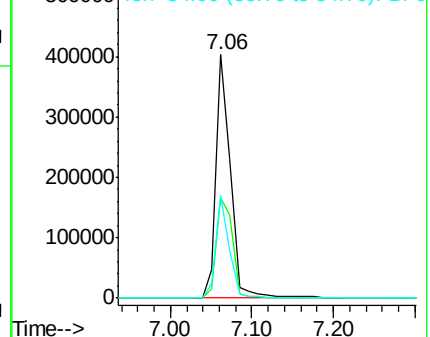
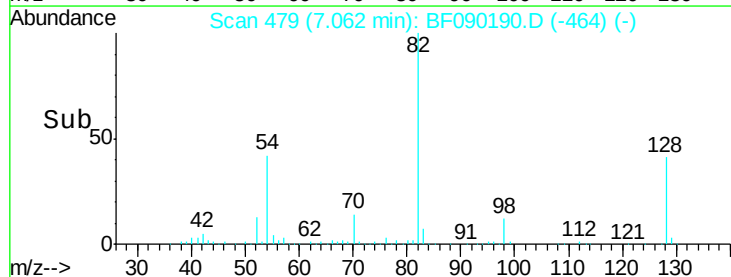
54 42.5 31.9 47.9

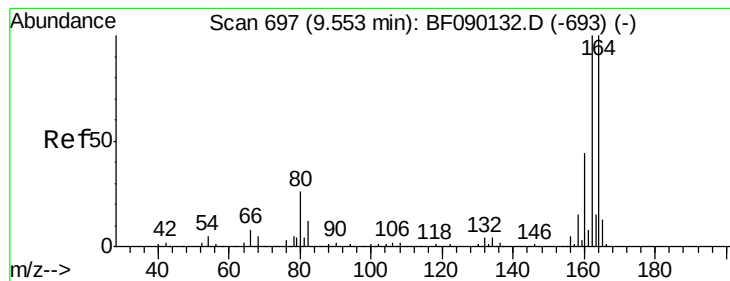


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

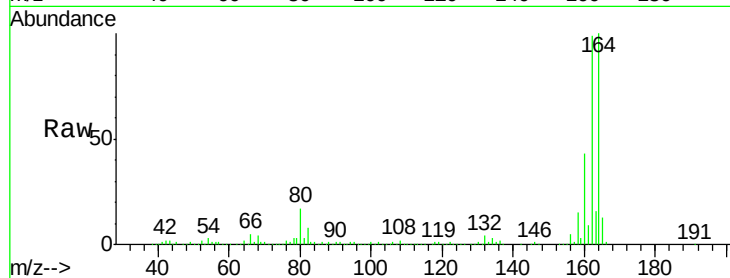
Tgt Ion:164 Resp: 273341

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.2

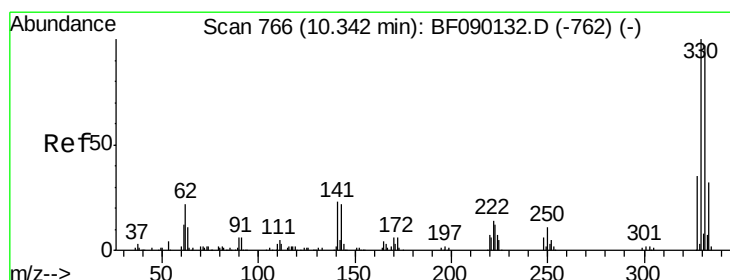
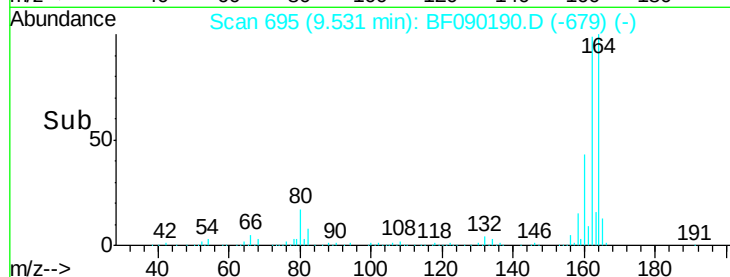
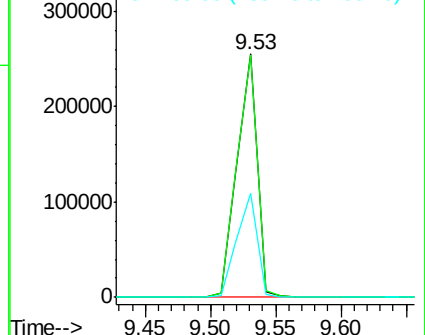
160 42.8 36.6 54.8



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



#41

2,4,6-Tribromophenol

Concen: 21.81 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

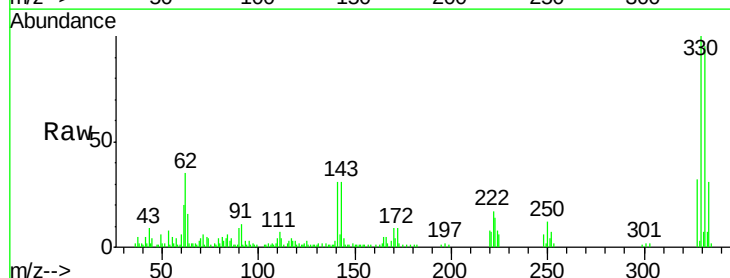
Tgt Ion:330 Resp: 51148

Ion Ratio Lower Upper

330 100

332 94.2 78.1 117.1

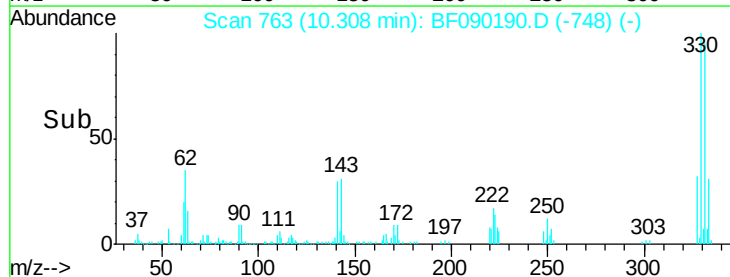
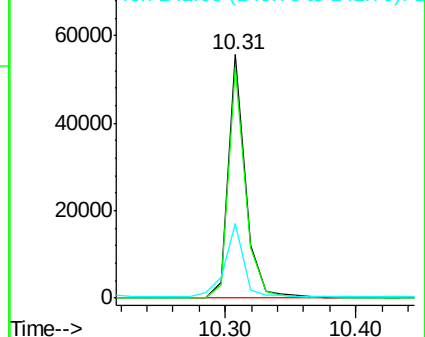
141 32.8 23.9 35.9

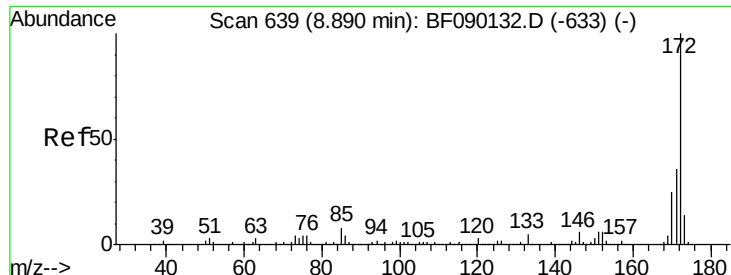


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

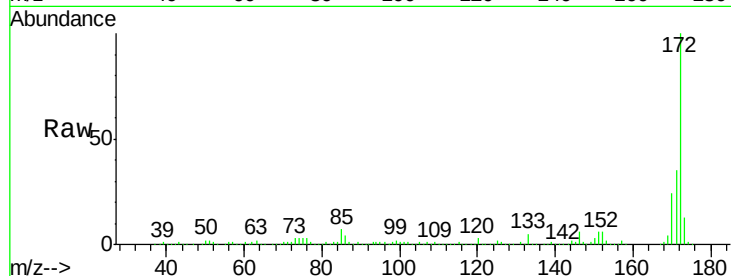




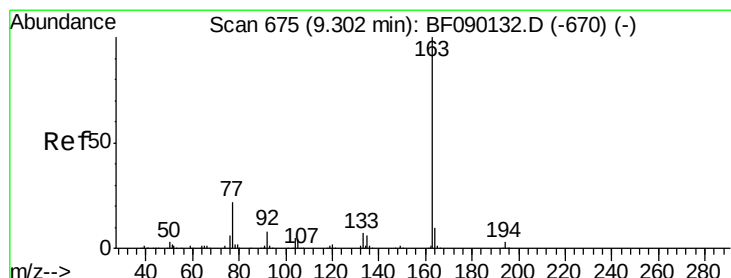
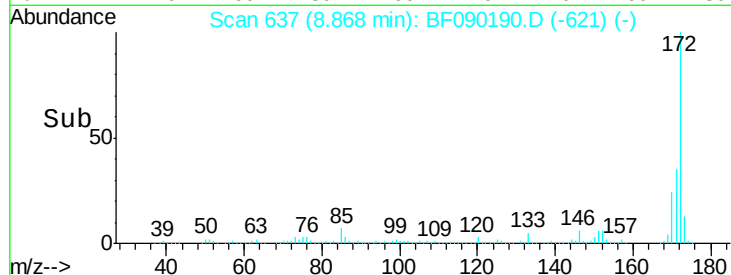
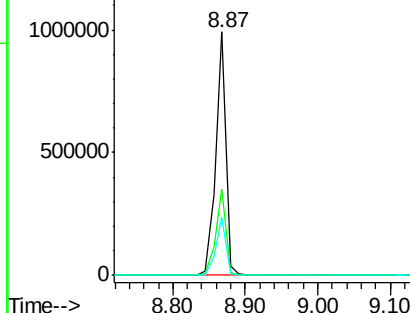
#44
 2-Fluorobiphenyl
 Concen: 69.10 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Instrument :
 BNA_F
 ClientSampled :
 MW-5RE

Tgt Ion:172 Resp: 962071
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 24.0 19.8 29.8

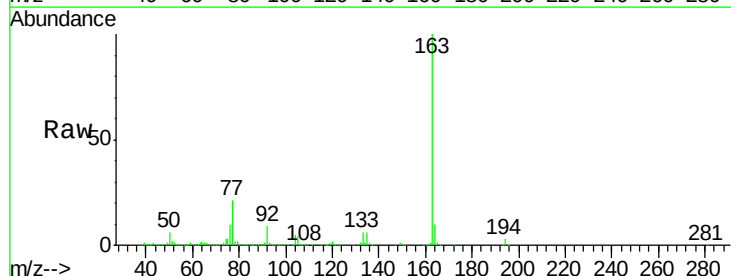


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

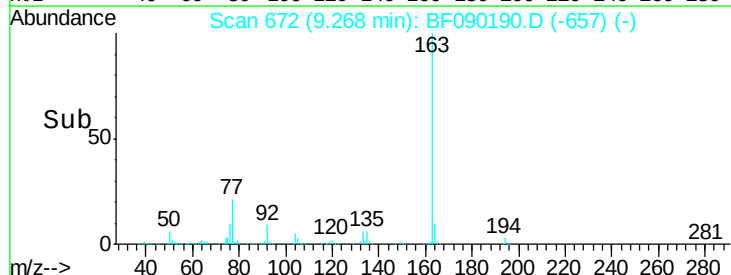
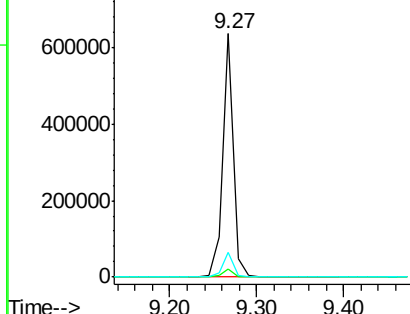


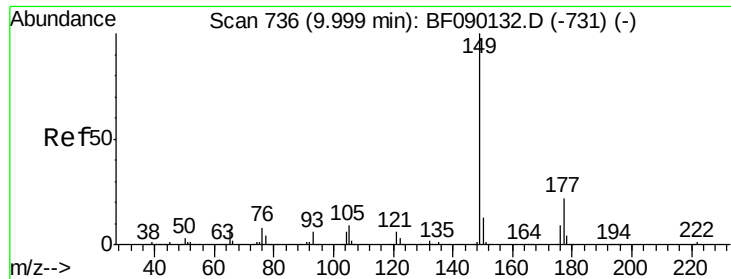
#49
 Dimethylphthalate
 Concen: 31.83 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Tgt Ion:163 Resp: 554182
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

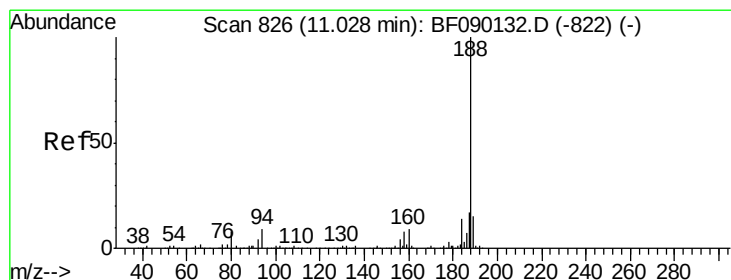
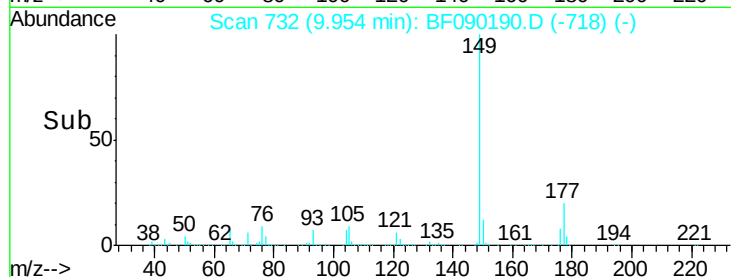
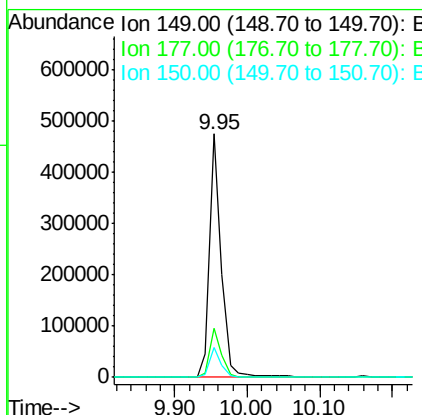
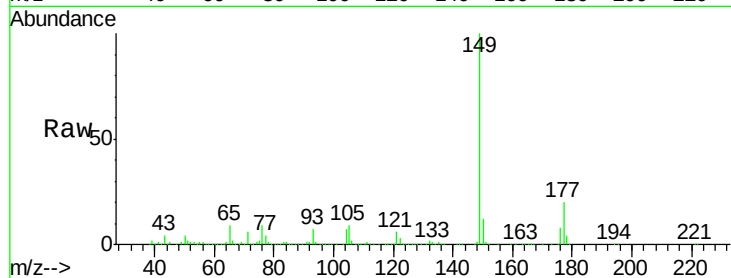




#59
Diethylphthalate
Concen: 31.96 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF090190.D
Acq: 22 Sep 2016 16:44

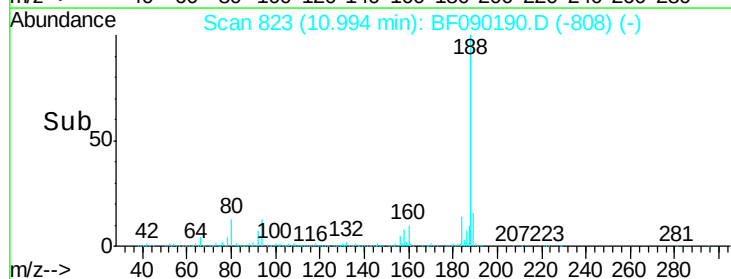
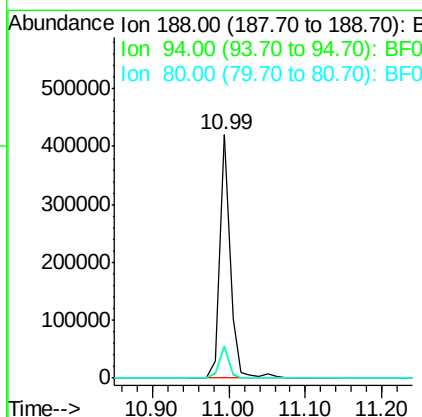
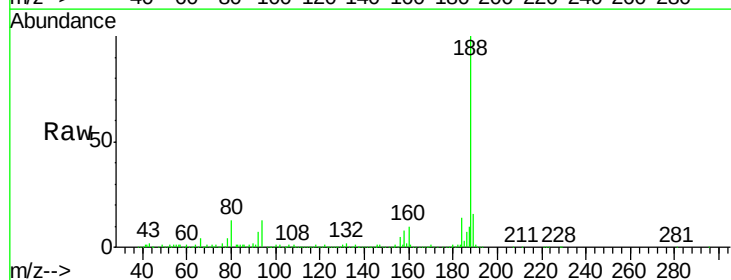
Instrument :
BNA_F
ClientSampleId :
MW-5RE

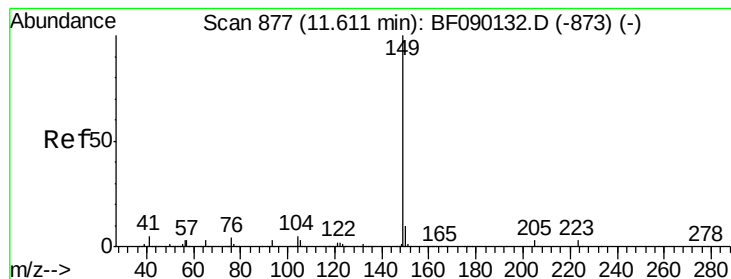
Tgt Ion:149 Resp: 537355
Ion Ratio Lower Upper
149 100
177 20.1 15.8 23.6
150 12.4 10.4 15.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF090190.D
Acq: 22 Sep 2016 16:44

Tgt Ion:188 Resp: 401806
Ion Ratio Lower Upper
188 100
94 12.8 10.5 15.7
80 13.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 3.42 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

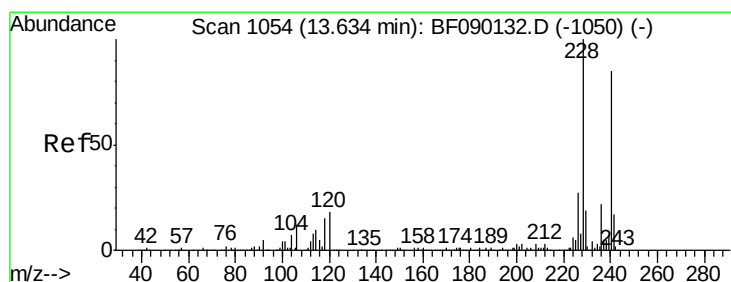
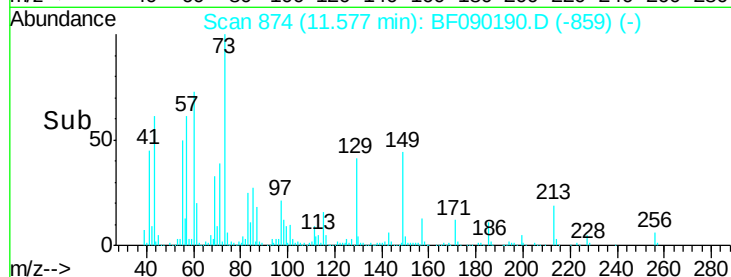
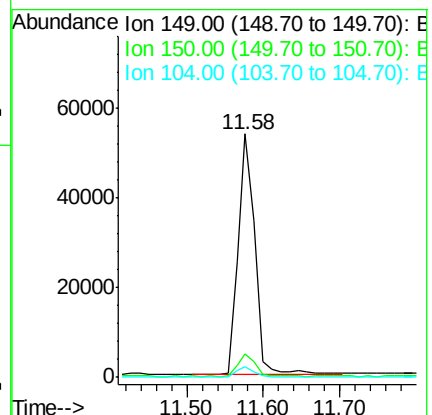
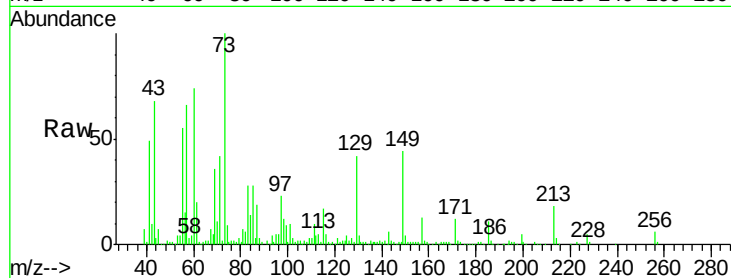
Tgt Ion:149 Resp: 82954

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 4.6 3.9 5.9



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

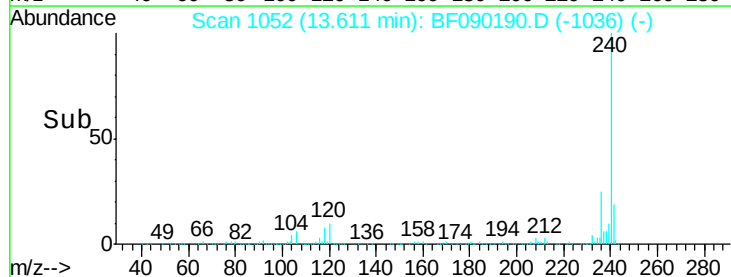
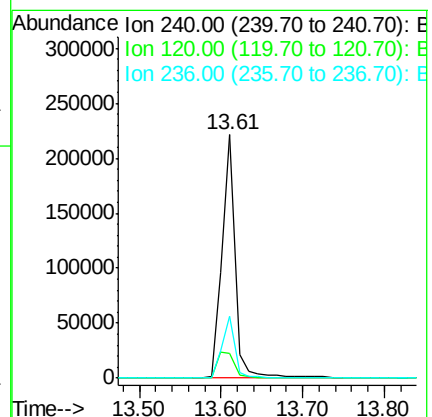
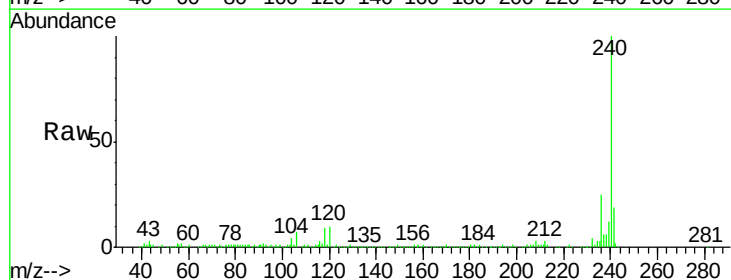
Tgt Ion:240 Resp: 249555

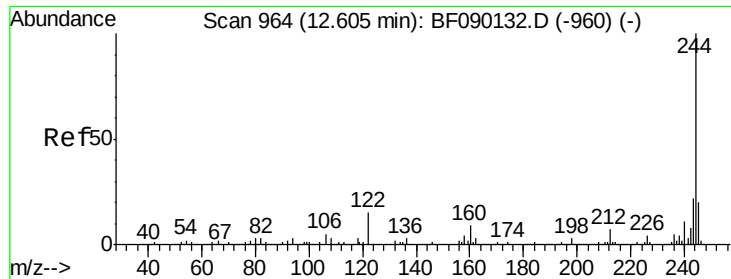
Ion Ratio Lower Upper

240 100

120 10.1 10.6 16.0#

236 25.3 21.6 32.4

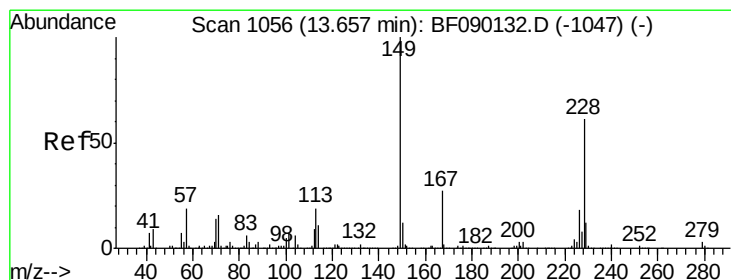
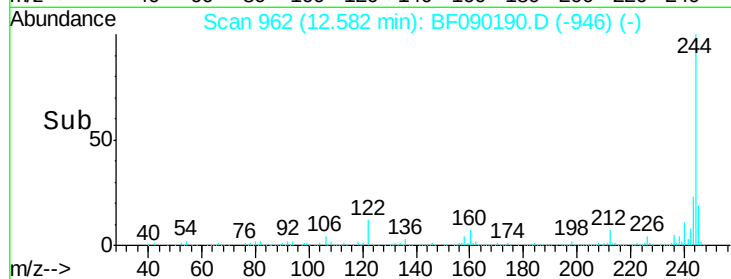
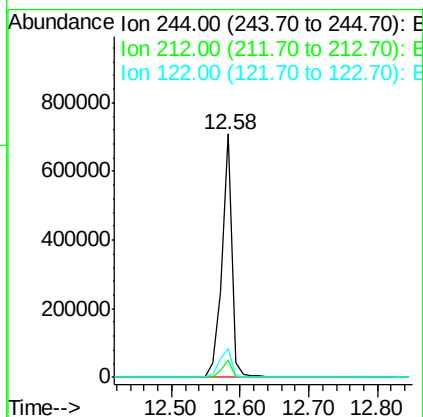
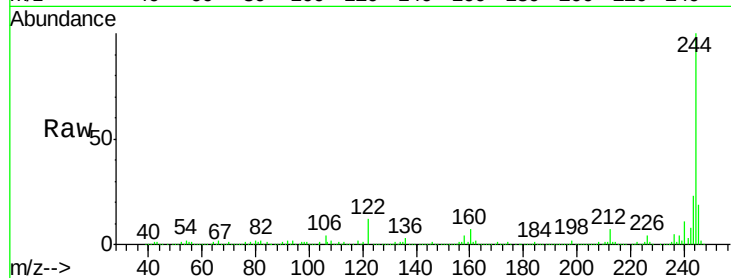




#78
 Terphenyl-d14
 Concen: 75.37 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.02 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

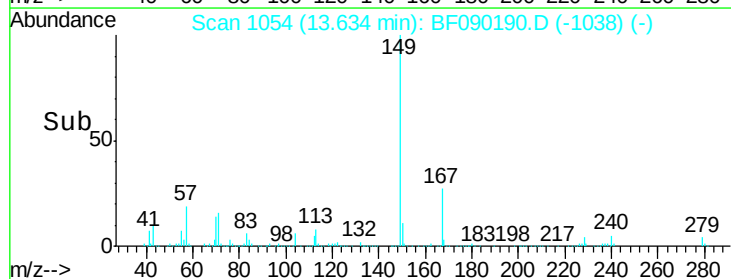
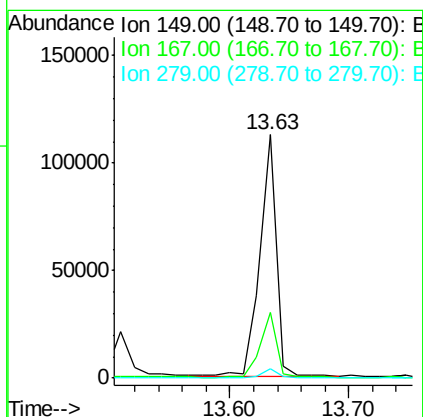
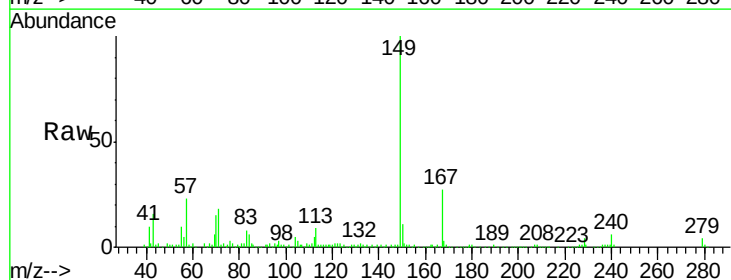
Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

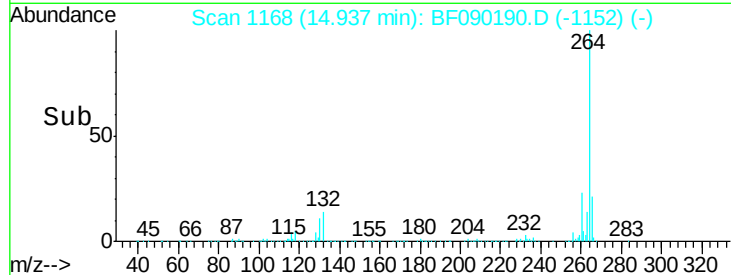
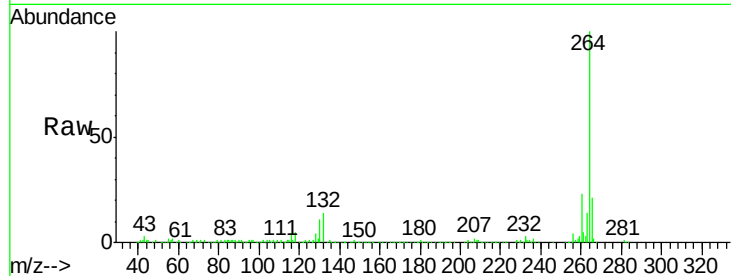
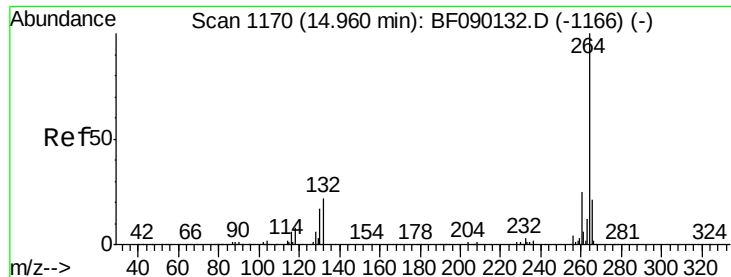
Tgt Ion: 244 Resp: 740884
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.8 9.4 14.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.20 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Tgt Ion: 149 Resp: 109022
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.2 31.8
 279 3.7 2.2 3.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF090190.D
Acq: 22 Sep 2016 16:44

Instrument :
BNA_F
ClientSampleId :
MW-5RE

Tgt Ion:	264	Resp:	248757
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	21.1	17.0	25.4

