

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084051.D
 Acq On : 23 Dec 2015 23:33
 Operator : UM/SJ
 Sample : G4907-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Dec 24 02:34:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47508	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	180338	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	87225	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	135231	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	85139	20.00	ng	-0.01
86) Perylene-d12	15.41	264	83360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	126914	45.55	ng	0.00
7) Phenol-d6	6.46	99	108820	33.22	ng	-0.01
23) Nitrobenzene-d5	7.38	82	197675	67.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	58344	69.54	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	475700	73.40	ng	-0.01
78) Terphenyl-d14	12.92	244	270927	75.89	ng	-0.01

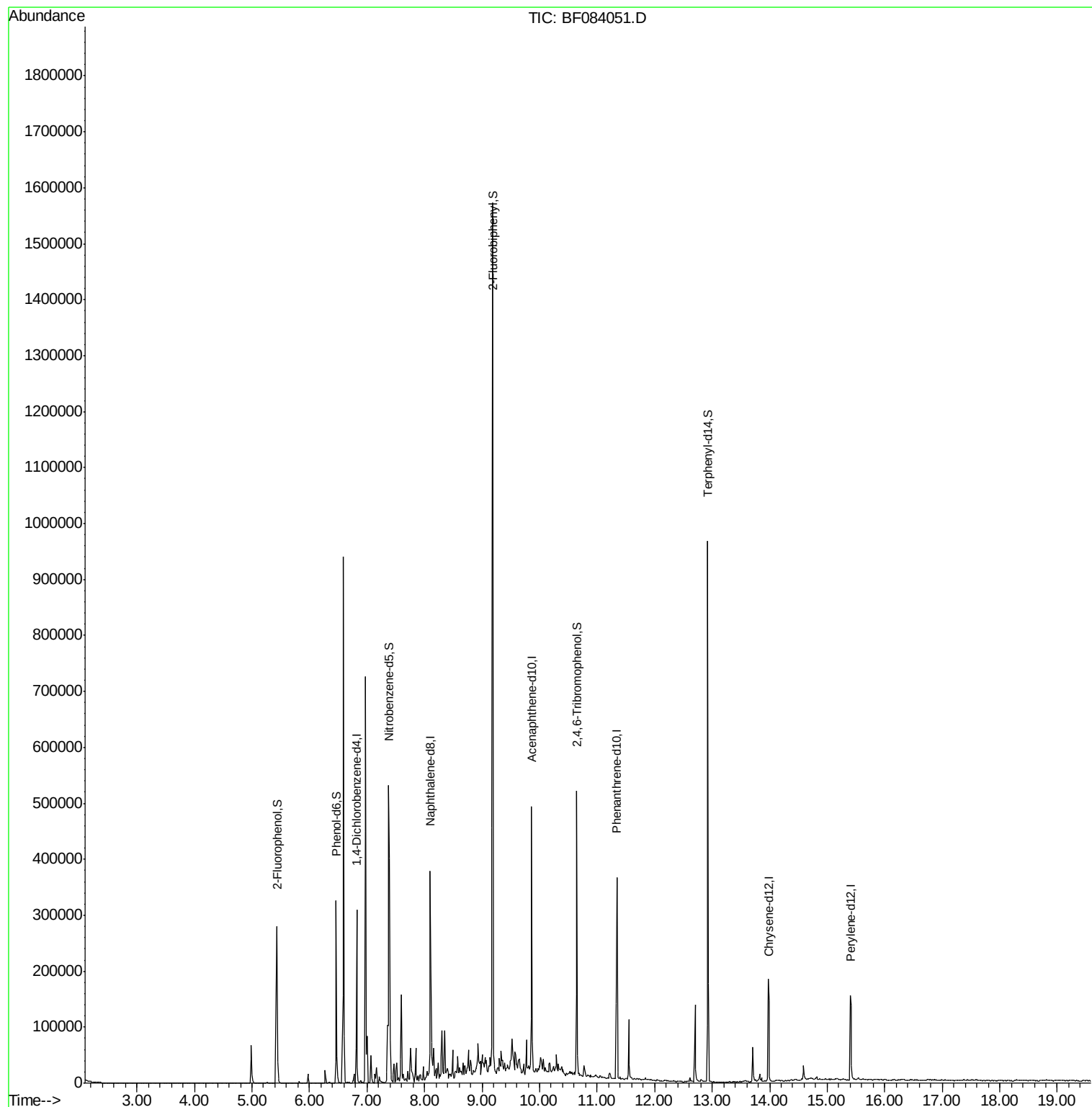
Target Compounds Qvalue

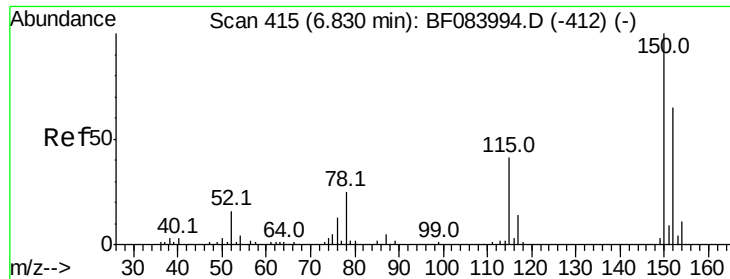
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Time: Dec 24 02:34:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



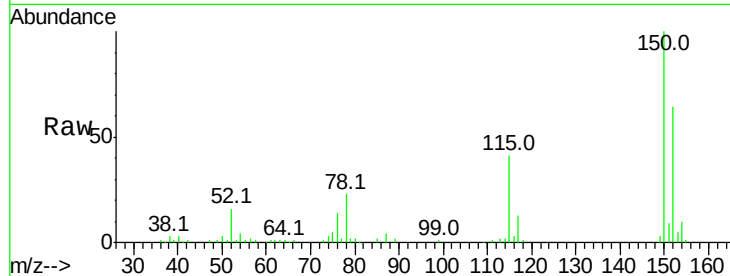


#1

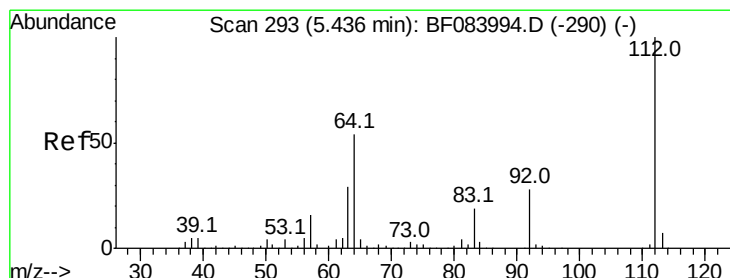
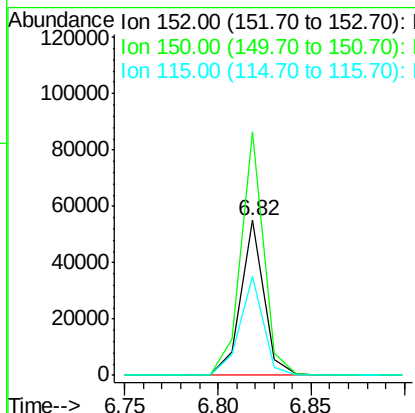
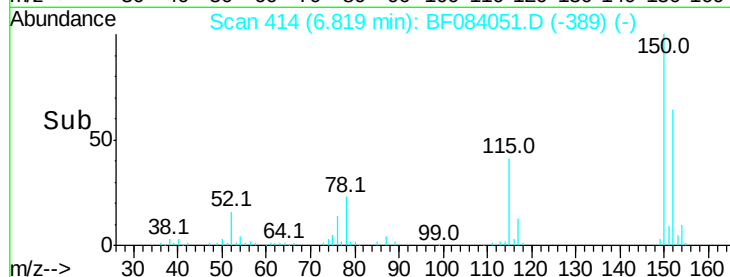
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:152 Resp: 47508
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.0 184.4
 115 63.7 51.4 77.2



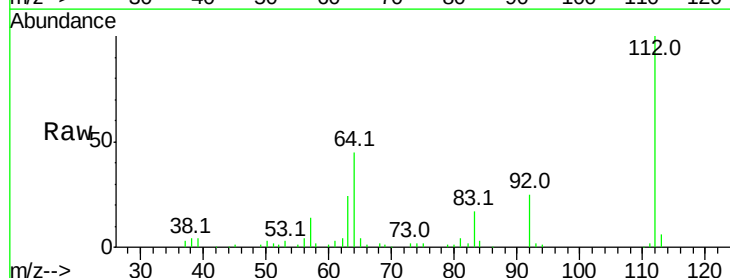
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



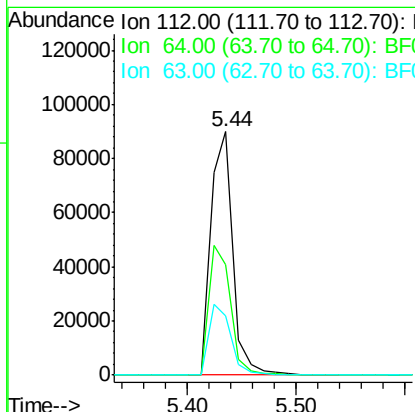
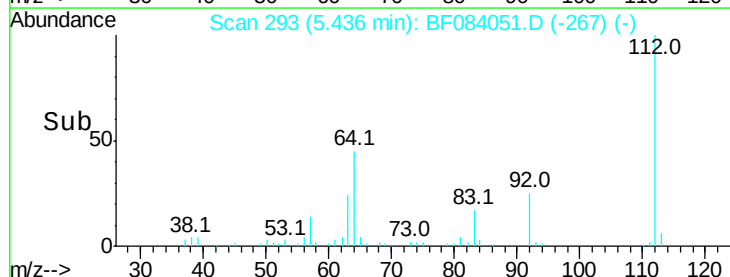
#5

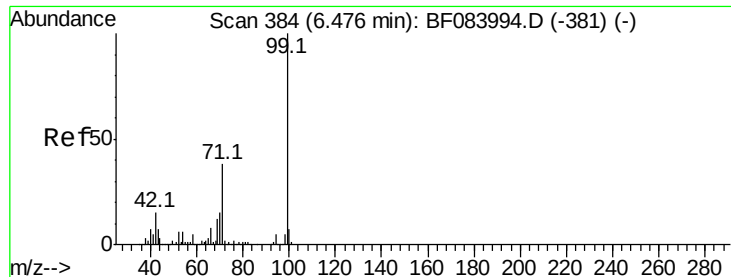
2-Fluorophenol
 Concen: 45.55 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Tgt Ion:112 Resp: 126914
 Ion Ratio Lower Upper
 112 100
 64 45.3 36.6 55.0
 63 24.2 19.4 29.0



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: 33.22 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-16

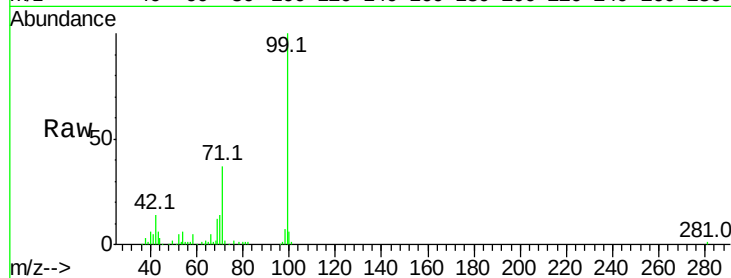
Tot Ion: 99 Resp: 108820

Ion Ratio Lower Upper

99 100

42 13.7 12.8 19.2

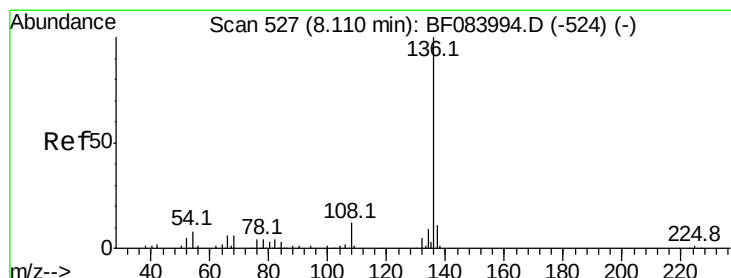
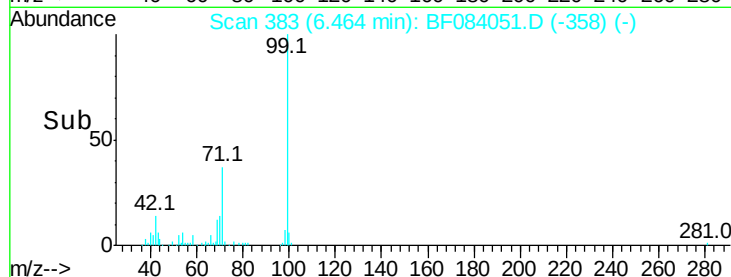
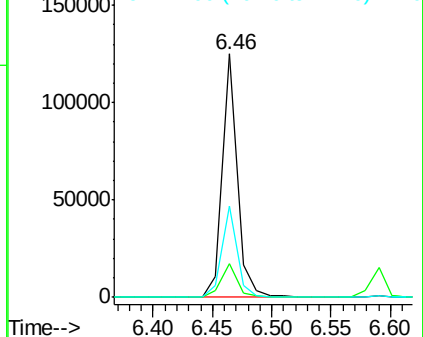
71 37.2 30.9 46.3



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

Tgt Ion: 136 Resp: 180338

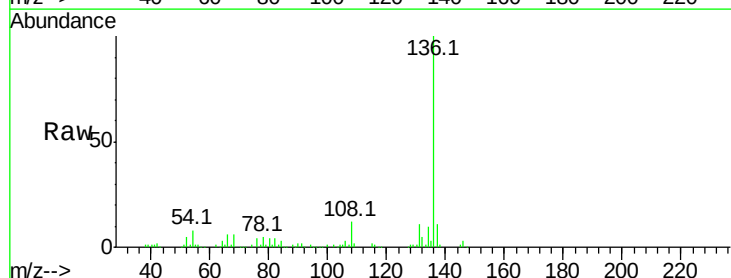
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.5 5.8 8.8

68 5.6 4.2 6.2

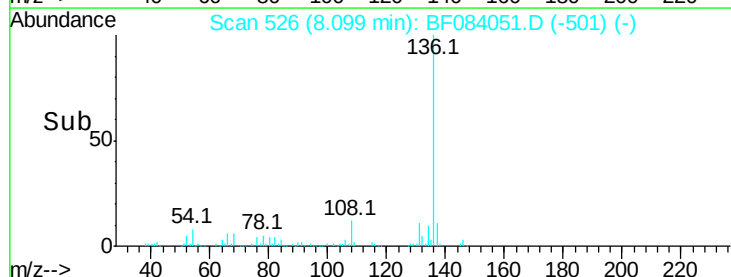
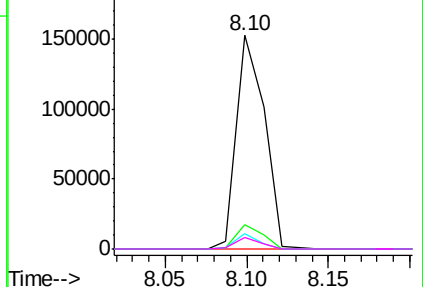


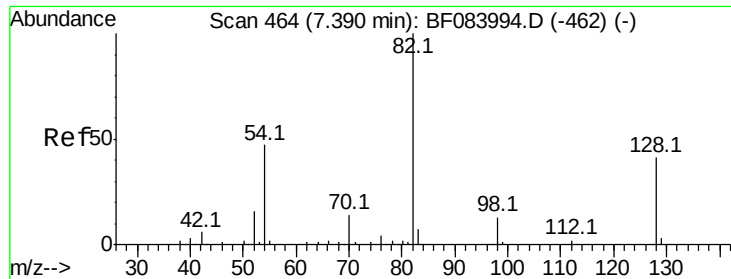
Abundance Ion 136.00 (135.70 to 136.70): E

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

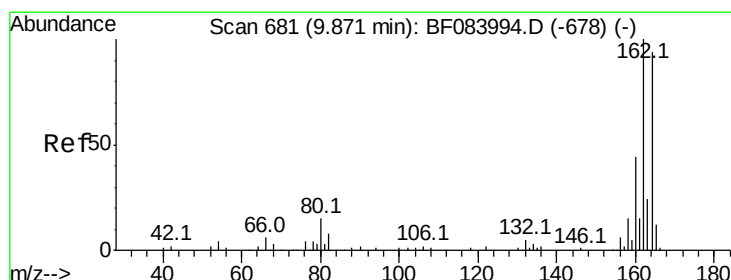
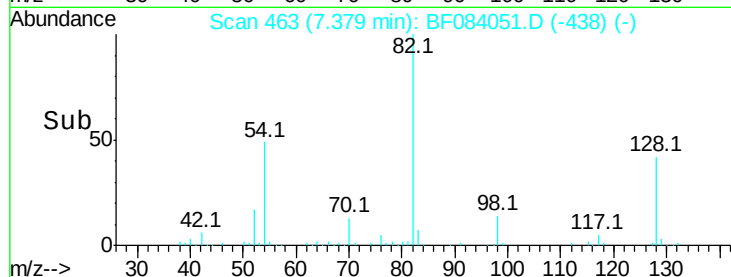
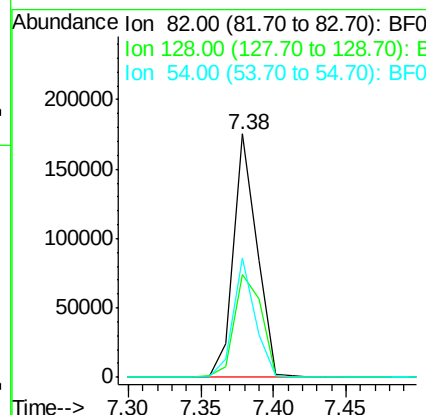
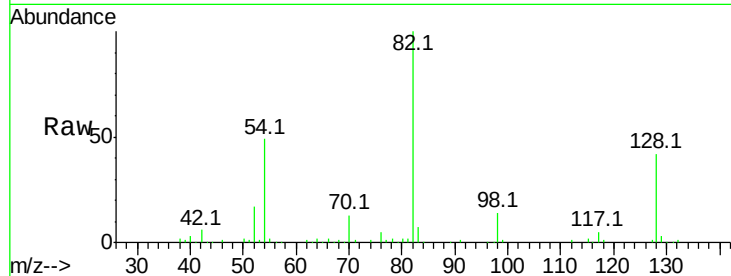




#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

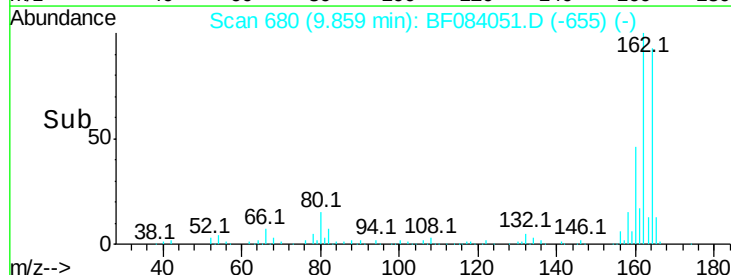
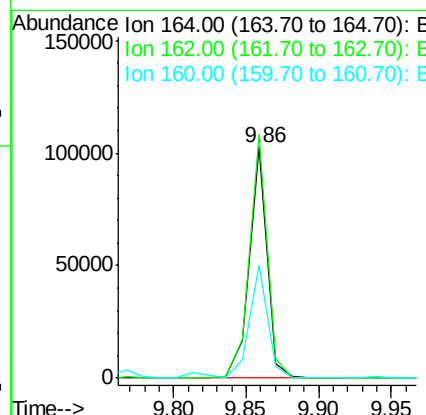
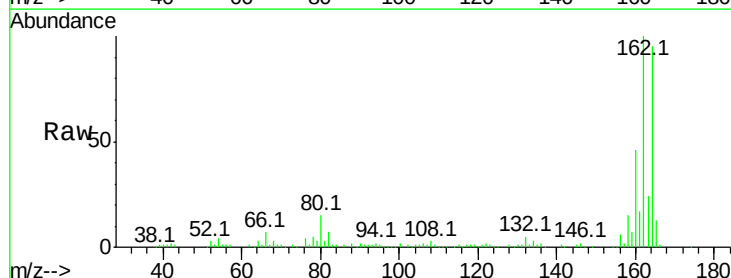
Instrument :
BNA_F
ClientSampled :
MW-16

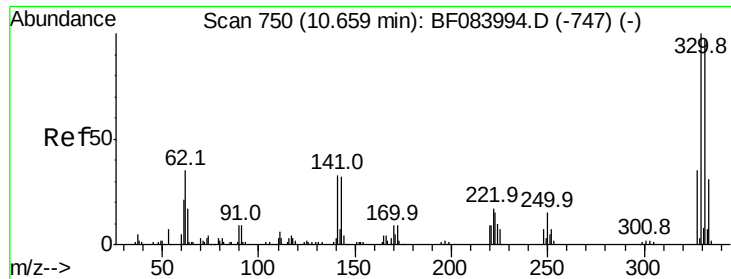
Tot Ion: 82 Resp: 197675
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 48.9 38.4 57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Tgt Ion:164 Resp: 87225
Ion Ratio Lower Upper
164 100
162 105.5 85.1 127.7
160 48.9 37.5 56.3

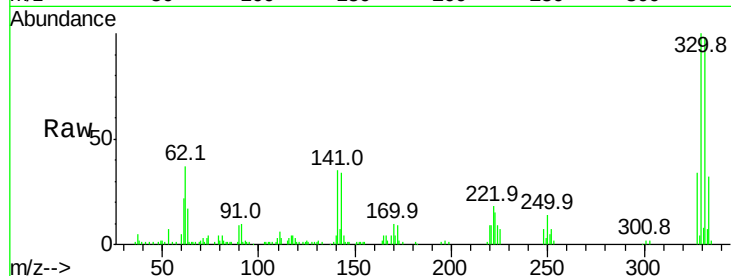




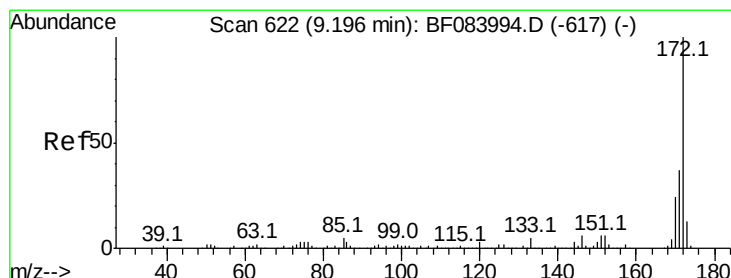
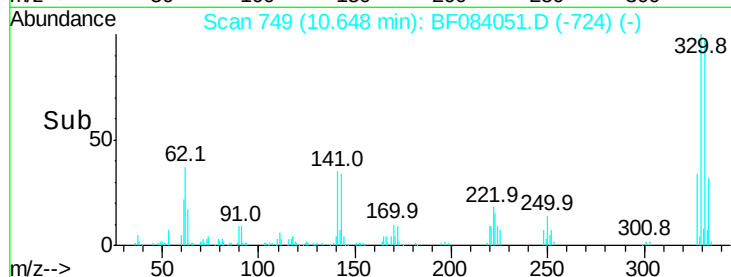
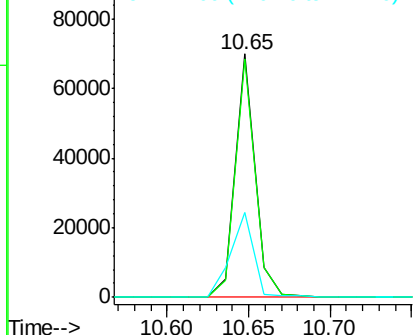
#41
 2,4,6-Tribromophenol
 Concen: 69.54 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	40.9	27.8	41.6

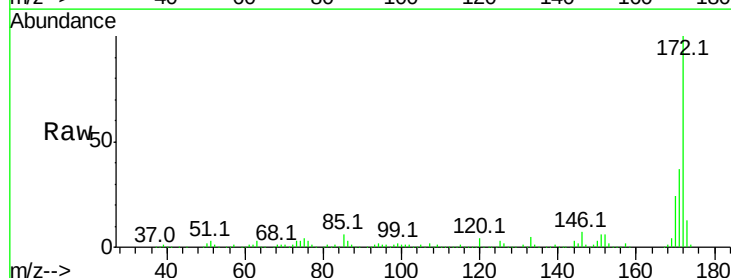


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

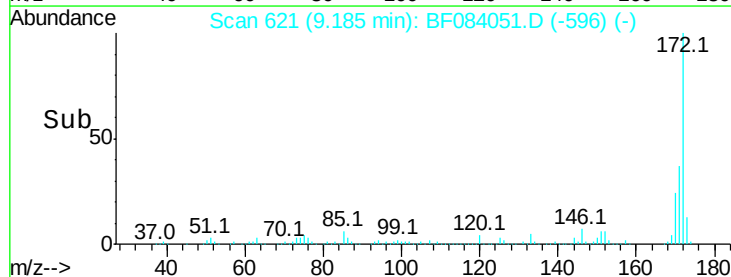
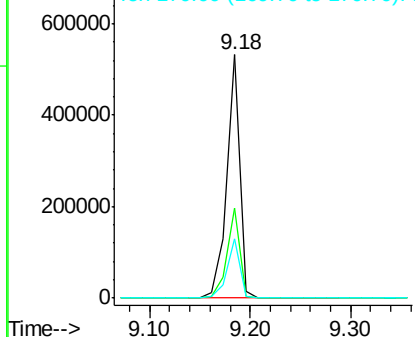


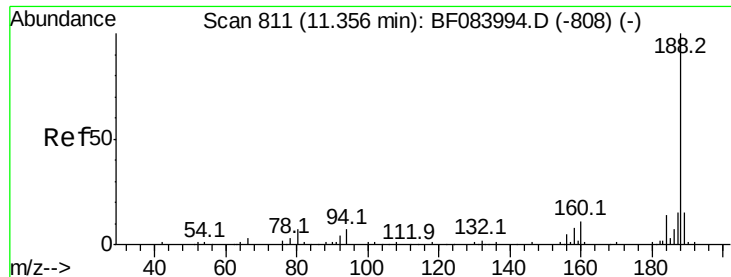
#44
 2-Fluorobiphenyl
 Concen: 73.40 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.2	18.6	27.8



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

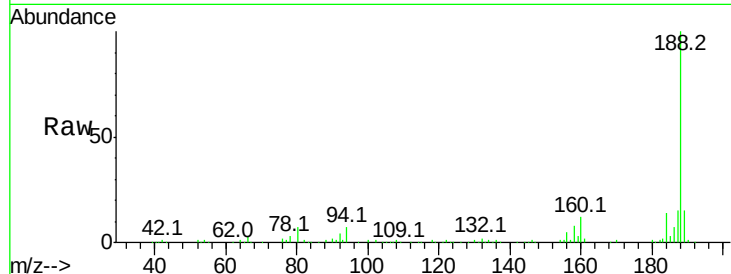




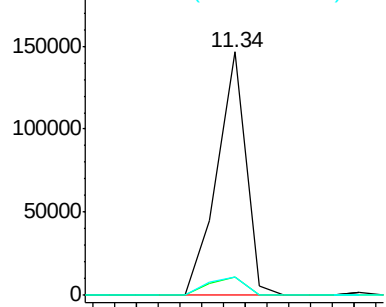
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

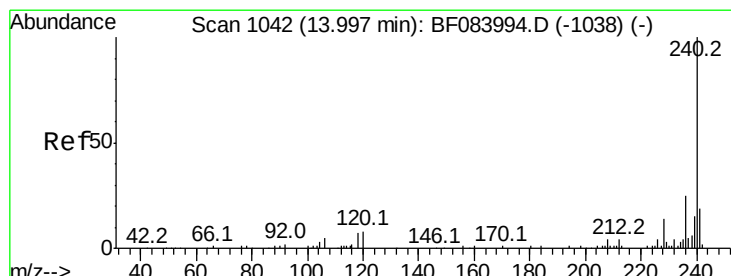
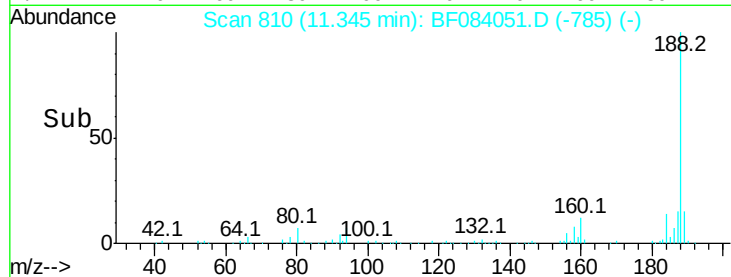
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	7.4	9.6	14.4#



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

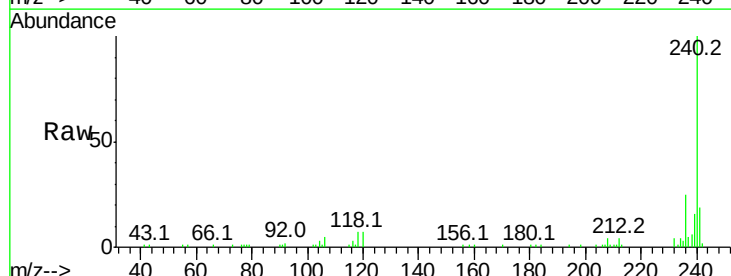


Time-->

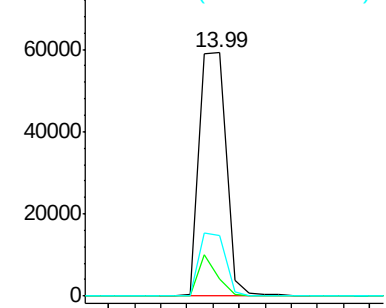


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

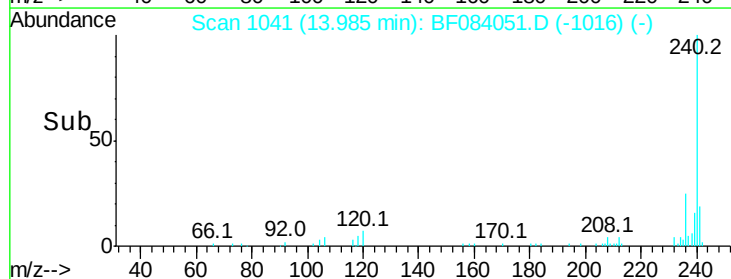
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	9.5	14.3#
236	24.8	20.6	31.0

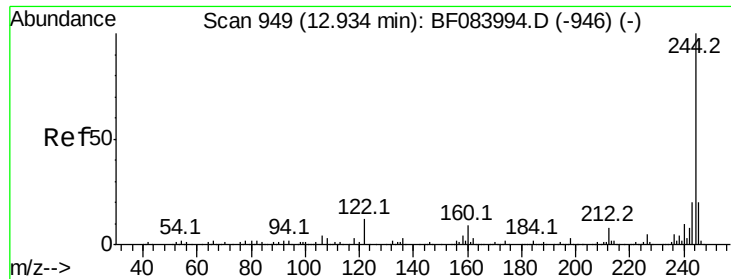


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->

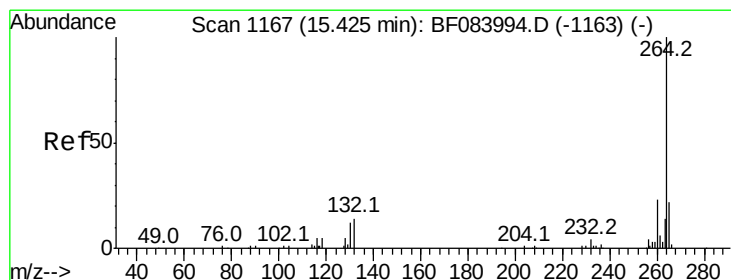
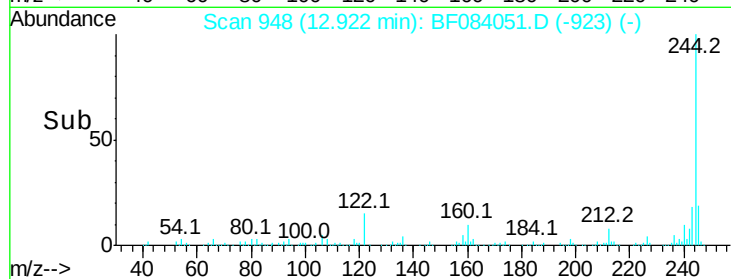
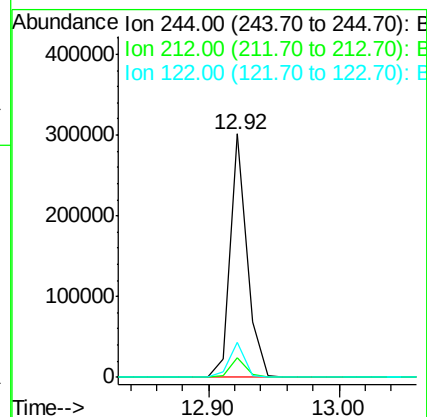
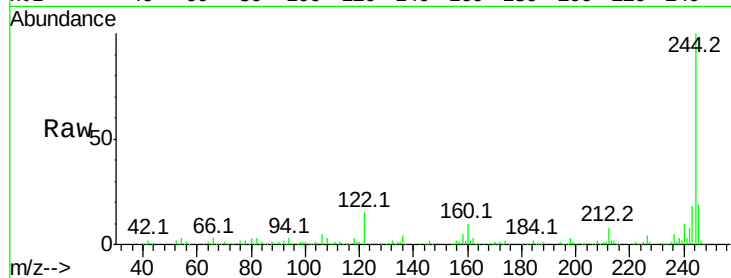




#78
 Terphenyl-d14
 Concen: 75.89 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:244 Resp: 270927
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Tgt Ion:264 Resp: 83360
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.6 17.8 26.6

