

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084399.D
 Acq On : 12 Jan 2016 00:55
 Operator : SJ/UM
 Sample : H1066-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Quant Time: Jan 12 02:22:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	381691	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1452765	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	671778	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1092522	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	703299	20.00	ng	-0.06
86) Perylene-d12	15.44	264	616381	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1207077	51.15	ng	-0.03
7) Phenol-d6	6.49	99	936535	31.60	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2190498	83.92	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	735728	108.48	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2918923	75.75	ng	-0.05
78) Terphenyl-d14	12.97	244	2453337	77.87	ng	-0.05

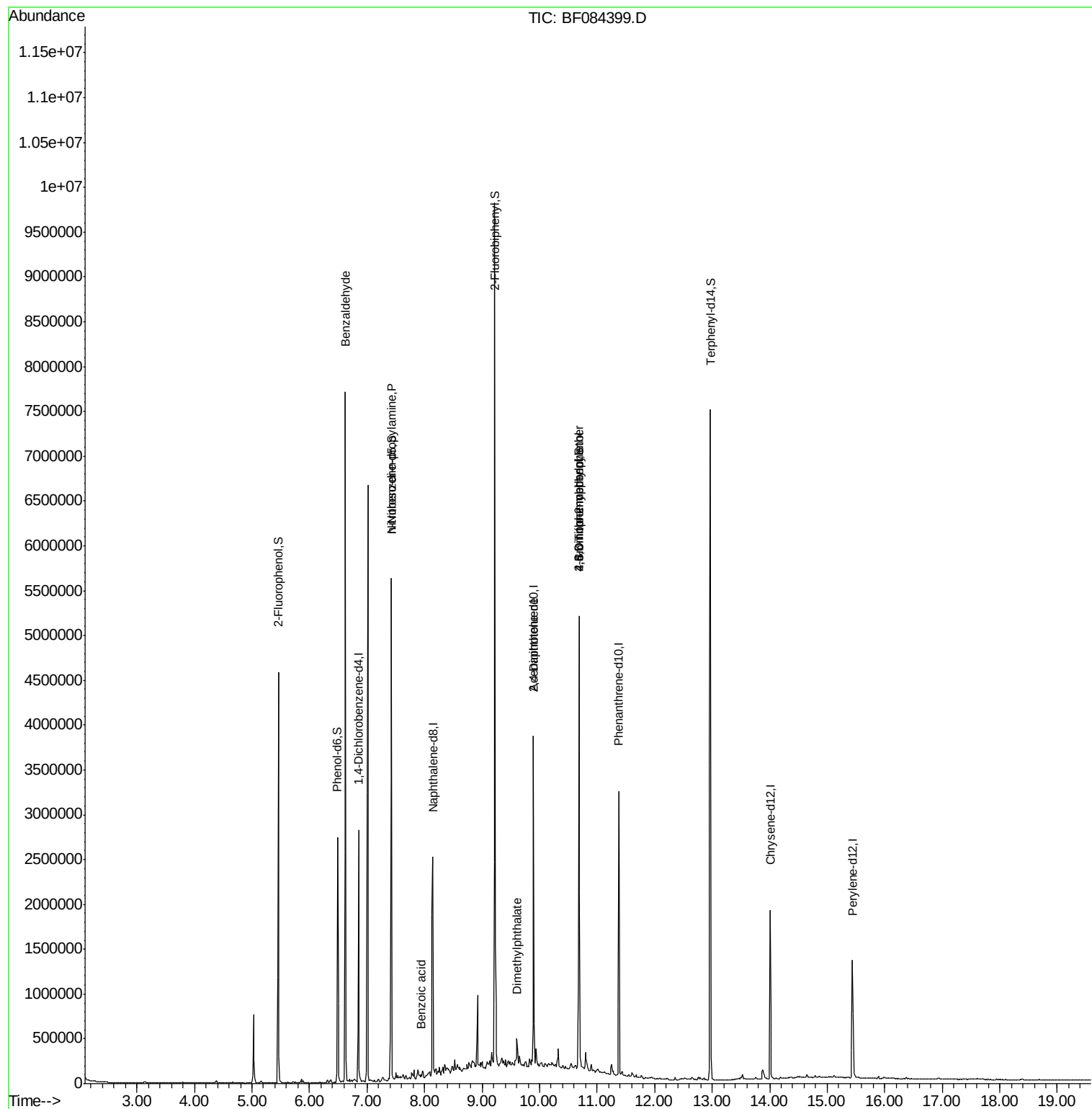
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	50496	2.62	ng	# 76
19) n-Nitroso-di-n-propylamine	7.42	70	307946	15.35	ng	# 76
32) Benzoic acid	7.94	122	1714	6.34	ng	# 64
49) Dimethylphthalate	9.61	163	120183	2.50	ng	# 89
54) Dibenzofuran	10.10	168	1235	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.89	165	93840	7.04	ng	# 22
57) Fluorene	10.44	166	1490	Below Cal		# 1
60) 4-Chlorophenyl-phenylether	10.42	204	1465	Below Cal		# 83
64) 4,6-Dinitro-2-methylphenol	10.68	198	1899	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	42985	3.66	ng	# 1
73) Di-n-butylphthalate	11.94	149	11010	Below Cal		# 92

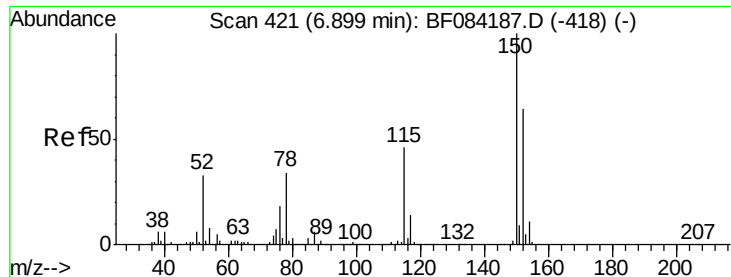
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampled :

MW-16R

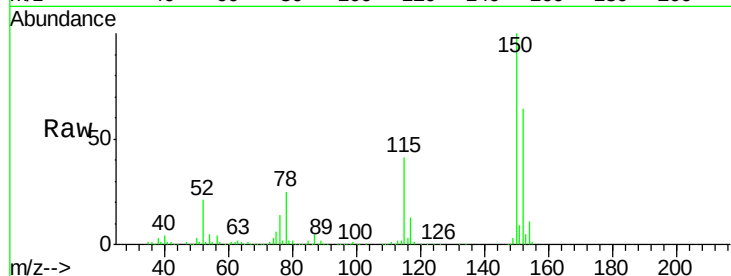
Tgt Ion:152 Resp: 381691

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

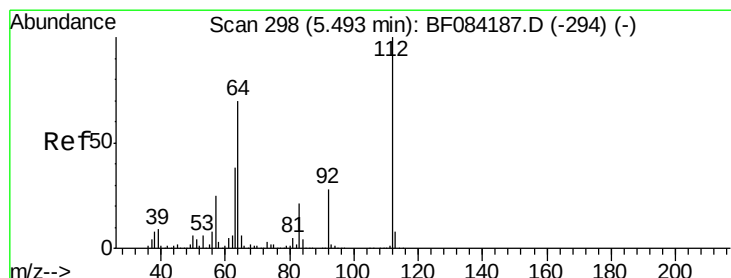
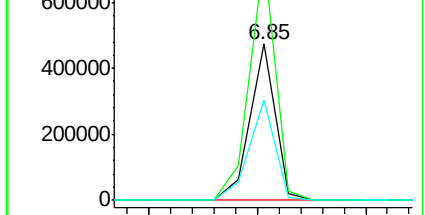
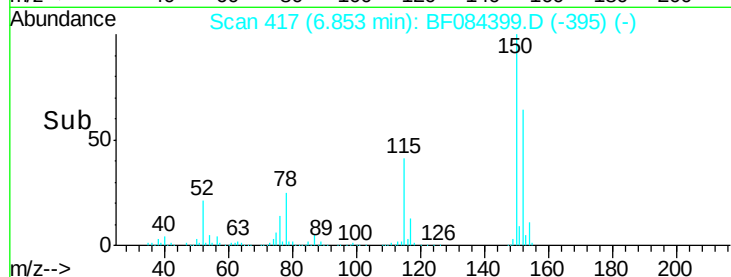
115 64.0 51.4 77.2



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: 51.15 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

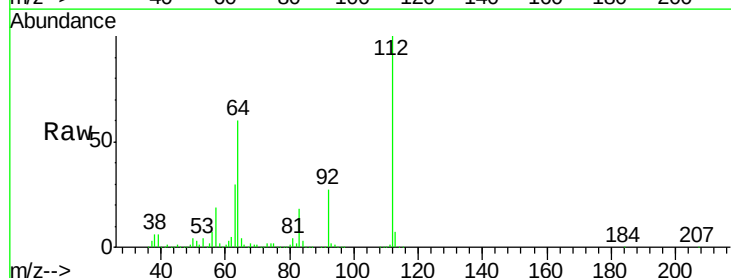
Tgt Ion:112 Resp: 1207077

Ion Ratio Lower Upper

112 100

64 60.2 36.6 55.0#

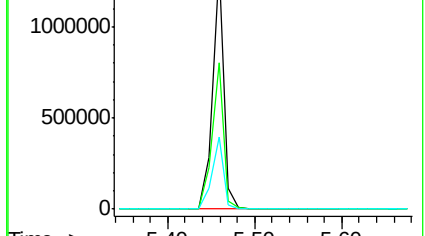
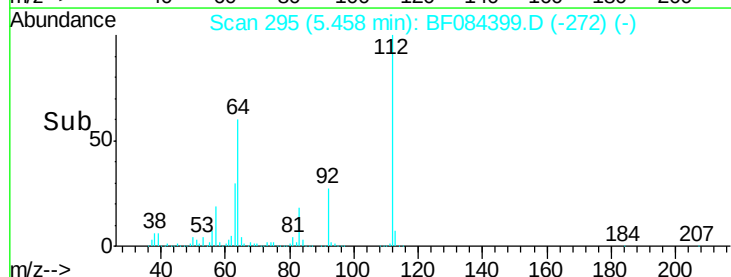
63 29.7 19.4 29.0#

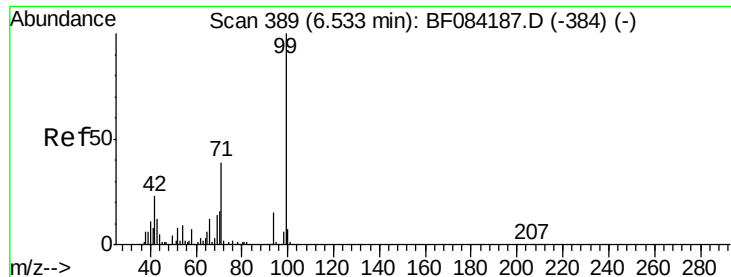


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.60 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-16R

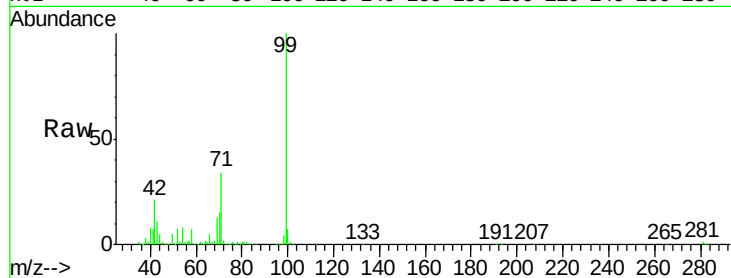
Tgt Ion: 99 Resp: 936535

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

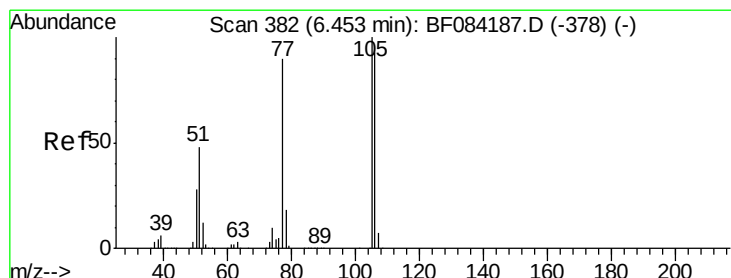
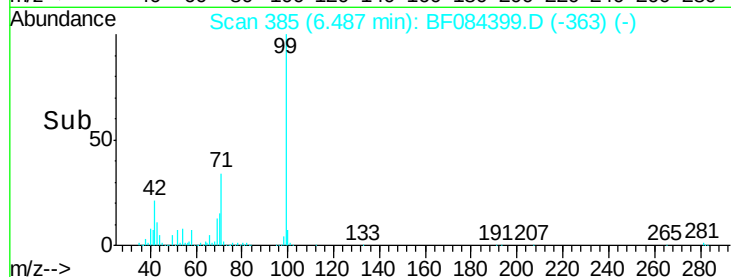
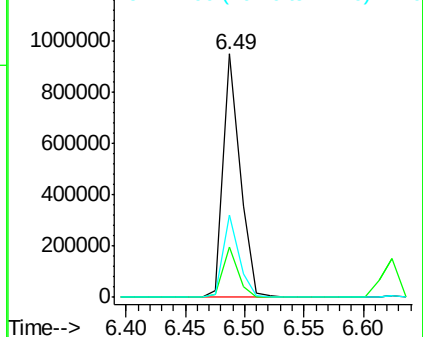
71 34.1 30.9 46.3



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: 2.62 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

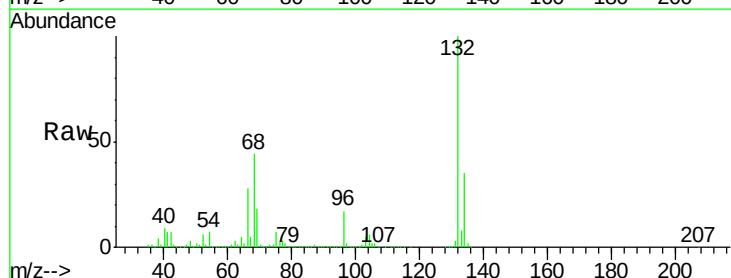
Tgt Ion: 77 Resp: 50496

Ion Ratio Lower Upper

77 100

105 78.6 83.0 123.0#

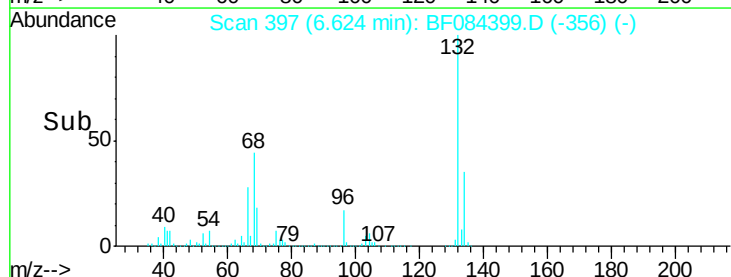
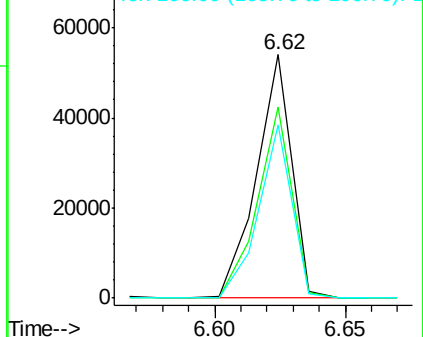
106 71.1 74.6 114.6#

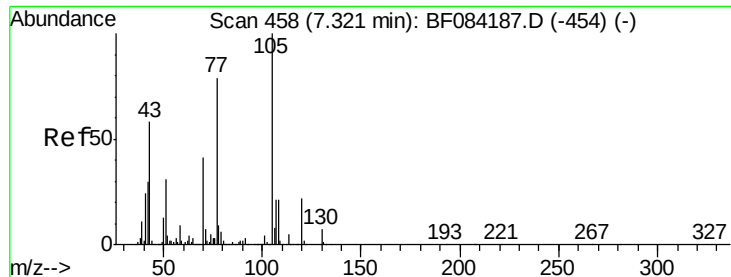


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

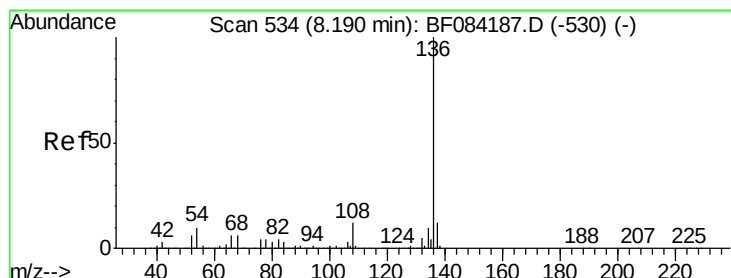
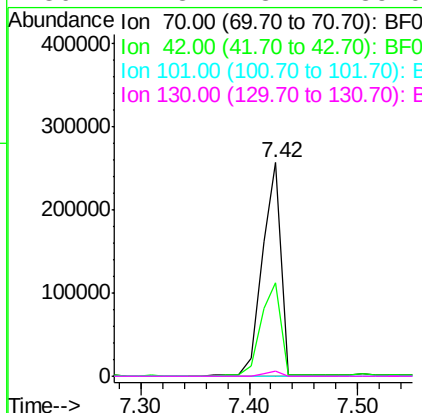
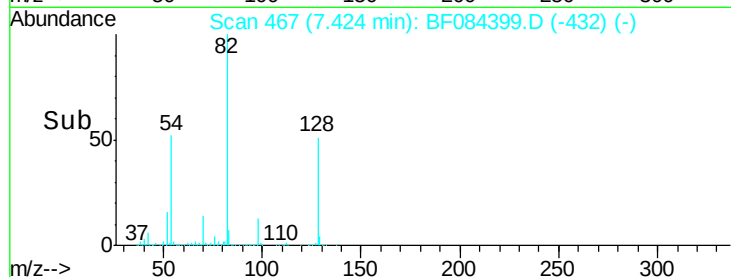
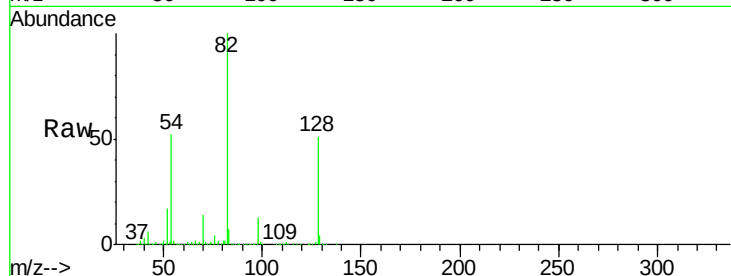




#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084399.D
Acq: 12 Jan 2016 00:55

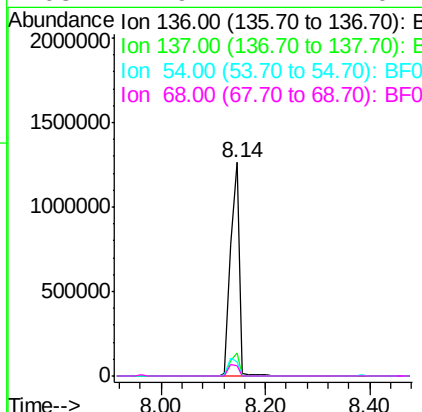
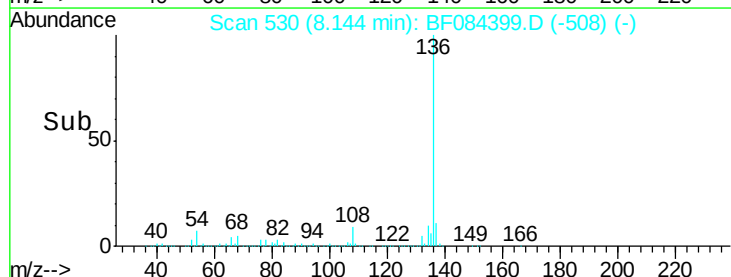
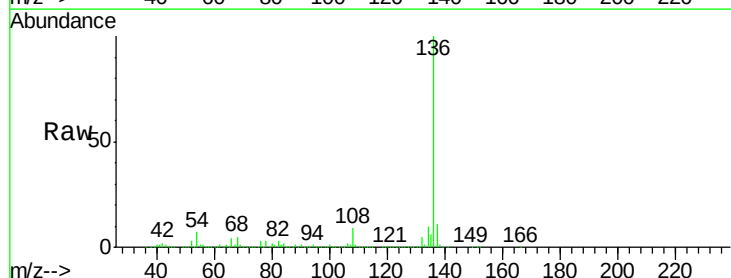
Instrument :
BNA_F
ClientSampleId :
MW-16R

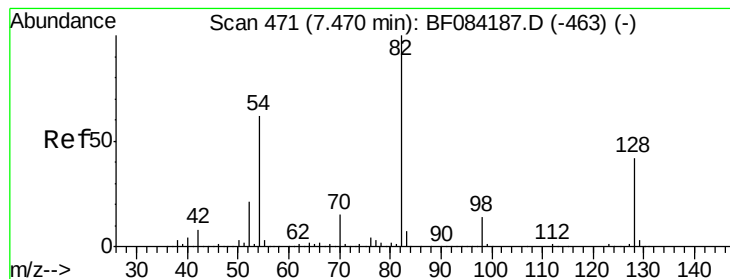
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084399.D
Acq: 12 Jan 2016 00:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.7	5.8	8.8
68	4.9	4.2	6.2





#23

Nitrobenzene-d5

Concen: 83.92 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-16R

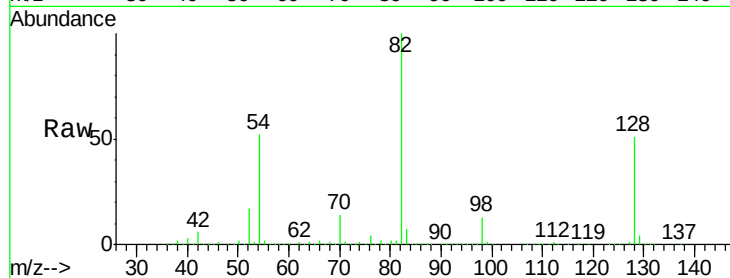
Tgt Ion: 82 Resp: 2190498

Ion Ratio Lower Upper

82 100

128 51.0 34.6 51.8

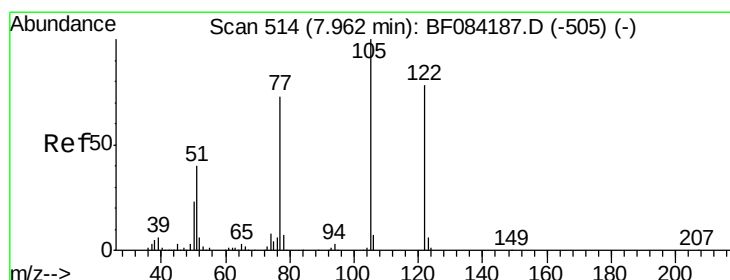
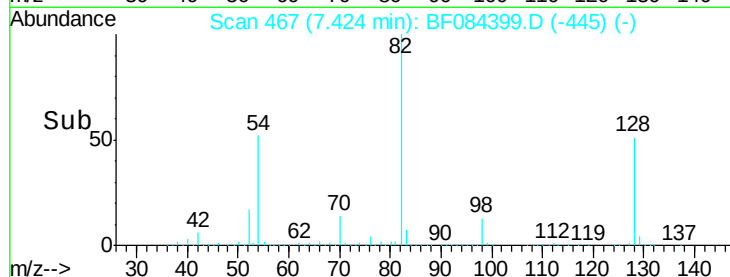
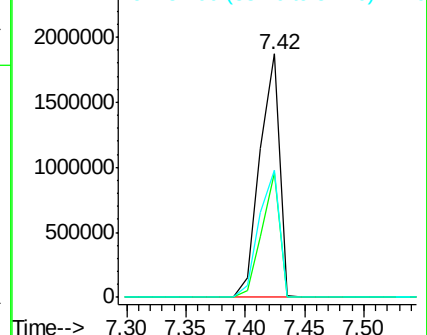
54 52.2 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 6.34 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

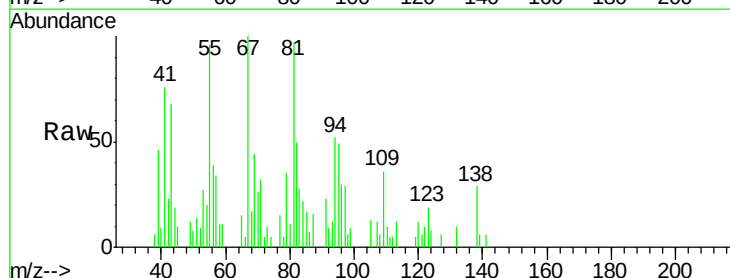
Tgt Ion: 122 Resp: 1714

Ion Ratio Lower Upper

122 100

105 131.0 100.3 140.3

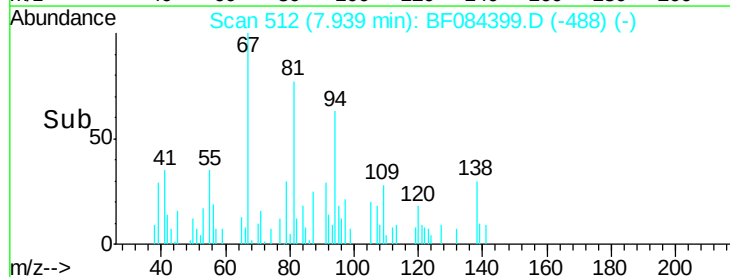
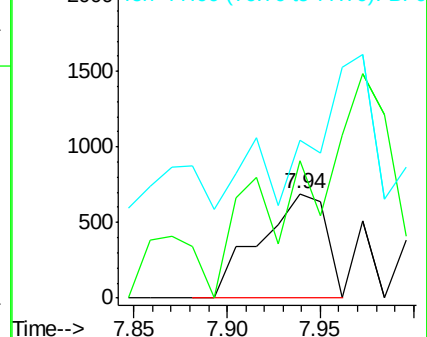
77 150.2 63.5 103.5#

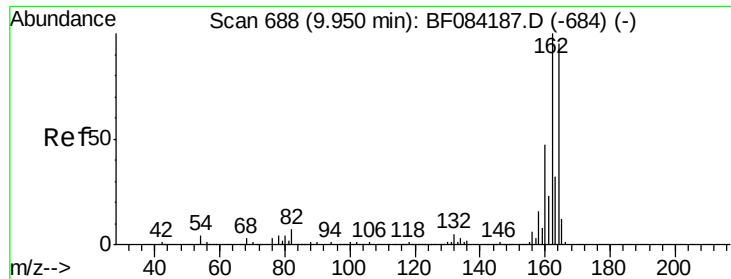


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-16R

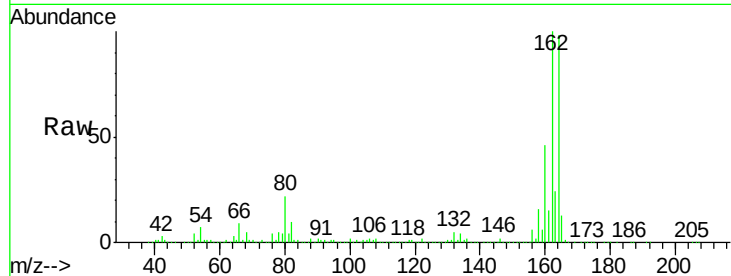
Tgt Ion:164 Resp: 671778

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

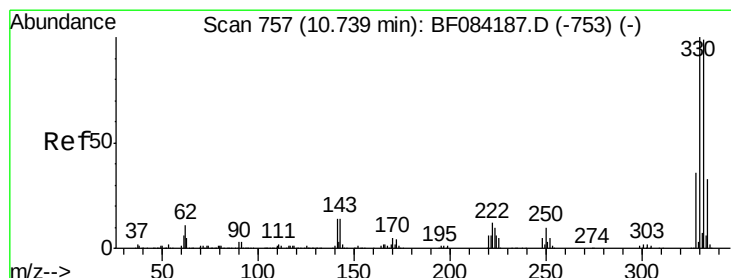
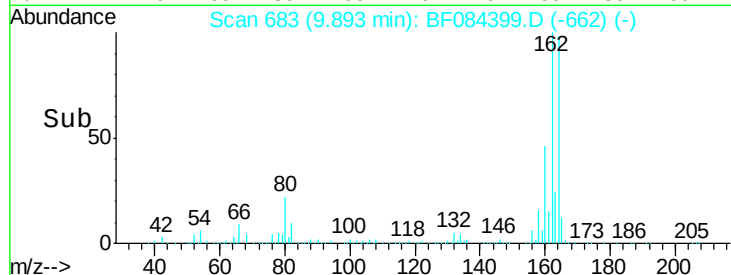
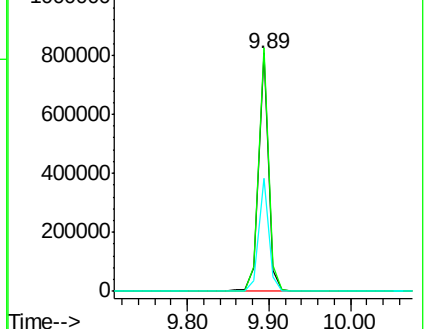
160 47.3 37.5 56.3



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: 108.48 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

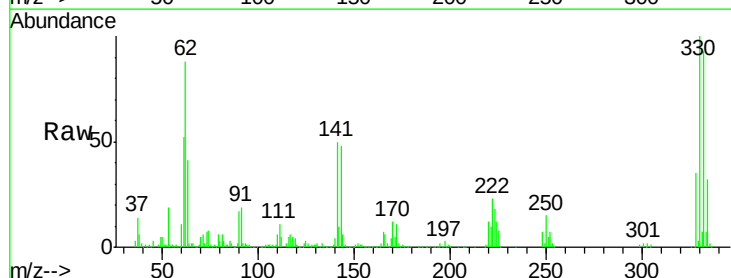
Tgt Ion:330 Resp: 735728

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

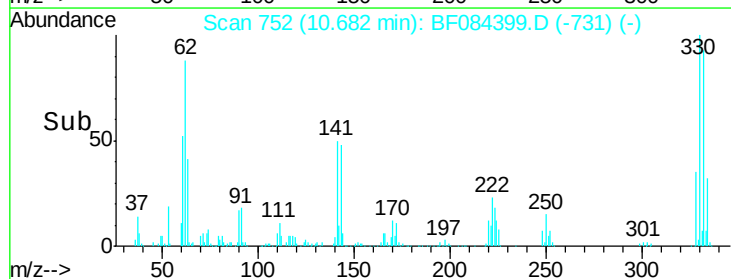
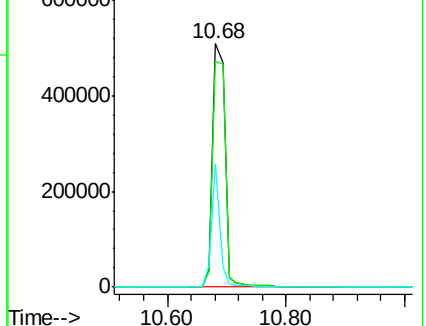
141 33.4 27.8 41.6

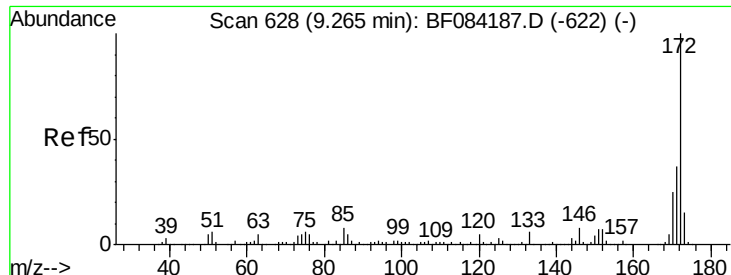


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

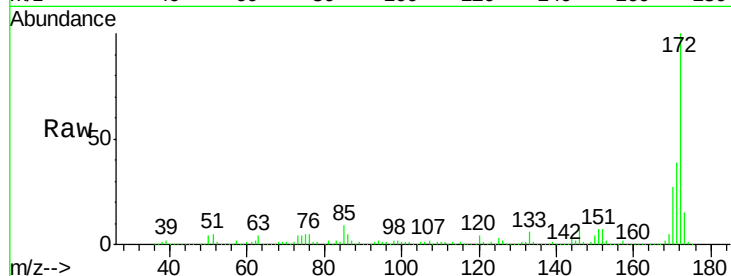




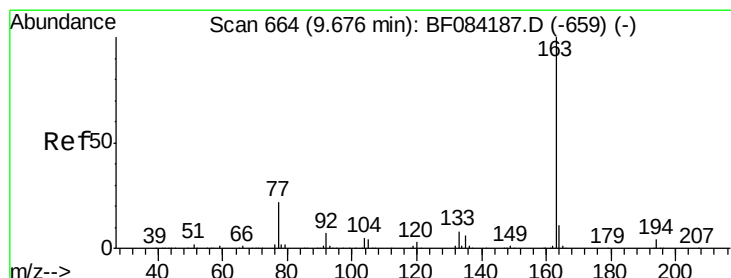
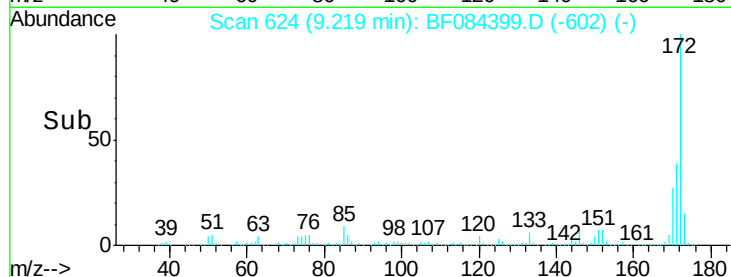
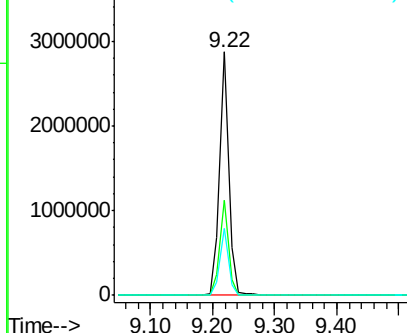
#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084399.D
 Acq: 12 Jan 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Tgt Ion:172 Resp: 2918923
 Ion Ratio Lower Upper
 172 100
 171 39.3 28.9 43.3
 170 27.5 18.6 27.8

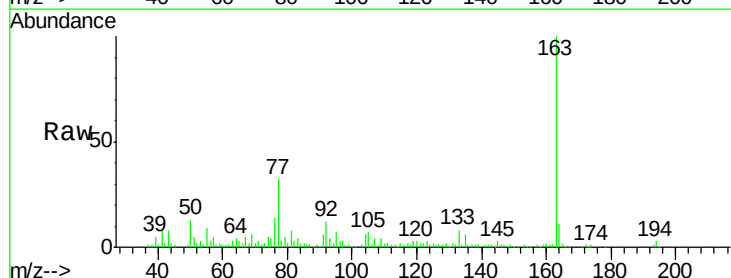


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

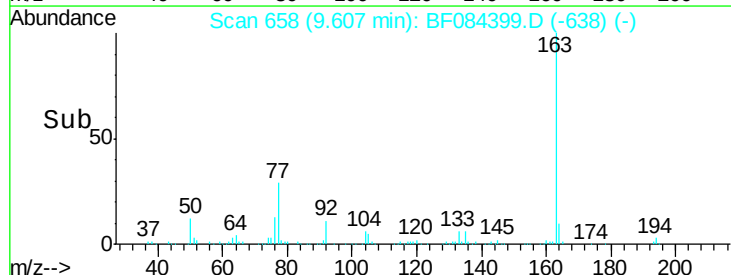
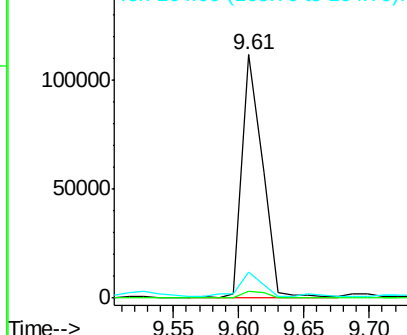


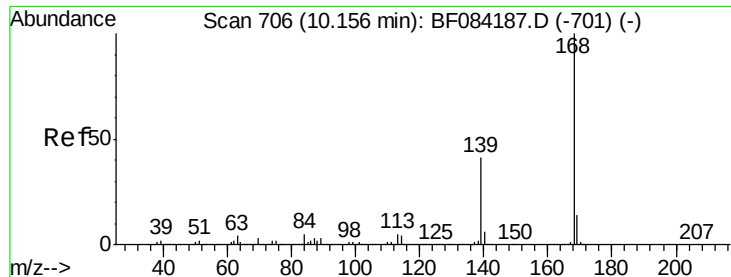
#49
 Dimethylphthalate
 Concen: 2.50 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.07 min
 Lab File: BF084399.D
 Acq: 12 Jan 2016 00:55

Tgt Ion:163 Resp: 120183
 Ion Ratio Lower Upper
 163 100
 194 2.8 8.0 12.0#
 164 10.6 8.0 12.0



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

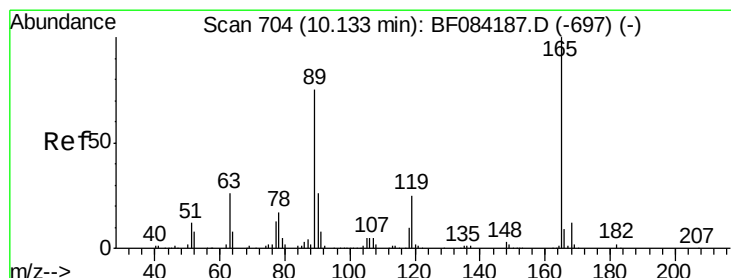
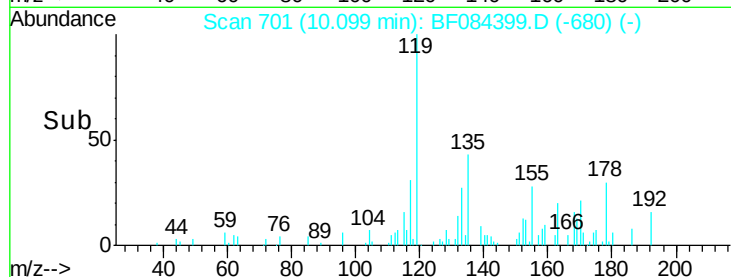
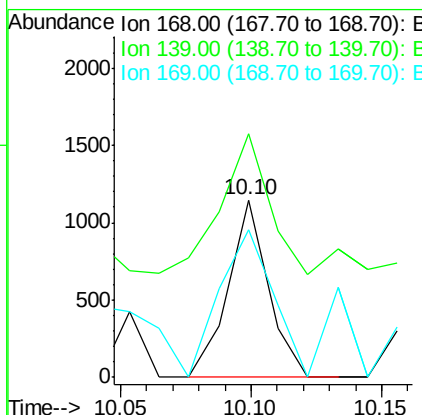
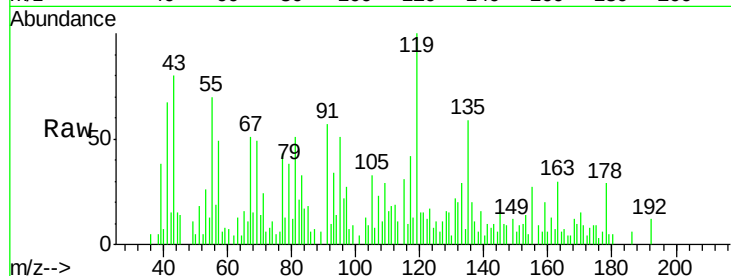




#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084399.D
Acq: 12 Jan 2016 00:55

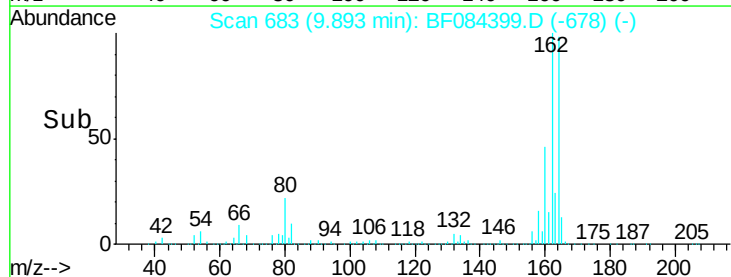
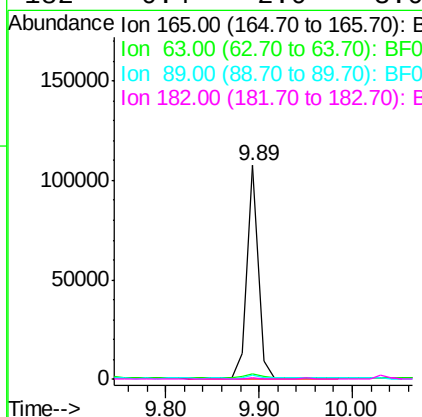
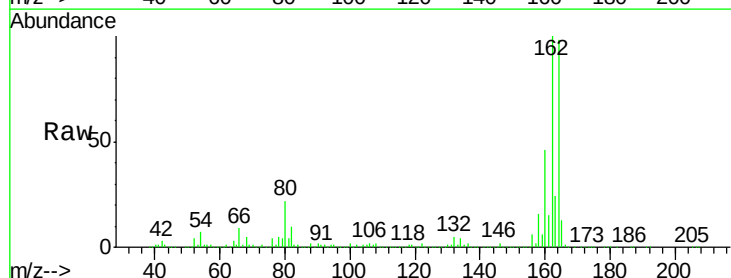
Instrument :
BNA_F
ClientSampleId :
MW-16R

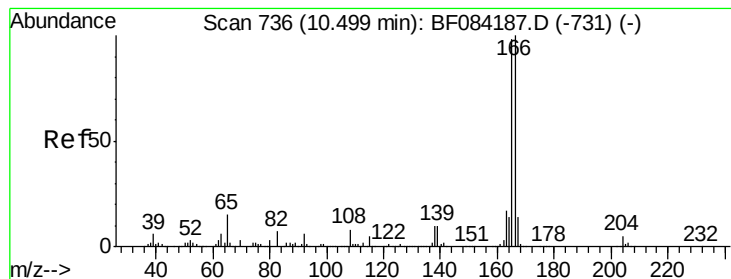
Tgt Ion:168 Resp: 1235
Ion Ratio Lower Upper
168 100
139 137.2 30.5 45.7#
169 83.3 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084399.D
Acq: 12 Jan 2016 00:55

Tgt Ion:165 Resp: 93840
Ion Ratio Lower Upper
165 100
63 2.2 36.7 55.1#
89 1.9 61.9 92.9#
182 0.4 2.0 3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-16R

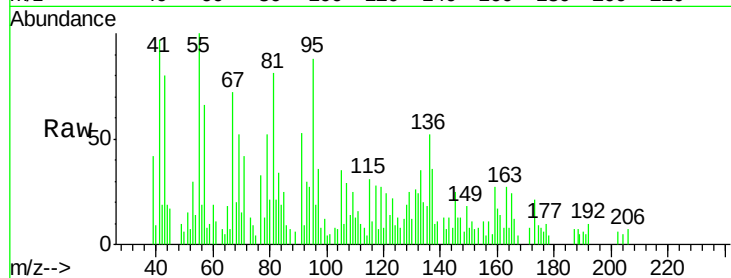
Tgt Ion:166 Resp: 1490

Ion Ratio Lower Upper

166 100

165 203.2 79.1 118.7#

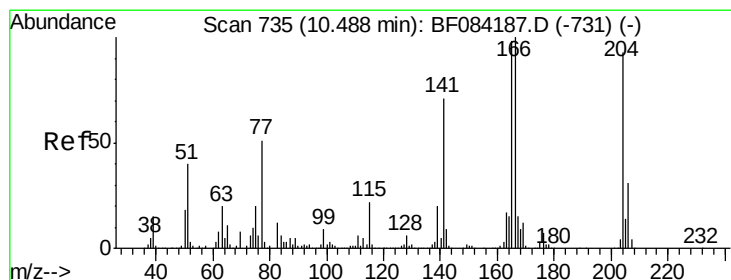
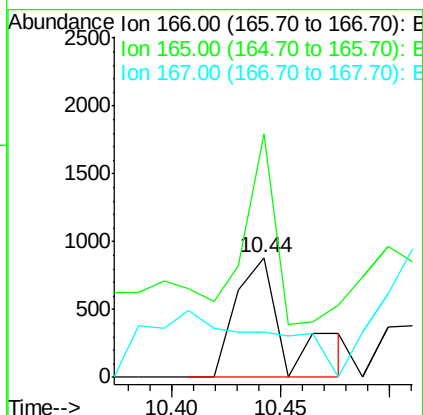
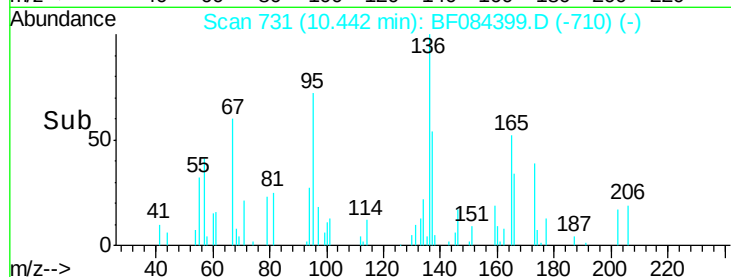
167 37.4 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.42 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

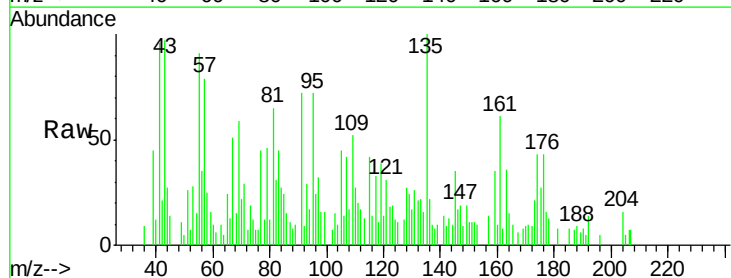
Tgt Ion:204 Resp: 1465

Ion Ratio Lower Upper

204 100

206 41.1 25.7 38.5#

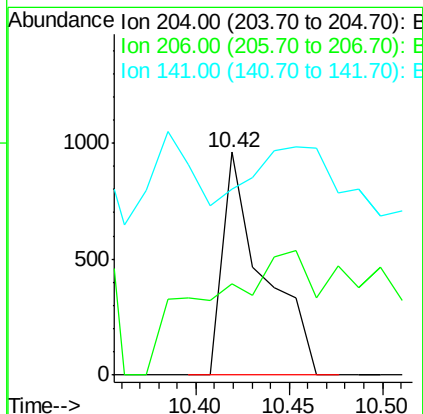
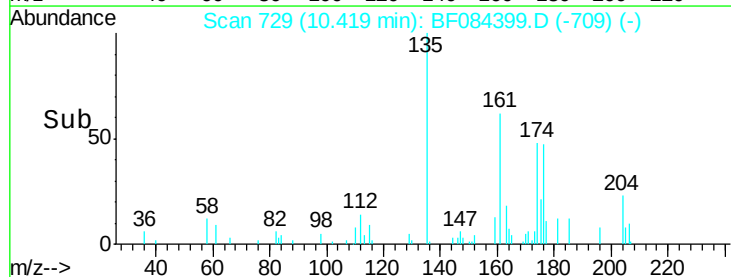
141 83.4 55.1 82.7#

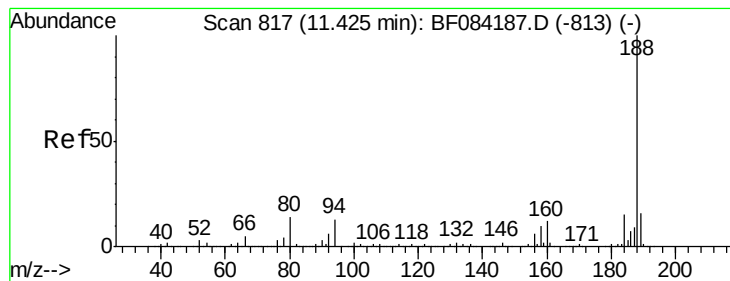


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-16R

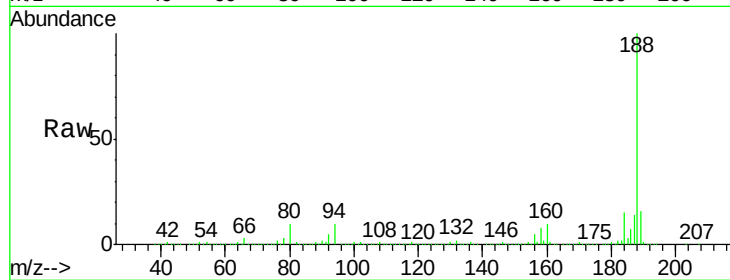
Tgt Ion:188 Resp: 1092522

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

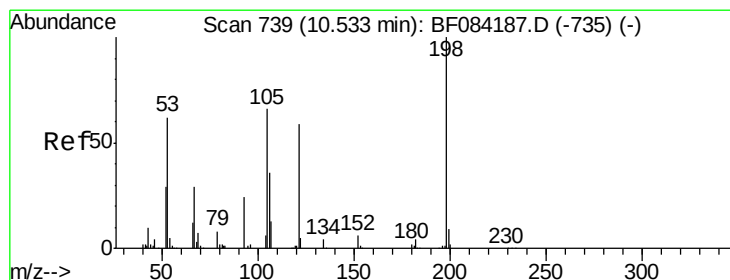
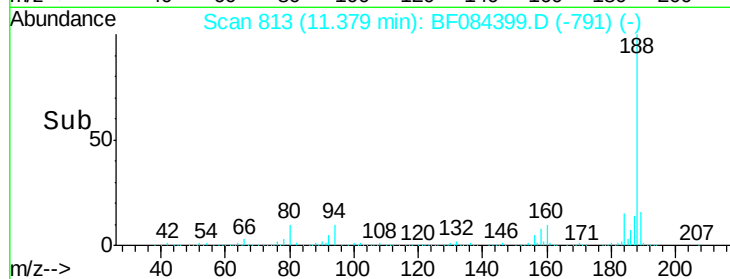
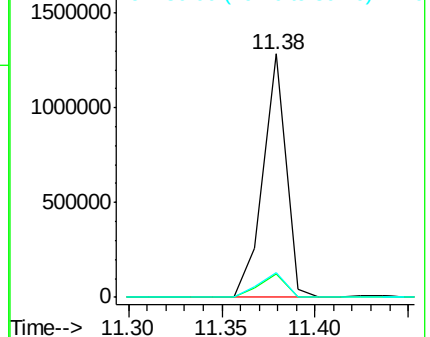
80 10.0 9.6 14.4



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: 6.63 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

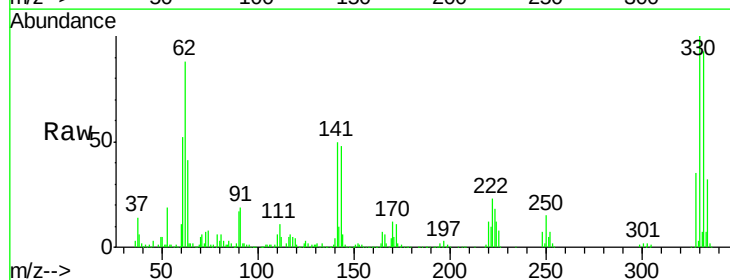
Tgt Ion:198 Resp: 1899

Ion Ratio Lower Upper

198 100

51 228.3 18.9 58.9#

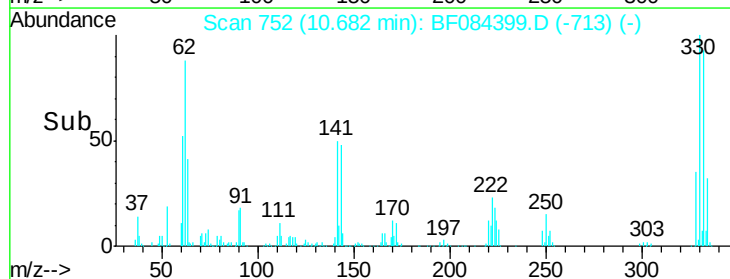
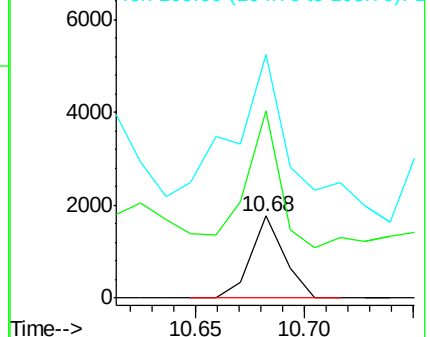
105 297.2 26.4 66.4#

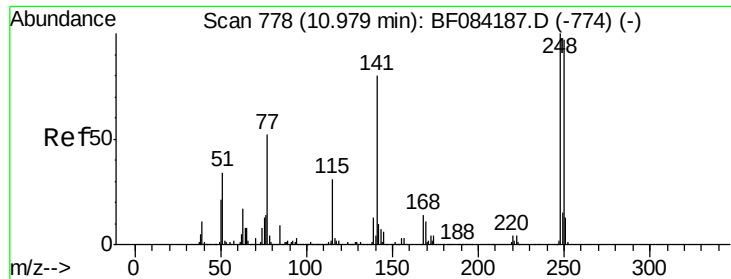


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.66 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-16R

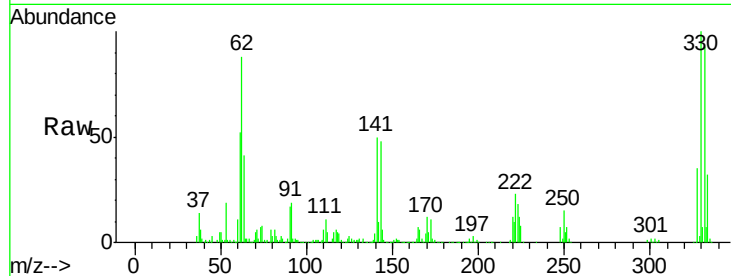
Tgt Ion:248 Resp: 42985

Ion Ratio Lower Upper

248 100

250 204.0 78.4 117.6#

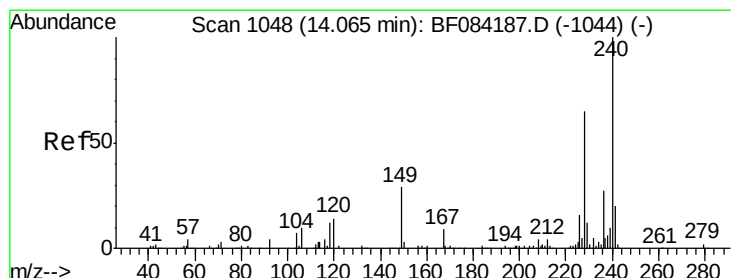
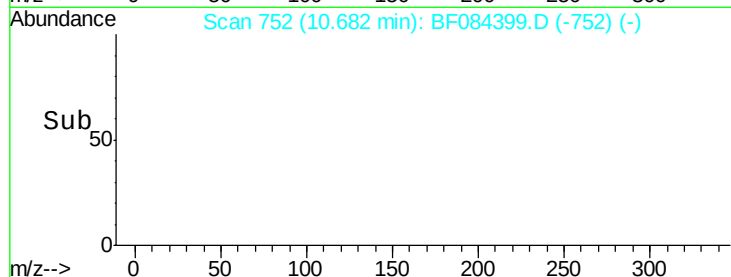
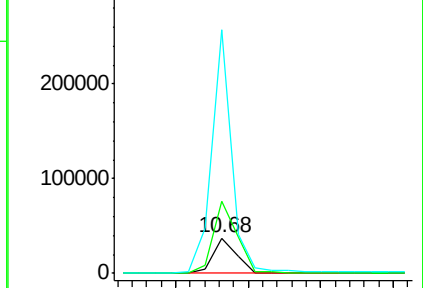
141 684.4 44.0 66.0#



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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084399.D

Acq: 12 Jan 2016 00:55

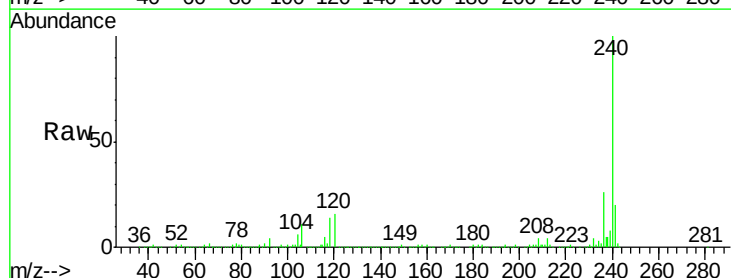
Tgt Ion:240 Resp: 703299

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

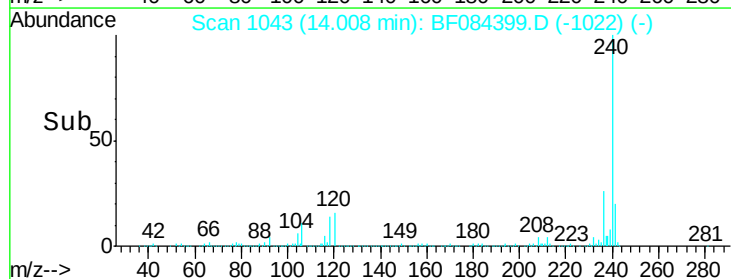
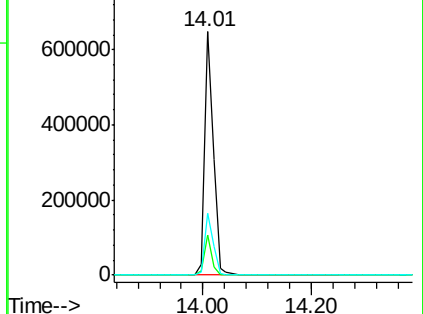
236 25.6 20.6 31.0

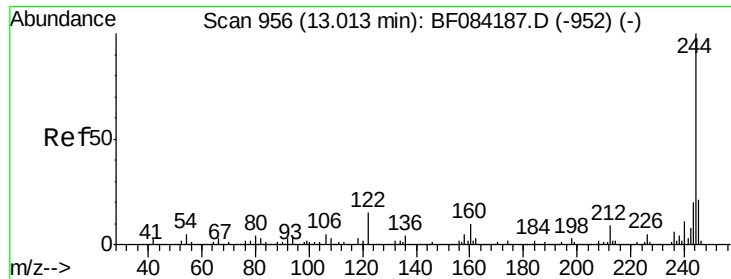


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

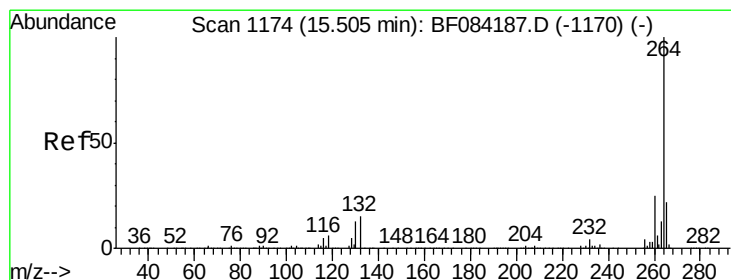
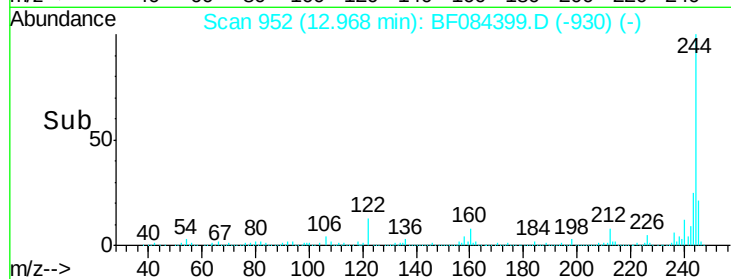
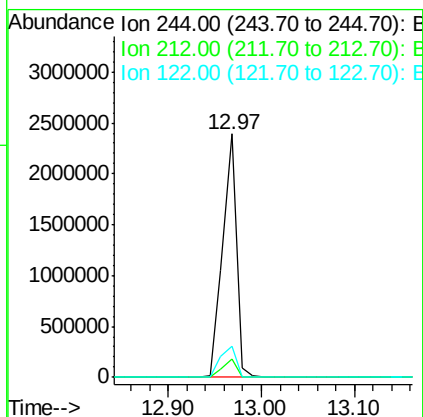
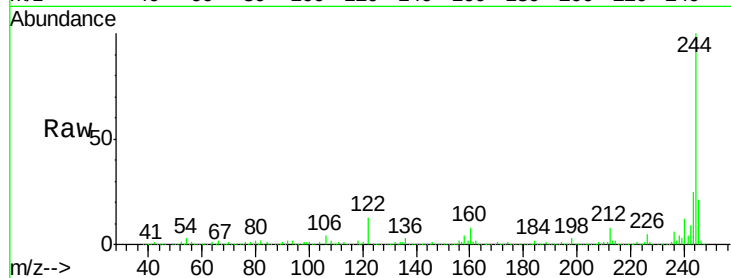




#78
 Terphenyl-d14
 Concen: 77.87 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084399.D
 Acq: 12 Jan 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Tgt Ion:244 Resp: 2453337
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084399.D
 Acq: 12 Jan 2016 00:55

Tgt Ion:264 Resp: 616381
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.1 17.8 26.6

