

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012516\
 Data File : BF084612.D
 Acq On : 25 Jan 2016 17:31
 Operator : SJ/IZ
 Sample : H1201-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Jan 26 09:28:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

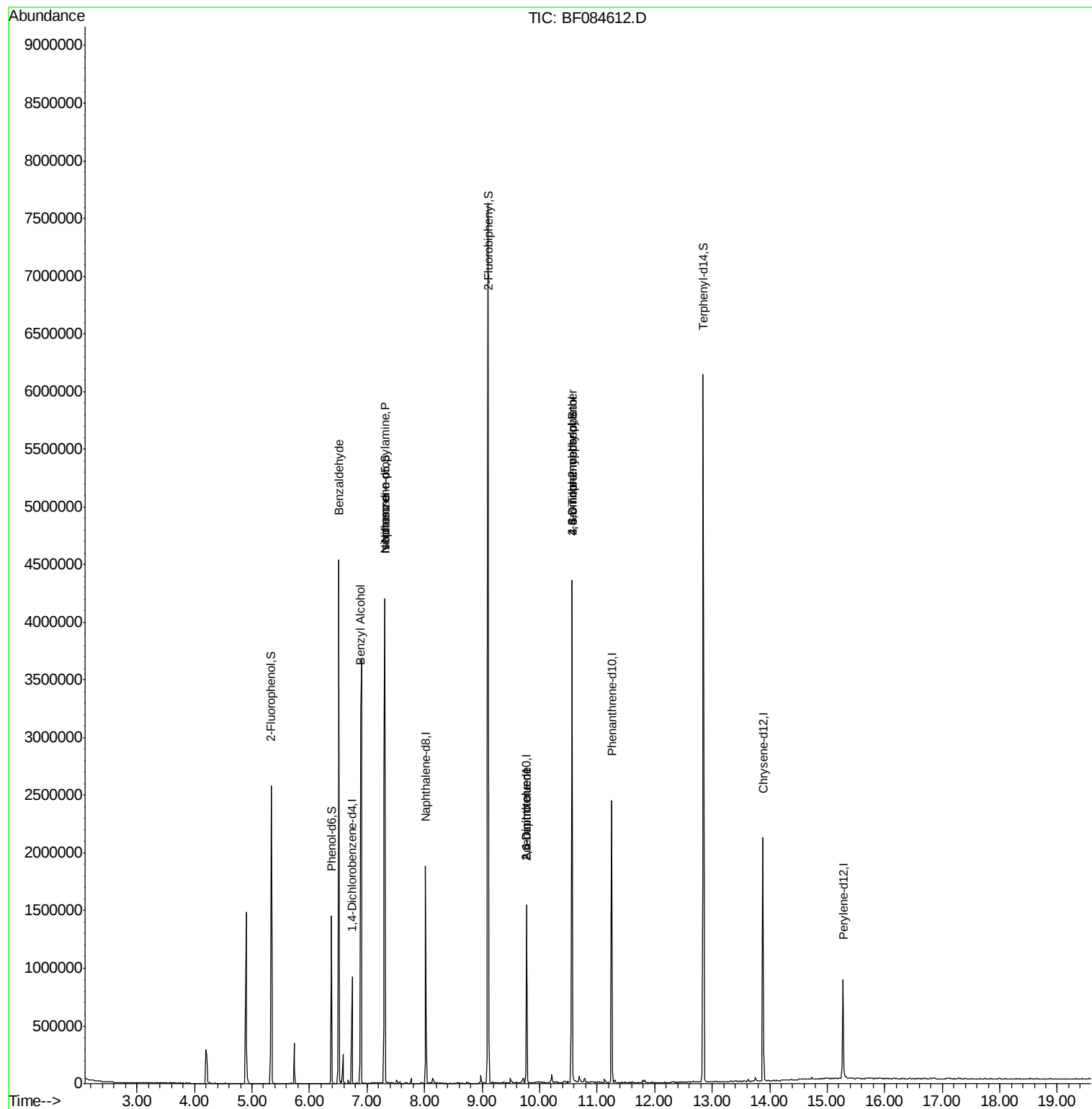
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157656	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	831169	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	395223	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	823651	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	692545	20.00	ng	-0.01
86) Perylene-d12	15.28	264	497547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	669593	68.70	ng	0.00
7) Phenol-d6	6.38	99	591077	48.28	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1667816	111.68	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	689806	172.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2336352	105.52	ng	0.00
78) Terphenyl-d14	12.84	244	2566203	82.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	35744	4.48	ng	# 77
15) Benzyl Alcohol	6.89	79	22923	2.23	ng	# 50
19) n-Nitroso-di-n-propylamine	7.31	70	237061	28.61	ng	# 75
25) Isophorone	7.31	82	1551465	54.32	ng	# 66
50) 2,6-Dinitrotoluene	9.77	165	49955	8.06	ng	# 38
54) Dibenzofuran	9.97	168	384	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.77	165	49955	6.37	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.57	198	1804	6.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	44585	5.03	ng	# 1
73) Di-n-butylphthalate	11.83	149	11195	Below Cal		97

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

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012516\
Data File : BF084612.D
Acq On : 25 Jan 2016 17:31
Operator : SJ/IZ
Sample : H1201-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

Quant Time: Jan 26 09:28:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration



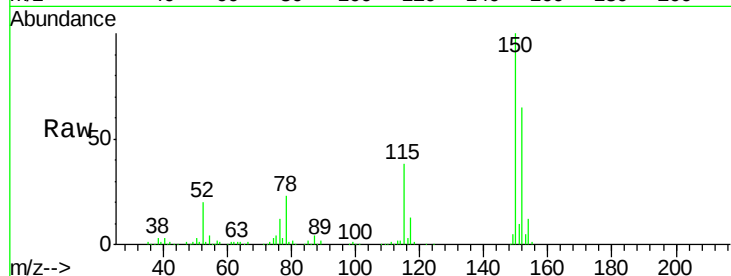


#1

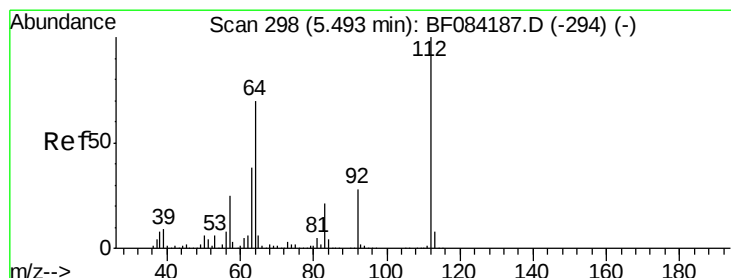
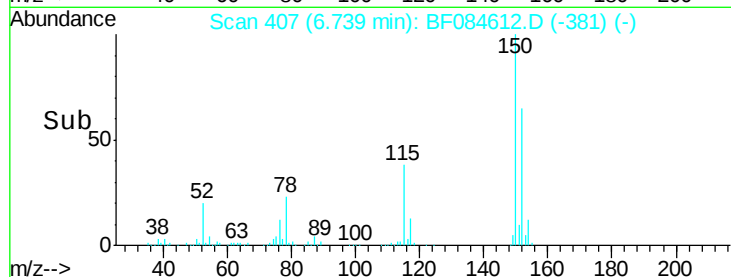
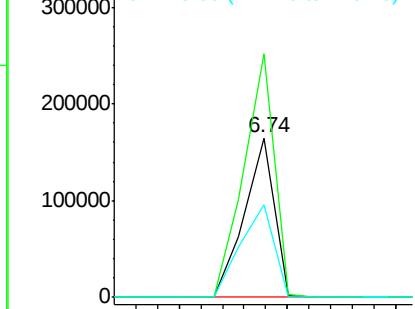
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084612.D
Acq: 25 Jan 2016 17:31

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:152 Resp: 157656
Ion Ratio Lower Upper
152 100
150 152.9 123.0 184.4
115 58.5 51.4 77.2



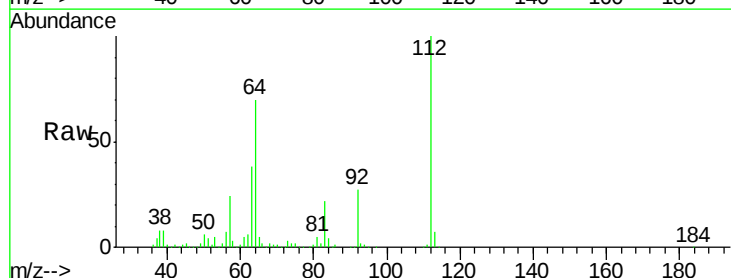
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



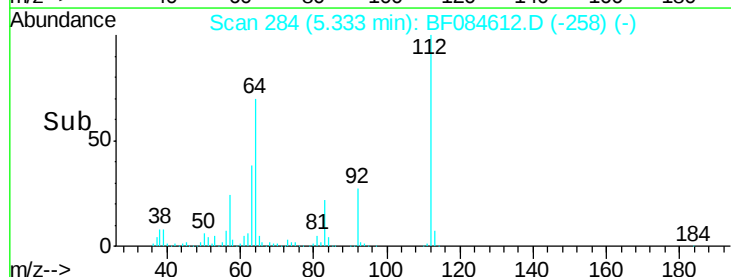
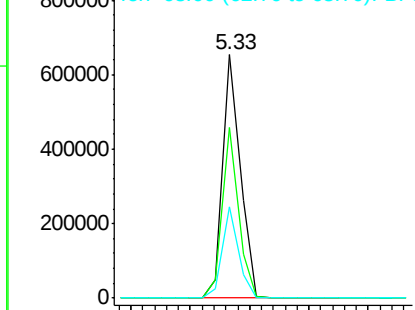
#5

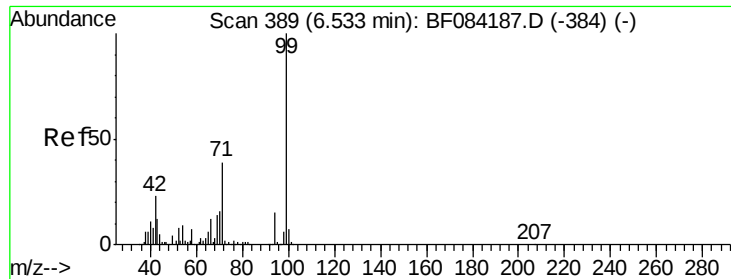
2-Fluorophenol
Concen: 68.70 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF084612.D
Acq: 25 Jan 2016 17:31

Tgt Ion:112 Resp: 669593
Ion Ratio Lower Upper
112 100
64 69.9 36.6 55.0#
63 37.6 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: 48.28 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Instrument :

BNA_F

ClientSampleId :

MW-05

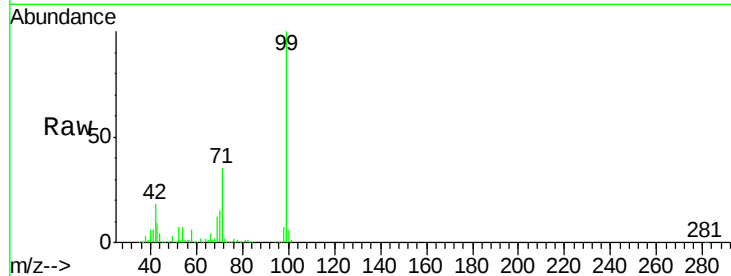
Tgt Ion: 99 Resp: 591077

Ion Ratio Lower Upper

99 100

42 17.7 12.8 19.2

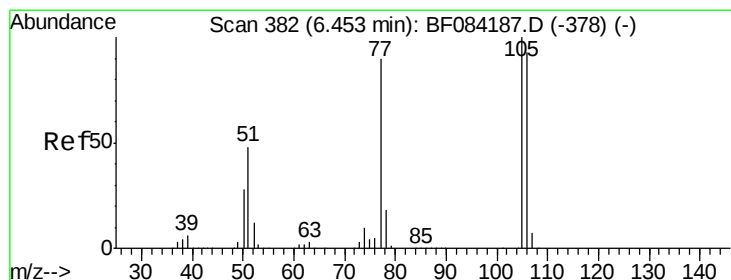
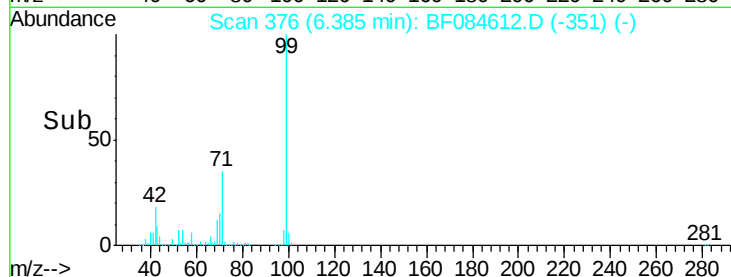
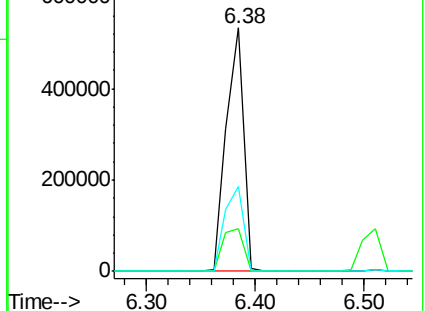
71 34.8 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.48 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

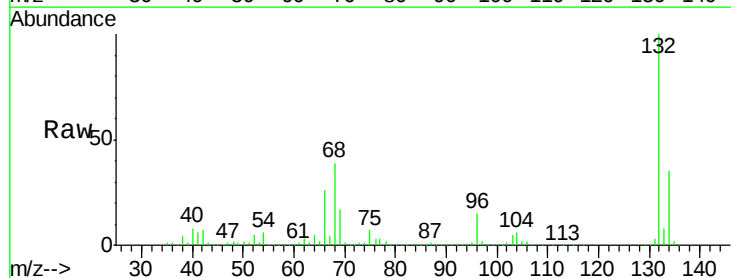
Tgt Ion: 77 Resp: 35744

Ion Ratio Lower Upper

77 100

105 80.7 83.0 123.0#

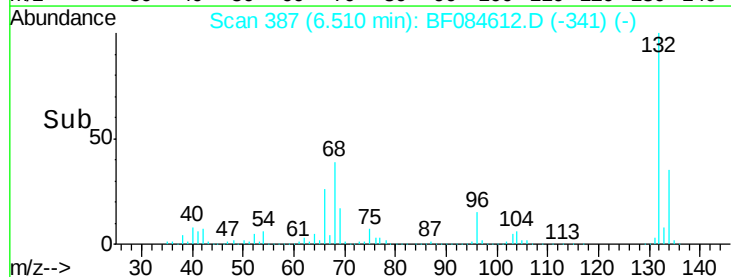
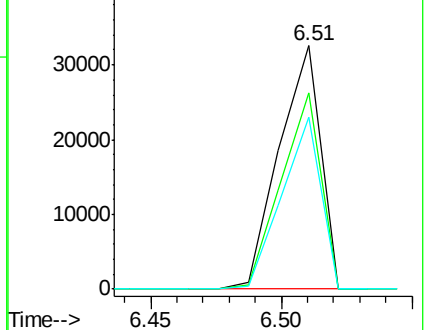
106 70.5 74.6 114.6#

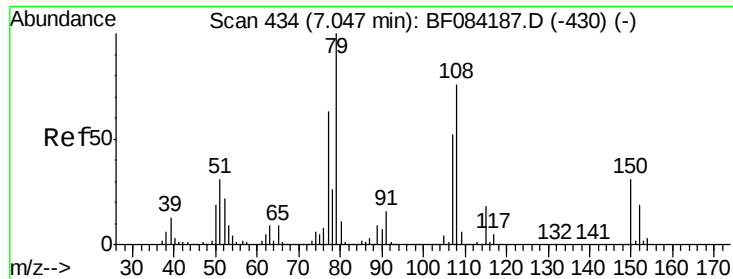


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Instrument :

BNA_F

ClientSampleId :

MW-05

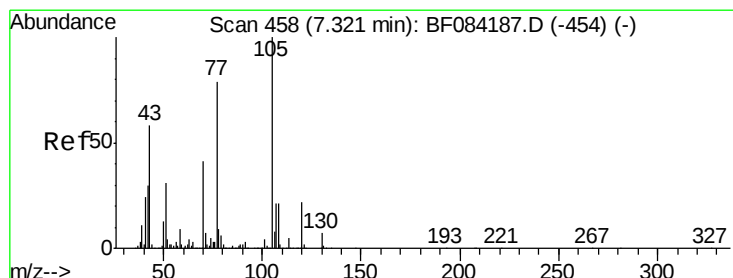
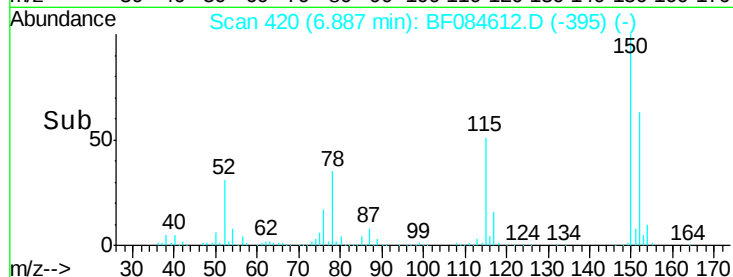
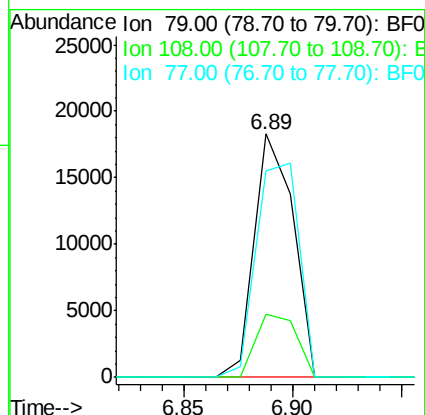
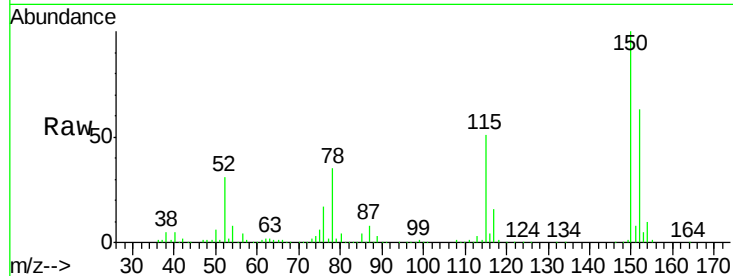
Tgt Ion: 79 Resp: 22923

Ion Ratio Lower Upper

79 100

108 25.7 69.0 103.4#

77 84.7 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 28.61 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Tgt Ion: 70 Resp: 237061

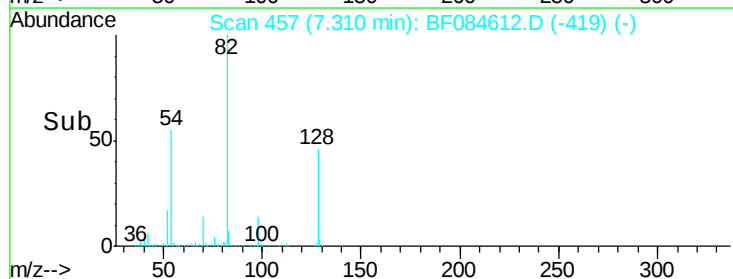
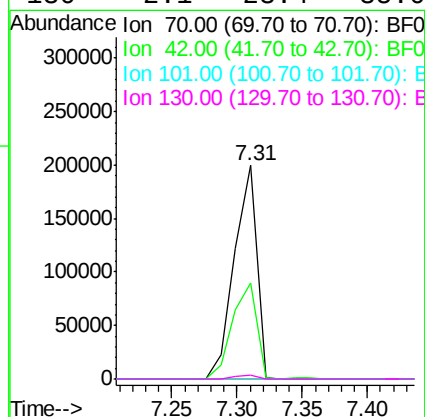
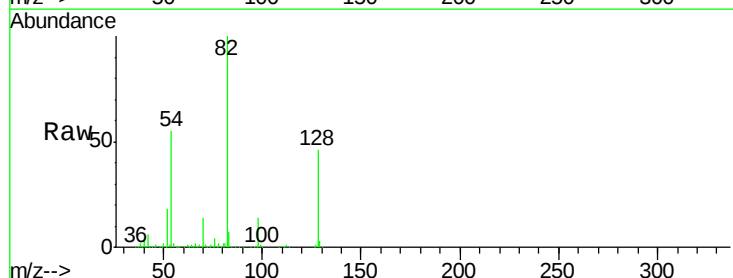
Ion Ratio Lower Upper

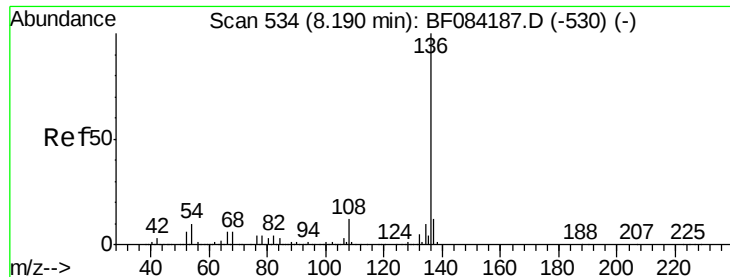
70 100

42 45.0 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Instrument :

BNA_F

ClientSampleId :

MW-05

Tgt Ion:136 Resp: 831169

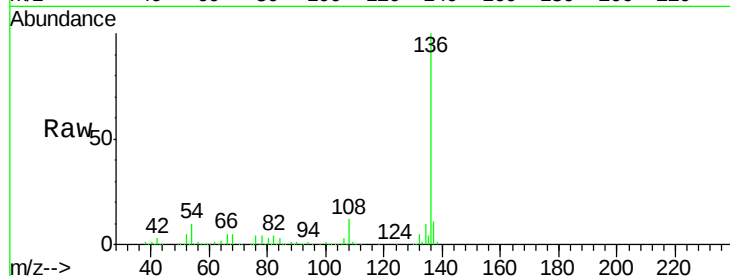
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 5.8 8.8#

68 5.5 4.2 6.2

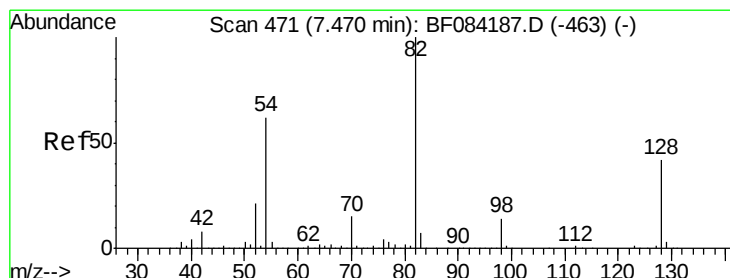
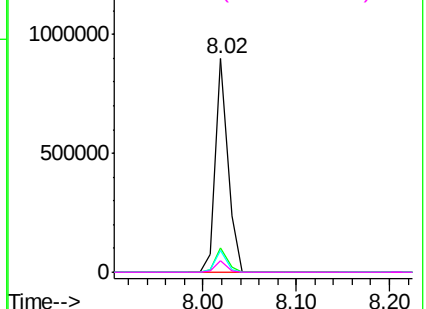
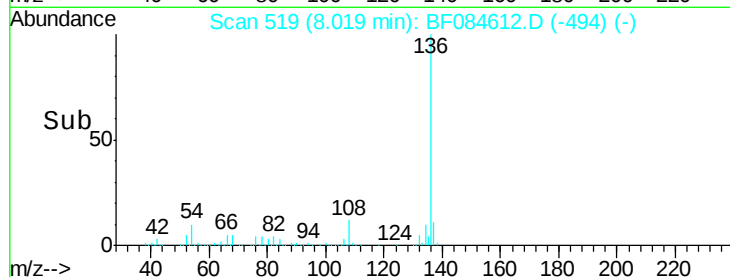


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.68 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

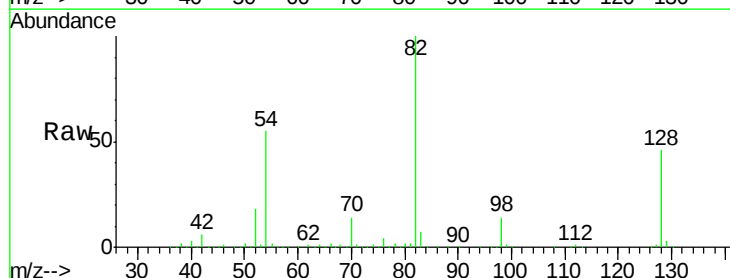
Tgt Ion: 82 Resp: 1667816

Ion Ratio Lower Upper

82 100

128 46.4 34.6 51.8

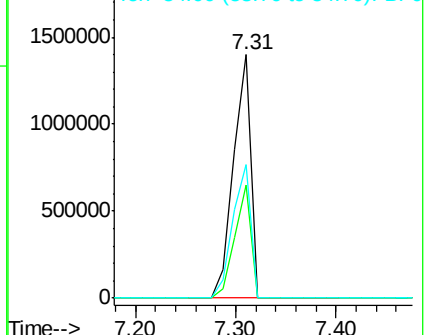
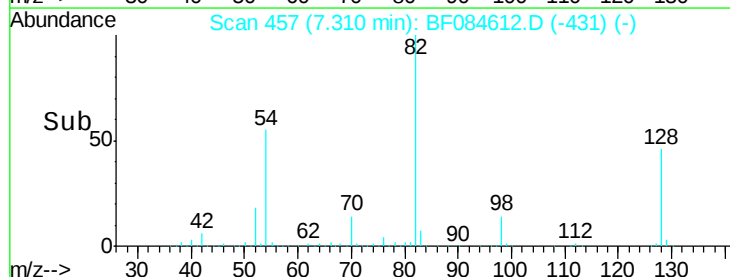
54 55.0 38.4 57.6

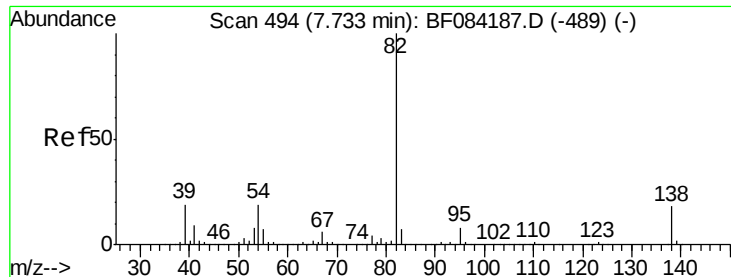


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 54.32 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.26 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Instrument :

BNA_F

ClientSampleId :

MW-05

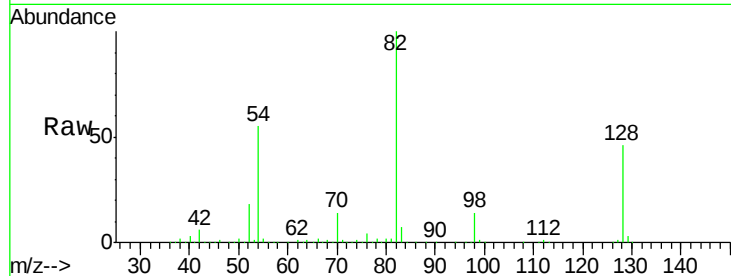
Tgt Ion: 82 Resp: 1551465

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

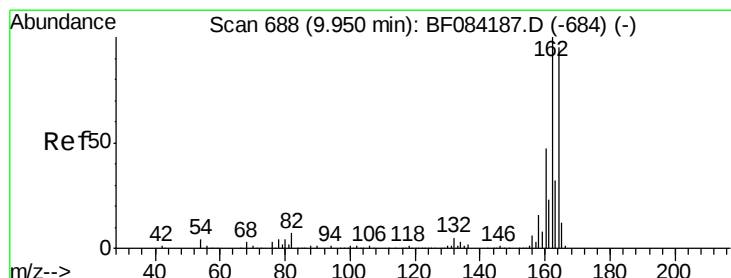
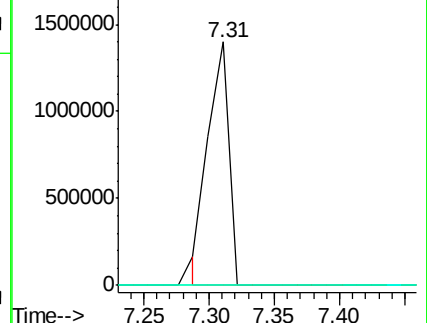
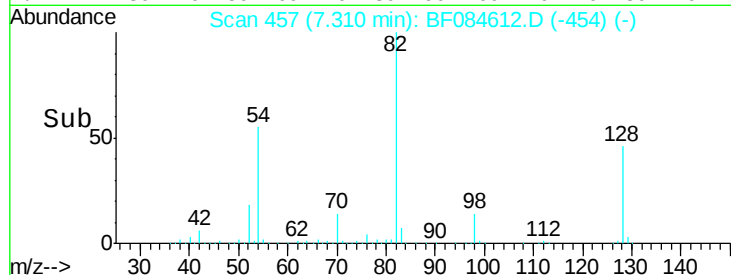
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

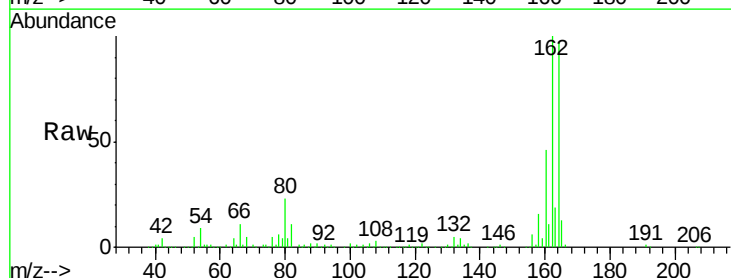
Tgt Ion: 164 Resp: 395223

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

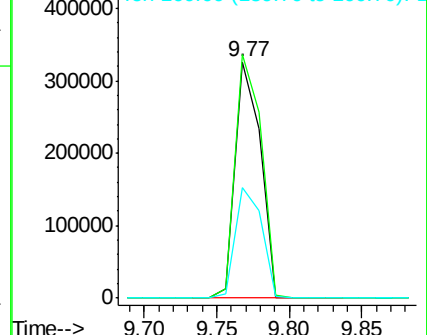
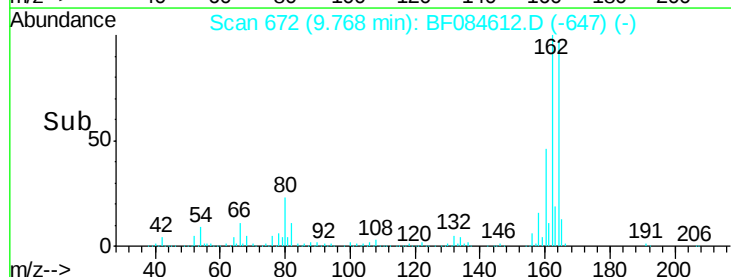
160 46.9 37.5 56.3

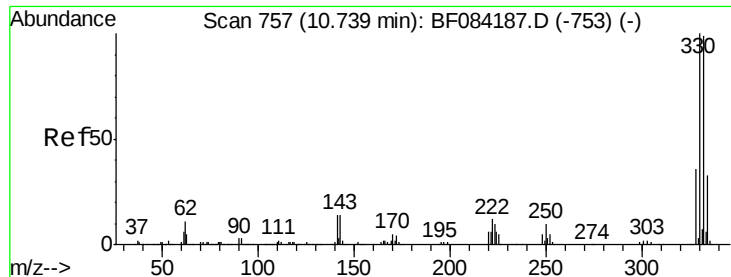


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

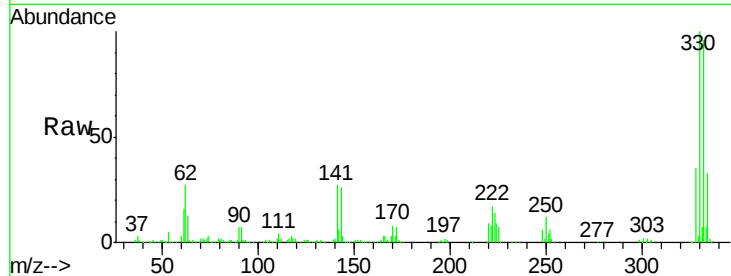




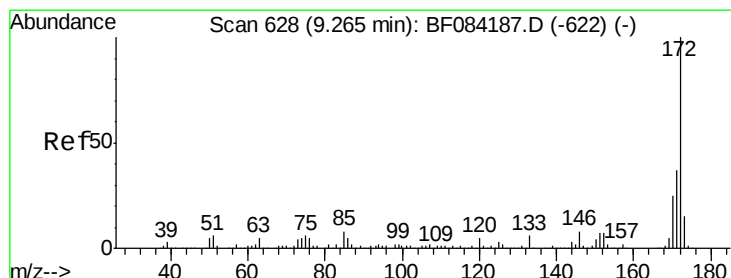
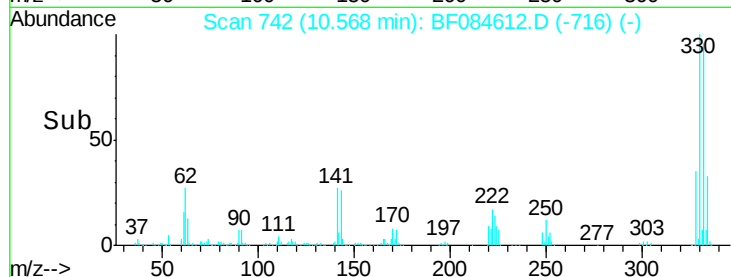
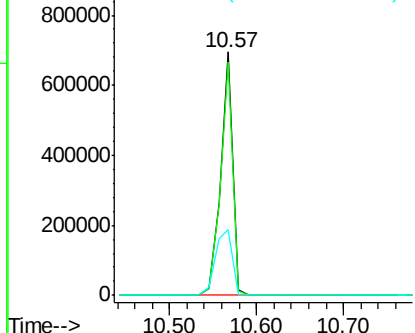
#41
 2,4,6-Tribromophenol
 Concen: 172.88 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084612.D
 Acq: 25 Jan 2016 17:31

Instrument :
 BNA_F
 ClientSampled :
 MW-05

Tgt Ion:330 Resp: 689806
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 37.5 27.8 41.6

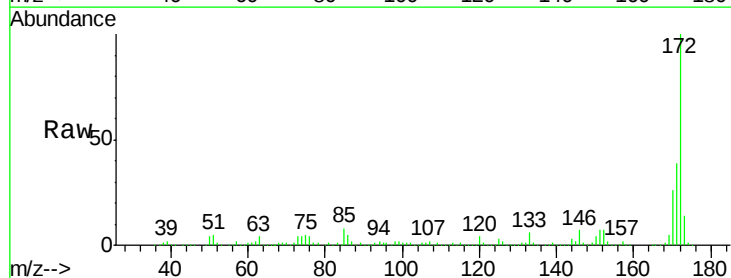


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

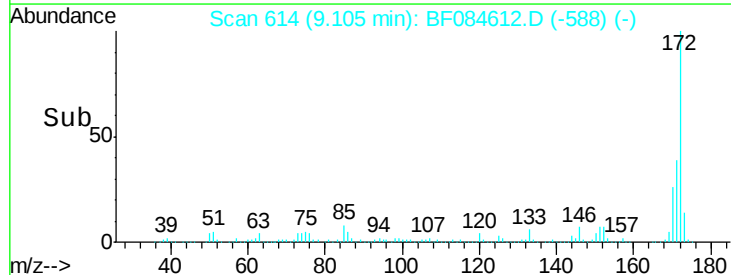
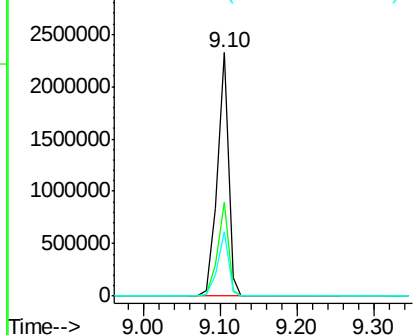


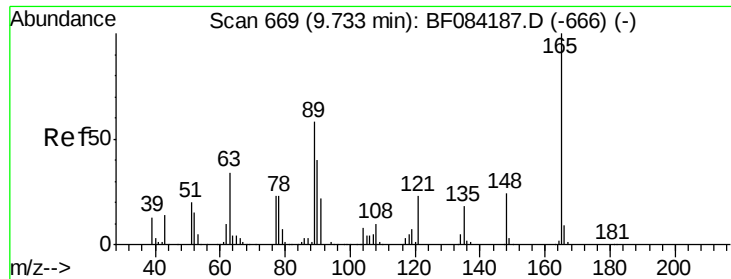
#44
 2-Fluorobiphenyl
 Concen: 105.52 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084612.D
 Acq: 25 Jan 2016 17:31

Tgt Ion:172 Resp: 2336352
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 26.5 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





#50

2,6-Dinitrotoluene

Concen: 8.06 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.19 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Instrument :

BNA_F

ClientSampleId :

MW-05

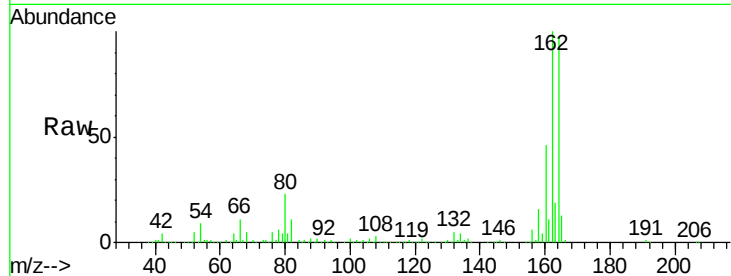
Tgt Ion:165 Resp: 49955

Ion Ratio Lower Upper

165 100

63 1.8 28.8 43.2#

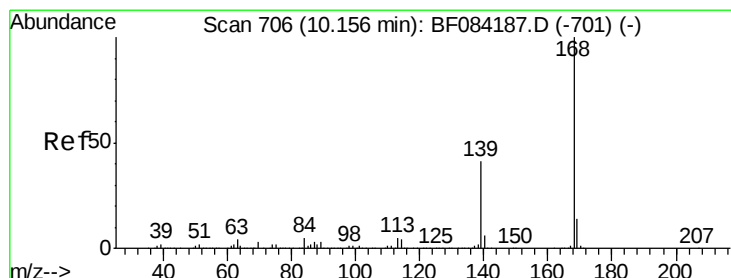
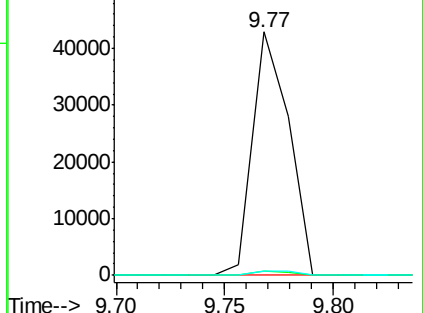
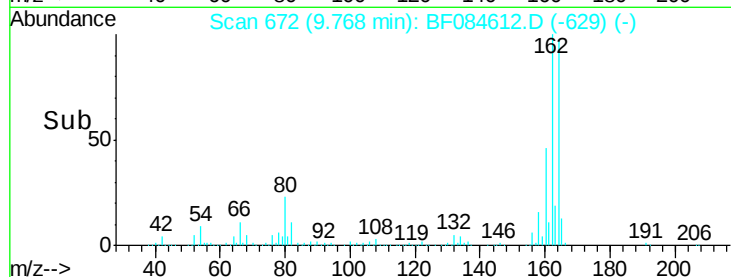
89 1.7 35.1 52.7#



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



#54

Dibenzofuran

Concen: Below Cal

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

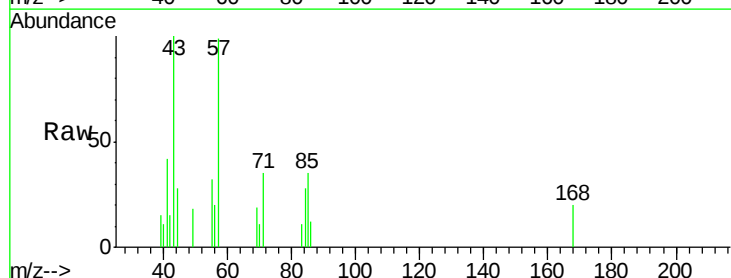
Tgt Ion:168 Resp: 384

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

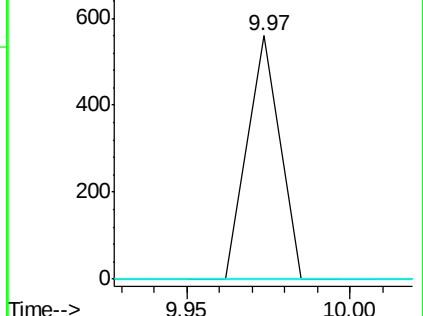
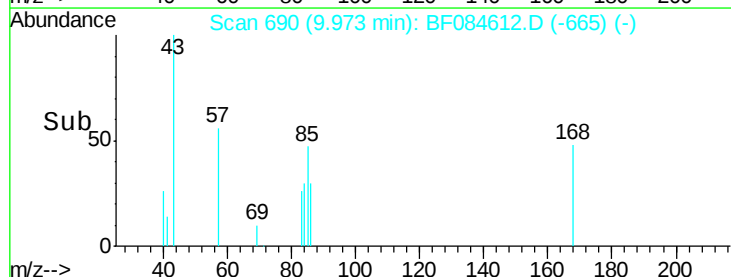
169 0.0 10.4 15.6#

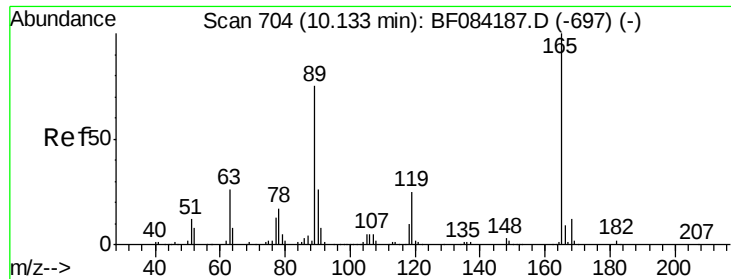


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

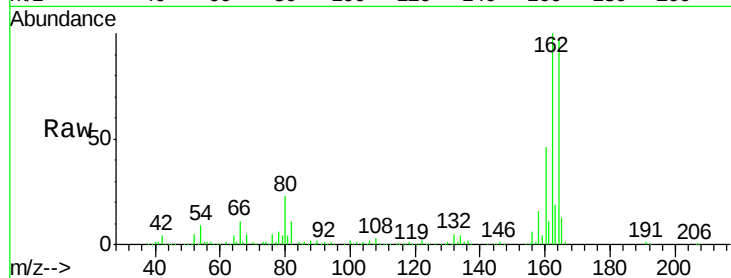




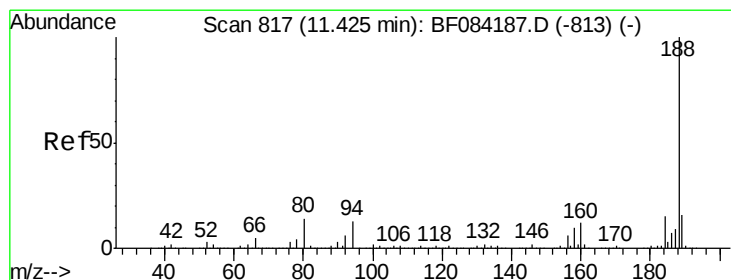
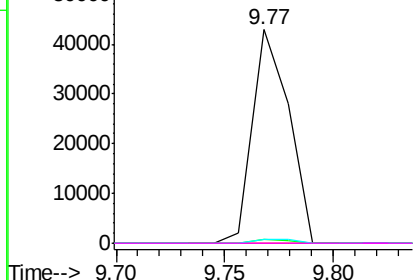
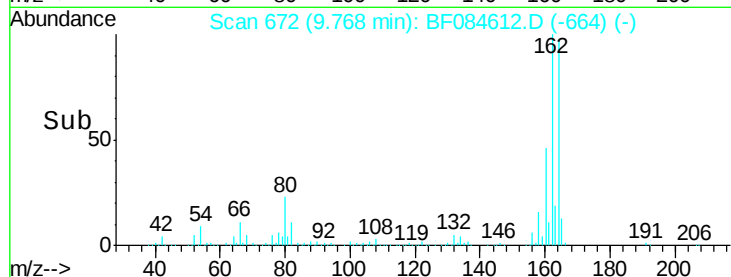
#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF084612.D
 Acq: 25 Jan 2016 17:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:165 Resp: 49955
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.7 55.1#
 89 1.7 61.9 92.9#
 182 0.0 2.0 3.0#

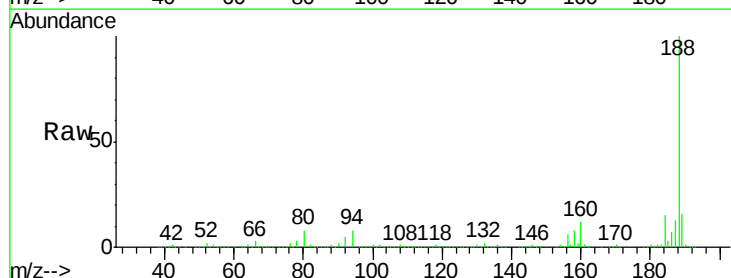


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

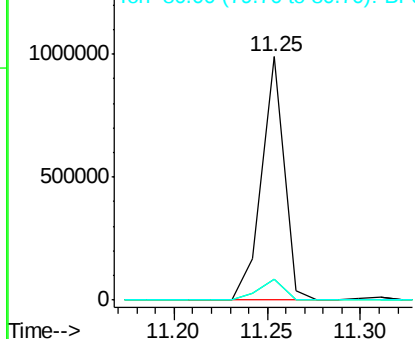
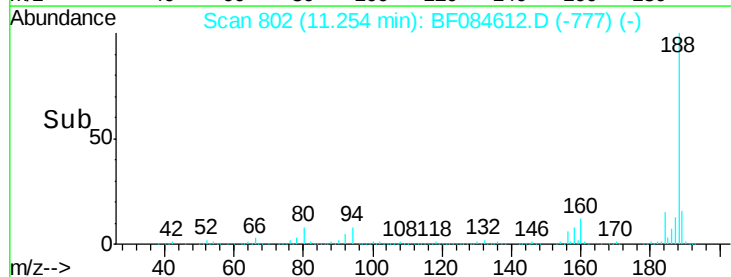


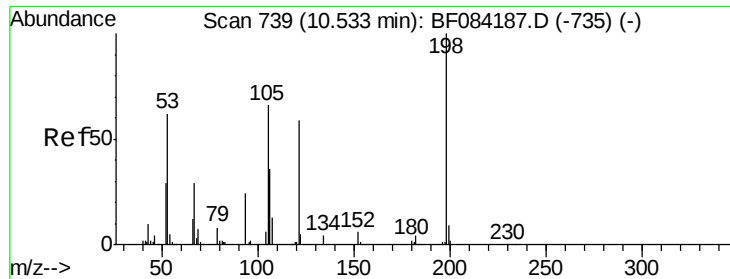
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084612.D
 Acq: 25 Jan 2016 17:31

Tgt Ion:188 Resp: 823651
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.4#
 80 8.4 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

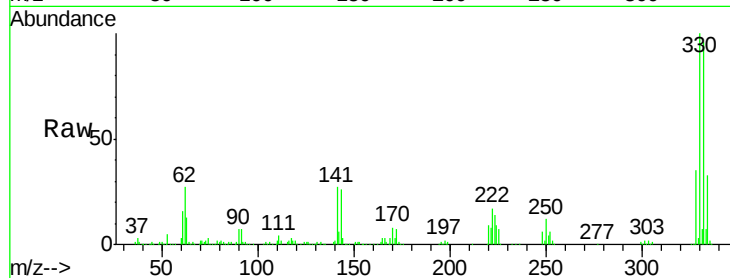




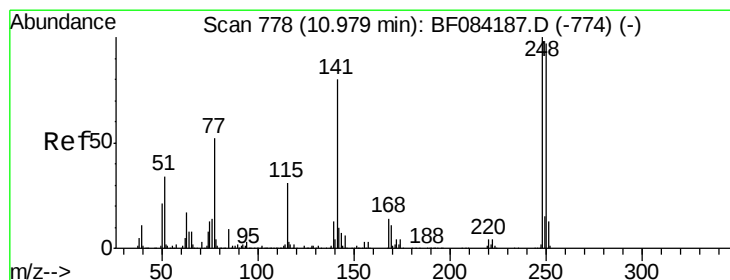
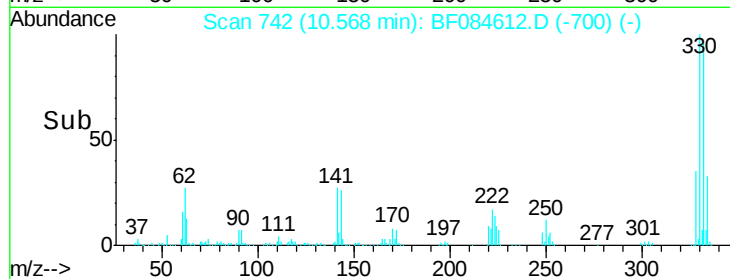
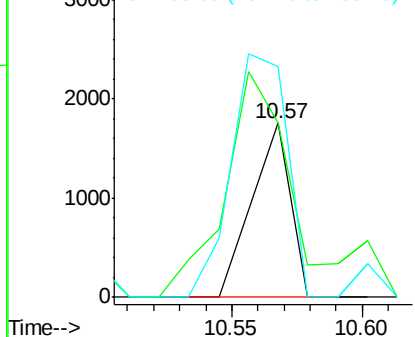
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.69 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.18 min
 Lab File: BF084612.D
 Acq: 25 Jan 2016 17:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:198 Resp: 1804
 Ion Ratio Lower Upper
 198 100
 51 100.0 18.9 58.9#
 105 133.1 26.4 66.4#

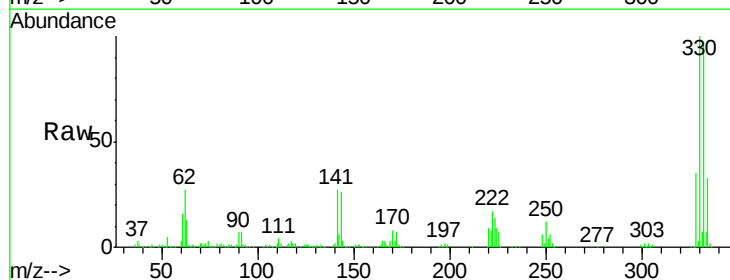


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

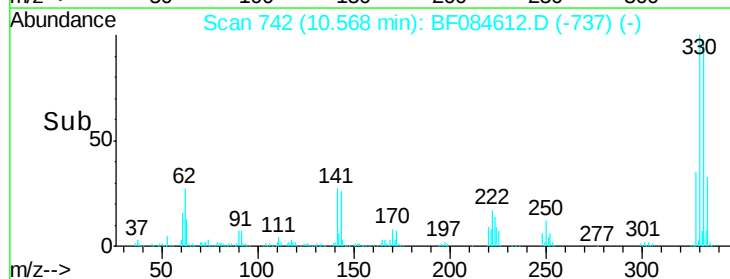
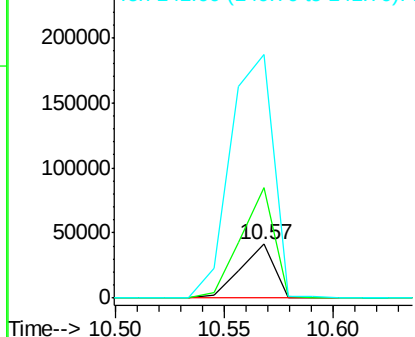


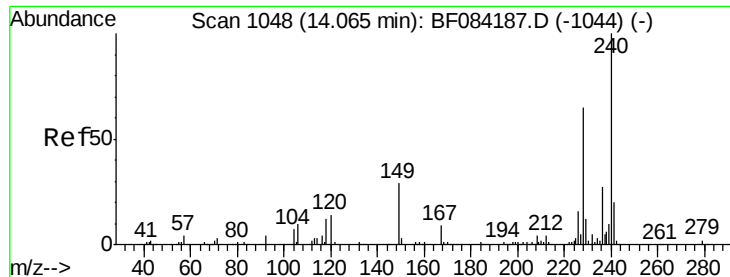
#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.24 min
 Lab File: BF084612.D
 Acq: 25 Jan 2016 17:31

Tgt Ion:248 Resp: 44585
 Ion Ratio Lower Upper
 248 100
 250 206.6 78.4 117.6#
 141 454.5 44.0 66.0#



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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

Instrument :

BNA_F

ClientSampled :

MW-05

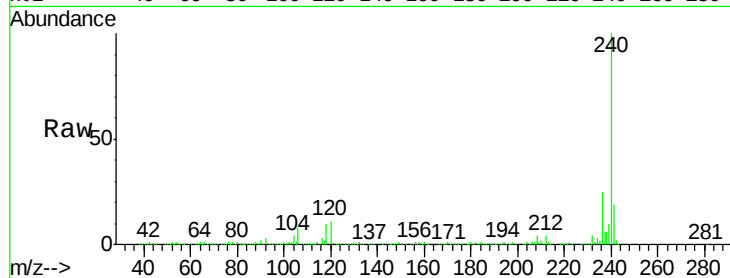
Tgt Ion:240 Resp: 692545

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

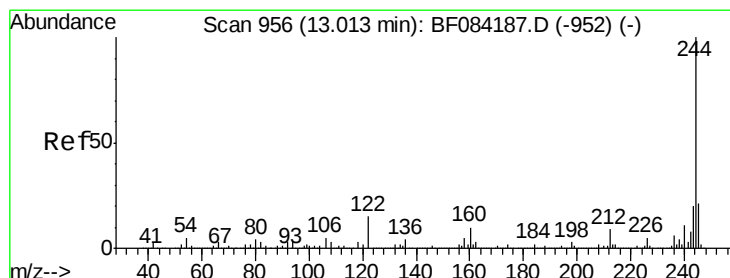
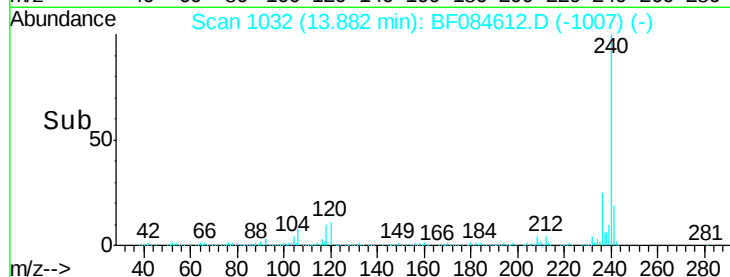
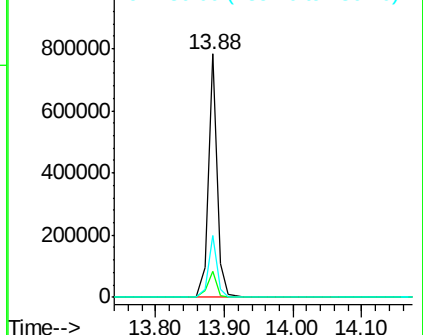
236 25.3 20.6 31.0



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: 82.71 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF084612.D

Acq: 25 Jan 2016 17:31

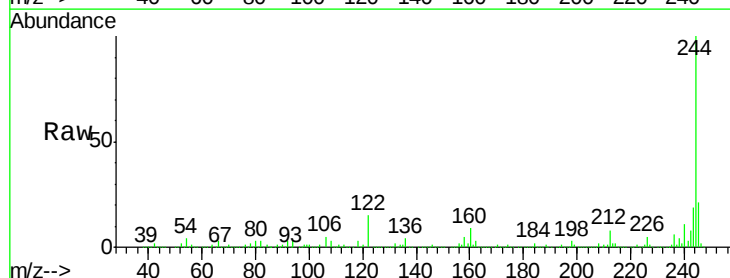
Tgt Ion:244 Resp: 2566203

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

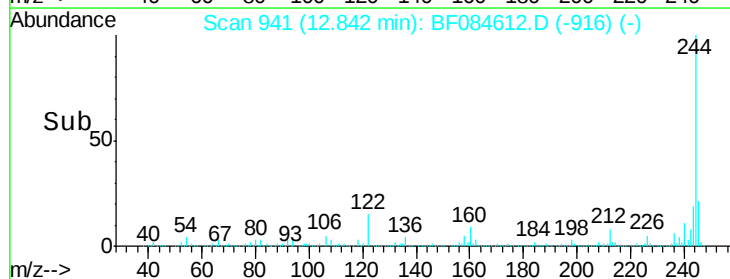
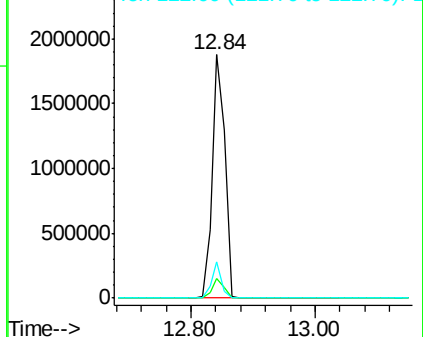
122 14.8 7.4 11.0#

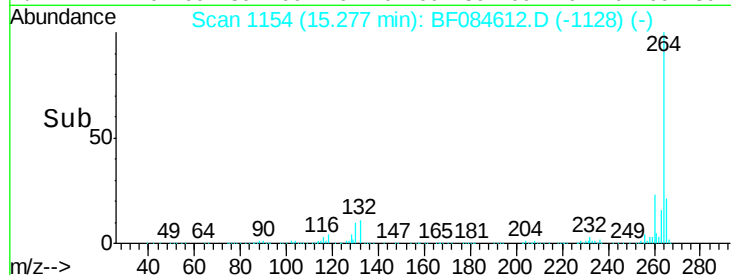
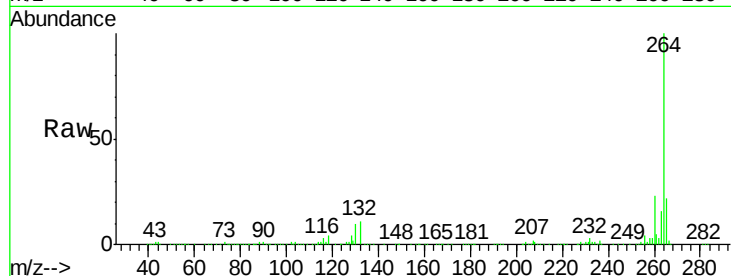
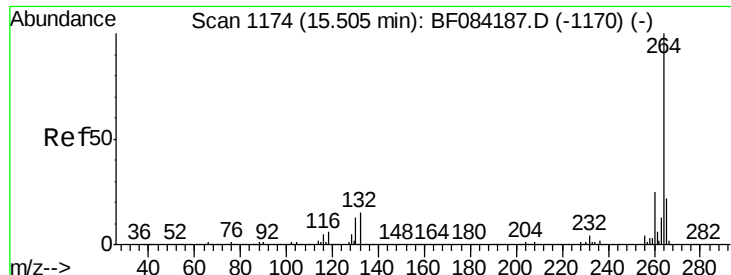


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF084612.D
Acq: 25 Jan 2016 17:31

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:	264	Resp:	497547
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.5	17.8	26.6

