

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080651.D
 Acq On : 25 Jul 2015 5:32
 Operator : TP/UM
 Sample : G3079-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-7-22-15

Quant Time: Jul 25 06:39:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

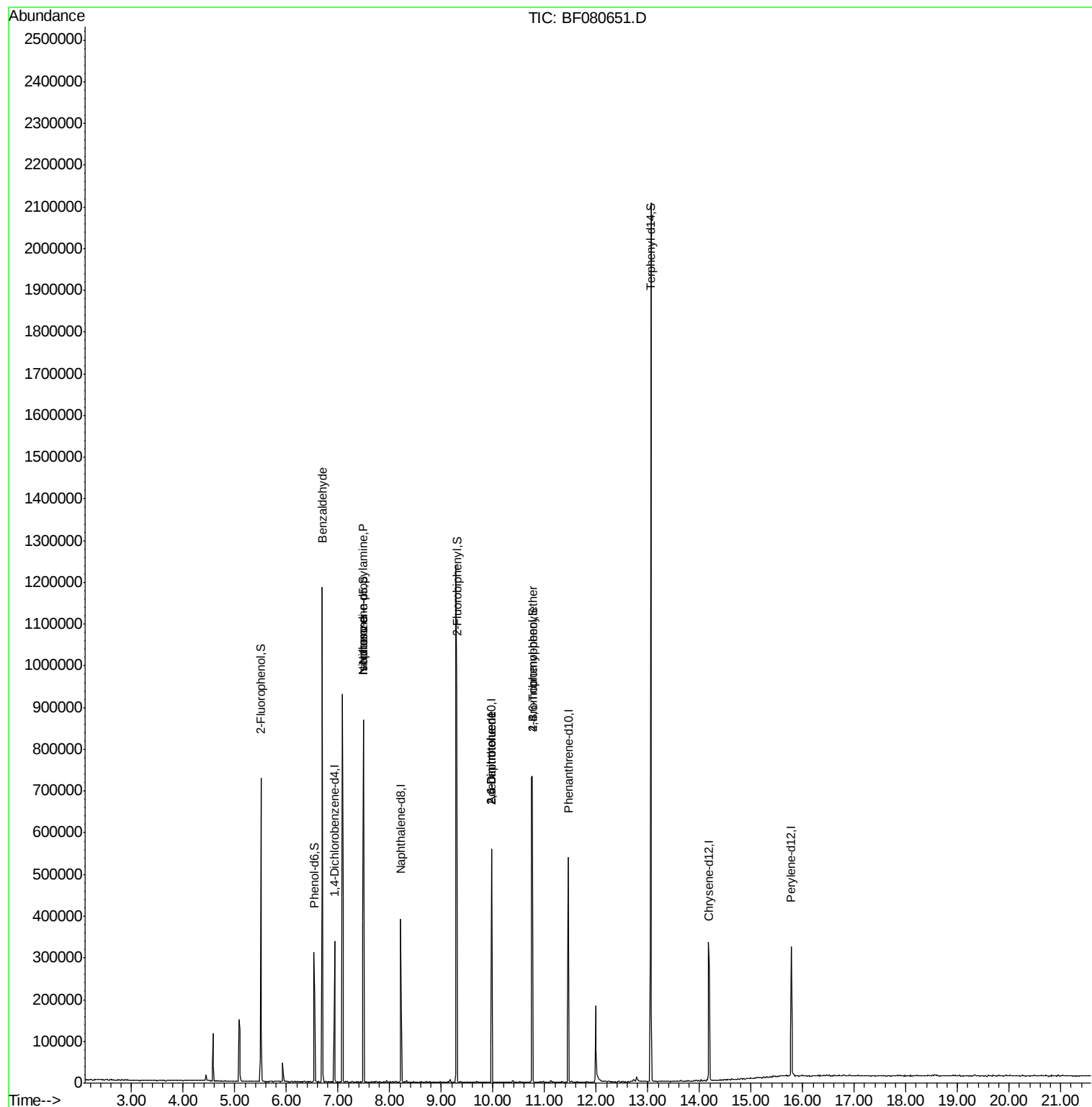
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52033	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	181679	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	101630	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	191884	20.00	ng	0.00
75) Chrysene-d12	14.19	240	167234	20.00	ng	0.03
86) Perylene-d12	15.78	264	139844	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	160820	52.04	ng	0.00
7) Phenol-d6	6.53	99	114676	31.07	ng	-0.01
23) Nitrobenzene-d5	7.49	82	282796	78.17	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	114394	125.28	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	508137	77.14	ng	0.00
78) Terphenyl-d14	13.06	244	596857	76.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	8901	3.69	ng	# 66
19) n-Nitroso-di-n-propylamine	7.49	70	37730	14.17	ng	# 63
25) Isophorone	7.49	82	282434	44.52	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	12453	9.60	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	12453	7.26	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	8220	4.55	ng	# 1

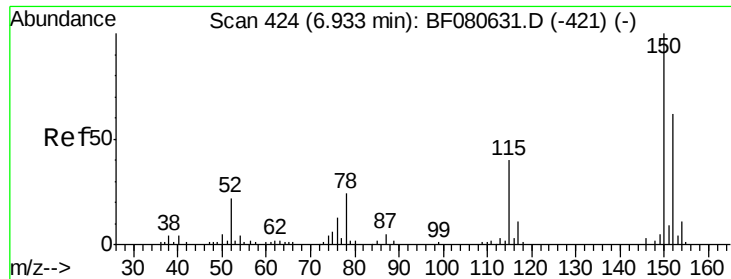
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080651.D

Acq: 25 Jul 2015 5:32

Instrument :

BNA_F

ClientSampleId :

MW-11-7-22-15

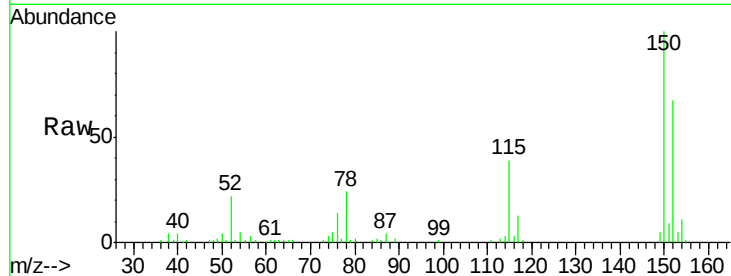
Tgt Ion:152 Resp: 52033

Ion Ratio Lower Upper

152 100

150 148.9 128.9 193.3

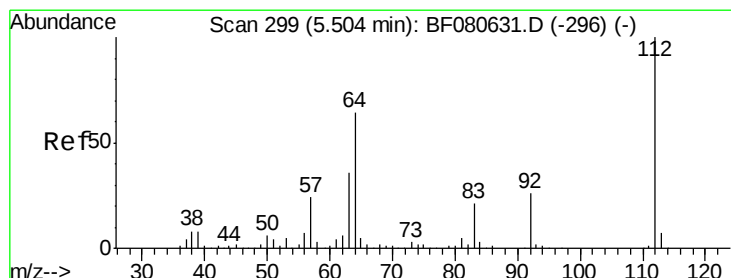
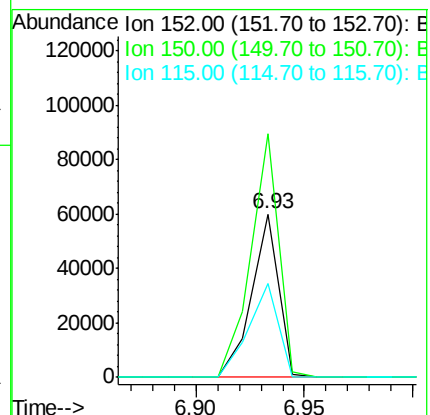
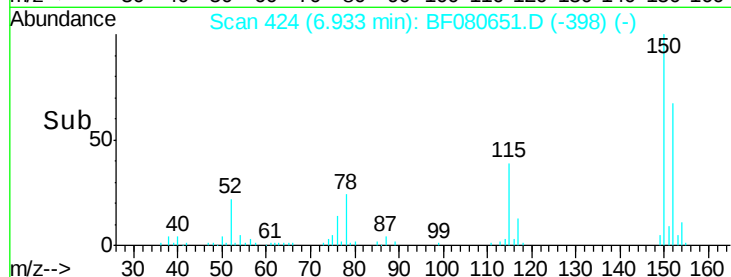
115 57.4 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 52.04 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080651.D

Acq: 25 Jul 2015 5:32

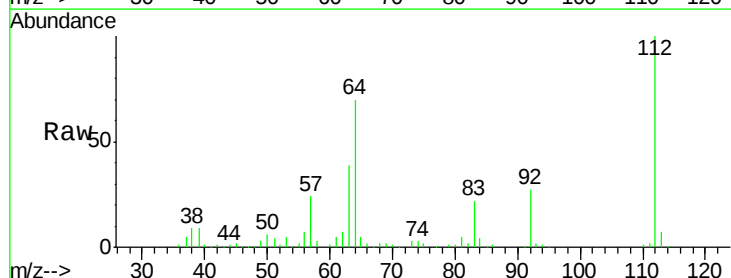
Tgt Ion:112 Resp: 160820

Ion Ratio Lower Upper

112 100

64 69.7 51.2 76.8

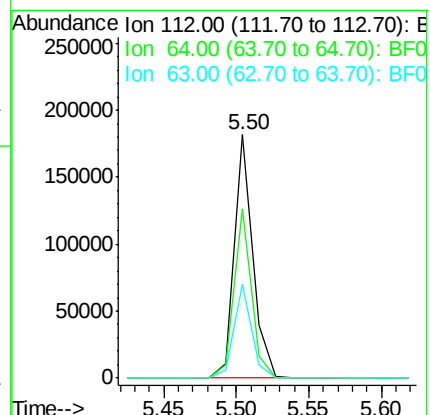
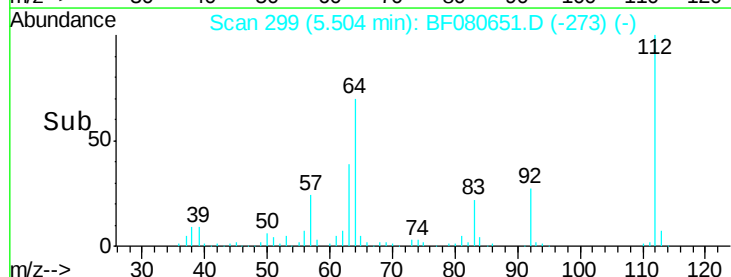
63 38.6 29.0 43.6

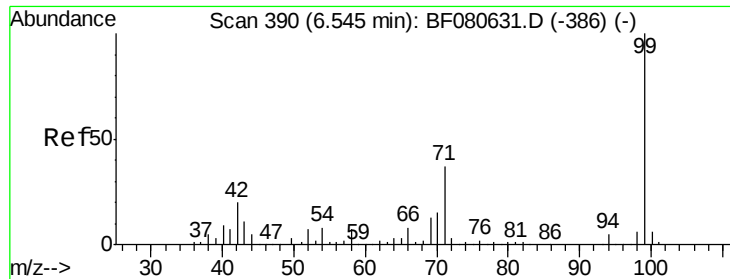


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.07 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080651.D

Acq: 25 Jul 2015 5:32

Instrument :

BNA_F

ClientSampleId :

MW-11-7-22-15

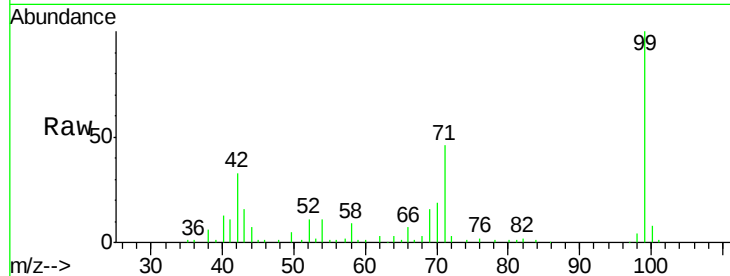
Tgt Ion: 99 Resp: 114676

Ion Ratio Lower Upper

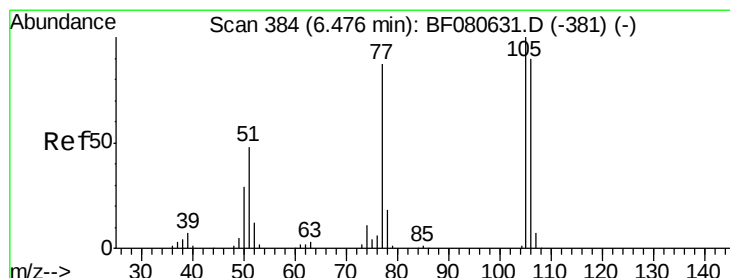
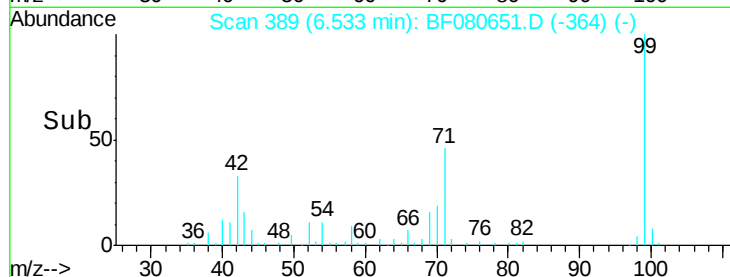
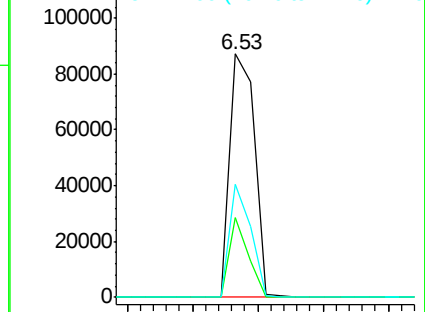
99 100

42 32.5 16.3 24.5#

71 46.2 29.7 44.5#



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: 3.69 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080651.D

Acq: 25 Jul 2015 5:32

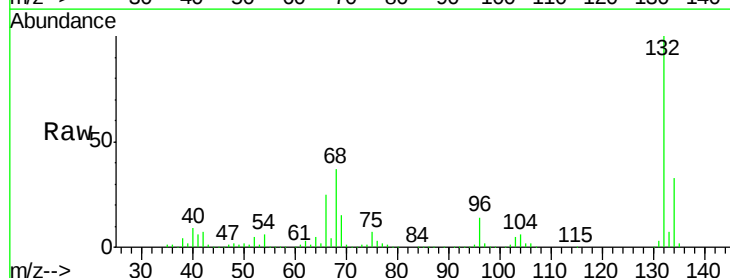
Tgt Ion: 77 Resp: 8901

Ion Ratio Lower Upper

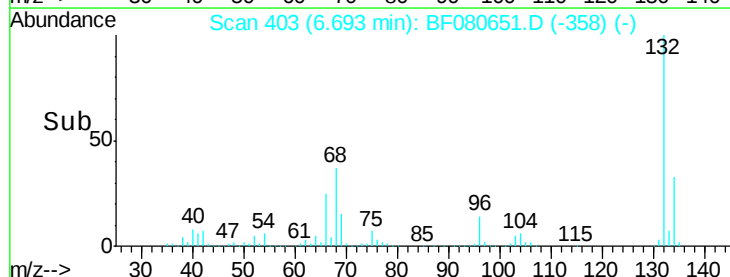
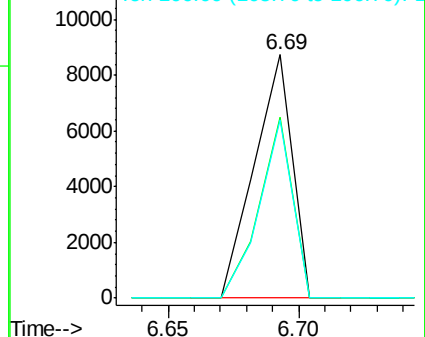
77 100

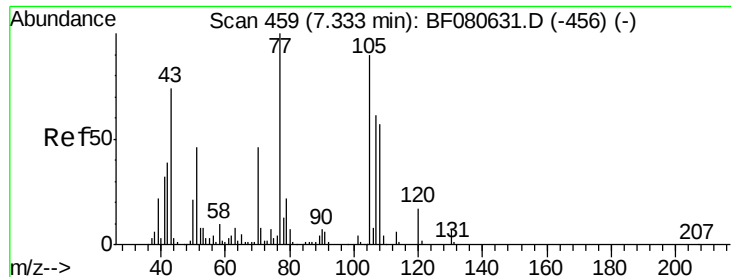
105 74.4 94.7 134.7#

106 73.3 83.4 123.4#



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

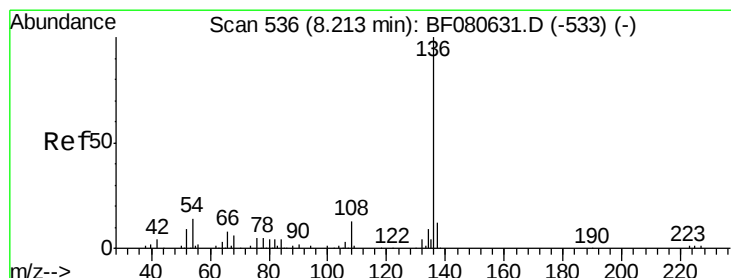
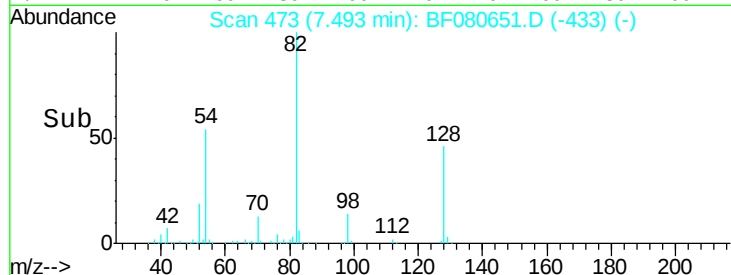
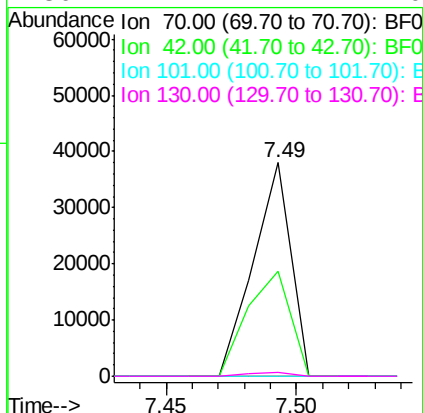
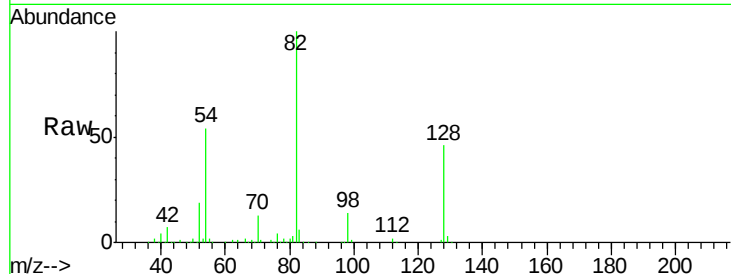




#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080651.D
Acq: 25 Jul 2015 5:32

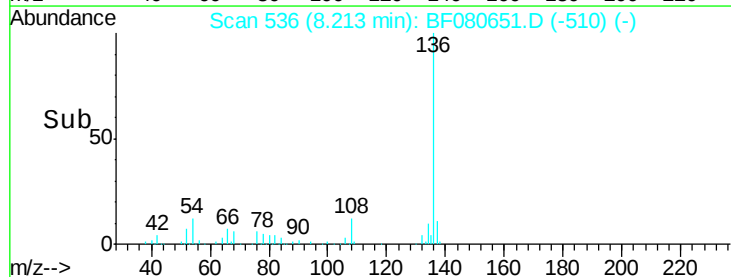
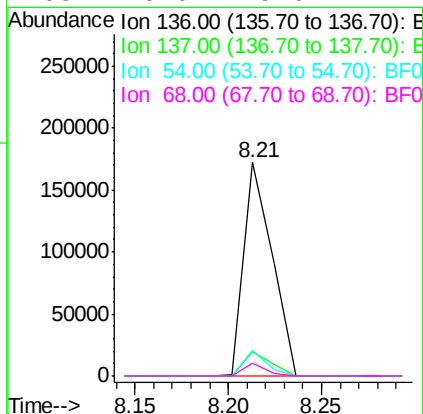
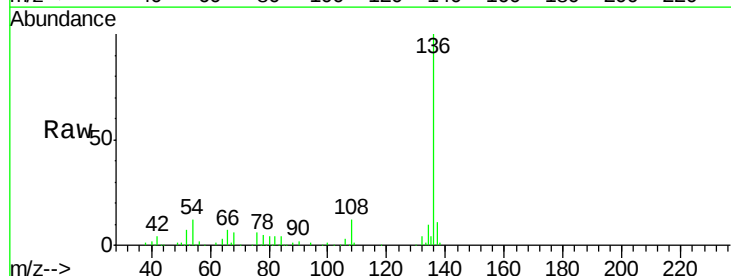
Instrument :
BNA_F
ClientSampleId :
MW-11-7-22-15

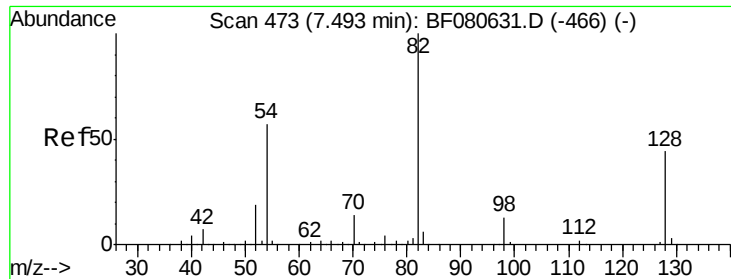
Tgt Ion: 70 Resp: 37730
Ion Ratio Lower Upper
70 100
42 49.3 67.8 101.8#
101 0.0 6.6 9.8#
130 1.7 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080651.D
Acq: 25 Jul 2015 5:32

Tgt Ion: 136 Resp: 181679
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 11.8 11.6 17.4
68 6.0 5.0 7.4

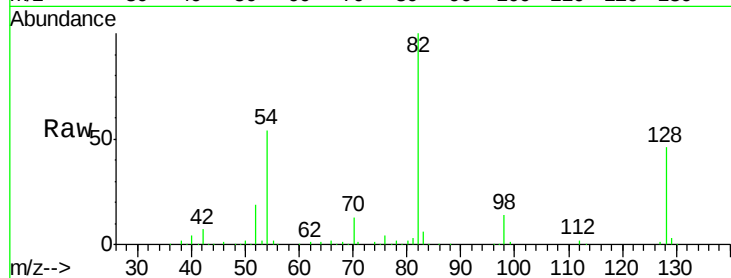




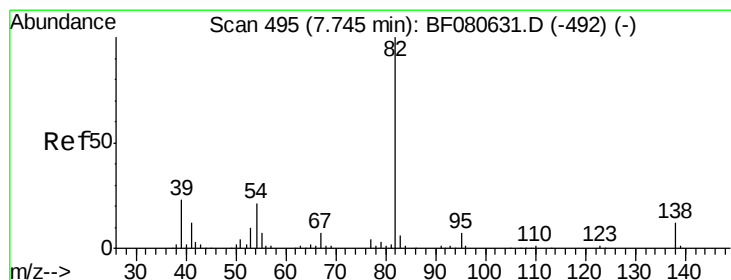
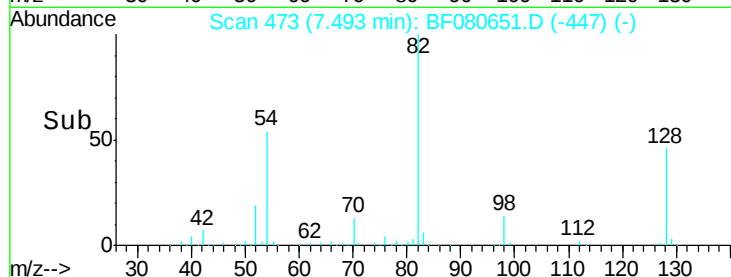
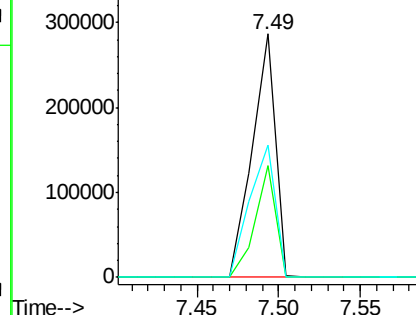
#23
 Nitrobenzene-d5
 Concen: 78.17 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-7-22-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.8	52.2
54	54.4	45.4	68.0

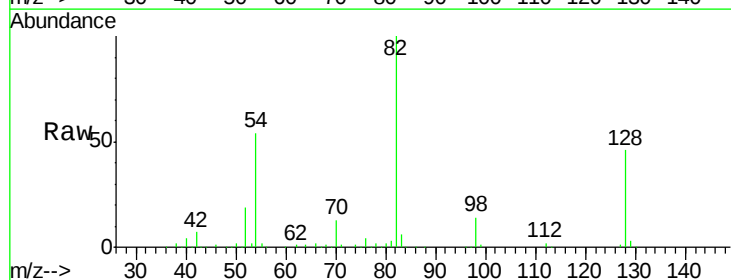


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

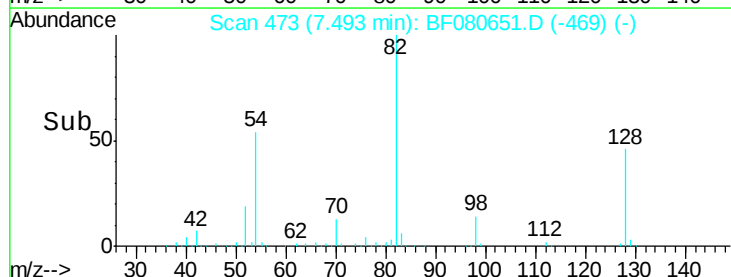
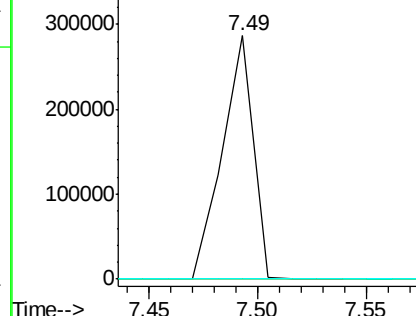


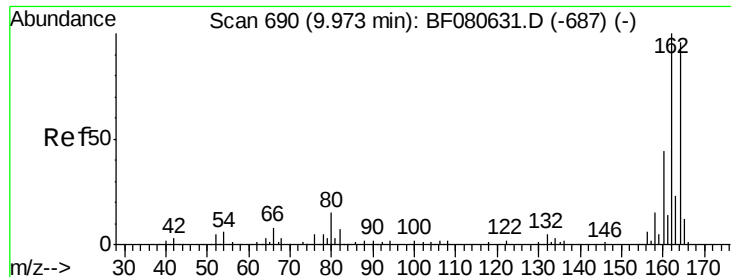
#25
 Isophorone
 Concen: 44.52 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.25 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	9.7	14.5#



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

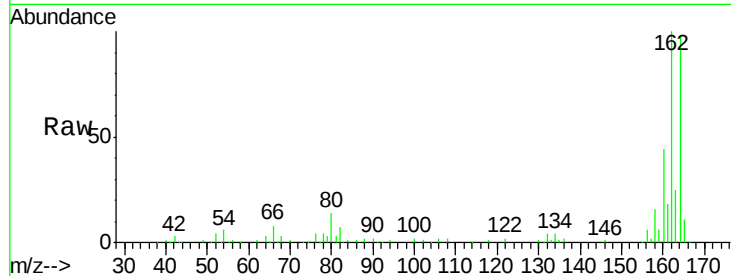




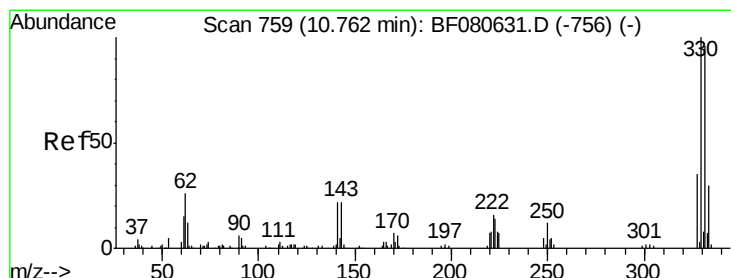
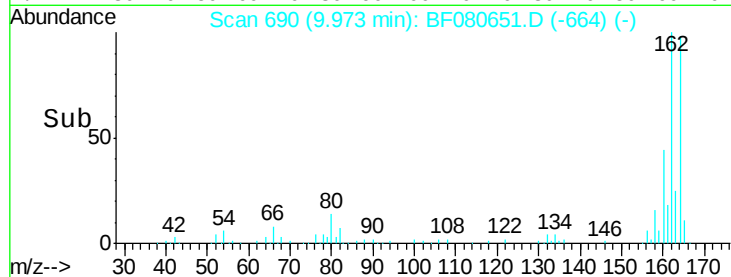
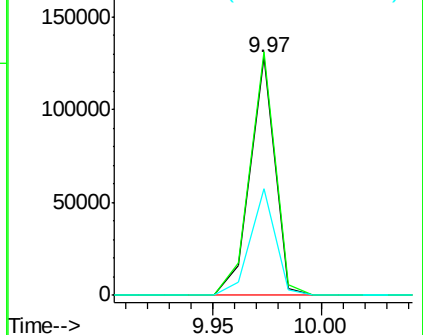
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Instrument :
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 ClientSampleId :
 MW-11-7-22-15

Tgt Ion:164 Resp: 101630
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.3 124.9
 160 44.8 36.9 55.3

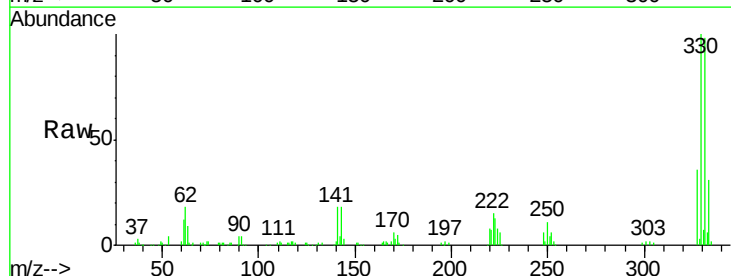


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

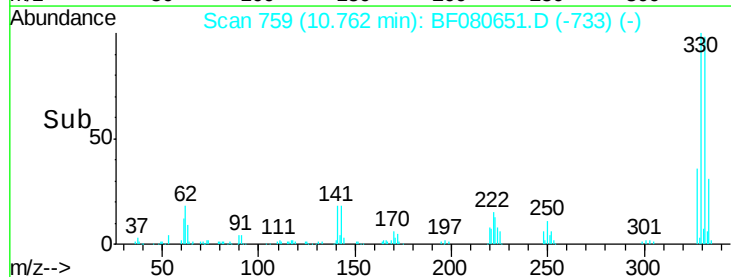
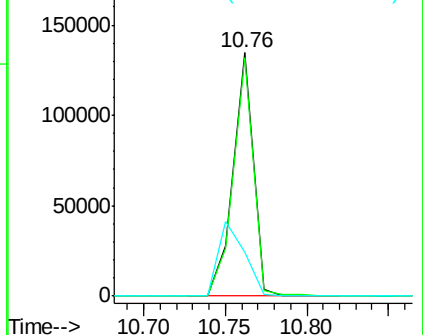


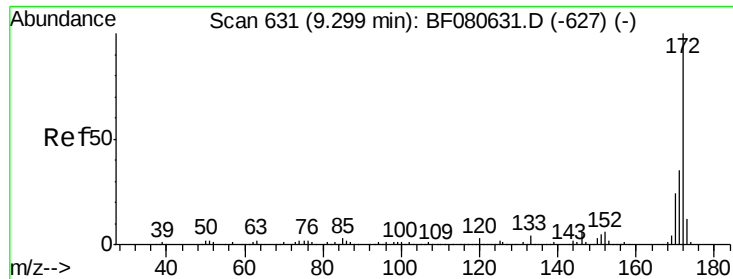
#41
 2,4,6-Tribromophenol
 Concen: 125.28 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Tgt Ion:330 Resp: 114394
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 40.2 32.7 49.1



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

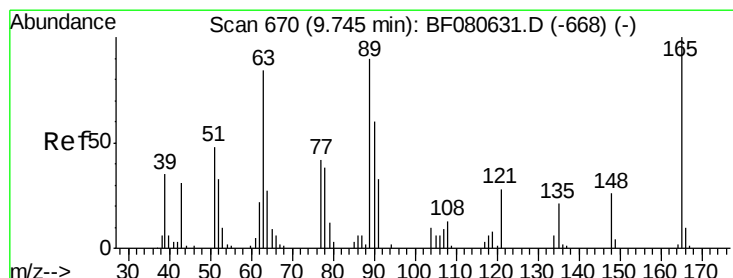
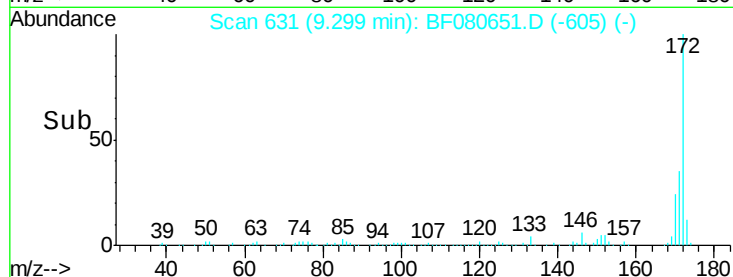
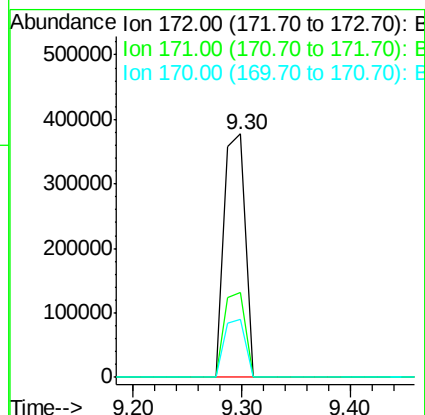
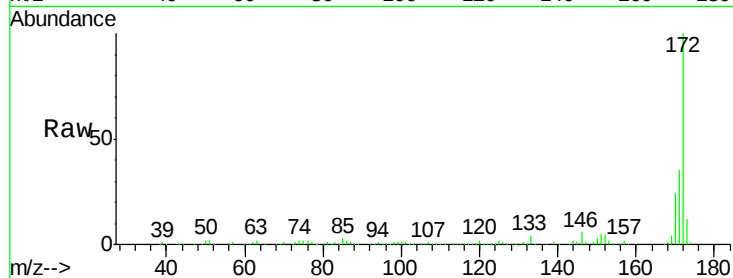




#44
 2-Fluorobiphenyl
 Concen: 77.14 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

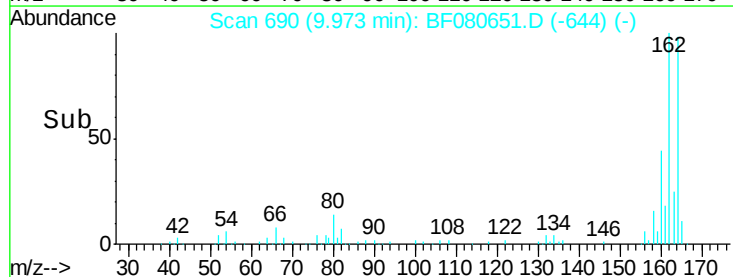
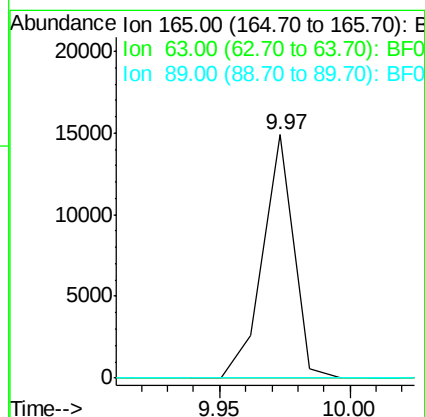
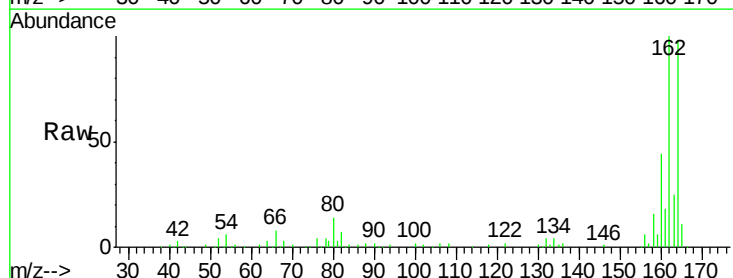
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 ClientSampleId :
 MW-11-7-22-15

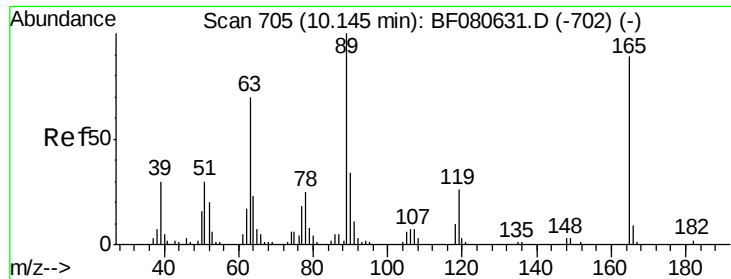
Tgt Ion:172 Resp: 508137
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.7 41.5
 170 23.6 19.0 28.4



#50
 2,6-Dinitrotoluene
 Concen: 9.60 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Tgt Ion:165 Resp: 12453
 Ion Ratio Lower Upper
 165 100
 63 0.0 84.0 126.0#
 89 0.0 71.7 107.5#

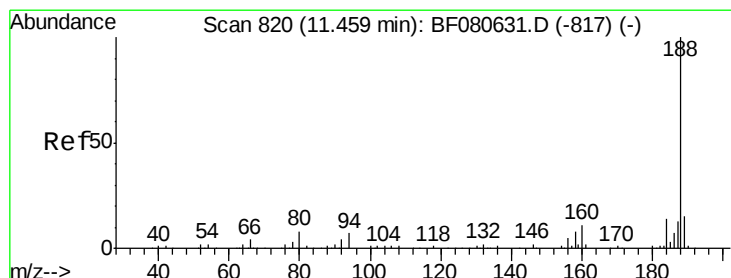
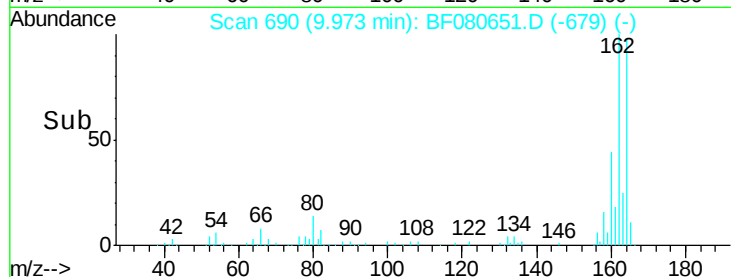
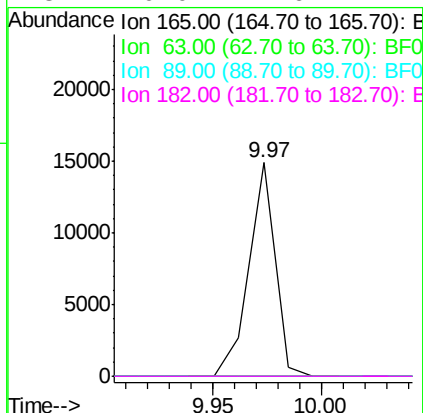
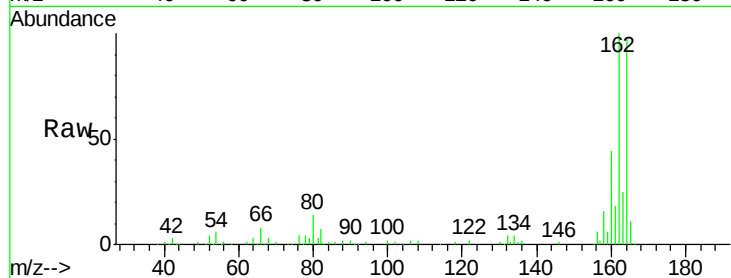




#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.17 min
Lab File: BF080651.D
Acq: 25 Jul 2015 5:32

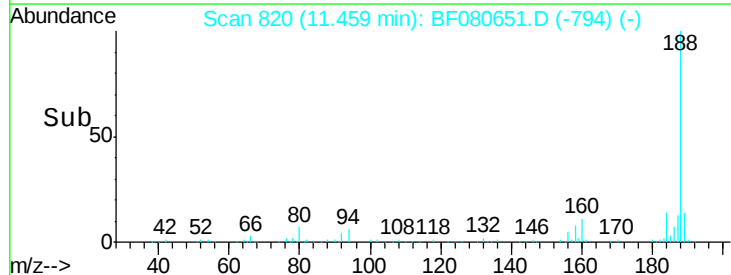
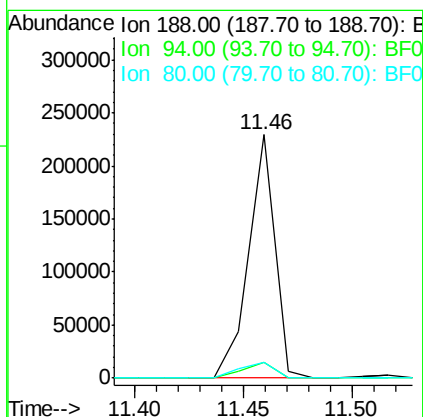
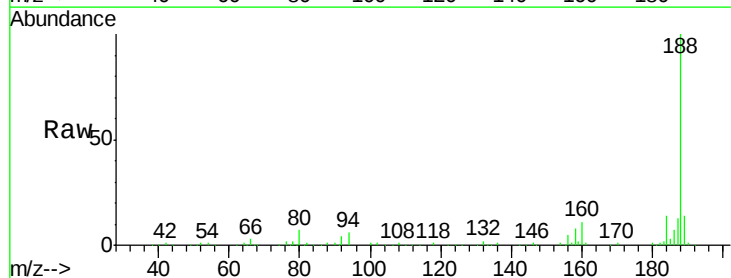
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BNA_F
ClientSampleId :
MW-11-7-22-15

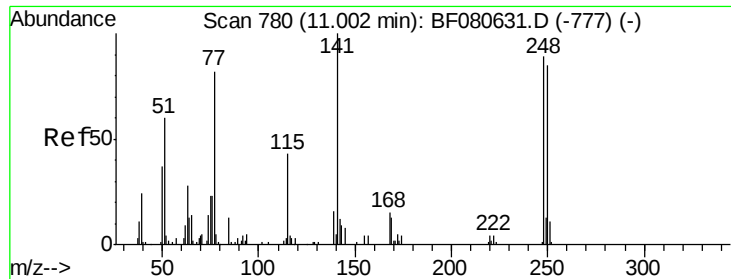
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.0	94.4#
89	0.0	90.2	135.2#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080651.D
Acq: 25 Jul 2015 5:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	6.6	6.1	9.1





#66

4-Bromophenyl-phenylether

Concen: 4.55 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.24 min

Lab File: BF080651.D

Acq: 25 Jul 2015 5:32

Instrument :

BNA_F

ClientSampleId :

MW-11-7-22-15

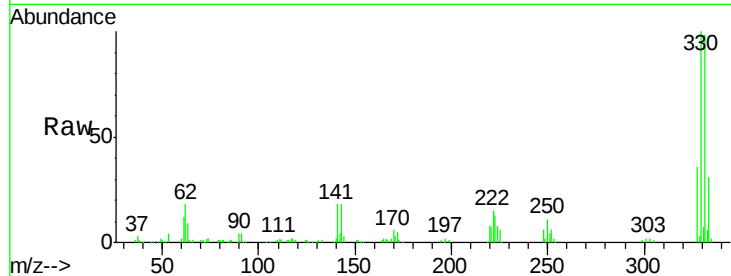
Tgt Ion:248 Resp: 8220

Ion Ratio Lower Upper

248 100

250 188.3 76.6 114.8#

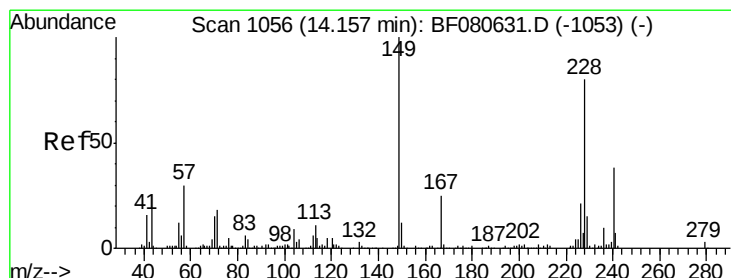
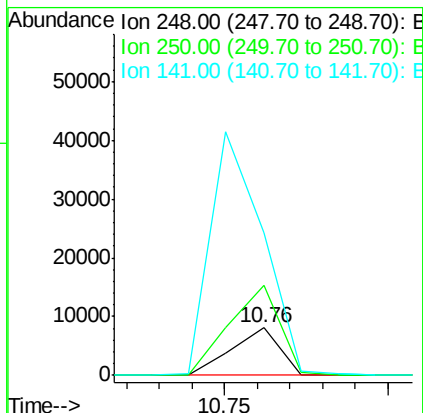
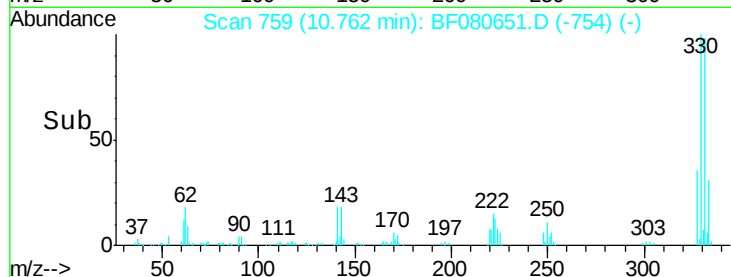
141 298.3 90.0 135.0#



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: 14.19 min Scan# 1059

Delta R.T. 0.03 min

Lab File: BF080651.D

Acq: 25 Jul 2015 5:32

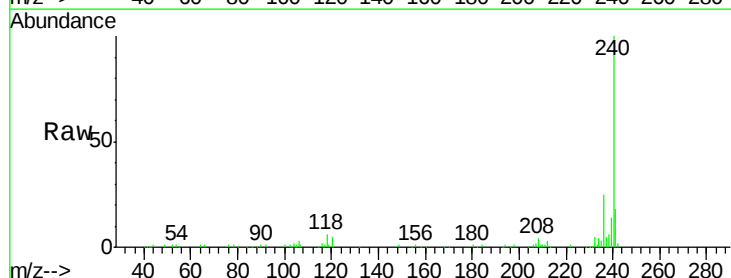
Tgt Ion:240 Resp: 167234

Ion Ratio Lower Upper

240 100

120 5.3 10.8 16.2#

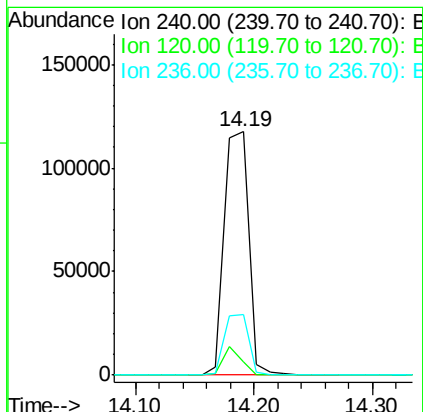
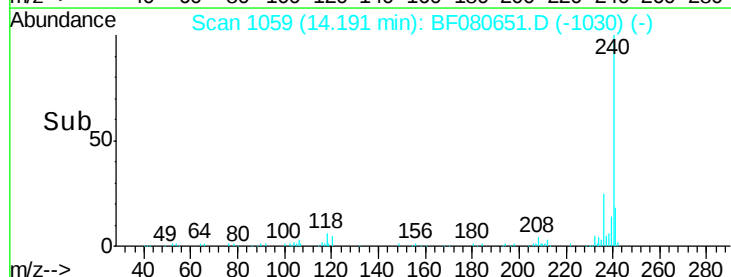
236 25.0 20.3 30.5

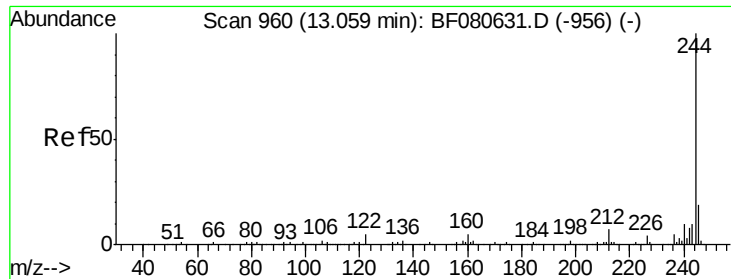


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

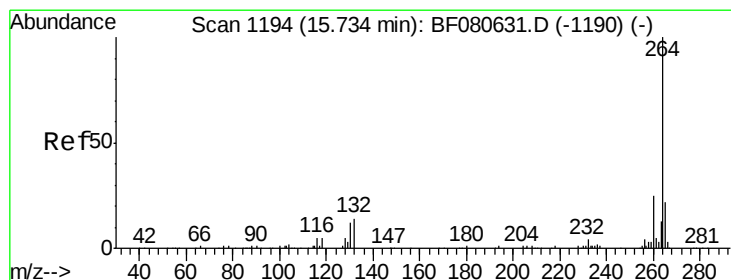
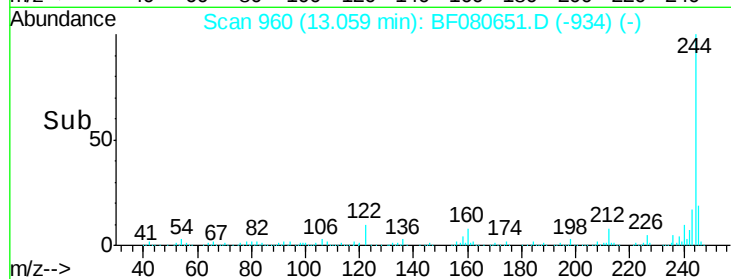
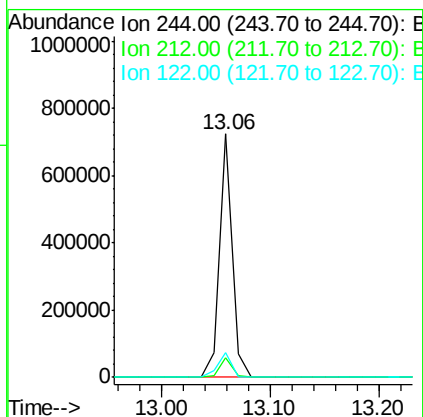
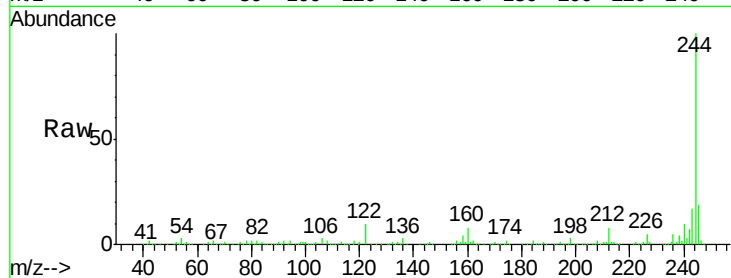




#78
 Terphenyl-d14
 Concen: 76.85 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-7-22-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.2	7.8#
122	10.3	4.1	6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.78 min Scan# 1198
 Delta R.T. 0.05 min
 Lab File: BF080651.D
 Acq: 25 Jul 2015 5:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.1	30.1
265	22.0	17.4	26.0

