

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084054.D
 Acq On : 24 Dec 2015 00:58
 Operator : UM/SJ
 Sample : G4907-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Dec 24 07:55:27 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	47178	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	172890	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	62468	20.00	ng	0.01
63) Phenanthrene-d10	11.37	188	97962	20.00	ng	0.01
75) Chrysene-d12	14.00	240	84672	20.00	ng	0.00
86) Perylene-d12	15.43	264	85375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	109533	39.59	ng	0.00
7) Phenol-d6	6.51	99	85377	26.24	ng	0.03
23) Nitrobenzene-d5	7.39	82	216832	77.05	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	66848	111.25	ng	0.03
44) 2-Fluorobiphenyl	9.20	172	332176	71.56	ng	0.00
78) Terphenyl-d14	12.94	244	222968	62.80	ng	0.01

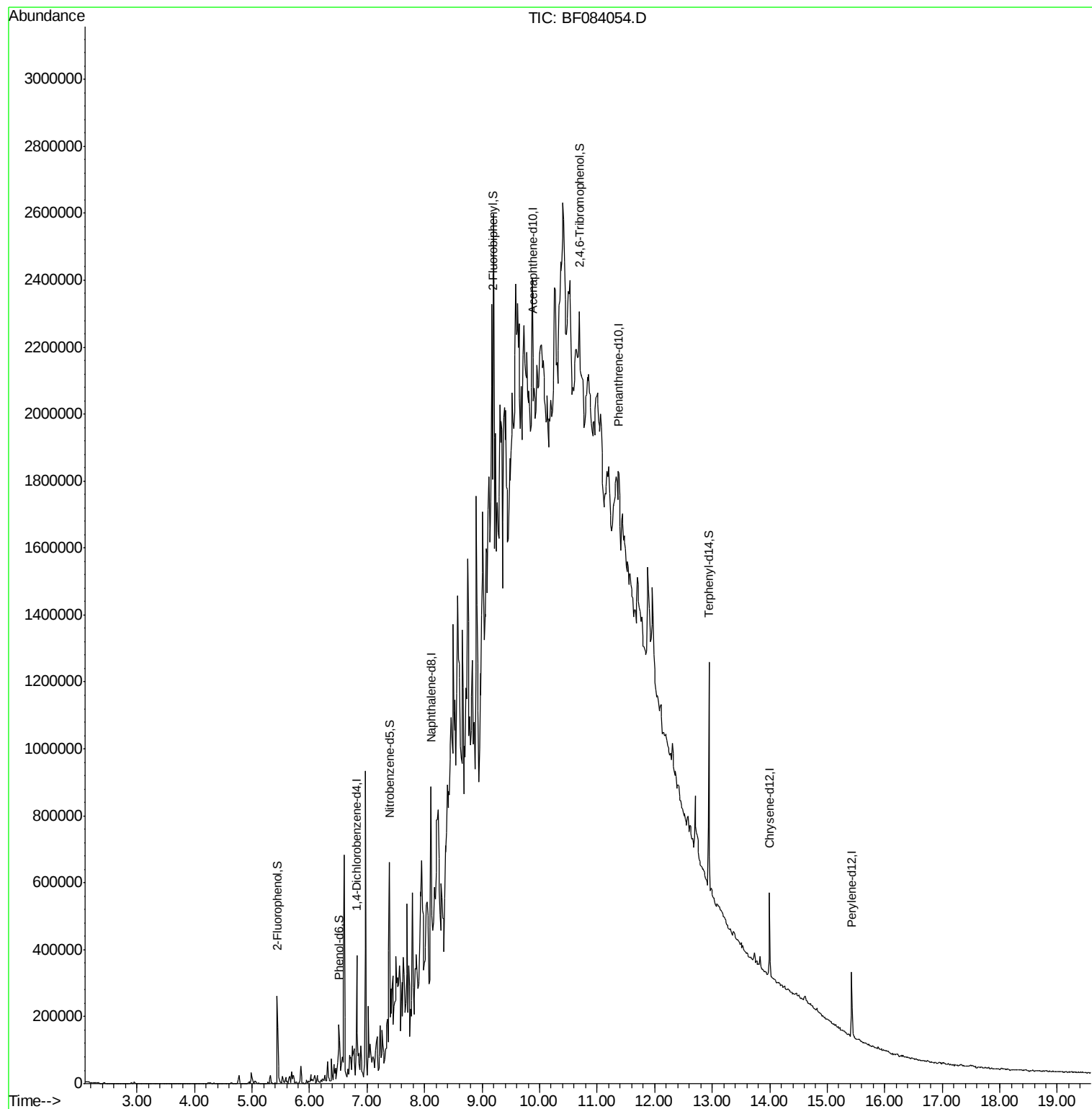
Target Compounds Qvalue

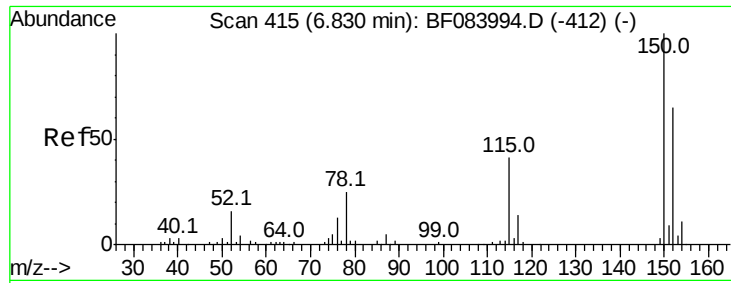
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084054.D

Acq: 24 Dec 2015 00:58

Instrument :

BNA_F

ClientSampleId :

MW-12

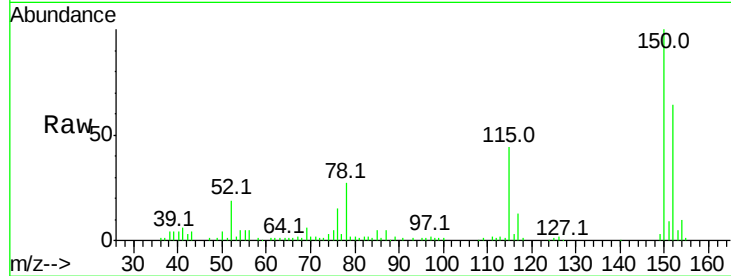
Tot Ion:152 Resp: 47178

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

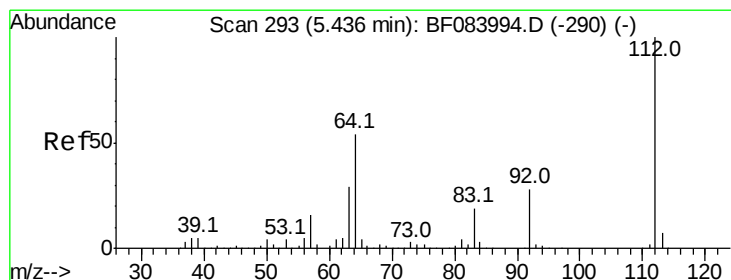
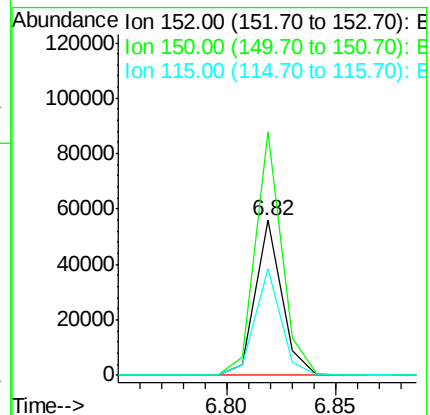
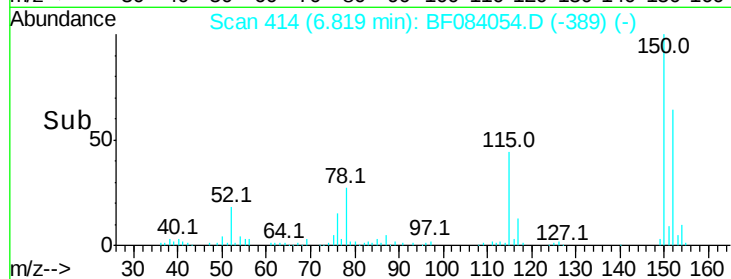
115 68.6 51.4 77.2



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: 39.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084054.D

Acq: 24 Dec 2015 00:58

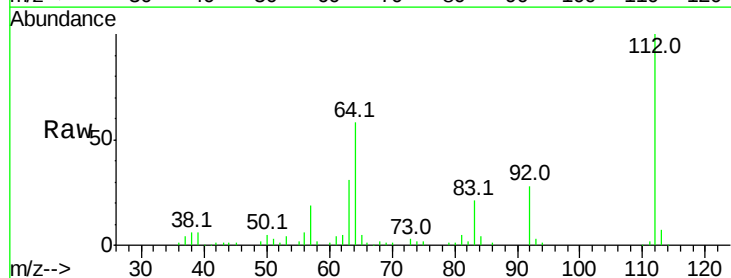
Tgt Ion:112 Resp: 109533

Ion Ratio Lower Upper

112 100

64 58.3 36.6 55.0#

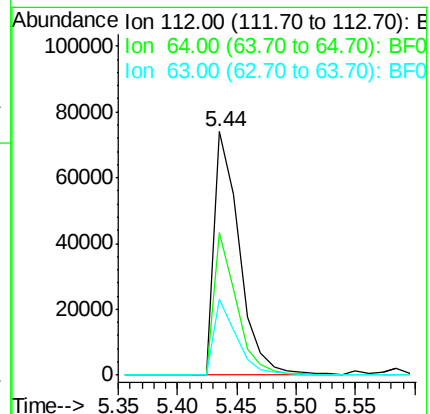
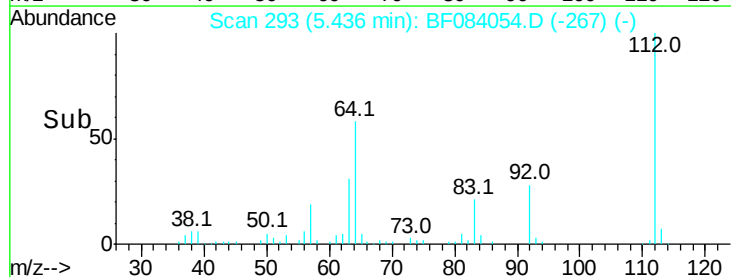
63 31.3 19.4 29.0#

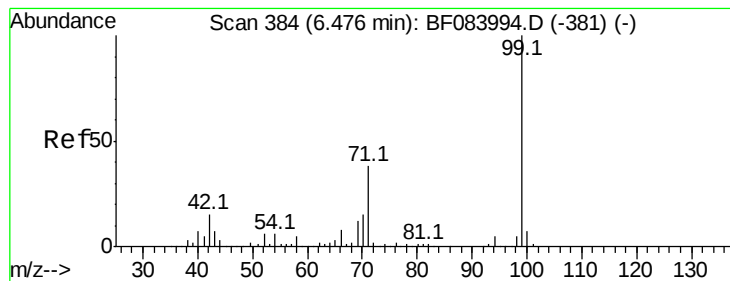


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.24 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.03 min

Lab File: BF084054.D

Acq: 24 Dec 2015 00:58

Instrument :

BNA_F

ClientSampled :

MW-12

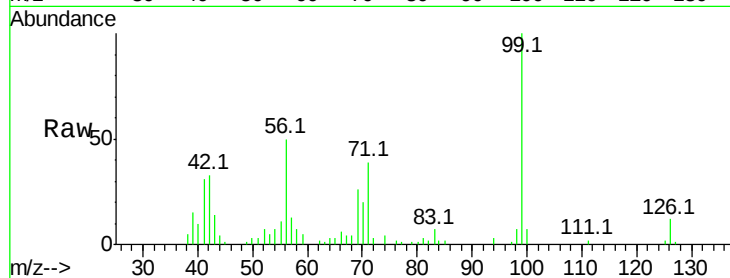
Tot Ion: 99 Resp: 85377

Ion Ratio Lower Upper

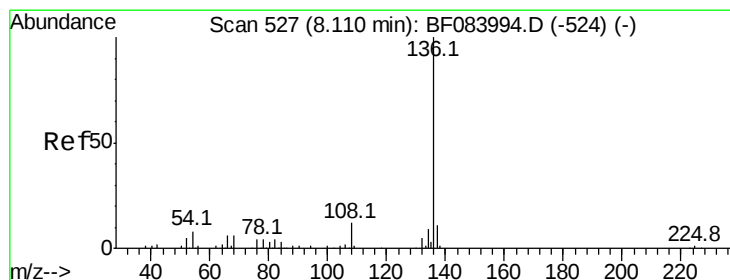
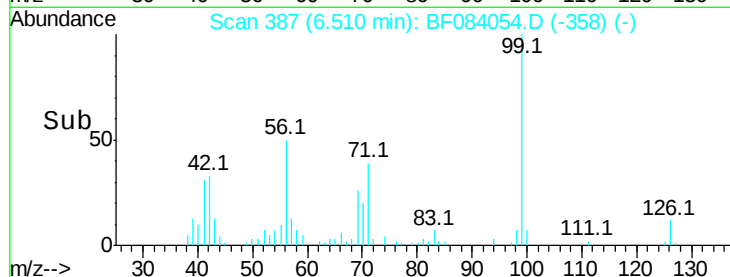
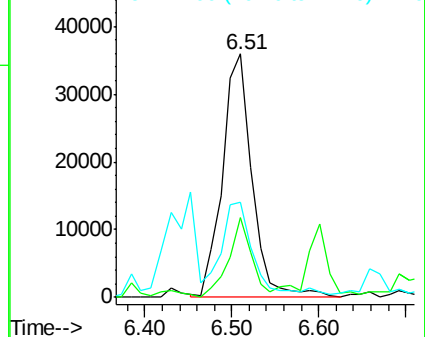
99 100

42 32.5 12.8 19.2#

71 38.9 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: BF084054.D

Acq: 24 Dec 2015 00:58

Tgt Ion: 136 Resp: 172890

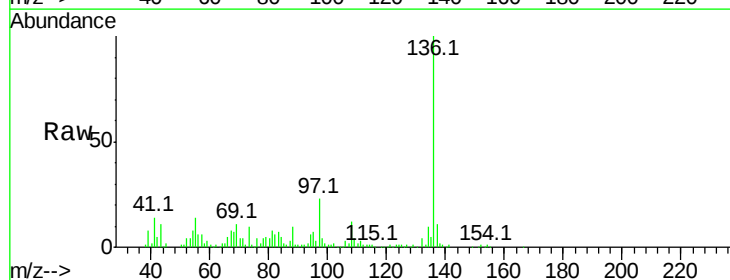
Ion Ratio Lower Upper

136 100

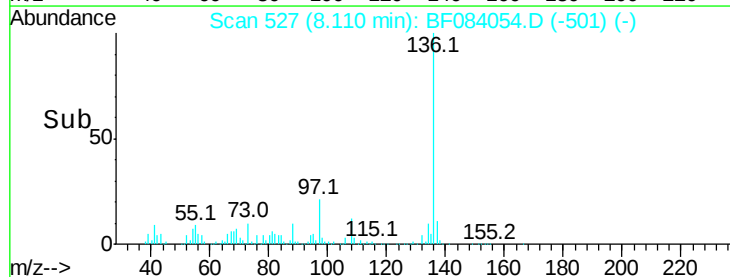
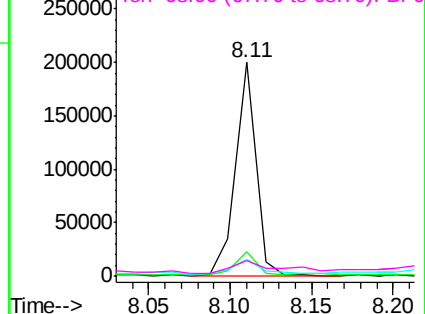
137 11.4 8.7 13.1

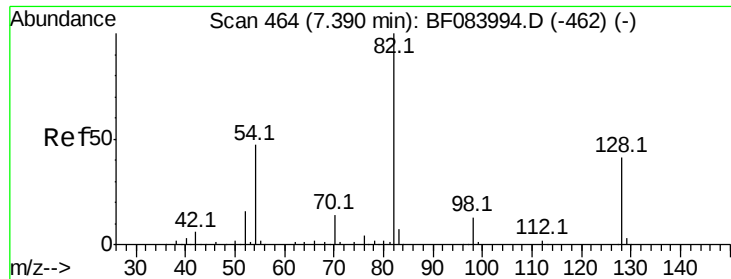
54 7.9 5.8 8.8

68 7.4 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

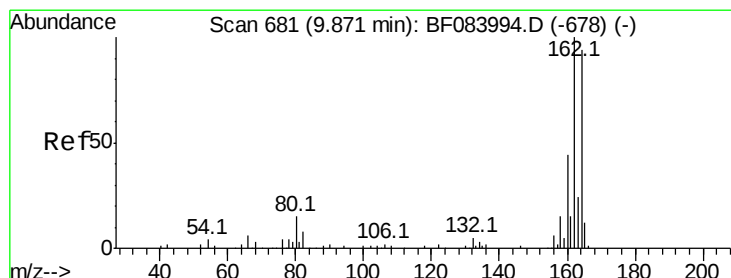
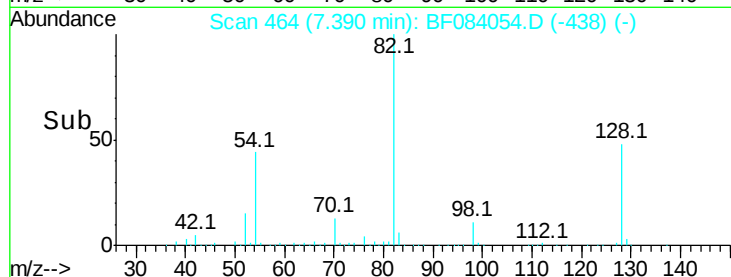
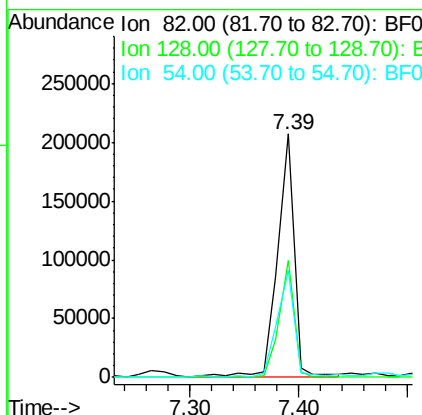
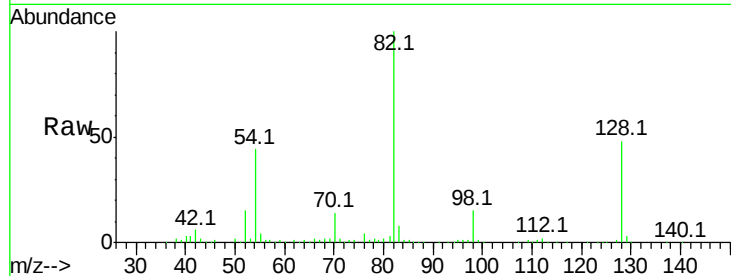




#23
Nitrobenzene-d5
Concen: 77.05 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

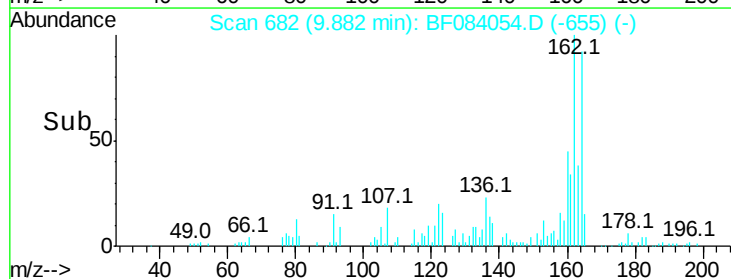
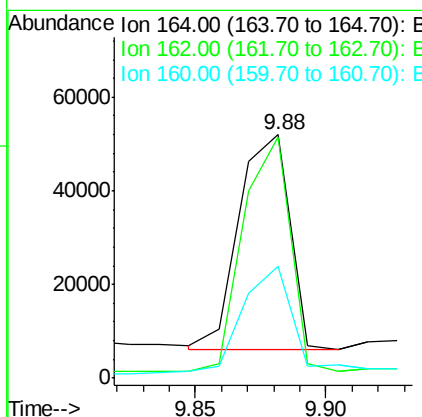
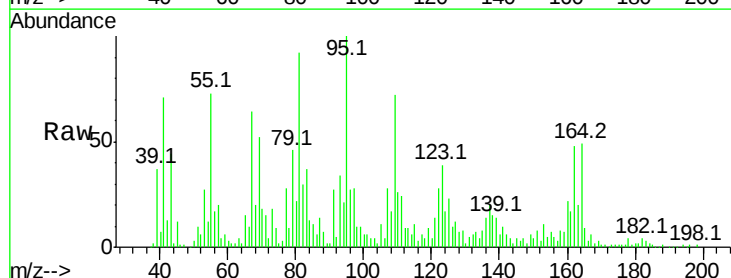
Instrument :
BNA_F
ClientSampleId :
MW-12

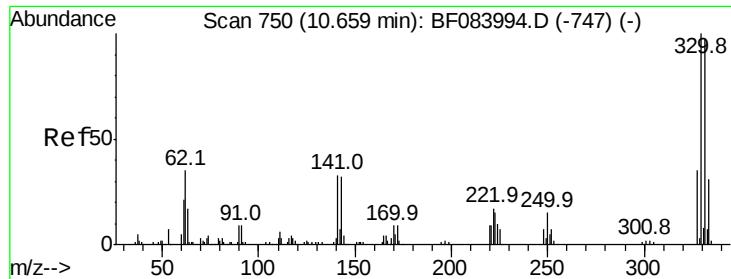
Tot Ion	82	Resp	216832
Ion Ratio	100	Lower	Upper
128	48.0	34.6	51.8
54	44.0	38.4	57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion	164	Resp	62468
Ion Ratio	100	Lower	Upper
162	99.0	85.1	127.7
160	46.1	37.5	56.3

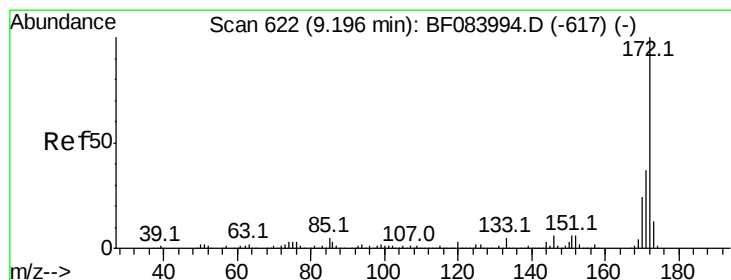
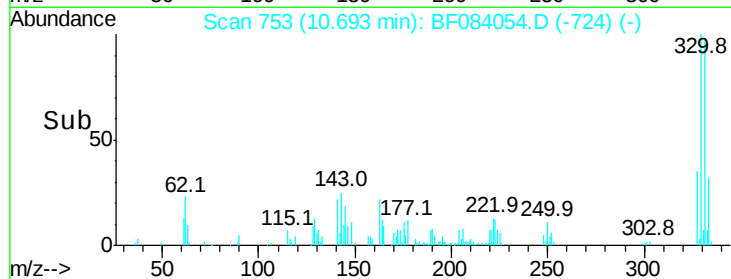
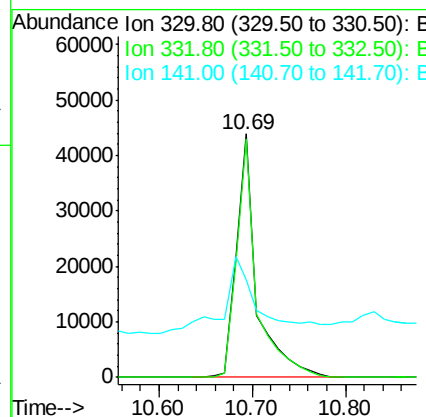
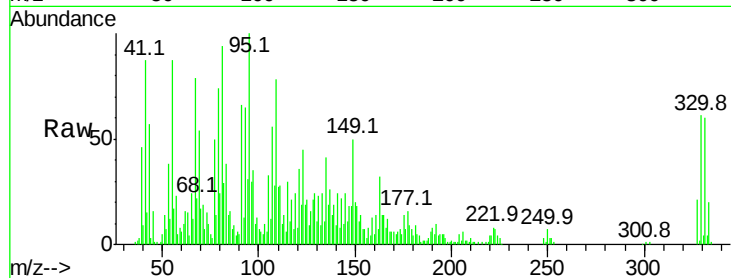




#41
 2,4,6-Tribromophenol
 Concen: 111.25 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.03 min
 Lab File: BF084054.D
 Acq: 24 Dec 2015 00:58

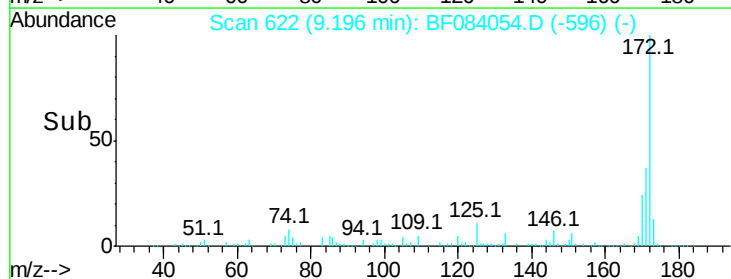
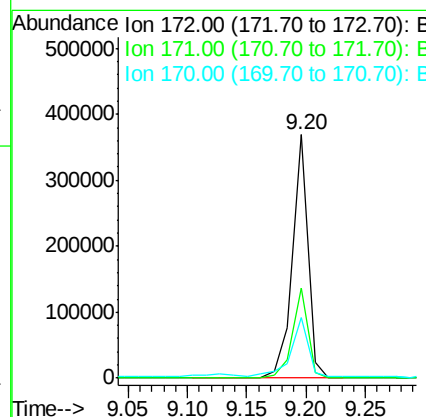
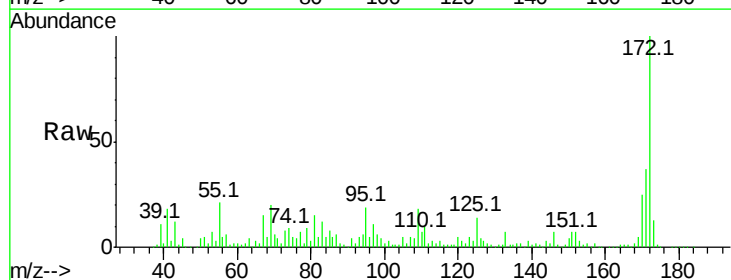
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

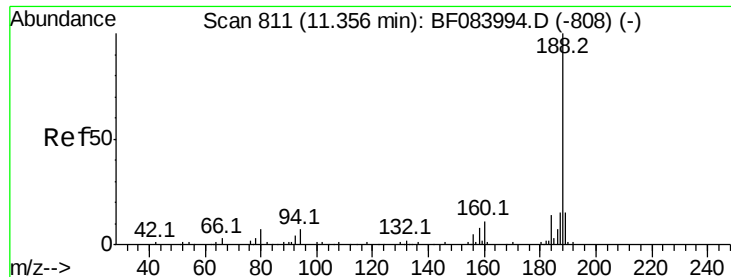
Tot Ion:330 Resp: 66848
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 53.1 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 71.56 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084054.D
 Acq: 24 Dec 2015 00:58

Tgt Ion:172 Resp: 332176
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.7 18.6 27.8

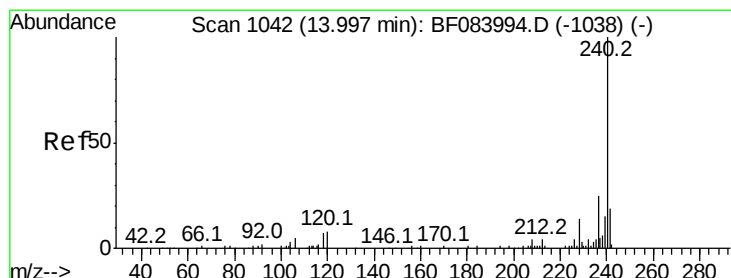
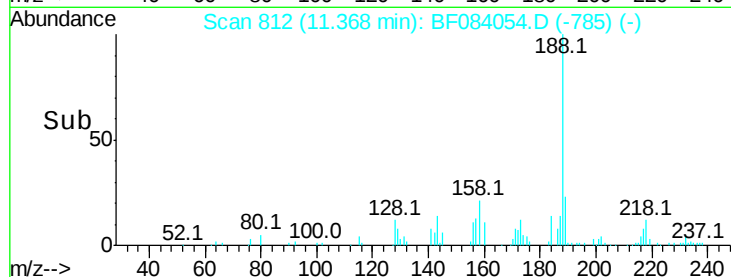
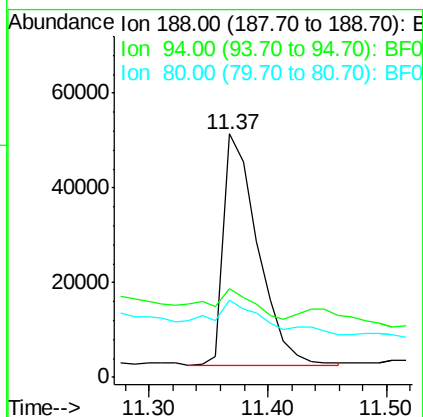
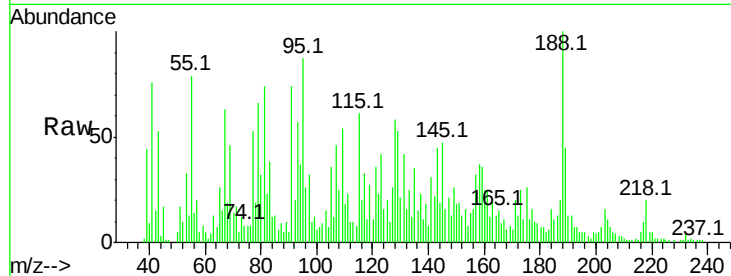




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

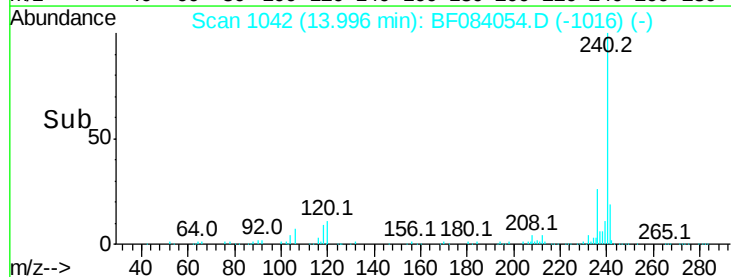
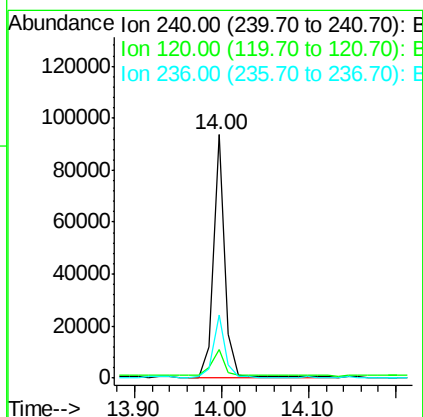
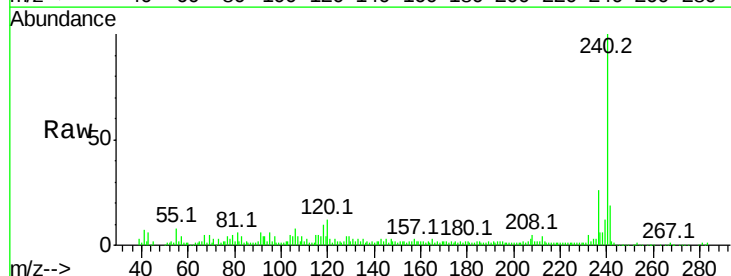
Instrument :
BNA_F
ClientSampleId :
MW-12

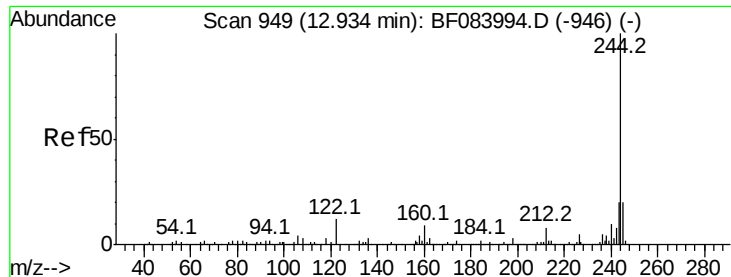
Tot Ion:188 Resp: 97962
Ion Ratio Lower Upper
188 100
94 36.6 9.0 13.4#
80 31.6 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:240 Resp: 84672
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.9 20.6 31.0





#78

Terphenyl-d14

Concen: 62.80 ng

RT: 12.94 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF084054.D

Acq: 24 Dec 2015 00:58

Instrument :

BNA_F

ClientSampleId :

MW-12

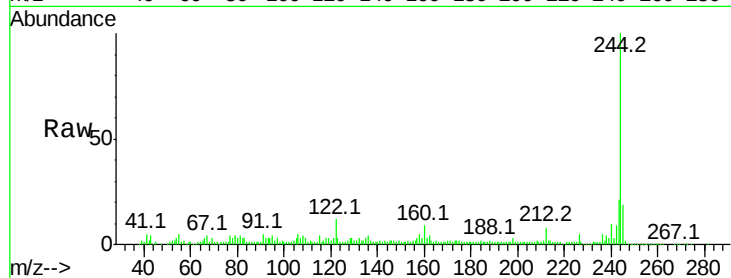
Tot Ion:244 Resp: 222968

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

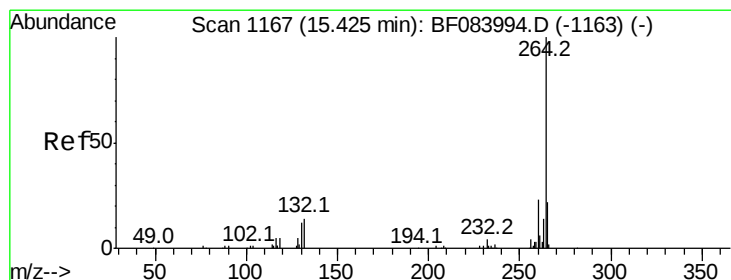
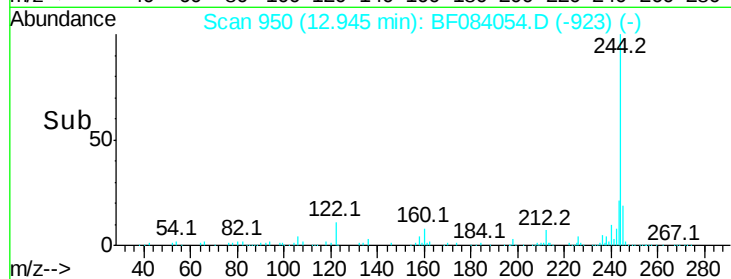
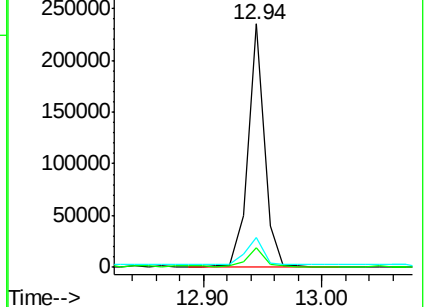
122 12.1 7.4 11.0#



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: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084054.D

Acq: 24 Dec 2015 00:58

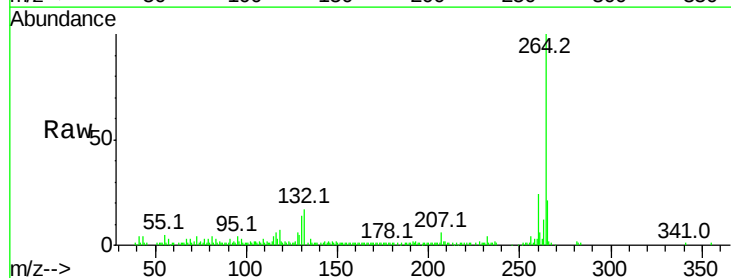
Tgt Ion:264 Resp: 85375

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 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

