

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091701.D
 Acq On : 17 Dec 2016 5:30
 Operator : UM/SJ
 Sample : H6090-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Dec 17 23:21:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	238732	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	928927	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418334	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	536959	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	494306	20.00	ng	-0.01
86) Perylene-d12	15.32	264	370737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	346046	24.42	ng	-0.01
7) Phenol-d6	6.41	99	426000	24.11	ng	-0.02
23) Nitrobenzene-d5	7.33	82	887448	53.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	251092	72.26	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1430380	59.08	ng	-0.01
78) Terphenyl-d14	12.88	244	869930	39.94	ng	-0.02

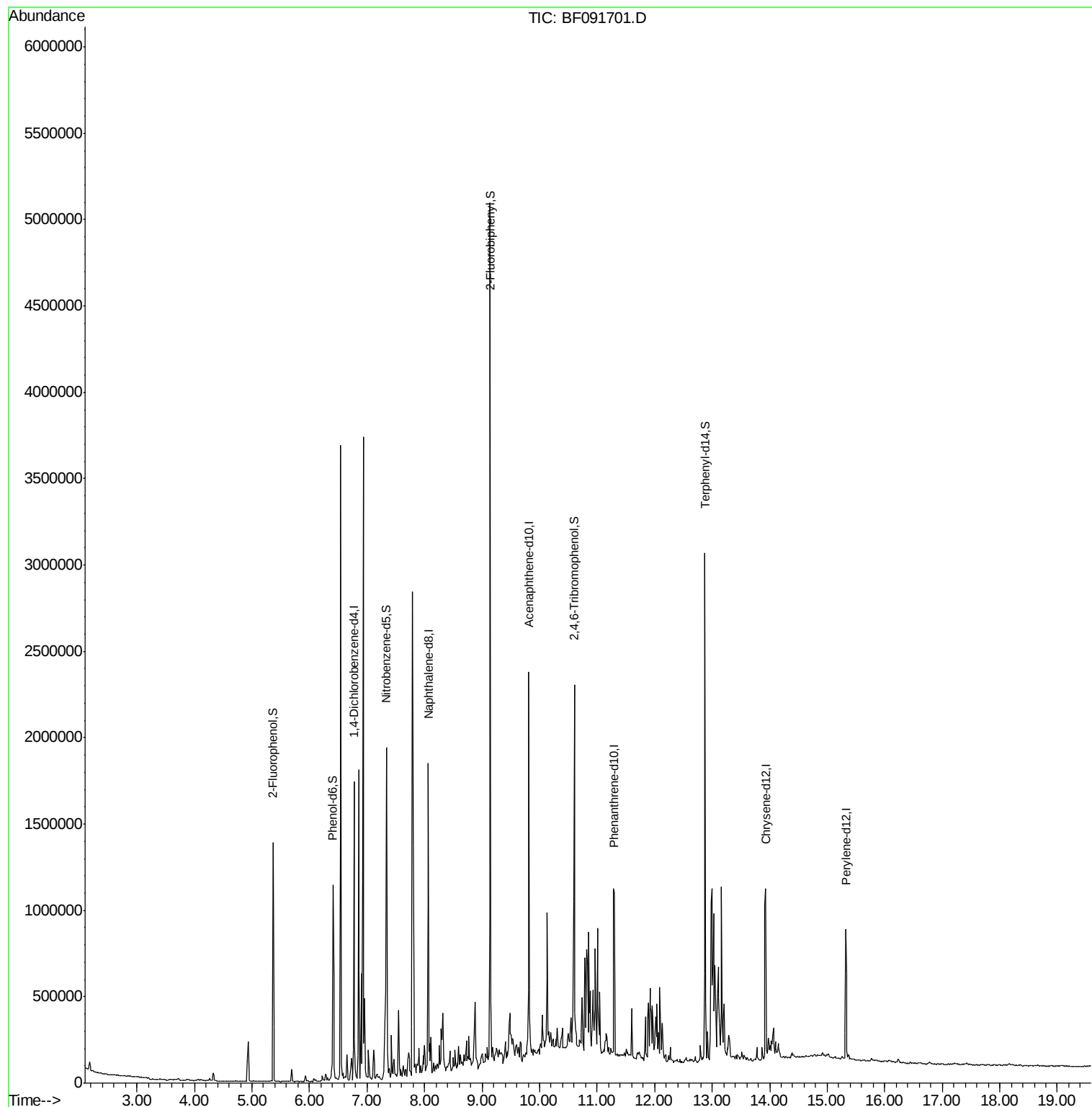
Target Compounds Qvalue

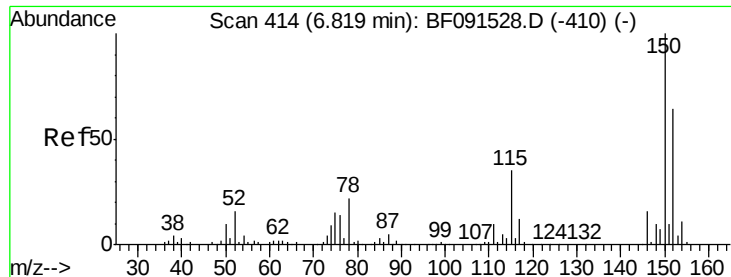
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Time: Dec 17 23:21:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampleId :

MW-20

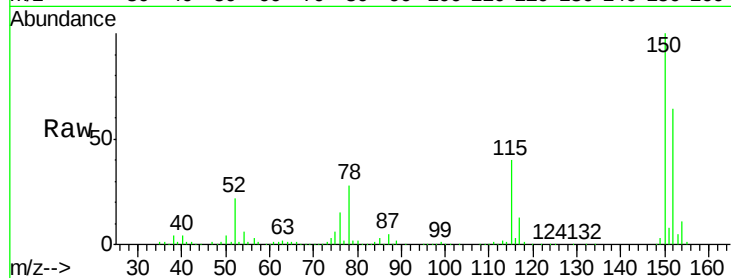
Tot Ion:152 Resp: 238732

Ion Ratio Lower Upper

152 100

150 156.9 122.5 183.7

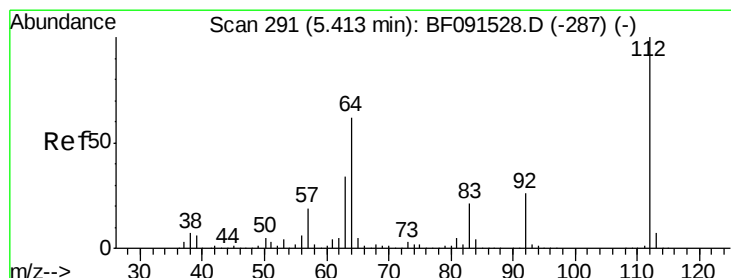
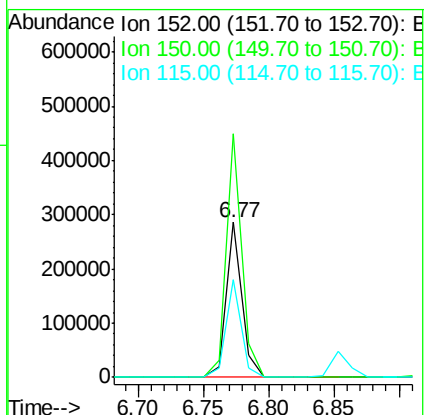
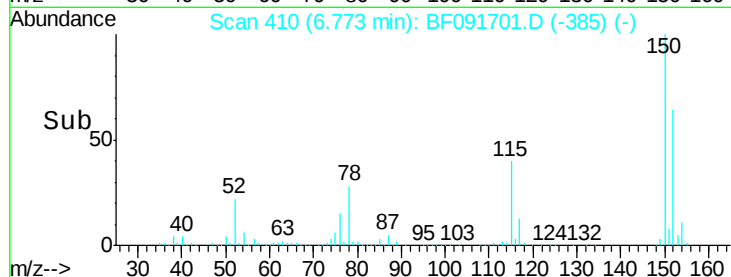
115 62.8 51.8 77.8



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: 24.42 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

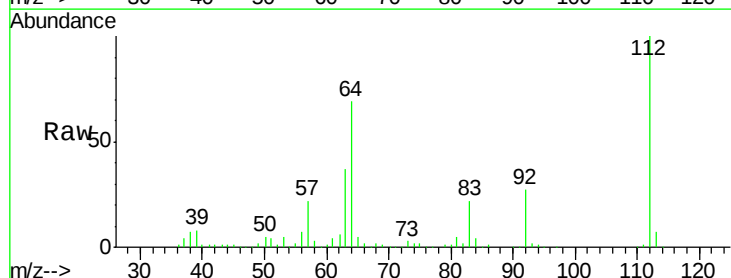
Tgt Ion:112 Resp: 346046

Ion Ratio Lower Upper

112 100

64 69.1 61.5 92.3

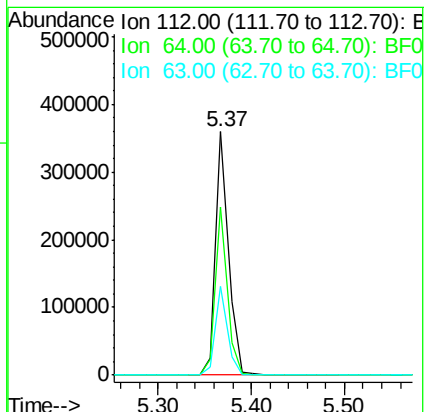
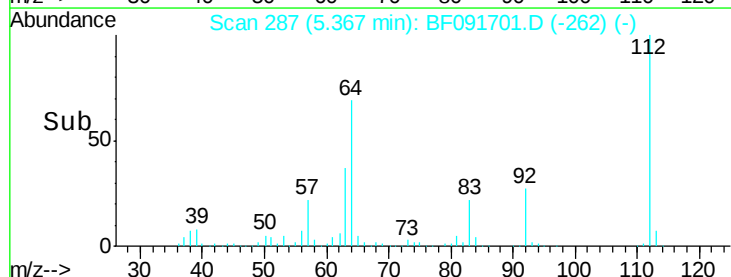
63 36.7 33.3 49.9



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: 24.11 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampleId :

MW-20

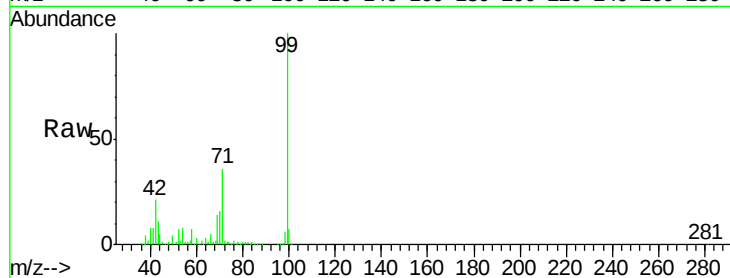
Tot Ion: 99 Resp: 426000

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

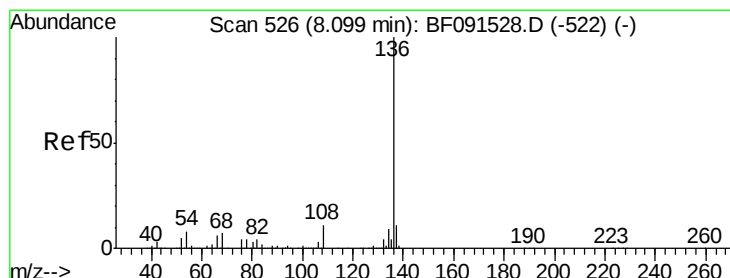
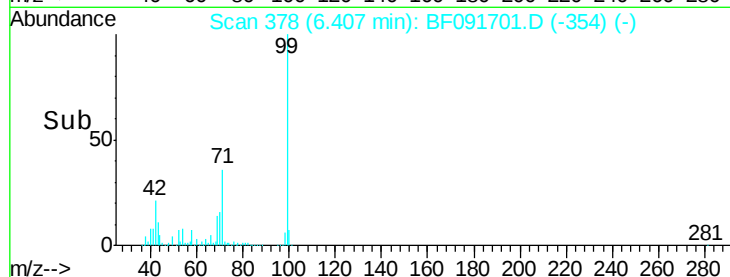
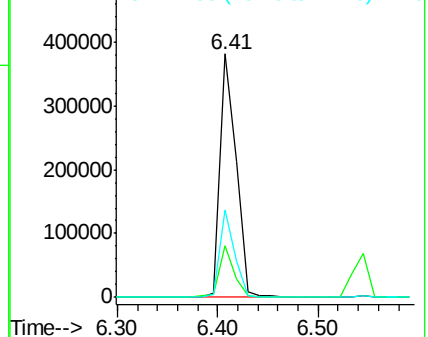
71 35.9 29.9 44.9



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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Tgt Ion: 136 Resp: 928927

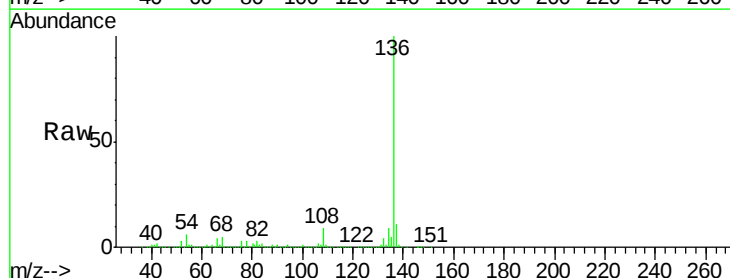
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 9.1 13.7#

68 5.0 5.9 8.9#

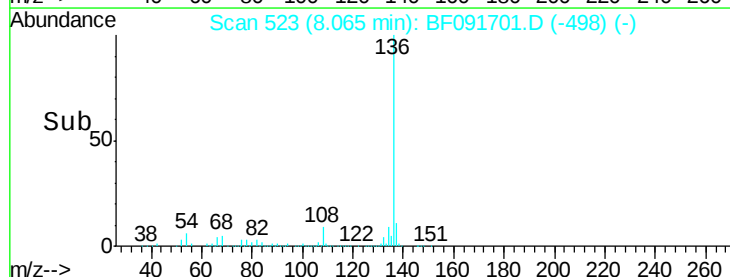
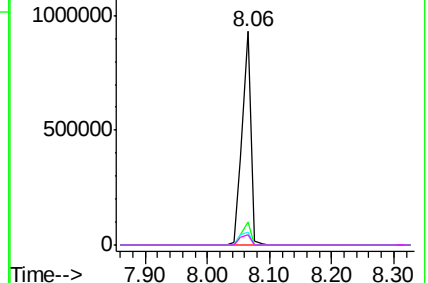


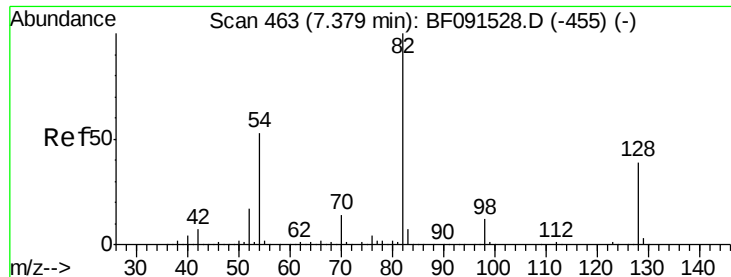
Abundance Ion 136.00 (135.70 to 136.70): E

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

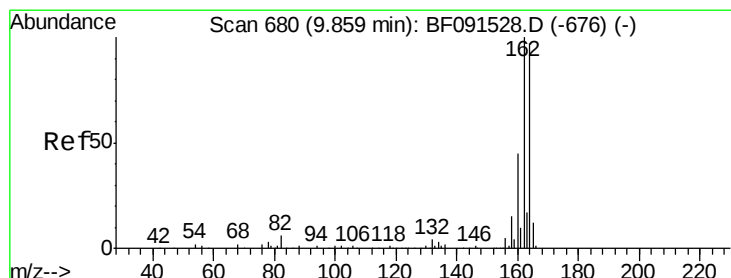
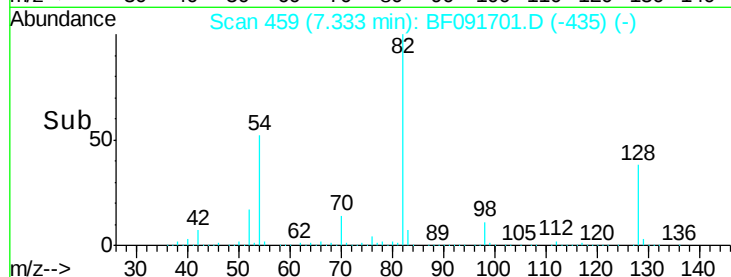
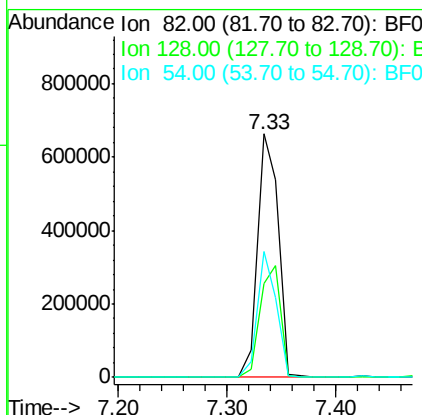
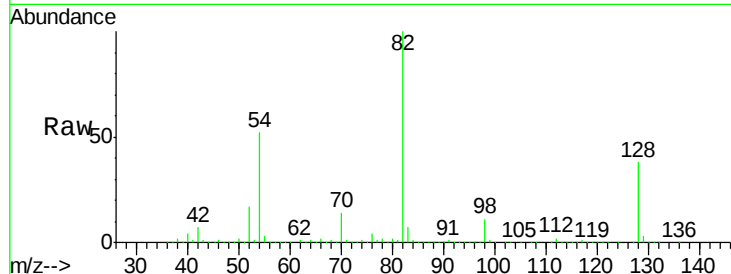




#23
Nitrobenzene-d5
Concen: 53.32 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

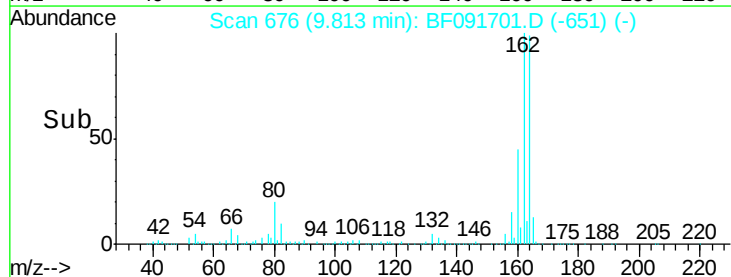
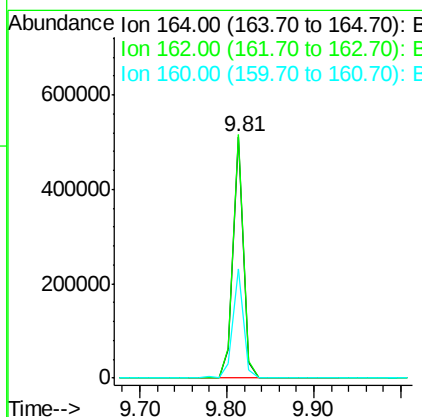
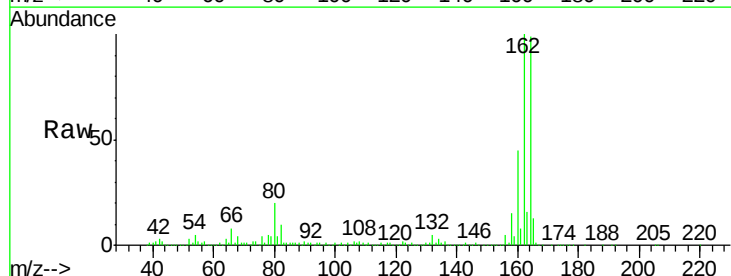
Instrument :
BNA_F
ClientSampled :
MW-20

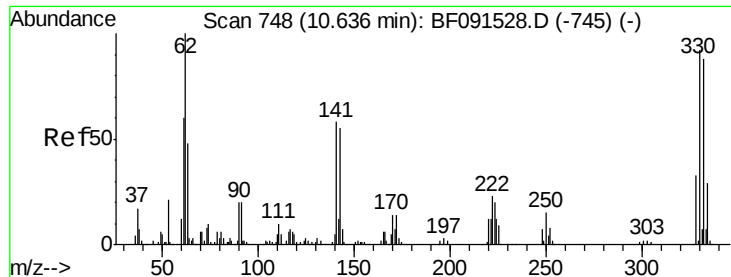
Tot Ion: 82 Resp: 887448
Ion Ratio Lower Upper
82 100
128 38.4 31.8 47.6
54 51.8 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:164 Resp: 418334
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 45.6 36.7 55.1

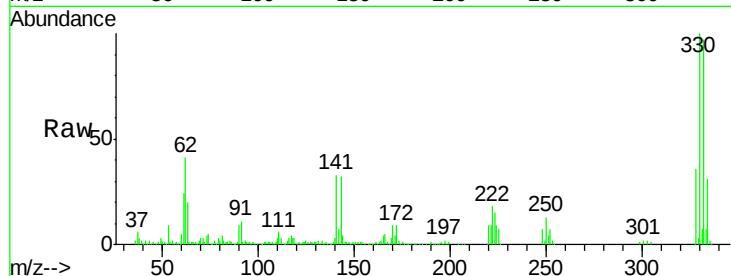




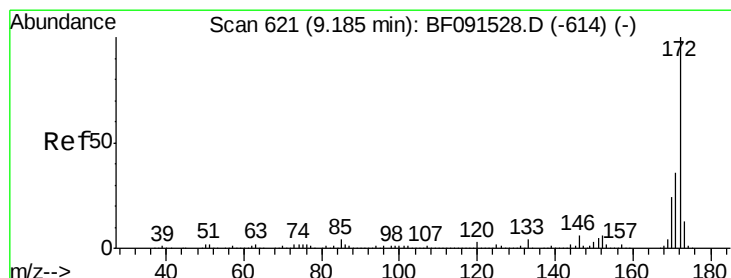
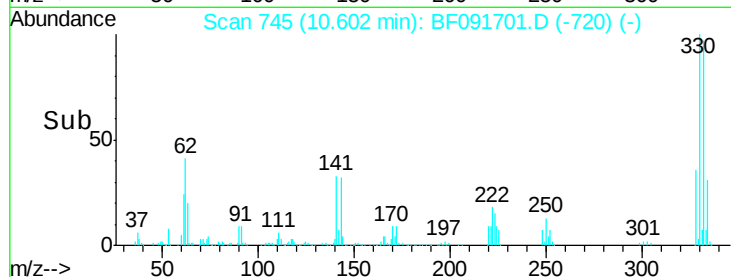
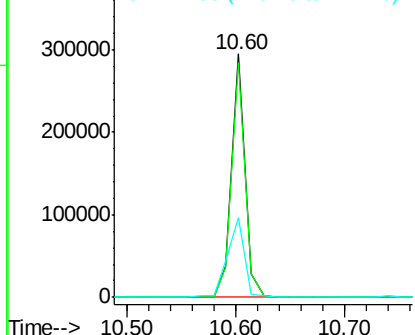
#41
 2,4,6-Tribromophenol
 Concen: 72.26 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	39.3	33.6	50.4

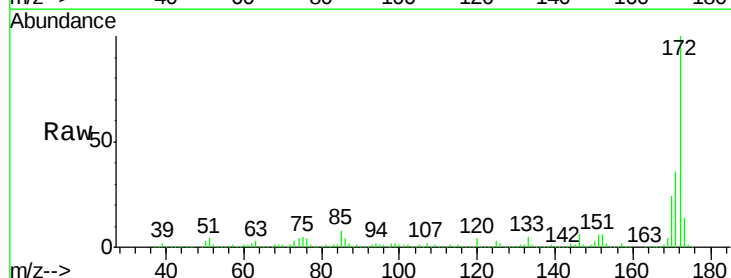


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

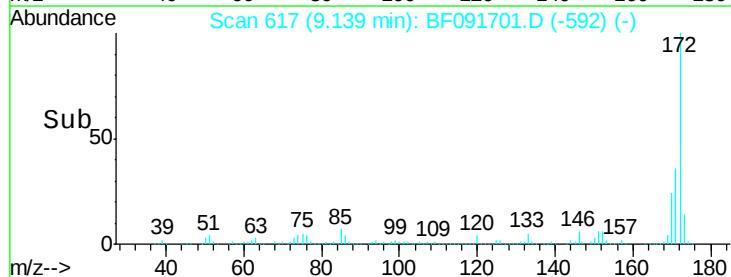
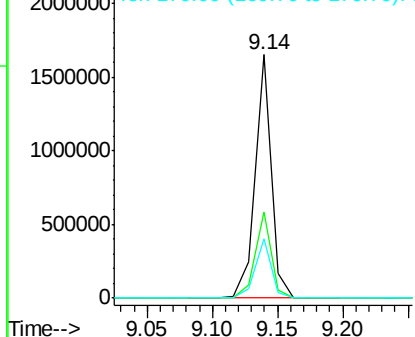


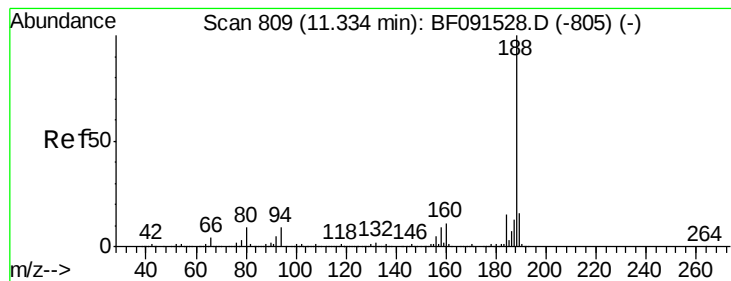
#44
 2-Fluorobiphenyl
 Concen: 59.08 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	19.7	29.5



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: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampled :

MW-20

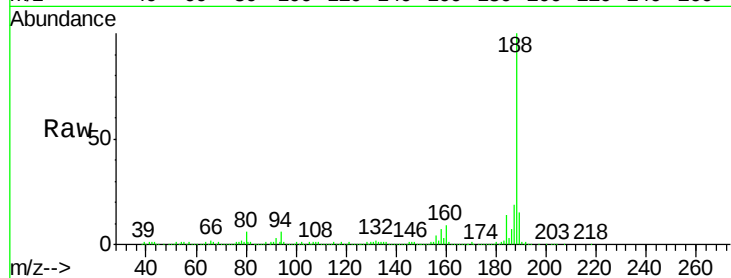
Tot Ion:188 Resp: 536959

Ion Ratio Lower Upper

188 100

94 6.3 9.2 13.8#

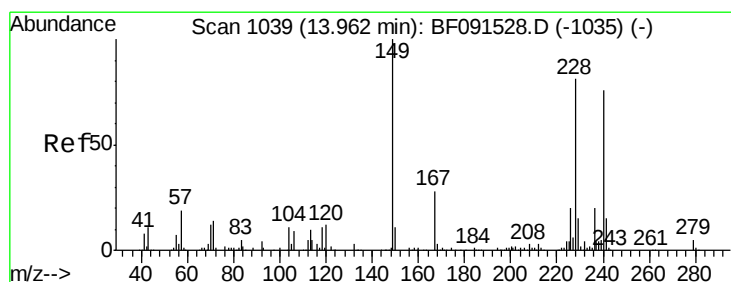
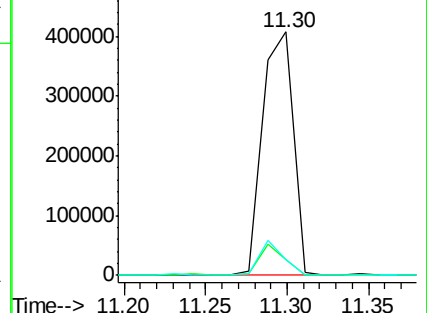
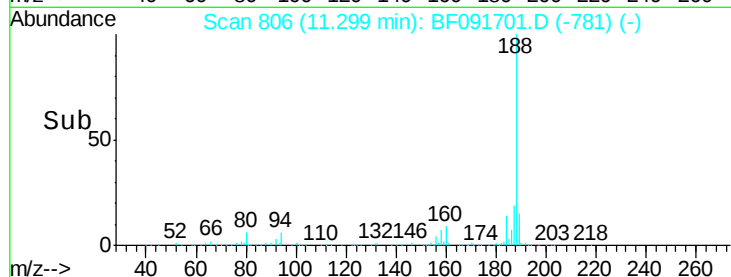
80 6.3 10.5 15.7#



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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

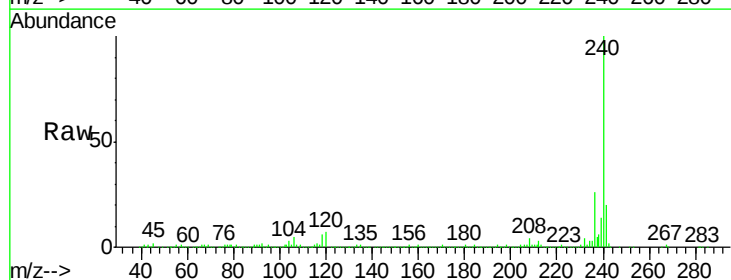
Tgt Ion:240 Resp: 494306

Ion Ratio Lower Upper

240 100

120 7.3 12.1 18.1#

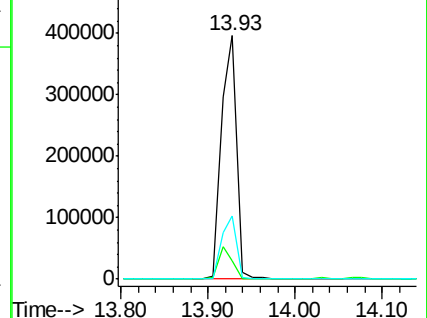
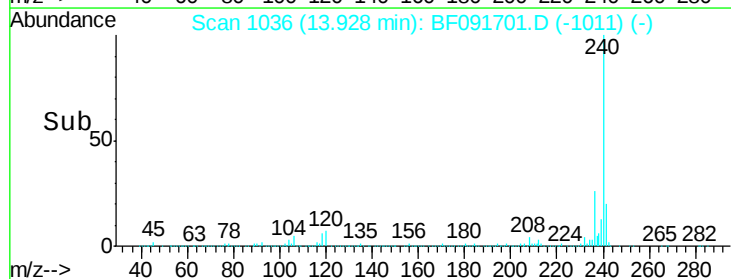
236 26.1 21.0 31.6

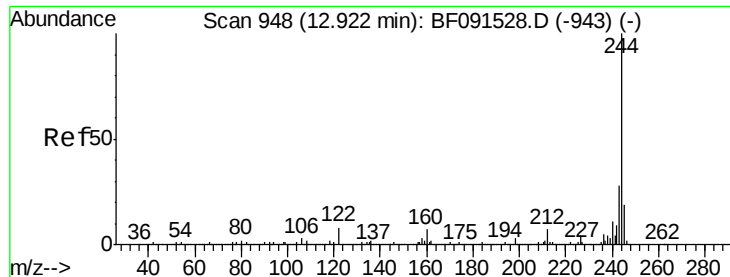


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

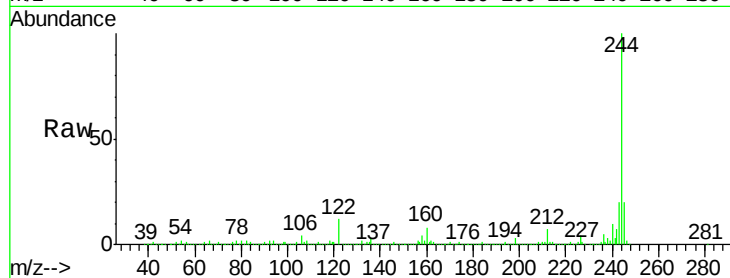




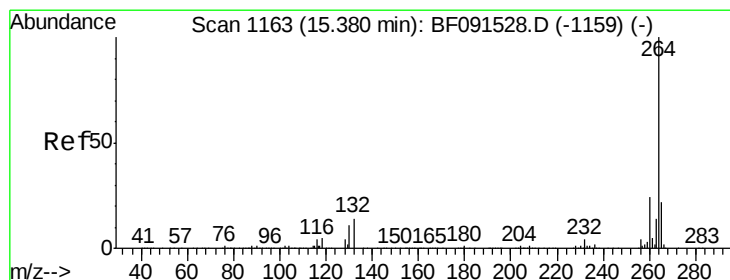
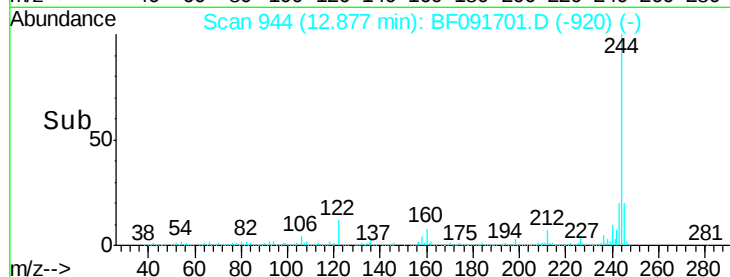
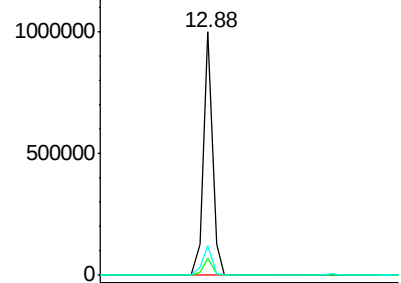
#78
 Terphenyl-d14
 Concen: 39.94 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:244 Resp: 869930
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 12.1 9.5 14.3

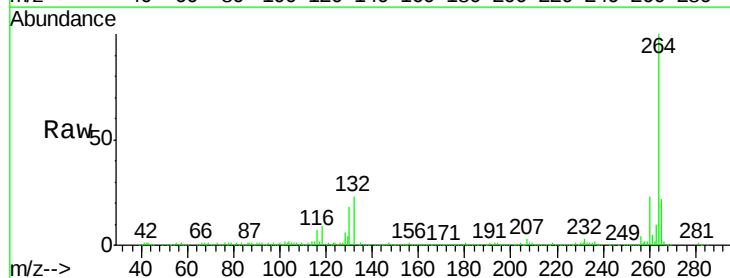


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Tgt Ion:264 Resp: 370737
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 22.0 17.0 25.6



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

