

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091872.D
 Acq On : 22 Dec 2016 8:55
 Operator : UM/SJ
 Sample : H6156-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Dec 22 16:13:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

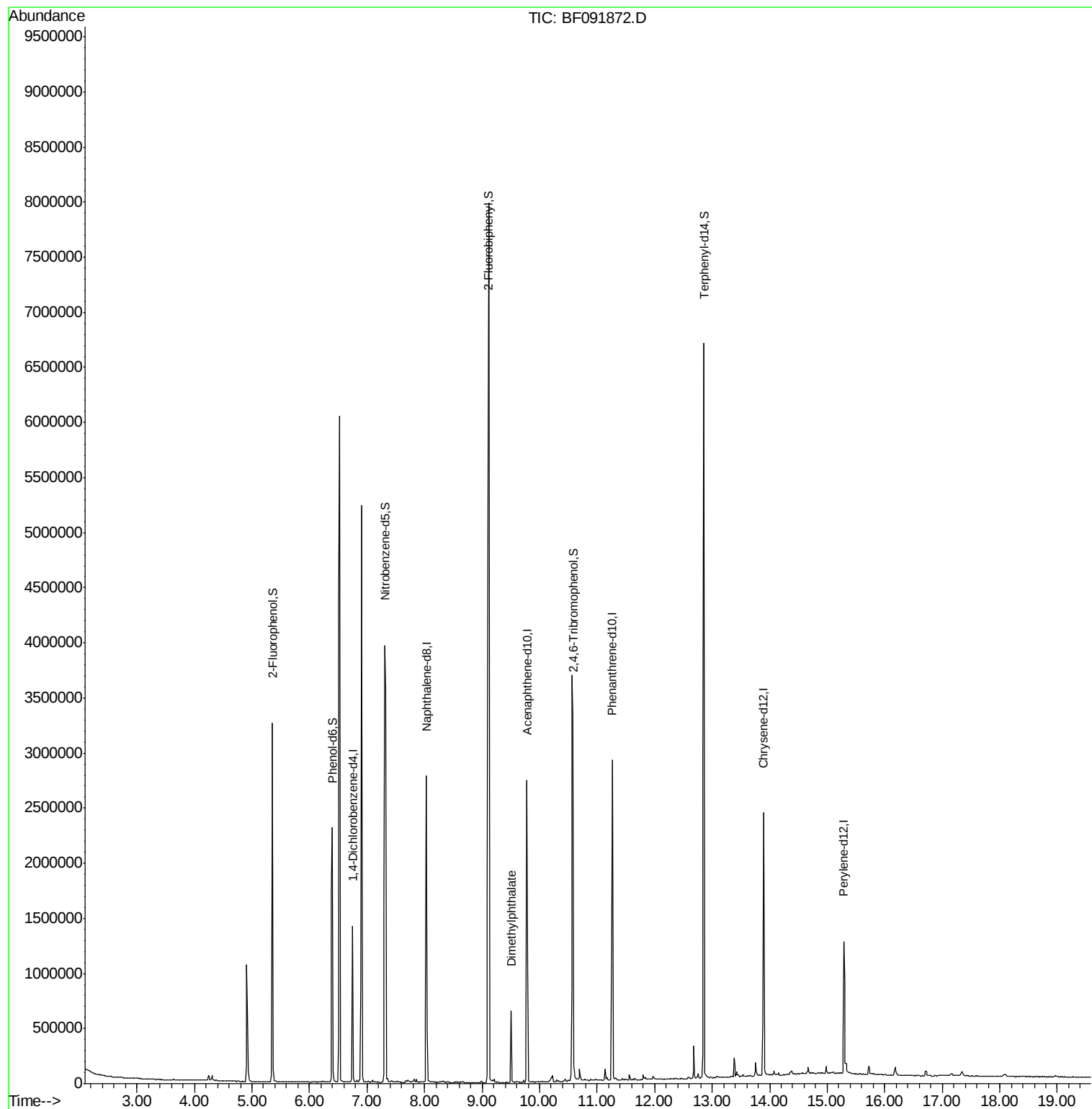
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	336352	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1344240	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	685504	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1155878	20.00	ng	0.00
75) Chrysene-d12	13.89	240	806170	20.00	ng	-0.01
86) Perylene-d12	15.29	264	624815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1230859	61.10	ng	0.01
7) Phenol-d6	6.40	99	1109834	45.13	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2289984	94.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	741353	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3480485	107.43	ng	0.00
78) Terphenyl-d14	12.85	244	2423967	72.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	260550	5.94	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: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

Instrument :

BNA_F

ClientSampleId :

MW-7

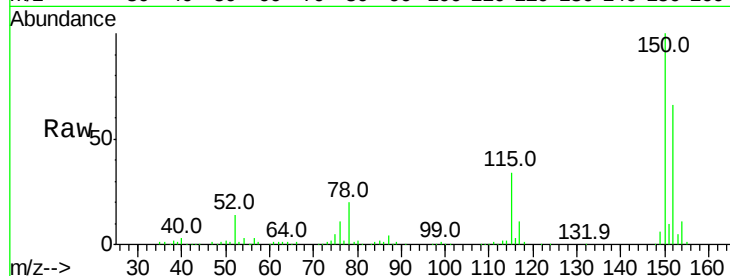
Tot Ion:152 Resp: 336352

Ion Ratio Lower Upper

152 100

150 151.7 124.9 187.3

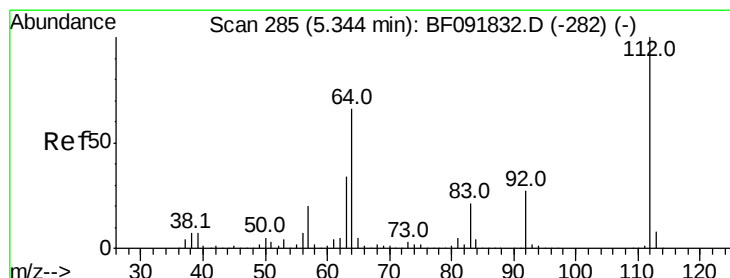
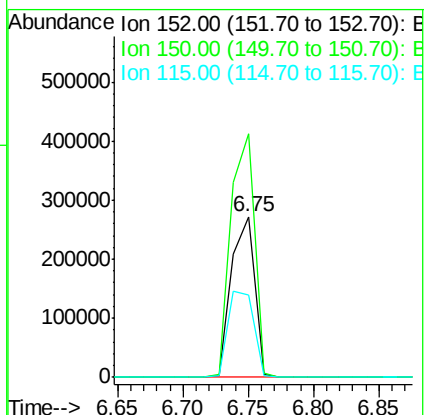
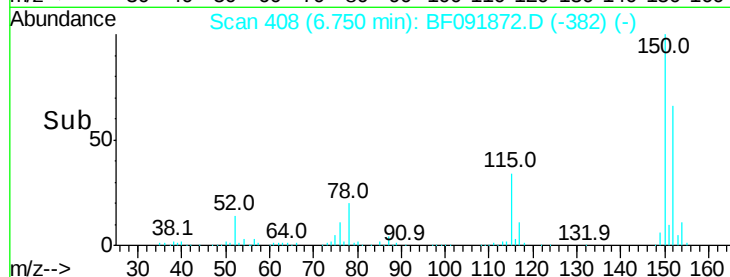
115 51.7 46.0 69.0



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: 61.10 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

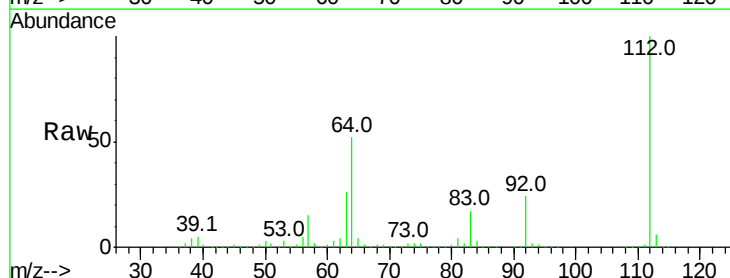
Tgt Ion:112 Resp: 1230859

Ion Ratio Lower Upper

112 100

64 52.3 46.1 69.1

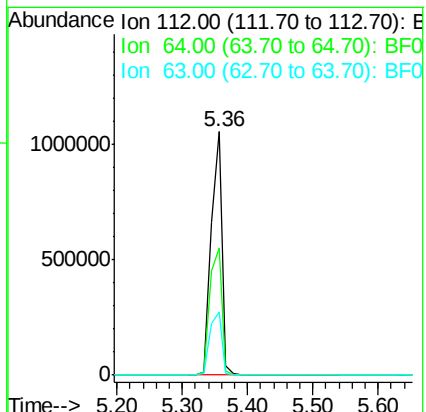
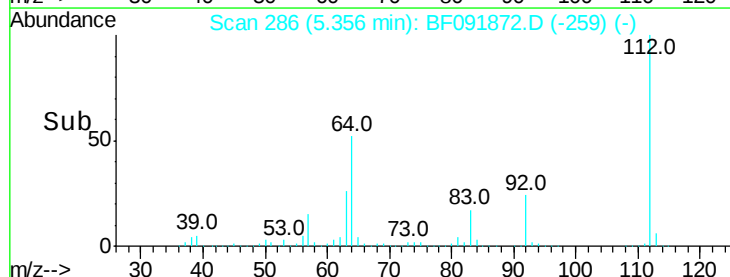
63 26.0 23.8 35.6

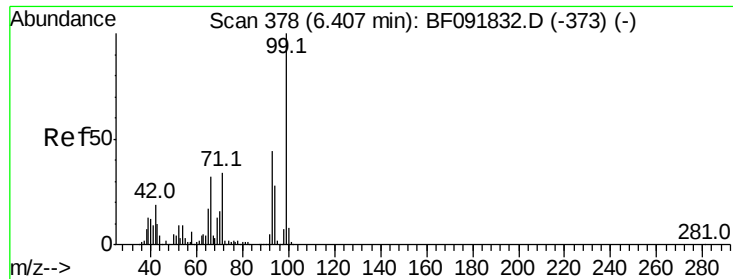


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.13 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

Instrument :

BNA_F

ClientSampleId :

MW-7

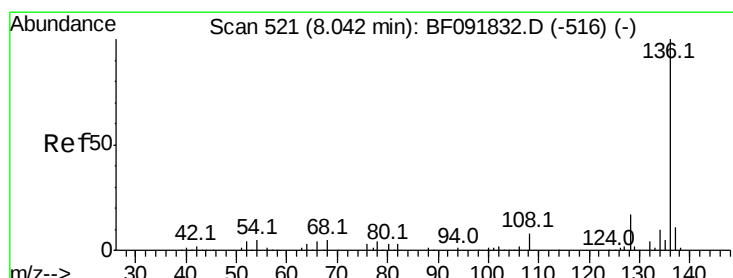
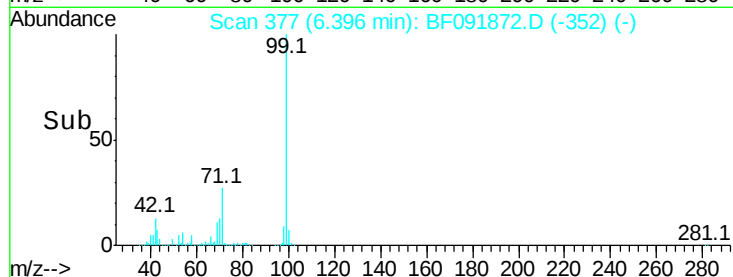
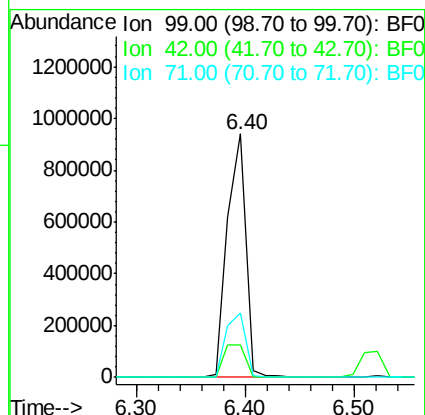
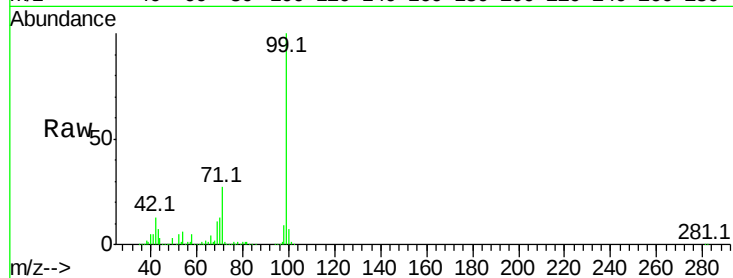
Tot Ion: 99 Resp: 1109834

Ion Ratio Lower Upper

99 100

42 13.2 15.6 23.4#

71 26.5 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

Tgt Ion: 136 Resp: 1344240

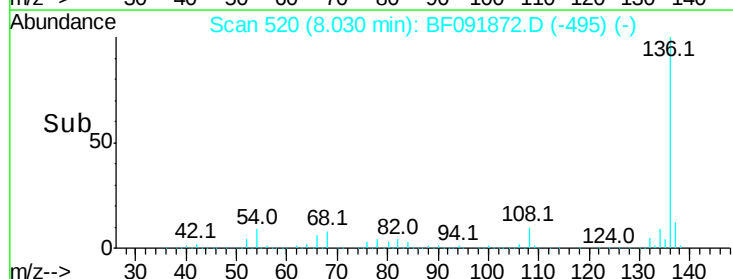
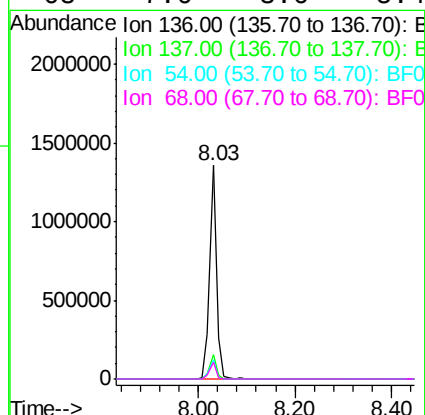
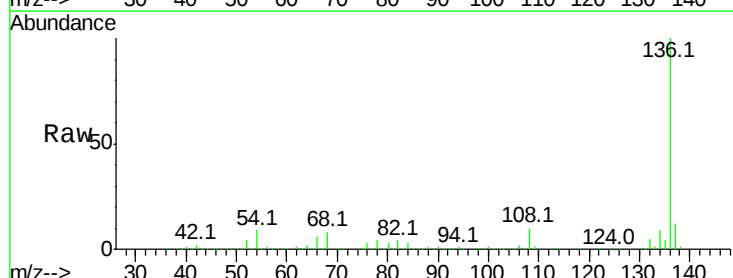
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 8.8 4.5 6.7#

68 7.6 3.6 5.4#



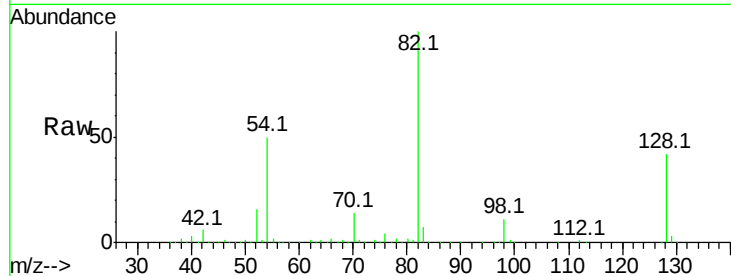


#23
 Nitrobenzene-d5
 Concen: 94.73 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091872.D
 Acq: 22 Dec 2016 8:55

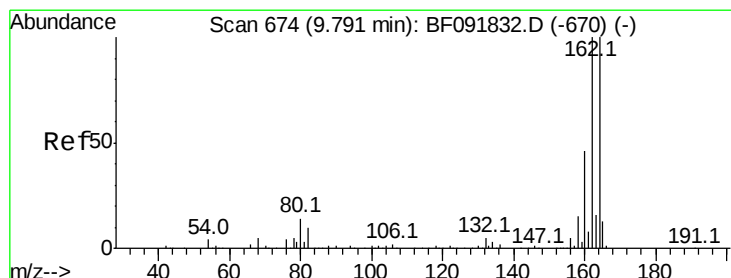
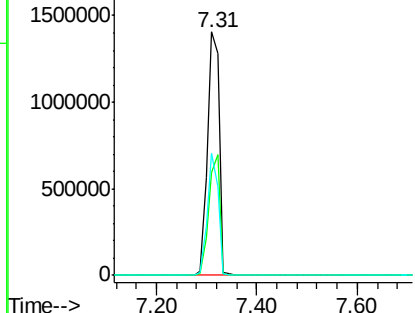
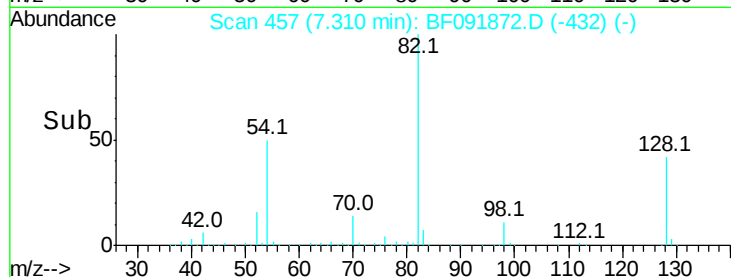
Instrument :
 BNA_F
 ClientSampled :
 MW-7

Tot Ion: 82 Resp: 2289984

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	50.2	39.5	59.3



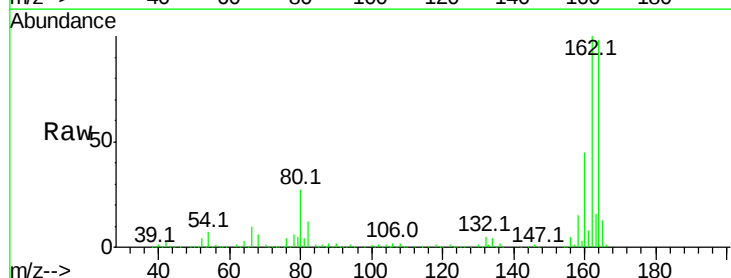
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



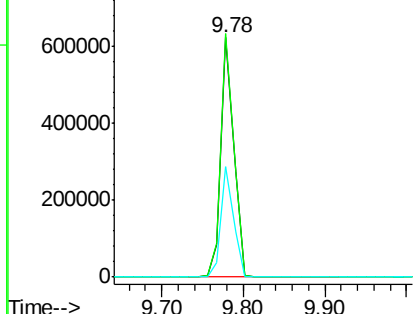
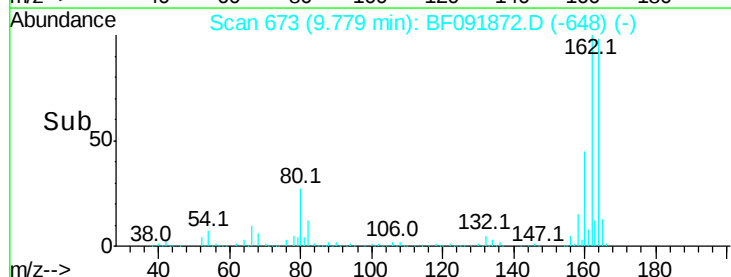
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091872.D
 Acq: 22 Dec 2016 8:55

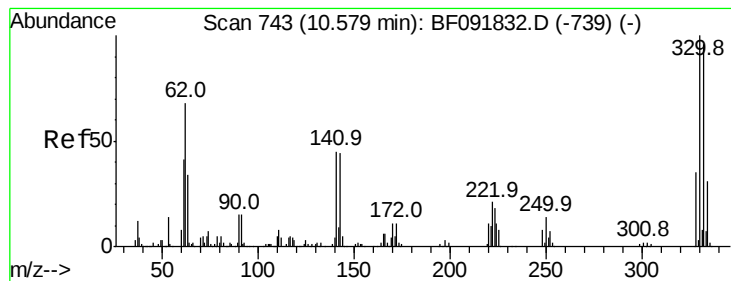
Tgt Ion:164 Resp: 685504

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	45.9	36.9	55.3



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: 130.68 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

Instrument :

BNA_F

ClientSampleId :

MW-7

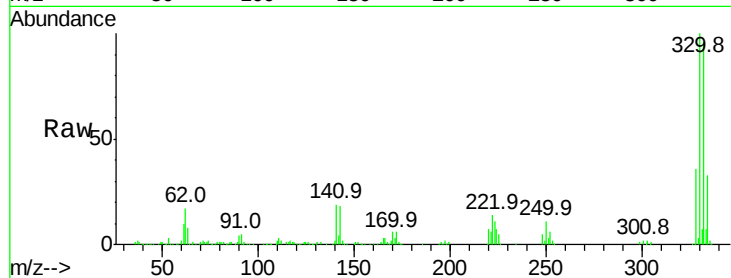
Tot Ion:330 Resp: 741353

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

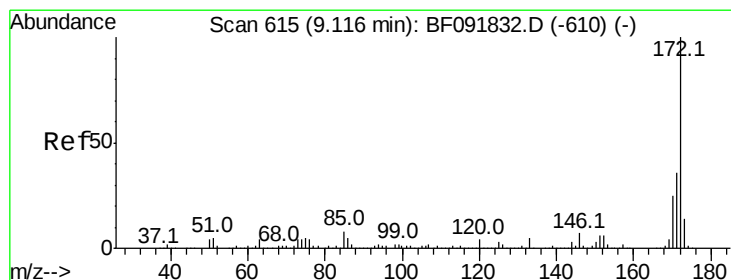
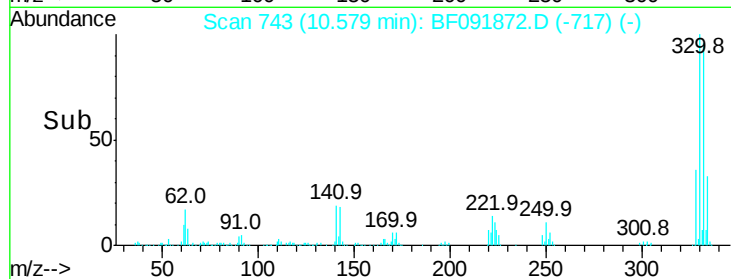
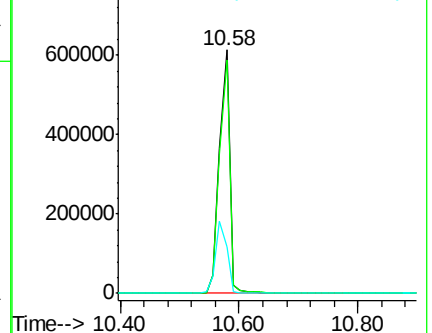
141 33.4 34.1 51.1#



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: 107.43 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

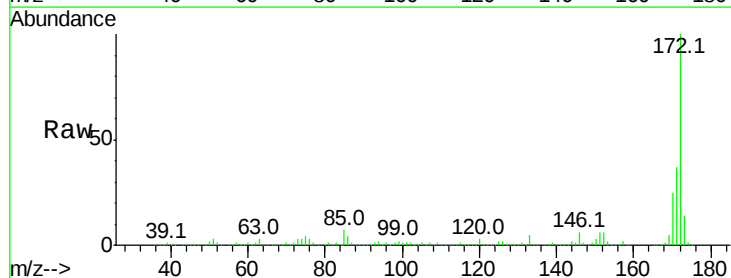
Tgt Ion:172 Resp: 3480485

Ion Ratio Lower Upper

172 100

171 37.3 29.4 44.0

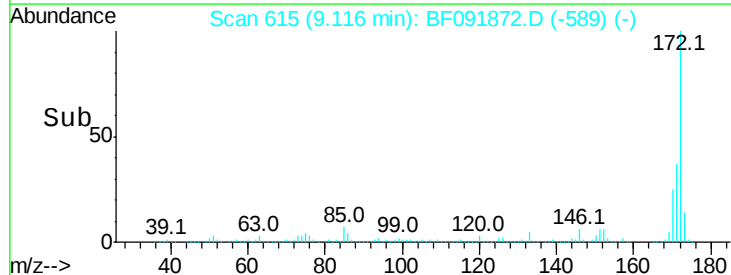
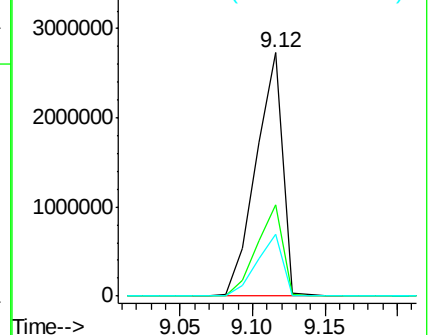
170 25.3 20.2 30.4

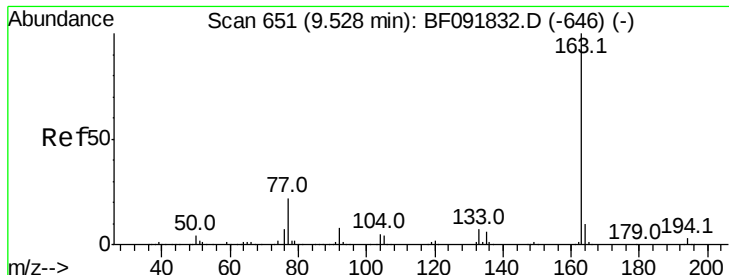


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

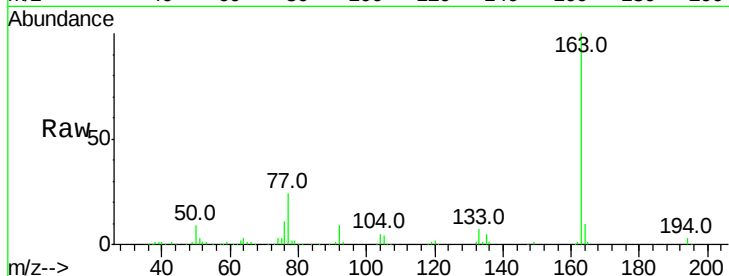




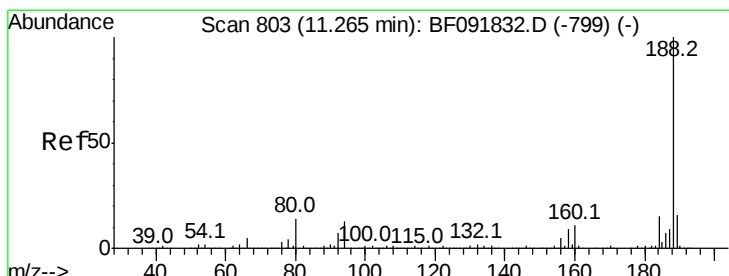
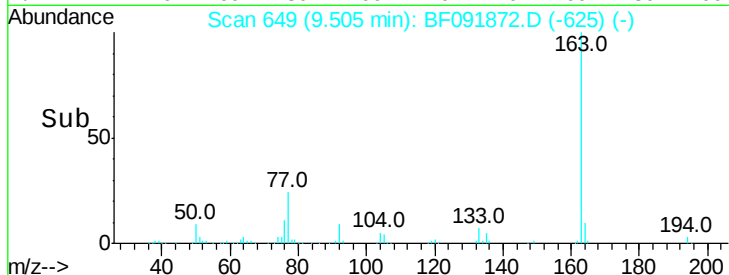
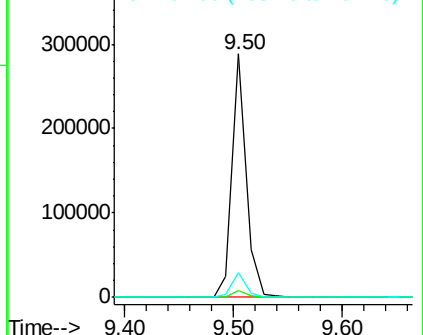
#49
Dimethylphthalate
Concen: 5.94 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091872.D
Acq: 22 Dec 2016 8:55

Instrument :
BNA_F
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.3	8.0	12.0

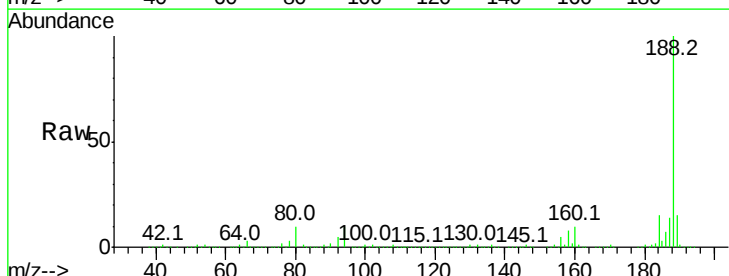


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

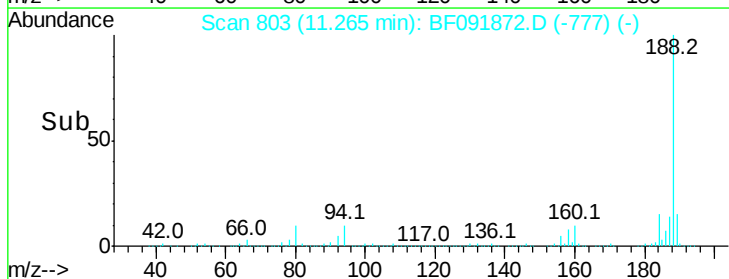
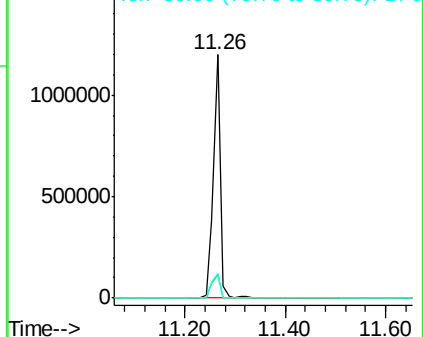


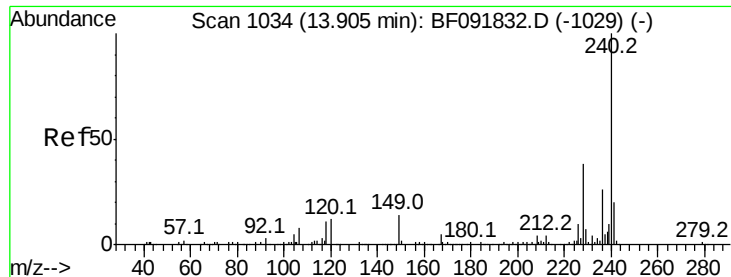
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091872.D
Acq: 22 Dec 2016 8:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	10.1	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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

Instrument :

BNA_F

ClientSampleId :

MW-7

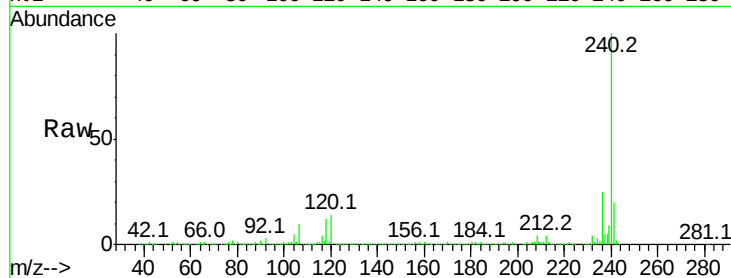
Tot Ion:240 Resp: 806170

Ion Ratio Lower Upper

240 100

120 13.6 12.9 19.3

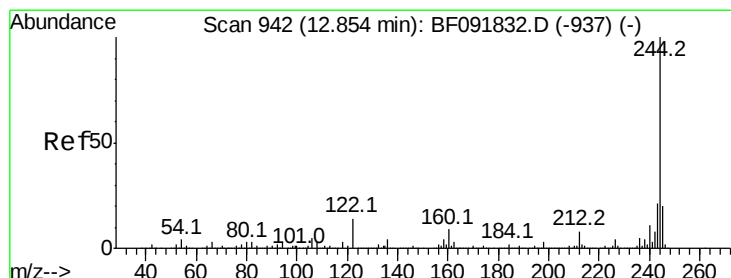
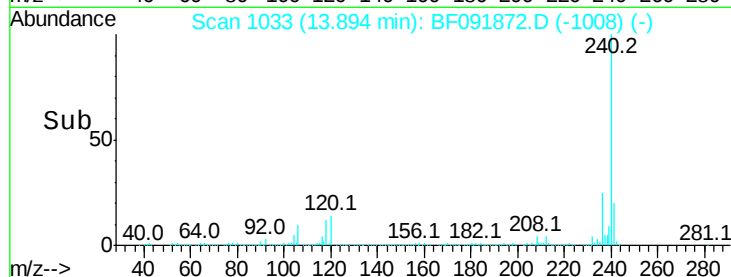
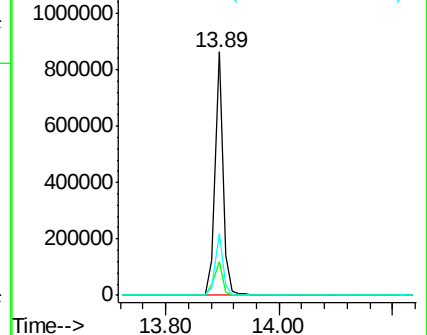
236 25.4 20.9 31.3



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: 72.92 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091872.D

Acq: 22 Dec 2016 8:55

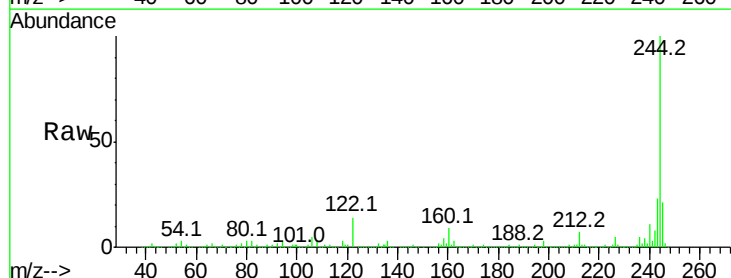
Tgt Ion:244 Resp: 2423967

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

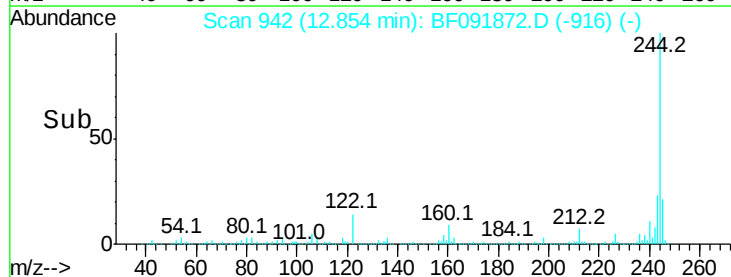
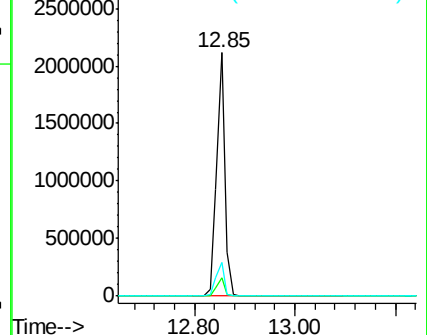
122 13.8 11.4 17.2

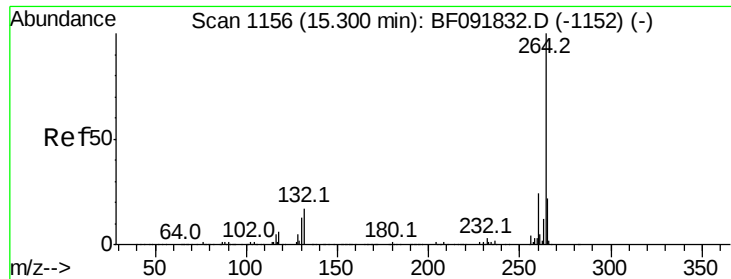


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091872.D
Acq: 22 Dec 2016 8:55

Instrument :
BNA_F
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.4	26.0

