

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 01:02:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 01:02:29 2016
 Response via : Initial Calibration

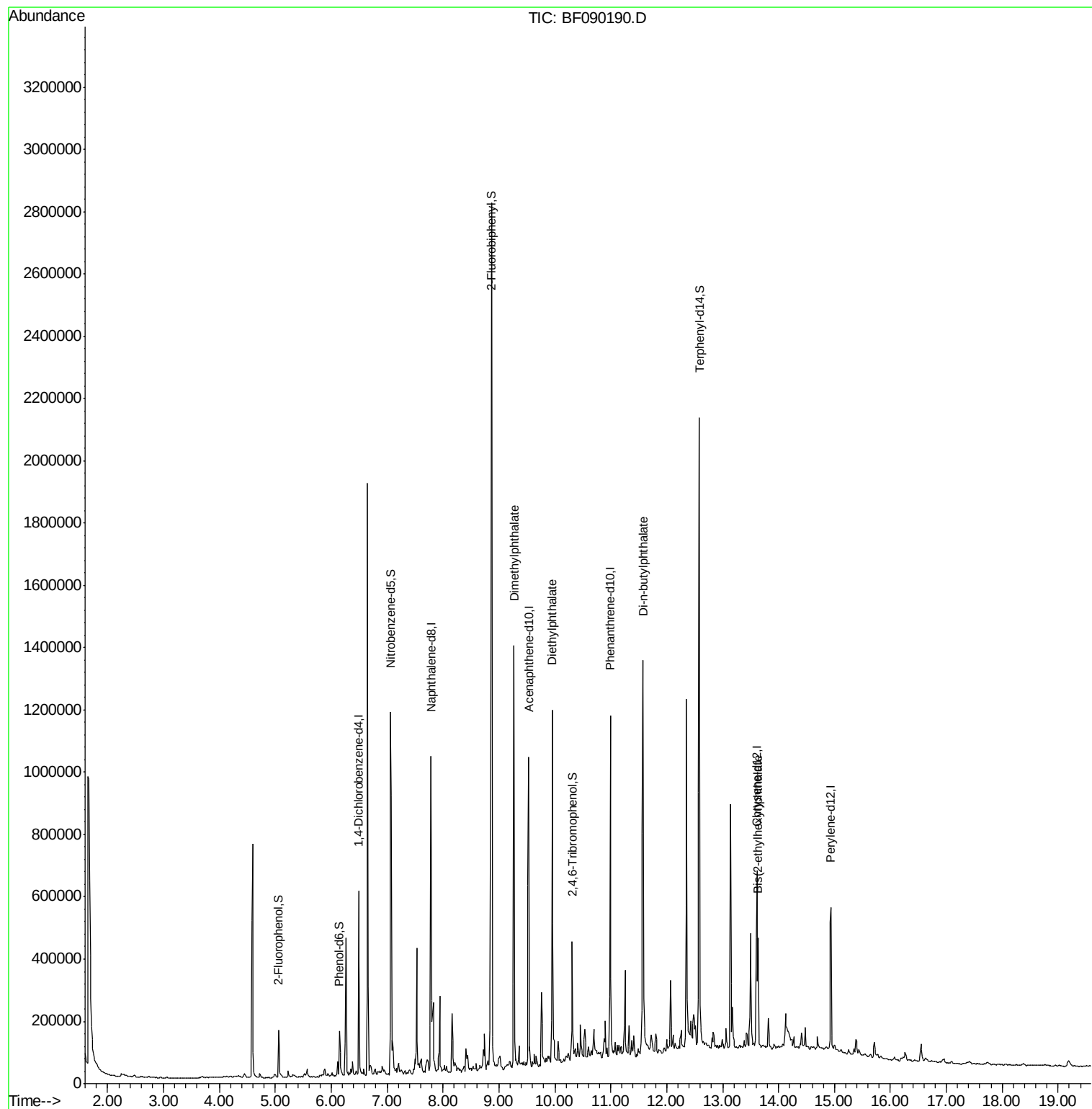
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	125814	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	509566	20.00	ng	-0.01
38) Acenaphthene-d10	9.53	164	273341	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	401806	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	249555	20.00	ng	0.00
86) Perylene-d12	14.94	264	249598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	62535	8.10	ng	0.01
7) Phenol-d6	6.15	99	76073	7.98	ng	-0.01
23) Nitrobenzene-d5	7.06	82	507889	57.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	51148	21.81	ng	-0.01
44) 2-Fluorobiphenyl	8.87	172	961546	69.06	ng	0.00
78) Terphenyl-d14	12.58	244	740154	75.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.27	163	554182	31.83	ng	99
59) Diethylphthalate	9.95	149	538336	32.02	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

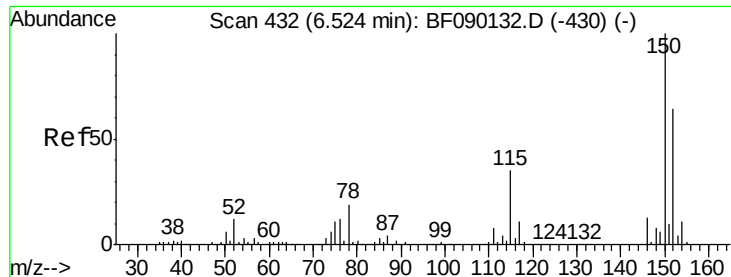
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

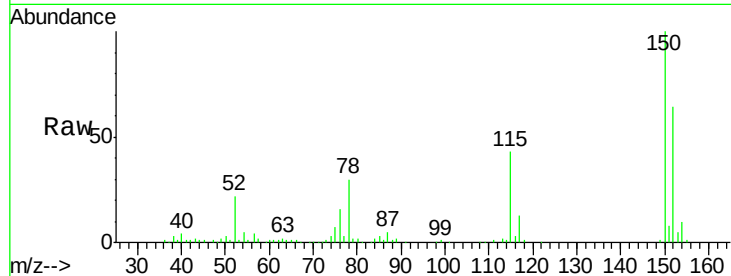
Tgt Ion:152 Resp: 125814

Ion Ratio Lower Upper

152 100

150 156.5 128.9 193.3

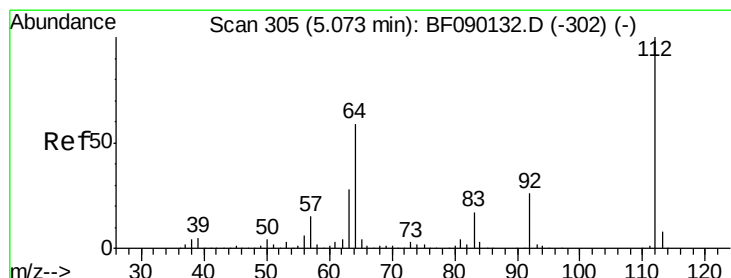
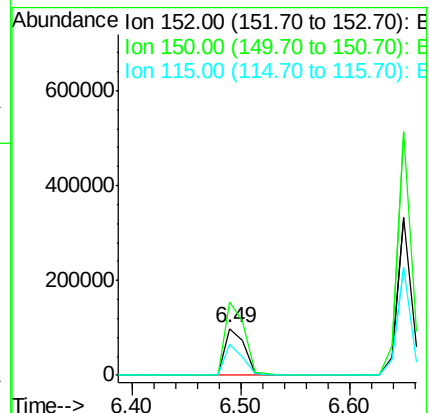
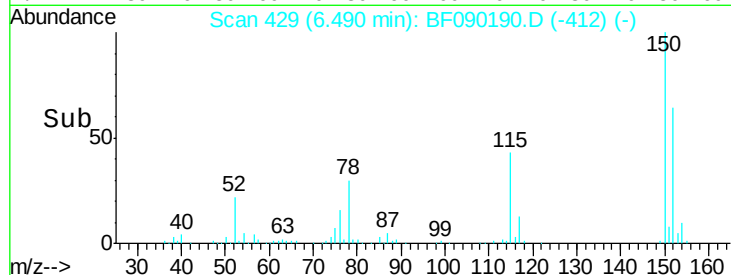
115 67.1 55.5 83.3



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

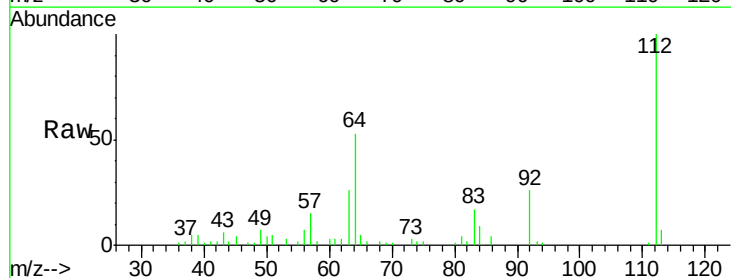
Tgt Ion:112 Resp: 62535

Ion Ratio Lower Upper

112 100

64 53.0 39.8 59.6

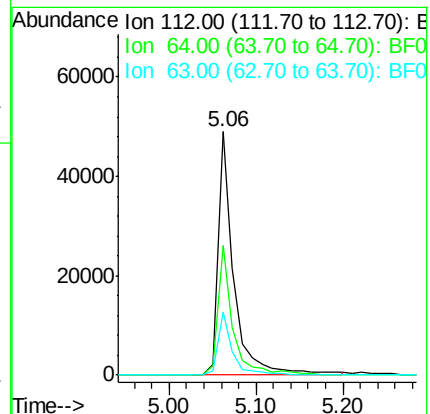
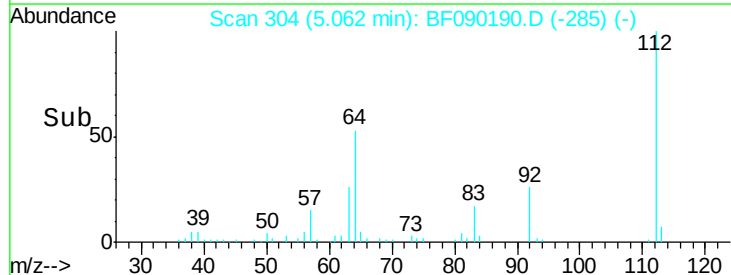
63 25.7 18.9 28.3

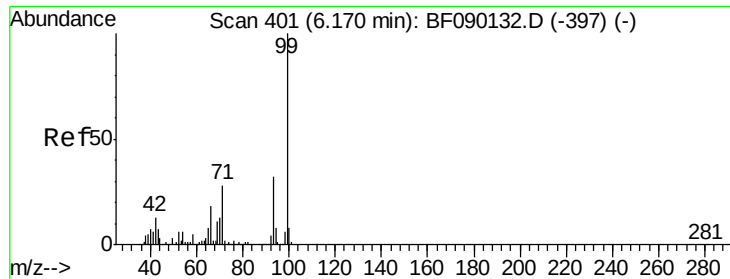


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.98 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

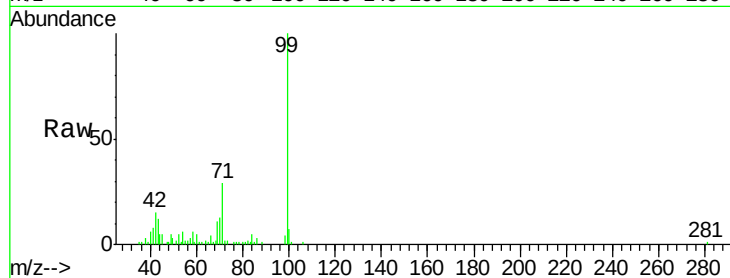
Tgt Ion: 99 Resp: 76073

Ion Ratio Lower Upper

99 100

42 14.6 10.6 15.8

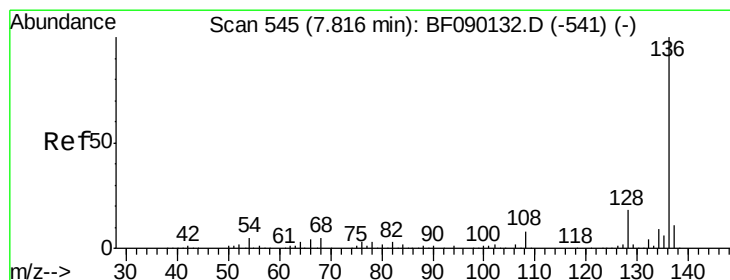
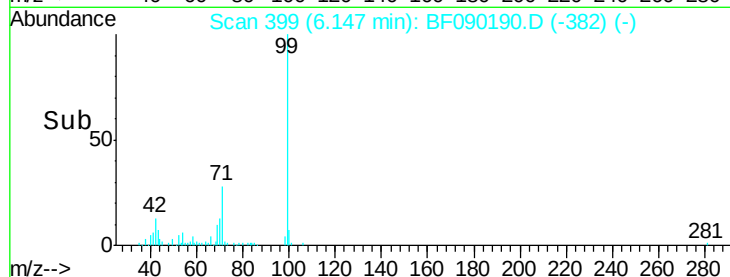
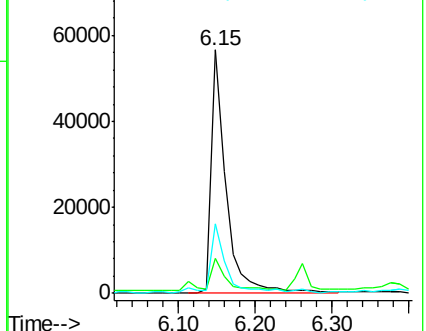
71 28.7 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Tgt Ion: 136 Resp: 509566

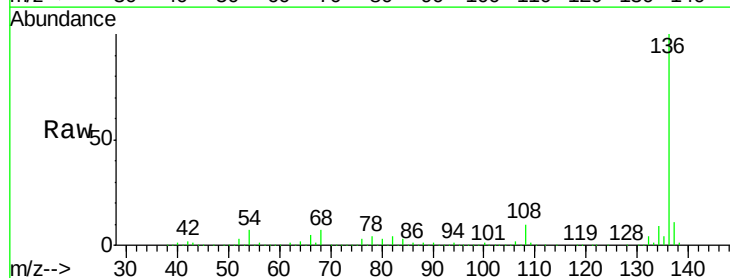
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 6.4 9.6

68 7.3 6.3 9.5

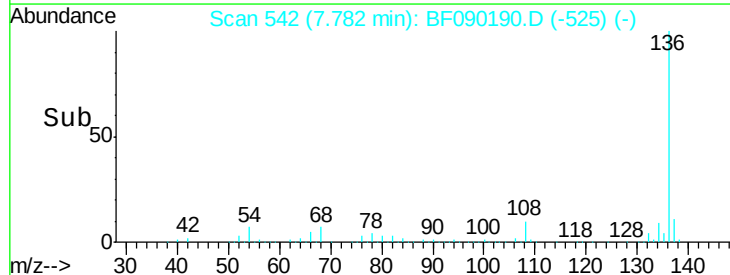
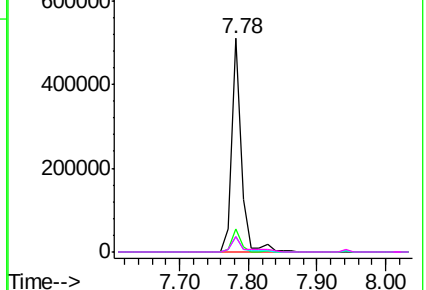


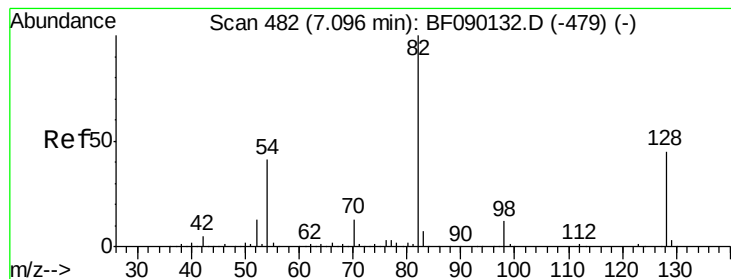
Abundance Ion 136.00 (135.70 to 136.70): E

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. -0.01 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

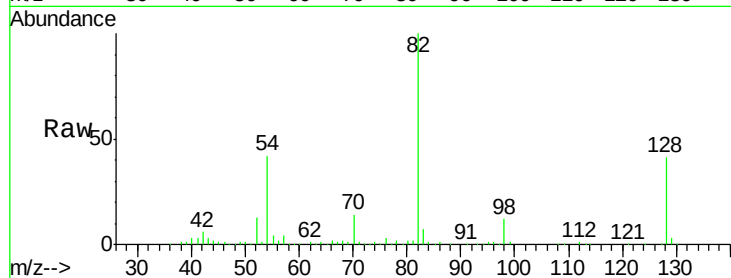
Tgt Ion: 82 Resp: 507889

Ion Ratio Lower Upper

82 100

128 41.2 37.5 56.3

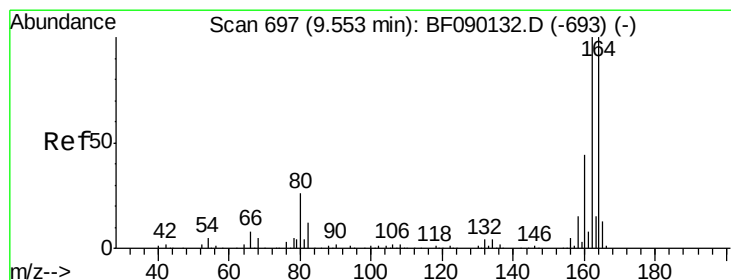
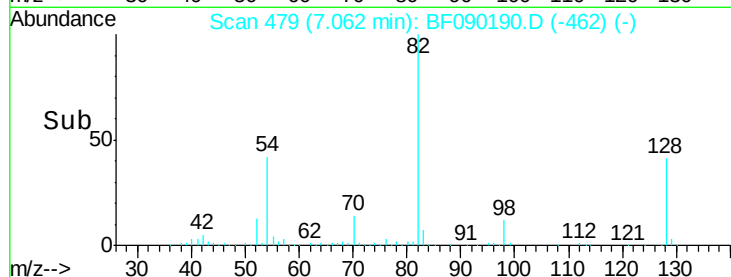
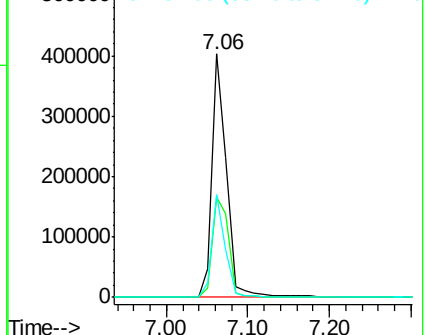
54 42.5 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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. 0.00 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

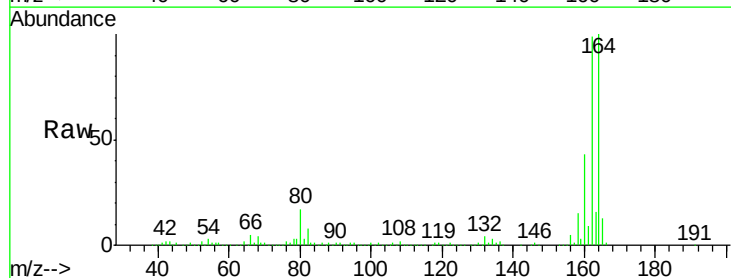
Tgt Ion: 164 Resp: 273341

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.2

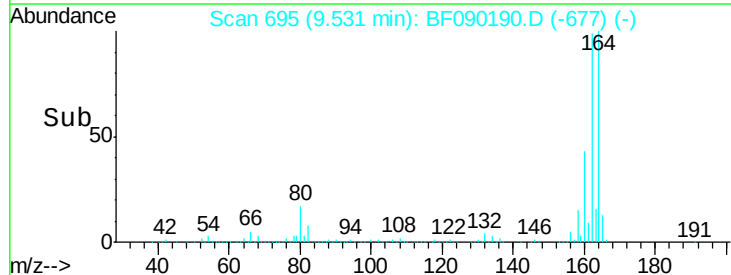
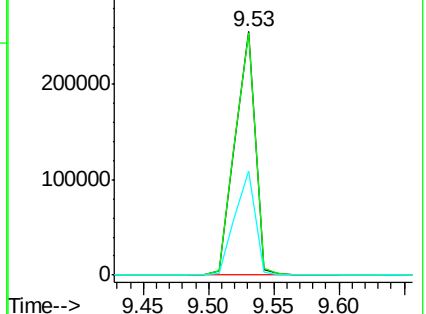
160 42.8 36.6 54.8

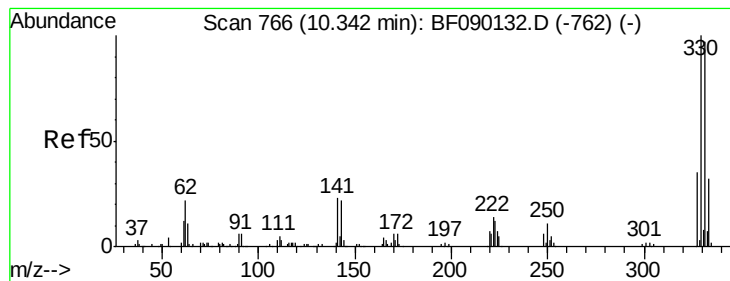


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

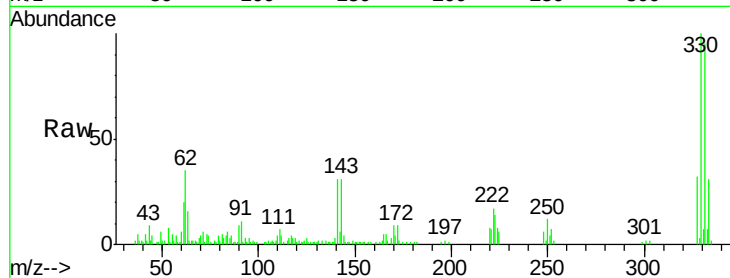




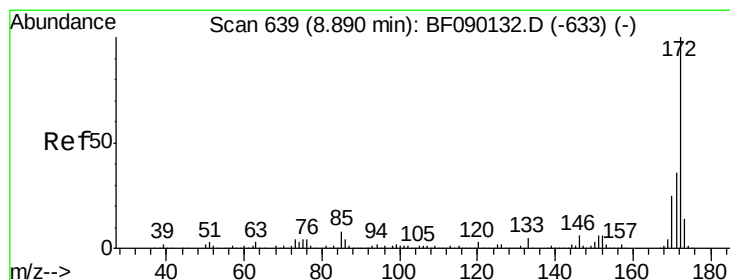
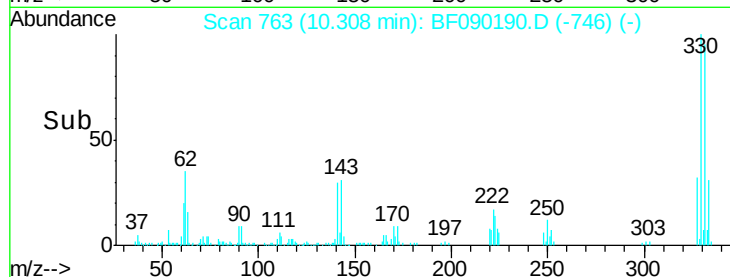
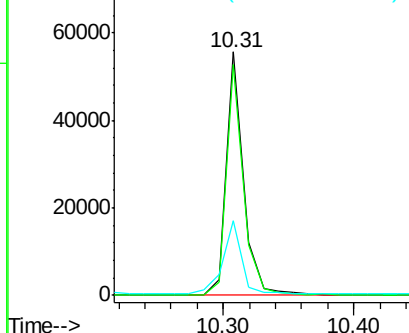
#41
 2,4,6-Tribromophenol
 Concen: 21.81 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

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

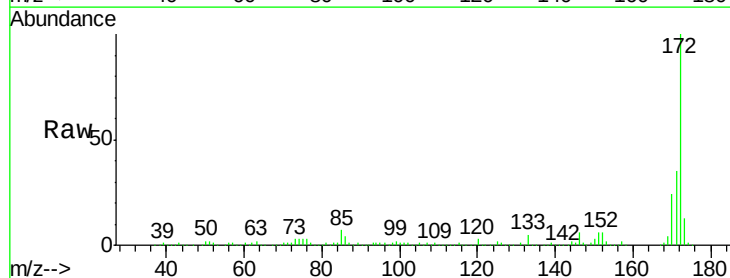


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

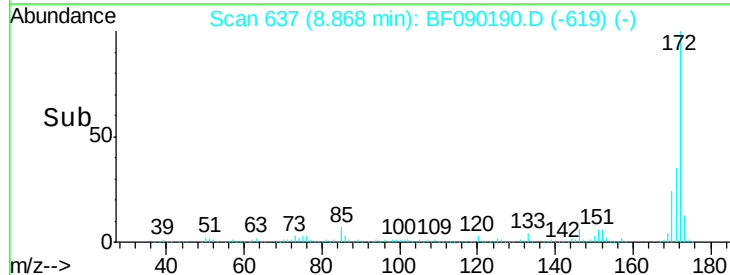
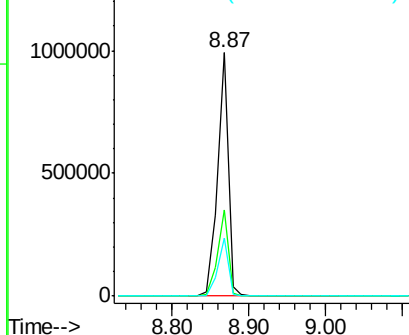


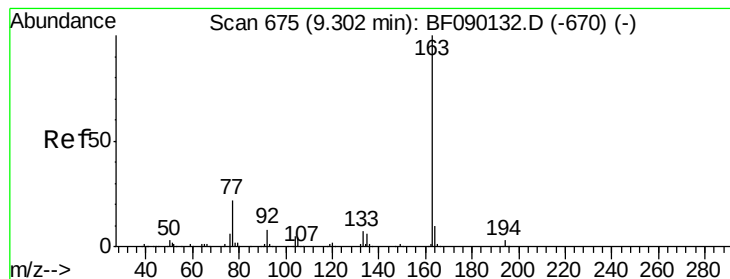
#44
 2-Fluorobiphenyl
 Concen: 69.06 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Tgt Ion:172 Resp: 961546
 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. -0.01 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

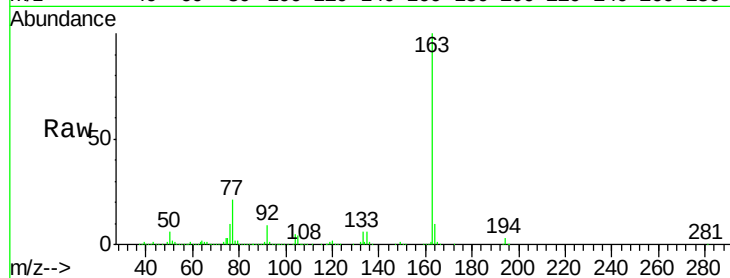
Tgt Ion:163 Resp: 554182

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

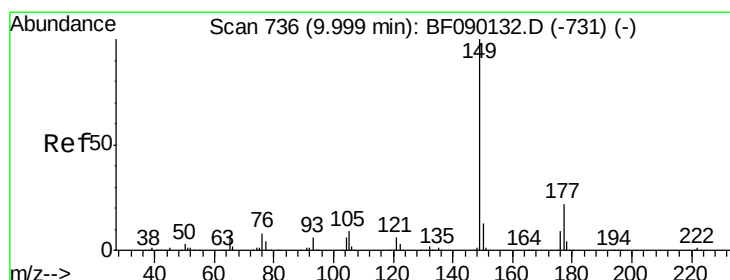
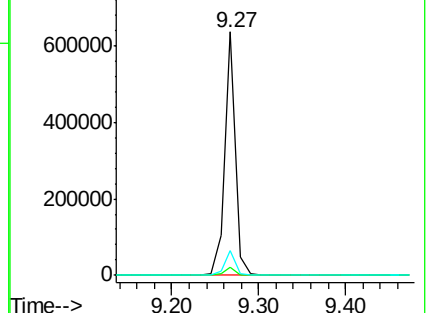
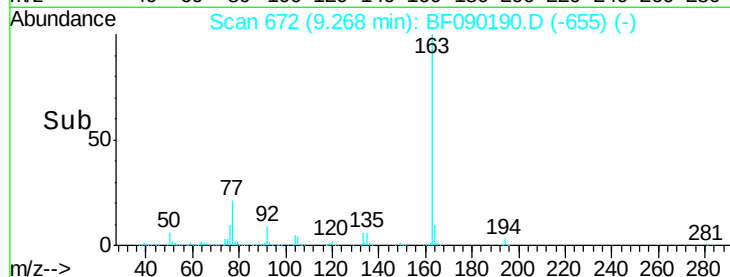
164 10.4 8.1 12.1



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: 32.02 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

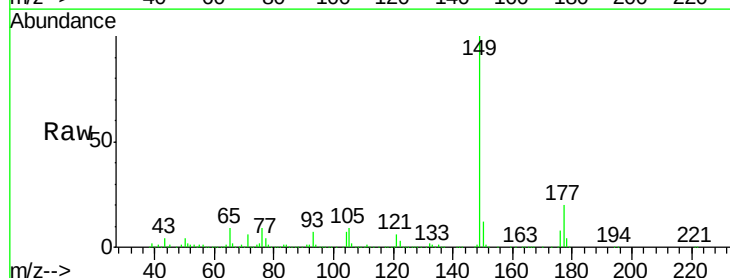
Tgt Ion:149 Resp: 538336

Ion Ratio Lower Upper

149 100

177 20.1 15.8 23.6

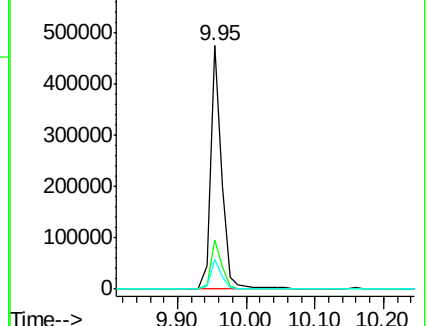
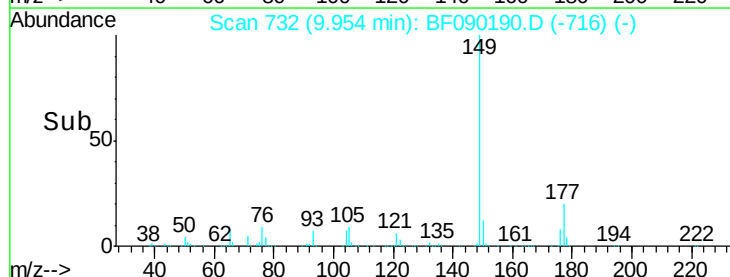
150 12.4 10.4 15.6

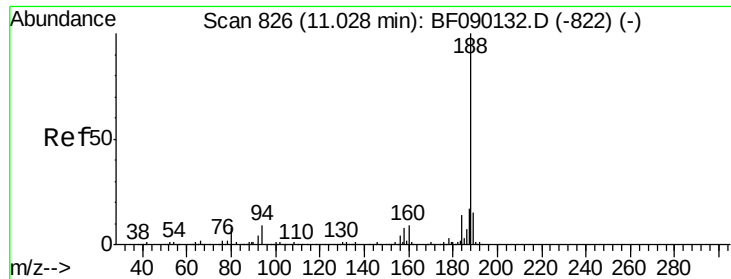


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

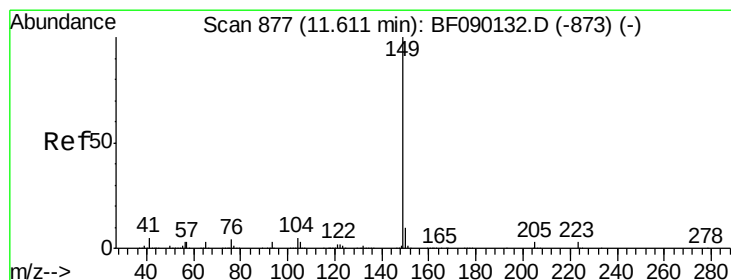
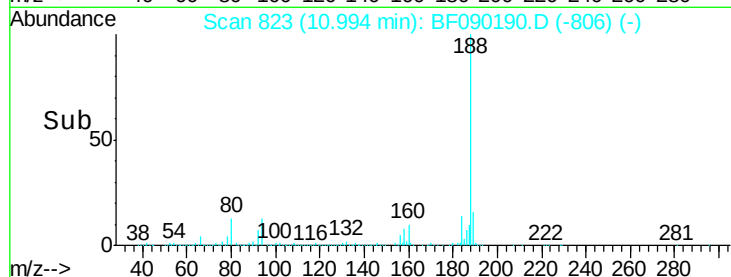
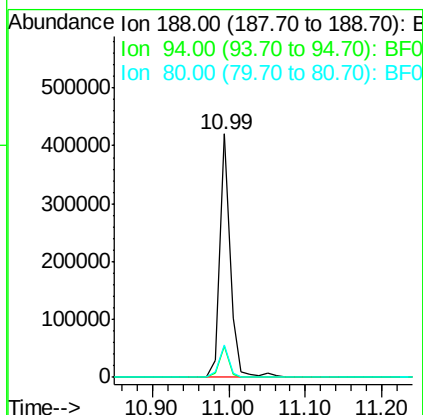
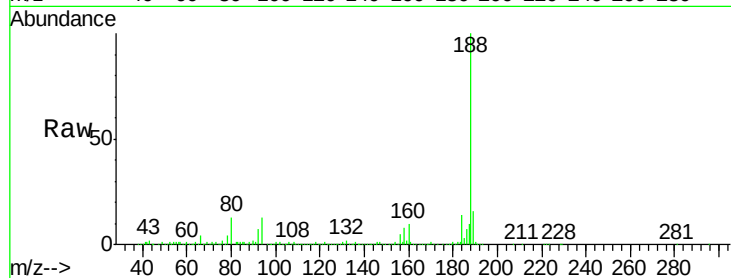




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

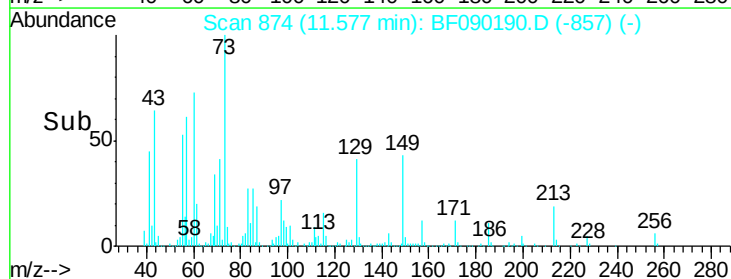
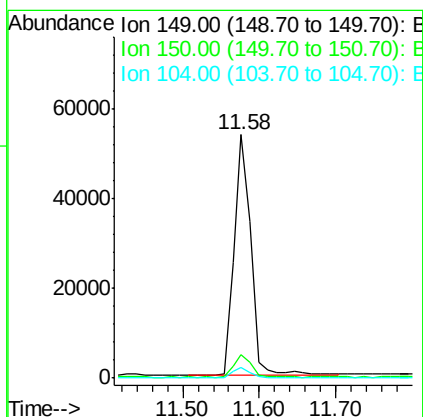
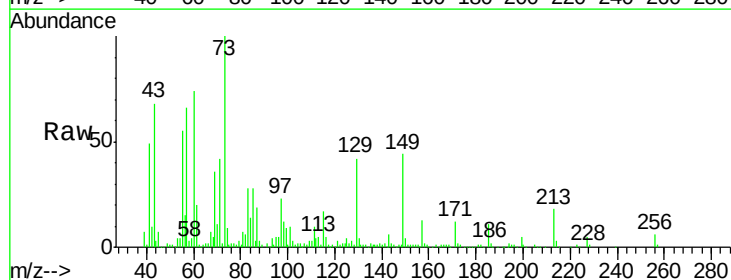
Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

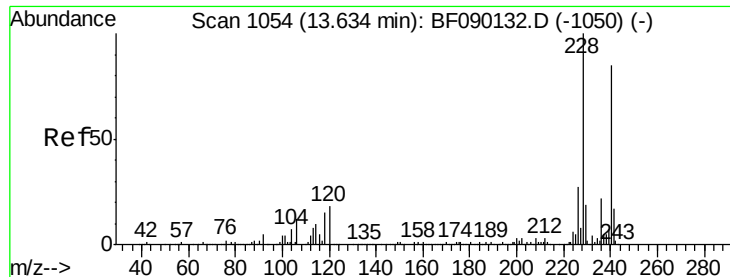
Tgt Ion:188 Resp: 401806
 Ion Ratio Lower Upper
 188 100
 94 12.8 10.5 15.7
 80 13.4 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 3.42 ng
 RT: 11.58 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

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. 0.00 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

Instrument :

BNA_F

ClientSampleId :

MW-5RE

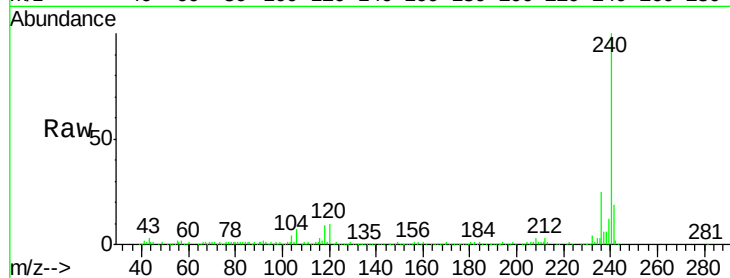
Tgt Ion:240 Resp: 249555

Ion Ratio Lower Upper

240 100

120 10.1 10.6 16.0#

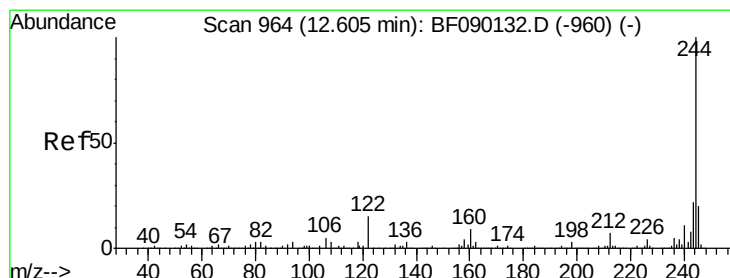
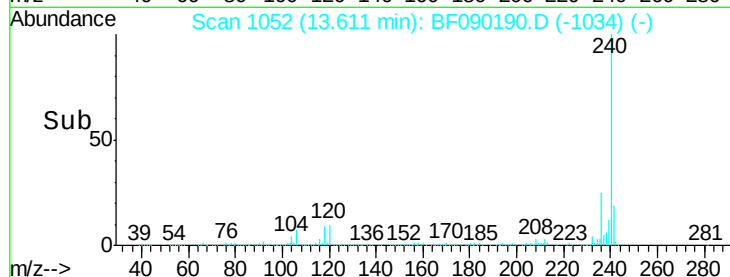
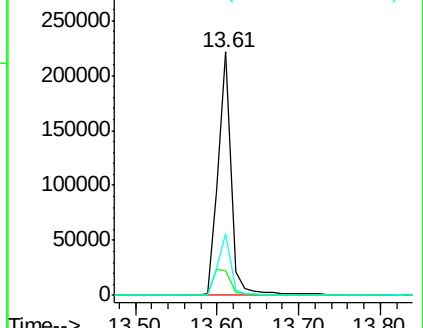
236 25.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 75.30 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF090190.D

Acq: 22 Sep 2016 16:44

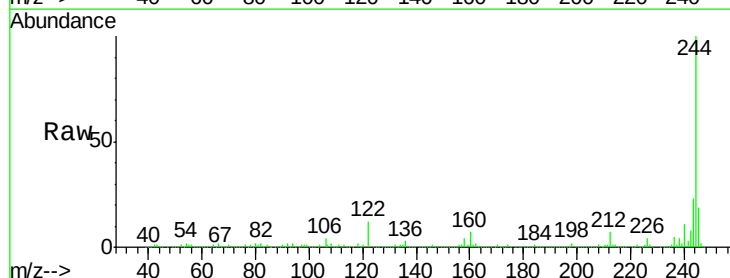
Tgt Ion:244 Resp: 740154

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

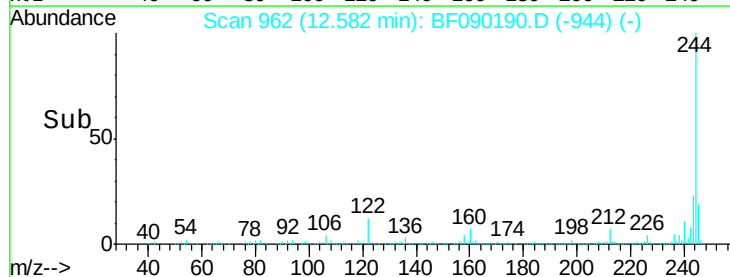
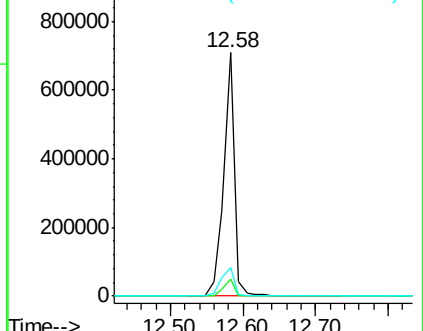
122 11.8 9.4 14.0

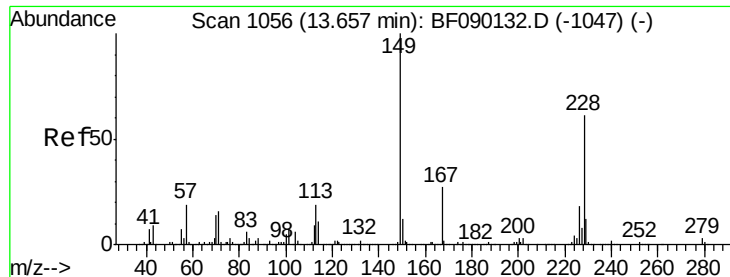


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

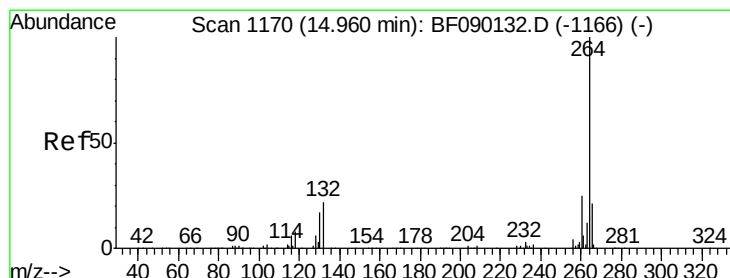
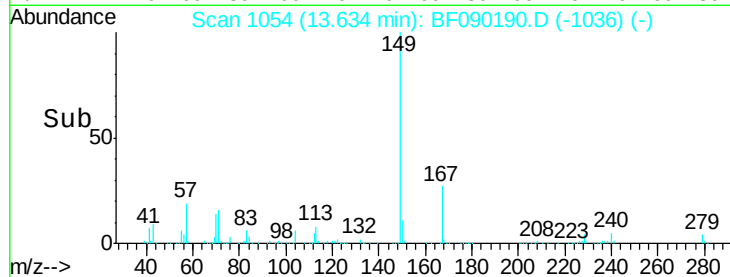
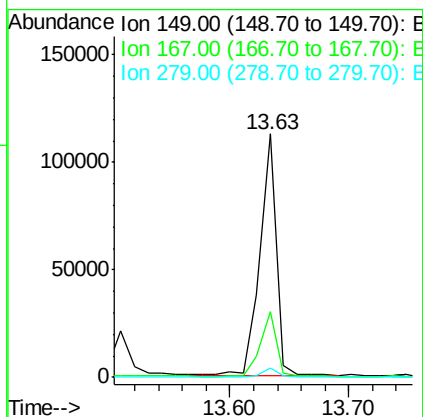
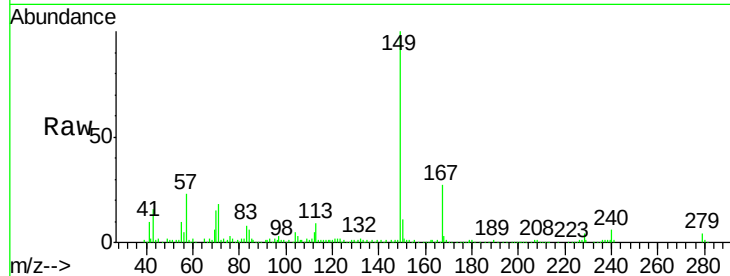




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.20 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

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. 0.00 min
 Lab File: BF090190.D
 Acq: 22 Sep 2016 16:44

Tgt Ion:264 Resp: 249598
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.1 17.0 25.4

