

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082699.D
 Acq On : 4 Nov 2015 14:21
 Operator : UM/IZ
 Sample : G4240-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05(8-10)

Quant Time: Nov 04 23:16:52 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

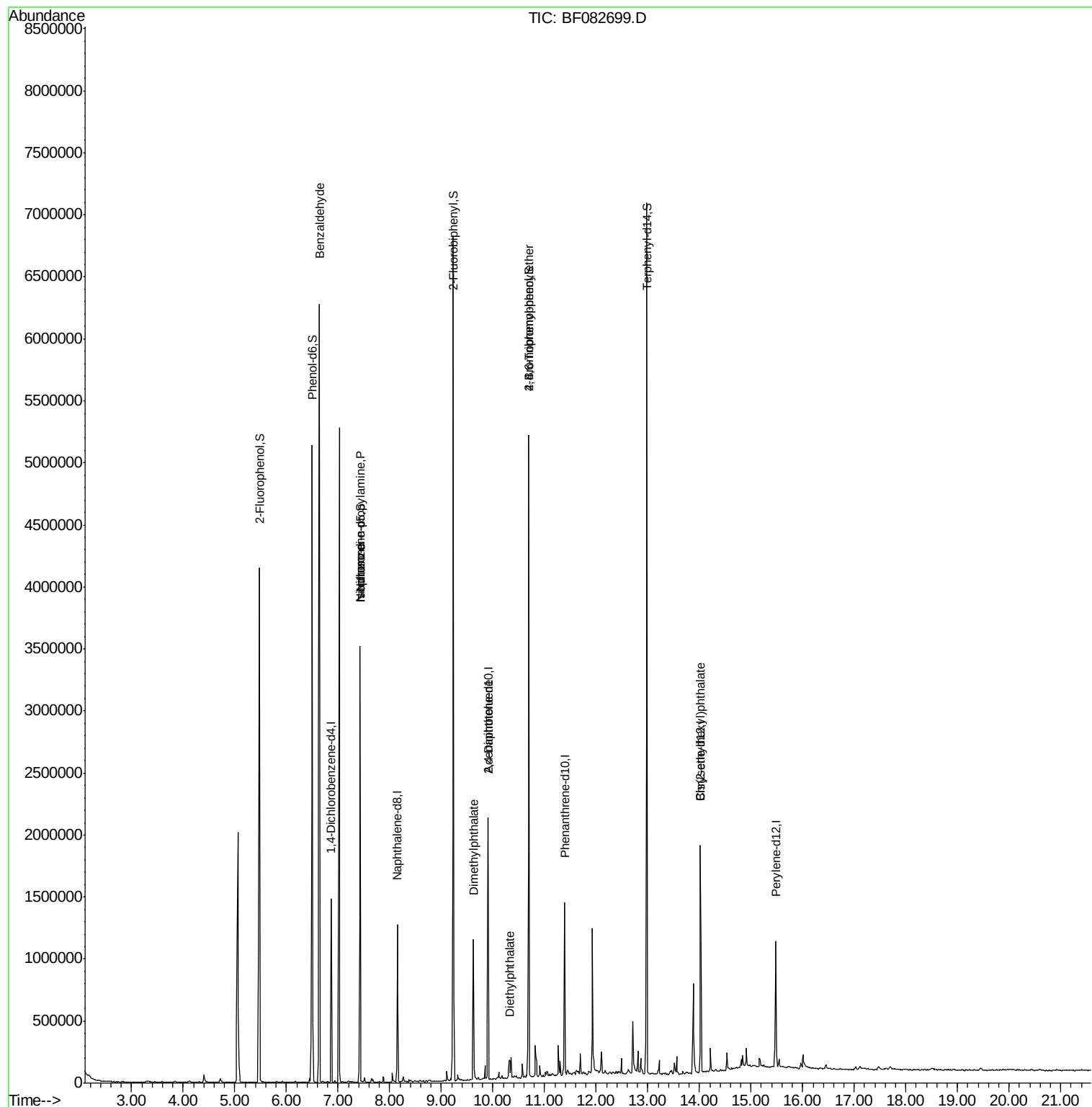
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194263	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	685804	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	400184	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	754142	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	689644	20.00	ng	-0.03
86) Perylene-d12	15.48	264	556243	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1694887	131.41	ng	0.01
7) Phenol-d6	6.50	99	1871352	109.21	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1325810	78.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	554606	126.63	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2051010	72.77	ng	-0.02
78) Terphenyl-d14	12.98	244	2185830	69.36	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	47801	4.09	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	188338	14.50	ng	# 70
25) Isophorone	7.42	82	984295	31.86	ng	# 70
49) Dimethylphthalate	9.62	163	395758	12.11	ng	99
56) 2,4-Dinitrotoluene	9.90	165	51270	5.60	ng	# 15
59) Diethylphthalate	10.33	149	86929	2.61	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	40611	4.75	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.02	149	74652	2.57	ng	99

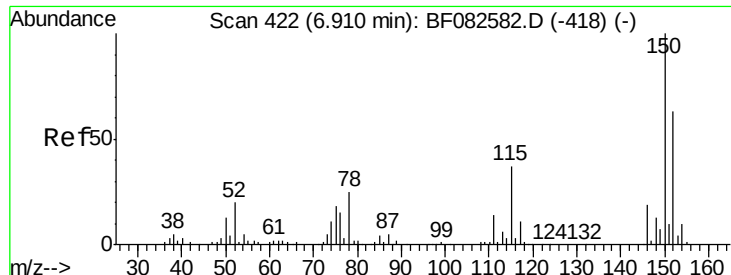
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

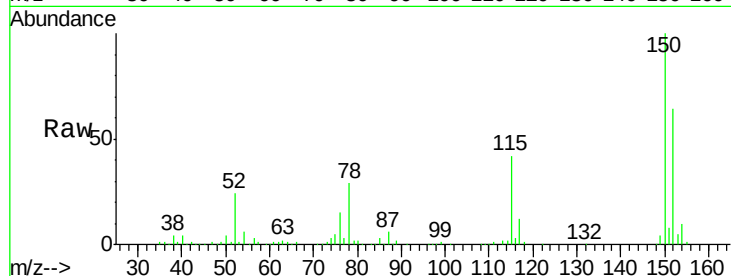
Tgt Ion:152 Resp: 194263

Ion Ratio Lower Upper

152 100

150 155.8 127.0 190.4

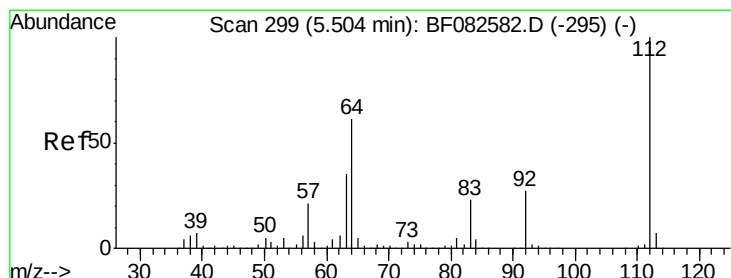
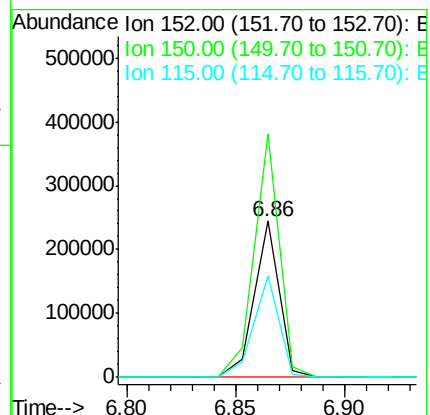
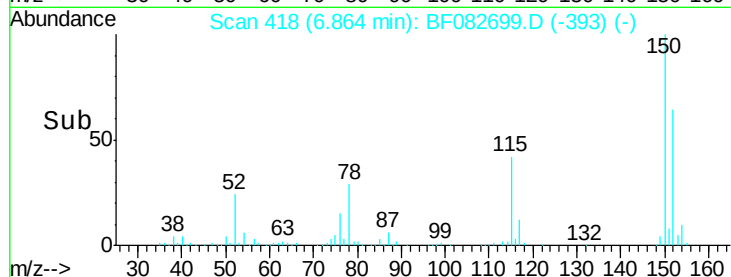
115 64.8 47.0 70.6



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: 131.41 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

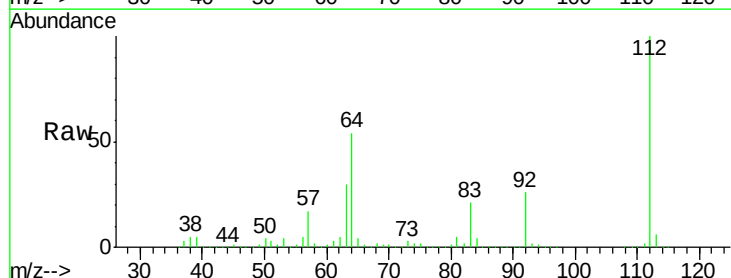
Tgt Ion:112 Resp: 1694887

Ion Ratio Lower Upper

112 100

64 54.3 48.9 73.3

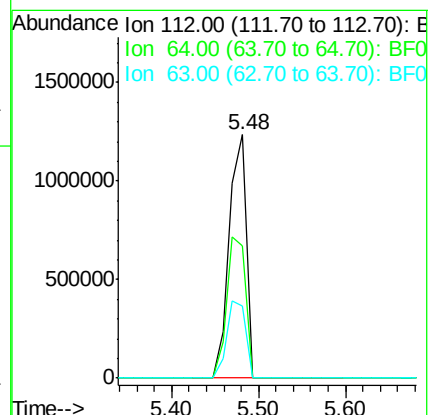
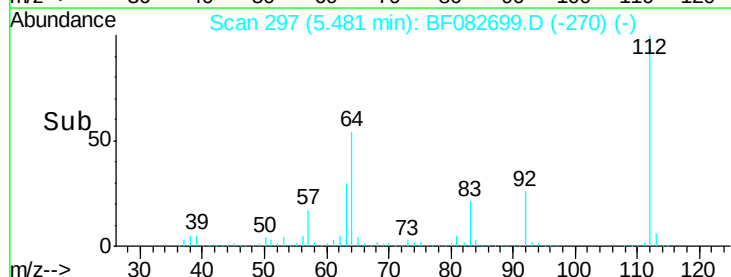
63 29.7 28.1 42.1

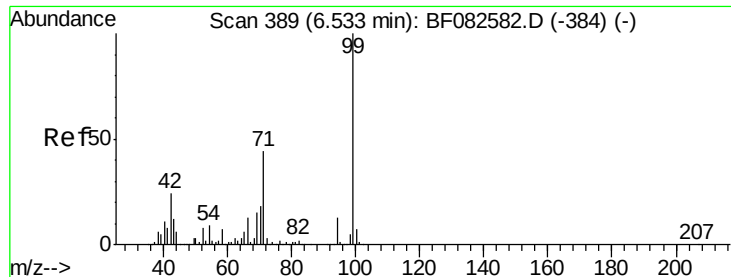


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

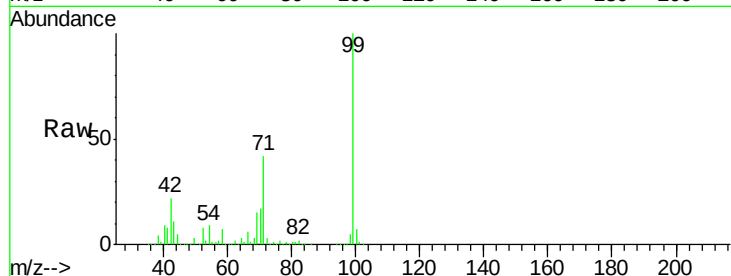
Tgt Ion: 99 Resp: 1871352

Ion Ratio Lower Upper

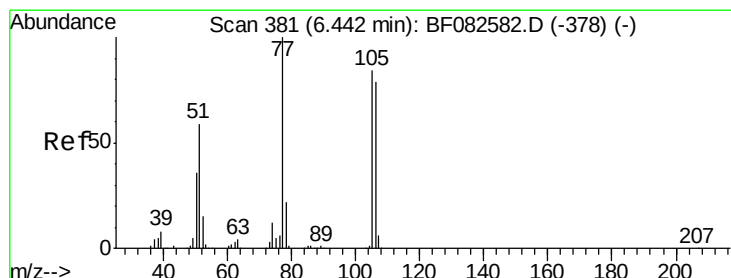
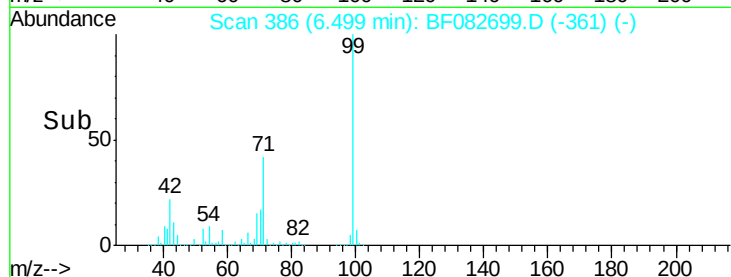
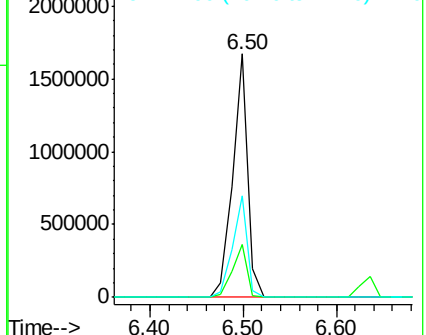
99 100

42 21.9 19.2 28.8

71 41.9 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: 4.09 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

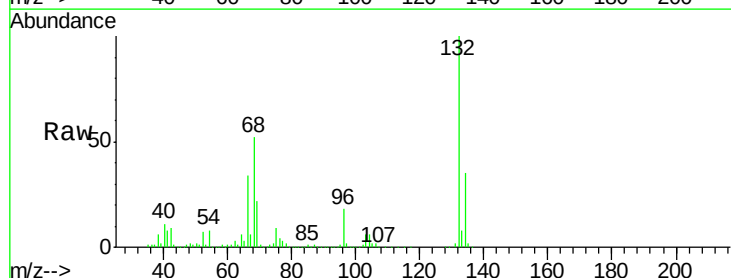
Tgt Ion: 77 Resp: 47801

Ion Ratio Lower Upper

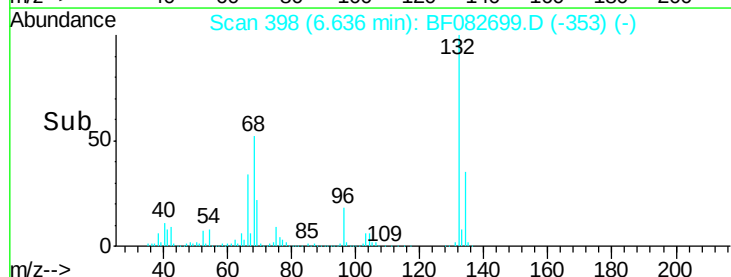
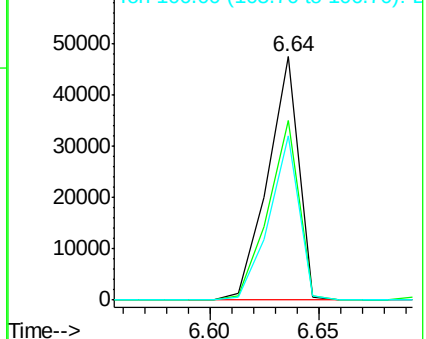
77 100

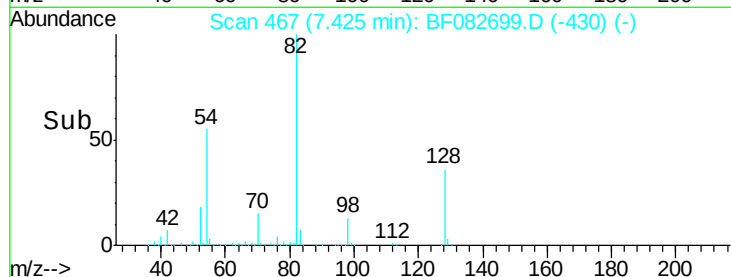
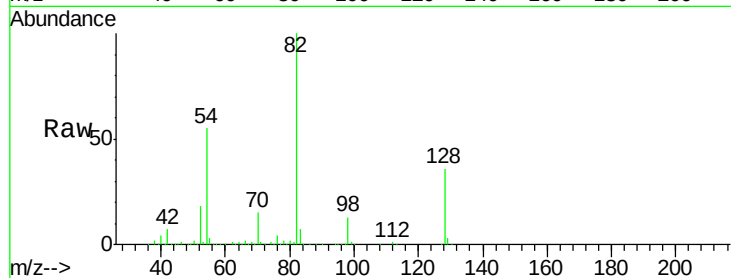
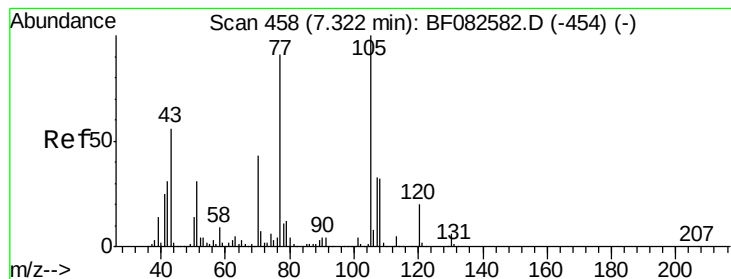
105 73.7 63.5 103.5

106 67.7 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.50 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

Tgt Ion: 70 Resp: 188338

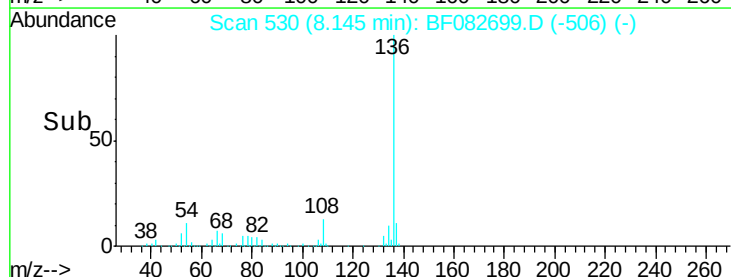
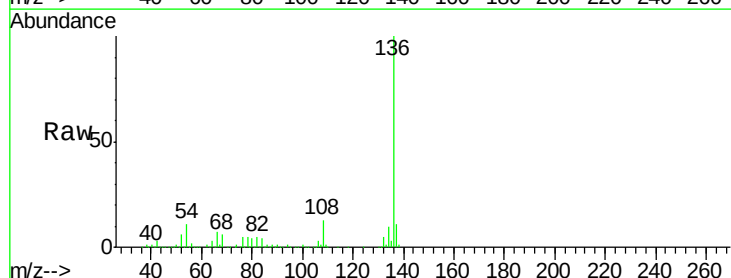
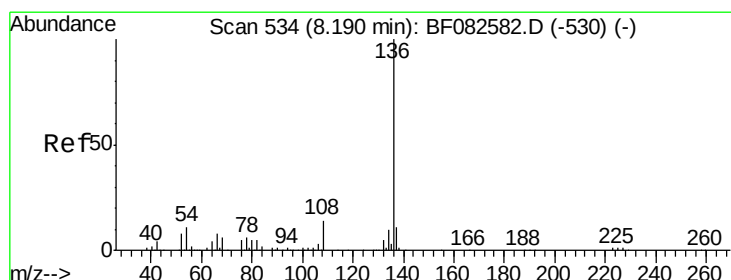
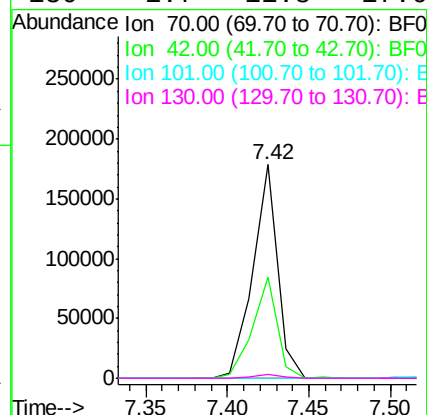
Ion Ratio Lower Upper

70 100

42 47.3 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 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: BF082699.D

Acq: 4 Nov 2015 14:21

Tgt Ion: 136 Resp: 685804

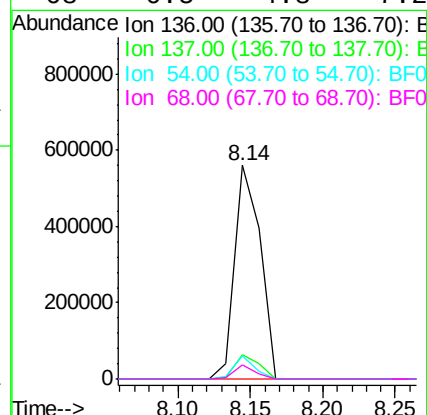
Ion Ratio Lower Upper

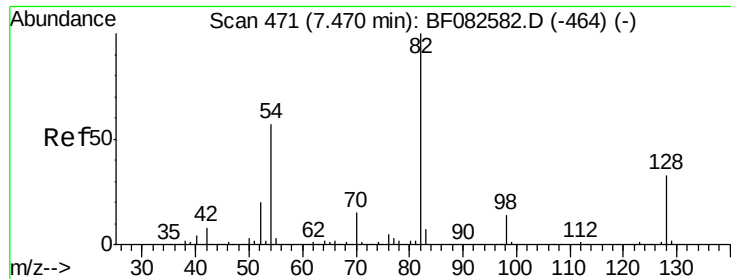
136 100

137 11.3 9.1 13.7

54 11.0 9.1 13.7

68 6.5 4.8 7.2

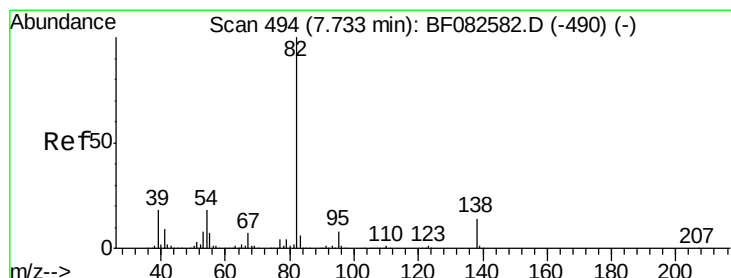
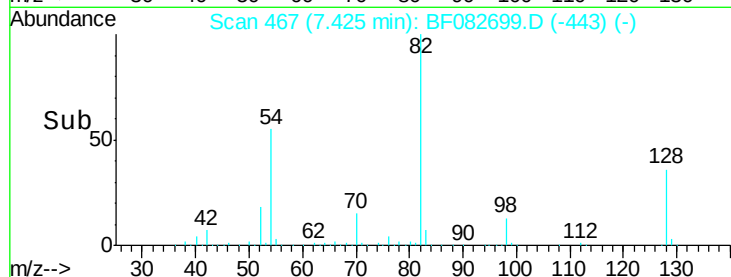
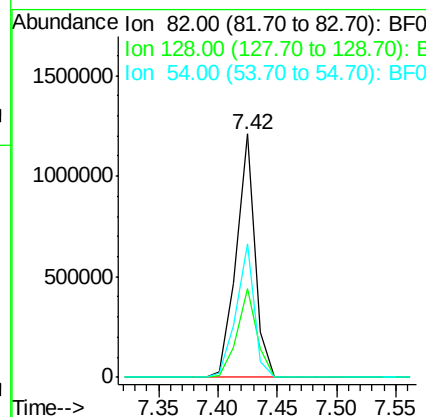
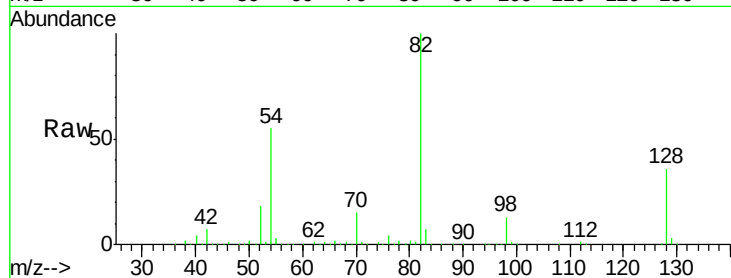




#23
 Nitrobenzene-d5
 Concen: 78.94 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082699.D
 Acq: 4 Nov 2015 14:21

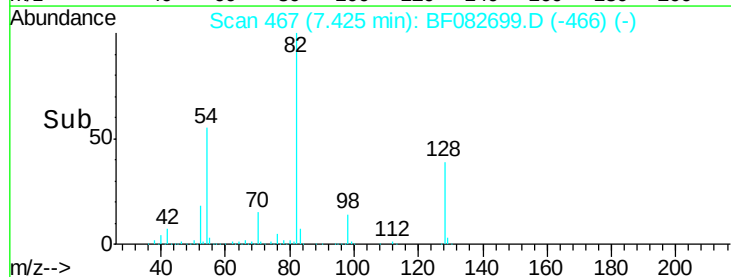
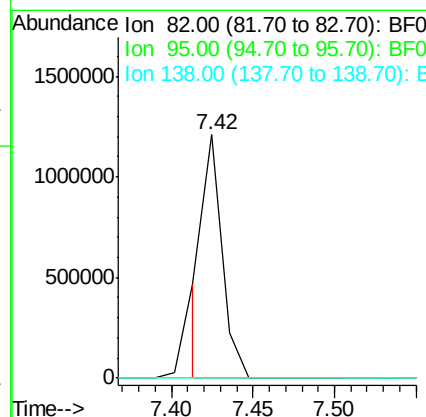
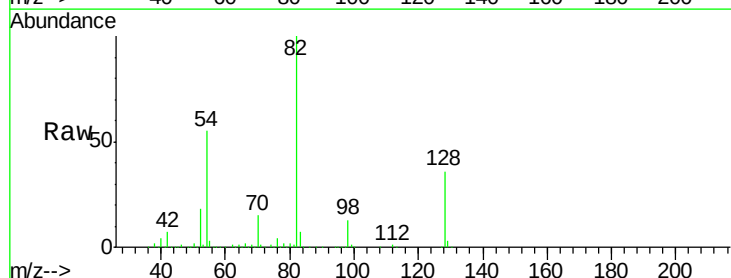
Instrument :
 BNA_F
 ClientSampleId :
 MW-05(8-10)

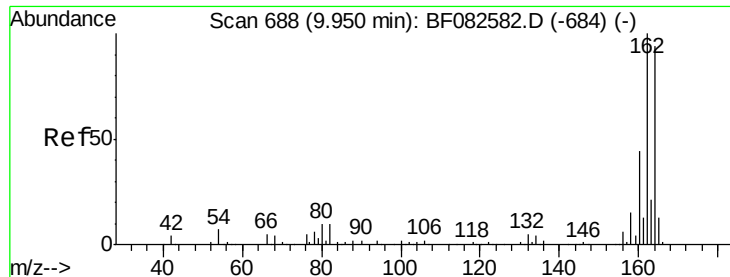
Tgt Ion: 82 Resp: 1325810
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 54.9 45.7 68.5



#25
 Isophorone
 Concen: 31.86 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082699.D
 Acq: 4 Nov 2015 14:21

Tgt Ion: 82 Resp: 984295
 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: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

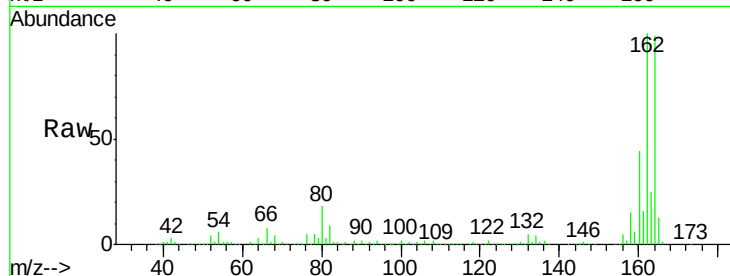
Tgt Ion:164 Resp: 400184

Ion Ratio Lower Upper

164 100

162 100.9 84.9 127.3

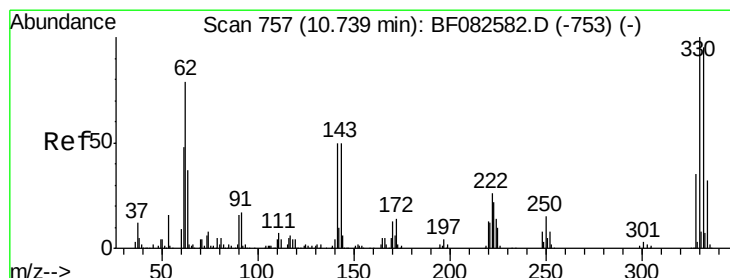
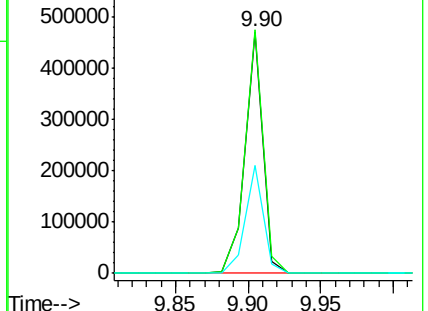
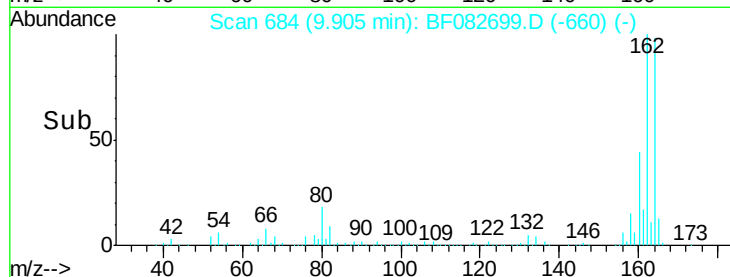
160 44.8 37.5 56.3



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: 126.63 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

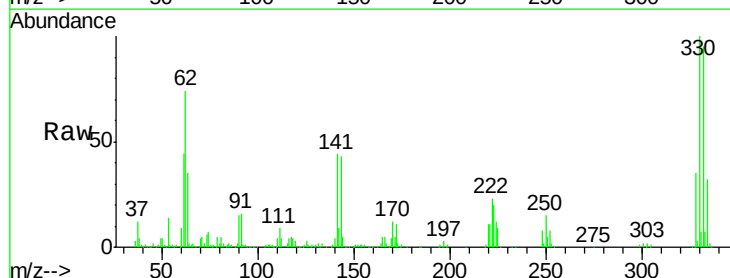
Tgt Ion:330 Resp: 554606

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

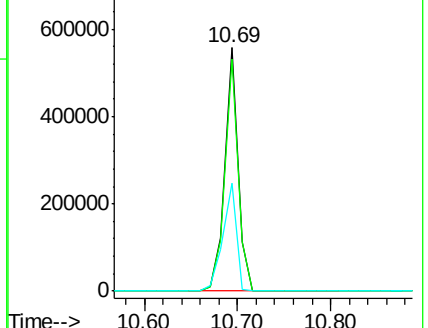
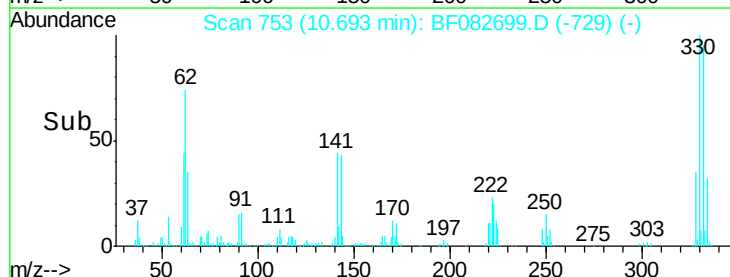
141 44.8 41.2 61.8

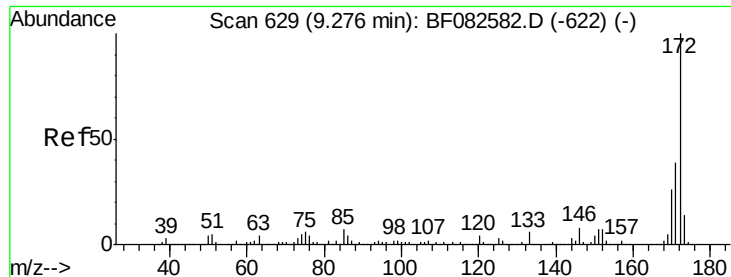


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

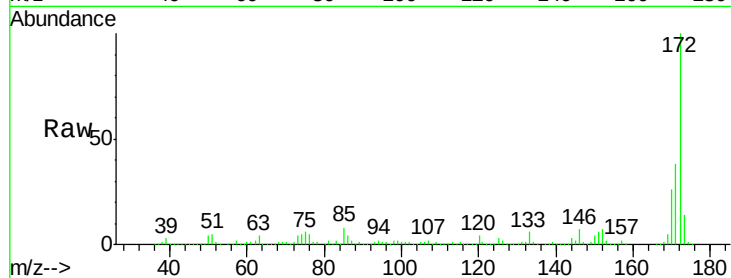




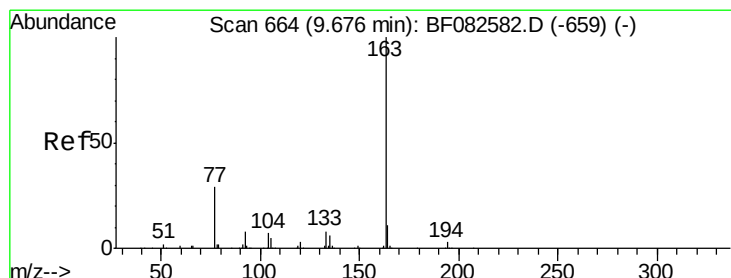
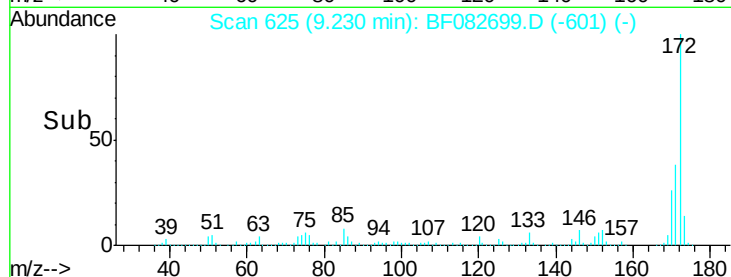
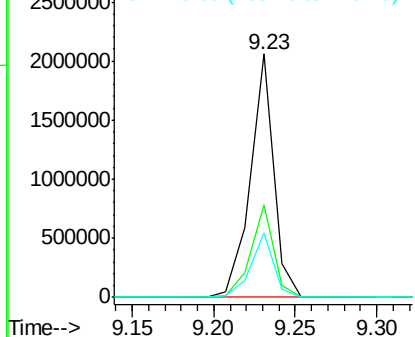
#44
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082699.D
 Acq: 4 Nov 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-05(8-10)

Tgt Ion:172 Resp: 2051010
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.2 21.2 31.8

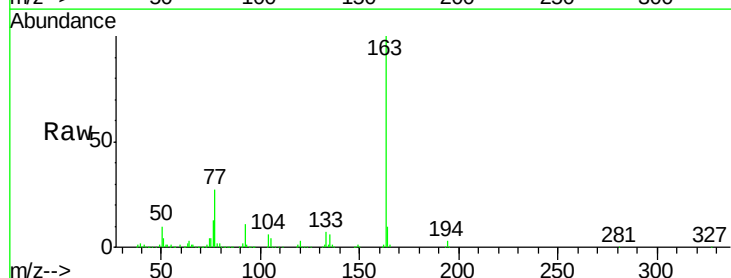


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

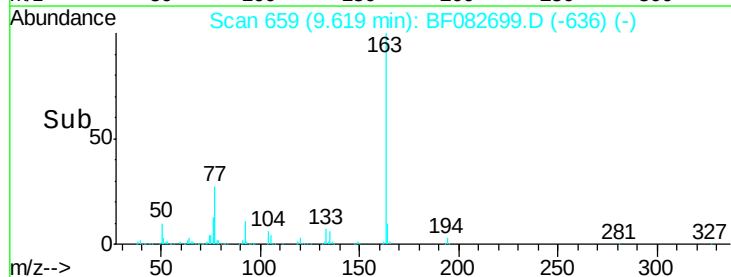
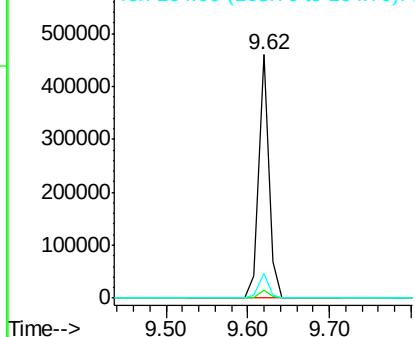


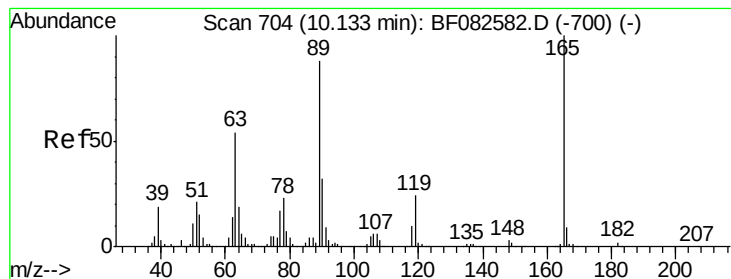
#49
 Dimethylphthalate
 Concen: 12.11 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082699.D
 Acq: 4 Nov 2015 14:21

Tgt Ion:163 Resp: 395758
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.2 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: 5.60 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

Tgt Ion:165 Resp: 51270

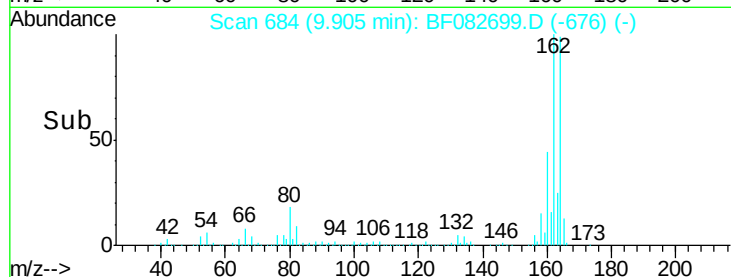
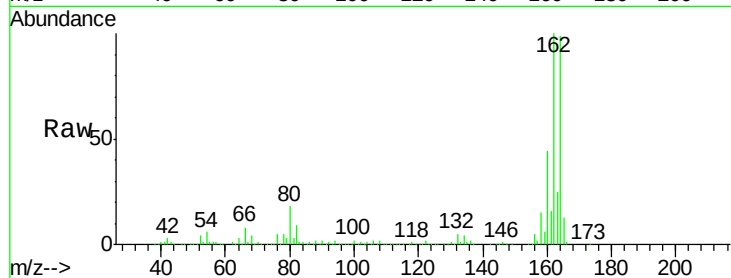
Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

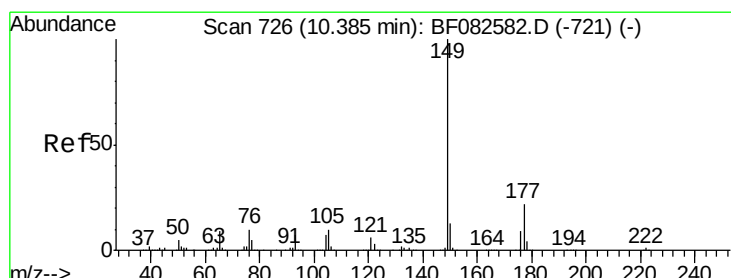
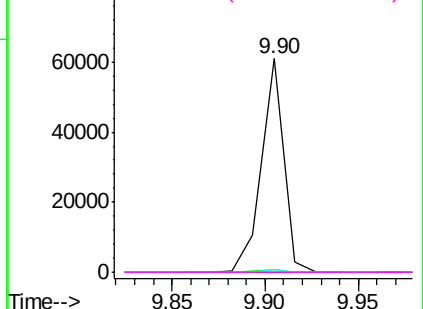


Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.61 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

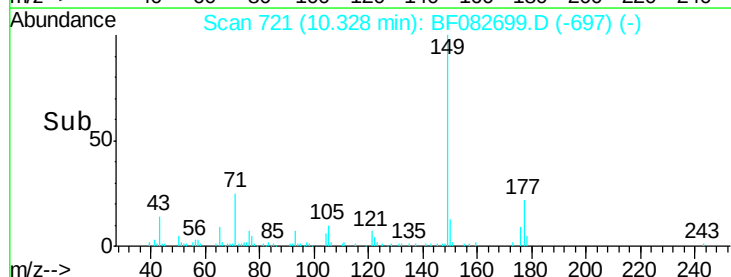
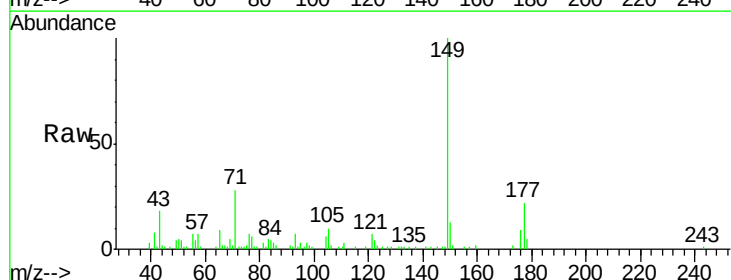
Tgt Ion:149 Resp: 86929

Ion Ratio Lower Upper

149 100

177 22.1 17.9 26.9

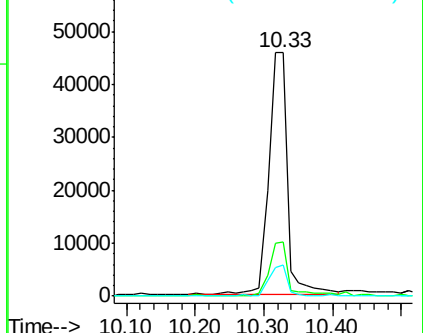
150 13.0 10.1 15.1

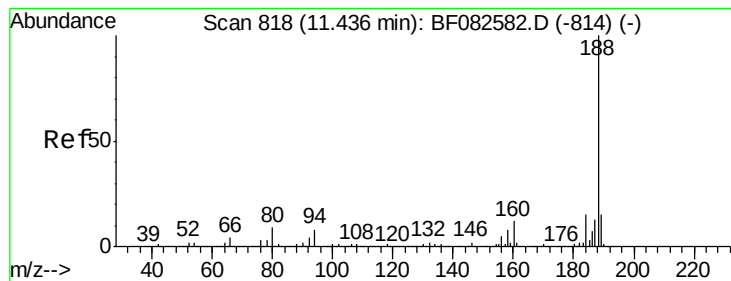


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

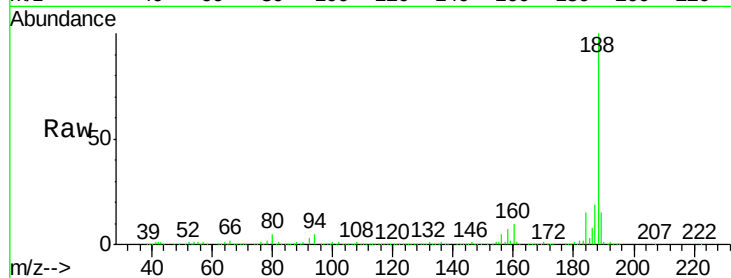
Tgt Ion:188 Resp: 754142

Ion Ratio Lower Upper

188 100

94 4.7 6.1 9.1#

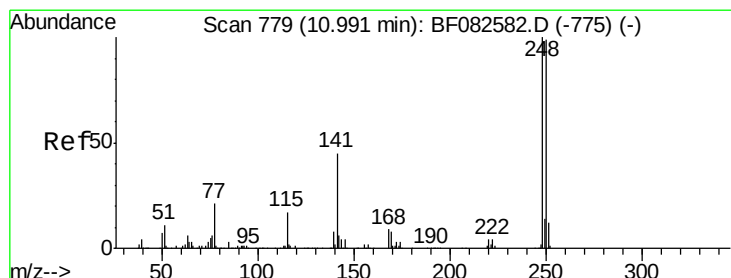
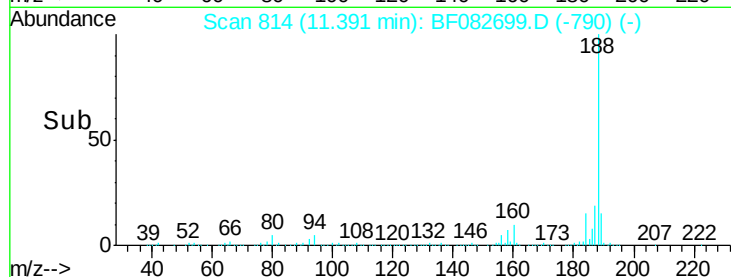
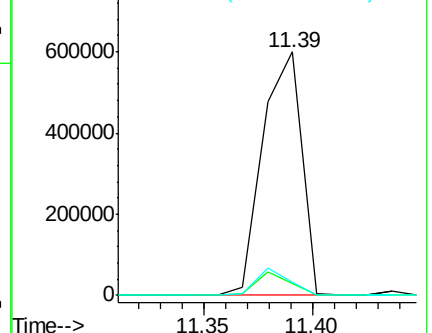
80 5.3 7.0 10.6#



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: 4.75 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

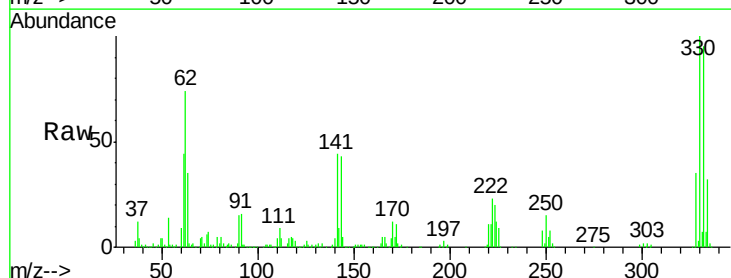
Tgt Ion:248 Resp: 40611

Ion Ratio Lower Upper

248 100

250 195.6 79.4 119.2#

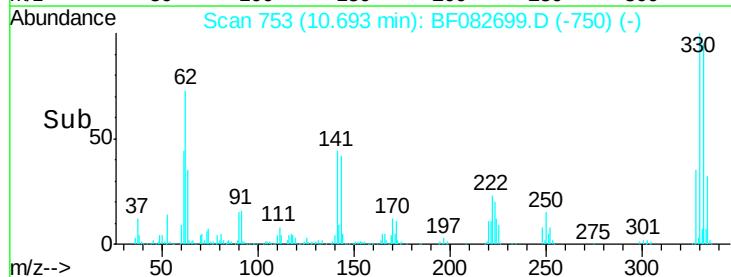
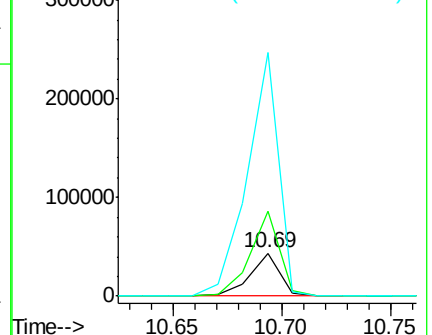
141 564.9 36.3 54.5#

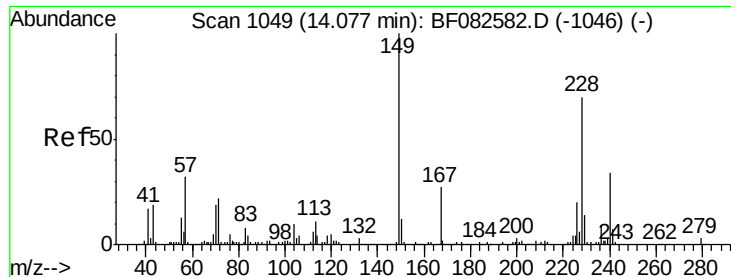


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

Instrument :

BNA_F

ClientSampleId :

MW-05(8-10)

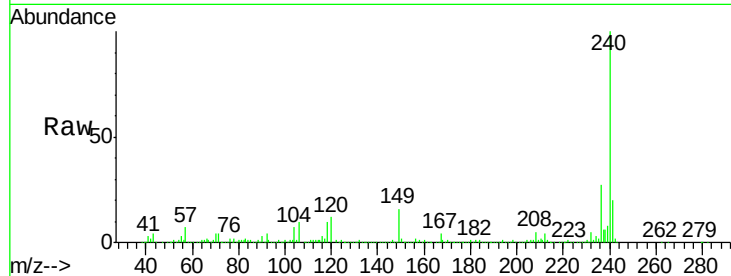
Tgt Ion:240 Resp: 689644

Ion Ratio Lower Upper

240 100

120 11.6 10.9 16.3

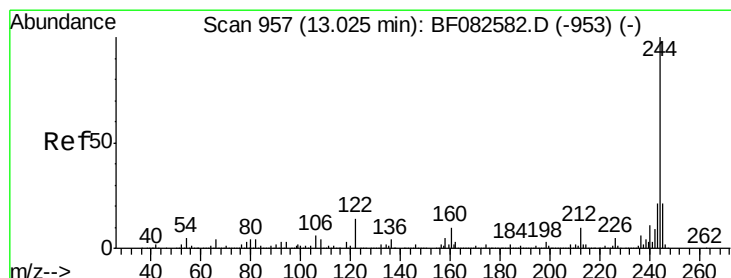
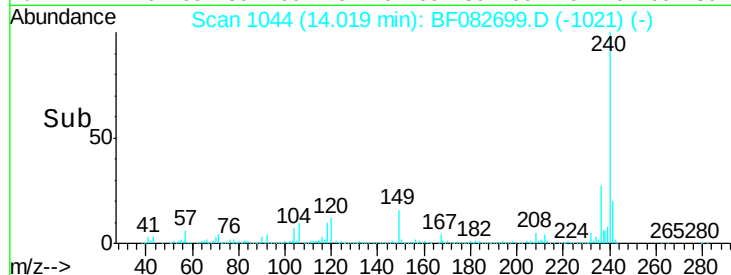
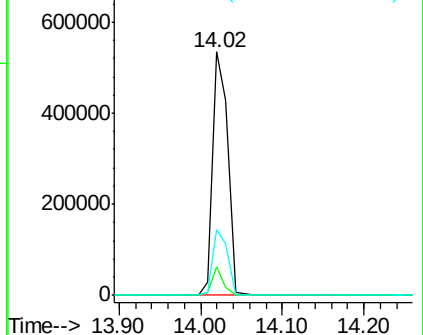
236 27.1 21.6 32.4



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: 69.36 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082699.D

Acq: 4 Nov 2015 14:21

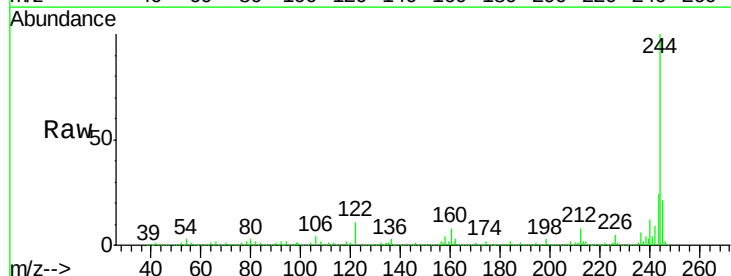
Tgt Ion:244 Resp: 2185830

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

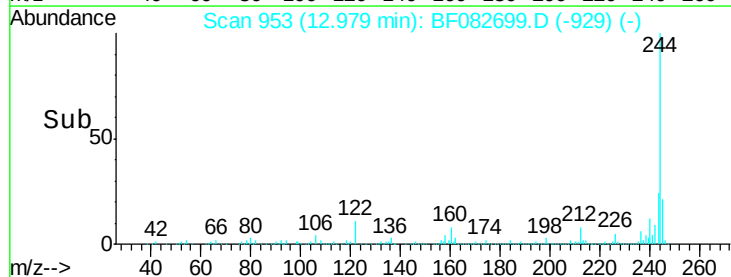
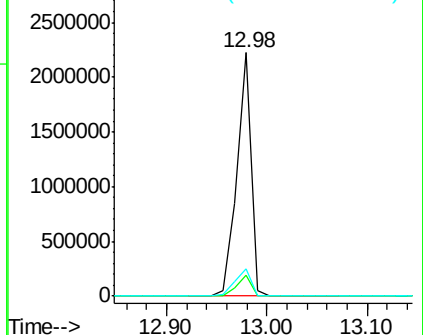
122 11.0 11.3 16.9

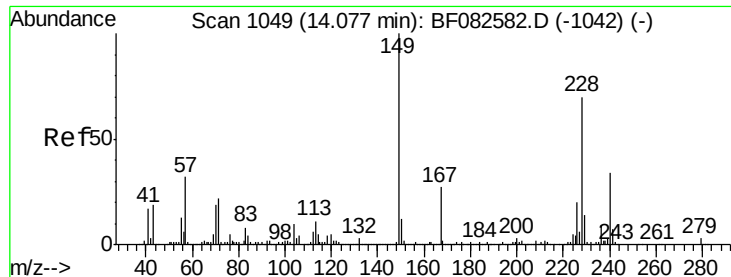


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

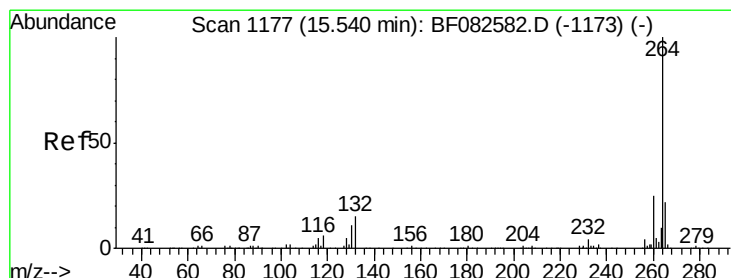
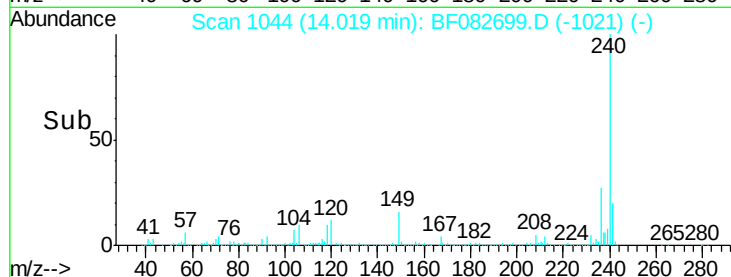
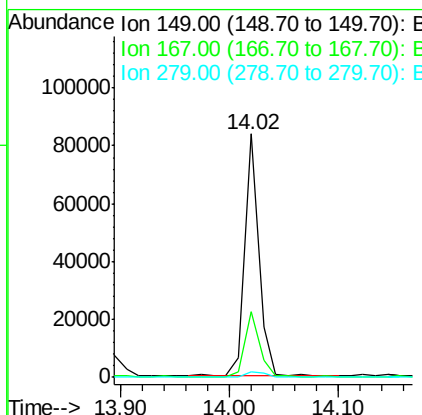
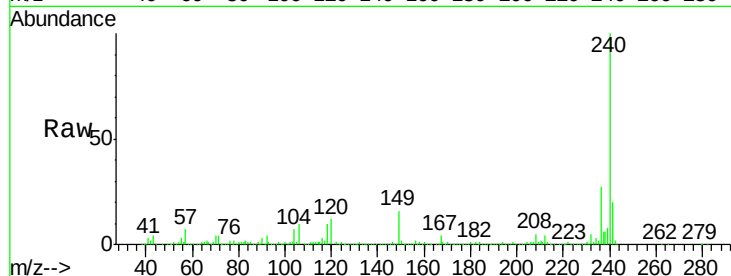




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.57 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082699.D
 Acq: 4 Nov 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-05(8-10)

Tgt Ion:149 Resp: 74652
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.2 31.8
 279 2.5 2.2 3.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082699.D
 Acq: 4 Nov 2015 14:21

Tgt Ion:264 Resp: 556243
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.6
 265 22.3 17.4 26.0

