

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084053.D
 Acq On : 24 Dec 2015 00:30
 Operator : UM/SJ
 Sample : G4907-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 24 07:54:01 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

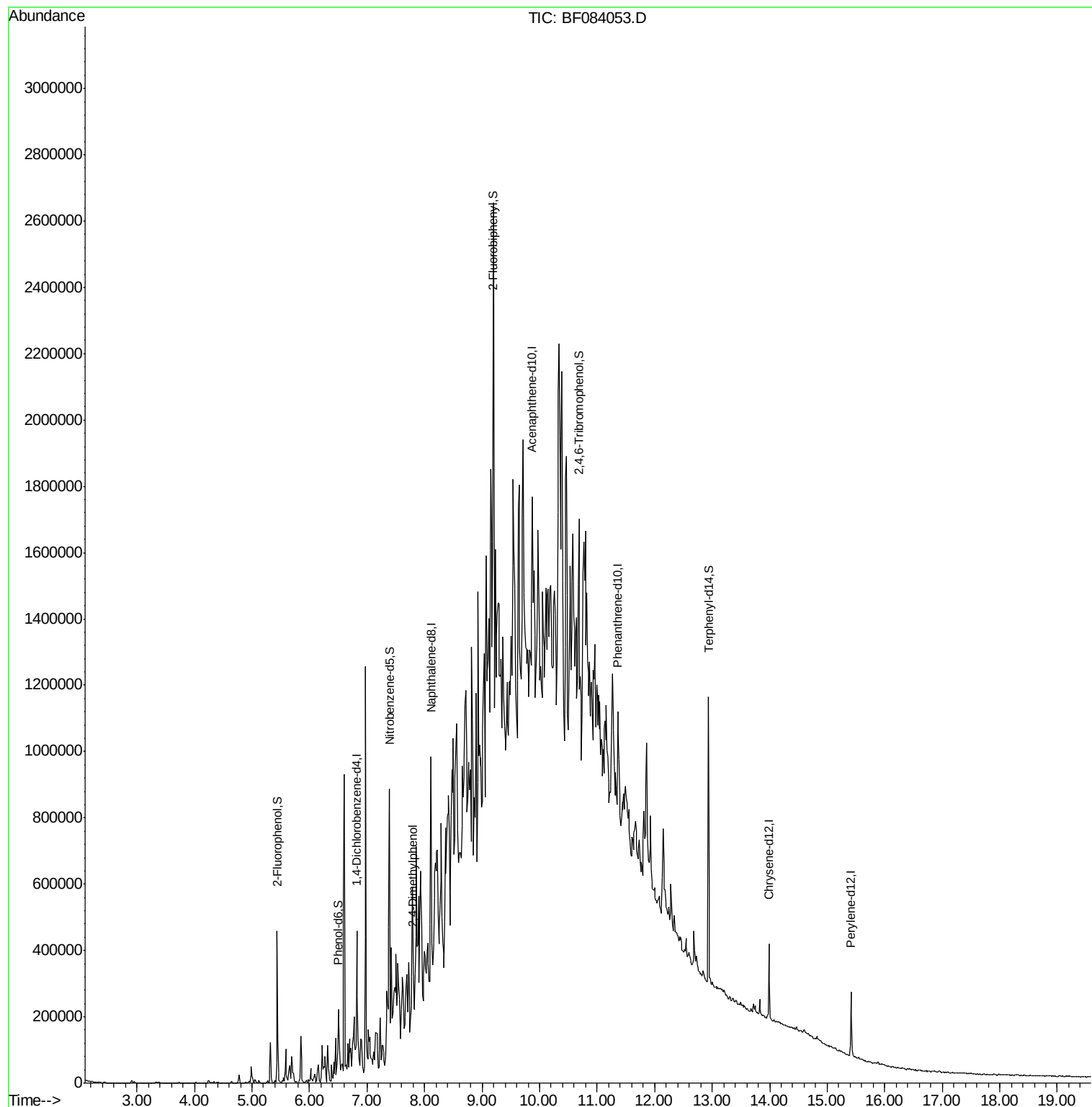
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	48289	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	181237	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	174253	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	115430	20.00	ng	0.00
75) Chrysene-d12	13.99	240	88738	20.00	ng	-0.01
86) Perylene-d12	15.41	264	88655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	146099	51.59	ng	0.00
7) Phenol-d6	6.50	99	117819	35.38	ng	0.02
23) Nitrobenzene-d5	7.39	82	295445	100.14	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	105529	62.96	ng	0.02
44) 2-Fluorobiphenyl	9.20	172	483556	37.35	ng	0.00
78) Terphenyl-d14	12.93	244	278207	74.77	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.80	122	29967	10.51	ng	Qvalue 97

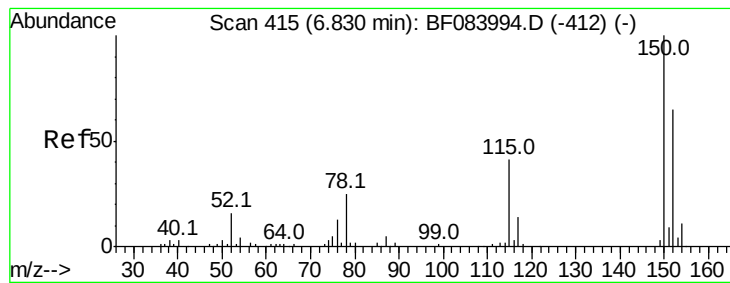
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084053.D

Acq: 24 Dec 2015 00:30

Instrument :

BNA_F

ClientSampleId :

MW-01

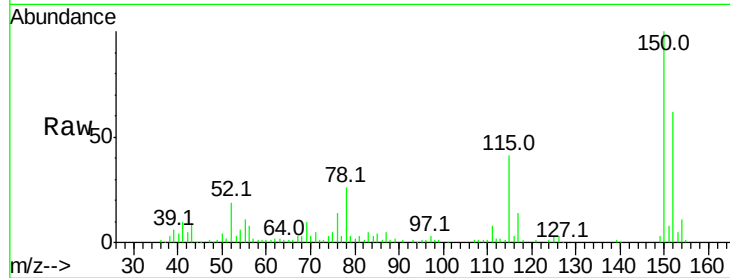
Tot Ion:152 Resp: 48289

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

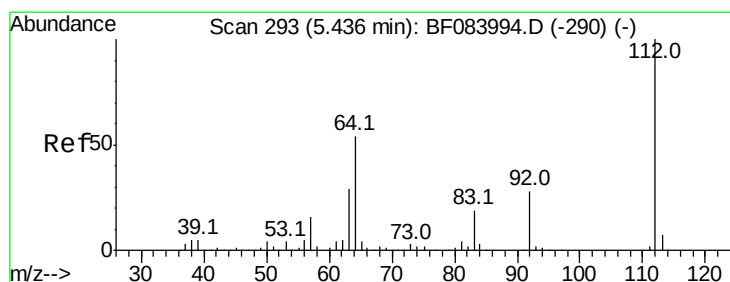
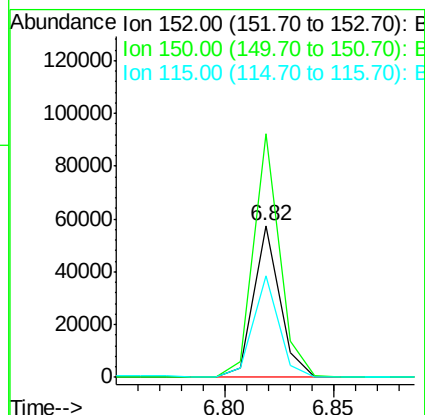
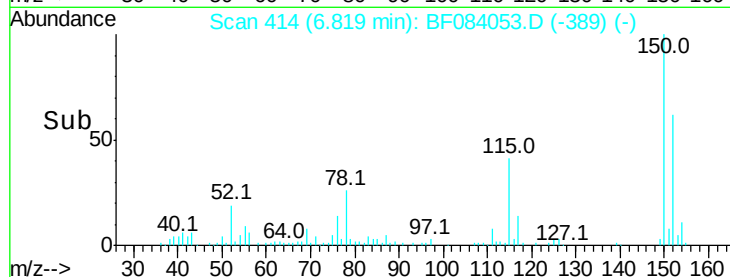
115 66.6 51.4 77.2



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: 51.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084053.D

Acq: 24 Dec 2015 00:30

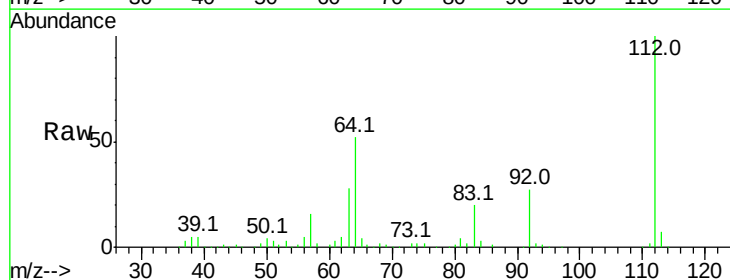
Tgt Ion:112 Resp: 146099

Ion Ratio Lower Upper

112 100

64 52.3 36.6 55.0

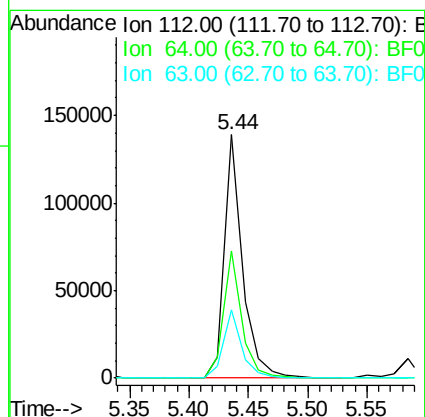
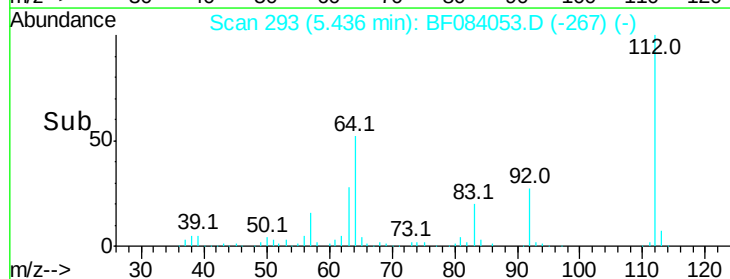
63 28.1 19.4 29.0

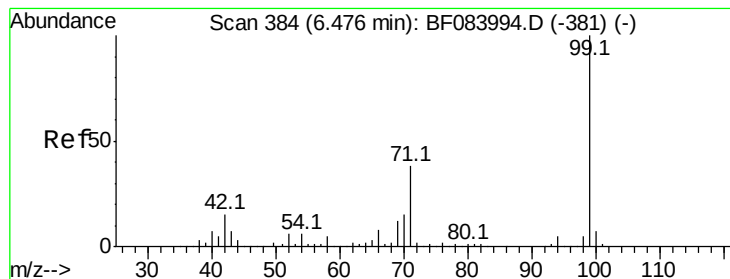


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.38 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF084053.D

Acq: 24 Dec 2015 00:30

Instrument :

BNA_F

ClientSampleId :

MW-01

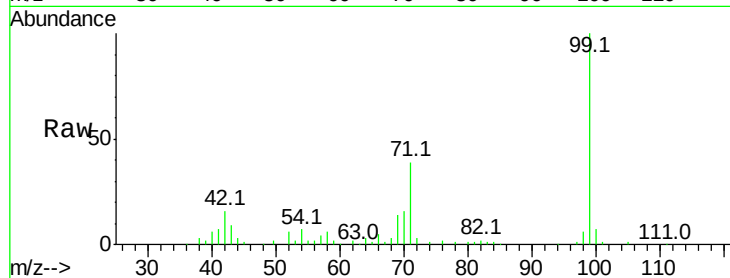
Tot Ion: 99 Resp: 117819

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

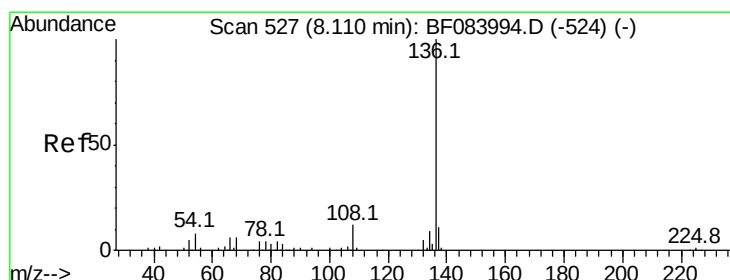
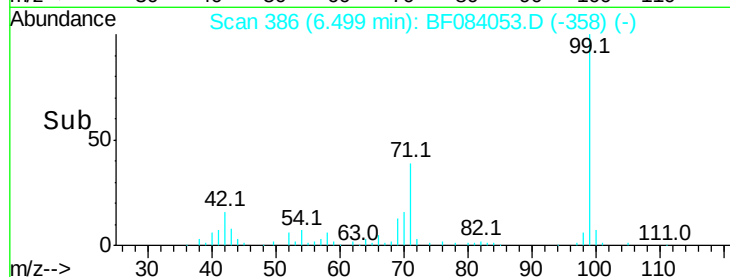
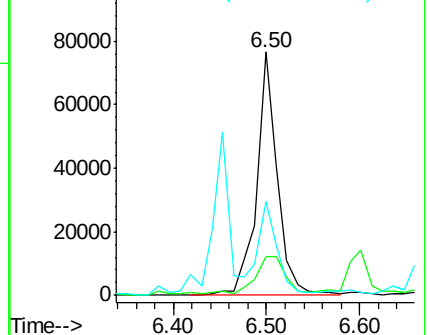
71 38.7 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084053.D

Acq: 24 Dec 2015 00:30

Tgt Ion: 136 Resp: 181237

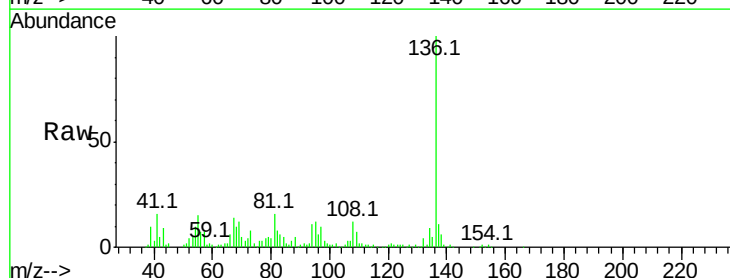
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 5.8 8.8#

68 9.5 4.2 6.2#

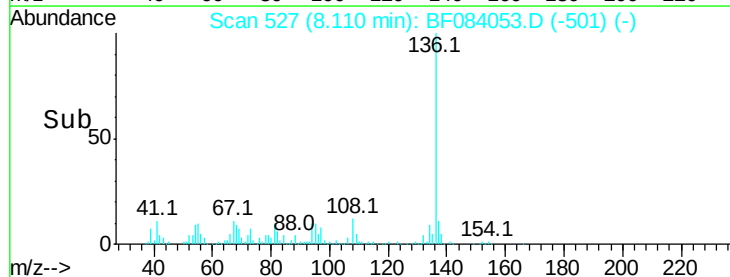
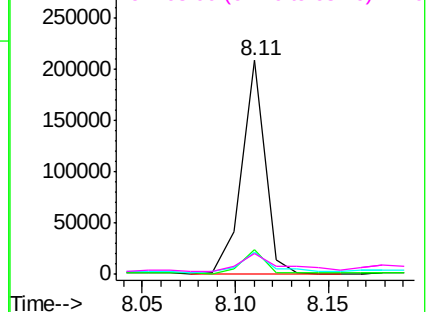


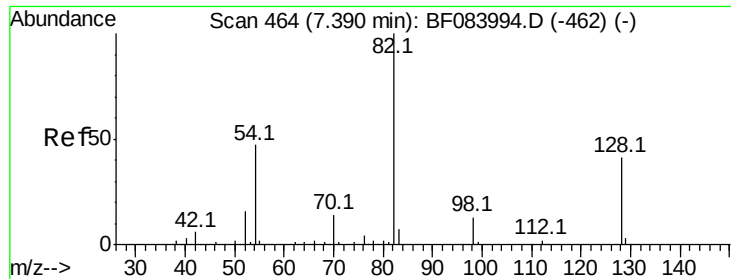
Abundance Ion 136.00 (135.70 to 136.70): E

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

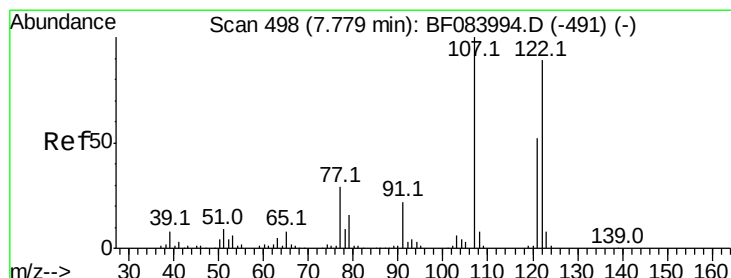
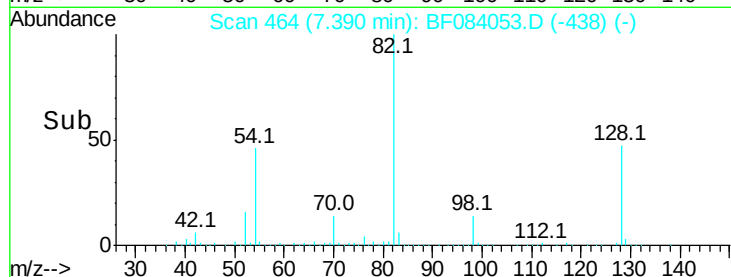
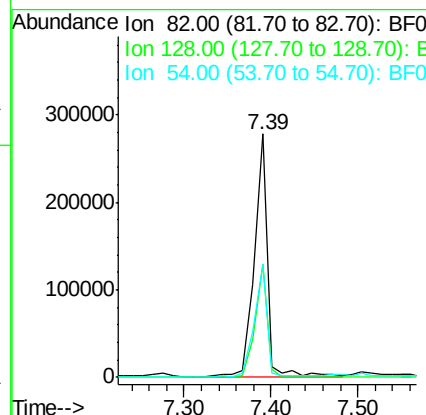
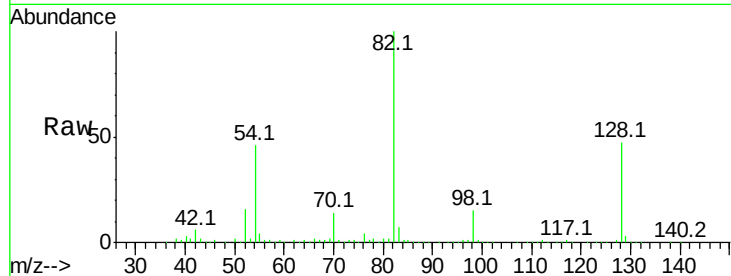




#23
 Nitrobenzene-d5
 Concen: 100.14 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084053.D
 Acq: 24 Dec 2015 00:30

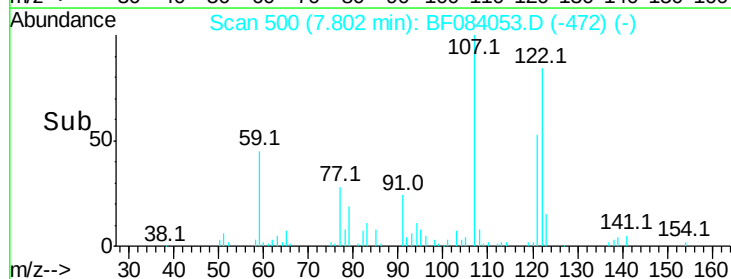
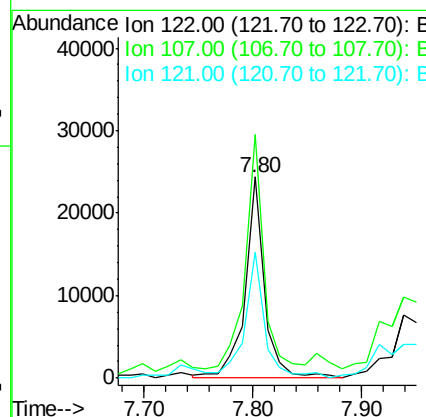
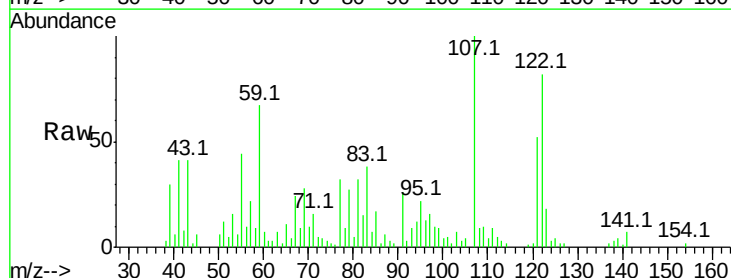
Instrument :
 BNA_F
 ClientSampled :
 MW-01

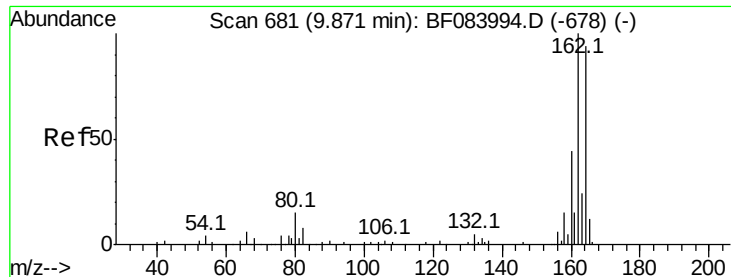
Tot Ion	82	Resp	295445
Ion Ratio	100	Lower	Upper
128	46.6	34.6	51.8
54	46.4	38.4	57.6



#27
 2,4-Dimethylphenol
 Concen: 10.51 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.02 min
 Lab File: BF084053.D
 Acq: 24 Dec 2015 00:30

Tgt Ion	122	Resp	29967
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
107	121.2	99.1	148.7
121	62.7	47.9	71.9

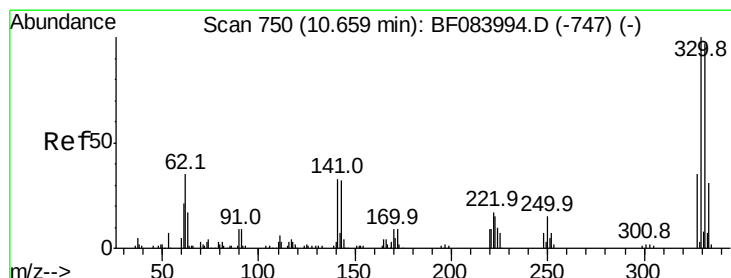
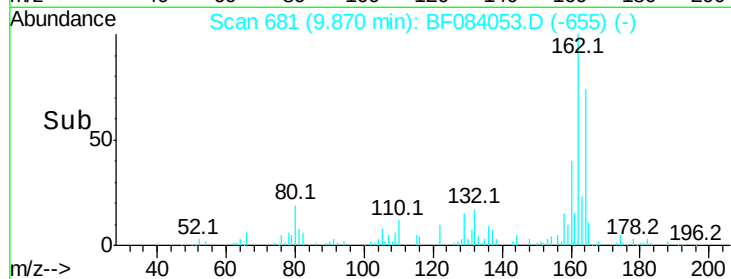
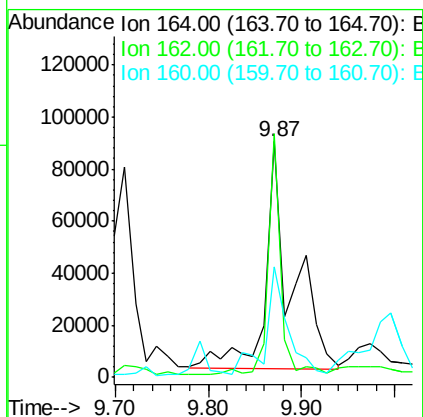
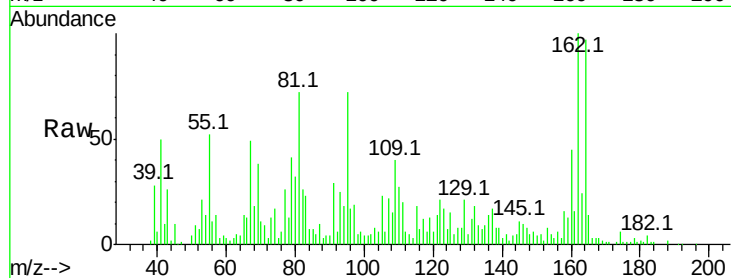




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084053.D
Acq: 24 Dec 2015 00:30

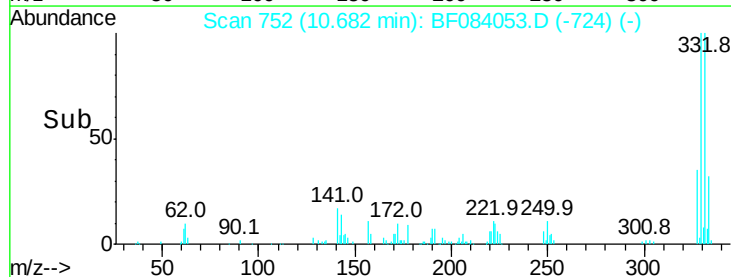
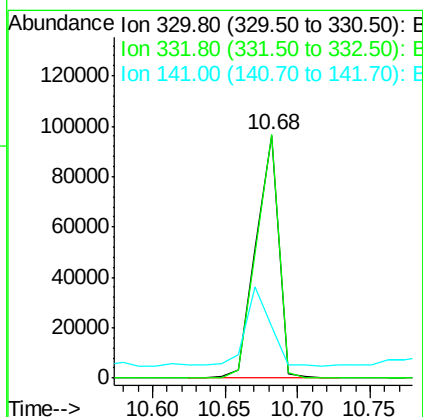
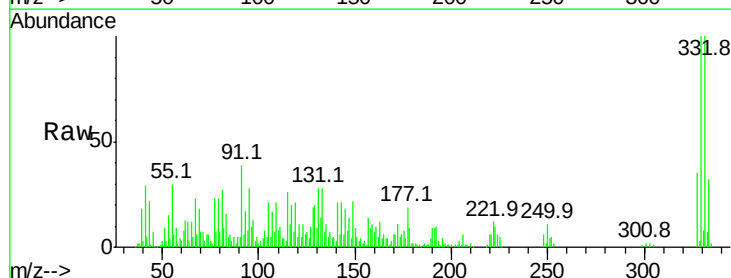
Instrument :
BNA_F
ClientSampleId :
MW-01

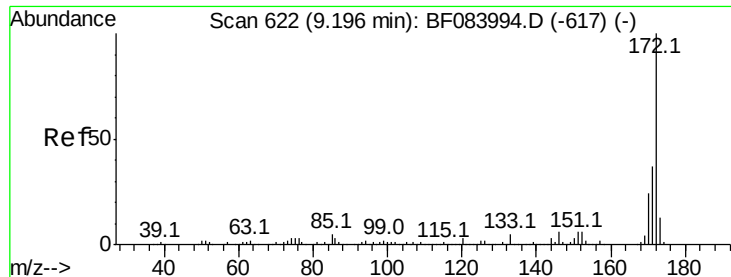
Tot Ion:164 Resp: 174253
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 46.7 37.5 56.3



#41
2,4,6-Tribromophenol
Concen: 62.96 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF084053.D
Acq: 24 Dec 2015 00:30

Tgt Ion:330 Resp: 105529
Ion Ratio Lower Upper
330 100
332 98.7 76.6 114.8
141 37.3 27.8 41.6

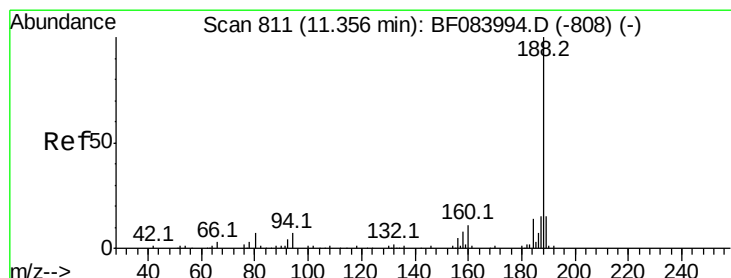
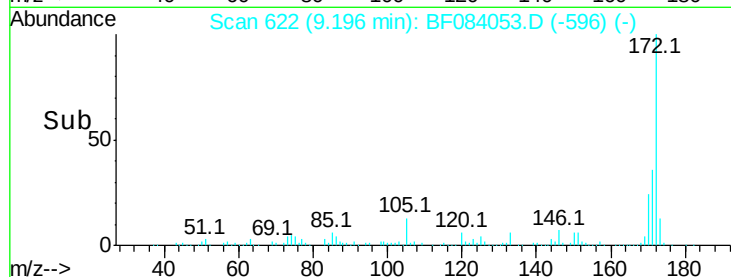
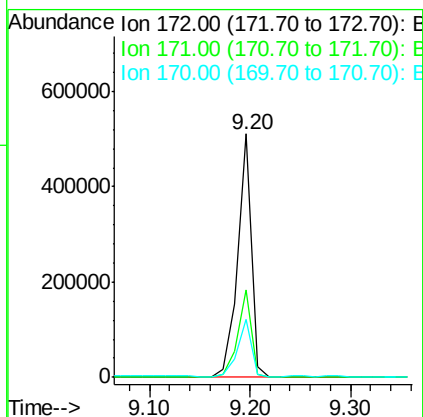
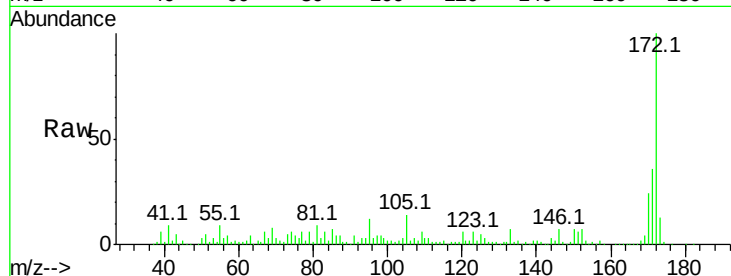




#44
 2-Fluorobiphenyl
 Concen: 37.35 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084053.D
 Acq: 24 Dec 2015 00:30

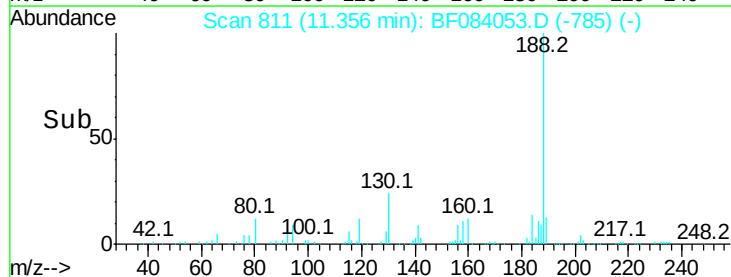
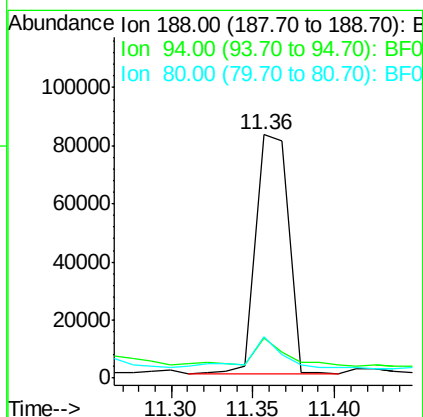
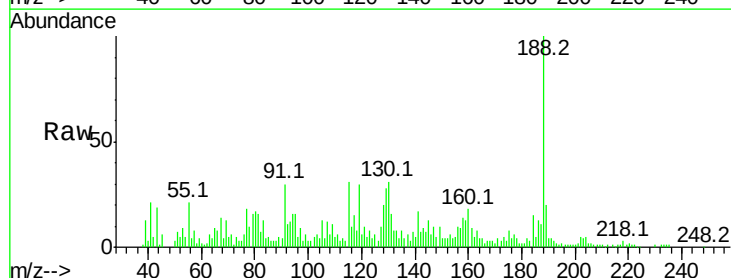
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

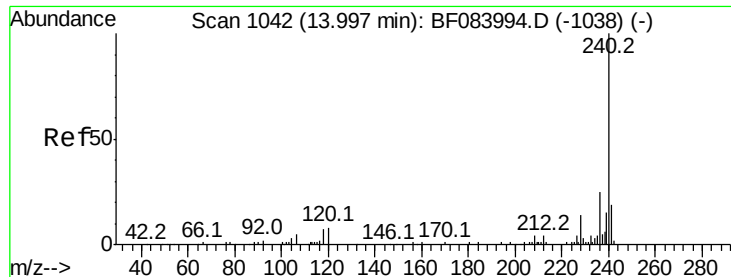
Tot Ion:172 Resp: 483556
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.8 18.6 27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084053.D
 Acq: 24 Dec 2015 00:30

Tgt Ion:188 Resp: 115430
 Ion Ratio Lower Upper
 188 100
 94 16.4 9.0 13.4#
 80 17.2 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084053.D

Acq: 24 Dec 2015 00:30

Instrument :

BNA_F

ClientSampleId :

MW-01

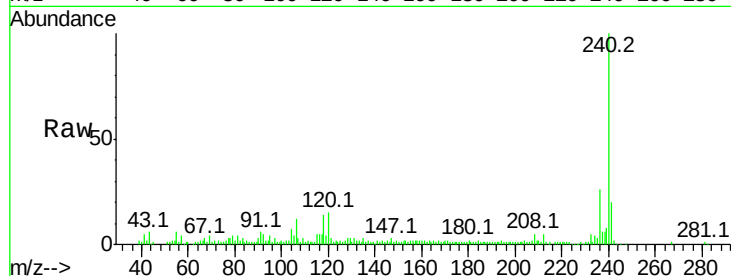
Tot Ion:240 Resp: 88738

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

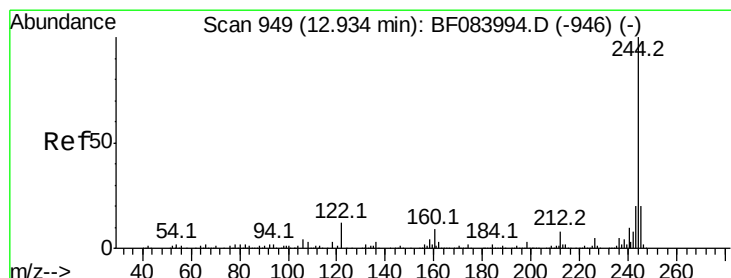
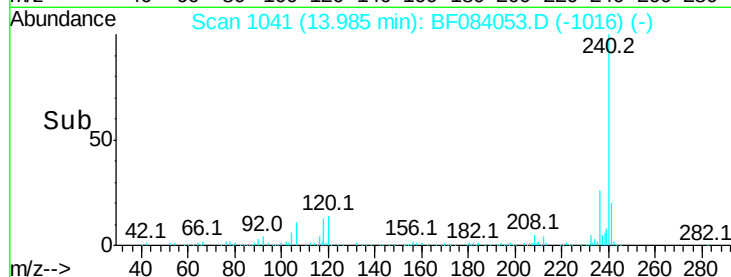
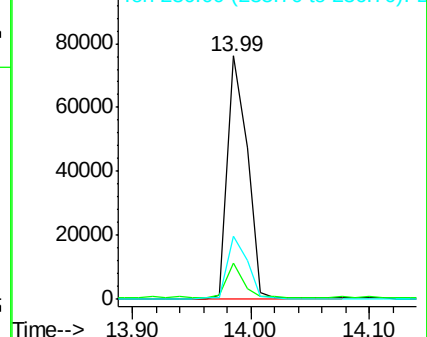
236 25.8 20.6 31.0



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



#78

Terphenyl-d14

Concen: 74.77 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084053.D

Acq: 24 Dec 2015 00:30

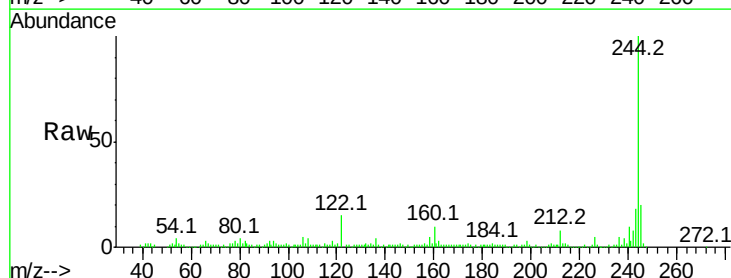
Tgt Ion:244 Resp: 278207

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

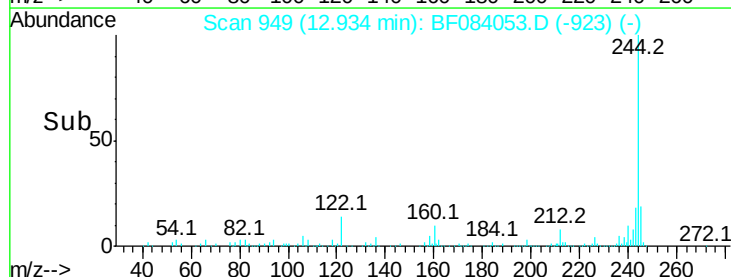
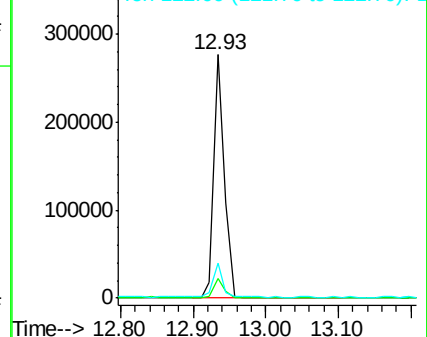
122 14.6 7.4 11.0#

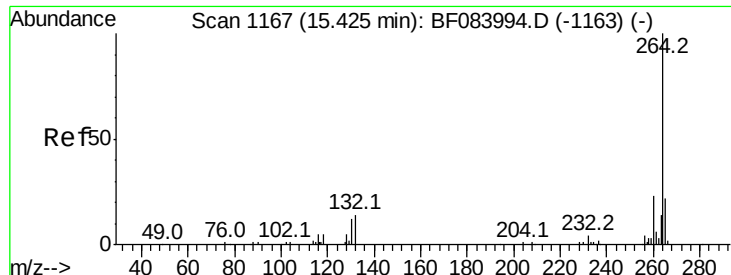


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



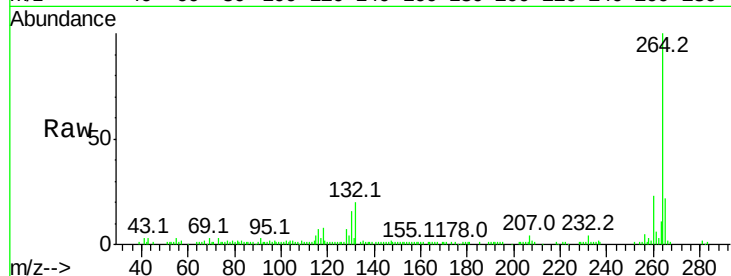


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084053.D
Acq: 24 Dec 2015 00:30

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion: 264 Resp: 88655

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.7	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

