

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080249.D
 Acq On : 30 Jun 2015 21:26
 Operator : TP/IZ
 Sample : G2837-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jul 01 01:21:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

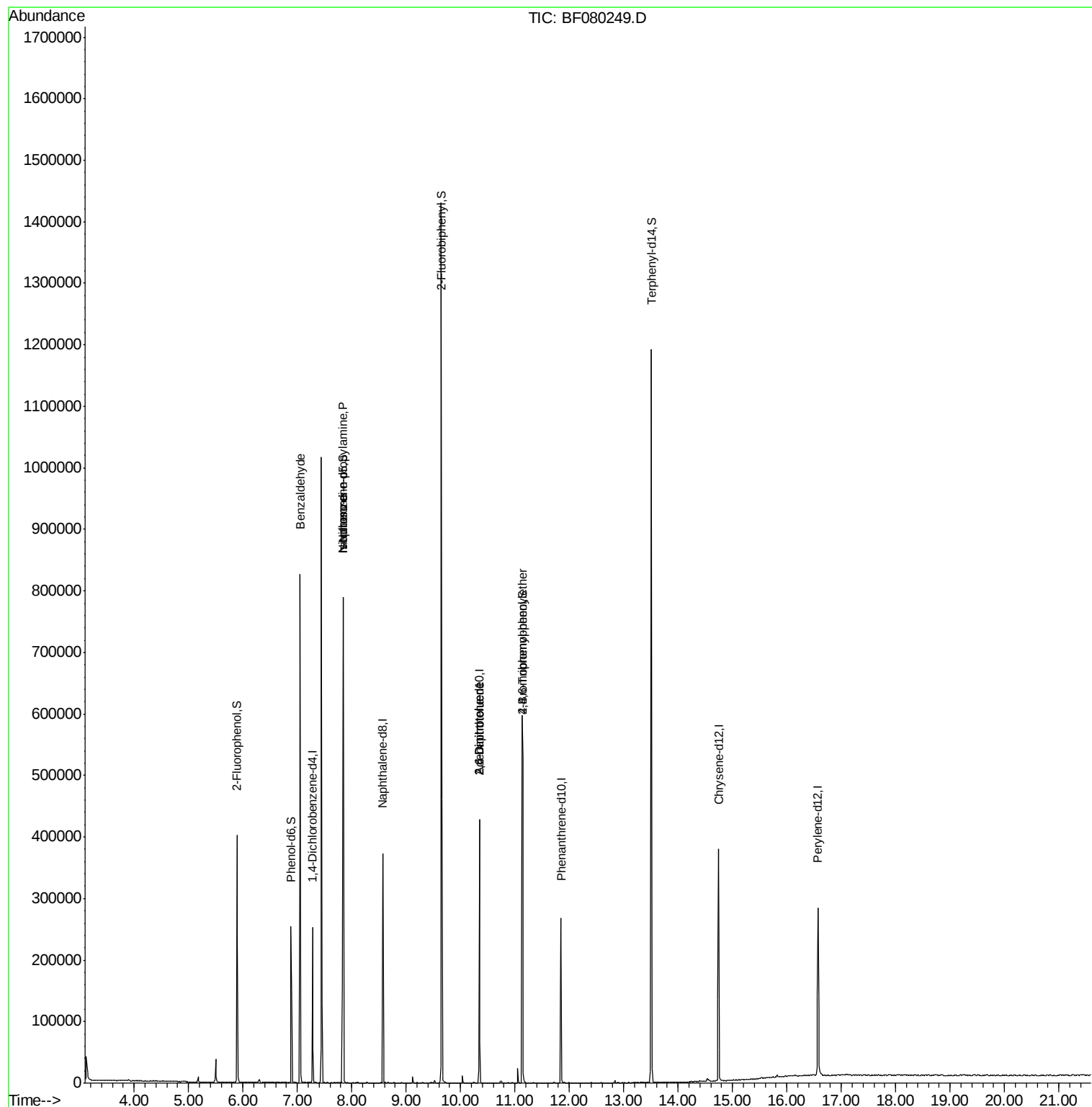
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	36085	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	149679	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	78850	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	152312	20.00	ng	-0.06
75) Chrysene-d12	14.75	240	155319	20.00	ng	-0.25
86) Perylene-d12	16.57	264	150220	20.00	ng	-0.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	131201	64.36	ng	-0.05
7) Phenol-d6	6.88	99	104026	38.35	ng	-0.05
23) Nitrobenzene-d5	7.84	82	232243	90.33	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	98101	127.23	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	463666	83.86	ng	-0.05
78) Terphenyl-d14	13.51	244	562723	84.61	ng	-0.16
Target Compounds						
9) Benzaldehyde	7.05	77	5286	3.38	ng	# 65
19) n-Nitroso-di-n-propylamine	7.84	70	28915	15.35	ng	# 57
25) Isophorone	7.84	82	232234	44.88	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	10057	8.46	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	10058	6.67	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6779	4.19	ng	# 1

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

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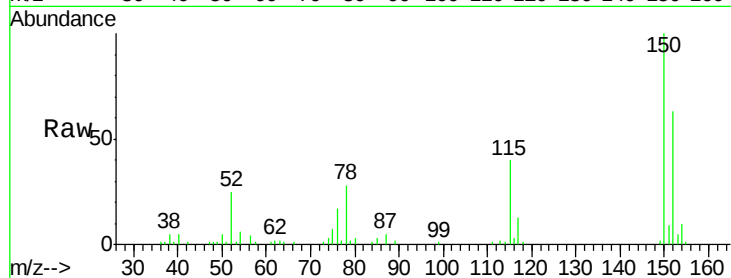


#1

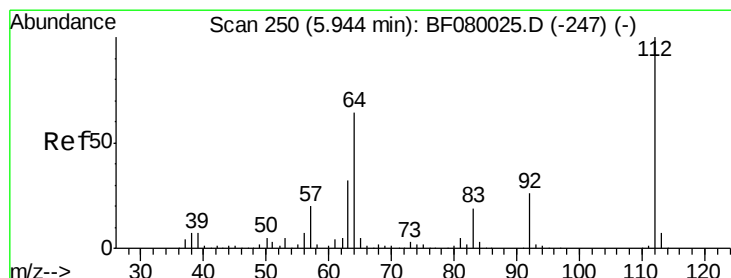
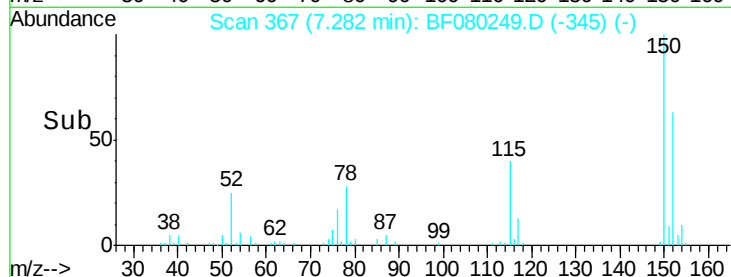
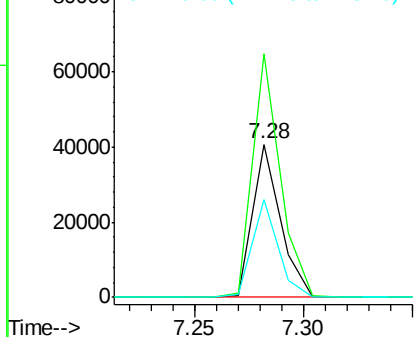
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 36085
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 63.5 39.0 58.4#



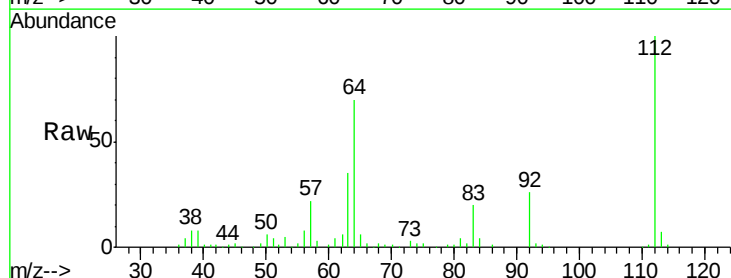
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



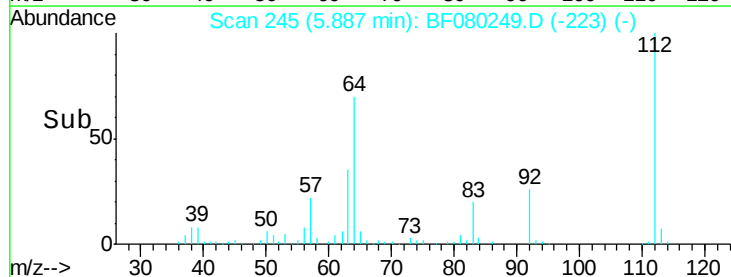
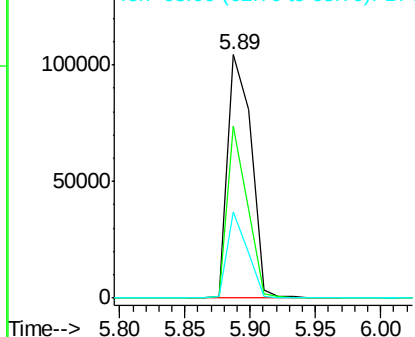
#5

2-Fluorophenol
Concen: 64.36 ng
RT: 5.89 min Scan# 245
Delta R.T. -0.05 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion:112 Resp: 131201
Ion Ratio Lower Upper
112 100
64 70.4 39.7 59.5#
63 35.5 17.4 26.0#



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: 38.35 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

Instrument :

BNA_F

ClientSampleId :

MW-4

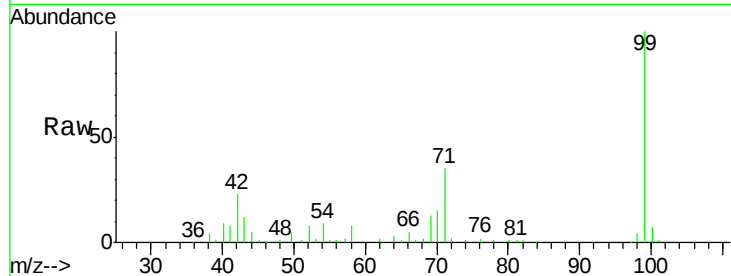
Tgt Ion: 99 Resp: 104026

Ion Ratio Lower Upper

99 100

42 22.7 13.7 20.5#

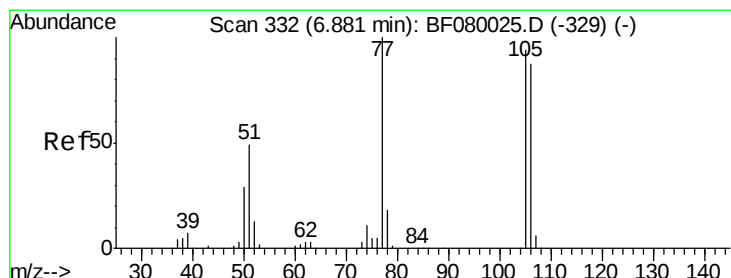
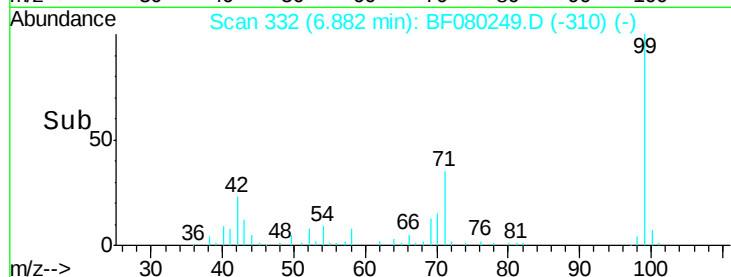
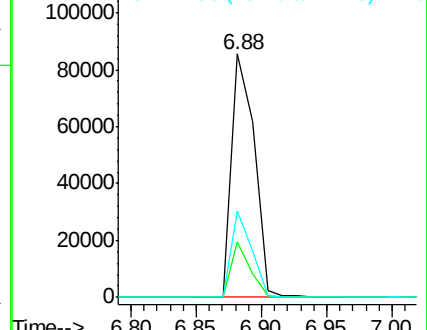
71 35.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.38 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.18 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

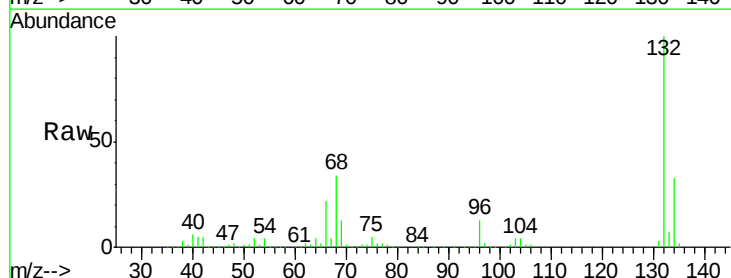
Tgt Ion: 77 Resp: 5286

Ion Ratio Lower Upper

77 100

105 82.9 91.6 131.6#

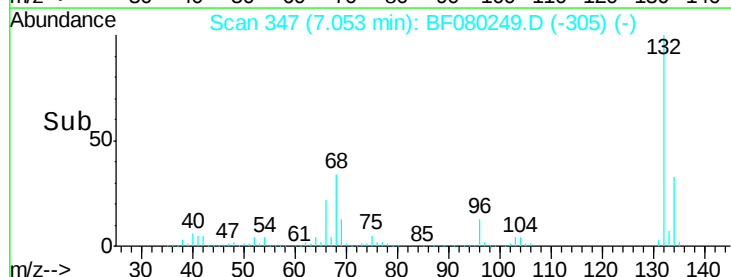
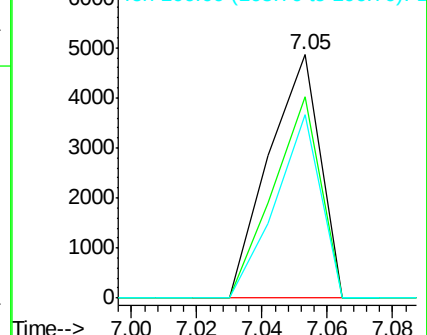
106 75.2 102.6 142.6#

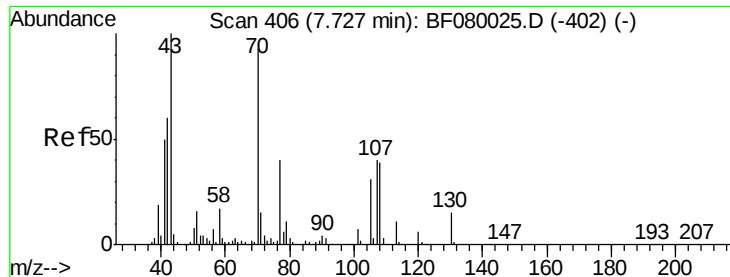


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

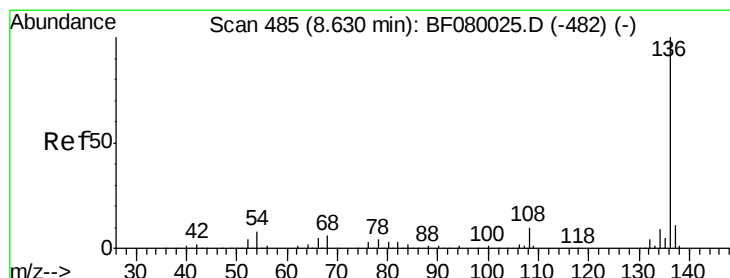
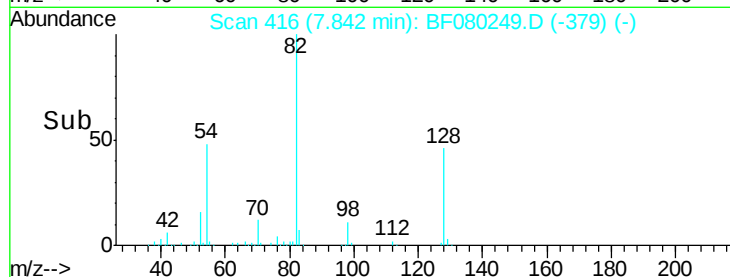
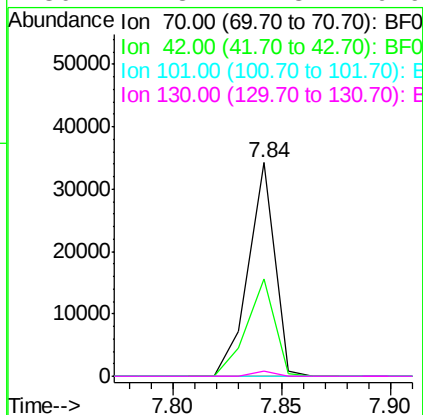
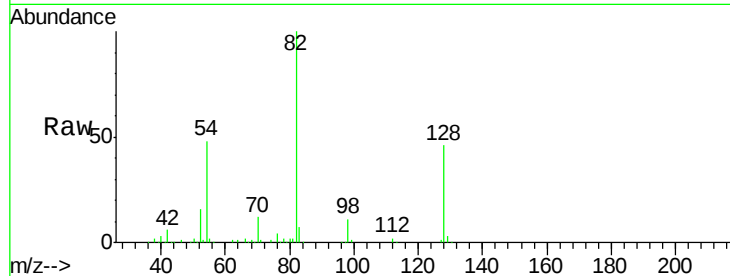




#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 7.84 min Scan# 416
Delta R.T. 0.13 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

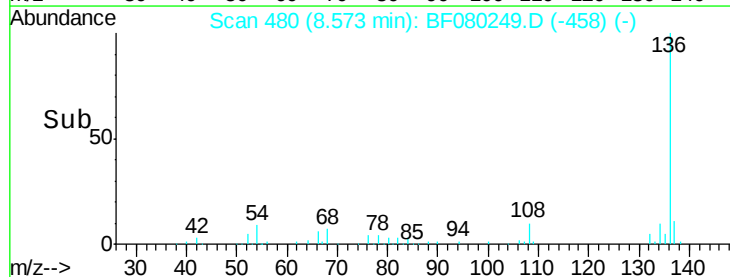
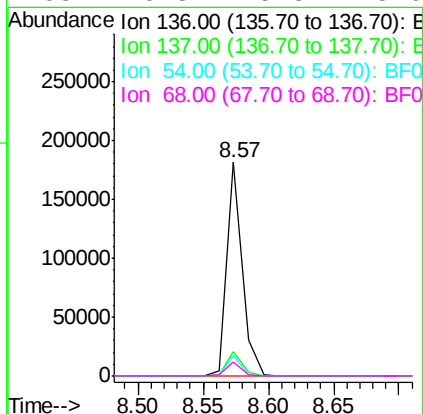
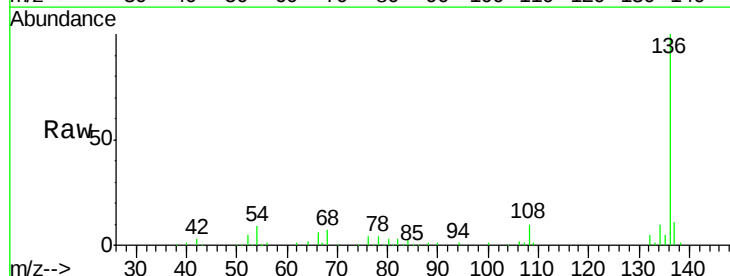
Instrument :
BNA_F
ClientSampled :
MW-4

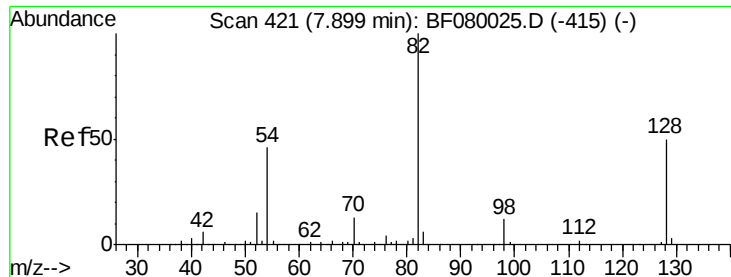
Tgt Ion: 70 Resp: 28915
Ion Ratio Lower Upper
70 100
42 45.3 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion: 136 Resp: 149679
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.4 8.2 12.2
68 6.8 5.8 8.6

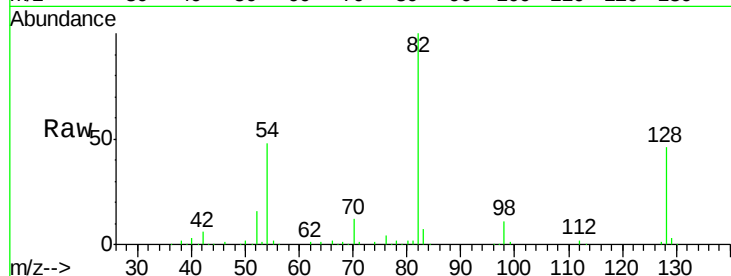




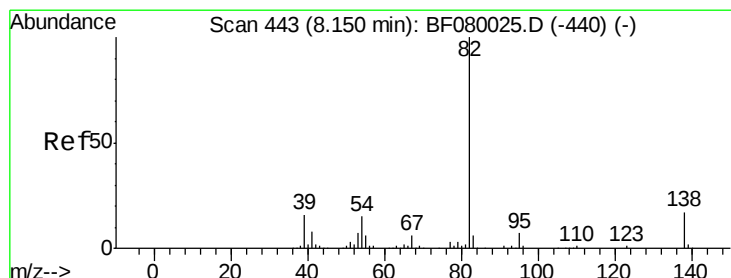
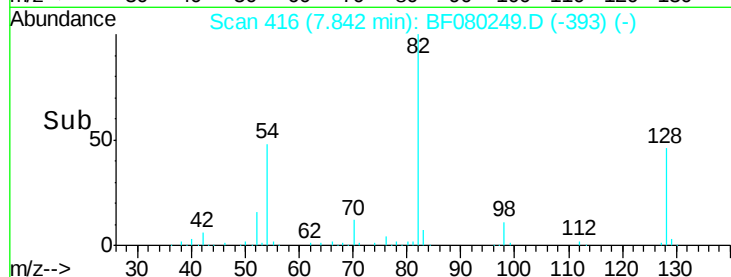
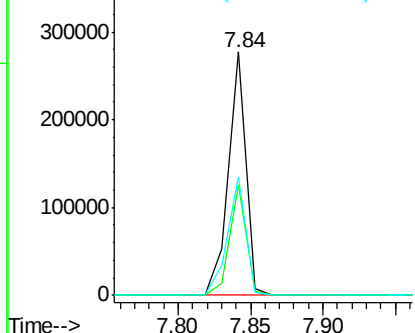
#23
Nitrobenzene-d5
Concen: 90.33 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Instrument :
BNA_F
ClientSampled :
MW-4

Tgt Ion: 82 Resp: 232243
Ion Ratio Lower Upper
82 100
128 45.6 51.0 76.6#
54 48.4 47.5 71.3

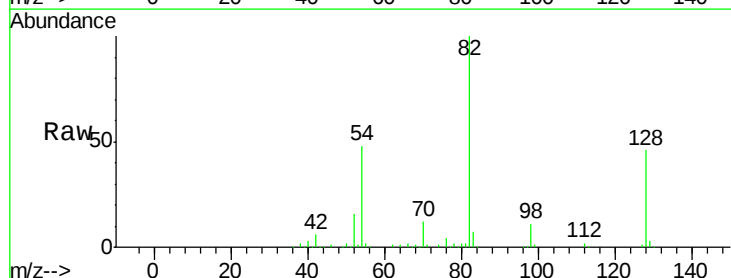


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

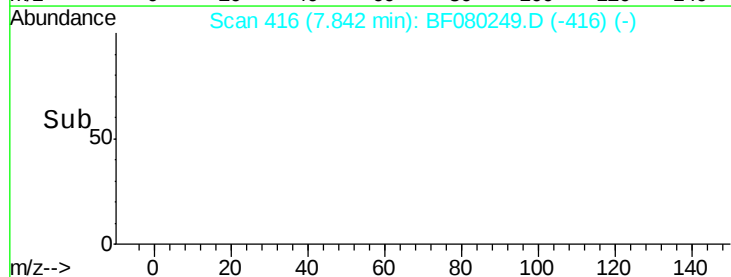
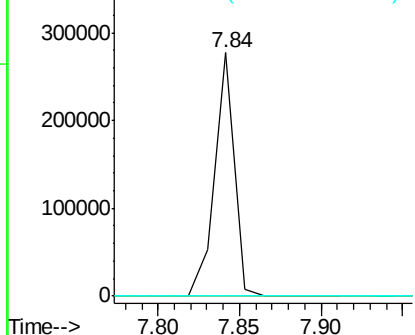


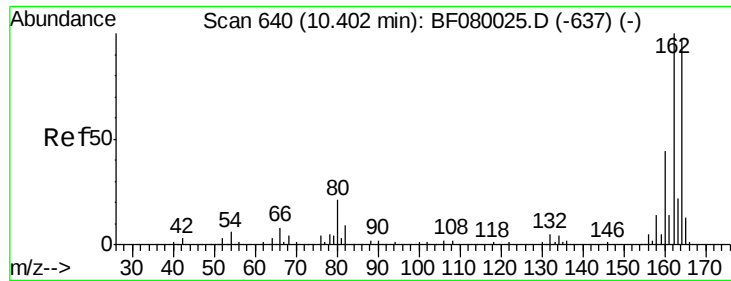
#25
Isophorone
Concen: 44.88 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.30 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion: 82 Resp: 232234
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



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

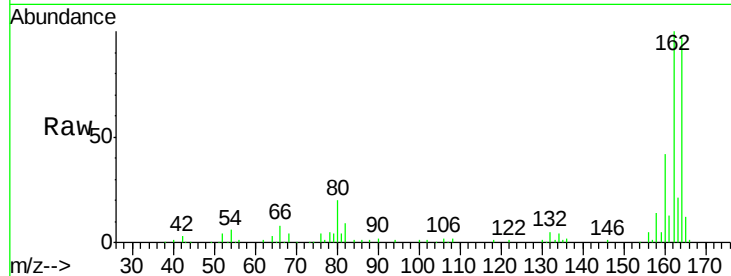




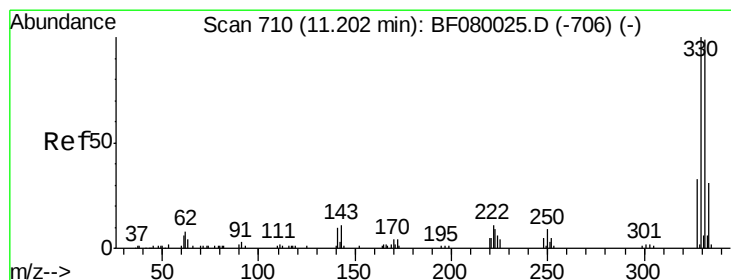
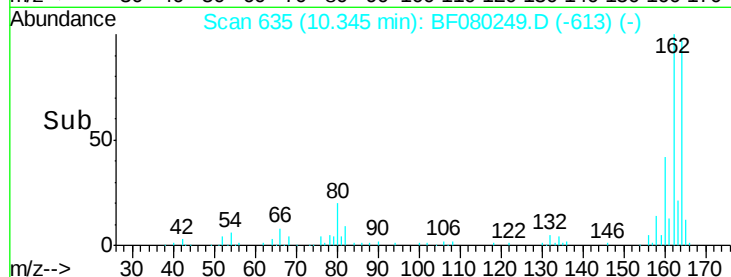
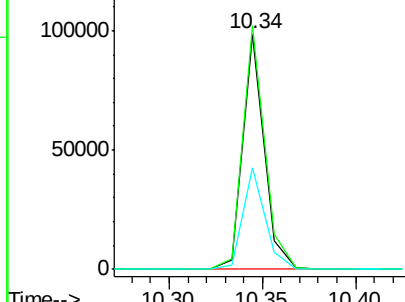
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:164 Resp: 78850
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 43.1 31.5 47.3

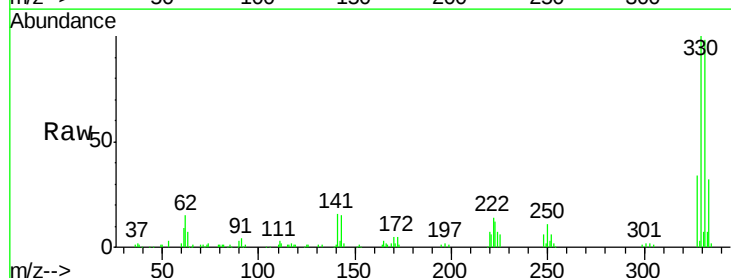


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

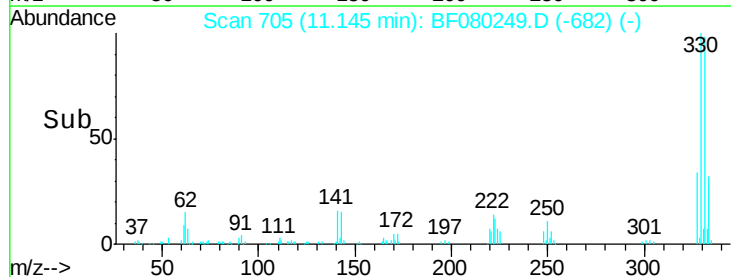
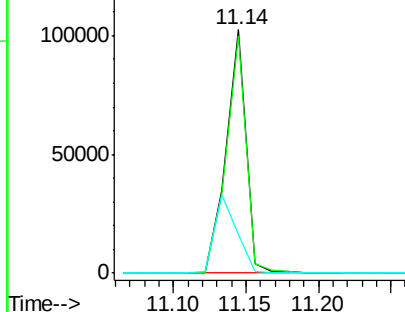


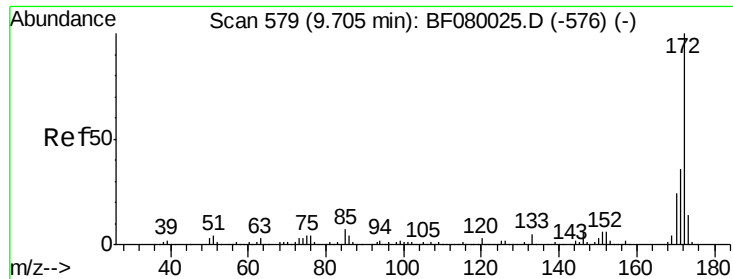
#41
 2,4,6-Tribromophenol
 Concen: 127.23 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Tgt Ion:330 Resp: 98101
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 35.6 29.7 44.5



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

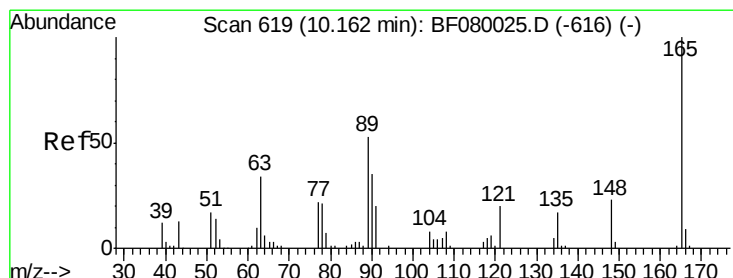
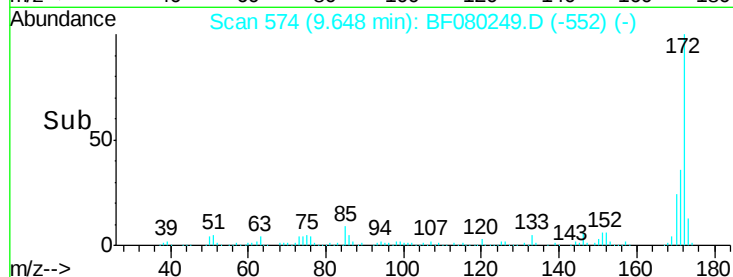
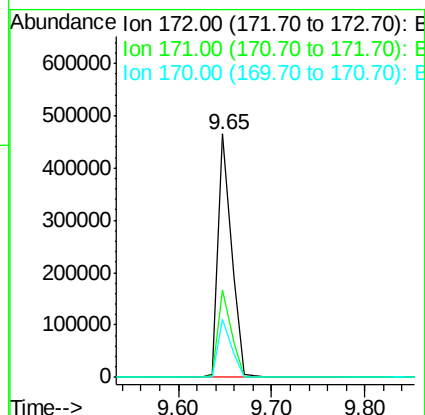
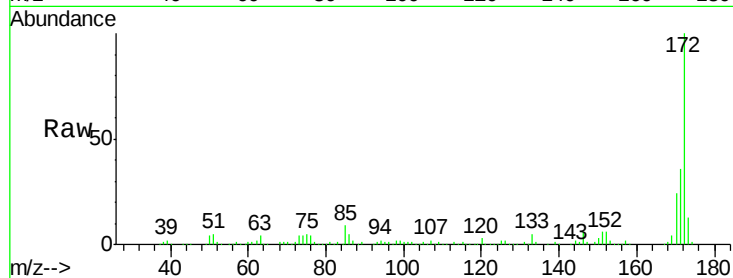




#44
 2-Fluorobiphenyl
 Concen: 83.86 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

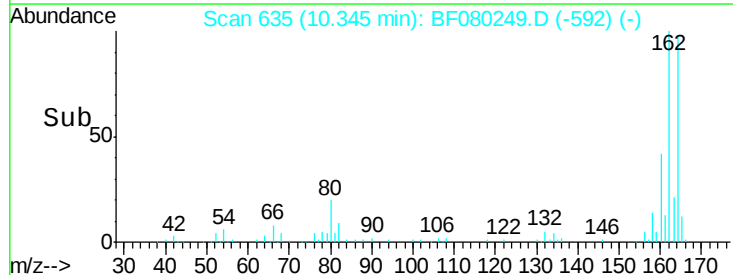
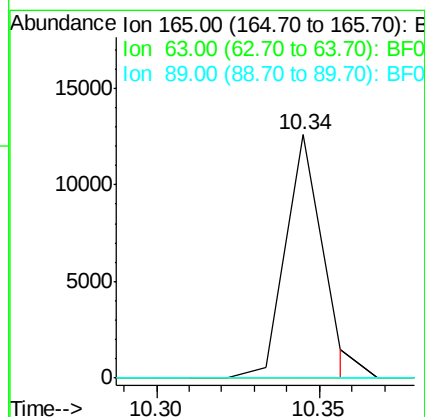
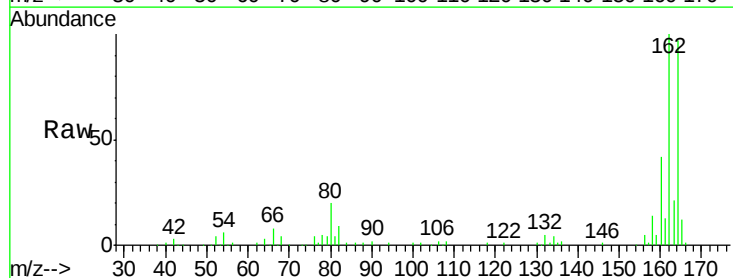
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 ClientSampleId :
 MW-4

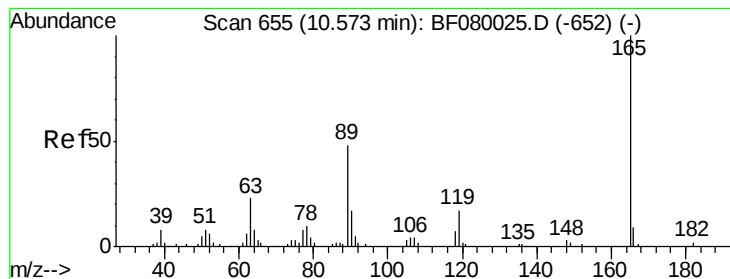
Tgt Ion:172 Resp: 463666
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.7 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Tgt Ion:165 Resp: 10057
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#





#56

2,4-Dinitrotoluene

Concen: 6.67 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.21 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

Instrument :

BNA_F

ClientSampleId :

MW-4

Tgt Ion:165 Resp: 10058

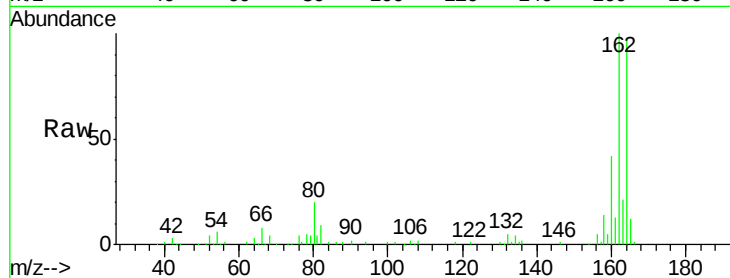
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

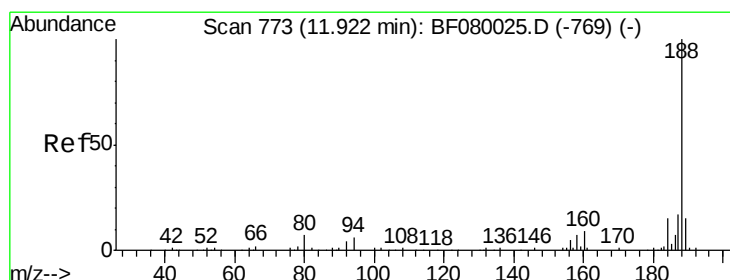
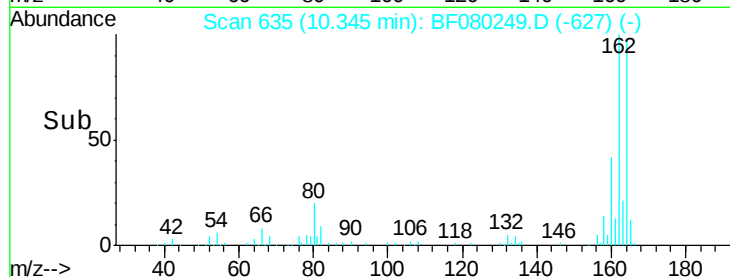
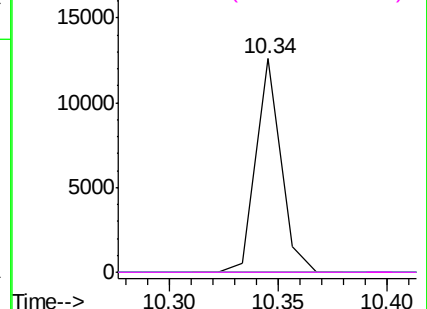


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.85 min Scan# 767

Delta R.T. -0.06 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

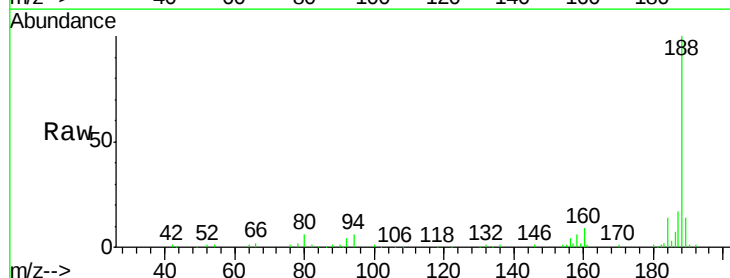
Tgt Ion:188 Resp: 152312

Ion Ratio Lower Upper

188 100

94 6.0 11.1 16.7#

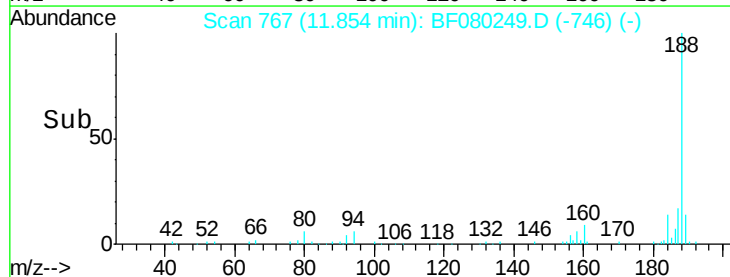
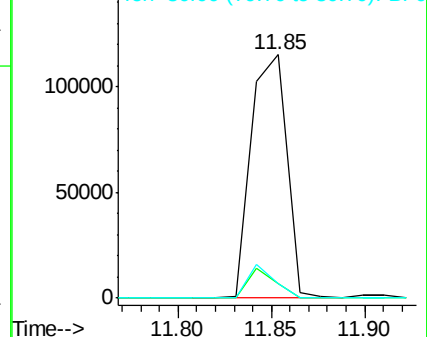
80 6.1 11.0 16.4#

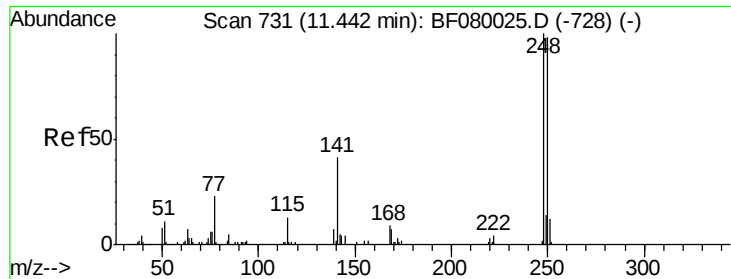


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

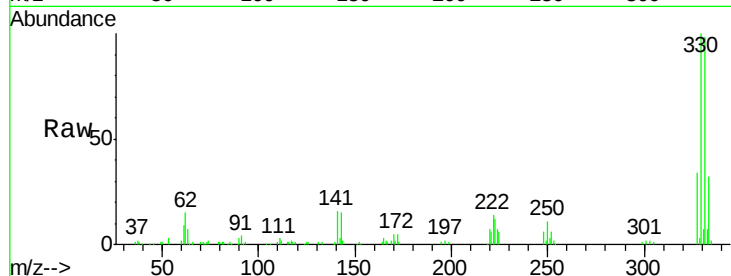




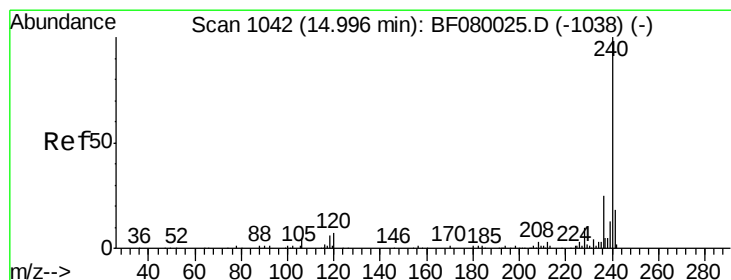
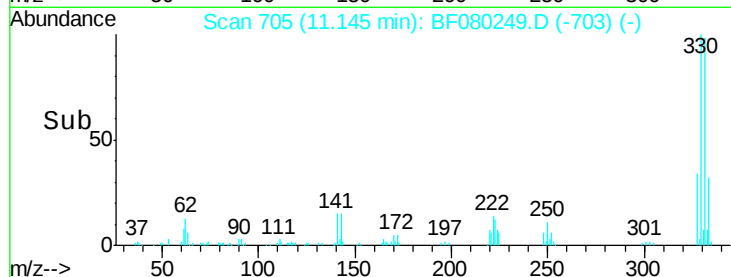
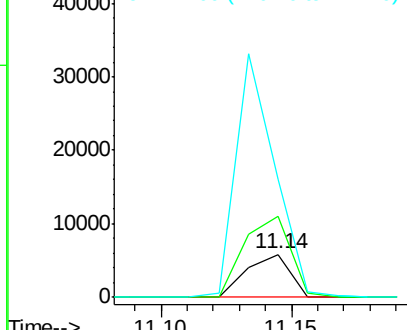
#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:248 Resp: 6779
Ion Ratio Lower Upper
248 100
250 189.7 78.5 117.7#
141 276.8 59.0 88.6#

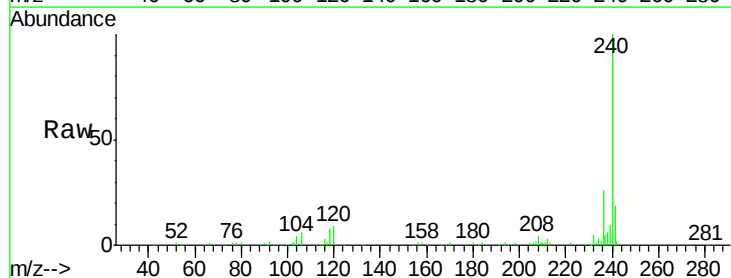


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

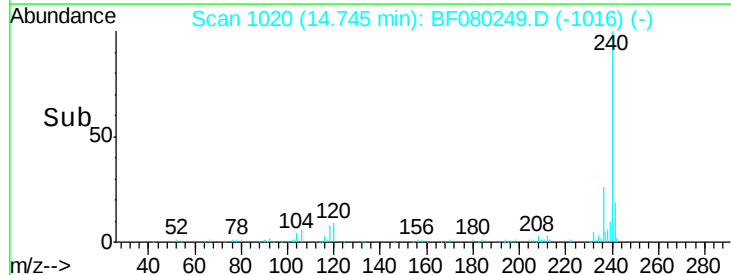
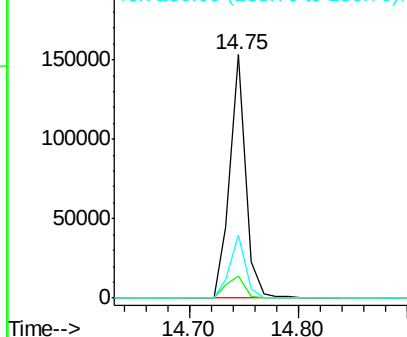


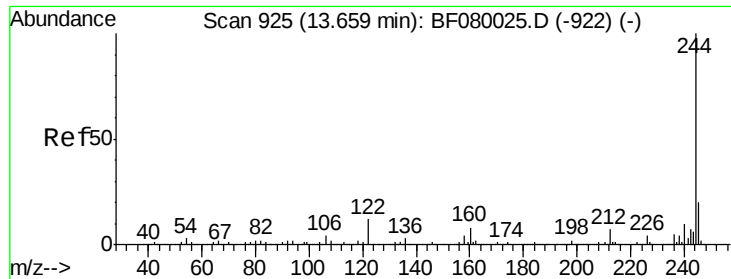
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1020
Delta R.T. -0.25 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion:240 Resp: 155319
Ion Ratio Lower Upper
240 100
120 9.0 16.2 24.2#
236 25.8 18.4 27.6



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

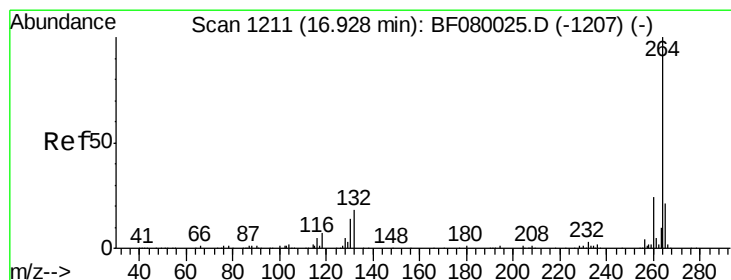
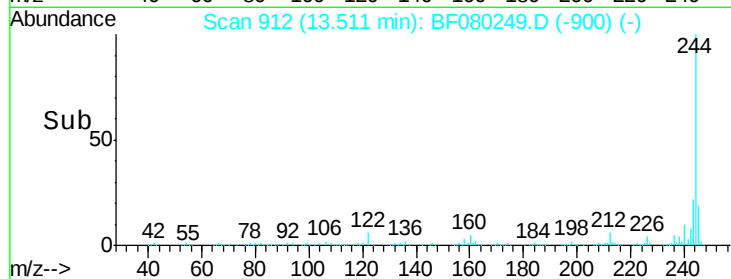
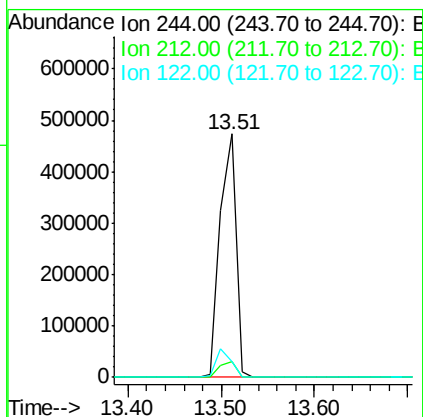
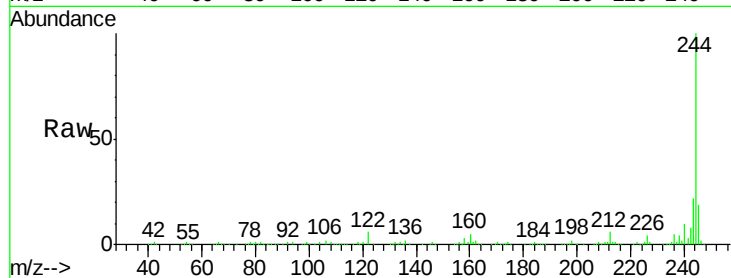




#78
 Terphenyl-d14
 Concen: 84.61 ng
 RT: 13.51 min Scan# 912
 Delta R.T. -0.16 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion: 244 Resp: 562723
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.3 6.5
 122 6.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1180
 Delta R.T. -0.35 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Tgt Ion: 264 Resp: 150220
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.7 17.2 25.8

