

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091757.D
 Acq On : 19 Dec 2016 00:48
 Operator : UM/SJ
 Sample : H6091-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Dec 19 03:56:50 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	275225	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1176811	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	569409	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	985044	20.00	ng	0.00
75) Chrysene-d12	13.92	240	704865	20.00	ng	-0.01
86) Perylene-d12	15.32	264	559868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1287951	78.40	ng	0.00
7) Phenol-d6	6.41	99	935268	46.68	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1711173	83.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	723957	149.94	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3214424	113.41	ng	0.00
78) Terphenyl-d14	12.88	244	2409620	86.32	ng	0.00

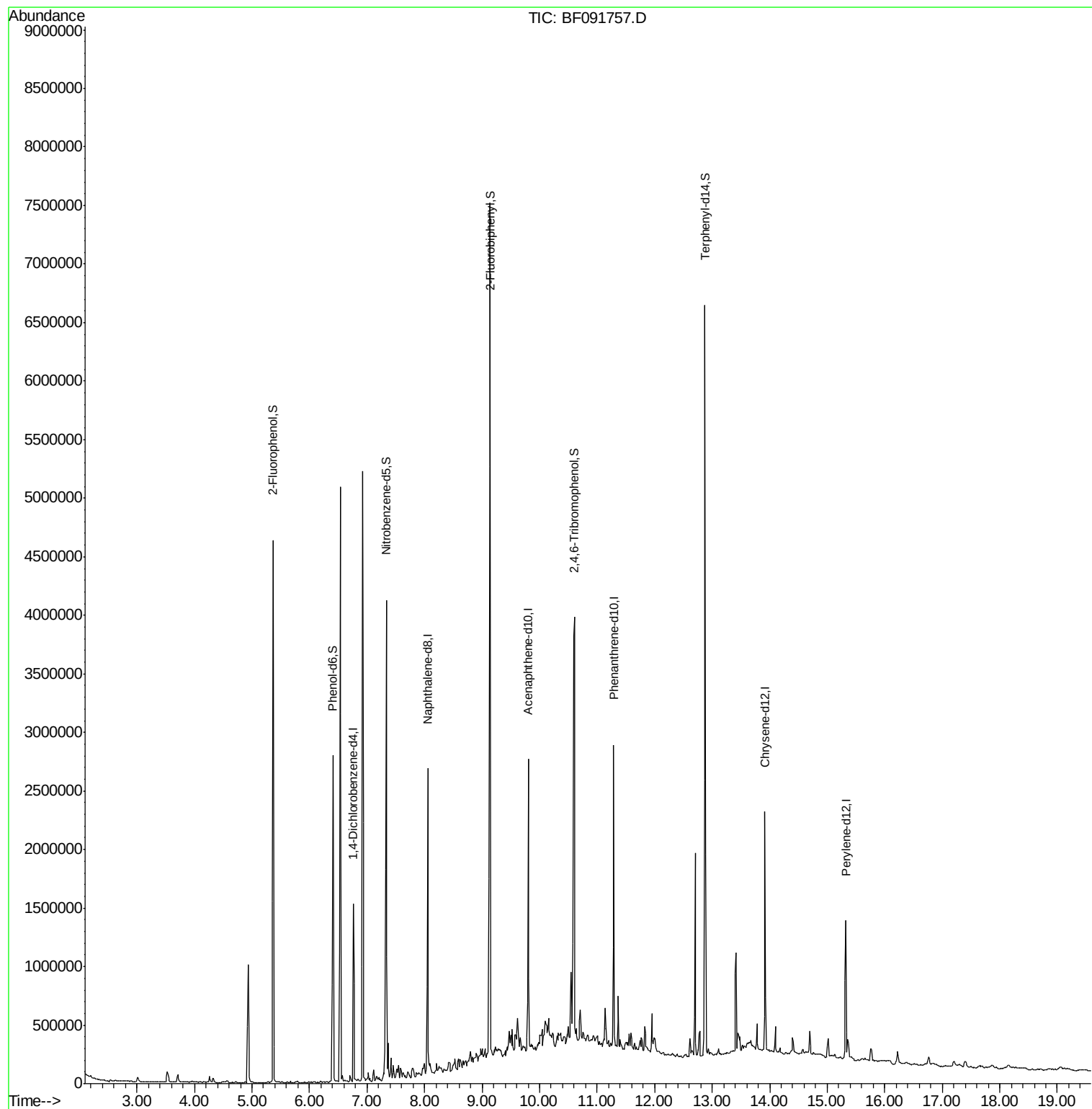
Target Compounds Qvalue

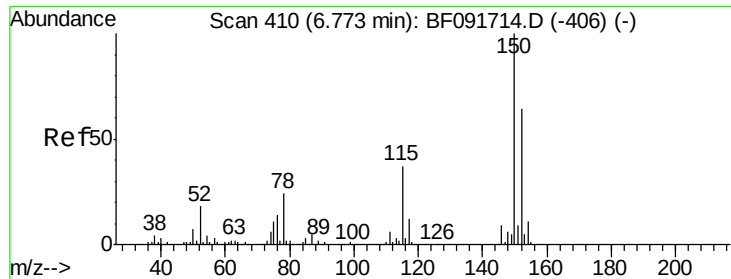
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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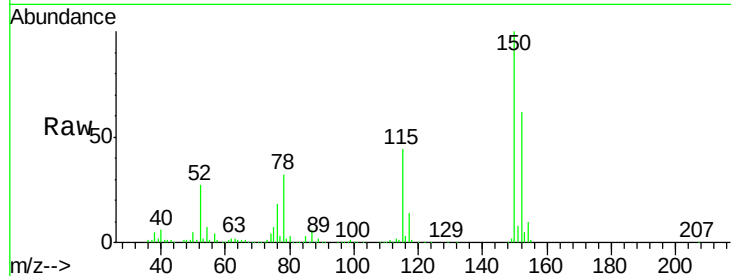


#1

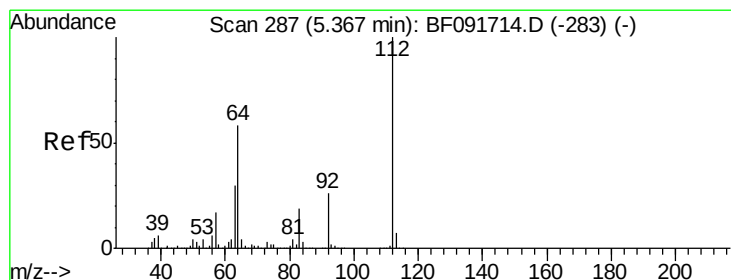
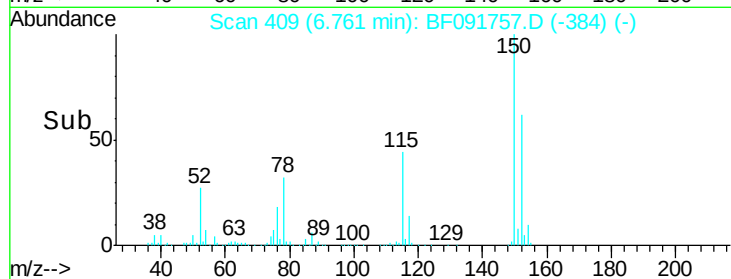
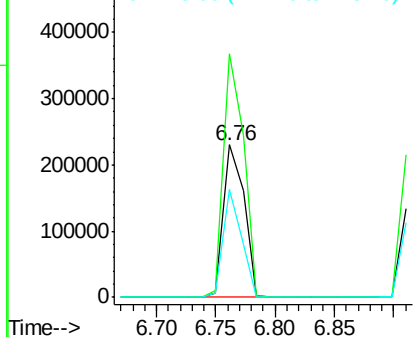
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091757.D
Acq: 19 Dec 2016 00:48

Instrument :
BNA_F
ClientSampleId :
MW-36

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.9	187.3
115	70.7	46.0	69.0



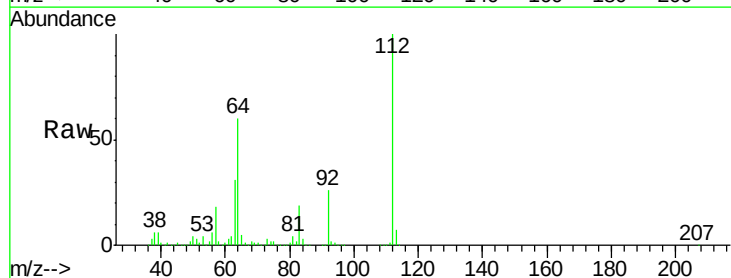
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



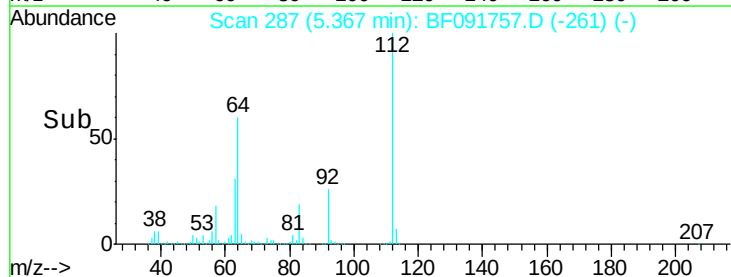
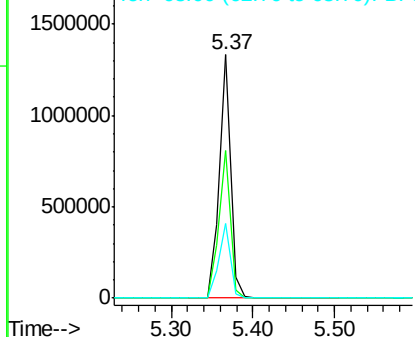
#5

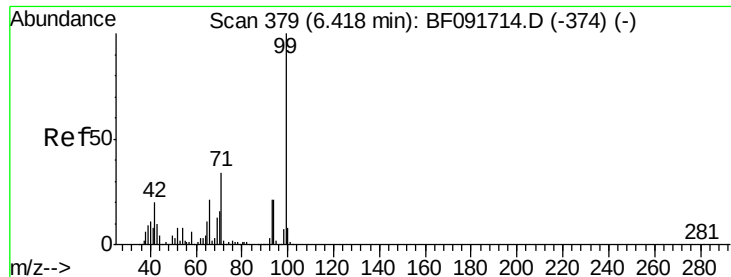
2-Fluorophenol
Concen: 78.40 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091757.D
Acq: 19 Dec 2016 00:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.1	69.1
63	30.9	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: 46.68 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091757.D

Acq: 19 Dec 2016 00:48

Instrument :

BNA_F

ClientSampled :

MW-36

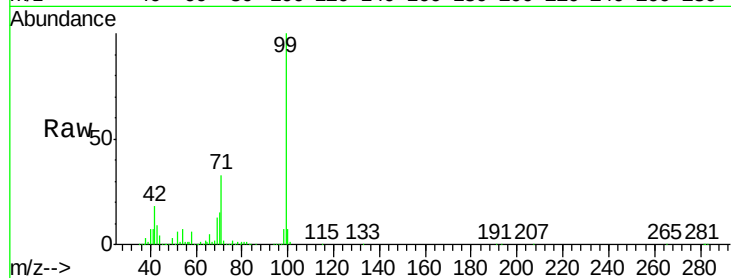
Tot Ion: 99 Resp: 935268

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

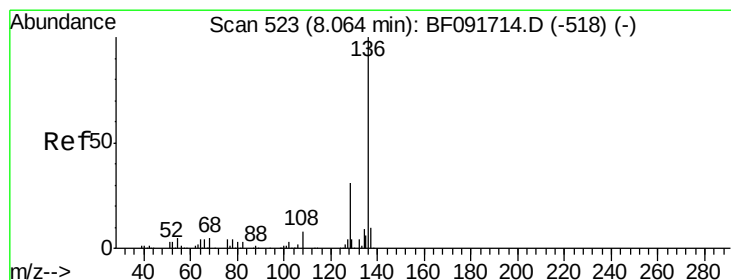
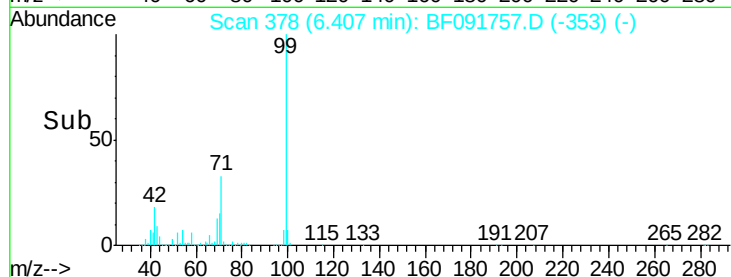
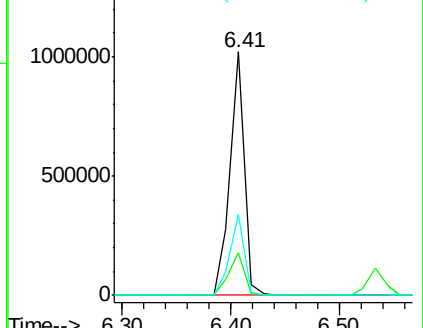
71 33.1 27.5 41.3



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: BF091757.D

Acq: 19 Dec 2016 00:48

Tgt Ion: 136 Resp: 1176811

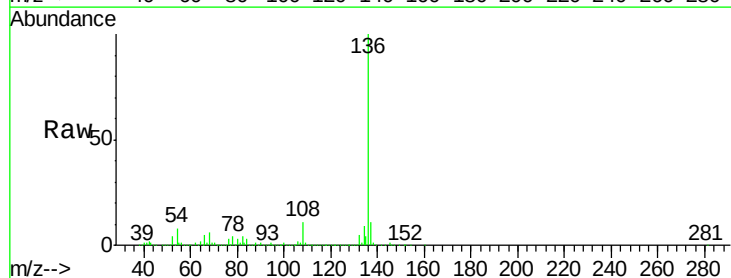
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 7.8 4.5 6.7#

68 6.3 3.6 5.4#

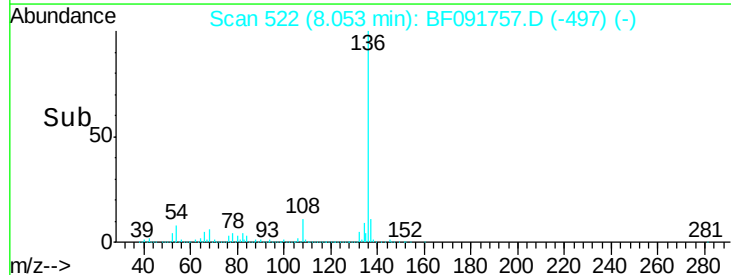
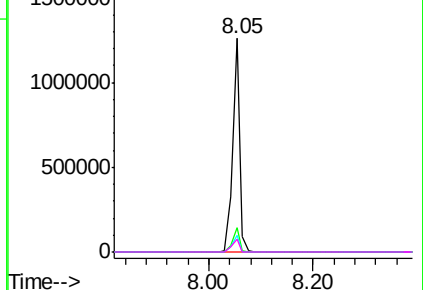


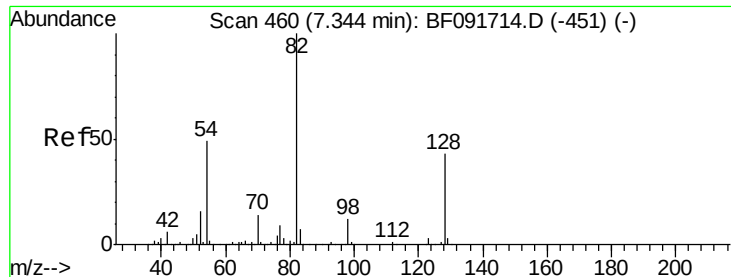
Abundance Ion 136.00 (135.70 to 136.70): E

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



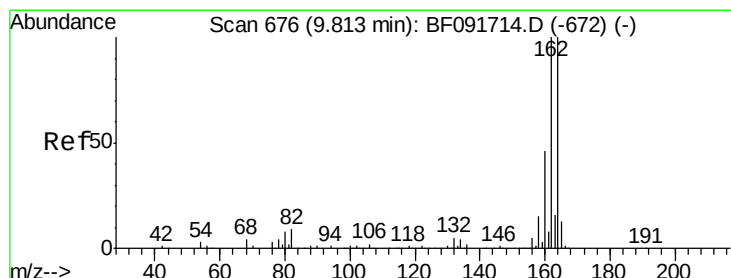
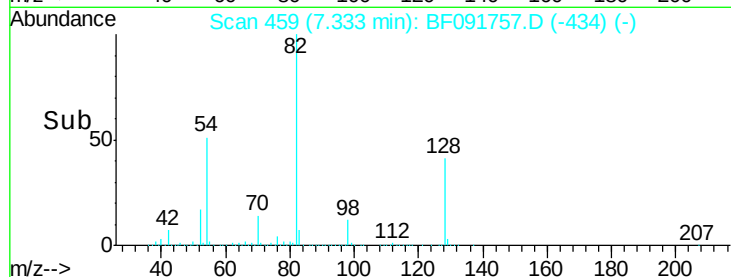
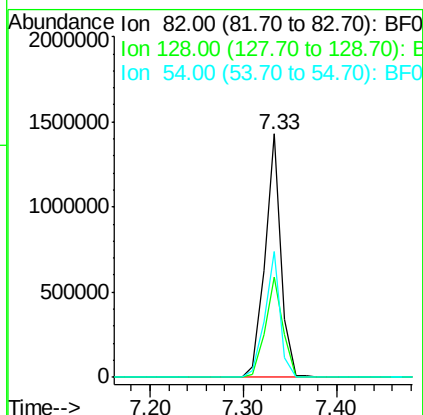
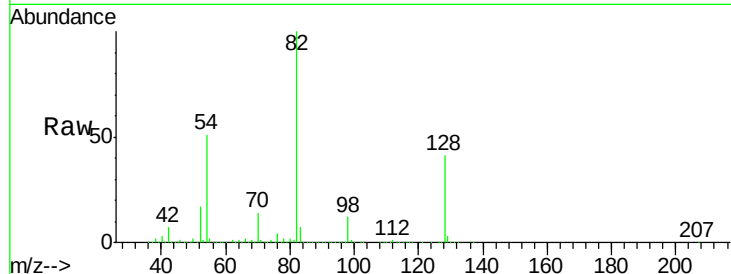


#23
 Nitrobenzene-d5
 Concen: 83.85 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091757.D
 Acq: 19 Dec 2016 00:48

Instrument :
 BNA_F
 ClientSampled :
 MW-36

Tot Ion: 82 Resp: 1711173

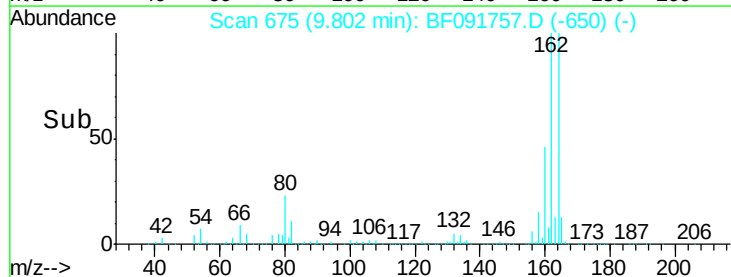
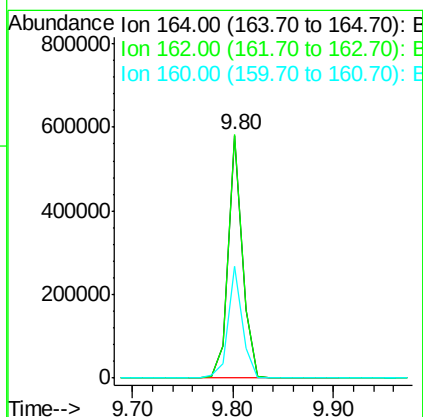
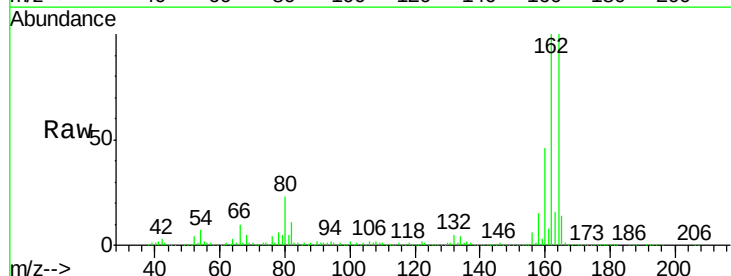
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	51.5	39.5	59.3

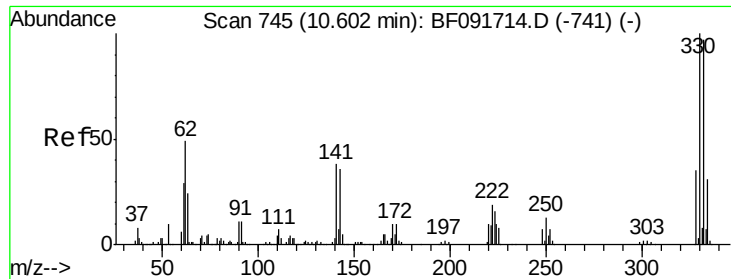


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091757.D
 Acq: 19 Dec 2016 00:48

Tgt Ion: 164 Resp: 569409

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	46.1	36.9	55.3

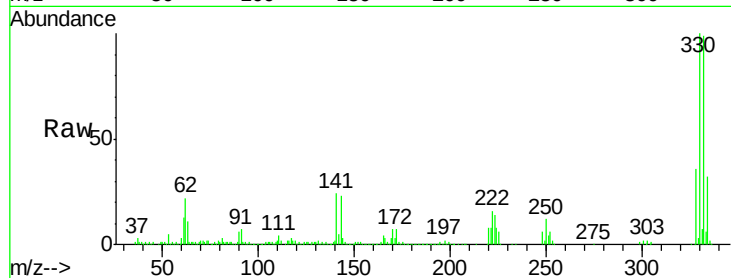




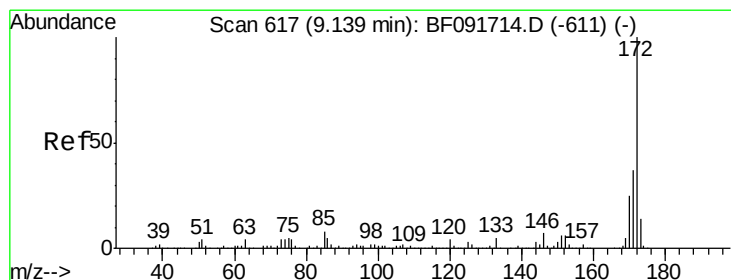
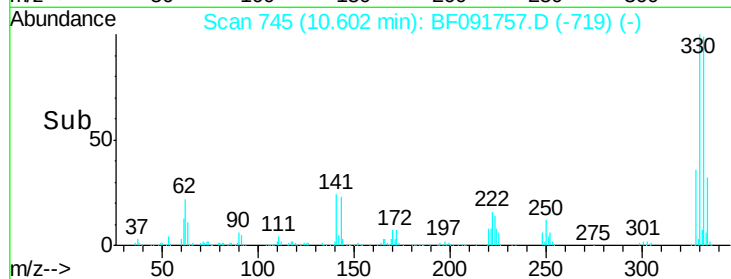
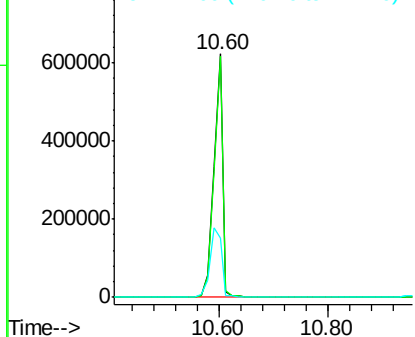
#41
 2,4,6-Tribromophenol
 Concen: 149.94 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091757.D
 Acq: 19 Dec 2016 00:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	36.1	34.1	51.1

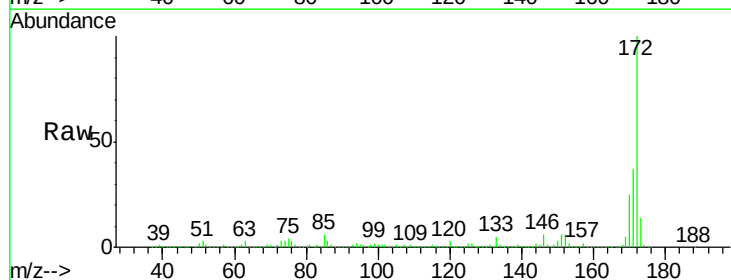


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

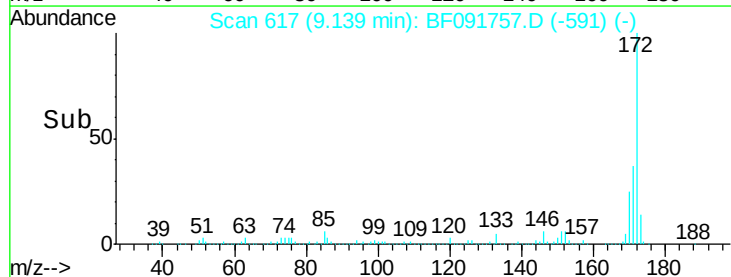
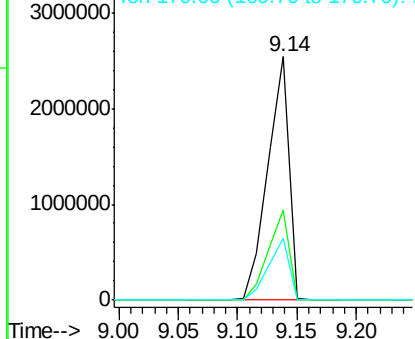


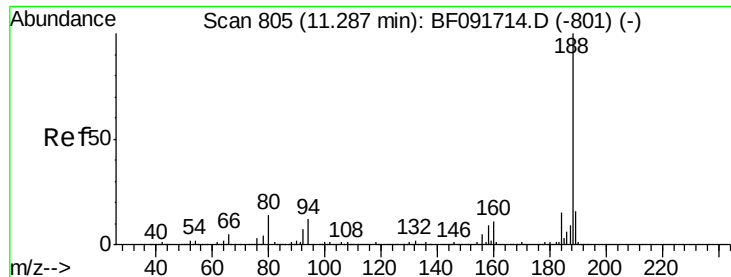
#44
 2-Fluorobiphenyl
 Concen: 113.41 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091757.D
 Acq: 19 Dec 2016 00:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.5	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: BF091757.D

Acq: 19 Dec 2016 00:48

Instrument :

BNA_F

ClientSampleId :

MW-36

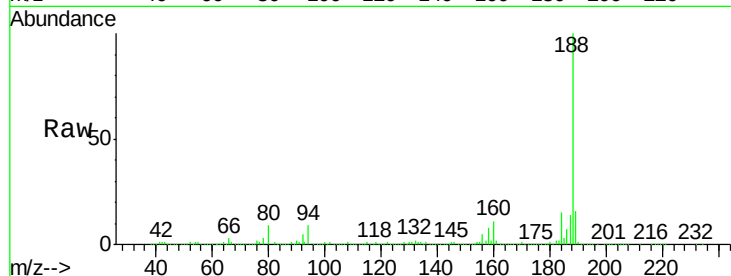
Tot Ion:188 Resp: 985044

Ion Ratio Lower Upper

188 100

94 8.8 10.0 15.0#

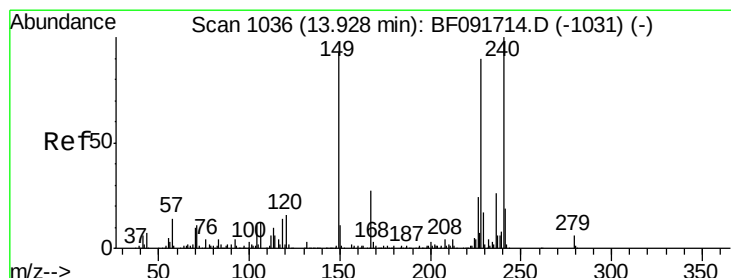
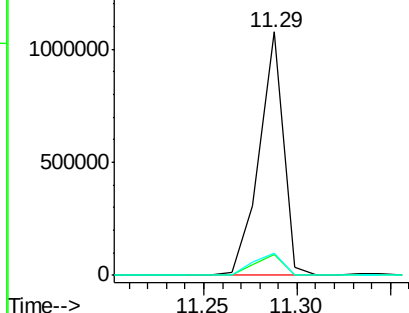
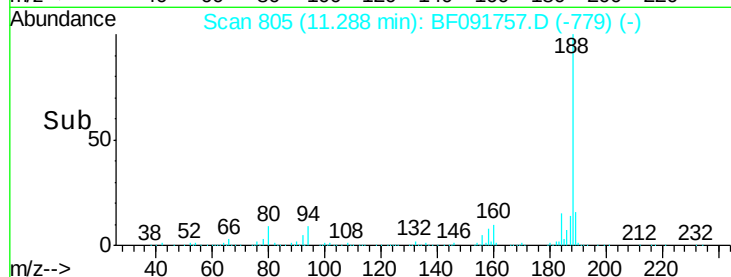
80 9.1 11.2 16.8#



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091757.D

Acq: 19 Dec 2016 00:48

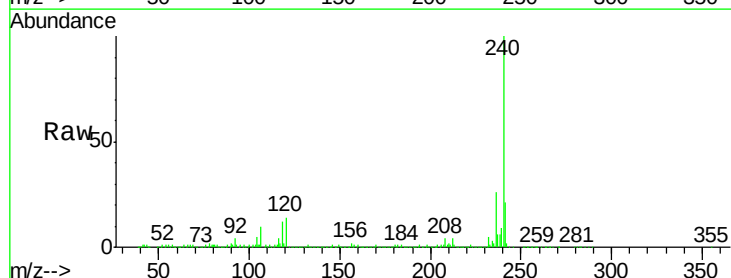
Tgt Ion:240 Resp: 704865

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

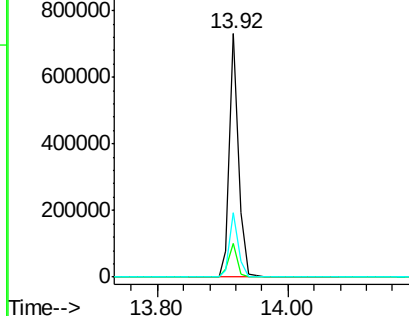
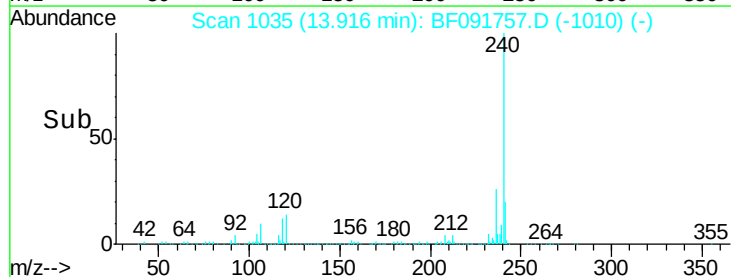
236 26.5 20.9 31.3

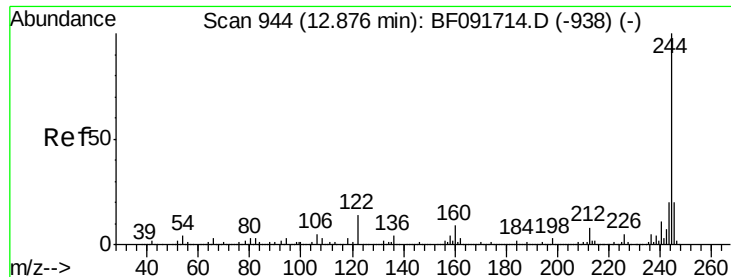


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

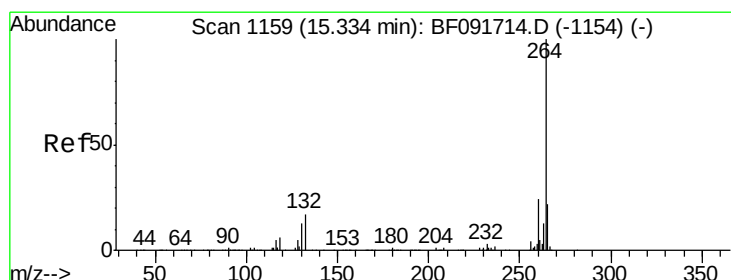
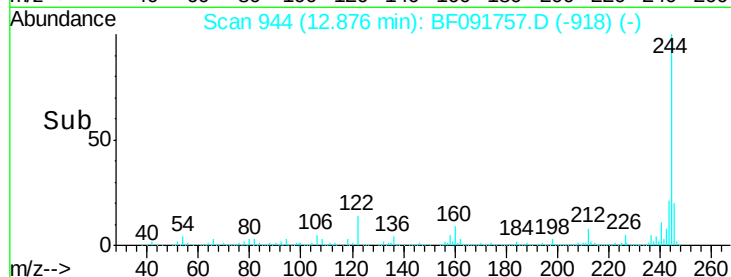
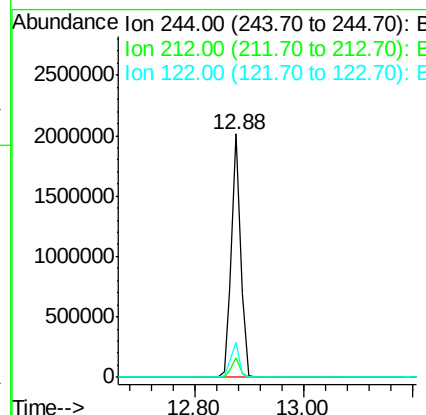
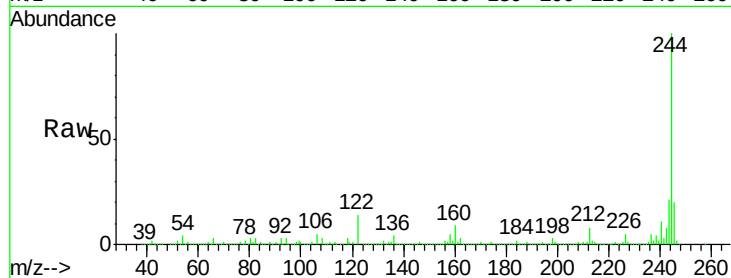




#78
 Terphenyl-d14
 Concen: 86.32 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091757.D
 Acq: 19 Dec 2016 00:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tot Ion:244 Resp: 2409620
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091757.D
 Acq: 19 Dec 2016 00:48

Tgt Ion:264 Resp: 559868
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 17.4 26.0

