

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010917\
 Data File : BF092136.D
 Acq On : 9 Jan 2017 14:11
 Operator : UM/SJ
 Sample : H6244-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jan 09 14:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

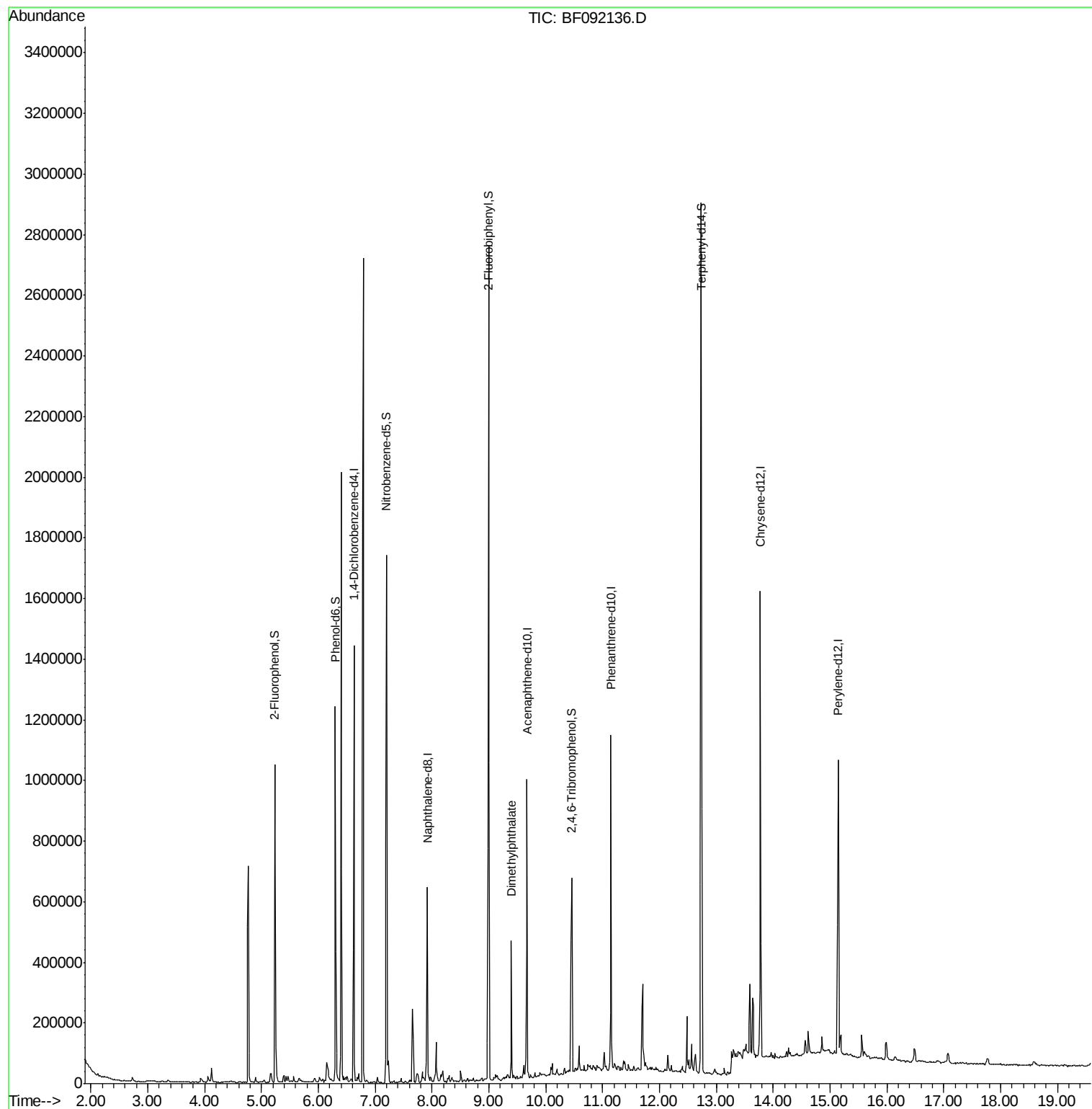
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	226901	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	424256	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	239068	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	371963	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	538609	20.00	ng	-0.01
86) Perylene-d12	15.15	264	408488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	410295	30.19	ng	0.00
7) Phenol-d6	6.30	99	436577	26.31	ng	-0.01
23) Nitrobenzene-d5	7.20	82	648687	85.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	94889	47.96	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1069343	92.84	ng	-0.01
78) Terphenyl-d14	12.73	244	991963	44.67	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.40	163	161721	10.58	ng	Qvalue # 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

MW-5

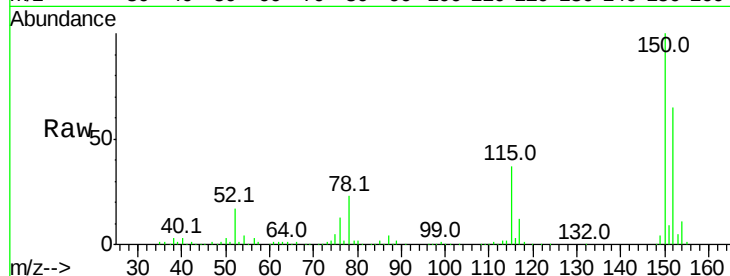
Tot Ion:152 Resp: 226901

Ion Ratio Lower Upper

152 100

150 154.1 124.9 187.3

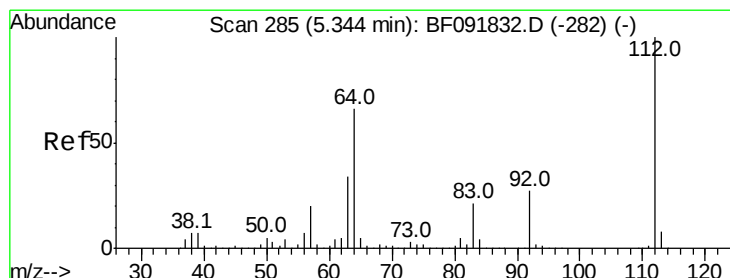
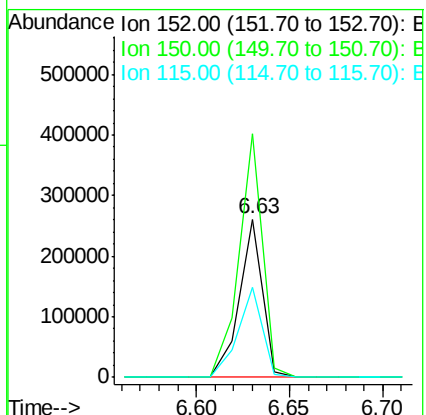
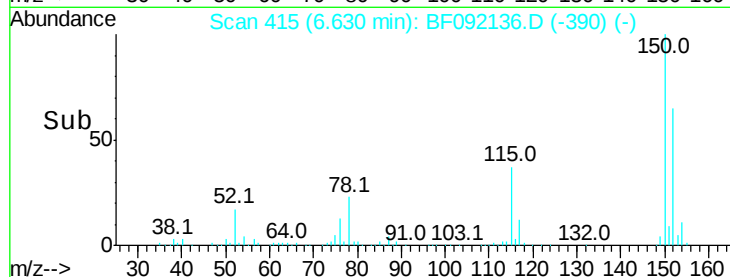
115 56.9 46.0 69.0



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: 30.19 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

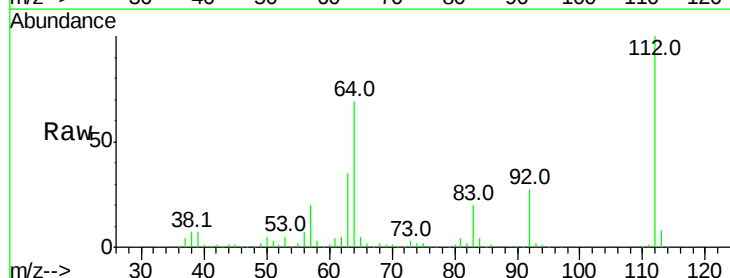
Tgt Ion:112 Resp: 410295

Ion Ratio Lower Upper

112 100

64 69.5 46.1 69.1#

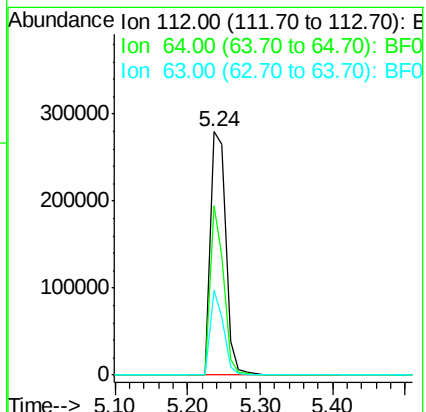
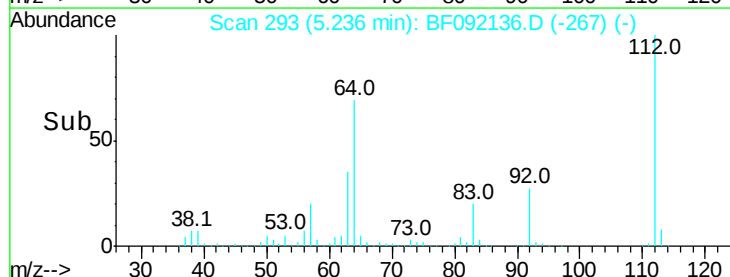
63 35.1 23.8 35.6



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: 26.31 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

MW-5

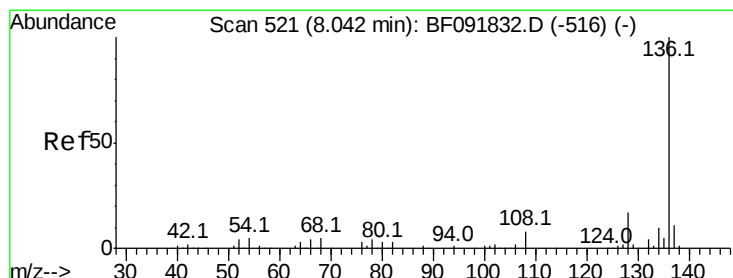
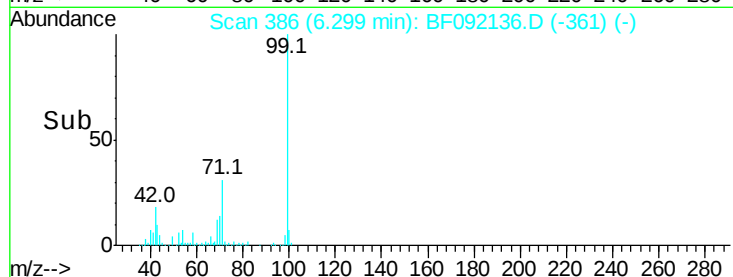
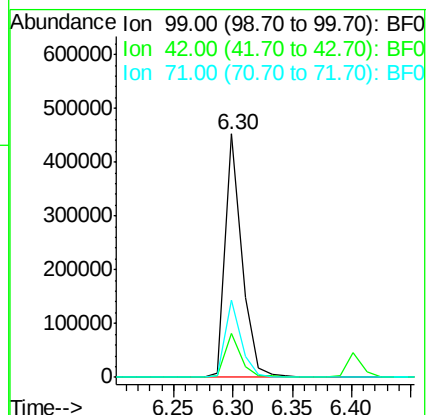
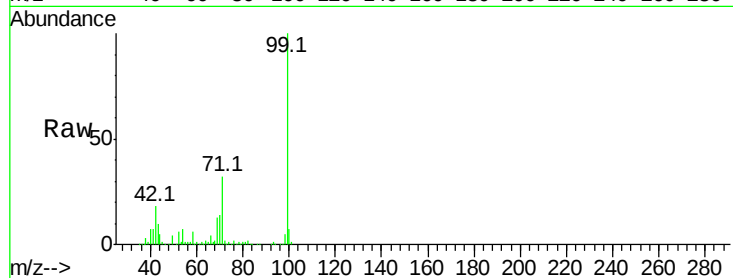
Tot Ion: 99 Resp: 436577

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 31.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Tgt Ion: 136 Resp: 424256

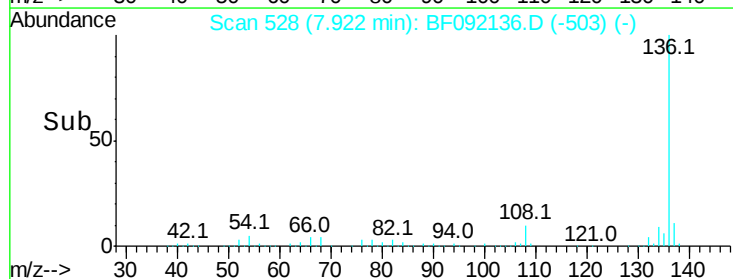
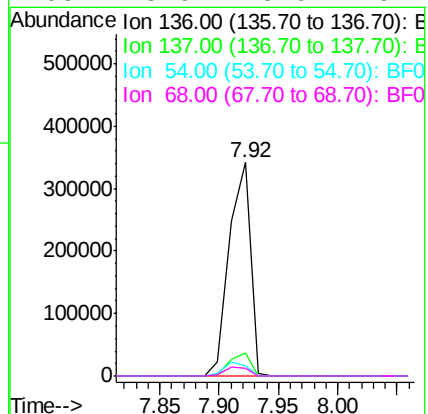
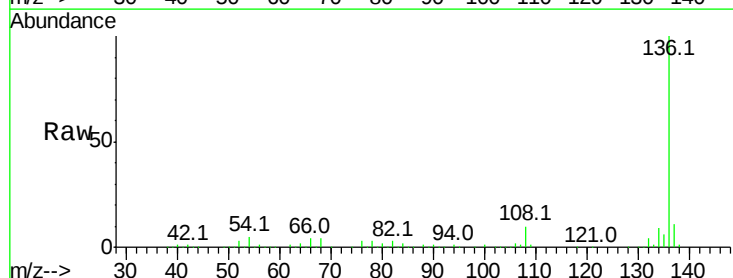
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.0 4.5 6.7

68 3.6 3.6 5.4

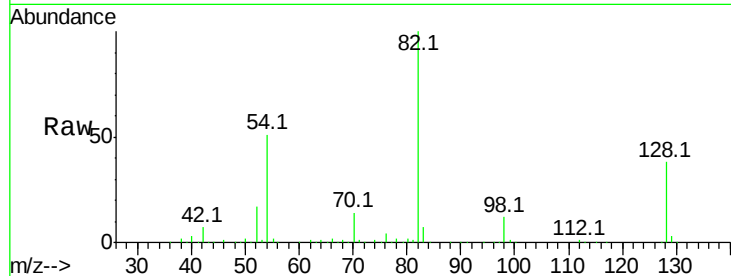




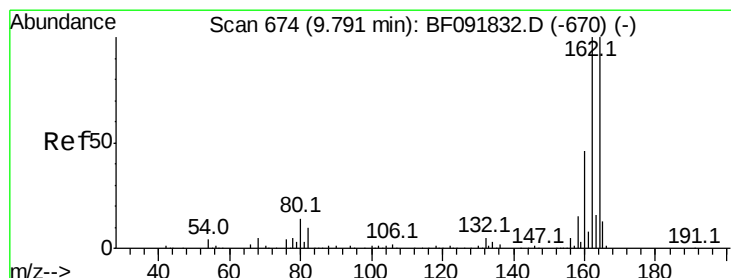
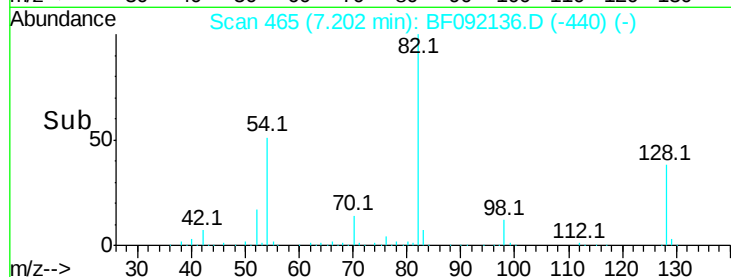
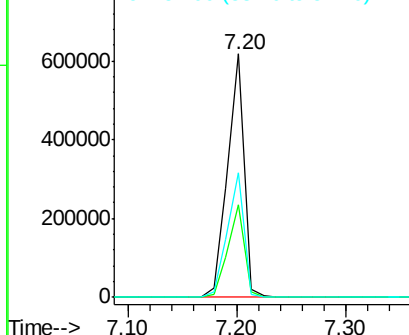
#23
 Nitrobenzene-d5
 Concen: 85.02 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion	82	Resp	648687
Ion Ratio	Lower	Upper	
82	100		
128	38.0	34.6	52.0
54	51.3	39.5	59.3

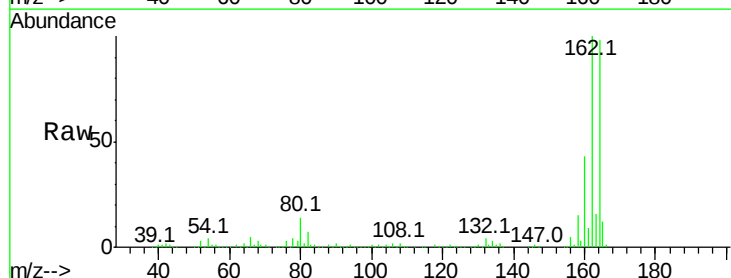


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

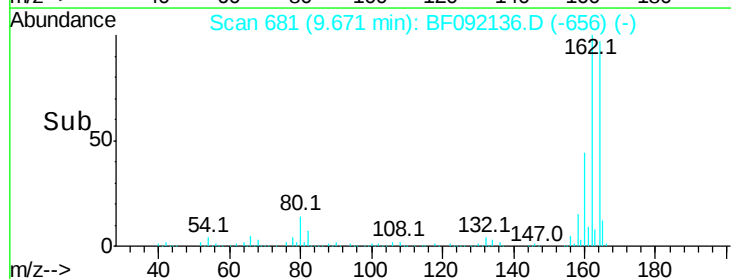
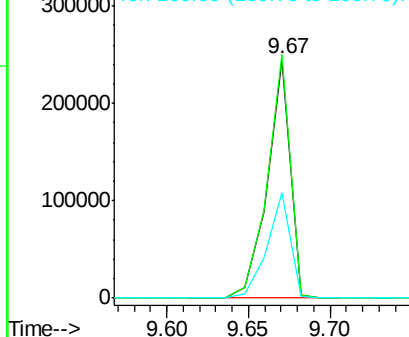


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Tgt Ion	164	Resp	239068
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.2	120.2
160	44.3	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

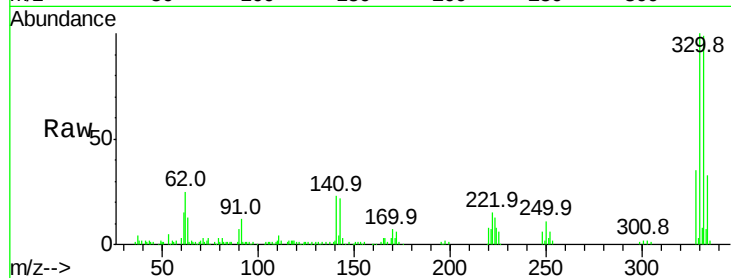




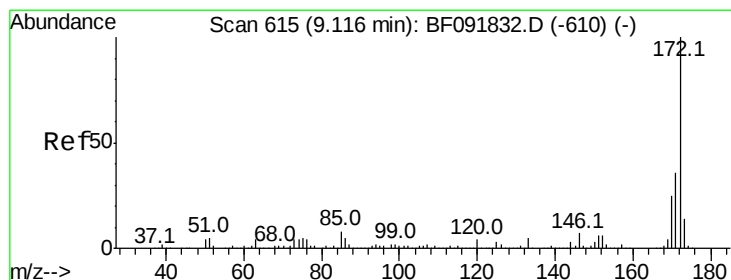
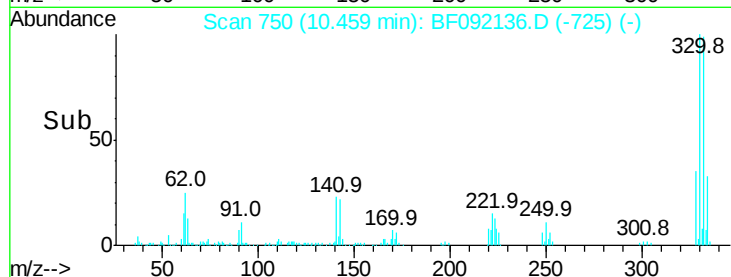
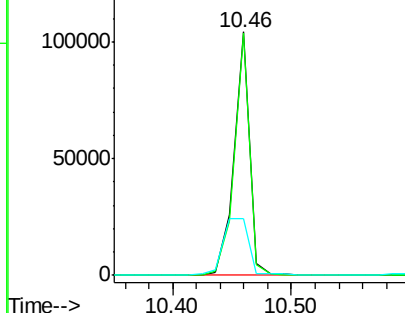
#41
 2,4,6-Tribromophenol
 Concen: 47.96 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampled :
 MW-5

Tot Ion:330 Resp: 94889
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 38.3 34.1 51.1

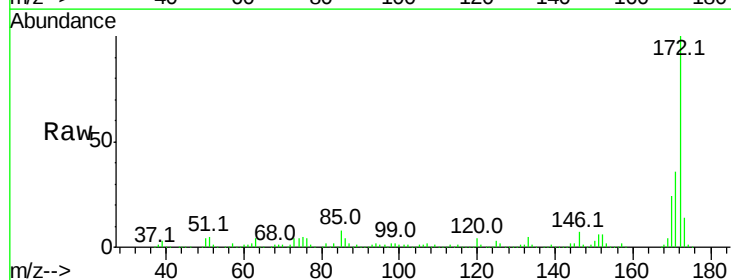


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

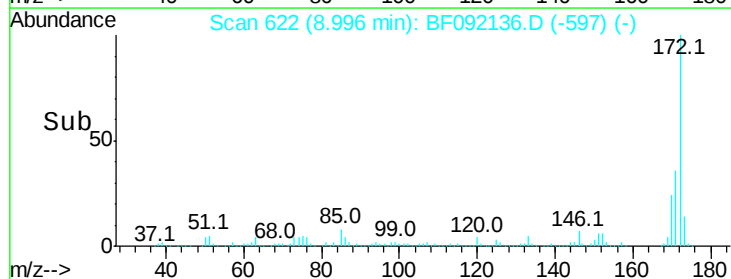
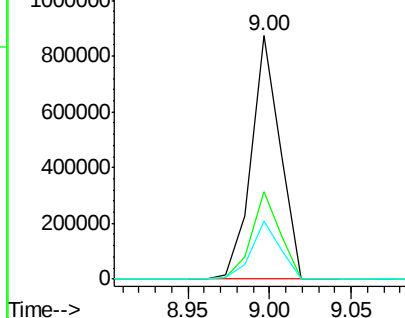


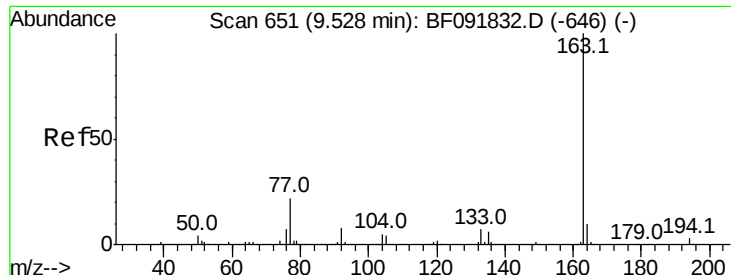
#44
 2-Fluorobiphenyl
 Concen: 92.84 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Tgt Ion:172 Resp: 1069343
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.8 20.2 30.4



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

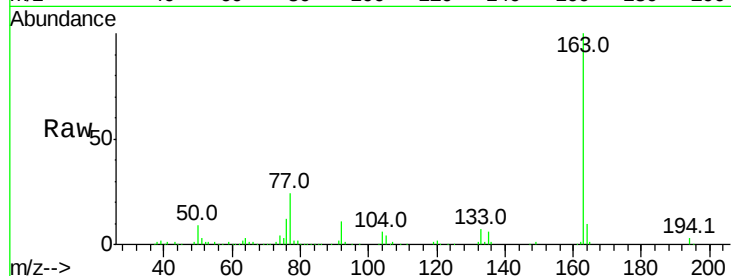




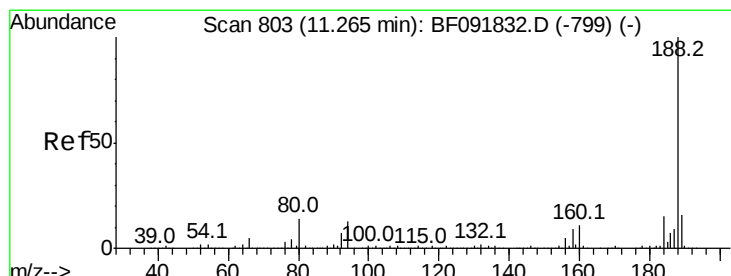
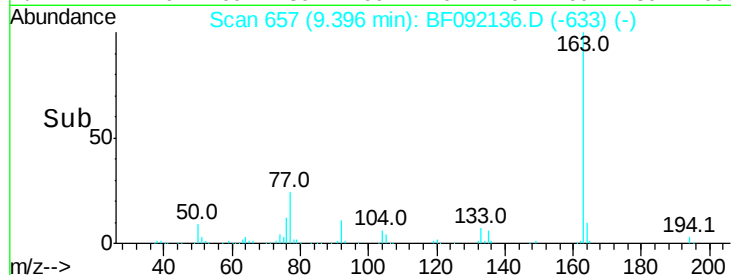
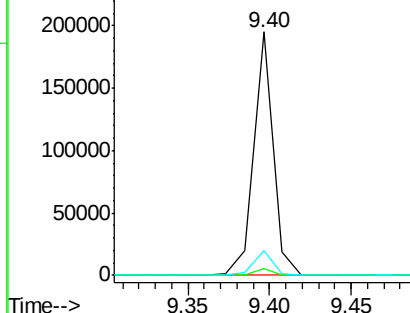
#49
Dimethylphthalate
Concen: 10.58 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092136.D
Acq: 9 Jan 2017 14:11

Instrument :
BNA_F
ClientSampled :
MW-5

Tot Ion:163 Resp: 161721
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.3 8.0 12.0

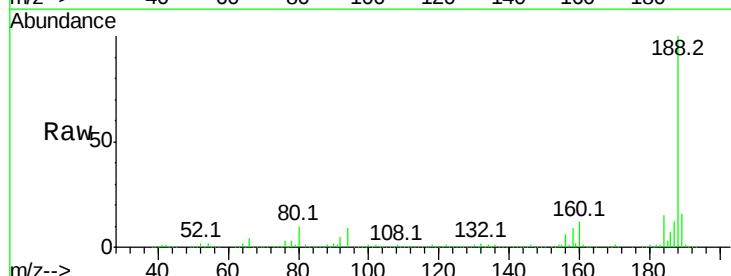


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

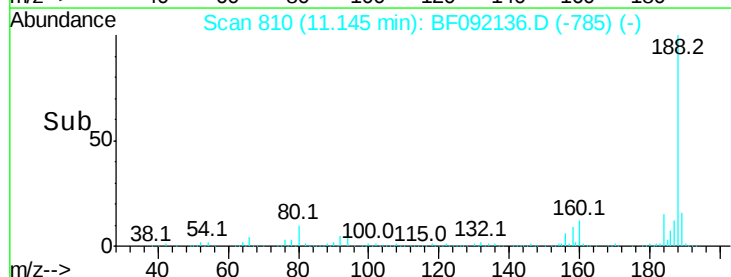
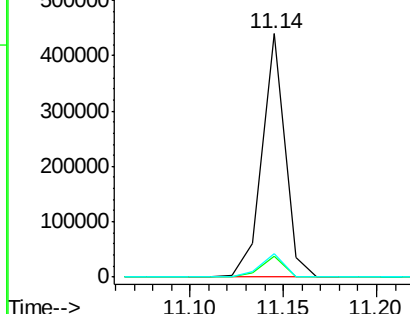


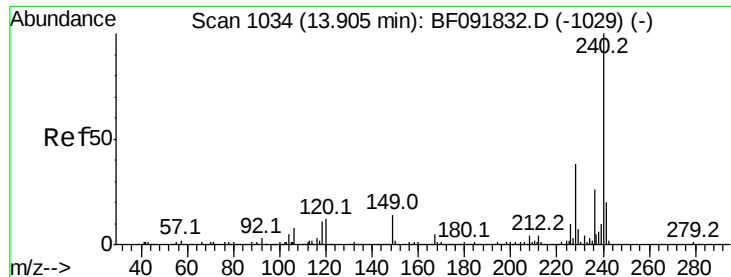
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092136.D
Acq: 9 Jan 2017 14:11

Tgt Ion:188 Resp: 371963
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 9.6 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampled :

MW-5

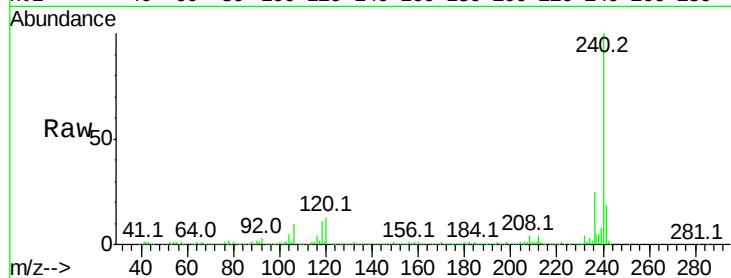
Tot Ion:240 Resp: 538609

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

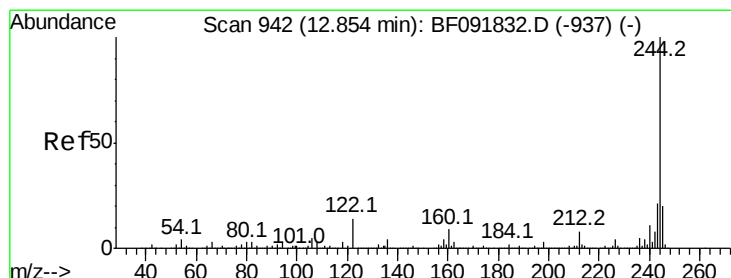
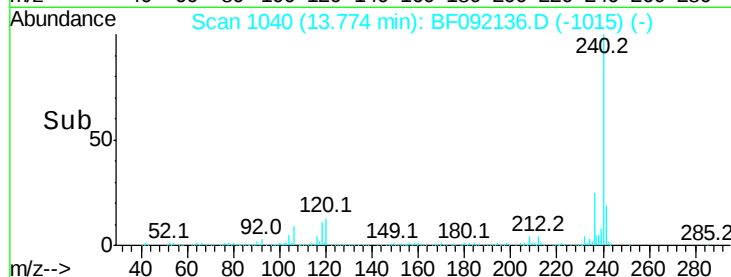
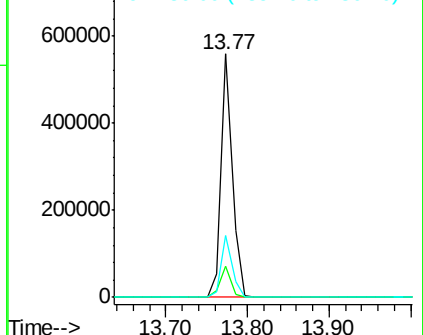
236 25.2 20.9 31.3



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: 44.67 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

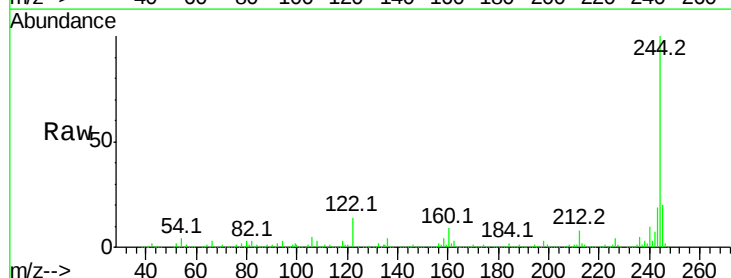
Tgt Ion:244 Resp: 991963

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

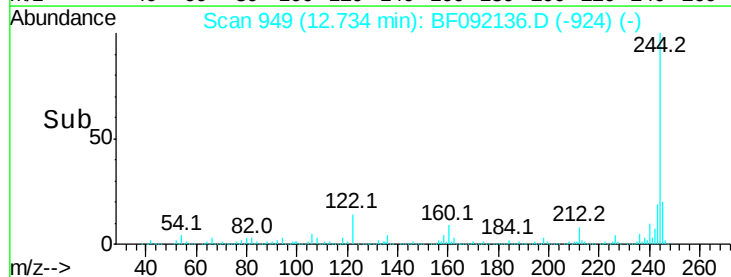
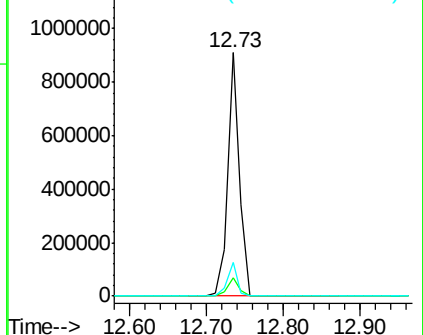
122 13.7 11.4 17.2

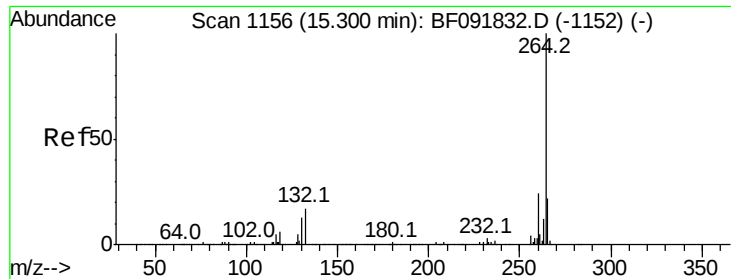


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092136.D
Acq: 9 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:264 Resp: 408488

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.4	26.0

