

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084389.D
 Acq On : 11 Jan 2016 19:40
 Operator : SJ/UM
 Sample : H1065-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Jan 12 02:16:48 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

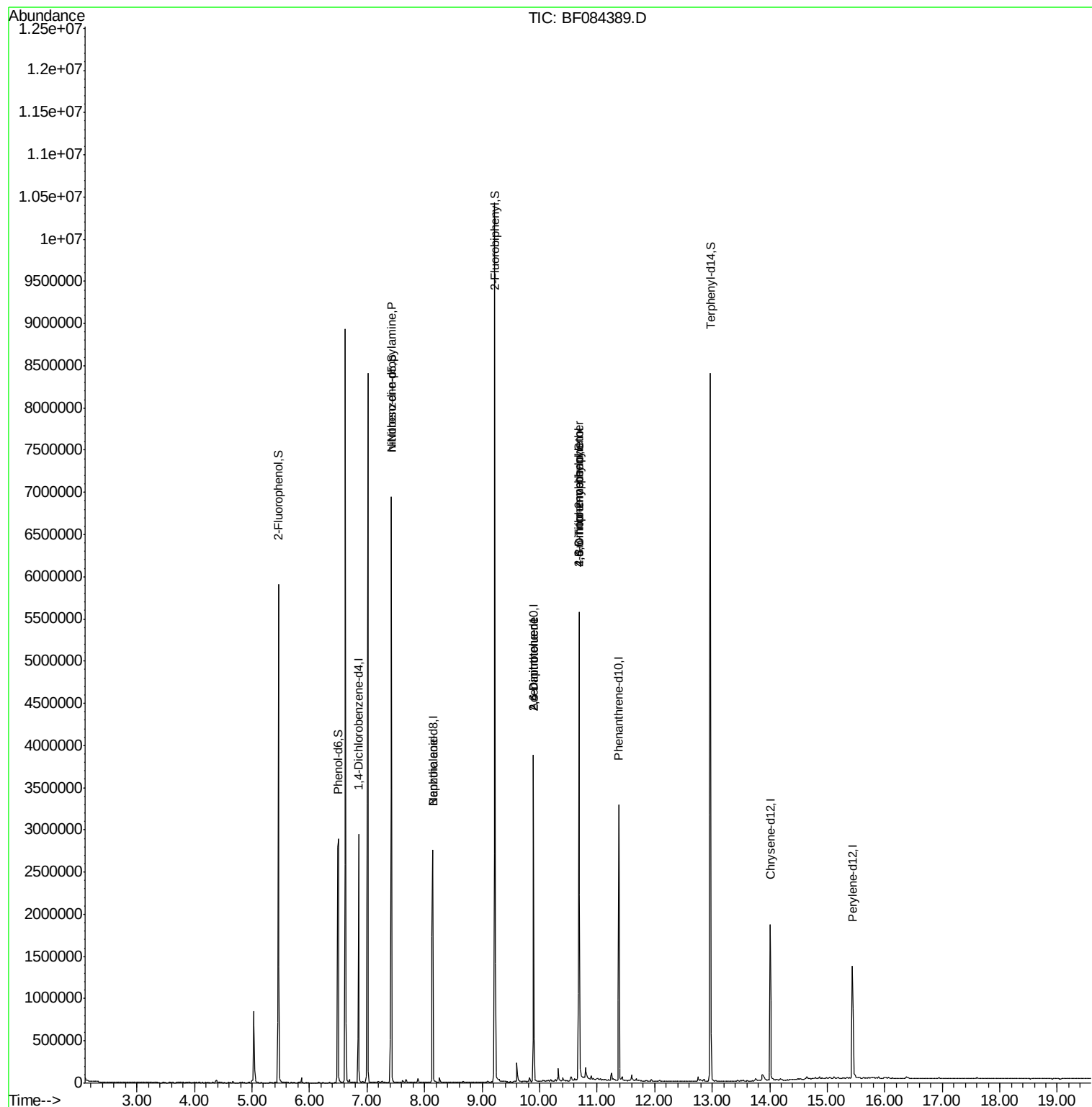
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	399254	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1555432	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	699771	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1154520	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	722022	20.00	ng	-0.06
86) Perylene-d12	15.44	264	634036	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1577557	63.91	ng	-0.03
7) Phenol-d6	6.50	99	1495850	48.25	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2514956	89.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	812134	114.96	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3169651	79.25	ng	-0.04
78) Terphenyl-d14	12.97	244	2586481	79.96	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	361359	17.22	ng	# 74
32) Benzoic acid	8.14	122	283	6.26	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	93899	8.56	ng	# 37
54) Dibenzofuran	10.10	168	1004	Below Cal	#	80
56) 2,4-Dinitrotoluene	9.89	165	94441	6.80	ng	# 21
57) Fluorene	10.44	166	1001	Below Cal	#	80
60) 4-Chlorophenyl-phenylether	10.24	204	484	Below Cal	#	24
64) 4,6-Dinitro-2-methylphenol	10.68	198	1413	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	48432	3.90	ng	# 1
73) Di-n-butylphthalate	11.94	149	11149	Below Cal	#	96

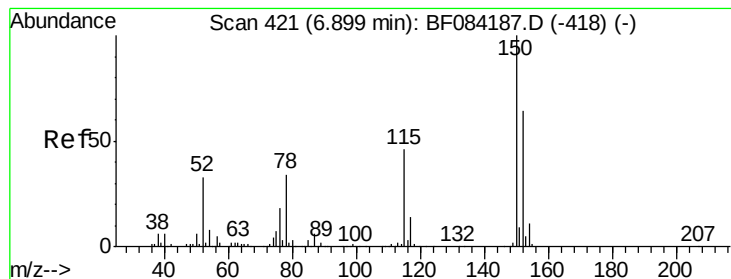
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084389.D

Acq: 11 Jan 2016 19:40

Instrument :

BNA_F

ClientSampled :

MW-12

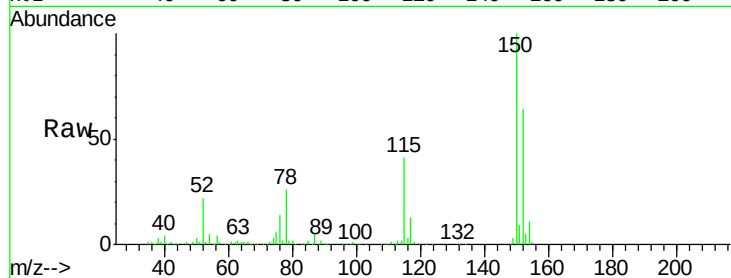
Tgt Ion:152 Resp: 399254

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

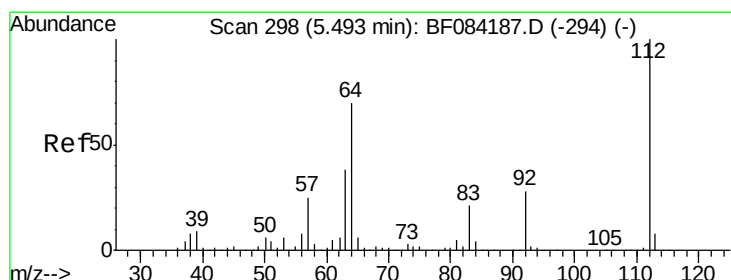
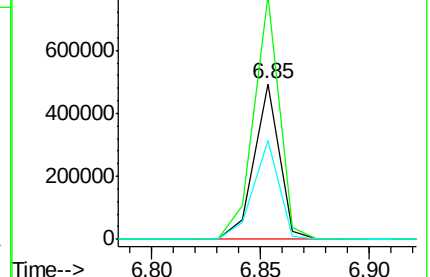
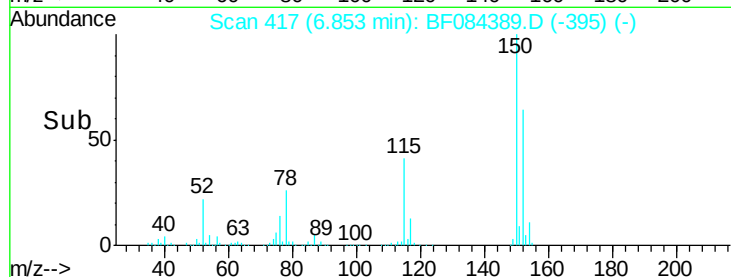
115 63.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 63.91 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

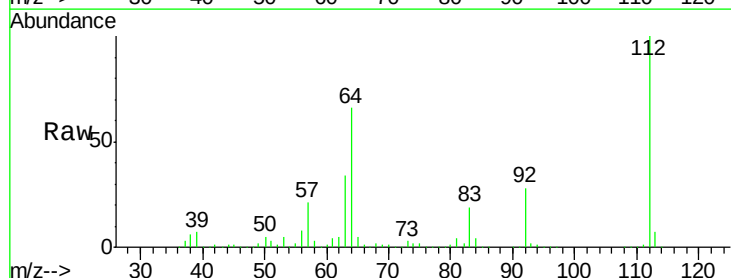
Tgt Ion:112 Resp: 1577557

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

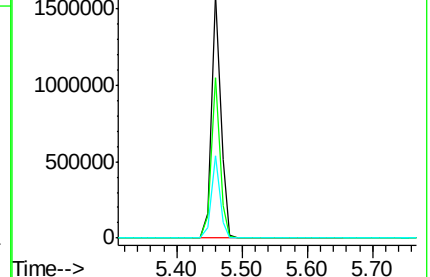
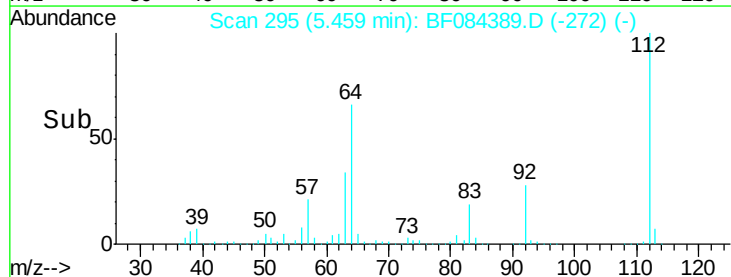
63 33.6 19.4 29.0#

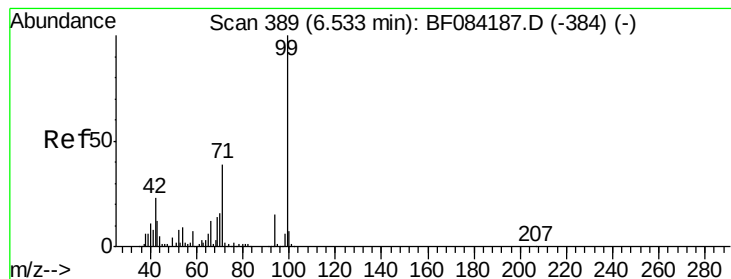


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.25 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-12

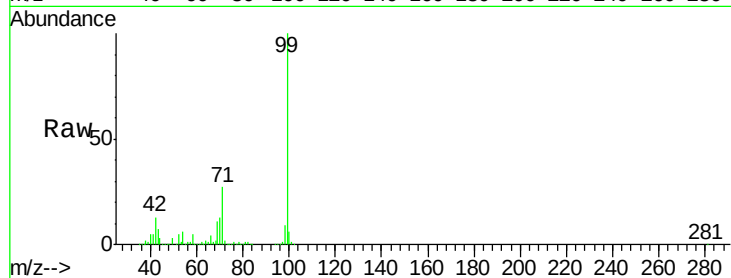
Tgt Ion: 99 Resp: 1495850

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

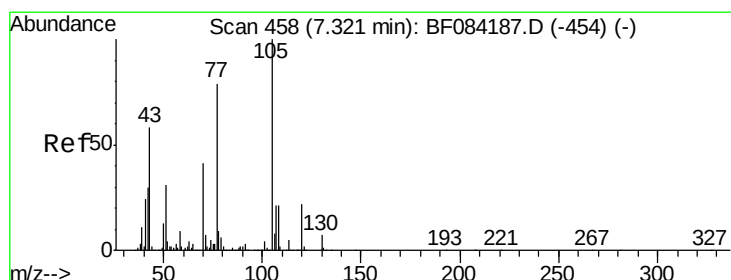
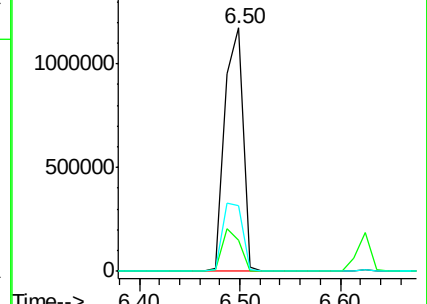
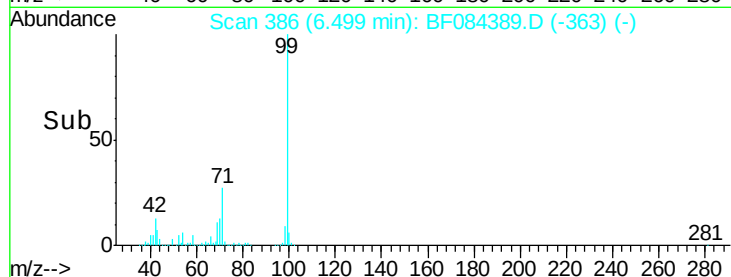
71 27.2 30.9 46.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.22 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

Tgt Ion: 70 Resp: 361359

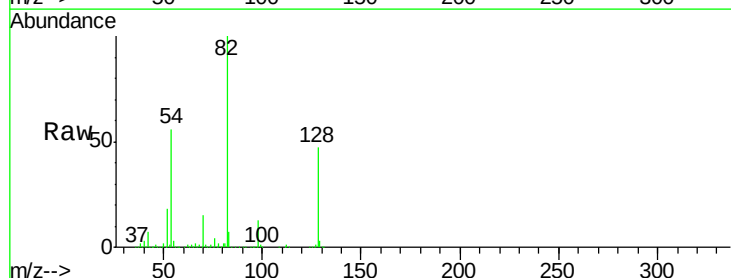
Ion Ratio Lower Upper

70 100

42 46.0 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

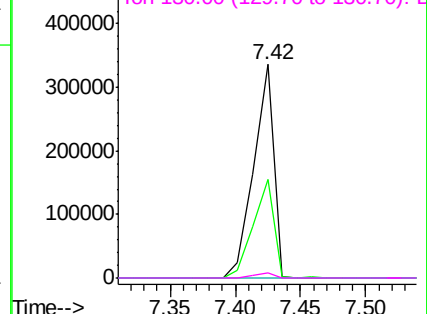
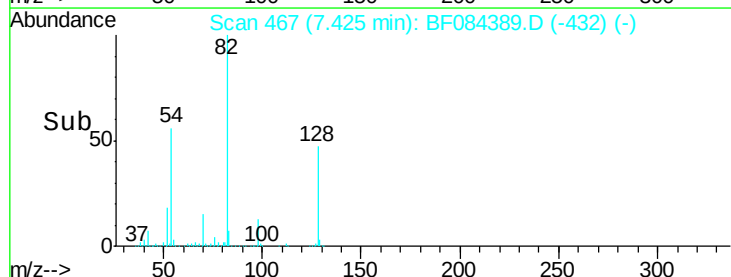


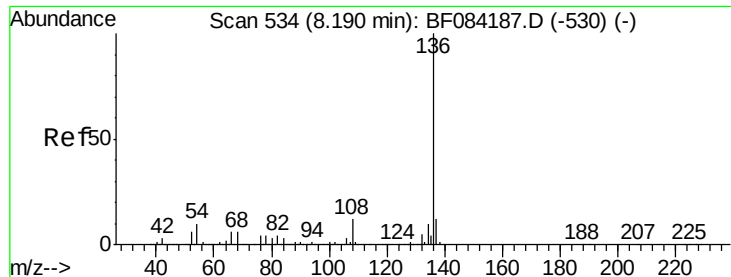
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion:136 Resp: 1555432

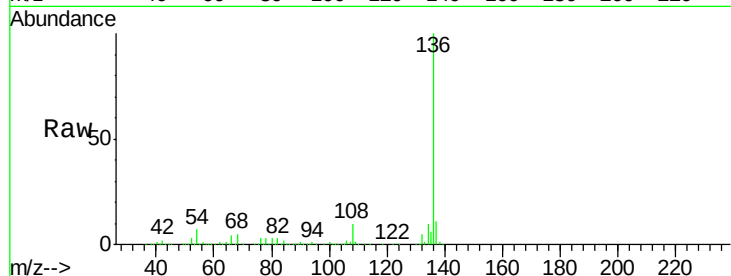
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.8 5.8 8.8

68 5.0 4.2 6.2

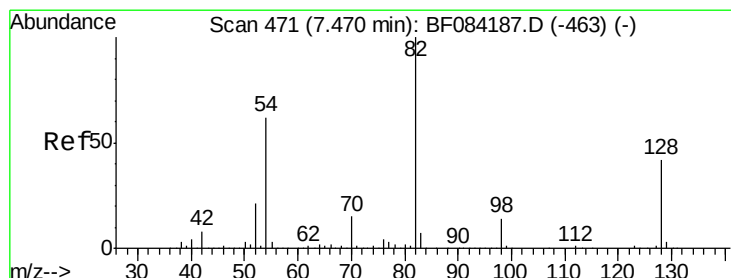
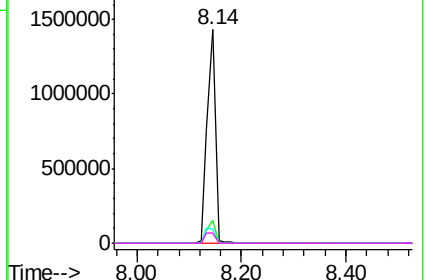
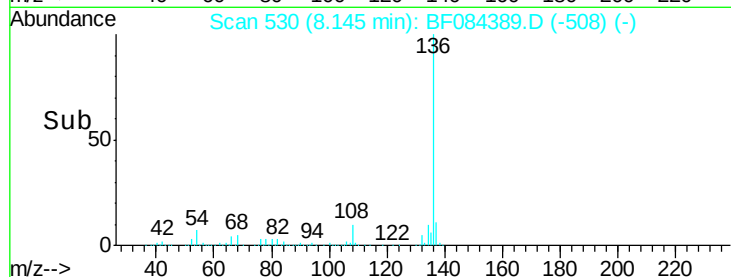


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.99 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

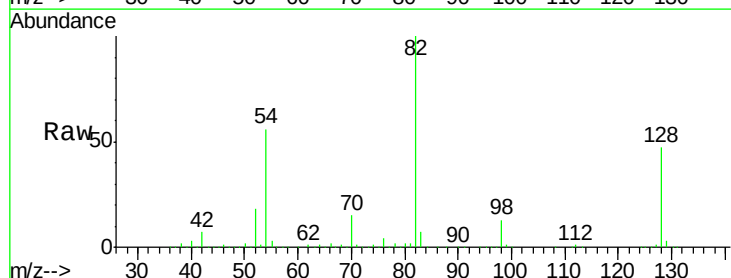
Tgt Ion: 82 Resp: 2514956

Ion Ratio Lower Upper

82 100

128 47.4 34.6 51.8

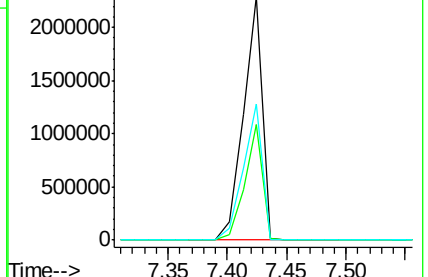
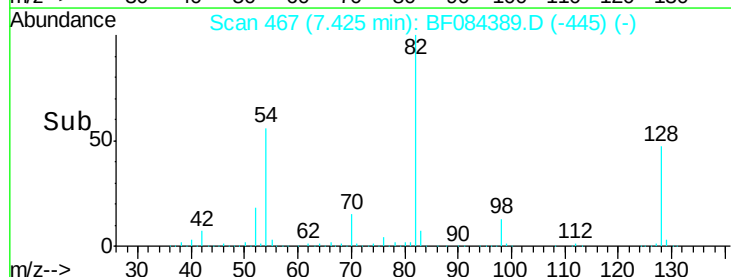
54 55.9 38.4 57.6

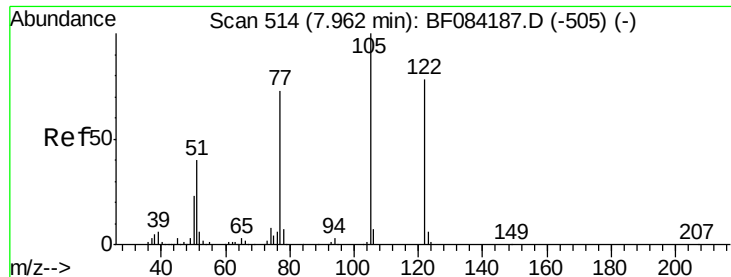


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 6.26 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.18 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-12

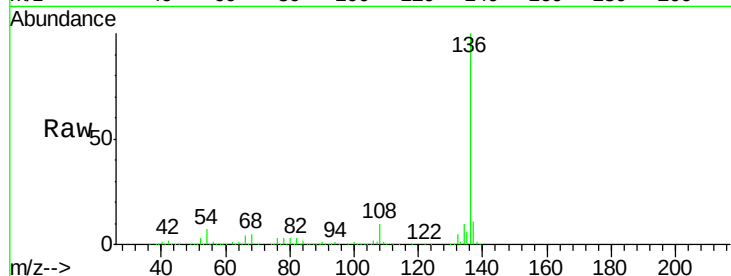
Tgt Ion:122 Resp: 283

Ion Ratio Lower Upper

122 100

105 358.8 100.3 140.3#

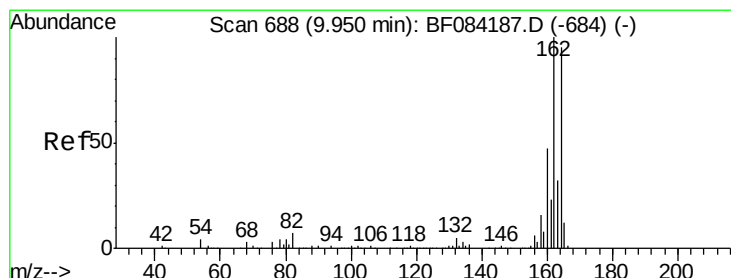
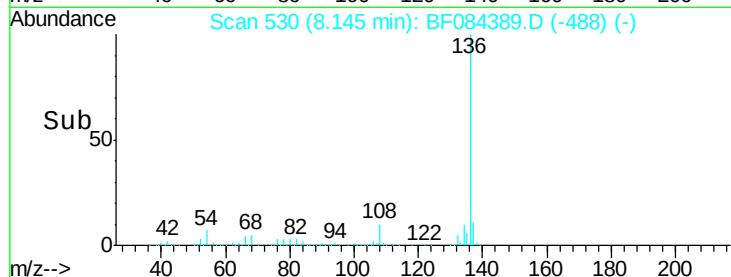
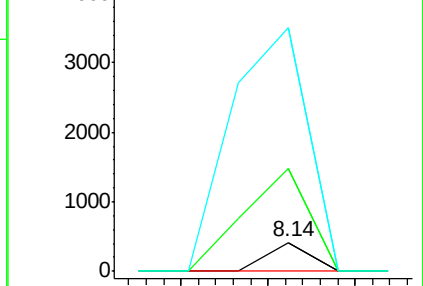
77 848.2 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF084389.D

Acq: 11 Jan 2016 19:40

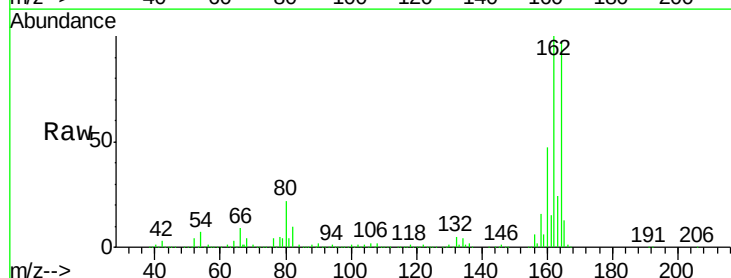
Tgt Ion:164 Resp: 699771

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

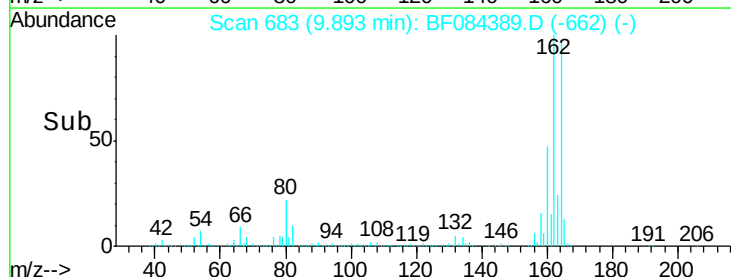
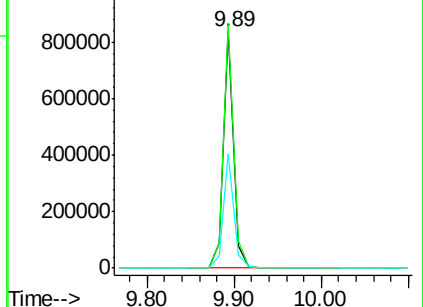
160 48.5 37.5 56.3

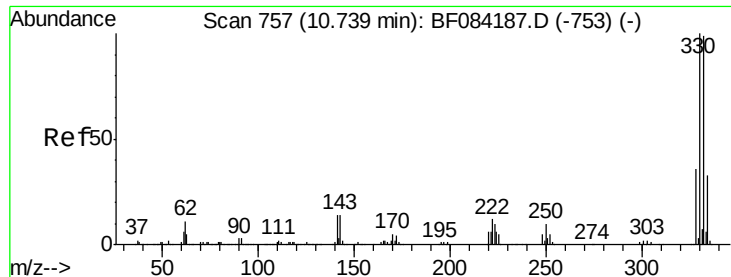


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

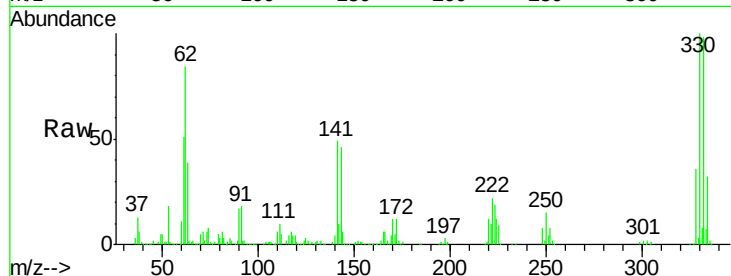




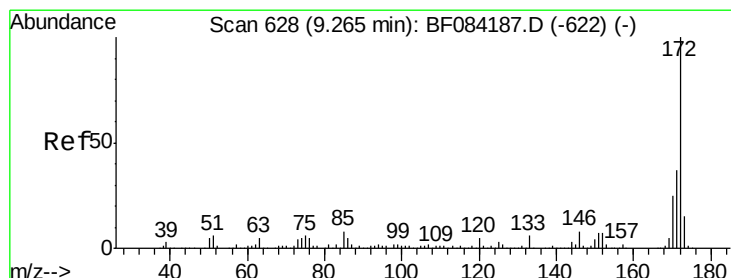
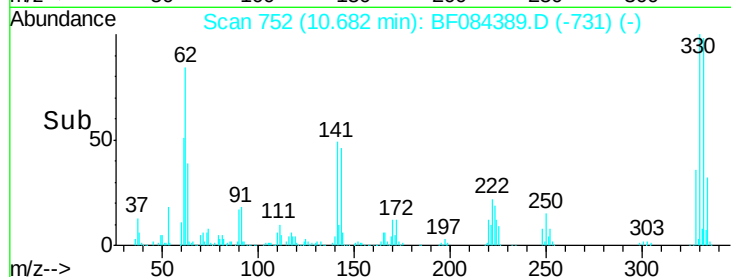
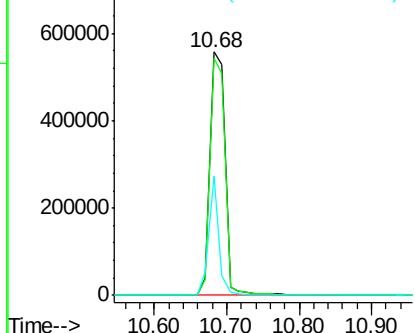
#41
 2,4,6-Tribromophenol
 Concen: 114.96 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:330 Resp: 812134
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 33.1 27.8 41.6

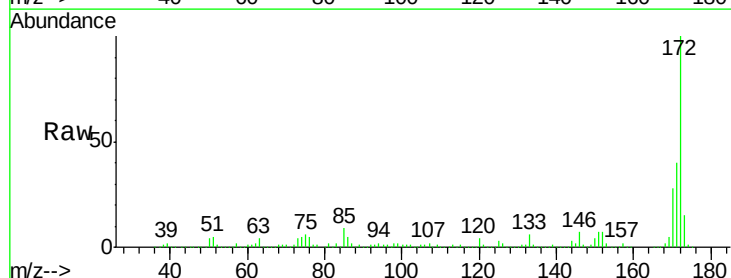


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

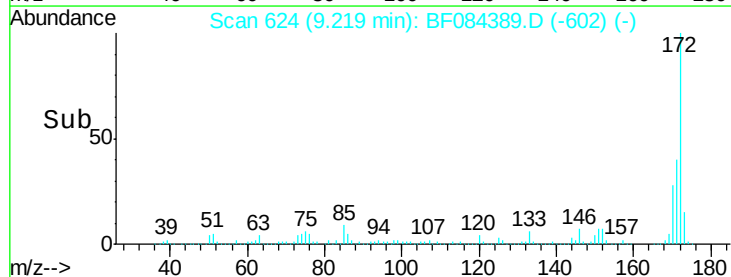
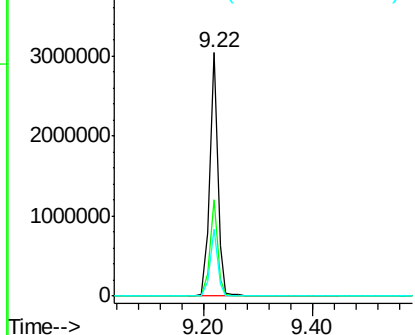


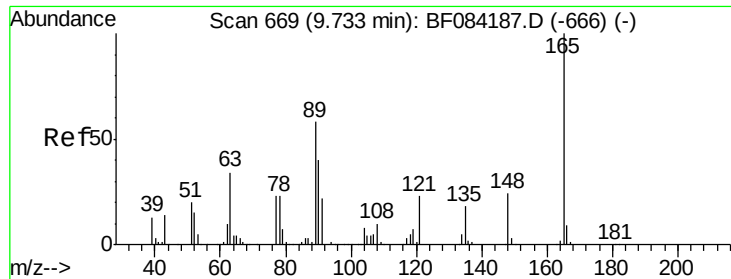
#44
 2-Fluorobiphenyl
 Concen: 79.25 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Tgt Ion:172 Resp: 3169651
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.9 43.3
 170 27.6 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

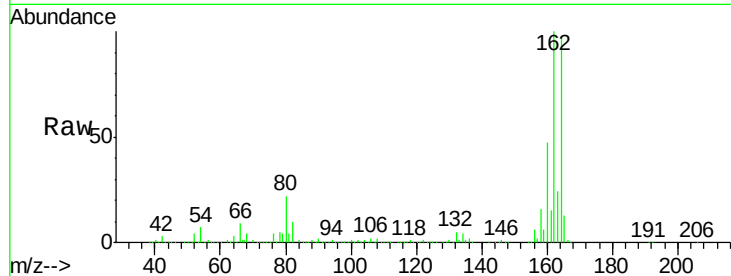




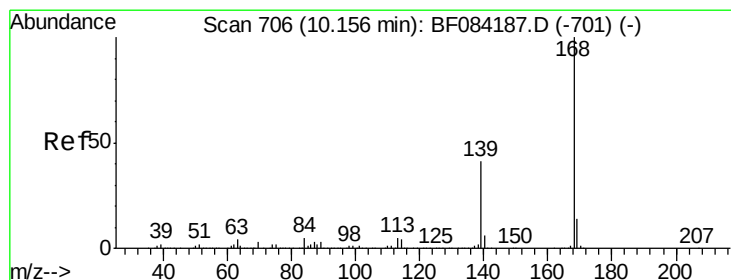
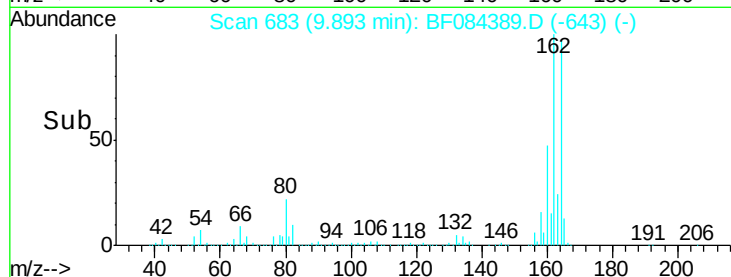
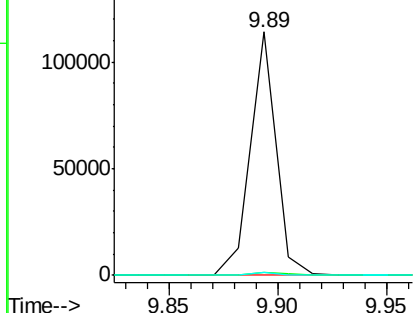
#50
 2,6-Dinitrotoluene
 Concen: 8.56 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.4	35.1	52.7#

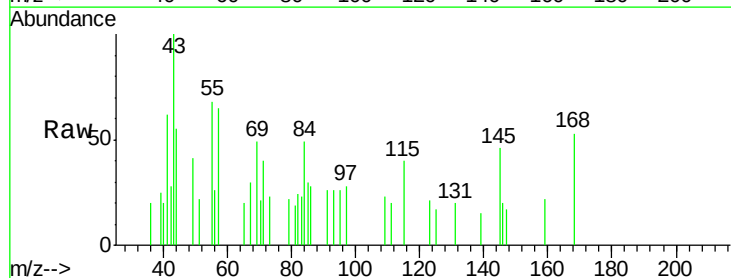


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

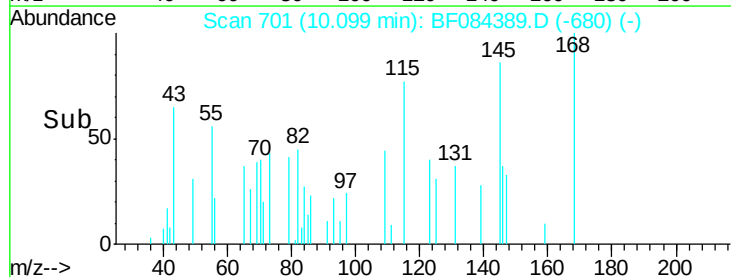
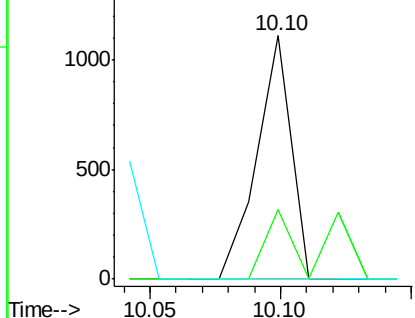


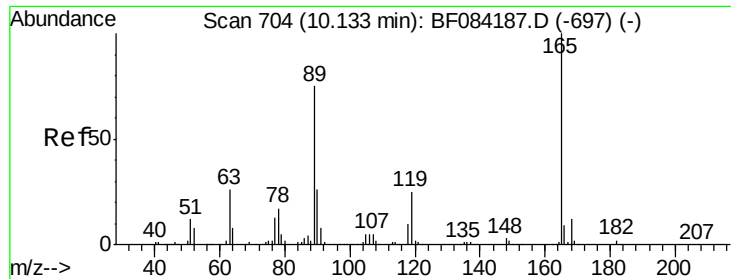
#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.10 min Scan# 701
 Delta R.T. -0.06 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	28.4	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

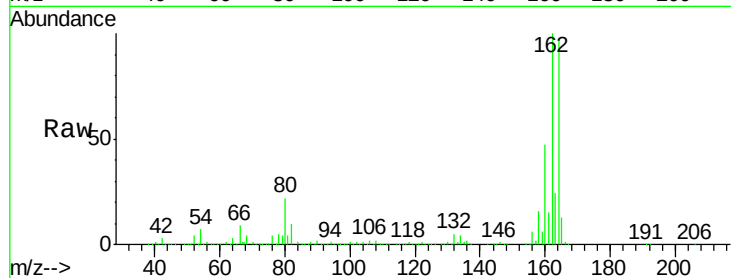




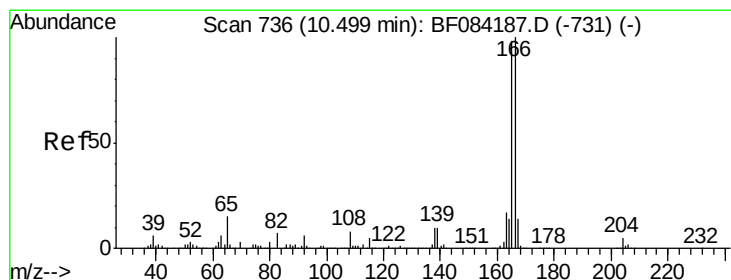
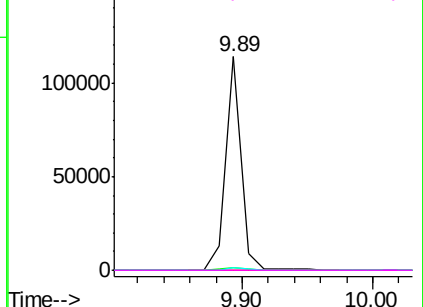
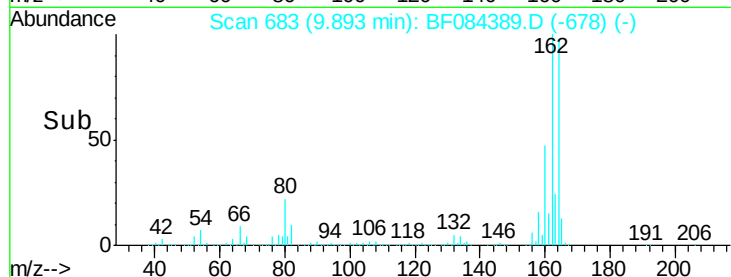
#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:165 Resp: 94441
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.7 55.1#
 89 1.4 61.9 92.9#
 182 0.0 2.0 3.0#

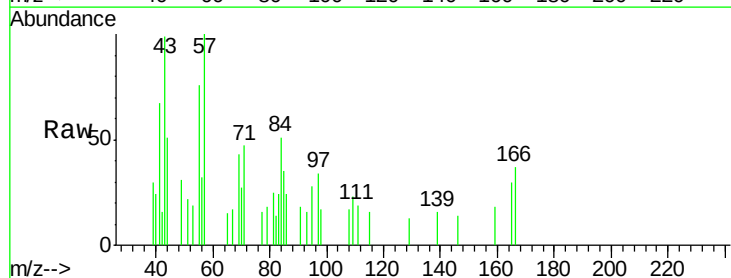


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

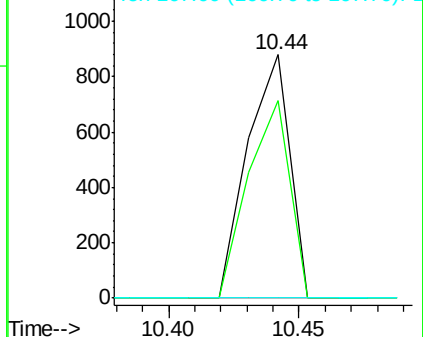
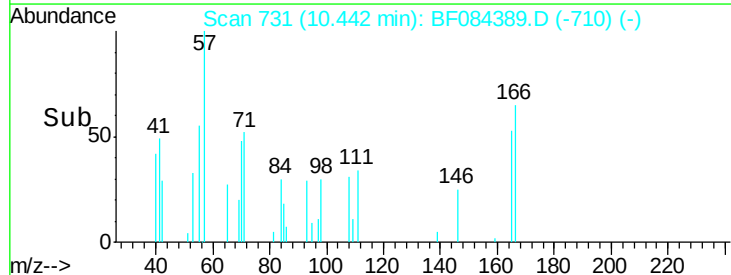


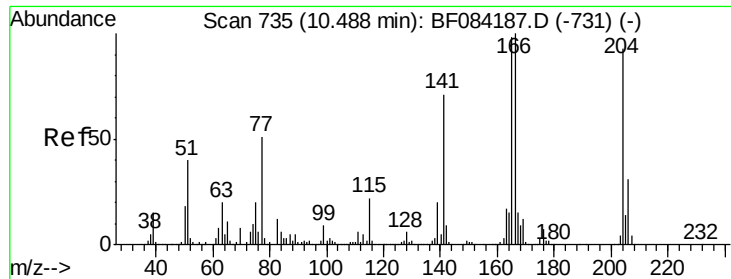
#57
 Fluorene
 Concen: Below Cal
 RT: 10.44 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Tgt Ion:166 Resp: 1001
 Ion Ratio Lower Upper
 166 100
 165 81.2 79.1 118.7
 167 0.0 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

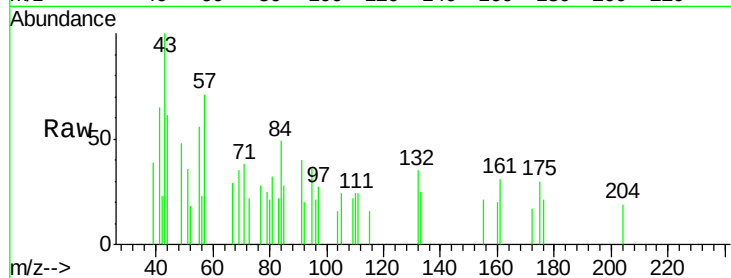




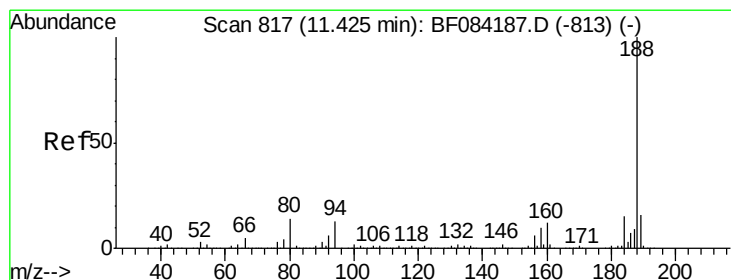
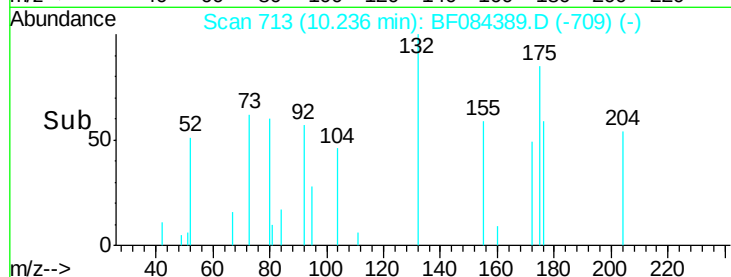
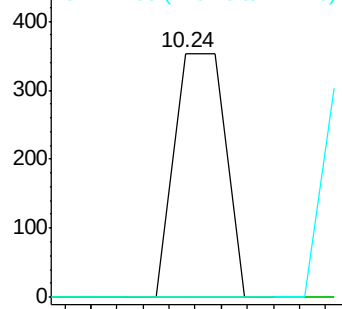
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.24 min Scan# 713
Delta R.T. -0.25 min
Lab File: BF084389.D
Acq: 11 Jan 2016 19:40

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 204 Resp: 484
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 0.0 55.1 82.7#

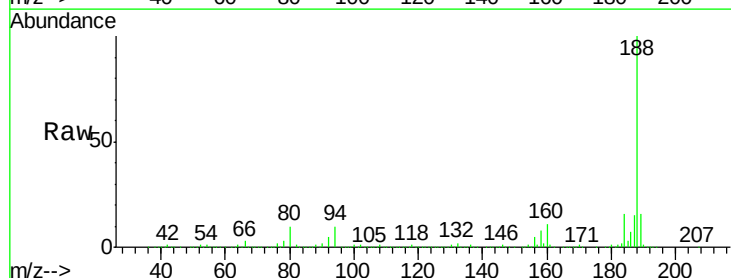


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

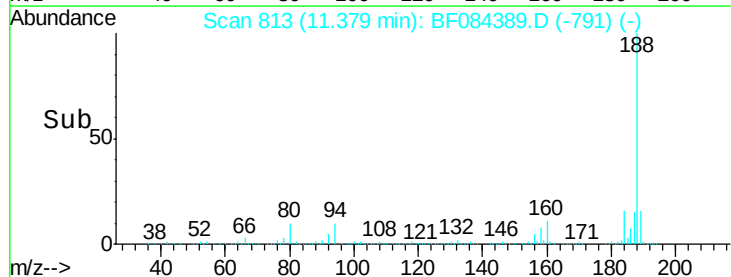
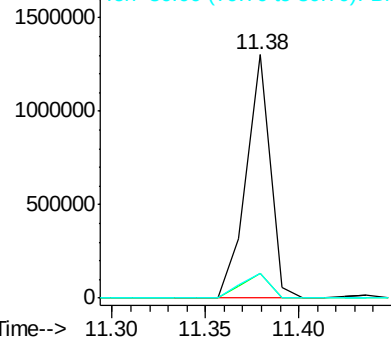


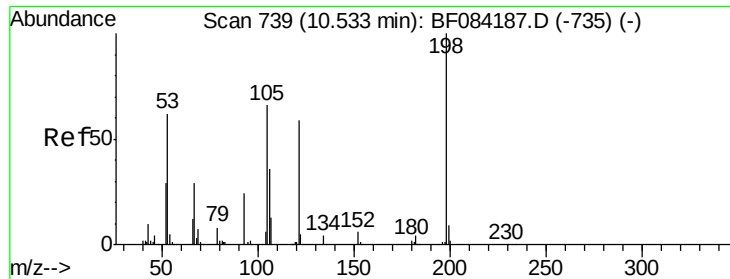
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084389.D
Acq: 11 Jan 2016 19:40

Tgt Ion: 188 Resp: 1154520
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.4
80 10.1 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

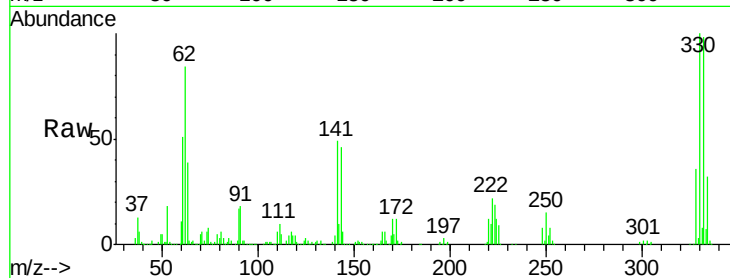




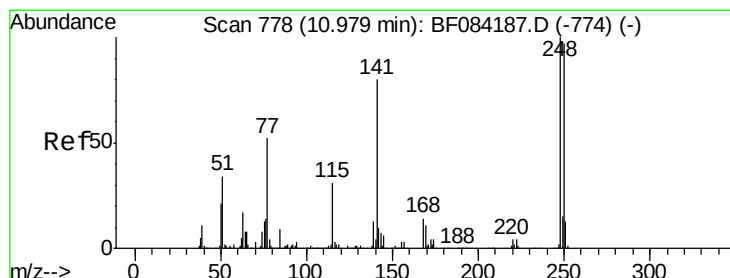
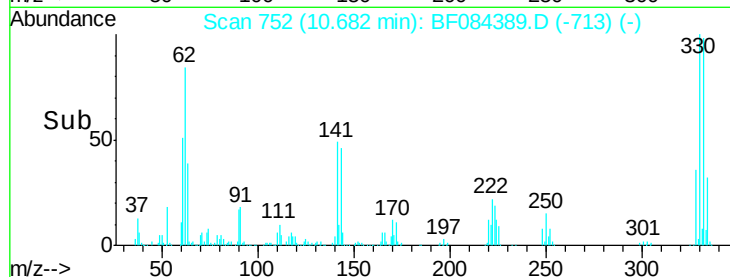
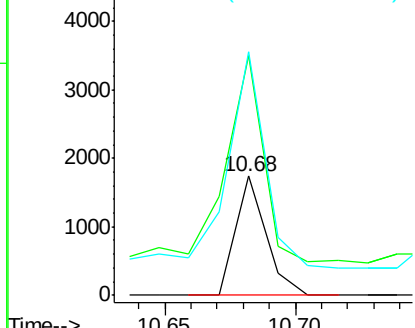
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.57 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Instrument :
 BNA_F
 ClientSampled :
 MW-12

Tgt Ion:198 Resp: 1413
 Ion Ratio Lower Upper
 198 100
 51 201.0 18.9 58.9#
 105 204.5 26.4 66.4#

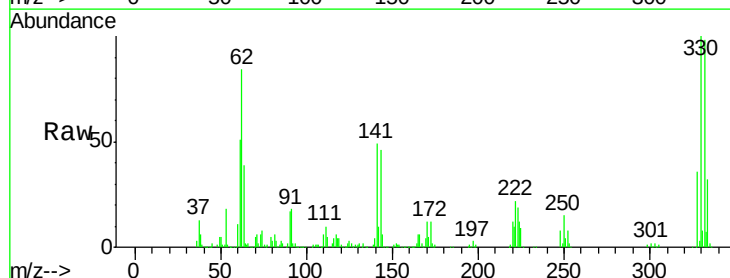


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

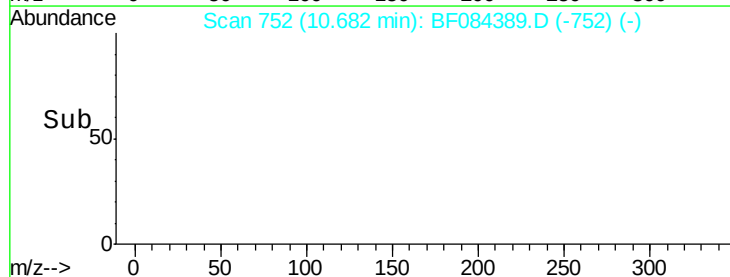
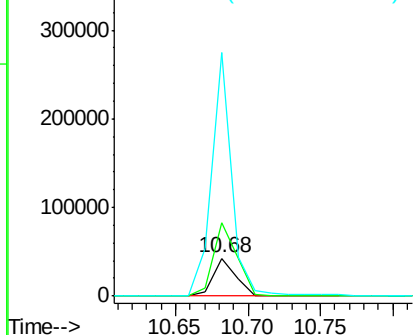


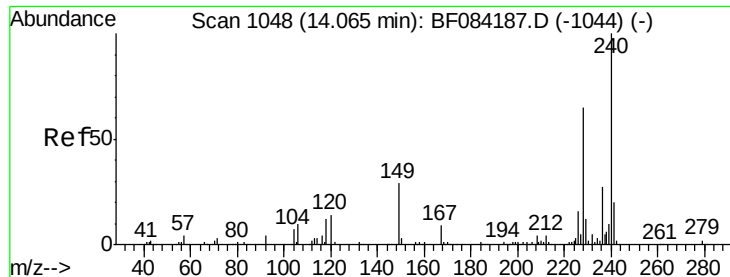
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.30 min
 Lab File: BF084389.D
 Acq: 11 Jan 2016 19:40

Tgt Ion:248 Resp: 48432
 Ion Ratio Lower Upper
 248 100
 250 193.5 78.4 117.6#
 141 641.2 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: BF084389.D

Acq: 11 Jan 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-12

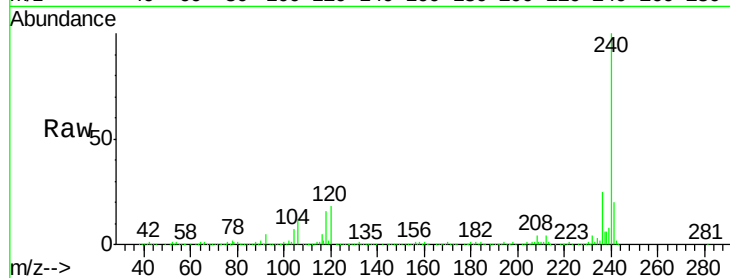
Tgt Ion:240 Resp: 722022

Ion Ratio Lower Upper

240 100

120 18.4 9.5 14.3#

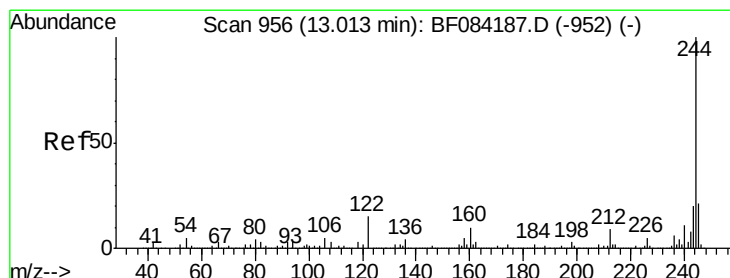
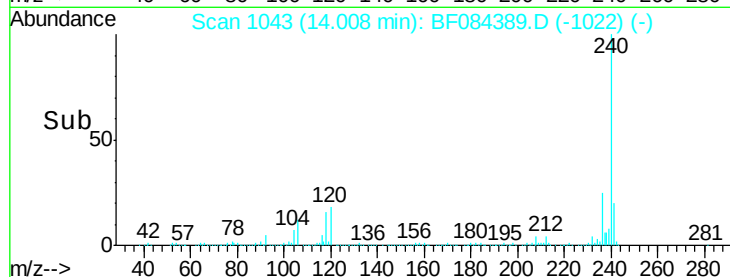
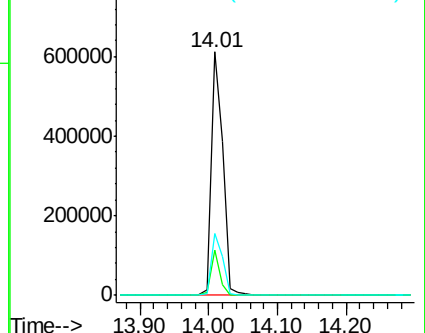
236 25.5 20.6 31.0



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: 79.96 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084389.D

Acq: 11 Jan 2016 19:40

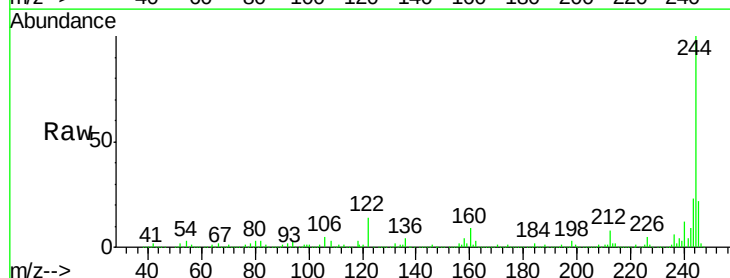
Tgt Ion:244 Resp: 2586481

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

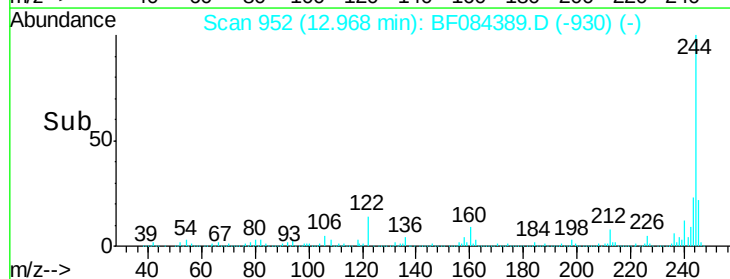
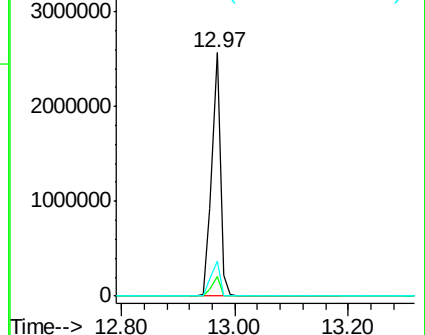
122 14.3 7.4 11.0#

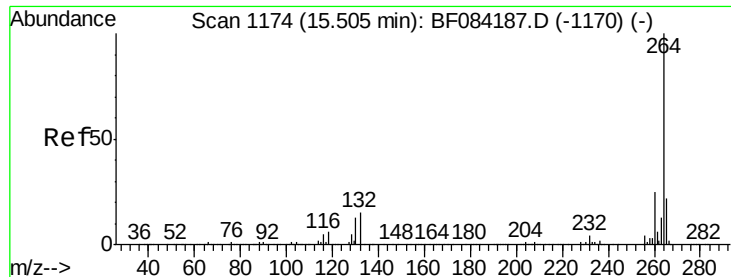


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

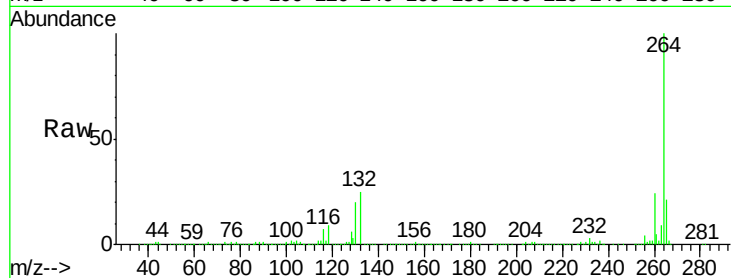




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084389.D
Acq: 11 Jan 2016 19:40

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 264 Resp: 634036
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.5 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

