

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084102.D
 Acq On : 25 Dec 2015 2:11
 Operator : UM/SJ
 Sample : G4934-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

Quant Time: Dec 25 06:06:34 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	48832	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	182109	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	90345	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	160205	20.00	ng	0.00
75) Chrysene-d12	13.95	240	134086	20.00	ng	-0.01
86) Perylene-d12	15.38	264	98632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	197279	68.49	ng	0.00
7) Phenol-d6	6.44	99	152450	42.78	ng	-0.01
23) Nitrobenzene-d5	7.37	82	325151	104.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	125193	129.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	631562	95.65	ng	0.00
78) Terphenyl-d14	12.90	244	490076	66.14	ng	0.00

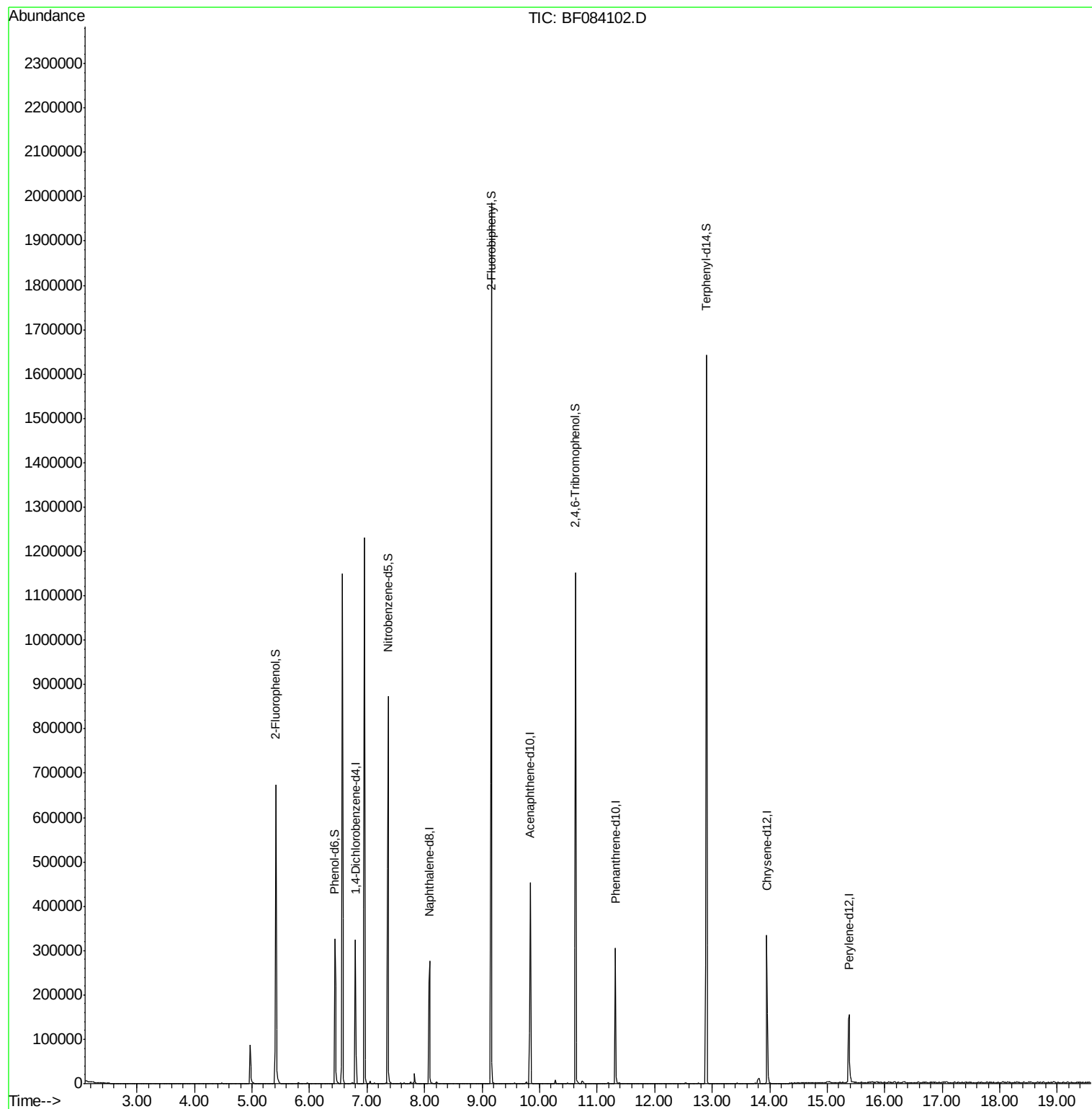
Target Compounds Qvalue

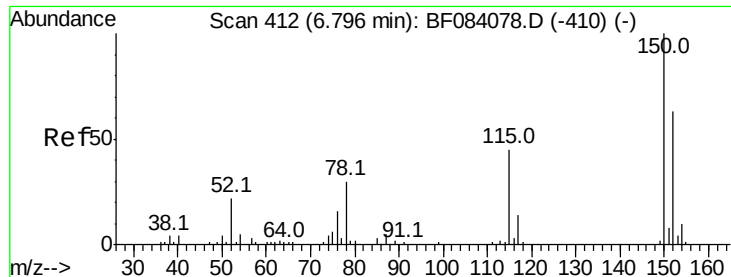
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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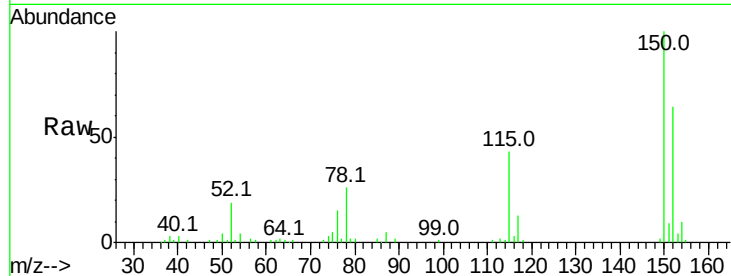


#1

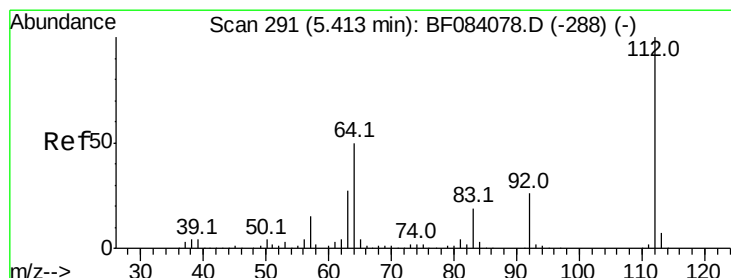
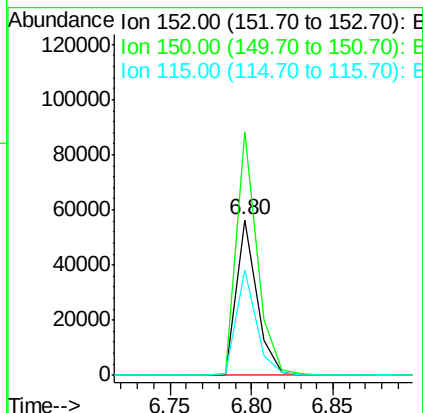
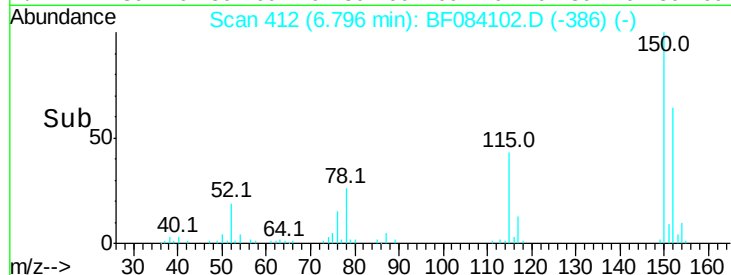
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

Tot Ion:152 Resp: 48832
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.4
 115 67.5 51.4 77.2



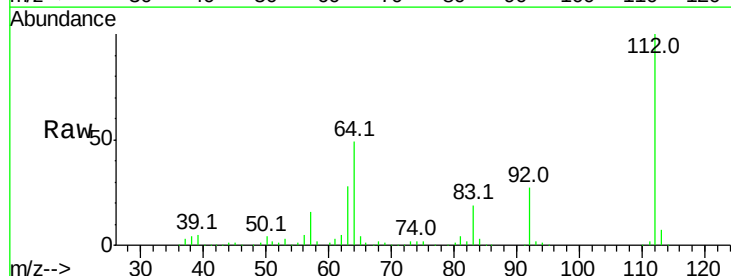
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



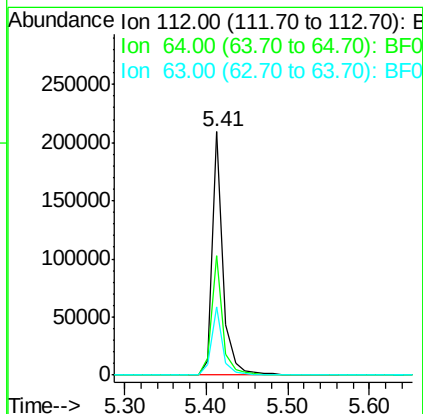
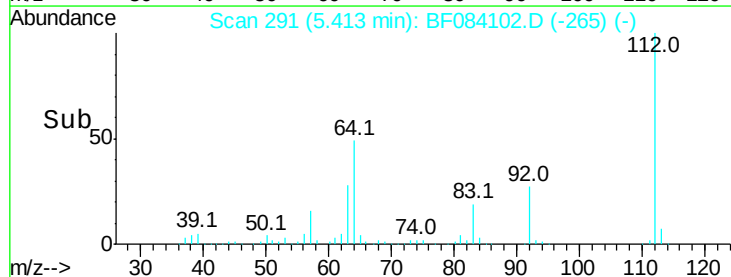
#5

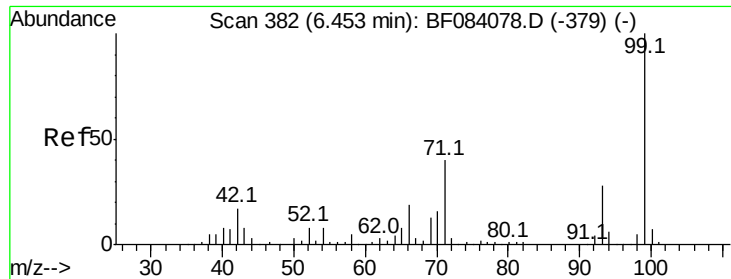
2-Fluorophenol
 Concen: 68.49 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Tgt Ion:112 Resp: 197279
 Ion Ratio Lower Upper
 112 100
 64 49.0 36.6 55.0
 63 27.9 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: 42.78 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

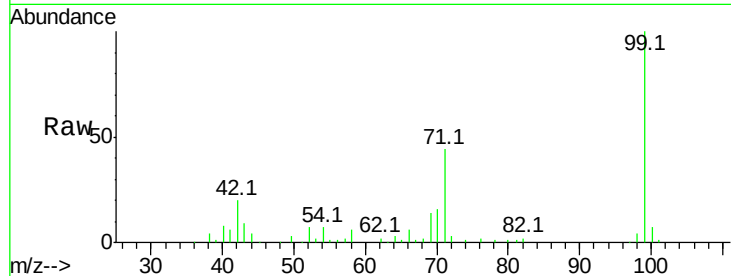
BNA_F

ClientSampled :

MW-3-122115

Tot Ion: 99 Resp: 152450

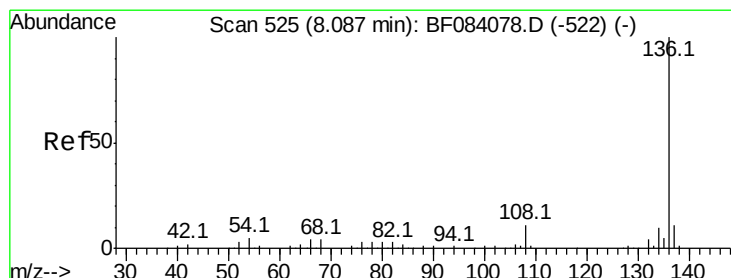
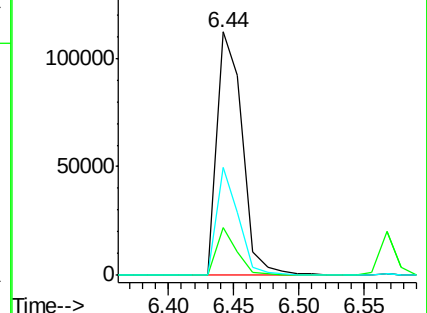
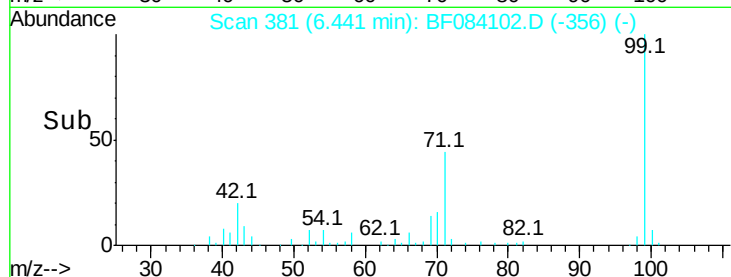
Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	44.3	30.9	46.3



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

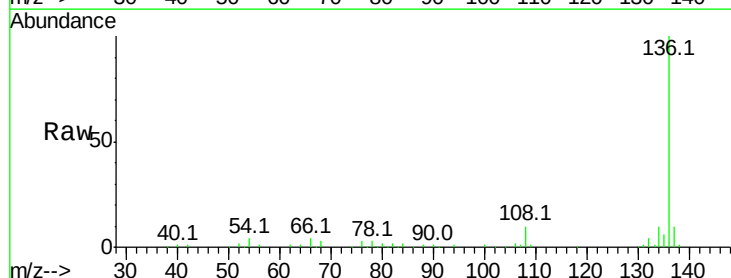
Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Tgt Ion: 136 Resp: 182109

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#

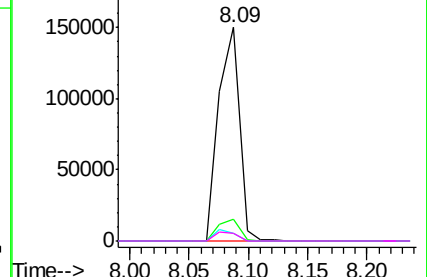
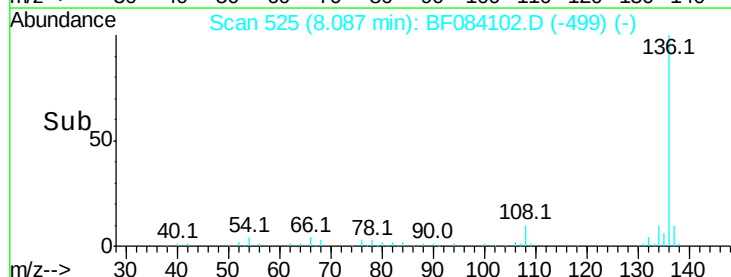


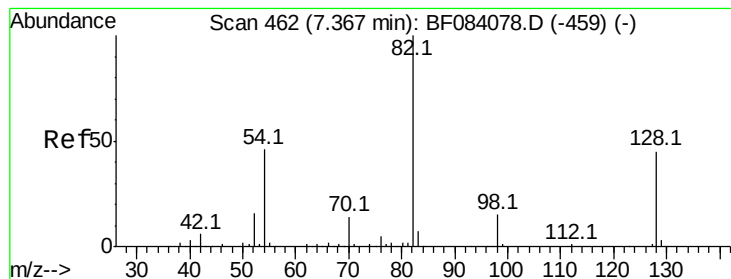
Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.51 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

BNA_F

ClientSampleId :

MW-3-122115

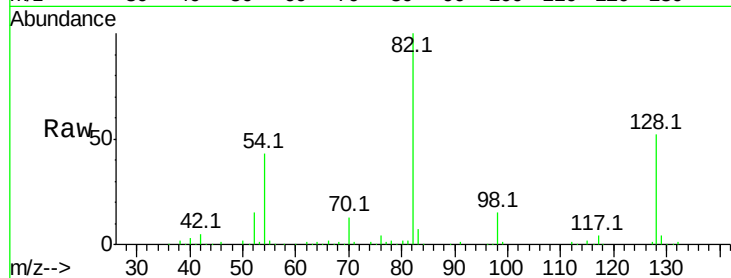
Tot Ion: 82 Resp: 325151

Ion Ratio Lower Upper

82 100

128 52.2 34.6 51.8#

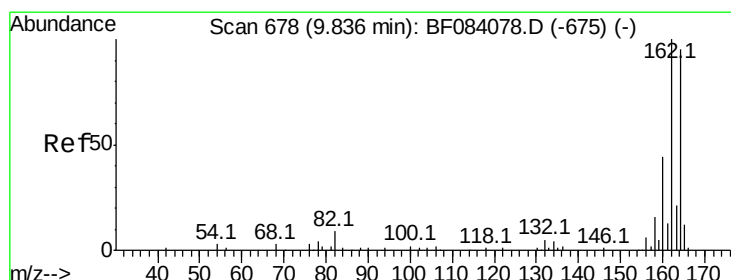
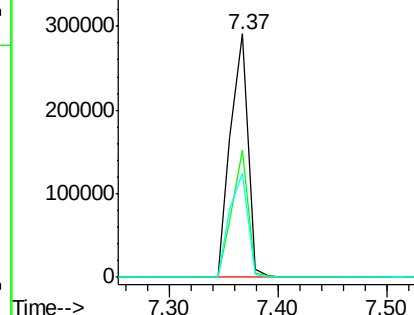
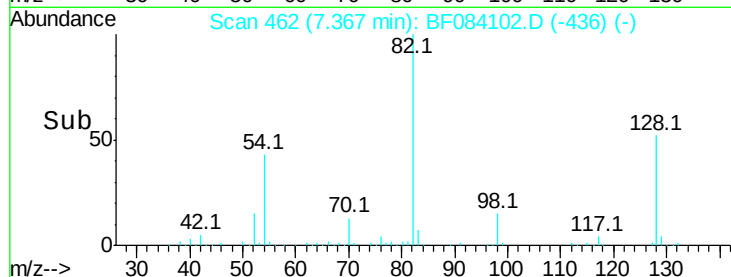
54 42.6 38.4 57.6



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: BF084102.D

Acq: 25 Dec 2015 2:11

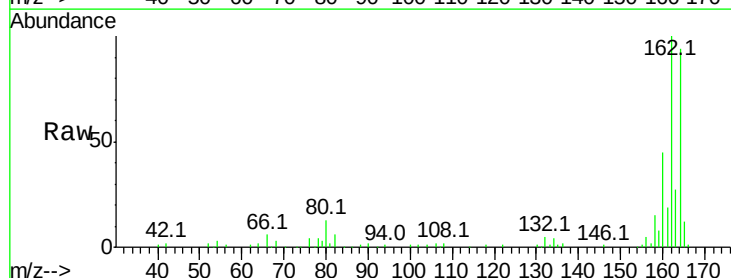
Tgt Ion:164 Resp: 90345

Ion Ratio Lower Upper

164 100

162 106.3 85.1 127.7

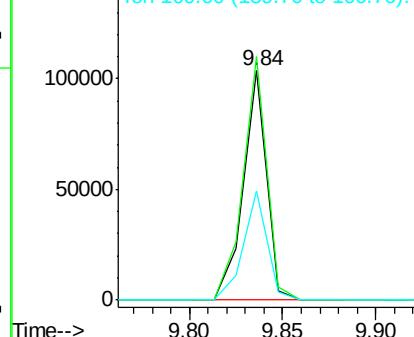
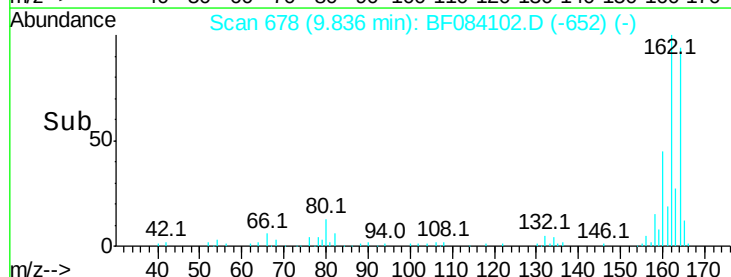
160 47.5 37.5 56.3

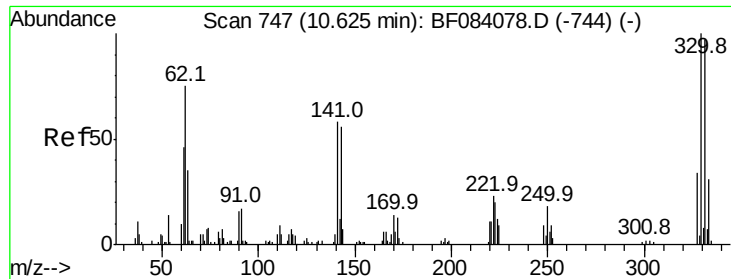


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

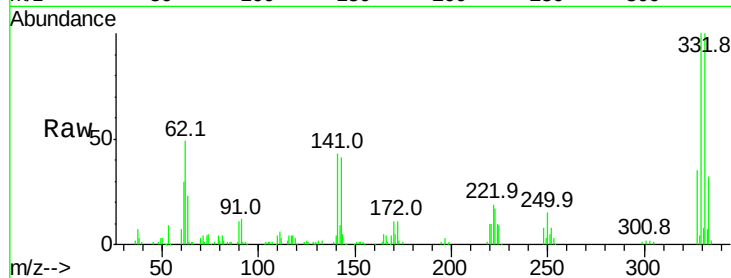




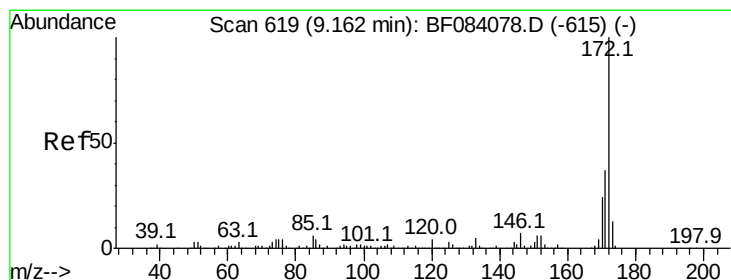
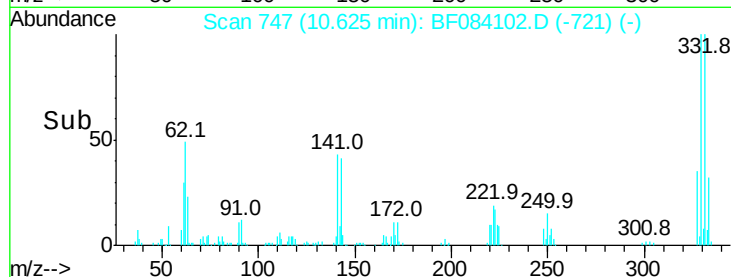
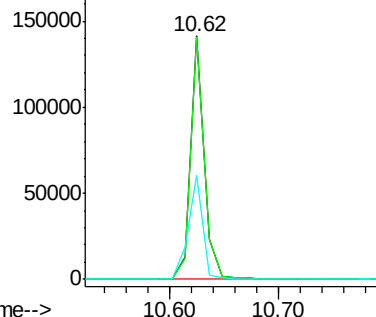
#41
 2,4,6-Tribromophenol
 Concen: 129.94 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

Tot Ion:330 Resp: 125193
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 45.2 27.8 41.6#

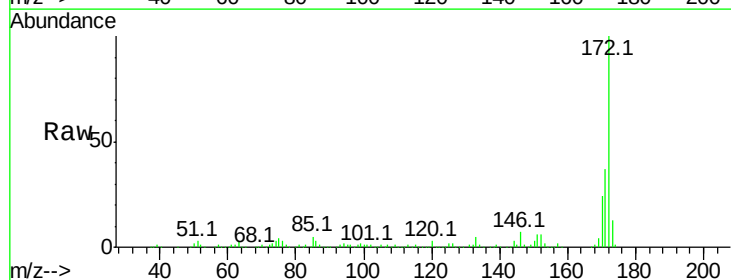


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

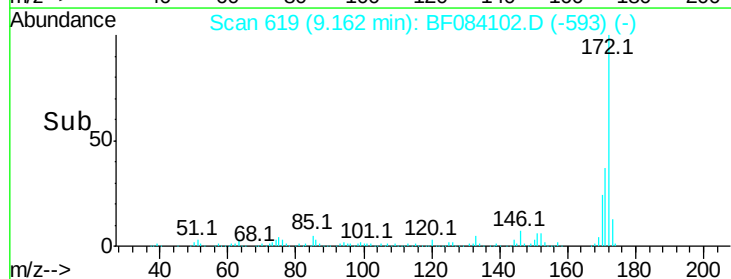
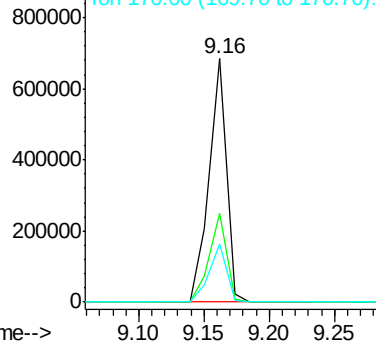


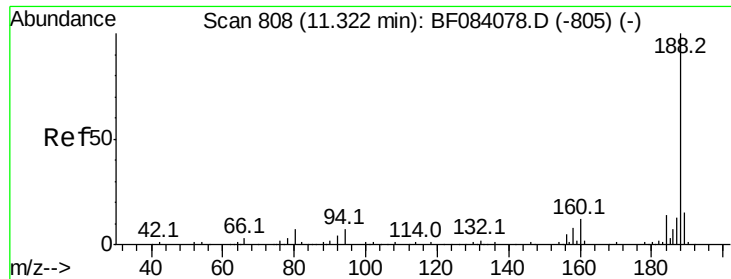
#44
 2-Fluorobiphenyl
 Concen: 95.65 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Tgt Ion:172 Resp: 631562
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.8 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

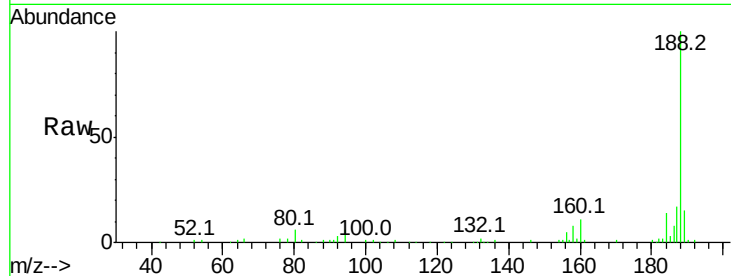




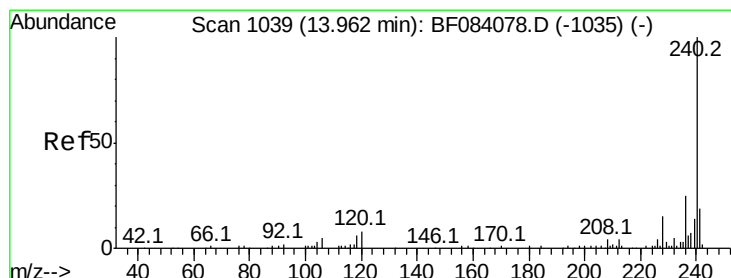
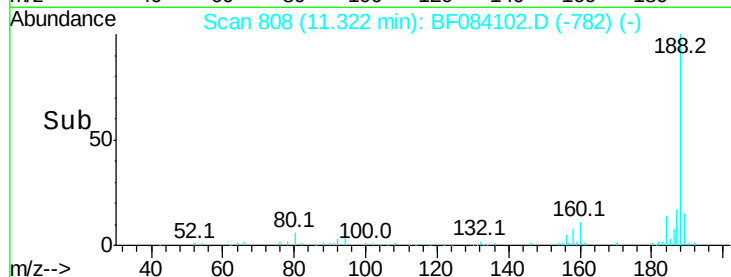
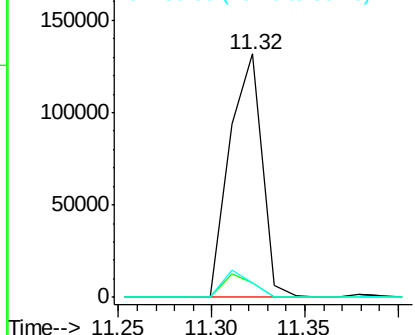
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084102.D
Acq: 25 Dec 2015 2:11

Instrument :
BNA_F
ClientSampleId :
MW-3-122115

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.0	13.4#
80	6.0	9.6	14.4#

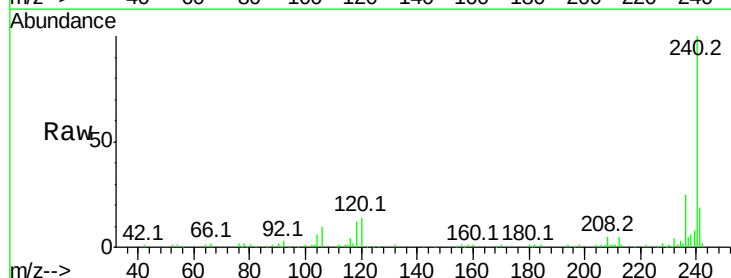


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

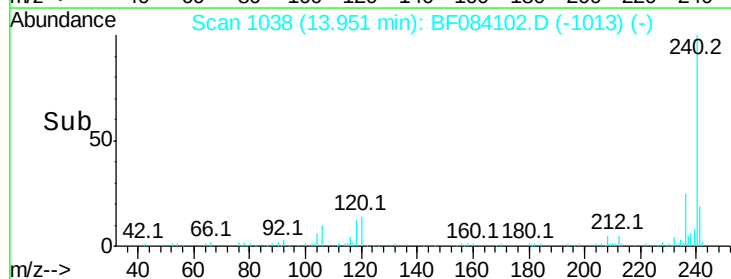
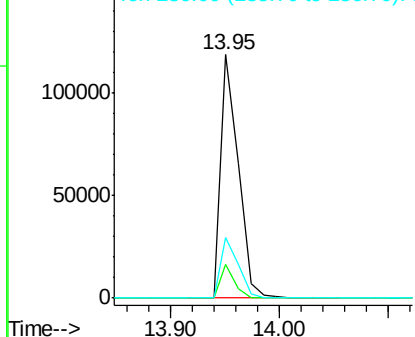


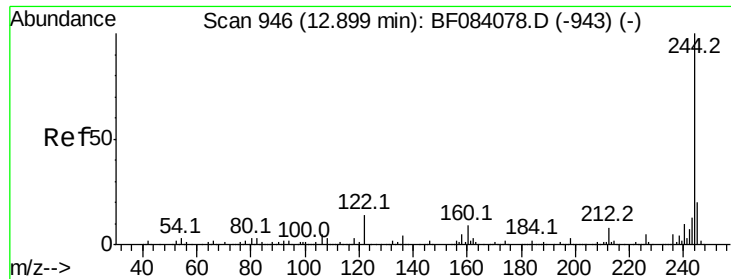
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084102.D
Acq: 25 Dec 2015 2:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.0	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: 66.14 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

BNA_F

ClientSampleId :

MW-3-122115

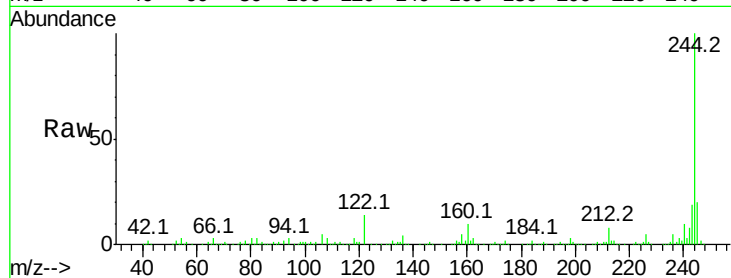
Tot Ion:244 Resp: 490076

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

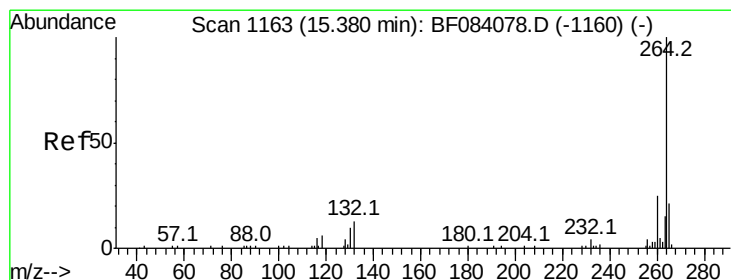
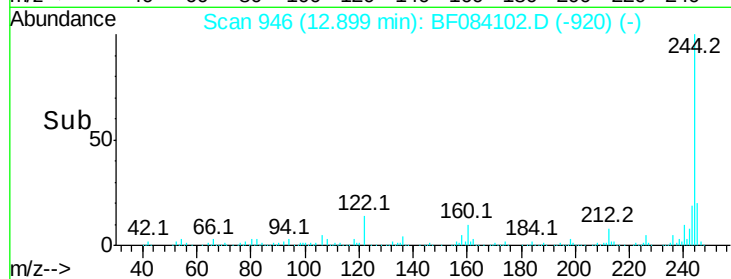
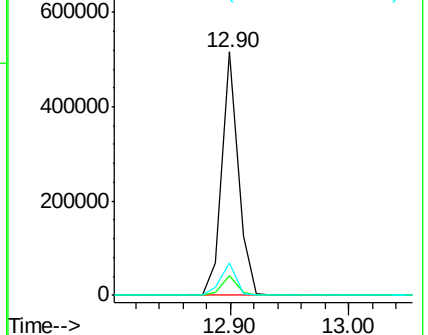
122 13.6 7.4 11.0#



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: BF084102.D

Acq: 25 Dec 2015 2:11

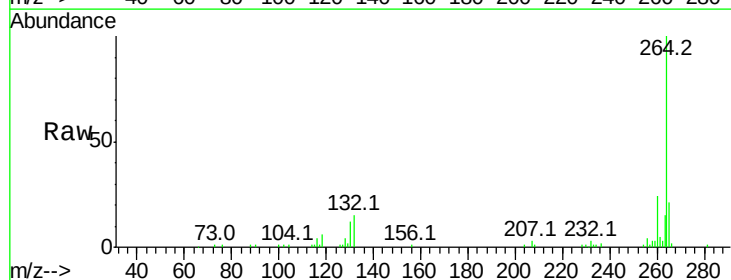
Tgt Ion:264 Resp: 98632

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 20.6 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

