

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082698.D
 Acq On : 4 Nov 2015 13:52
 Operator : UM/IZ
 Sample : G4240-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Quant Time: Nov 04 23:16:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

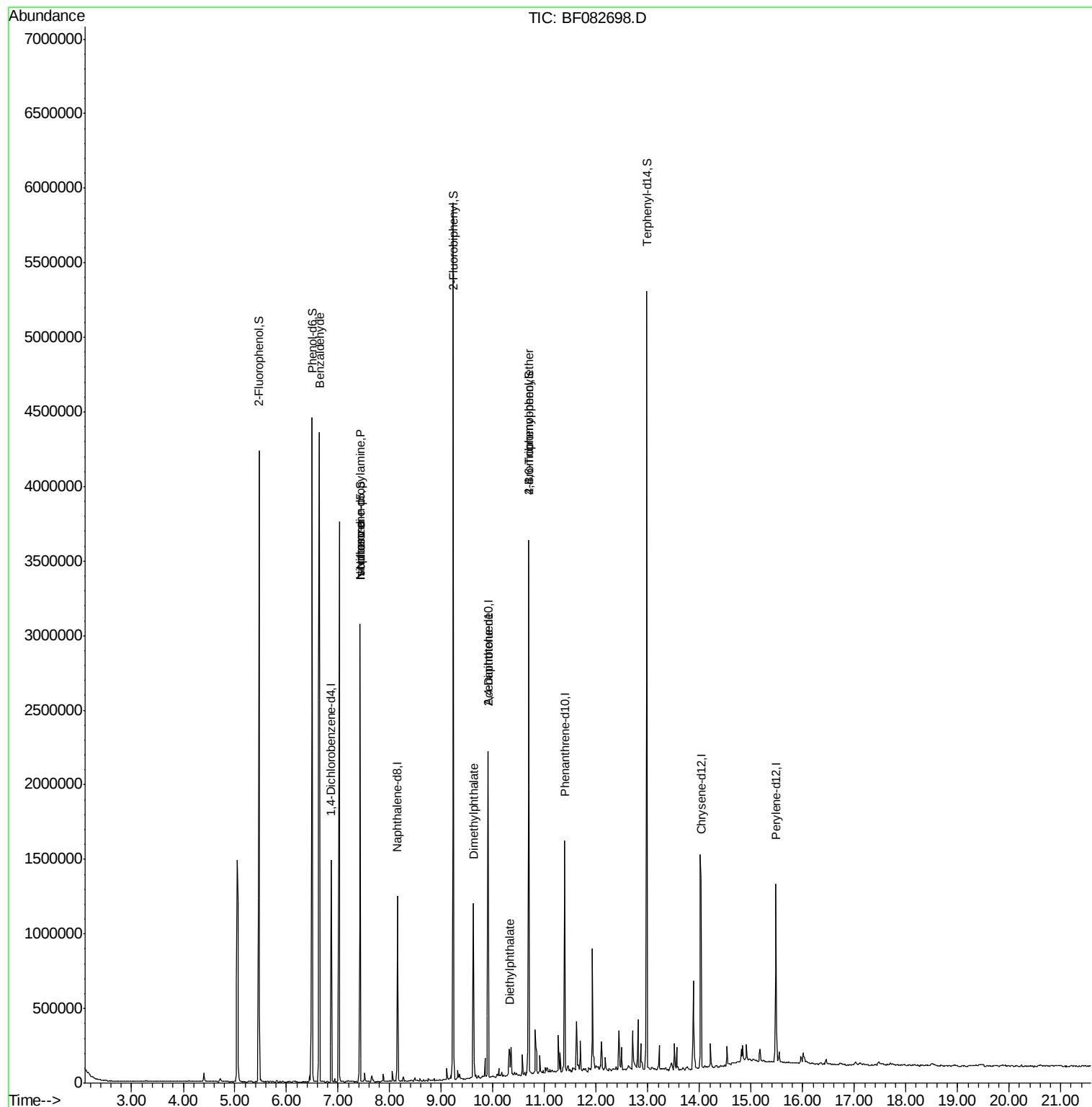
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	192953	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	691672	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	402694	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	765874	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	714479	20.00	ng	-0.02
86) Perylene-d12	15.48	264	561337	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1038807	81.09	ng	0.00
7) Phenol-d6	6.50	99	1666707	97.93	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1034719	61.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	469779	106.60	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1671202	58.92	ng	-0.02
78) Terphenyl-d14	12.98	244	1786434	54.72	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	36735	3.16	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	146143	11.33	ng	# 70
25) Isophorone	7.42	82	772726	24.80	ng	# 70
49) Dimethylphthalate	9.62	163	417226	12.69	ng	99
56) 2,4-Dinitrotoluene	9.90	165	53386	5.79	ng	# 16
59) Diethylphthalate	10.32	149	93045	2.78	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	34097	3.93	ng	# 1

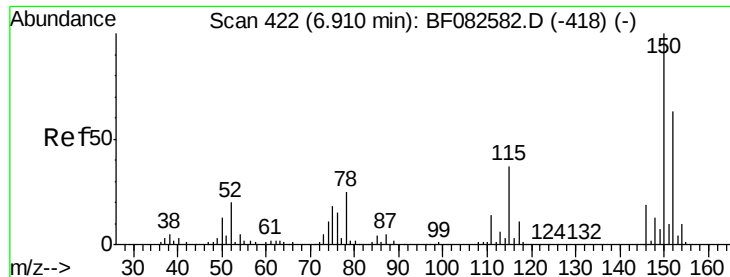
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

Instrument :

BNA_F

ClientSampleId :

MW-105

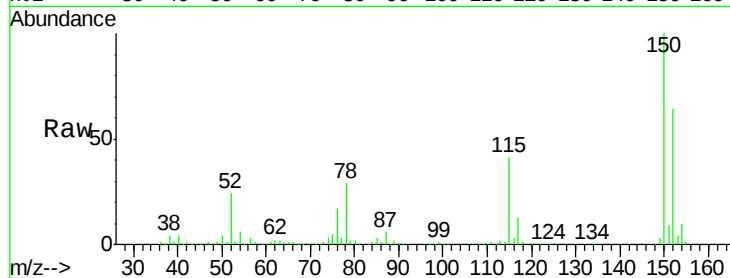
Tgt Ion:152 Resp: 192953

Ion Ratio Lower Upper

152 100

150 155.4 127.0 190.4

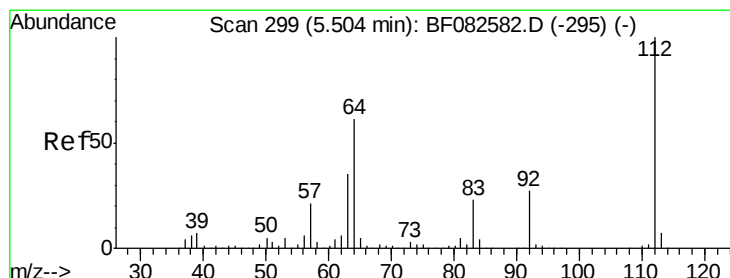
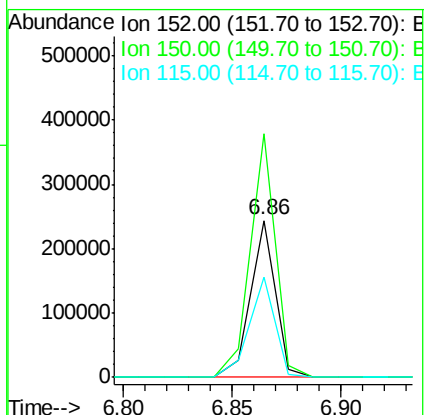
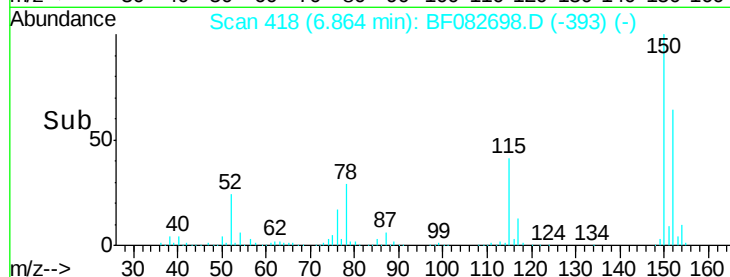
115 64.2 47.0 70.6



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: 81.09 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

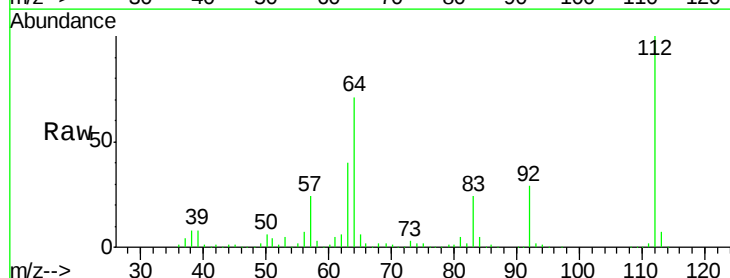
Tgt Ion:112 Resp: 1038807

Ion Ratio Lower Upper

112 100

64 71.3 48.9 73.3

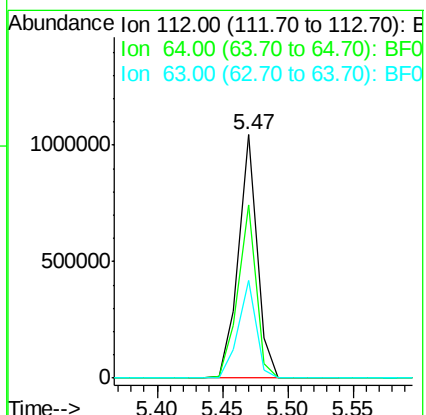
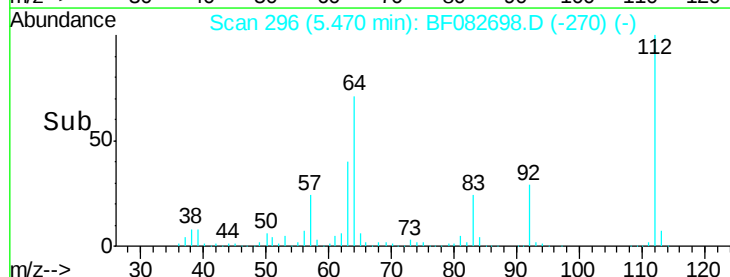
63 40.0 28.1 42.1

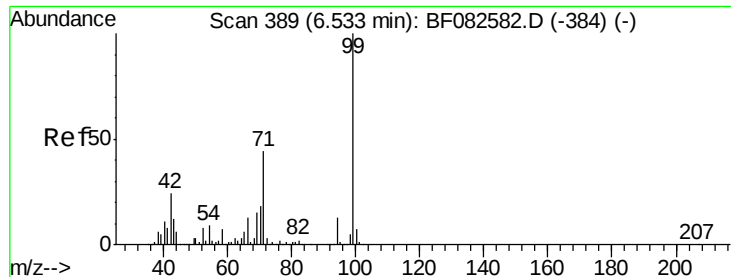


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.93 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

Instrument :

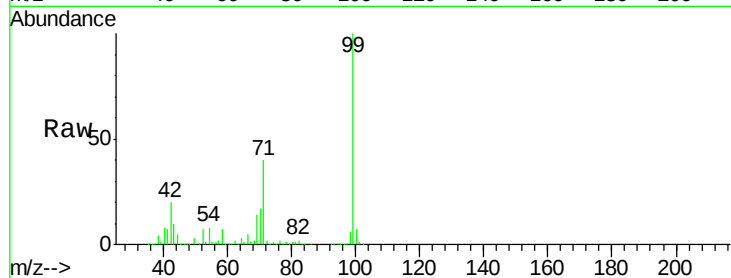
BNA_F

ClientSampleId :

MW-105

Tgt Ion: 99 Resp: 1666707

Ion	Ratio	Lower	Upper
99	100		
42	19.8	19.2	28.8
71	40.4	35.0	52.4

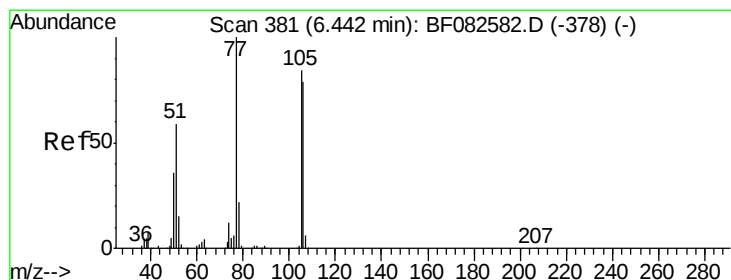
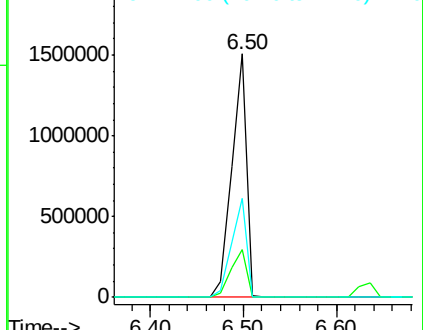
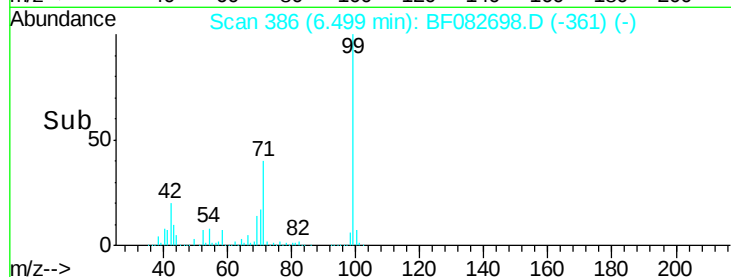


Abundance

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



#9

Benzaldehyde

Concen: 3.16 ng

RT: 6.64 min Scan# 398

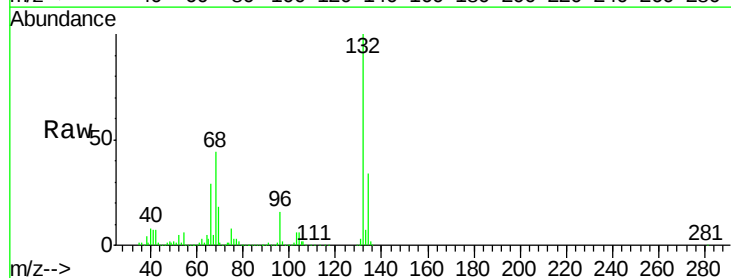
Delta R.T. 0.22 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

Tgt Ion: 77 Resp: 36735

Ion	Ratio	Lower	Upper
77	100		
105	73.8	63.5	103.5
106	67.3	59.3	99.3

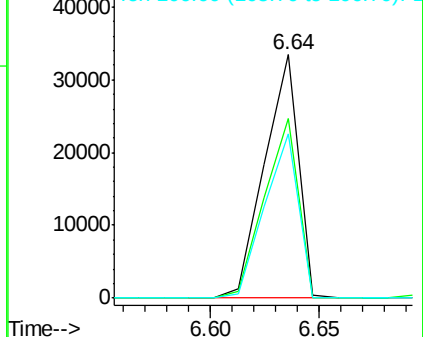
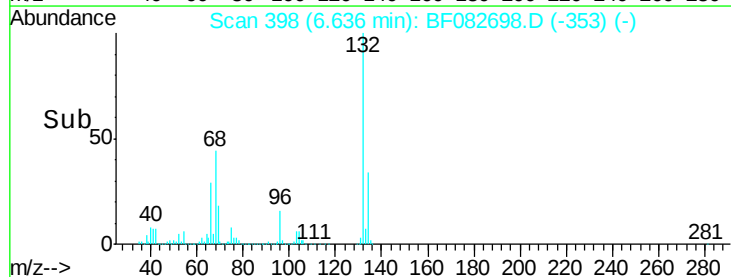


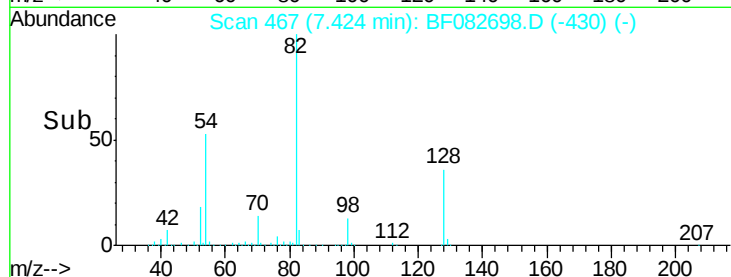
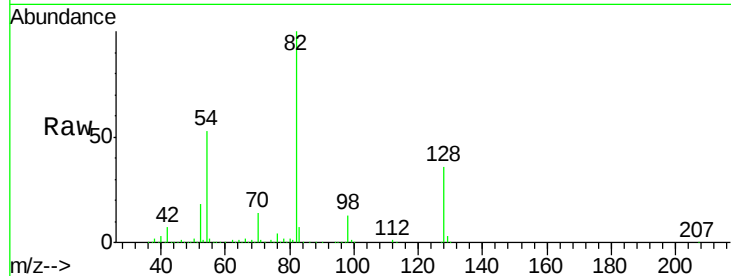
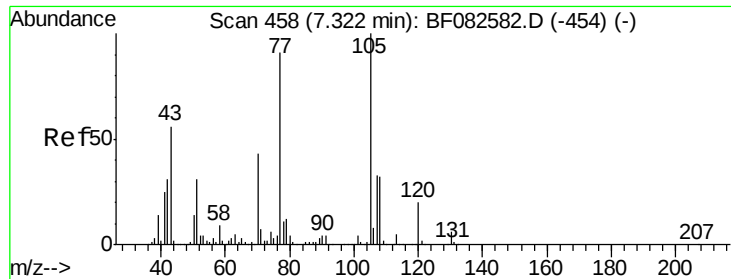
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

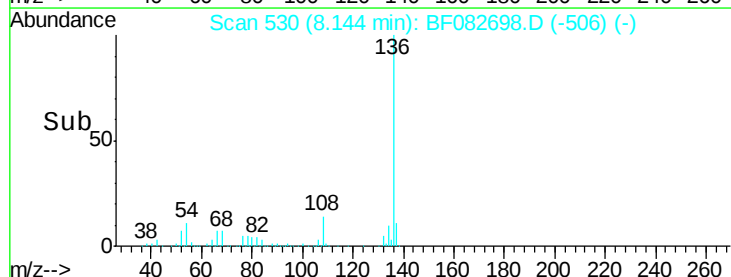
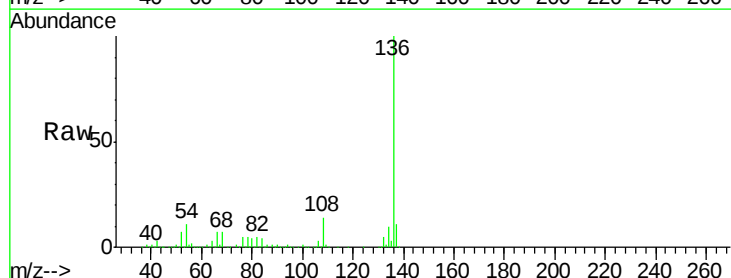
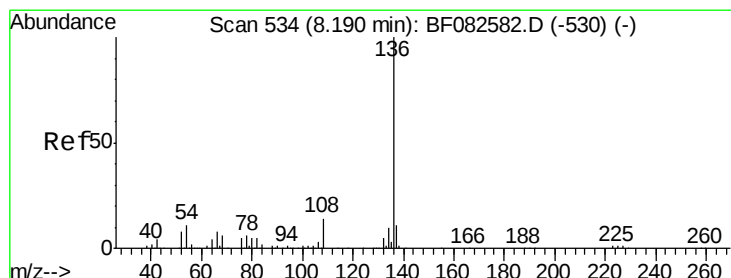
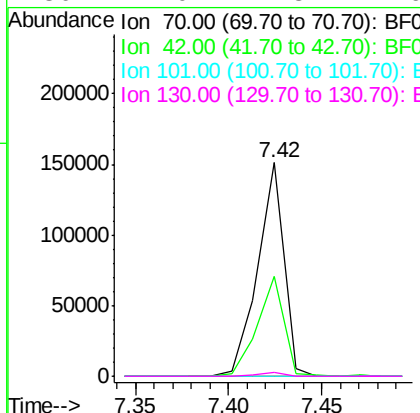




#19
n-Nitroso-di-n-propylamine
Concen: 11.33 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082698.D
Acq: 4 Nov 2015 13:52

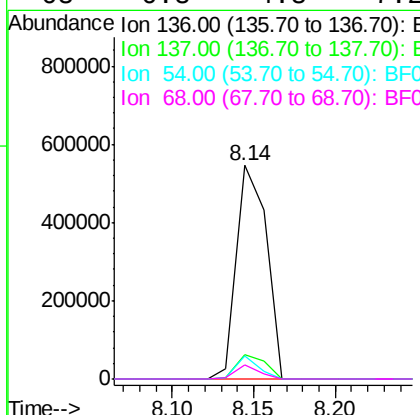
Instrument :
BNA_F
ClientSampleId :
MW-105

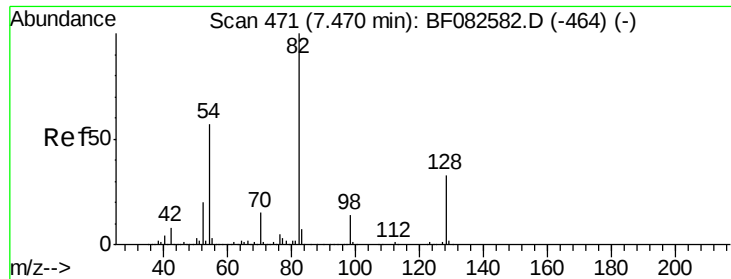
Tgt Ion: 70 Resp: 146143
Ion Ratio Lower Upper
70 100
42 46.9 57.7 86.5#
101 0.0 7.0 10.6#
130 2.0 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082698.D
Acq: 4 Nov 2015 13:52

Tgt Ion: 136 Resp: 691672
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.0 9.1 13.7
68 6.8 4.8 7.2

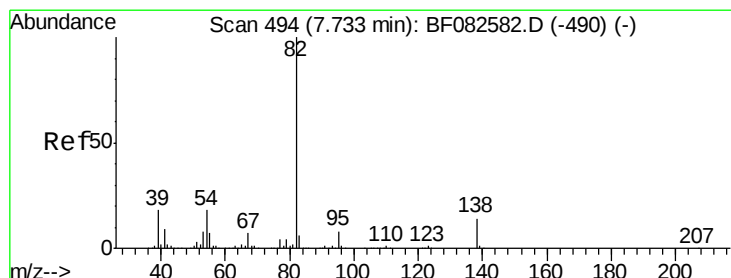
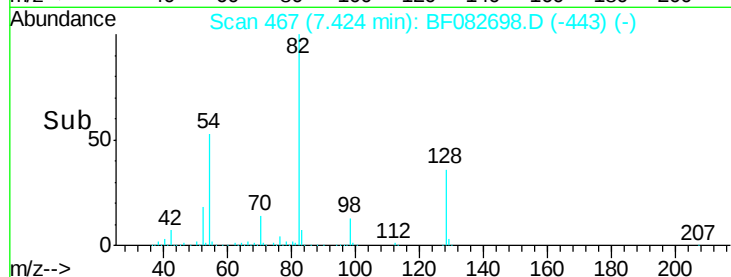
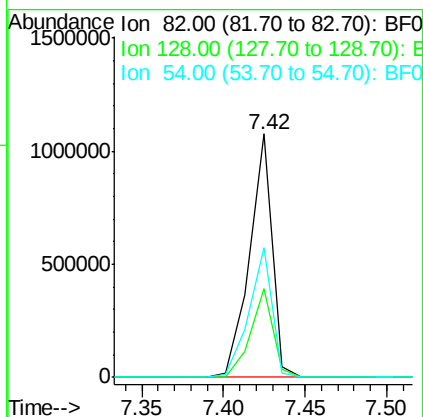
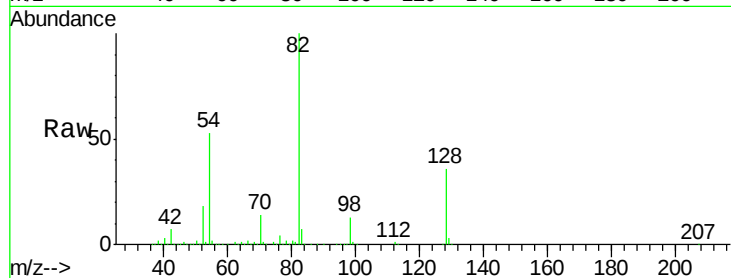




#23
 Nitrobenzene-d5
 Concen: 61.09 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082698.D
 Acq: 4 Nov 2015 13:52

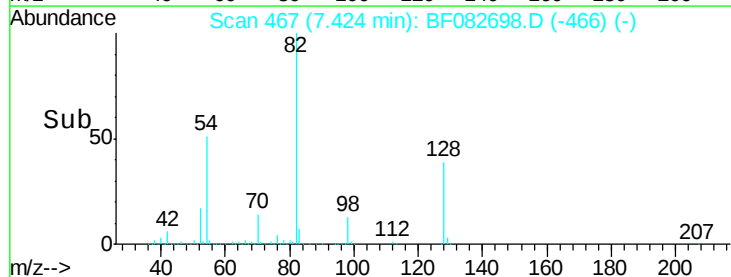
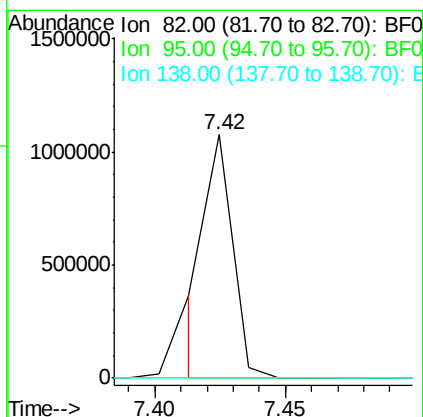
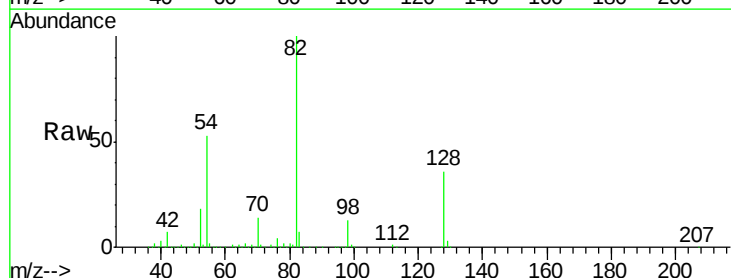
Instrument :
 BNA_F
 ClientSampleId :
 MW-105

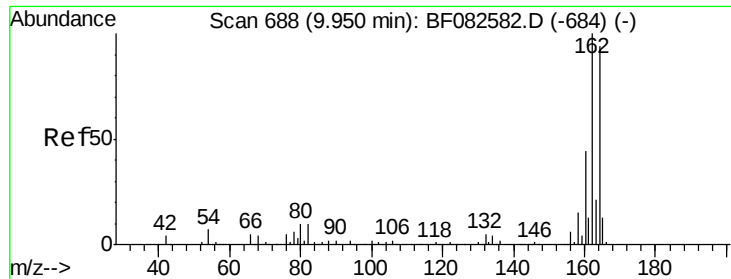
Tgt Ion: 82 Resp: 1034719
 Ion Ratio Lower Upper
 82 100
 128 36.3 26.8 40.2
 54 53.2 45.7 68.5



#25
 Isophorone
 Concen: 24.80 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082698.D
 Acq: 4 Nov 2015 13:52

Tgt Ion: 82 Resp: 772726
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

Instrument :

BNA_F

ClientSampleId :

MW-105

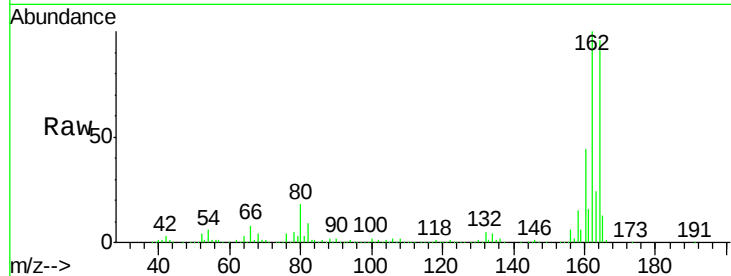
Tgt Ion:164 Resp: 402694

Ion Ratio Lower Upper

164 100

162 103.7 84.9 127.3

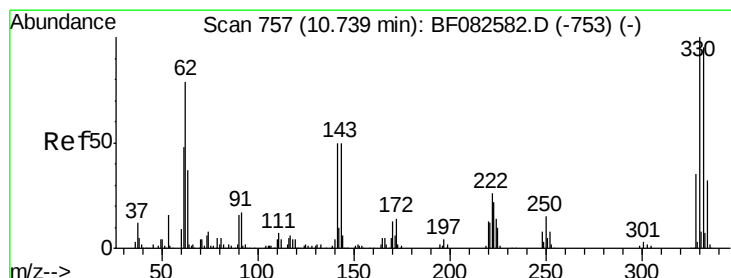
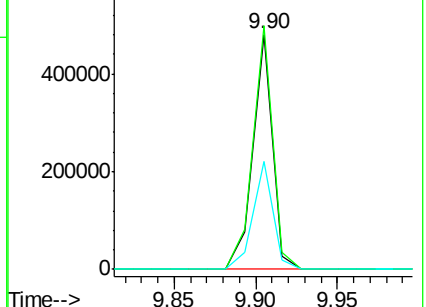
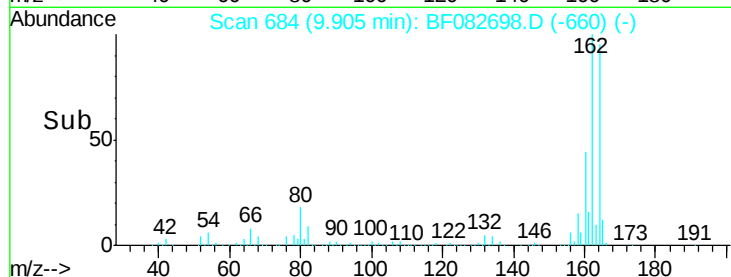
160 46.0 37.5 56.3



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: 106.60 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

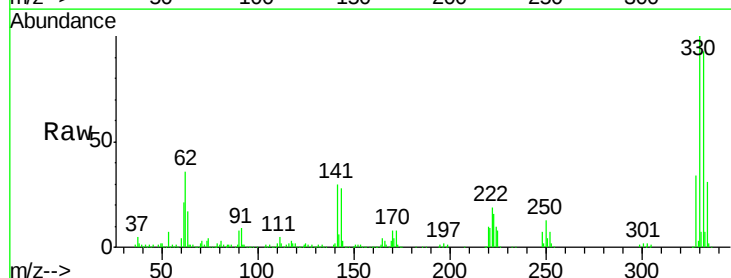
Tgt Ion:330 Resp: 469779

Ion Ratio Lower Upper

330 100

332 93.2 76.6 114.8

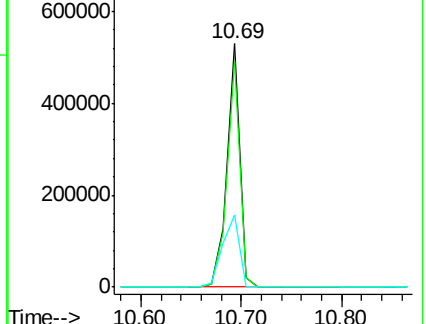
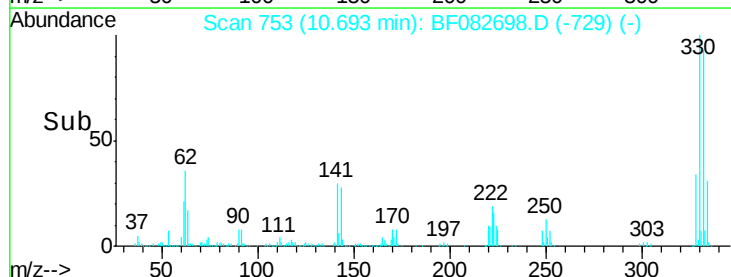
141 39.0 41.2 61.8#

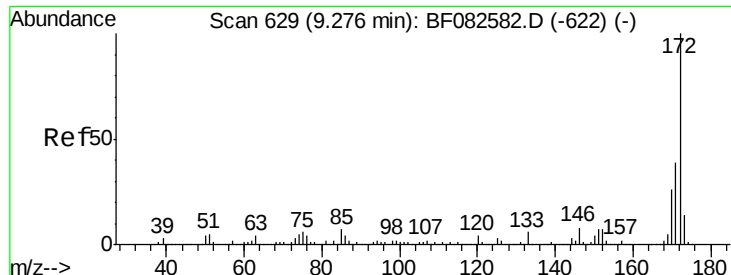


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

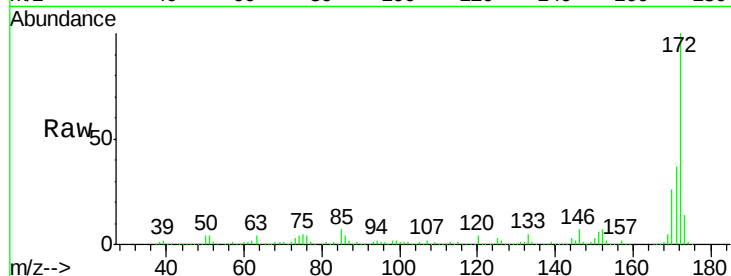




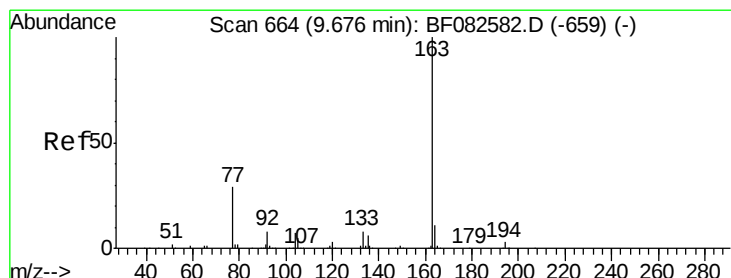
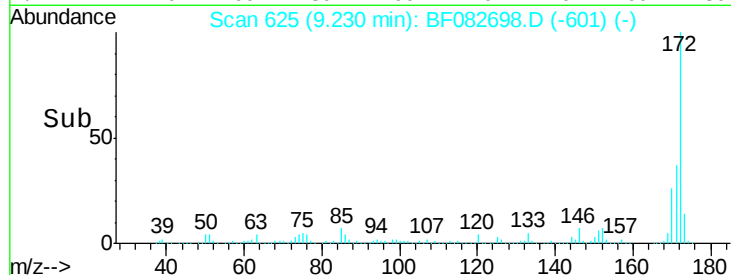
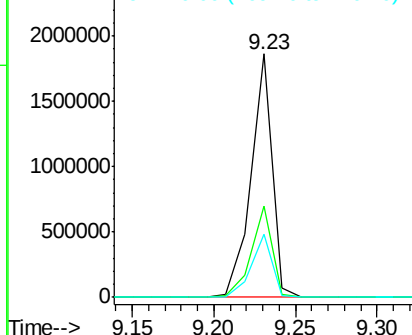
#44
 2-Fluorobiphenyl
 Concen: 58.92 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082698.D
 Acq: 4 Nov 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:172 Resp: 1671202
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.7 21.2 31.8

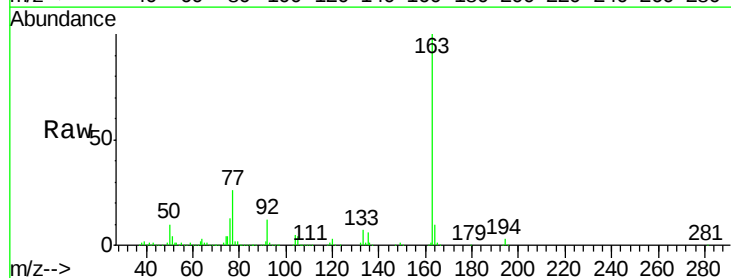


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

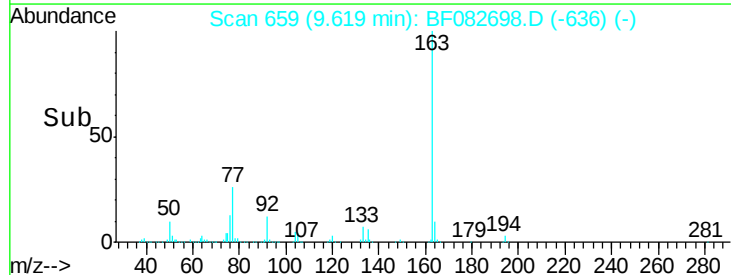
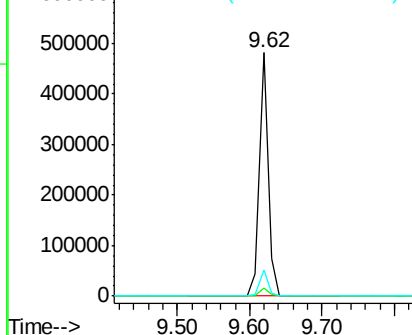


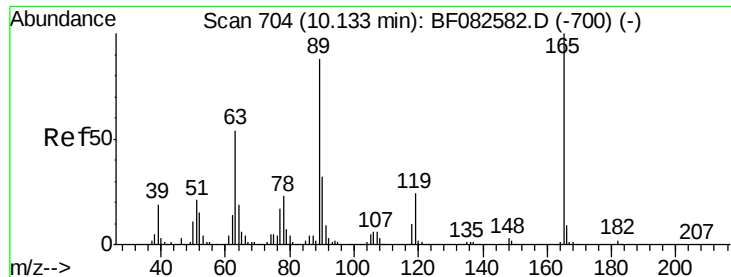
#49
 Dimethylphthalate
 Concen: 12.69 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082698.D
 Acq: 4 Nov 2015 13:52

Tgt Ion:163 Resp: 417226
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

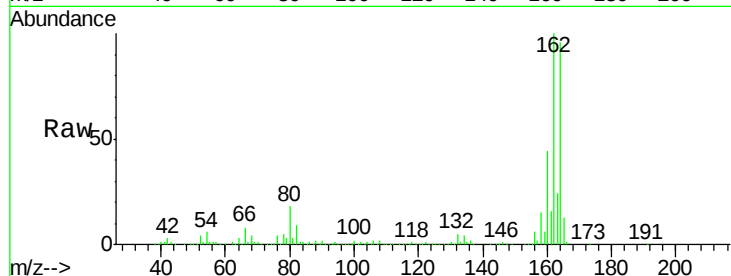




#56
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082698.D
Acq: 4 Nov 2015 13:52

Instrument :
BNA_F
ClientSampleId :
MW-105

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	2.0	70.6	106.0#
182	0.0	1.5	2.3#

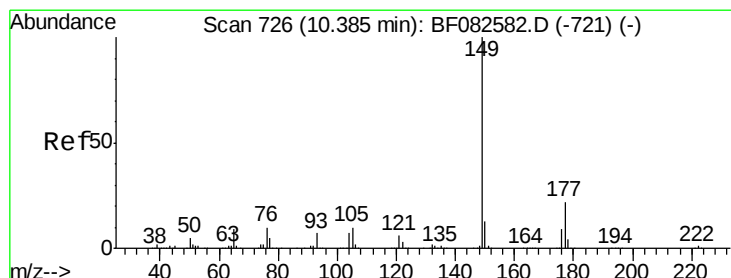
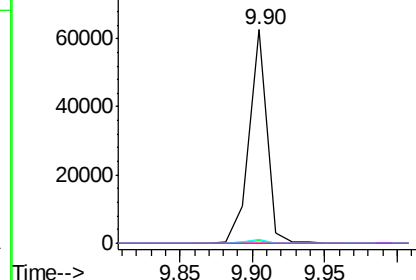
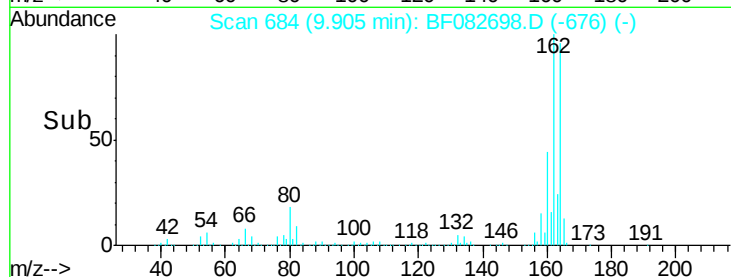


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

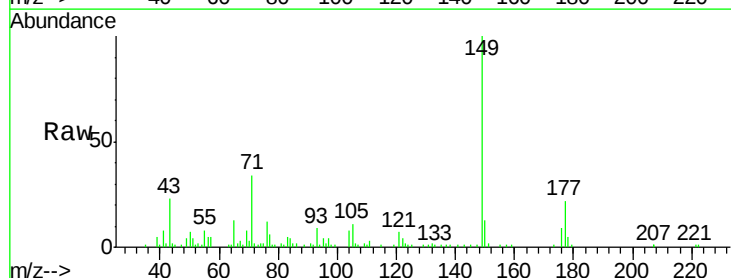
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 2.78 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF082698.D
Acq: 4 Nov 2015 13:52

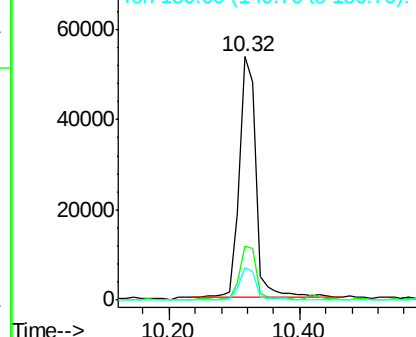
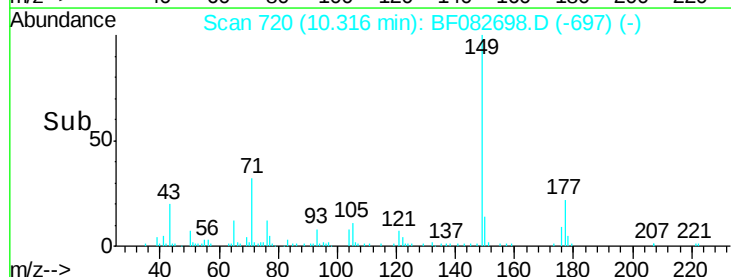
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.9	26.9
150	13.5	10.1	15.1

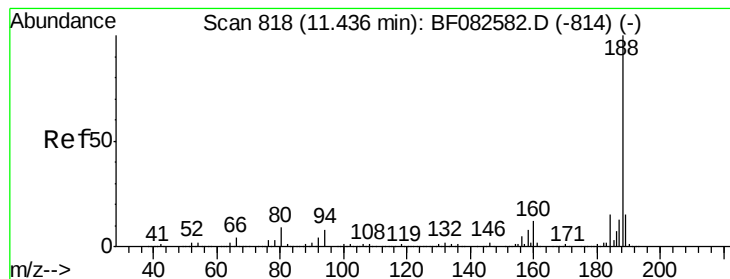


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

Instrument :

BNA_F

ClientSampleId :

MW-105

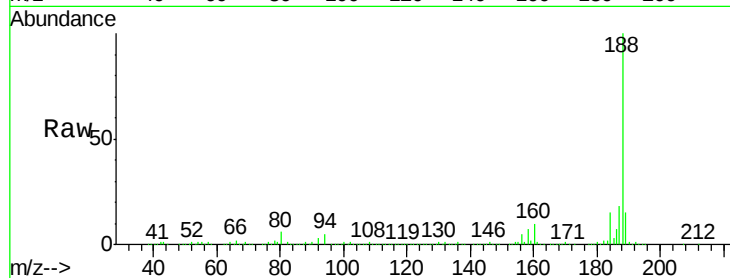
Tgt Ion:188 Resp: 765874

Ion Ratio Lower Upper

188 100

94 5.3 6.1 9.1#

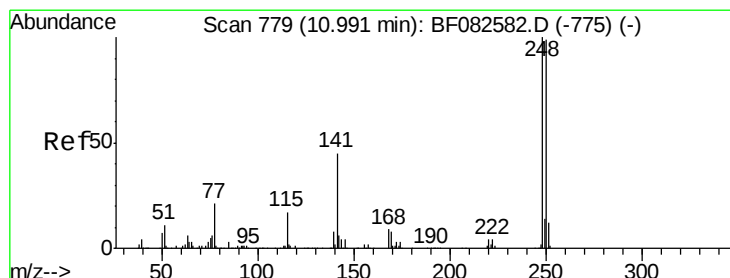
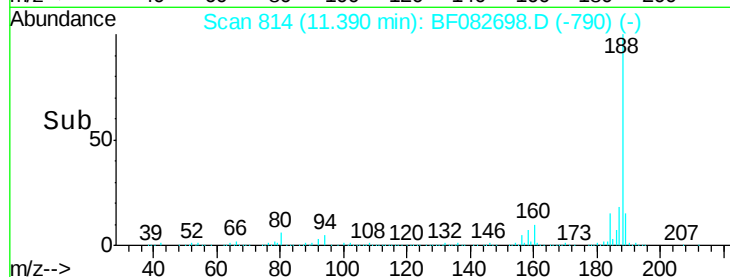
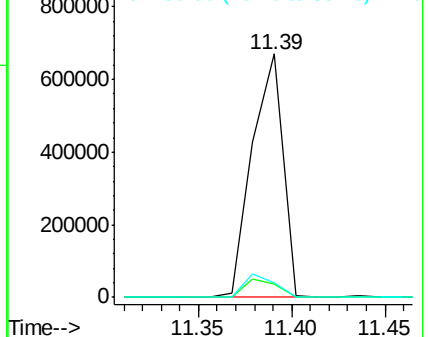
80 5.8 7.0 10.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.93 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

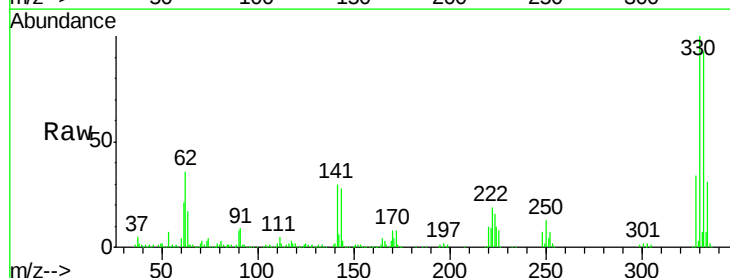
Tgt Ion:248 Resp: 34097

Ion Ratio Lower Upper

248 100

250 196.3 79.4 119.2#

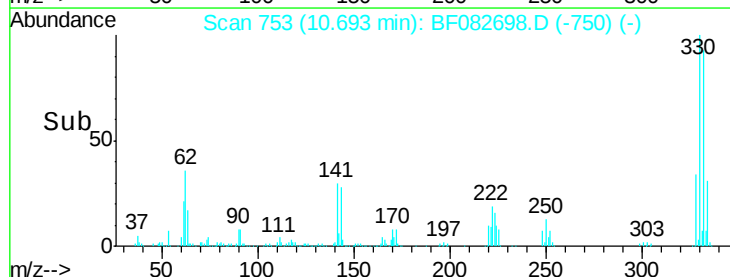
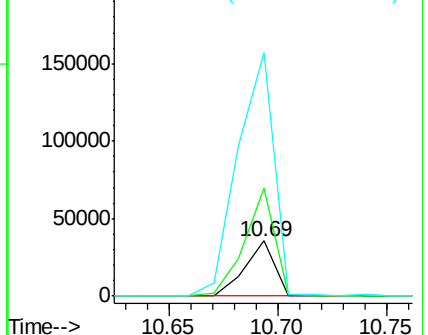
141 441.4 36.3 54.5#

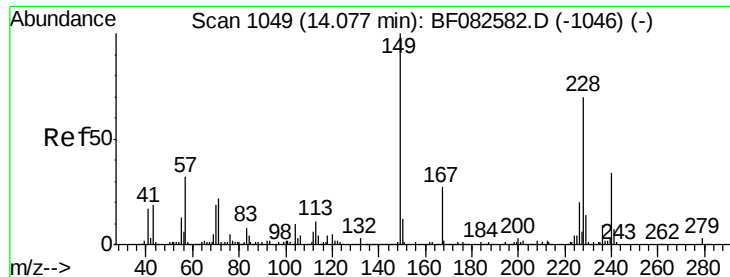


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

Instrument :

BNA_F

ClientSampleId :

MW-105

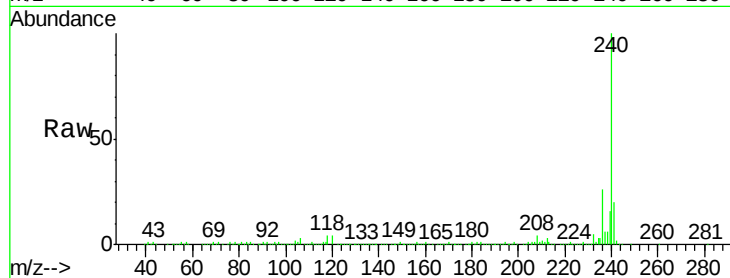
Tgt Ion:240 Resp: 714479

Ion Ratio Lower Upper

240 100

120 4.4 10.9 16.3#

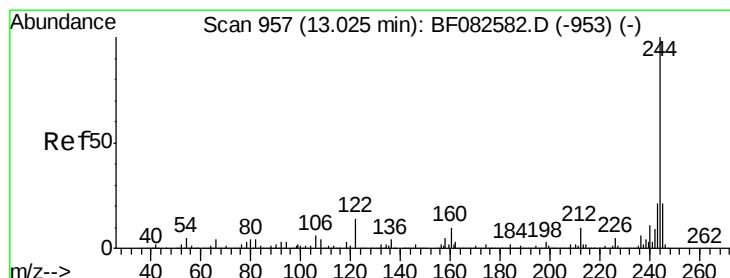
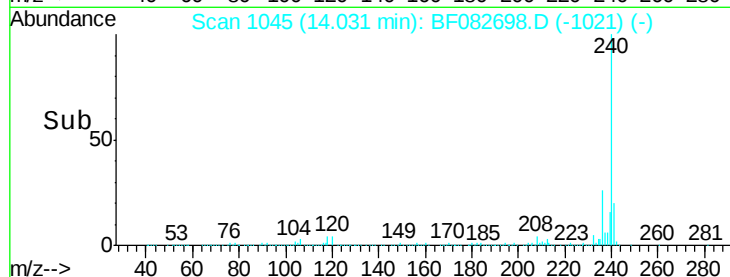
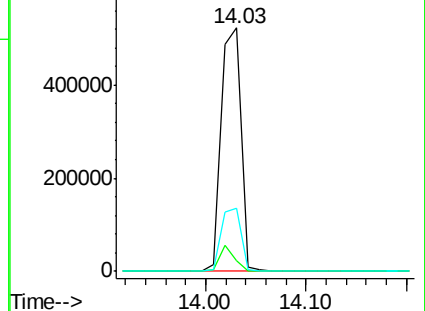
236 26.1 21.6 32.4



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: 54.72 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082698.D

Acq: 4 Nov 2015 13:52

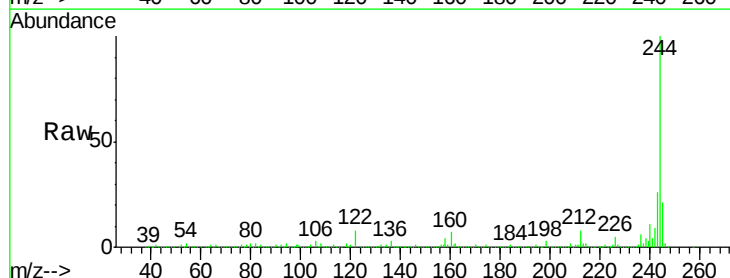
Tgt Ion:244 Resp: 1786434

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

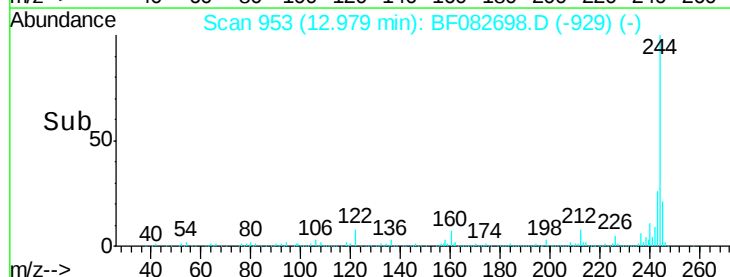
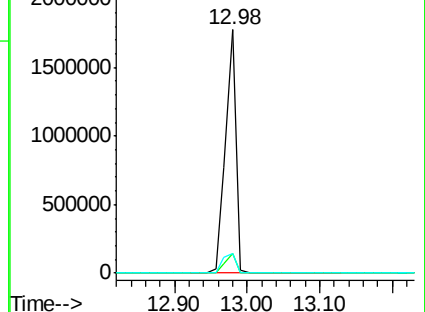
122 8.0 11.3 16.9#

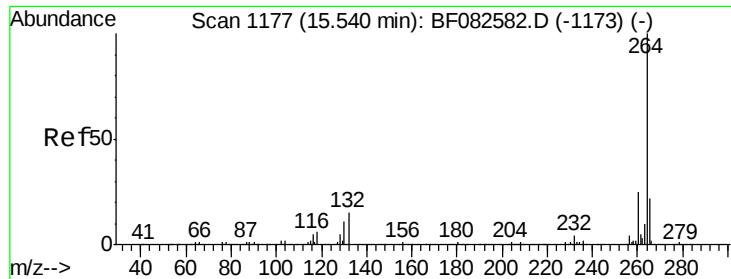


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082698.D
Acq: 4 Nov 2015 13:52

Instrument :
BNA_F
ClientSampleId :
MW-105

Tgt Ion:	264	Resp:	561337
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.1	17.4	26.0

