

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091809.D
 Acq On : 20 Dec 2016 10:14
 Operator : UM/SJ
 Sample : H6147-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Dec 21 00:04:14 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	221750	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	806888	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	429047	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	651835	20.00	ng	0.00
75) Chrysene-d12	13.92	240	675847	20.00	ng	-0.01
86) Perylene-d12	15.31	264	529054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1064672	80.44	ng	0.00
7) Phenol-d6	6.43	99	889818	55.12	ng	0.01
23) Nitrobenzene-d5	7.33	82	1620880	115.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	519497	142.79	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1901806	89.05	ng	-0.01
78) Terphenyl-d14	12.88	244	2035187	76.03	ng	0.00

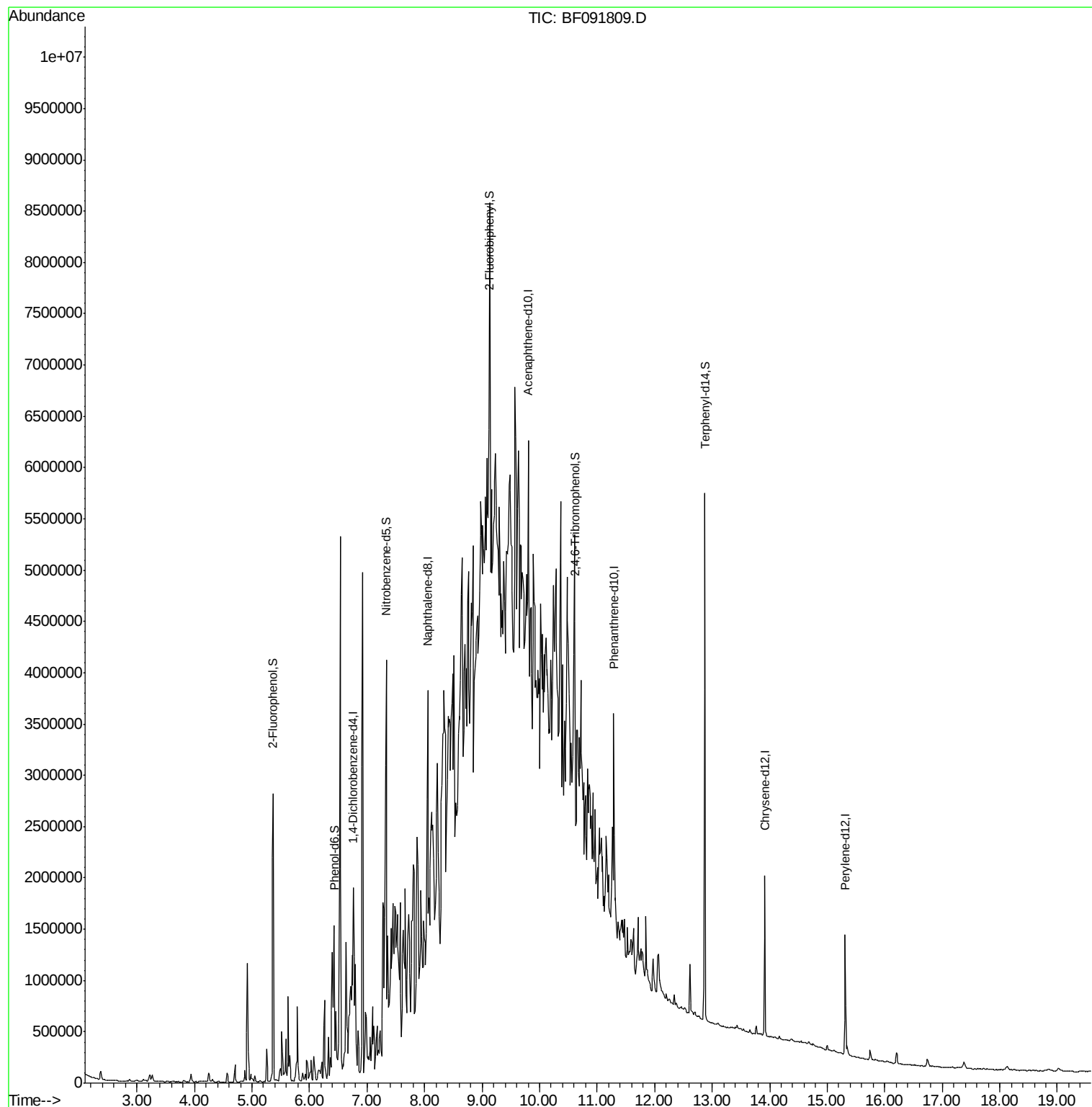
Target Compounds Qvalue

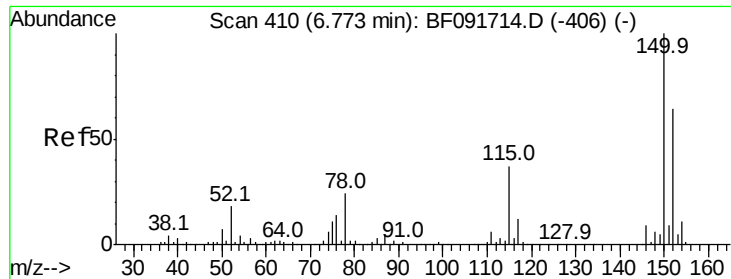
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

Quant Time: Dec 21 00:04:14 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



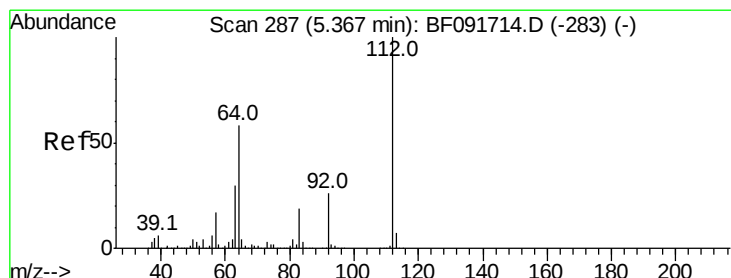
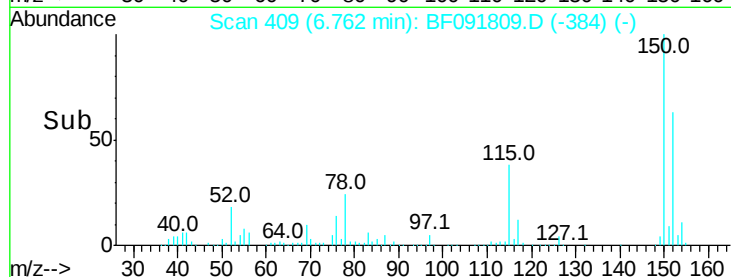
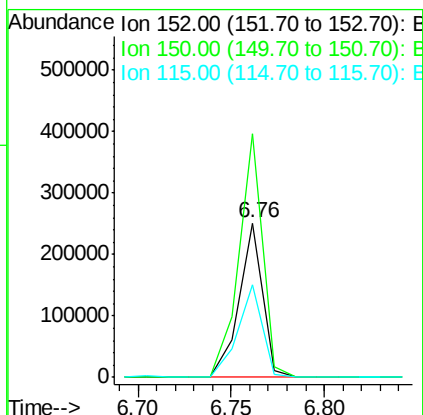
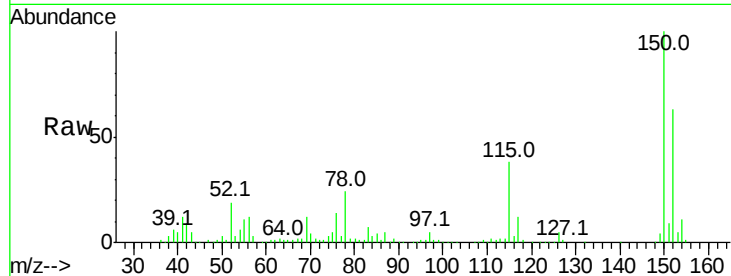


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091809.D
 Acq: 20 Dec 2016 10:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

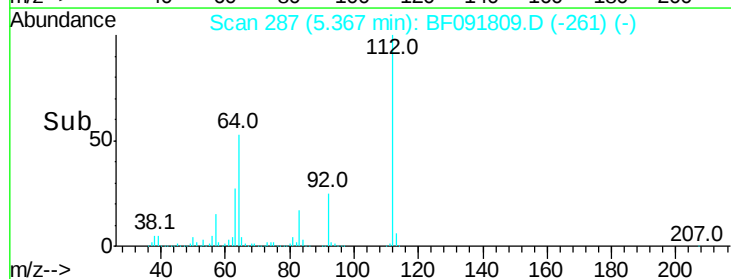
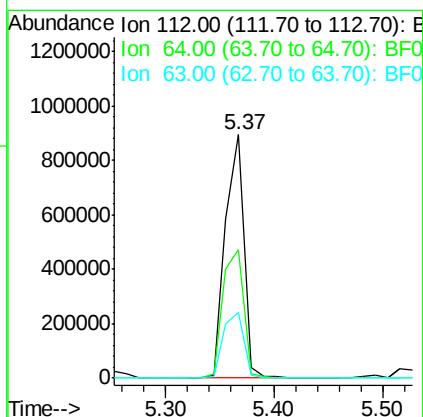
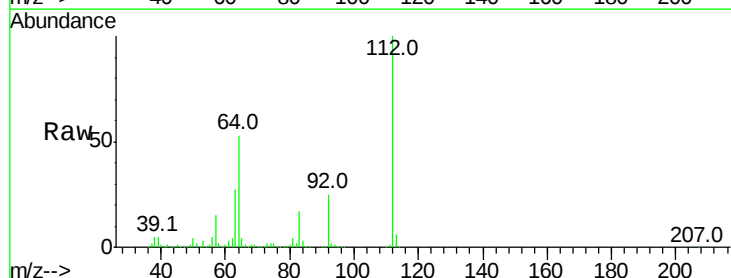
Tot Ion:152 Resp: 221750
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.9 187.3
 115 59.7 46.0 69.0

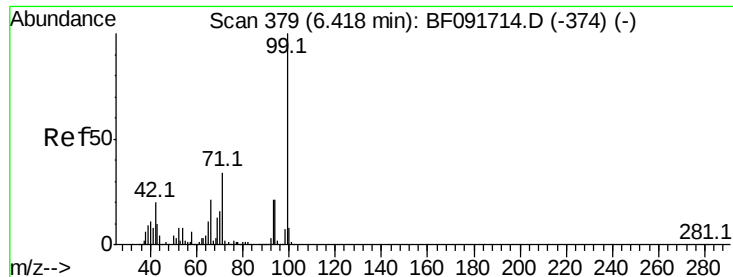


#5

2-Fluorophenol
 Concen: 80.44 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF091809.D
 Acq: 20 Dec 2016 10:14

Tgt Ion:112 Resp: 1064672
 Ion Ratio Lower Upper
 112 100
 64 52.9 46.1 69.1
 63 26.9 23.8 35.6





#7

Phenol-d6

Concen: 55.12 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091809.D

Acq: 20 Dec 2016 10:14

Instrument :

BNA_F

ClientSampleId :

MW-28

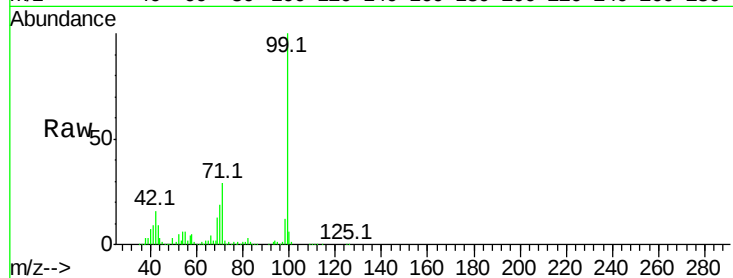
Tot Ion: 99 Resp: 889818

Ion Ratio Lower Upper

99 100

42 15.9 15.6 23.4

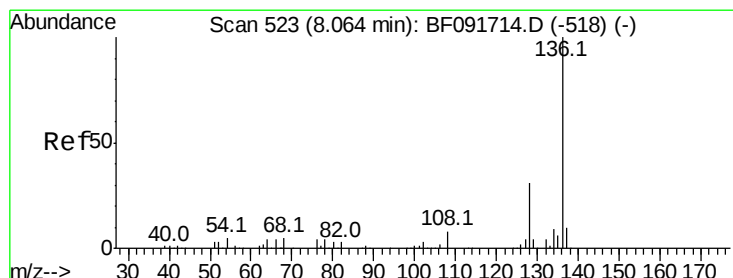
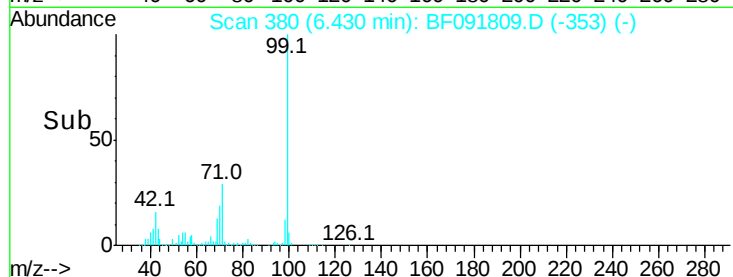
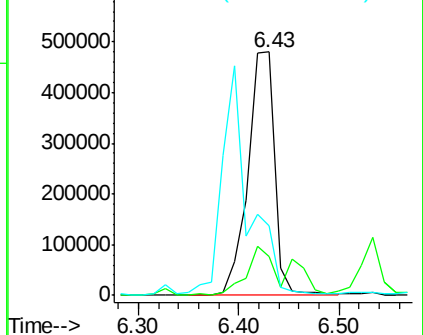
71 28.7 27.5 41.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091809.D

Acq: 20 Dec 2016 10:14

Tgt Ion: 136 Resp: 806888

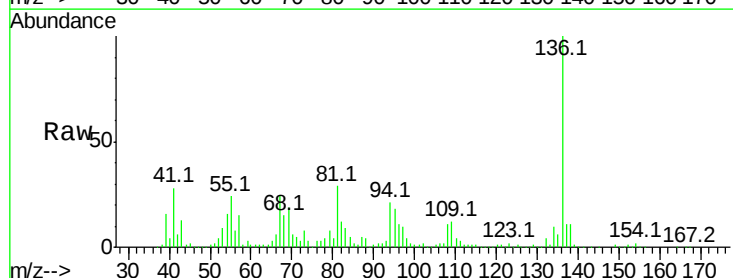
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 16.3 4.5 6.7#

68 15.1 3.6 5.4#

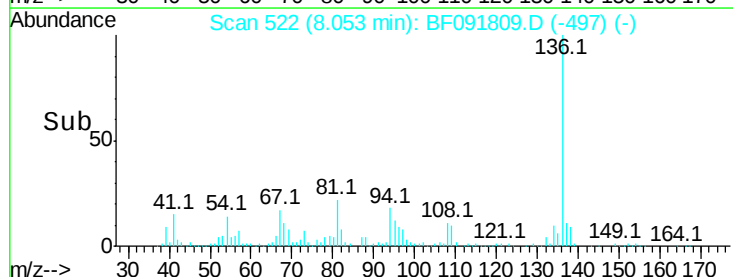
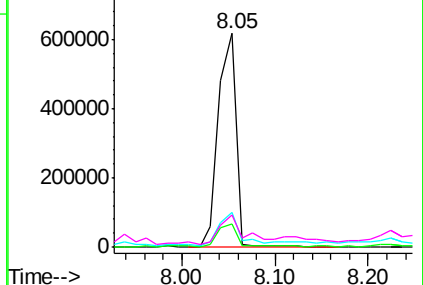


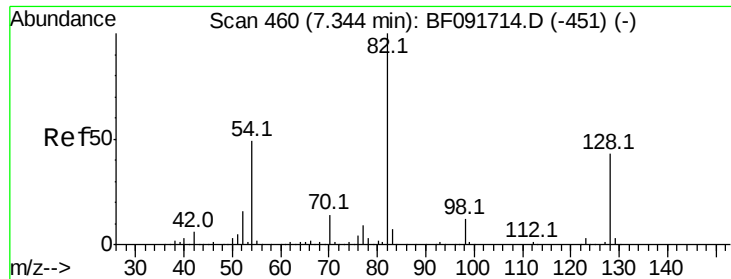
Abundance Ion 136.00 (135.70 to 136.70): E

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

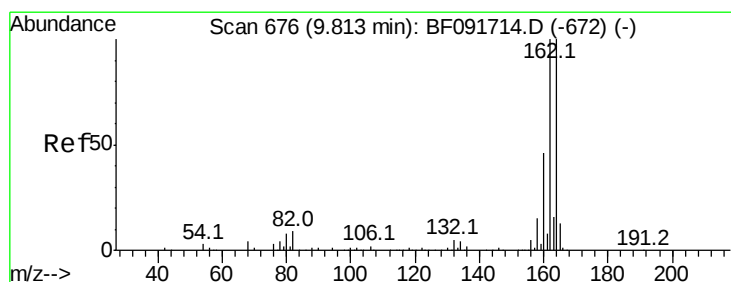
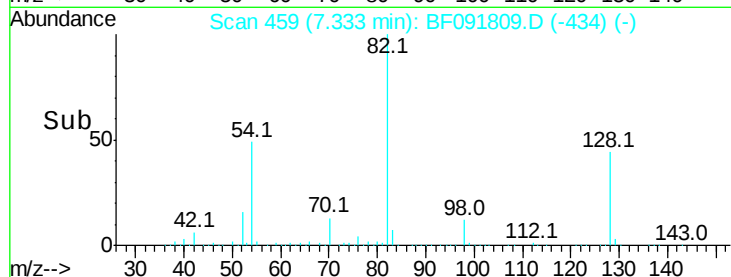
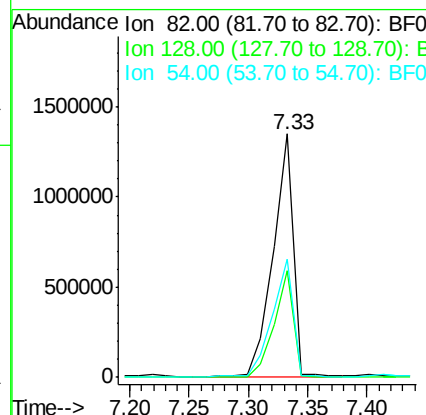
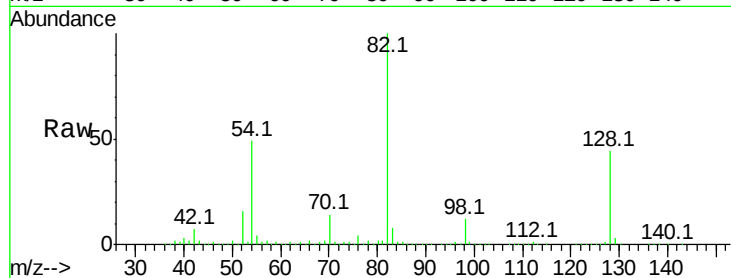




#23
Nitrobenzene-d5
Concen: 115.84 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

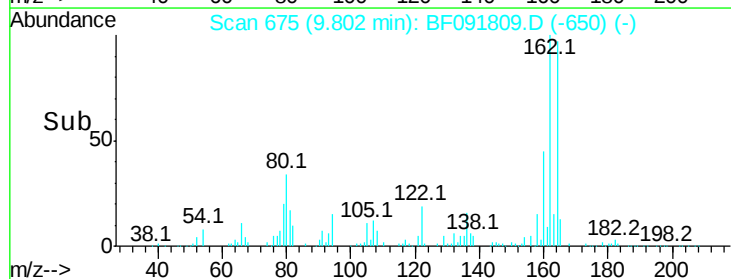
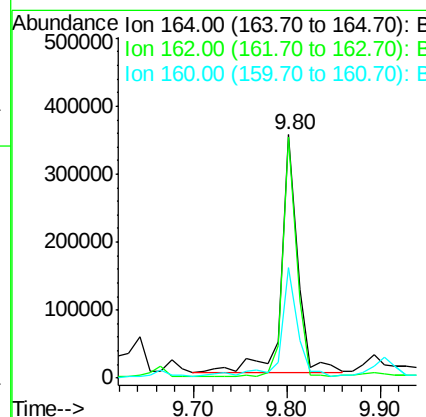
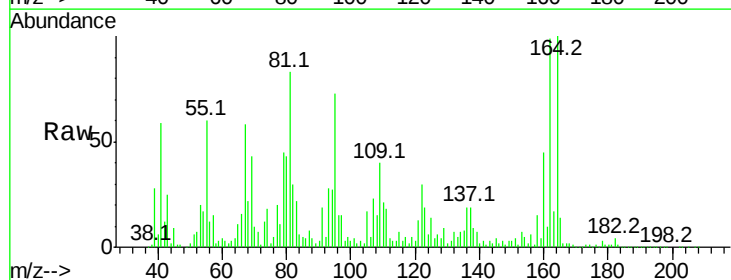
Instrument :
BNA_F
ClientSampleId :
MW-28

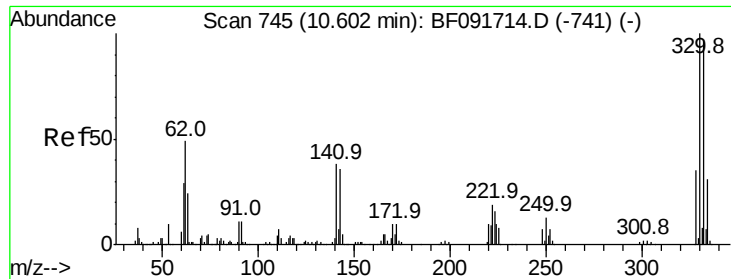
Tot Ion: 82 Resp: 1620880
Ion Ratio Lower Upper
82 100
128 44.0 34.6 52.0
54 48.7 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:164 Resp: 429047
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.2
160 45.4 36.9 55.3

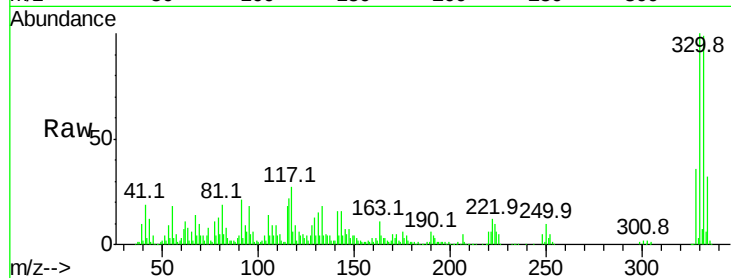




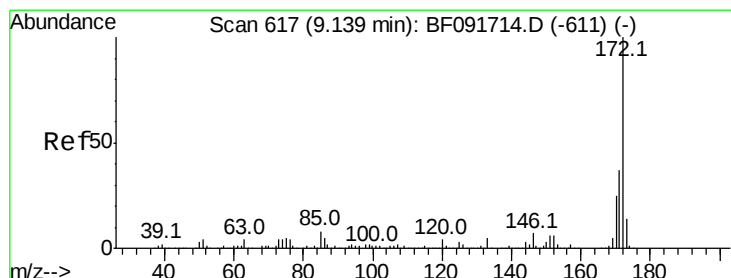
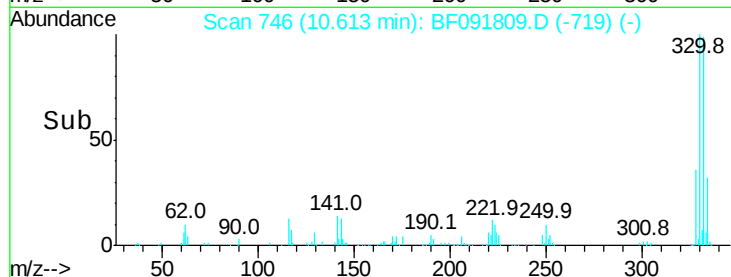
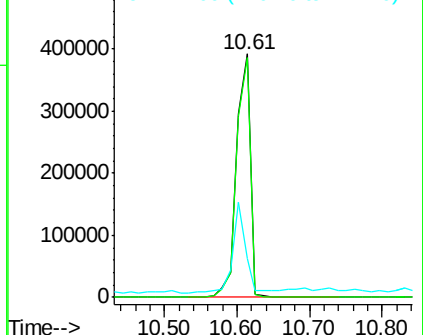
#41
 2,4,6-Tribromophenol
 Concen: 142.79 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF091809.D
 Acq: 20 Dec 2016 10:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion:330 Resp: 519497
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 35.0 34.1 51.1

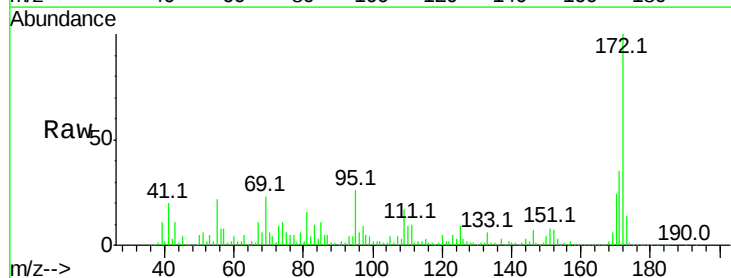


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

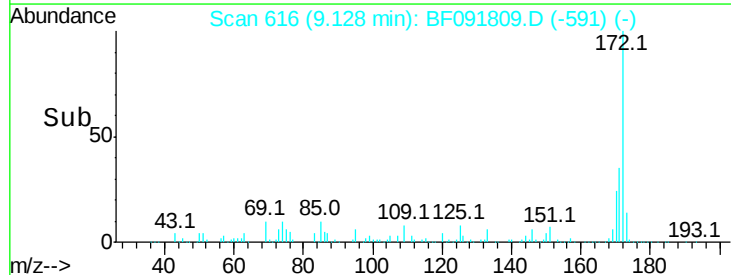
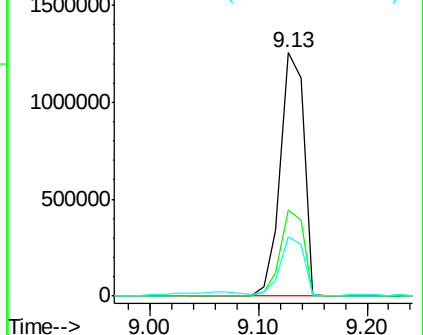


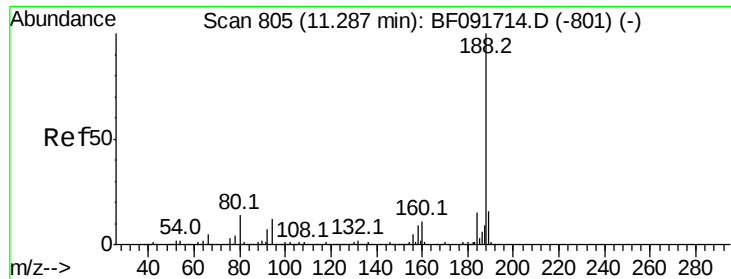
#44
 2-Fluorobiphenyl
 Concen: 89.05 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091809.D
 Acq: 20 Dec 2016 10:14

Tgt Ion:172 Resp: 1901806
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.2 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

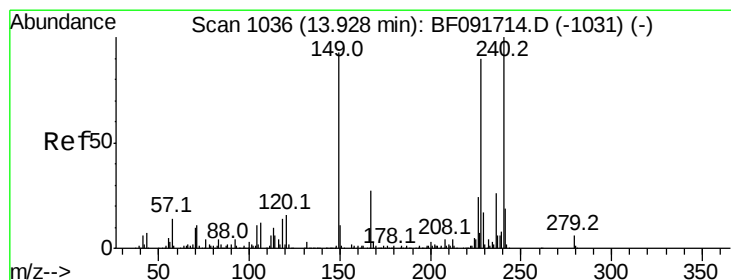
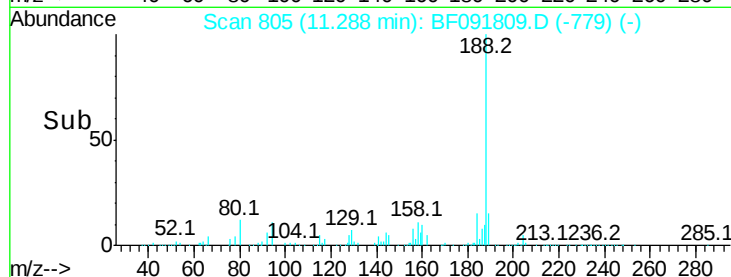
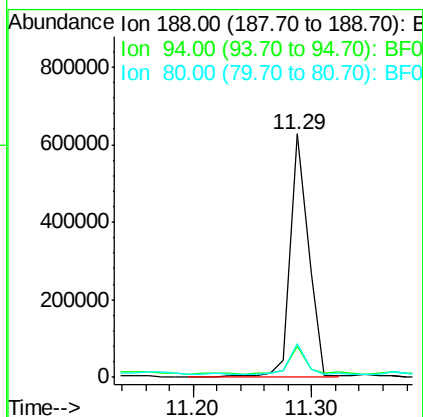
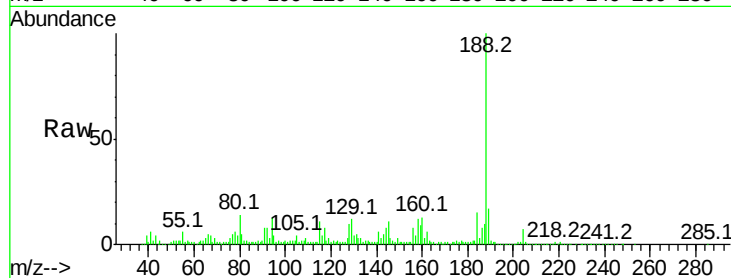




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

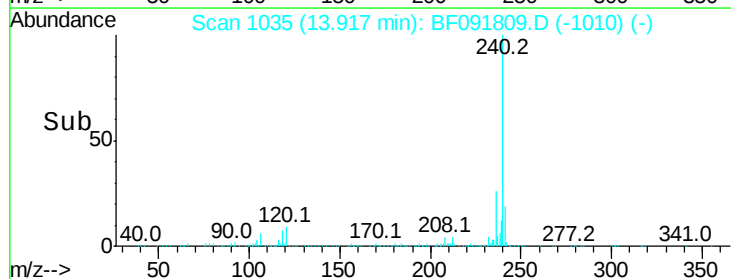
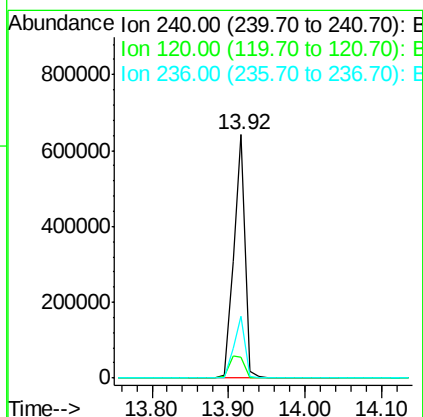
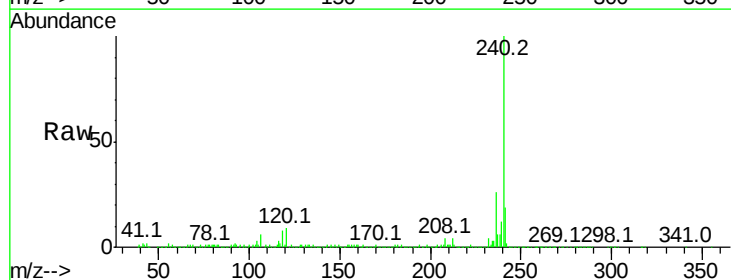
Instrument :
BNA_F
ClientSampleId :
MW-28

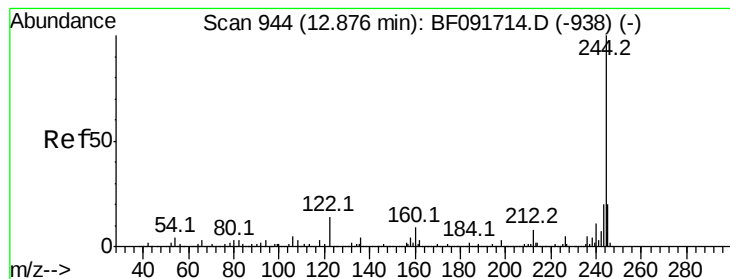
Tot Ion:188 Resp: 651835
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 14.1 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:240 Resp: 675847
Ion Ratio Lower Upper
240 100
120 8.8 12.9 19.3#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 76.03 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091809.D

Acq: 20 Dec 2016 10:14

Instrument :

BNA_F

ClientSampleId :

MW-28

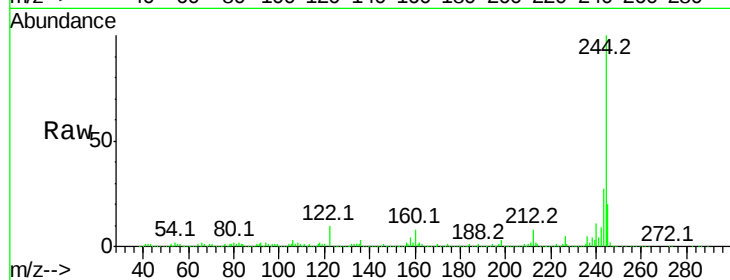
Tot Ion:244 Resp: 2035187

Ion Ratio Lower Upper

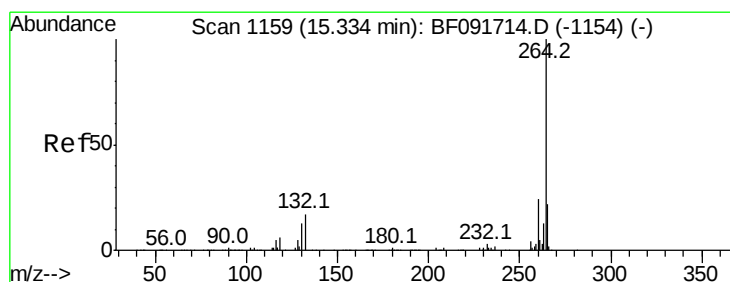
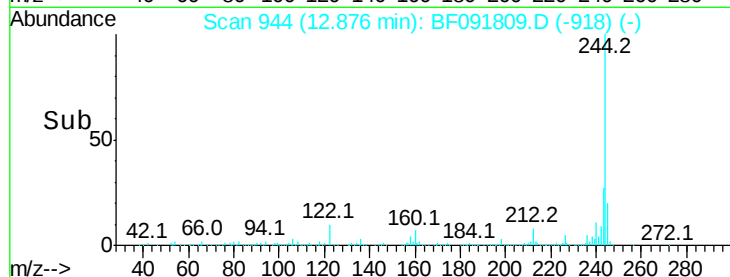
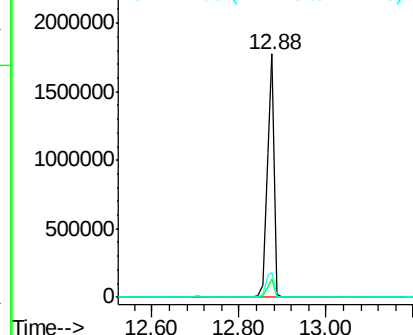
244 100

212 7.8 6.2 9.2

122 10.2 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

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF091809.D

Acq: 20 Dec 2016 10:14

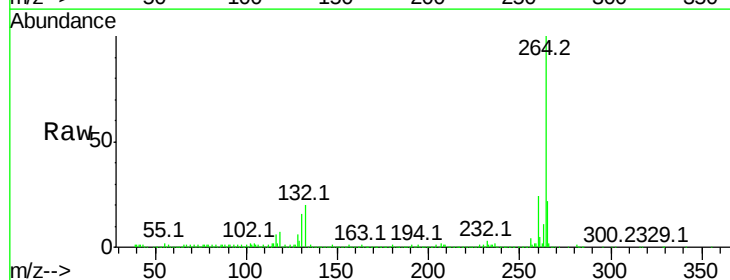
Tgt Ion:264 Resp: 529054

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

