

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091810.D
 Acq On : 20 Dec 2016 10:42
 Operator : UM/SJ
 Sample : H6147-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Dec 21 00:09:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

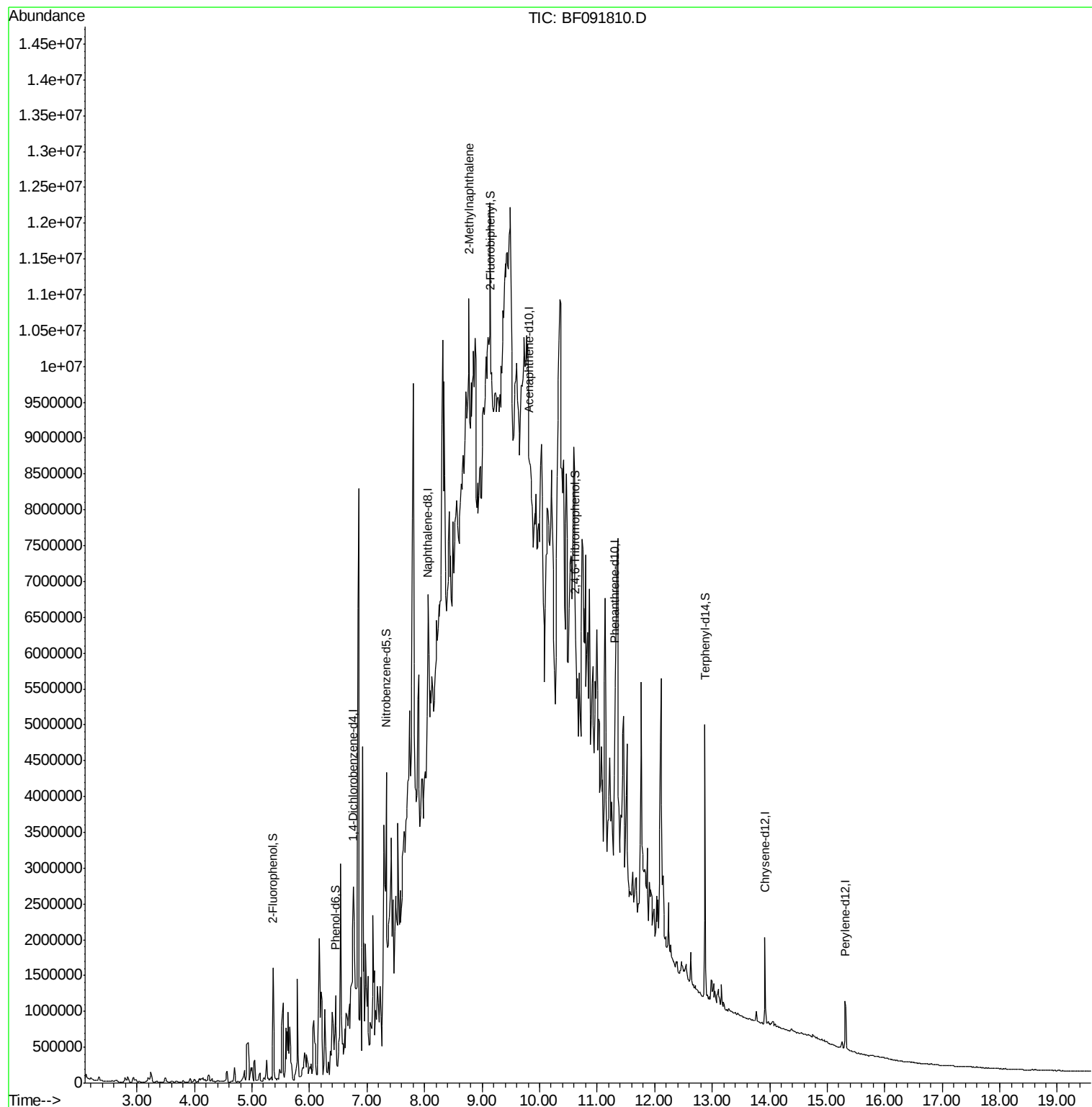
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191104	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	808965	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	538892	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	539833	20.00	ng	0.02
75) Chrysene-d12	13.92	240	423327	20.00	ng	-0.01
86) Perylene-d12	15.31	264	377748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	600788	52.67	ng	0.00
7) Phenol-d6	6.45	99	545822	39.24	ng	0.03
23) Nitrobenzene-d5	7.33	82	1092959	77.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	297820	65.17	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	1414731	52.74	ng	0.00
78) Terphenyl-d14	12.88	244	1258915	75.09	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.77	142	355251	14.58	ng	Qvalue 90

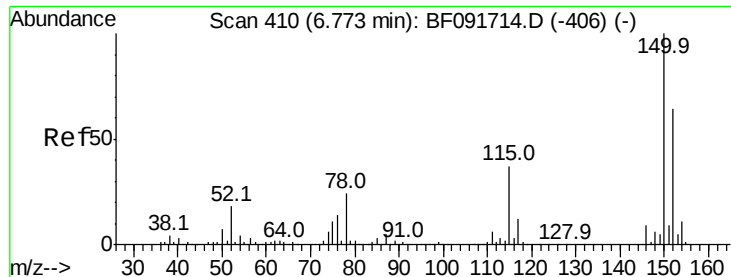
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091810.D
Acq On : 20 Dec 2016 10:42
Operator : UM/SJ
Sample : H6147-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

Quant Time: Dec 21 00:09:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

Instrument :

BNA_F

ClientSampled :

MW-18

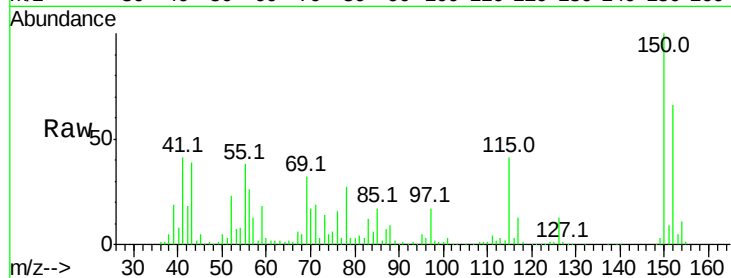
Tot Ion:152 Resp: 191104

Ion Ratio Lower Upper

152 100

150 151.8 124.9 187.3

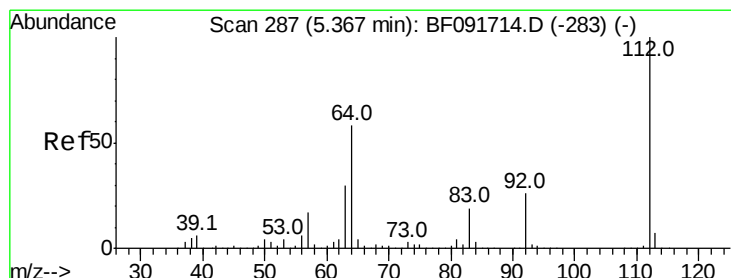
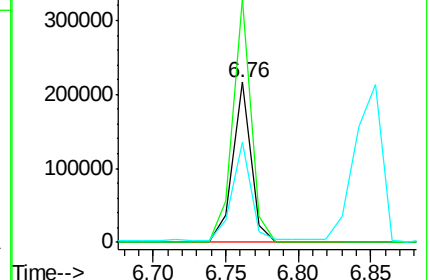
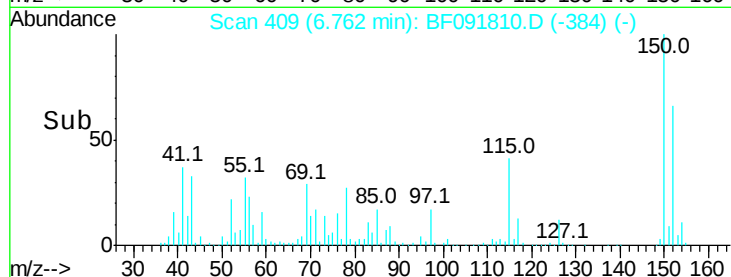
115 62.5 46.0 69.0



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: 52.67 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

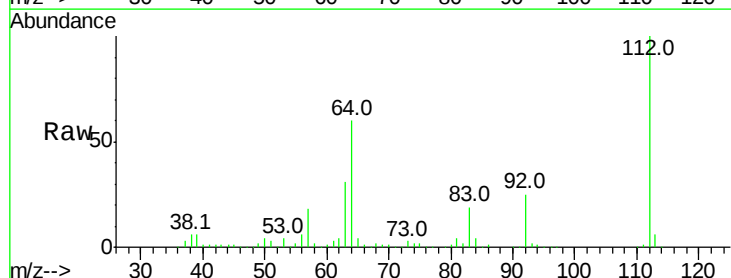
Tgt Ion:112 Resp: 600788

Ion Ratio Lower Upper

112 100

64 60.0 46.1 69.1

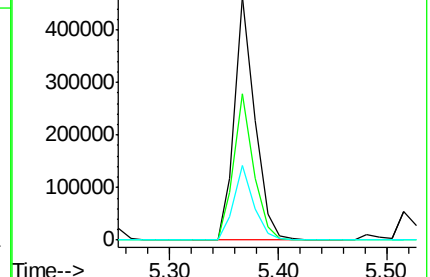
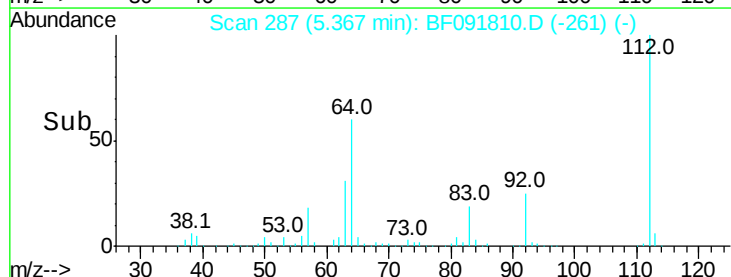
63 30.7 23.8 35.6

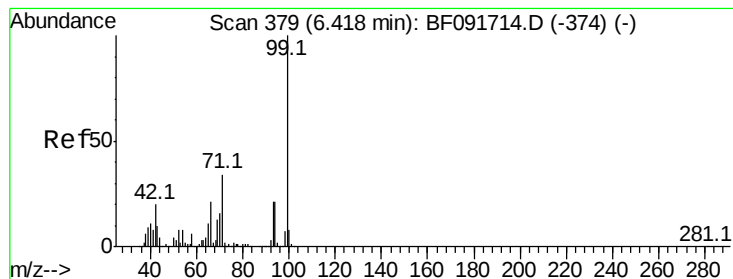


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.24 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

Instrument :

BNA_F

ClientSampleId :

MW-18

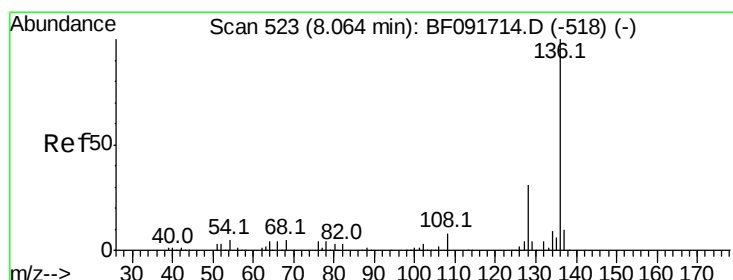
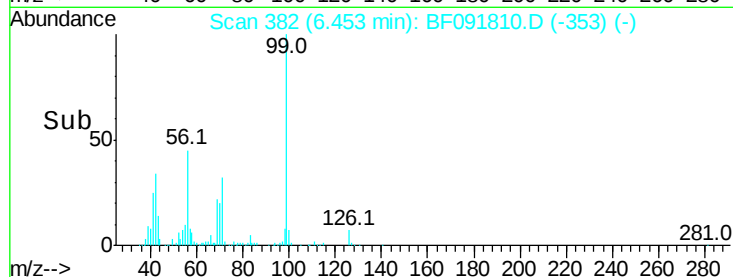
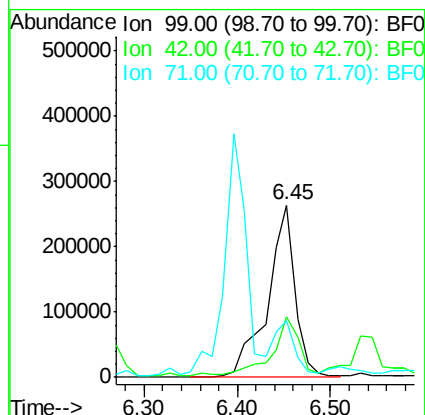
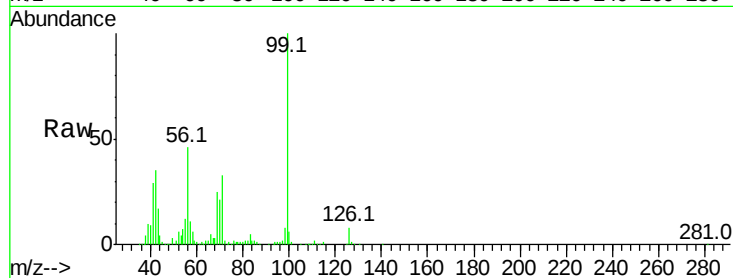
Tot Ion: 99 Resp: 545822

Ion Ratio Lower Upper

99 100

42 35.1 15.6 23.4#

71 33.0 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

Tgt Ion: 136 Resp: 808965

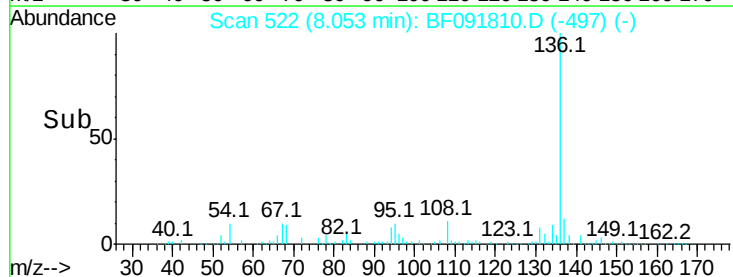
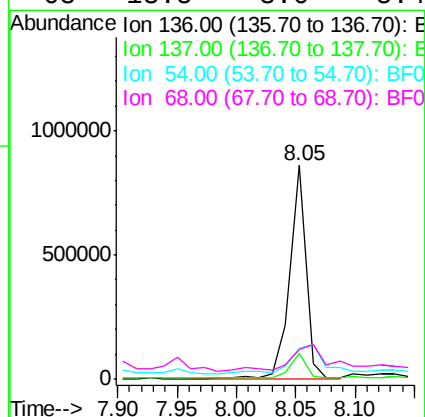
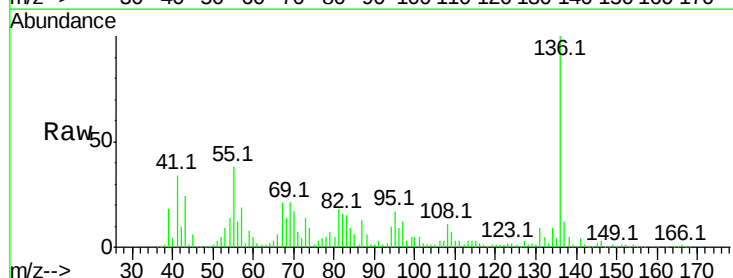
Ion Ratio Lower Upper

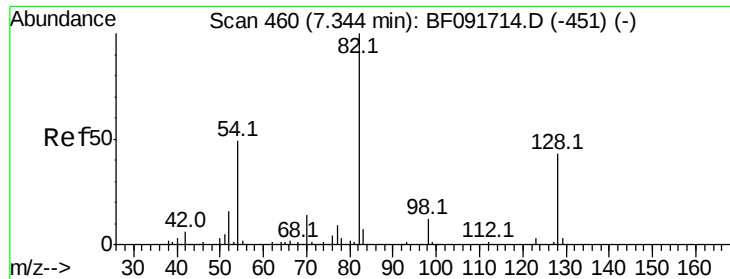
136 100

137 11.7 8.4 12.6

54 14.4 4.5 6.7#

68 13.5 3.6 5.4#

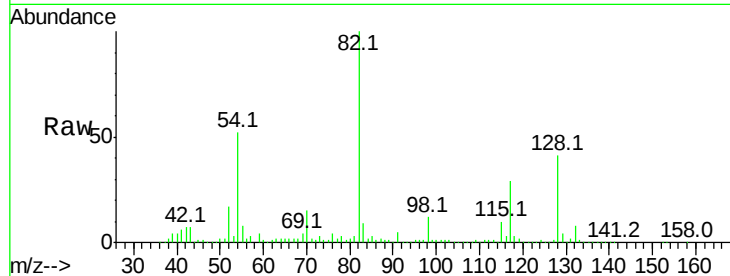




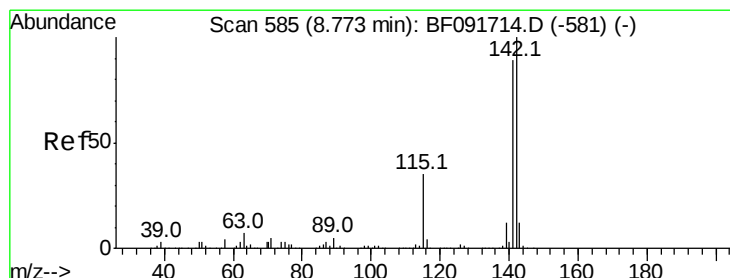
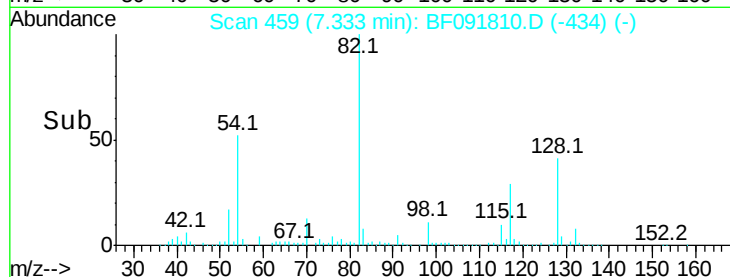
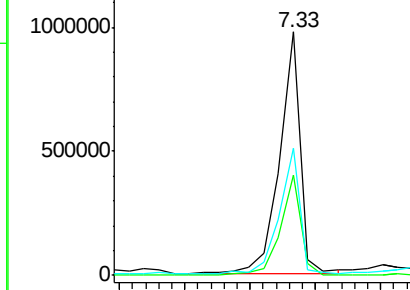
#23
 Nitrobenzene-d5
 Concen: 77.91 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091810.D
 Acq: 20 Dec 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tot Ion: 82 Resp: 1092959
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 52.3 39.5 59.3

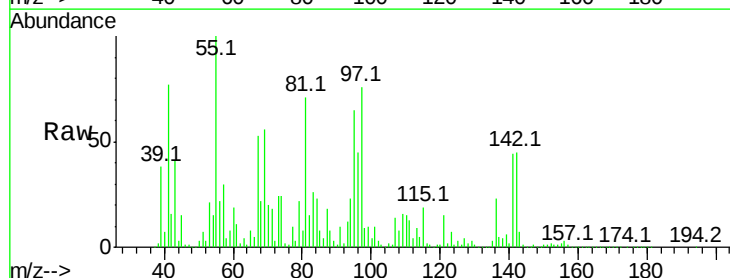


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

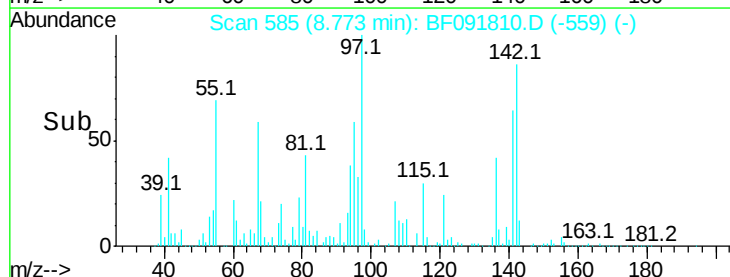
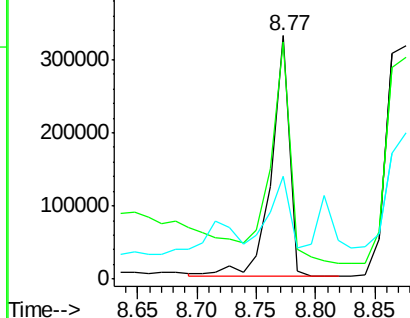


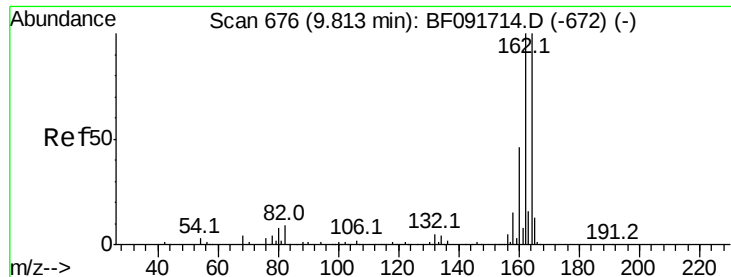
#37
 2-Methylnaphthalene
 Concen: 14.58 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF091810.D
 Acq: 20 Dec 2016 10:42

Tgt Ion:142 Resp: 355251
 Ion Ratio Lower Upper
 142 100
 141 97.5 71.0 106.6
 115 42.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

Instrument :

BNA_F

ClientSampleId :

MW-18

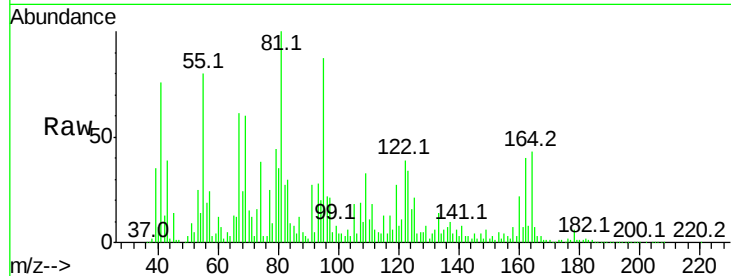
Tot Ion:164 Resp: 538892

Ion Ratio Lower Upper

164 100

162 91.9 80.2 120.2

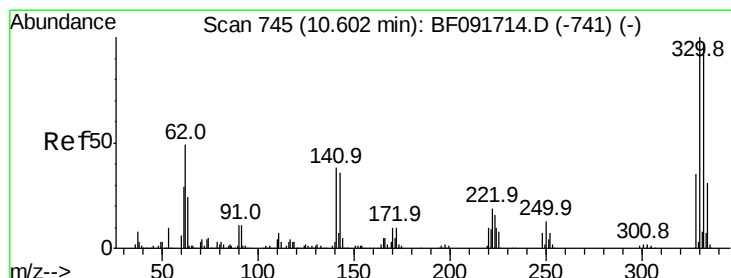
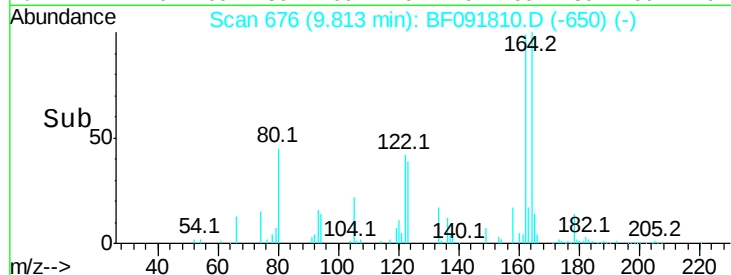
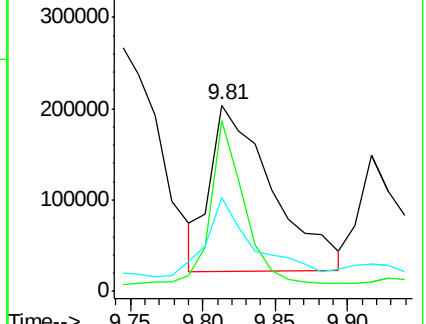
160 50.2 36.9 55.3



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: 65.17 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

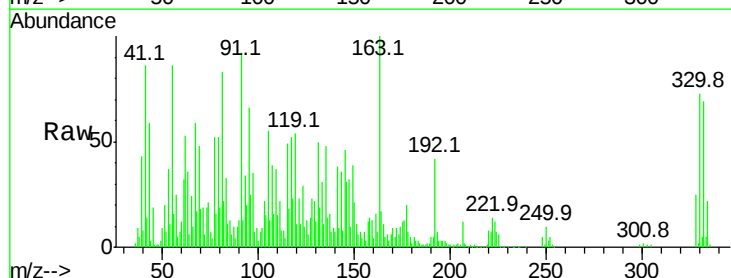
Tgt Ion:330 Resp: 297820

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

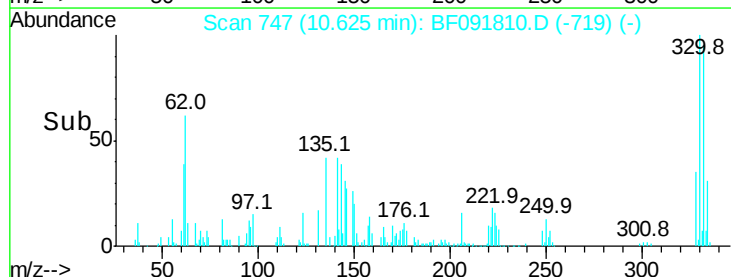
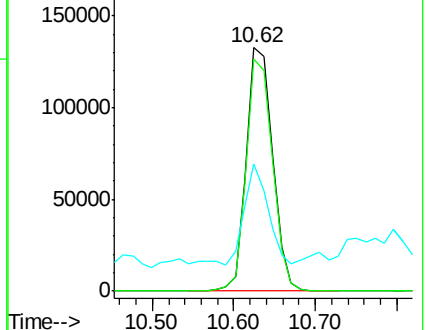
141 36.8 34.1 51.1

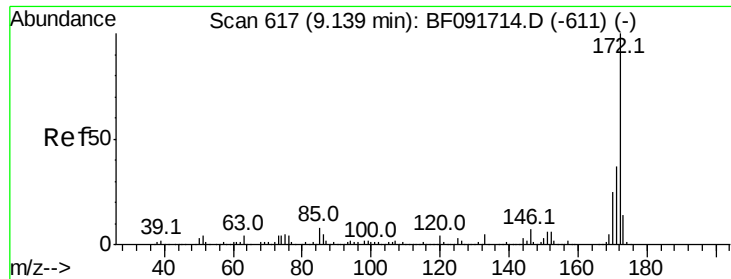


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

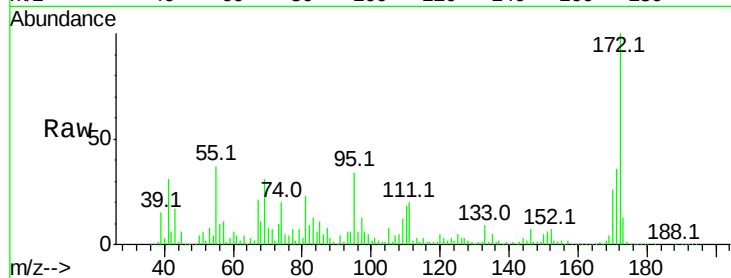




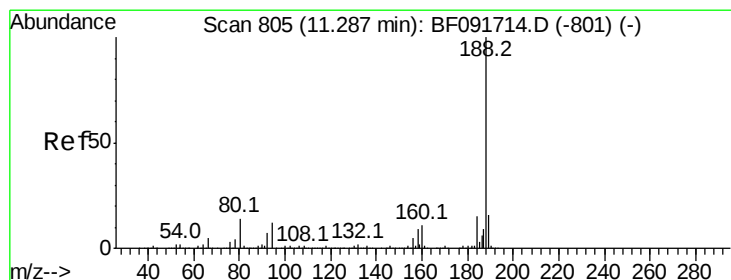
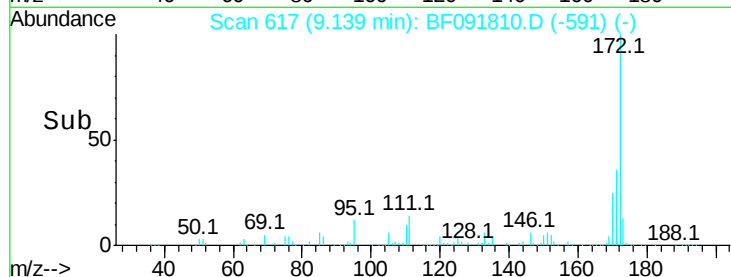
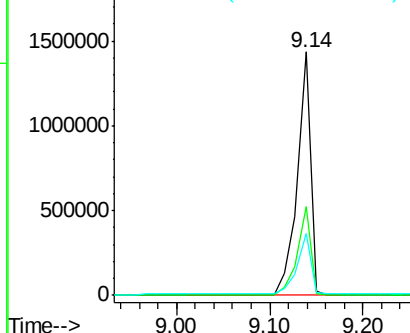
#44
2-Fluorobiphenyl
Concen: 52.74 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091810.D
Acq: 20 Dec 2016 10:42

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:172 Resp: 1414731
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 25.6 20.2 30.4

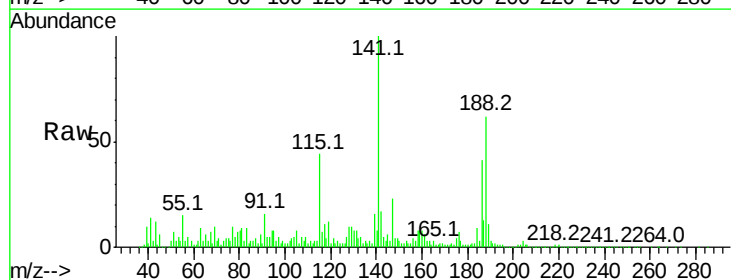


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

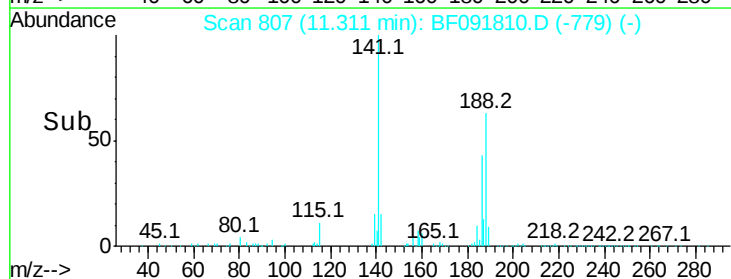
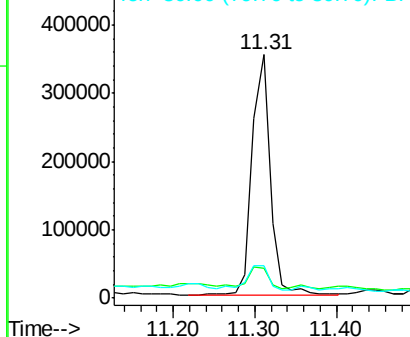


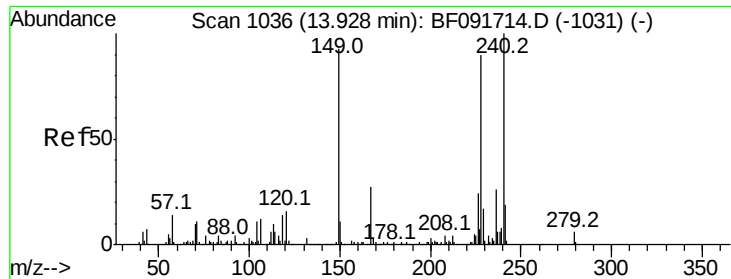
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.02 min
Lab File: BF091810.D
Acq: 20 Dec 2016 10:42

Tgt Ion:188 Resp: 539833
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.3 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

Instrument :

BNA_F

ClientSampleId :

MW-18

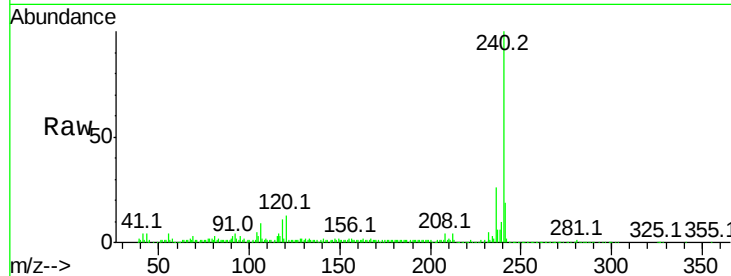
Tot Ion:240 Resp: 423327

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

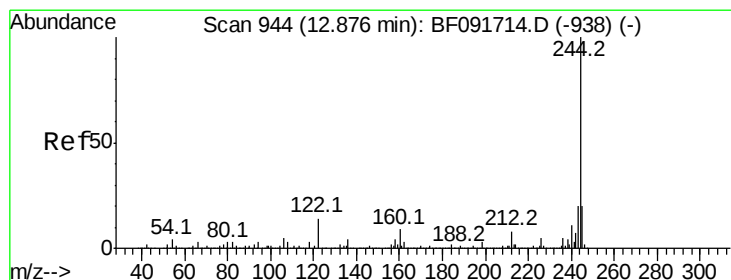
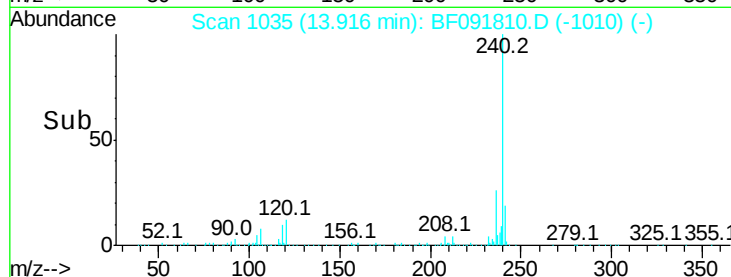
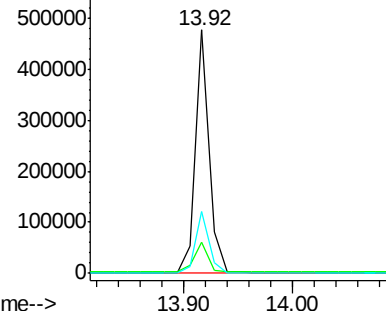
236 25.6 20.9 31.3



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: 75.09 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091810.D

Acq: 20 Dec 2016 10:42

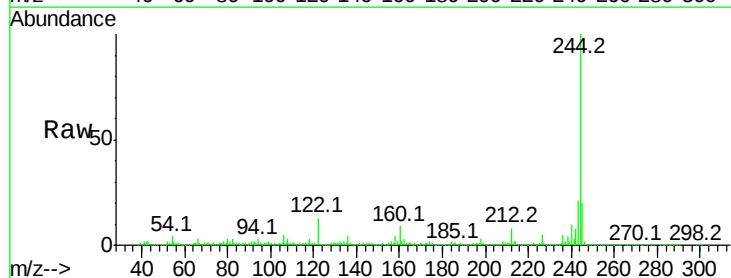
Tgt Ion:244 Resp: 1258915

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

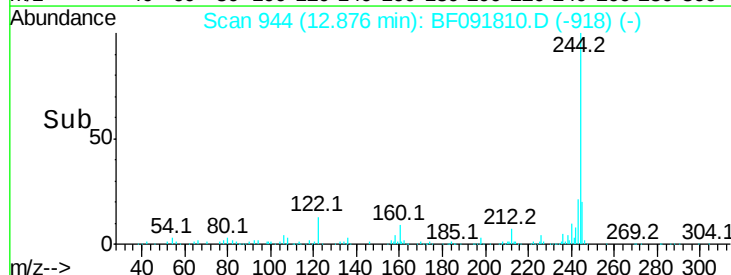
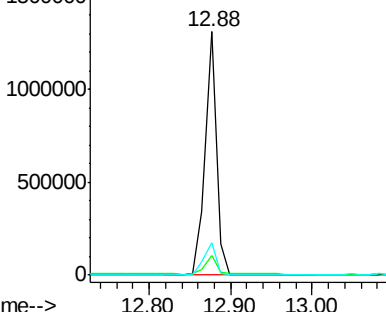
122 13.4 11.4 17.2

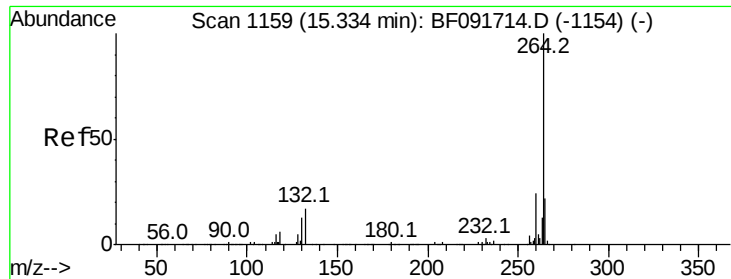


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091810.D
Acq: 20 Dec 2016 10:42

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0

