

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084100.D
 Acq On : 25 Dec 2015 1:14
 Operator : UM/SJ
 Sample : G4934-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

Quant Time: Dec 25 06:01:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47189	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	174459	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	85609	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	154715	20.00	ng	0.00
75) Chrysene-d12	13.95	240	125468	20.00	ng	-0.01
86) Perylene-d12	15.38	264	96942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	163543	58.76	ng	0.00
7) Phenol-d6	6.44	99	124399	36.12	ng	-0.01
23) Nitrobenzene-d5	7.37	82	299634	100.53	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	122423	134.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	606755	96.98	ng	0.00
78) Terphenyl-d14	12.90	244	478371	68.99	ng	0.00

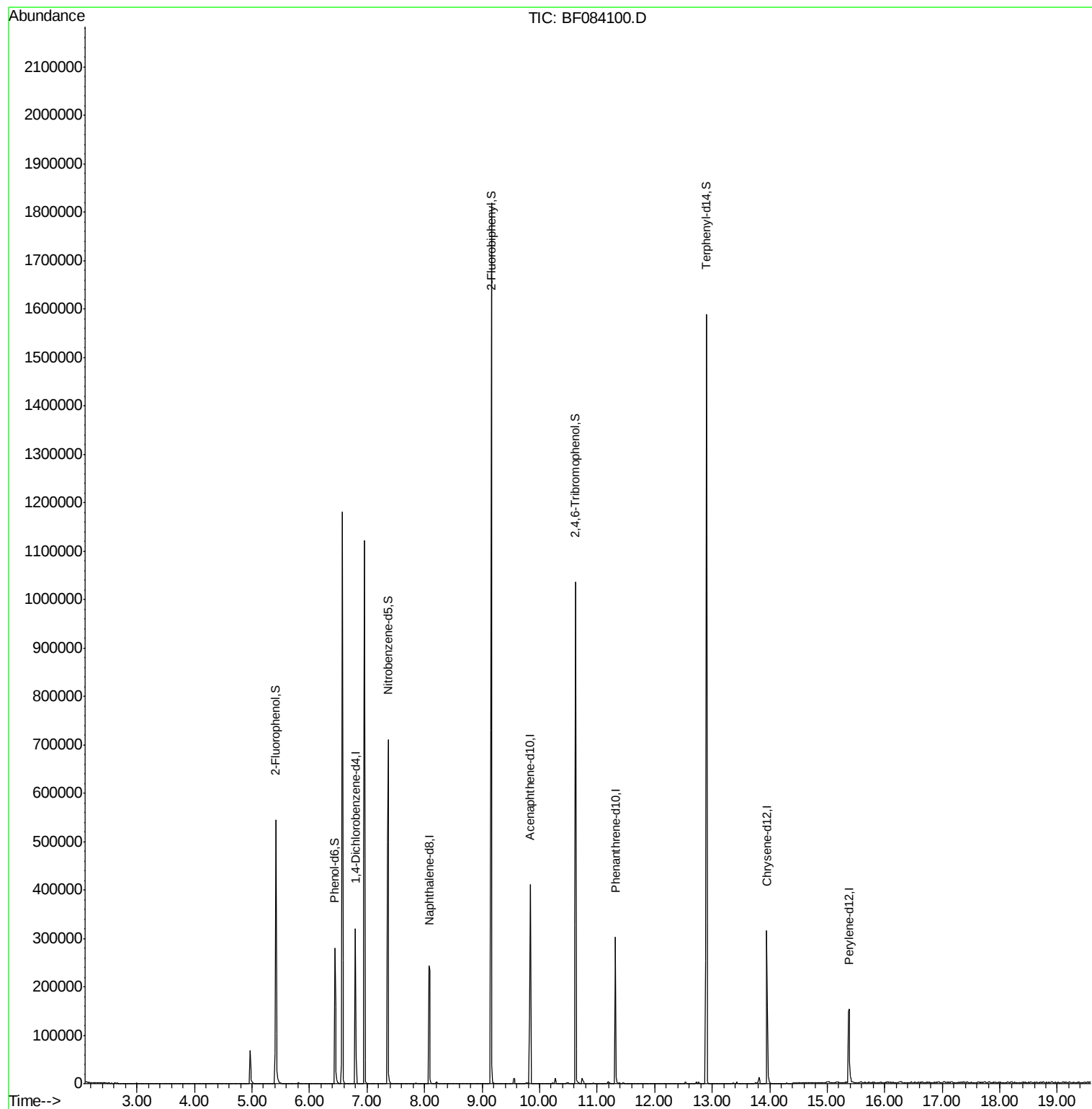
Target Compounds Qvalue

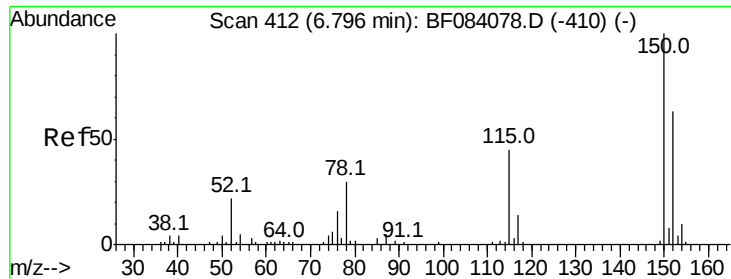
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084100.D
Acq On : 25 Dec 2015 1:14
Operator : UM/SJ
Sample : G4934-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1-122115

Quant Time: Dec 25 06:01:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration



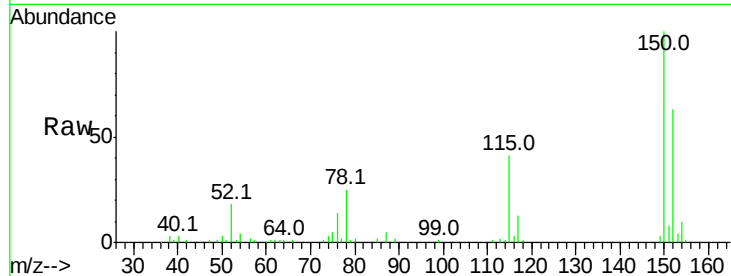


#1

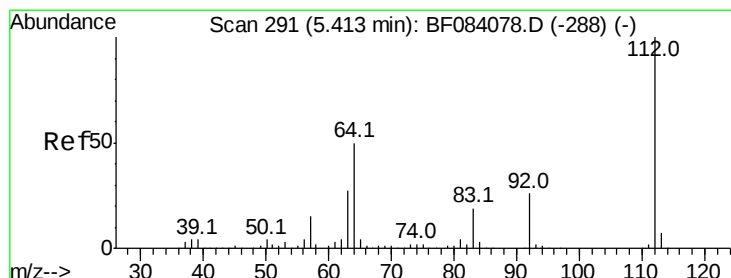
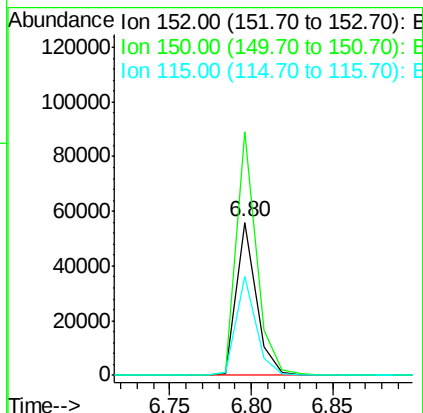
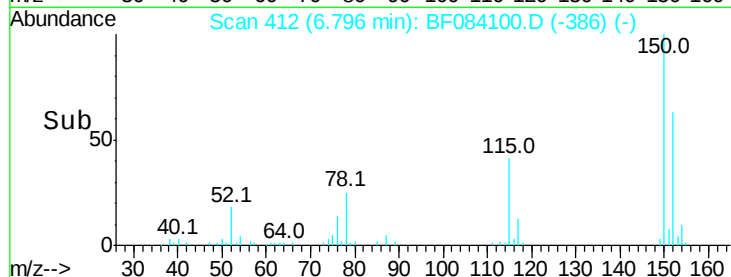
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084100.D
Acq: 25 Dec 2015 1:14

Instrument :
BNA_F
ClientSampleId :
MW-1-122115

Tot Ion:152 Resp: 47189
Ion Ratio Lower Upper
152 100
150 158.9 123.0 184.4
115 64.7 51.4 77.2



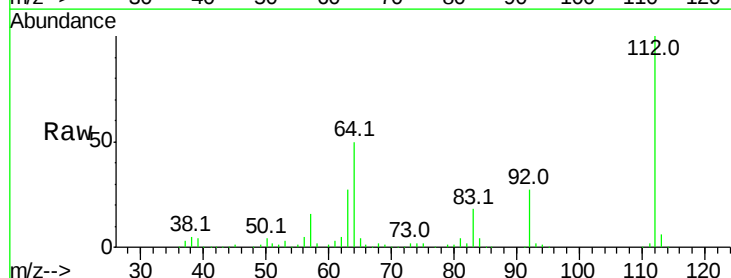
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



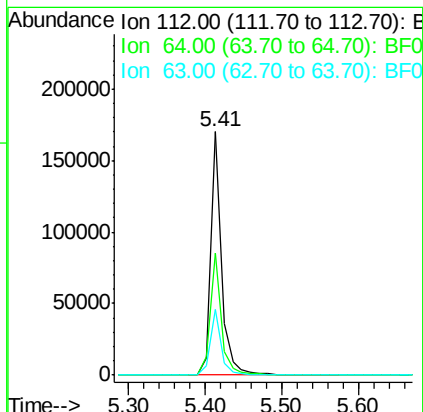
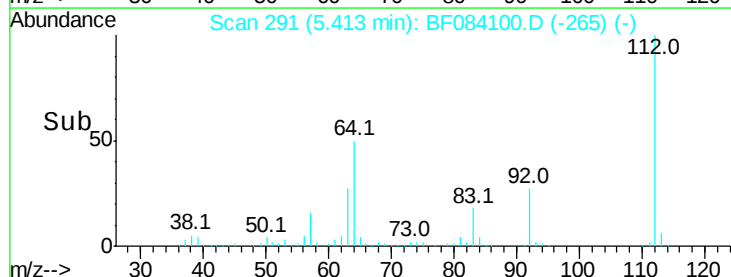
#5

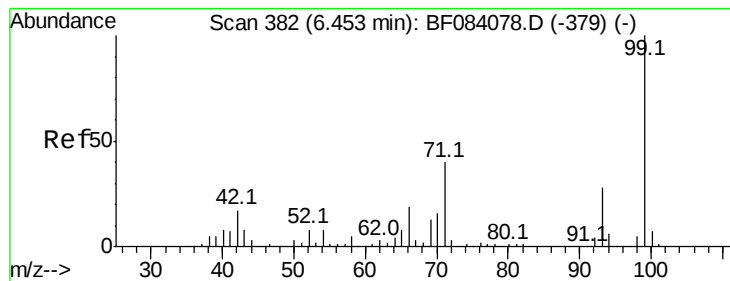
2-Fluorophenol
Concen: 58.76 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084100.D
Acq: 25 Dec 2015 1:14

Tgt Ion:112 Resp: 163543
Ion Ratio Lower Upper
112 100
64 50.1 36.6 55.0
63 26.8 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: 36.12 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-1-122115

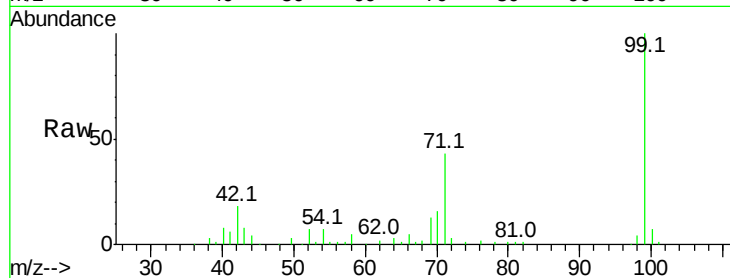
Tot Ion: 99 Resp: 124399

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

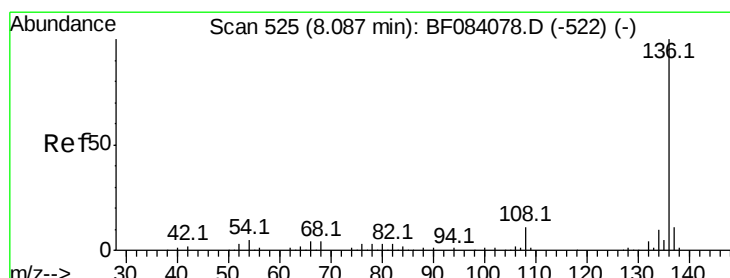
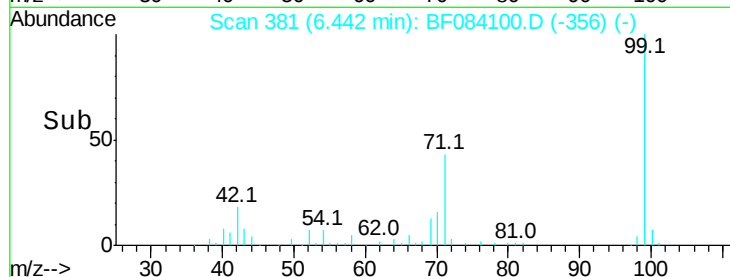
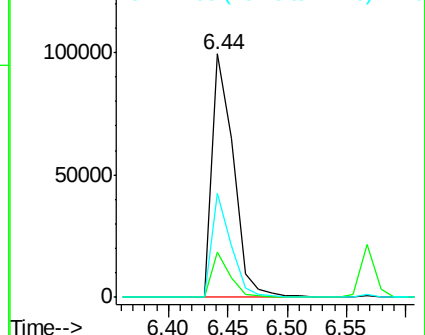
71 42.8 30.9 46.3



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: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

Tgt Ion: 136 Resp: 174459

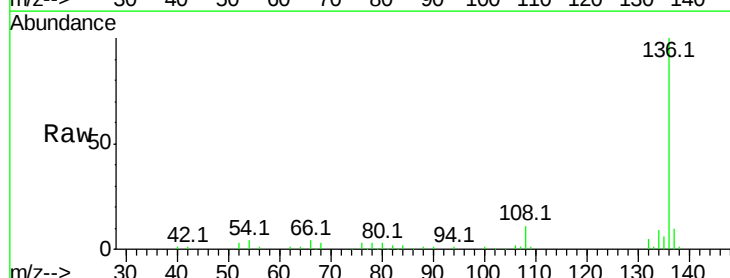
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 3.9 5.8 8.8#

68 3.4 4.2 6.2#

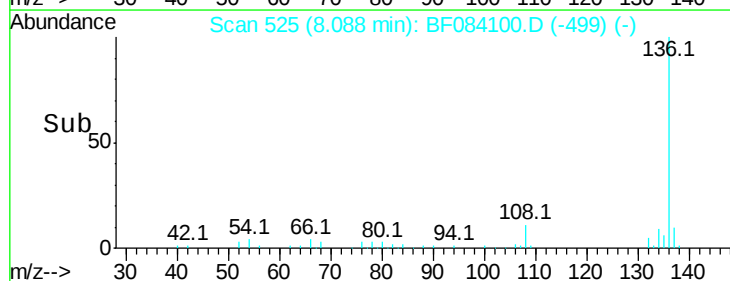
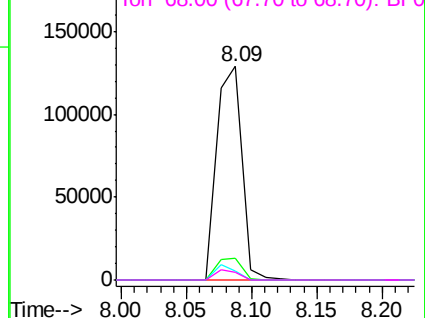


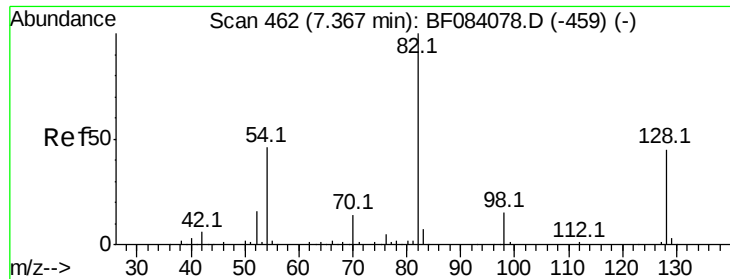
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.53 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-1-122115

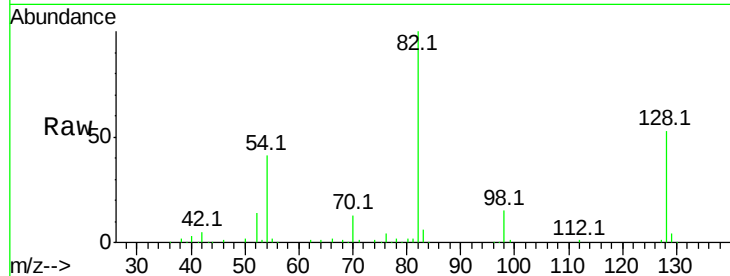
Tot Ion: 82 Resp: 299634

Ion Ratio Lower Upper

82 100

128 53.5 34.6 51.8#

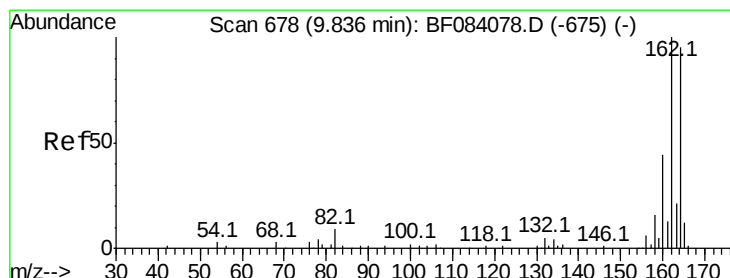
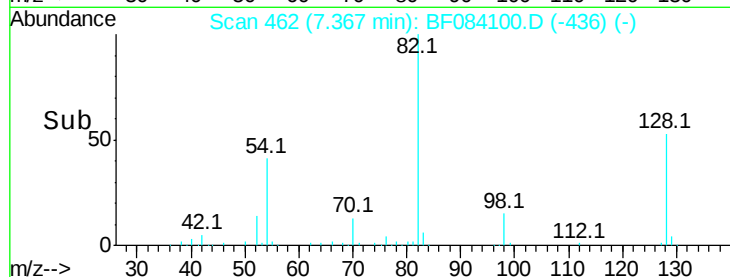
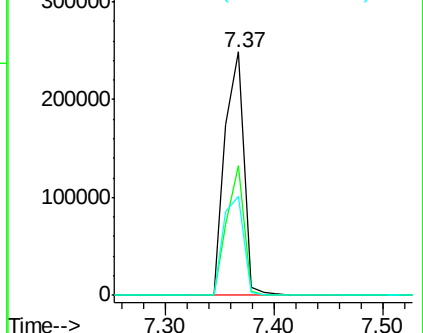
54 40.7 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

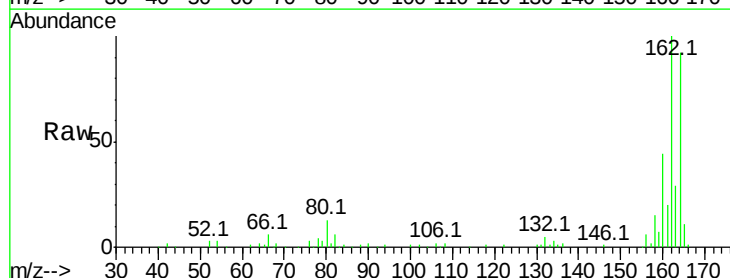
Tgt Ion:164 Resp: 85609

Ion Ratio Lower Upper

164 100

162 109.1 85.1 127.7

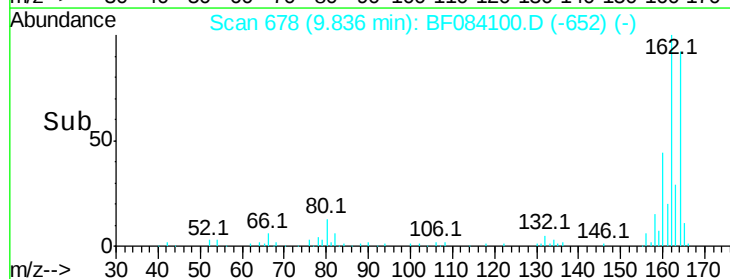
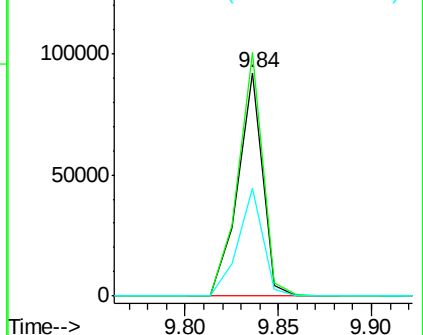
160 48.3 37.5 56.3

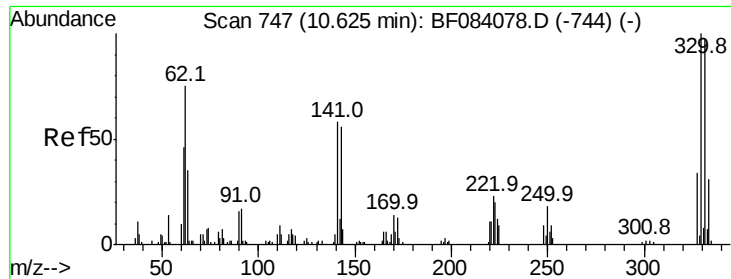


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

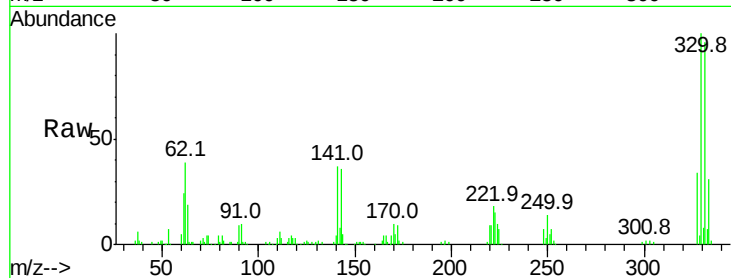




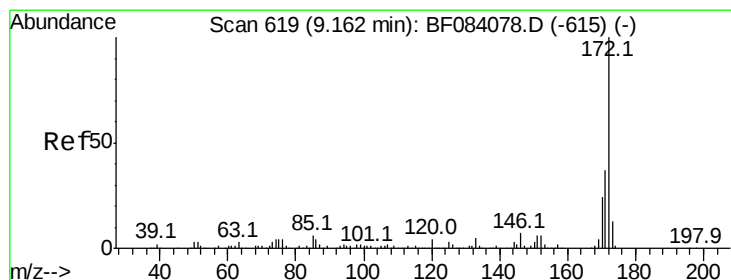
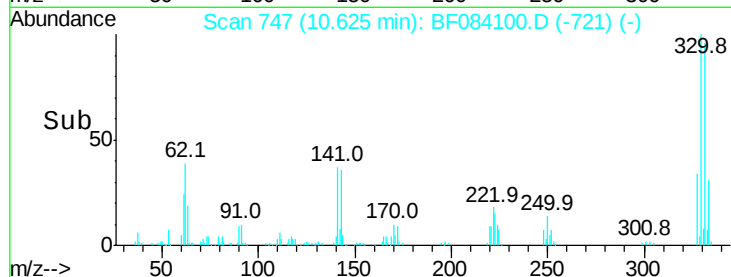
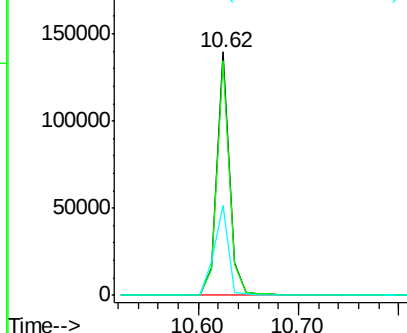
#41
 2,4,6-Tribromophenol
 Concen: 134.10 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	41.7	27.8	41.6#

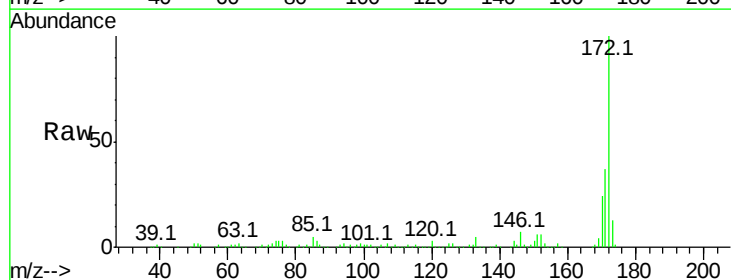


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

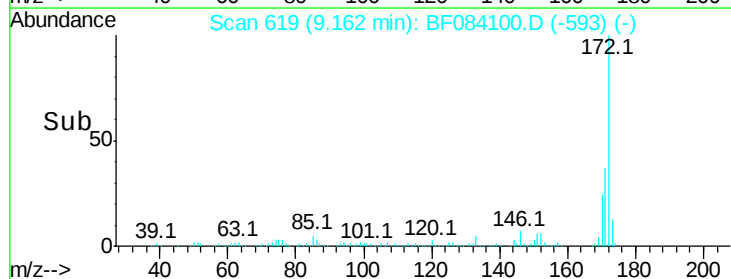
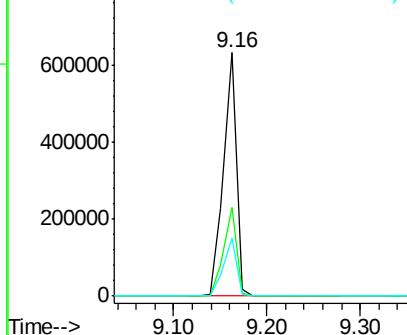


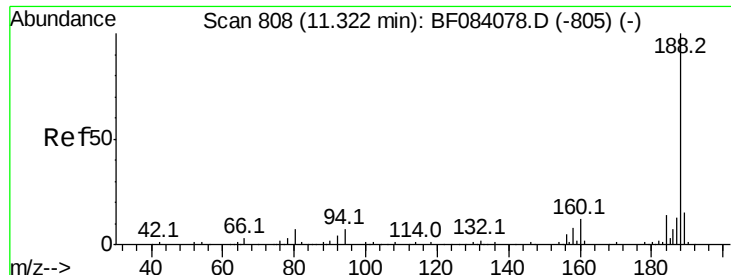
#44
 2-Fluorobiphenyl
 Concen: 96.98 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.0	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

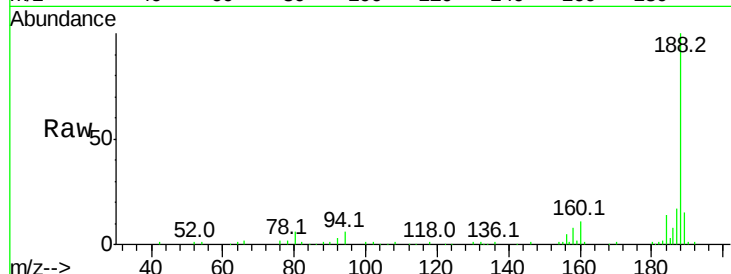




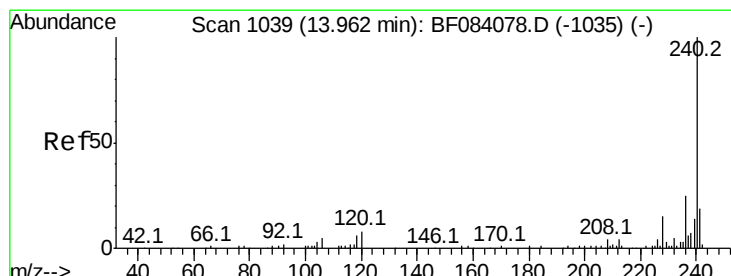
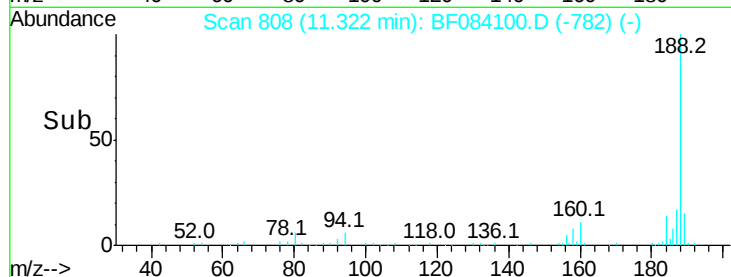
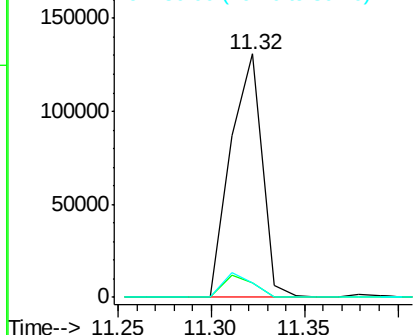
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	5.9	9.6	14.4#

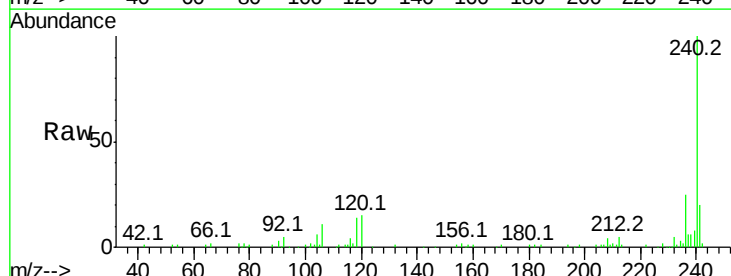


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

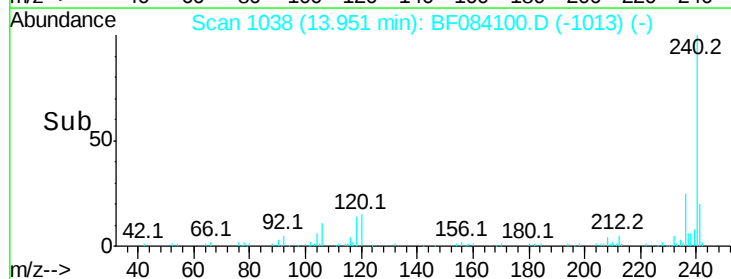
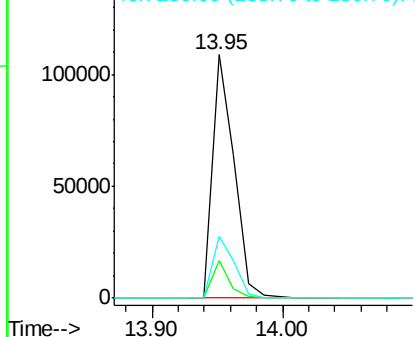


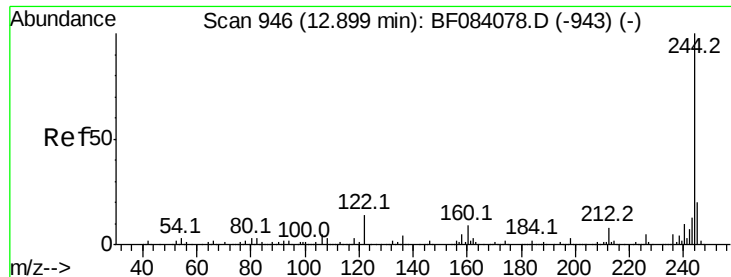
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.2	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





#78

Terphenyl-d14

Concen: 68.99 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-1-122115

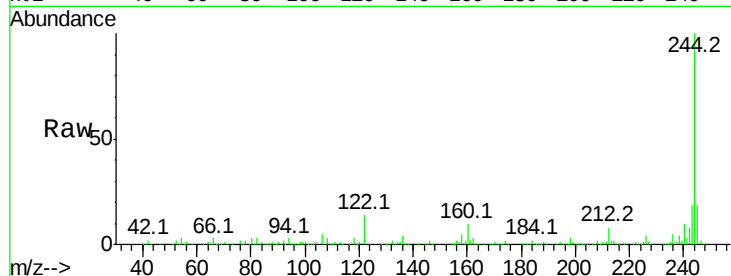
Tot Ion:244 Resp: 478371

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

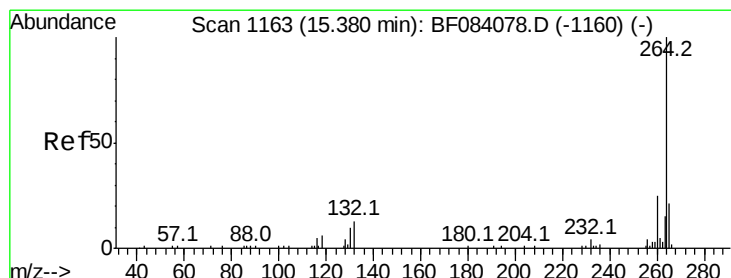
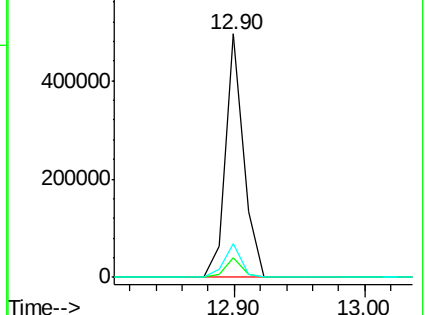
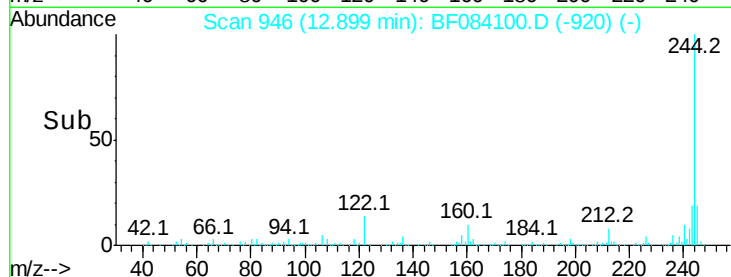
122 14.1 7.4 11.0#



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: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

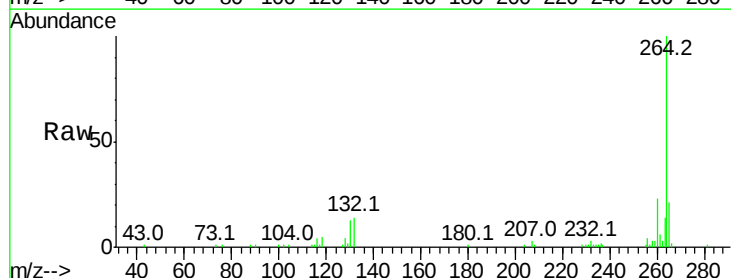
Tgt Ion:264 Resp: 96942

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.4 17.8 26.6



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

