

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080645.D
 Acq On : 25 Jul 2015 00:43
 Operator : TP/UM
 Sample : G3079-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-7-22-15

Quant Time: Jul 25 05:15:33 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

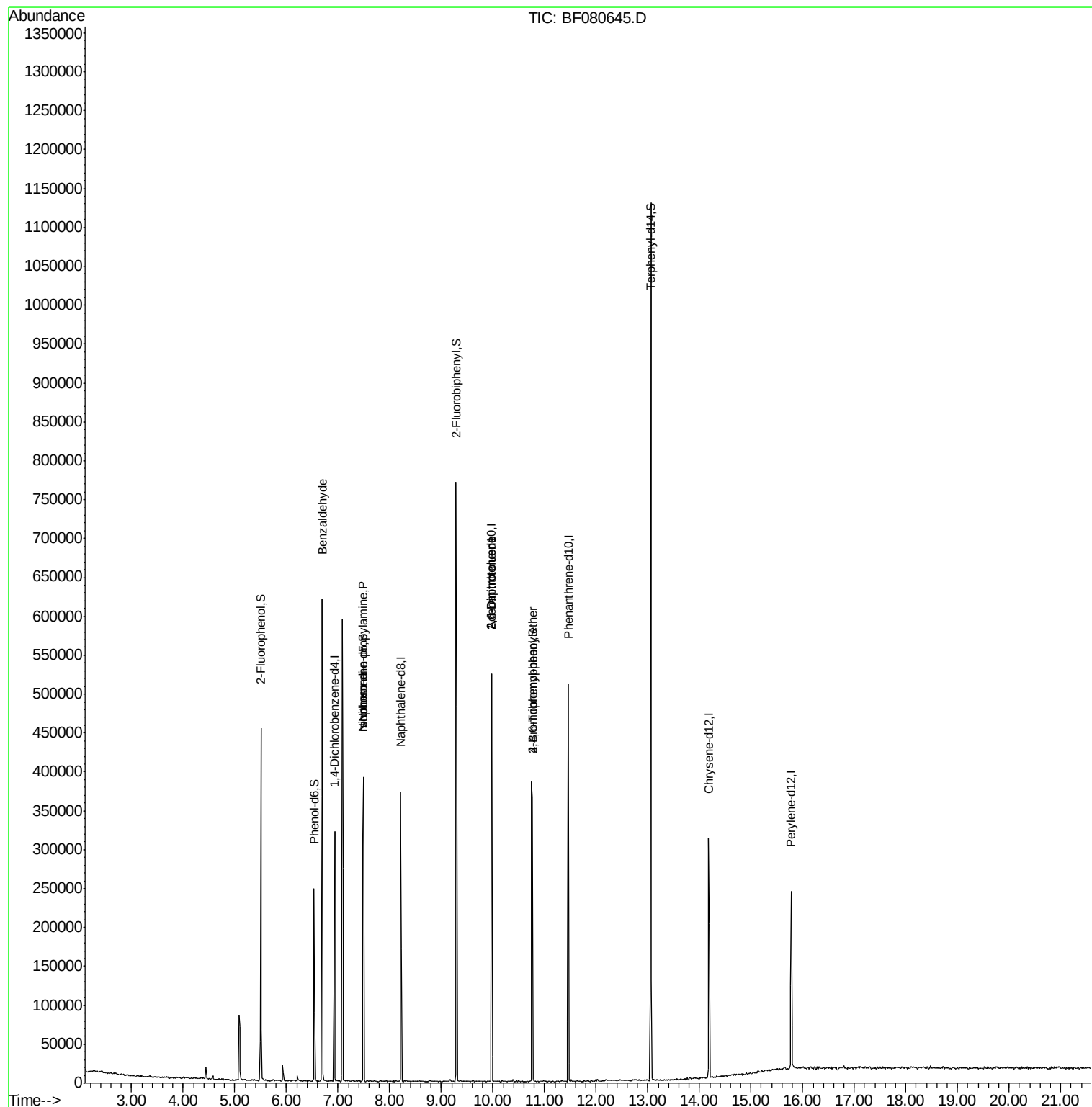
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	49243	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	175589	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	94683	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	171401	20.00	ng	0.00
75) Chrysene-d12	14.18	240	138332	20.00	ng	0.02
86) Perylene-d12	15.78	264	105726	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	102020	34.88	ng	0.00
7) Phenol-d6	6.53	99	73520	21.05	ng	-0.01
23) Nitrobenzene-d5	7.49	82	152528	43.63	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	55704	65.48	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	286127	46.63	ng	-0.01
78) Terphenyl-d14	13.06	244	323881	50.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	5049	2.21	ng	# 65
19) n-Nitroso-di-n-propylamine	7.49	70	20894	8.29	ng	# 63
25) Isophorone	7.49	82	152254	24.83	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	12287	10.16	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	12288	7.69	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	3461	2.14	ng	# 1

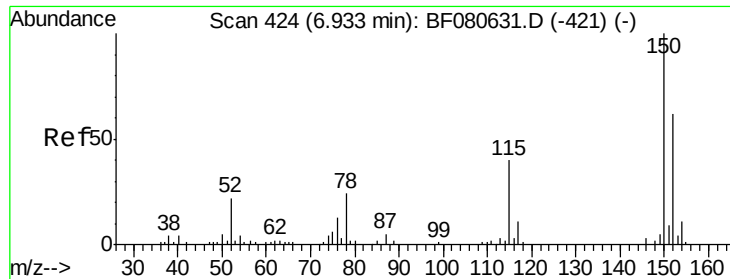
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080645.D

Acq: 25 Jul 2015 00:43

Instrument :

BNA_F

ClientSampleId :

MW-3-7-22-15

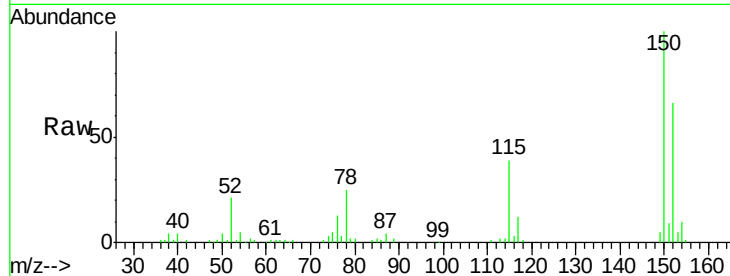
Tgt Ion:152 Resp: 49243

Ion Ratio Lower Upper

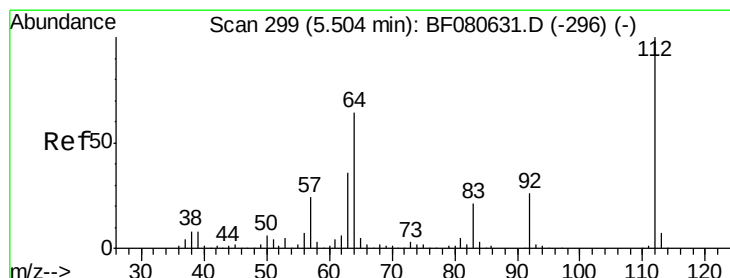
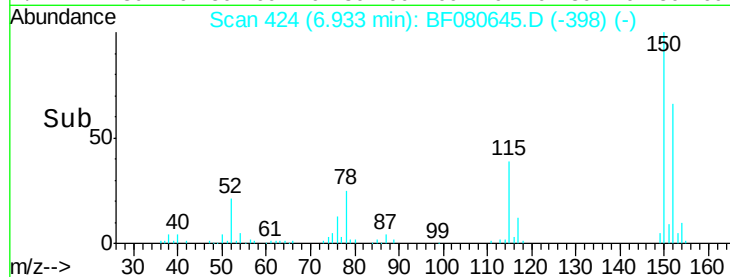
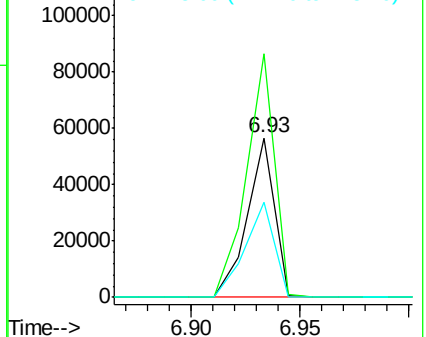
152 100

150 152.4 128.9 193.3

115 59.2 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: 34.88 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080645.D

Acq: 25 Jul 2015 00:43

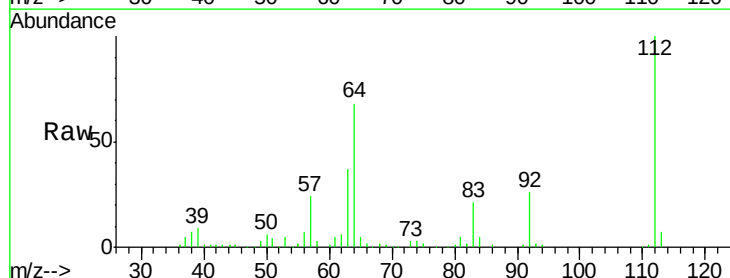
Tgt Ion:112 Resp: 102020

Ion Ratio Lower Upper

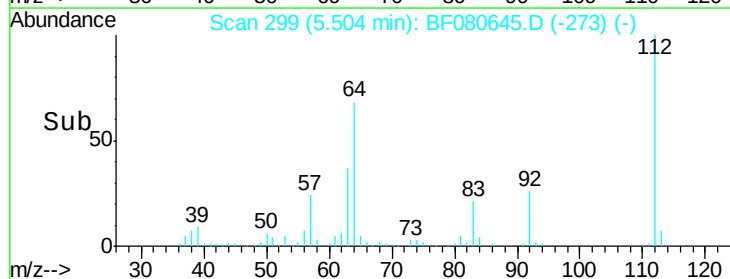
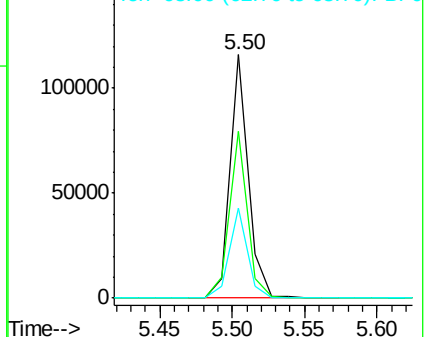
112 100

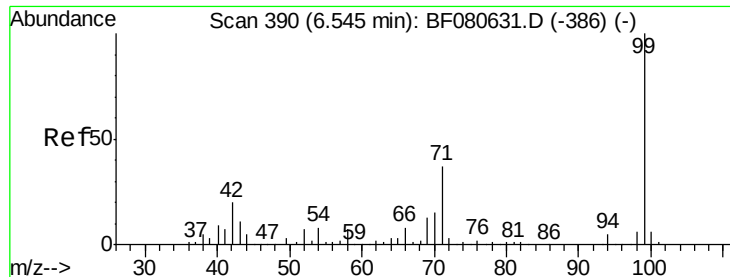
64 68.5 51.2 76.8

63 37.0 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: 21.05 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080645.D

Acq: 25 Jul 2015 00:43

Instrument :

BNA_F

ClientSampleId :

MW-3-7-22-15

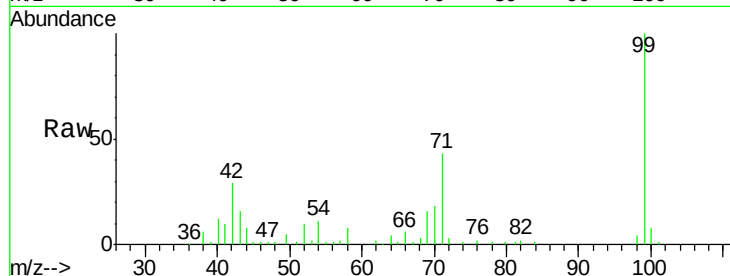
Tgt Ion: 99 Resp: 73520

Ion Ratio Lower Upper

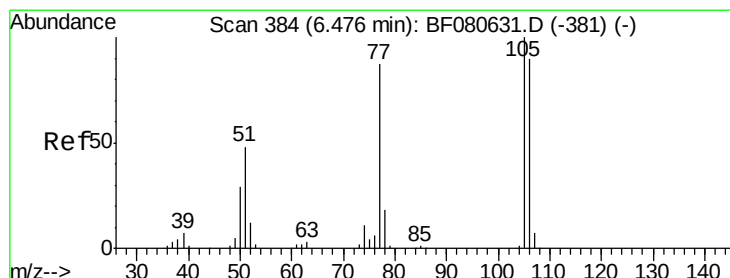
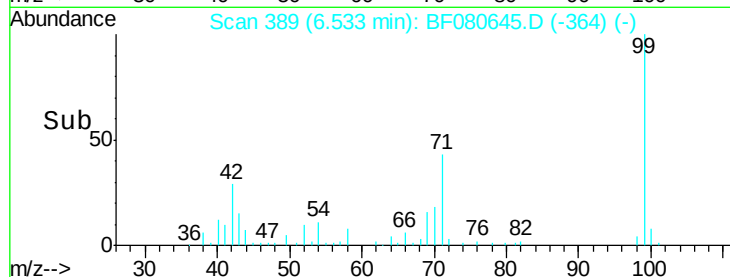
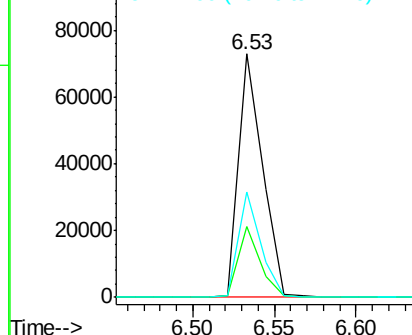
99 100

42 29.3 16.3 24.5#

71 43.3 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: 2.21 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080645.D

Acq: 25 Jul 2015 00:43

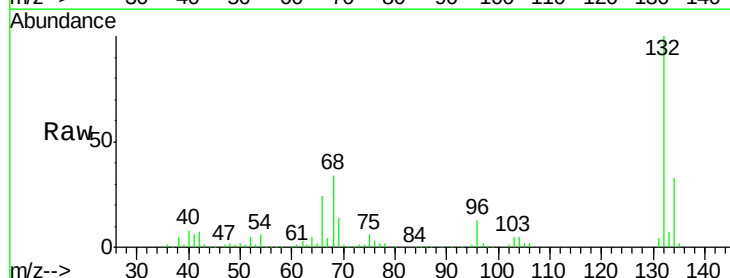
Tgt Ion: 77 Resp: 5049

Ion Ratio Lower Upper

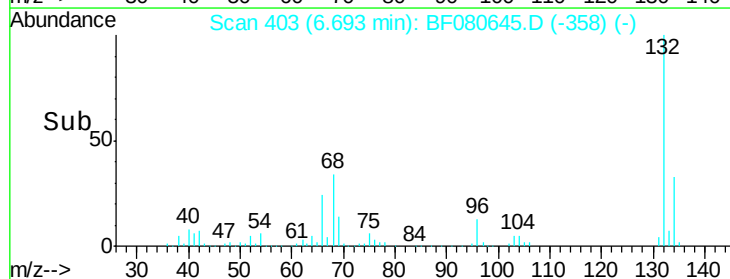
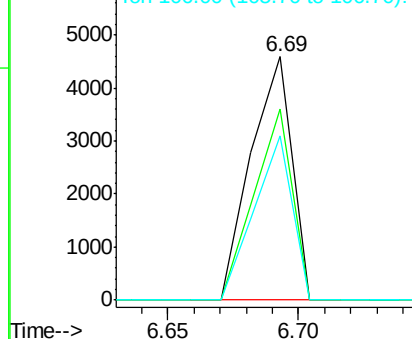
77 100

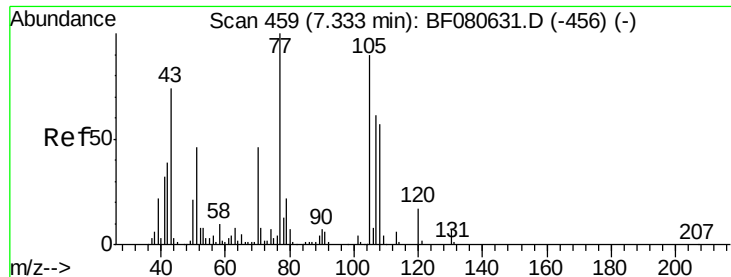
105 78.3 94.7 134.7#

106 67.2 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

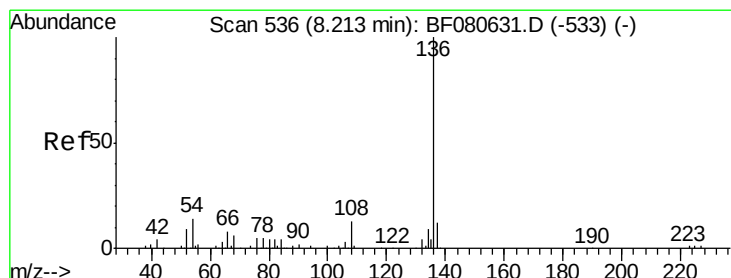
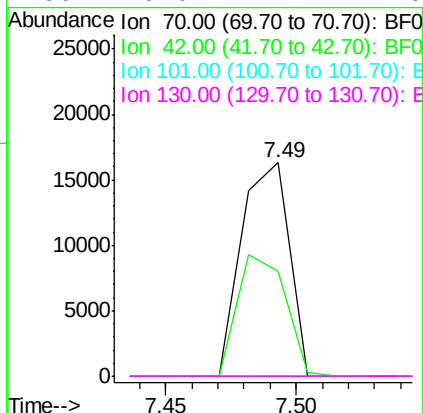
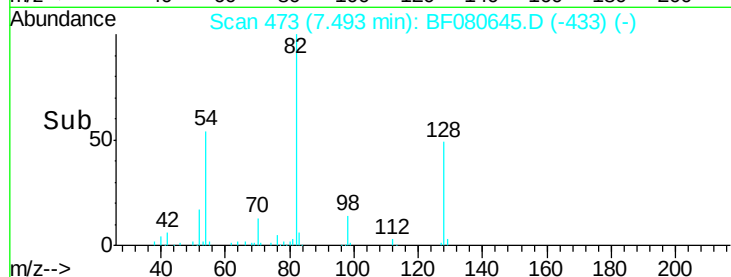
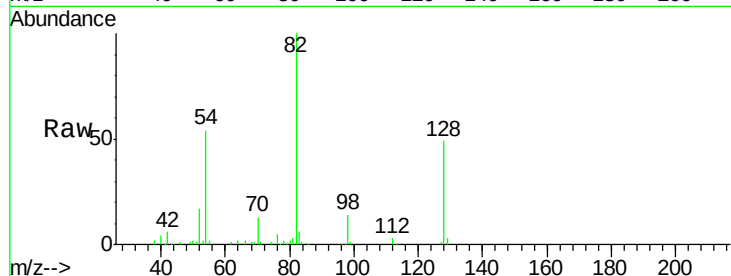




#19
n-Nitroso-di-n-propylamine
Concen: 8.29 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

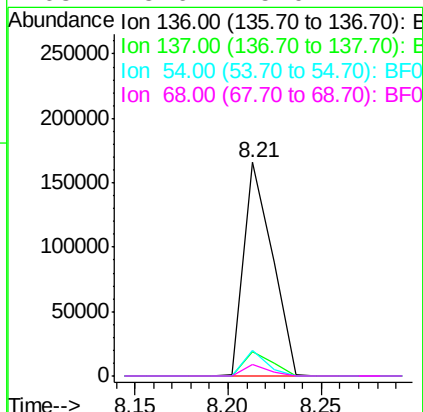
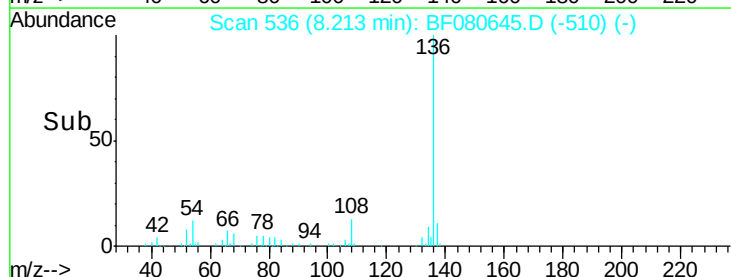
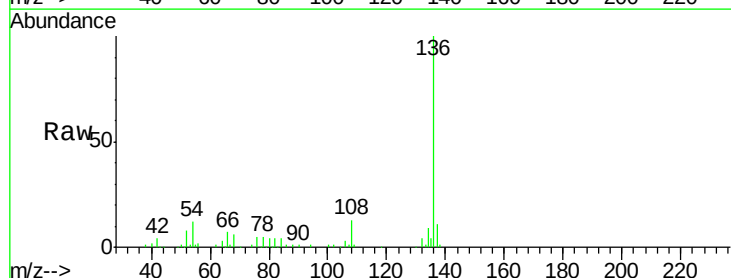
Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

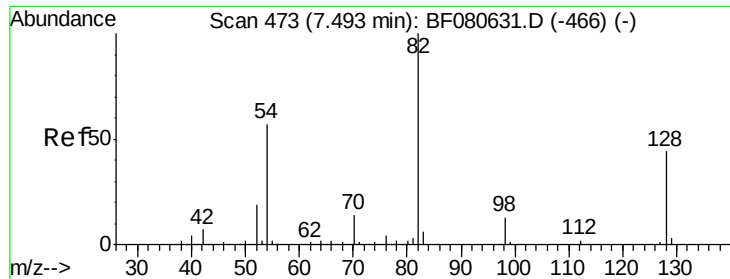
Tgt Ion: 70 Resp: 20894
Ion Ratio Lower Upper
70 100
42 49.3 67.8 101.8#
101 0.0 6.6 9.8#
130 0.0 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion: 136 Resp: 175589
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 11.9 11.6 17.4
68 5.6 5.0 7.4

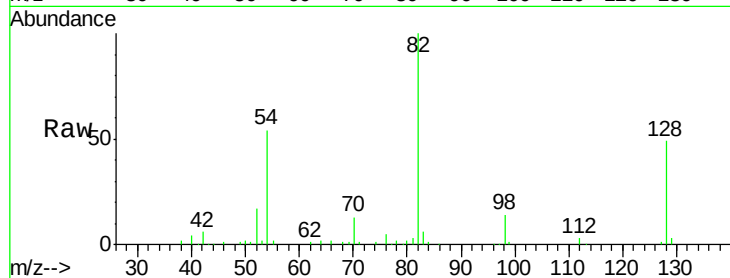




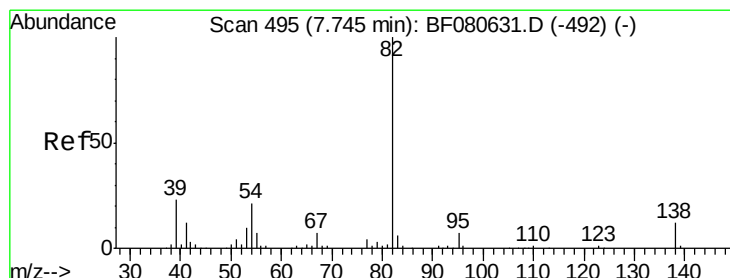
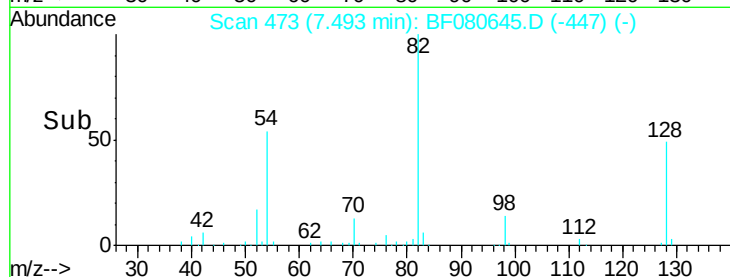
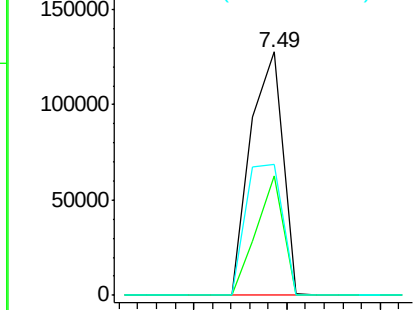
#23
Nitrobenzene-d5
Concen: 43.63 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion: 82 Resp: 152528
Ion Ratio Lower Upper
82 100
128 49.2 34.8 52.2
54 53.7 45.4 68.0

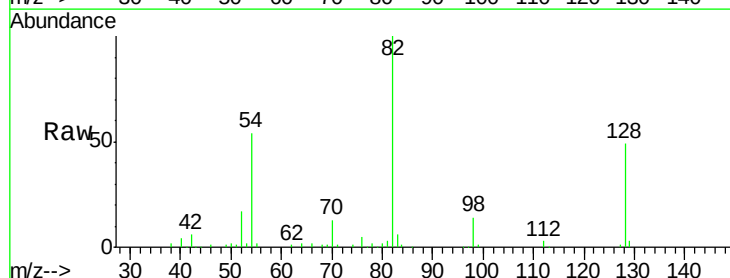


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

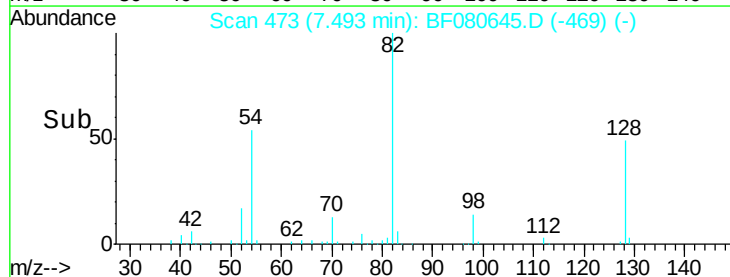
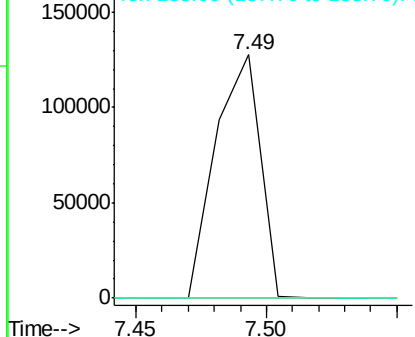


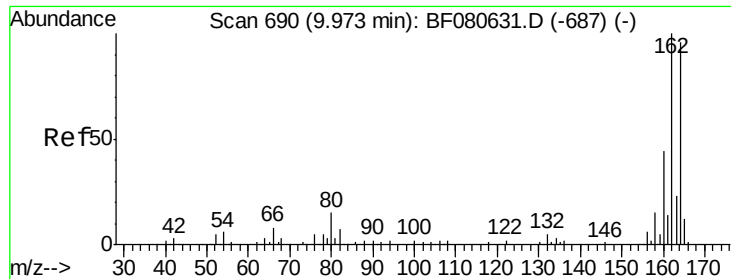
#25
Isophorone
Concen: 24.83 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.25 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion: 82 Resp: 152254
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: BF080645.D

Acq: 25 Jul 2015 00:43

Instrument :

BNA_F

ClientSampleId :

MW-3-7-22-15

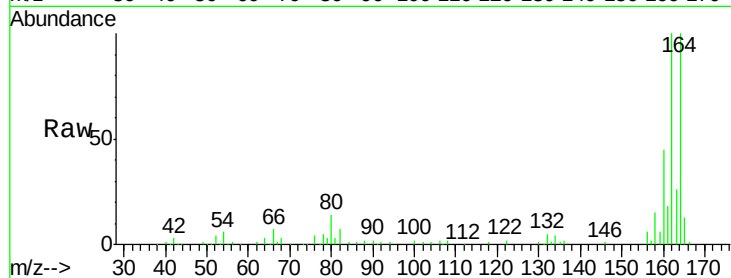
Tgt Ion:164 Resp: 94683

Ion Ratio Lower Upper

164 100

162 100.0 83.3 124.9

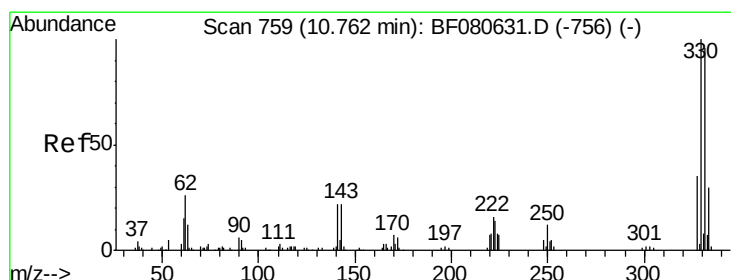
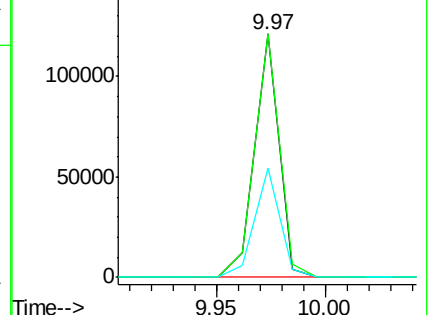
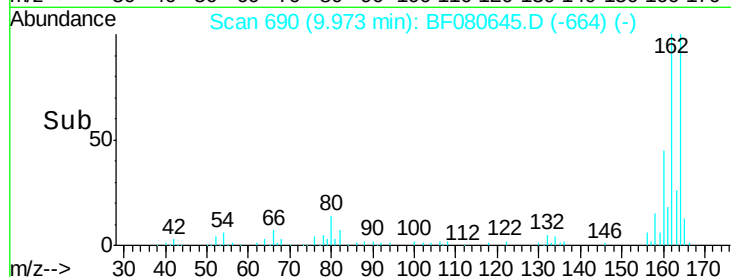
160 45.0 36.9 55.3



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: 65.48 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080645.D

Acq: 25 Jul 2015 00:43

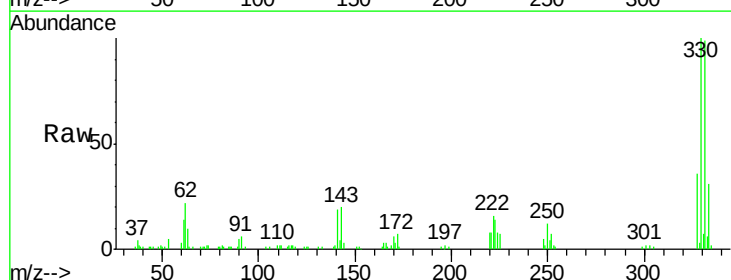
Tgt Ion:330 Resp: 55704

Ion Ratio Lower Upper

330 100

332 99.5 76.7 115.1

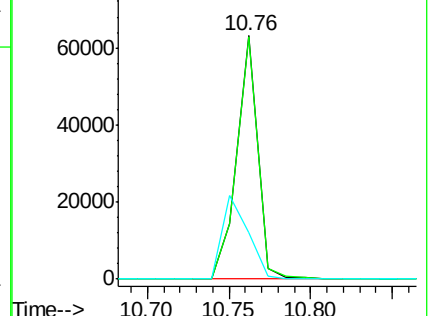
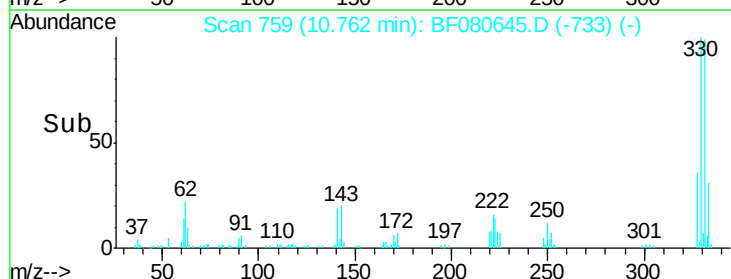
141 42.7 32.7 49.1

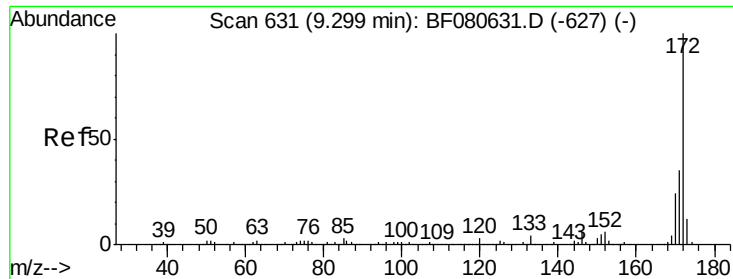


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

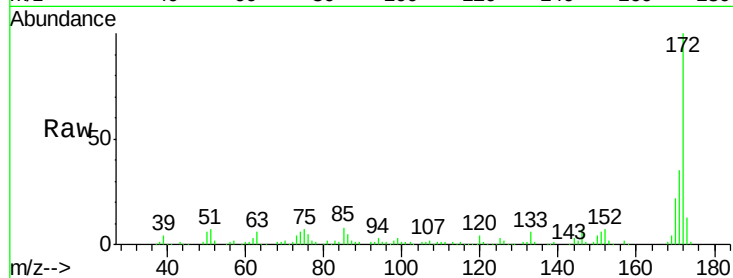




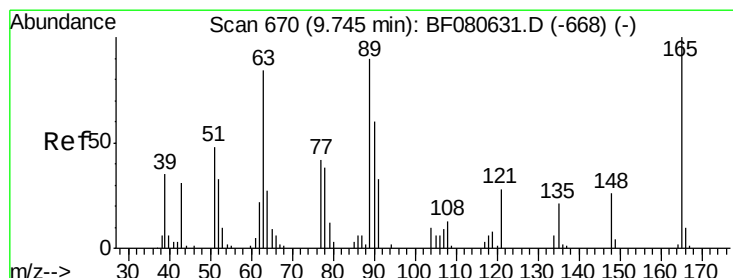
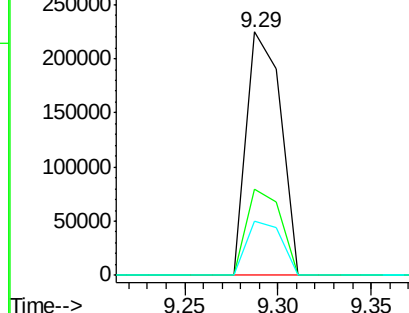
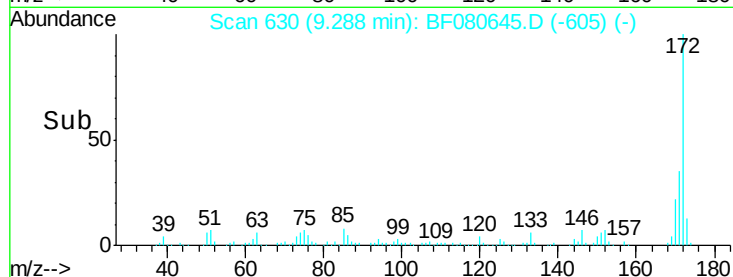
#44
 2-Fluorobiphenyl
 Concen: 46.63 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080645.D
 Acq: 25 Jul 2015 00:43

Instrument :
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 ClientSampleId :
 MW-3-7-22-15

Tgt Ion:172 Resp: 286127
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.7 41.5
 170 22.2 19.0 28.4

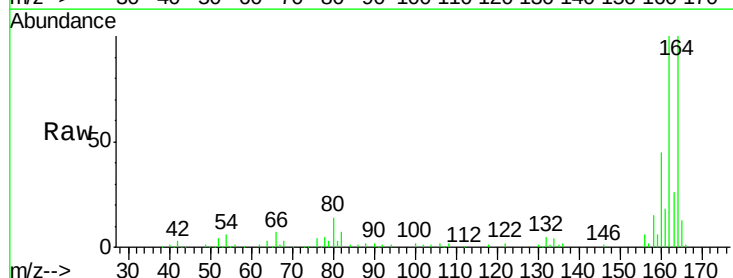


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

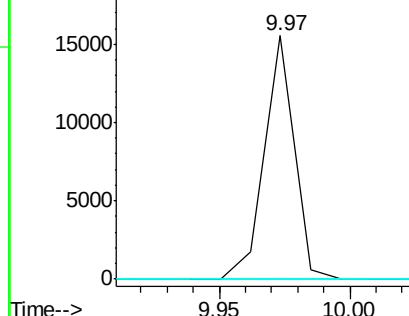
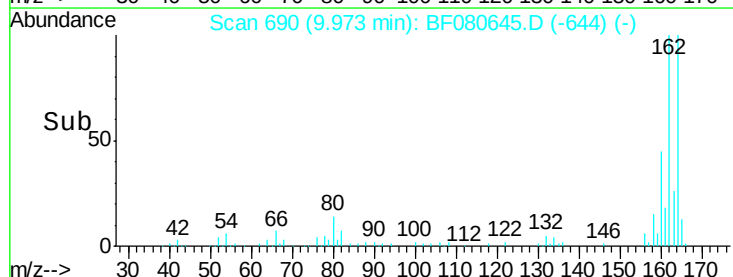


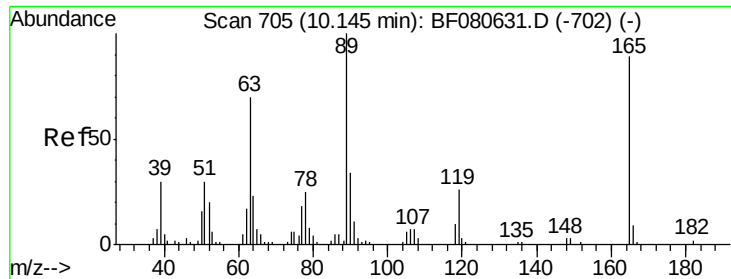
#50
 2,6-Dinitrotoluene
 Concen: 10.16 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080645.D
 Acq: 25 Jul 2015 00:43

Tgt Ion:165 Resp: 12287
 Ion Ratio Lower Upper
 165 100
 63 0.0 84.0 126.0#
 89 0.0 71.7 107.5#



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

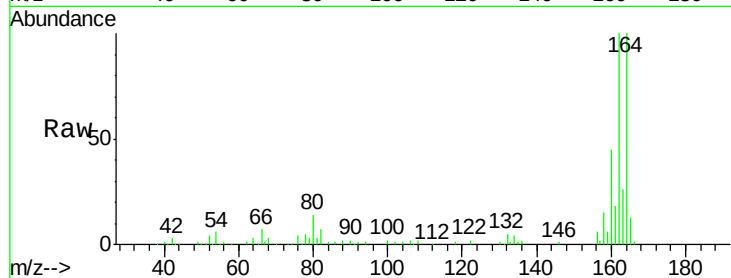




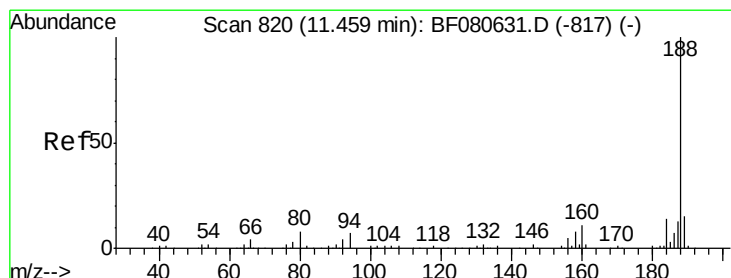
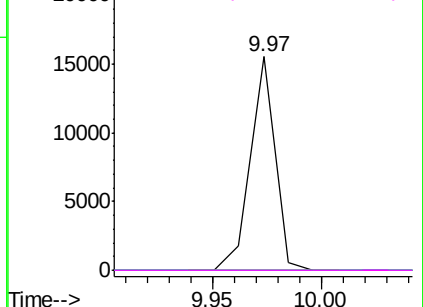
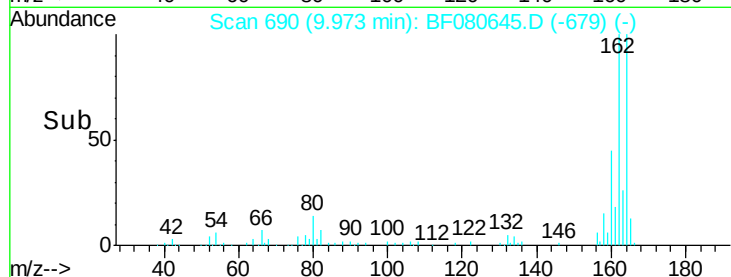
#56
 2,4-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080645.D
 Acq: 25 Jul 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-7-22-15

Tgt Ion:165 Resp: 12288
 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#

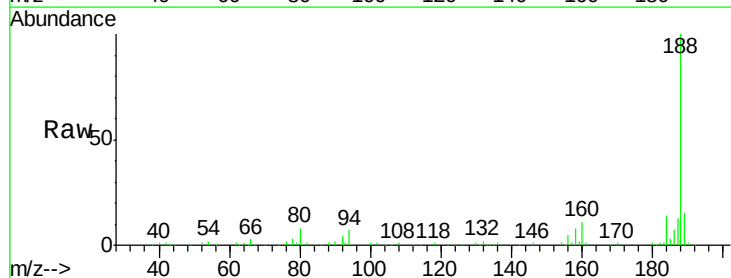


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

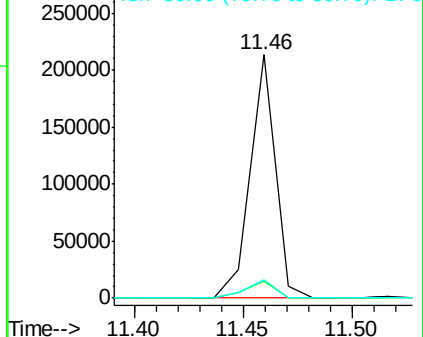
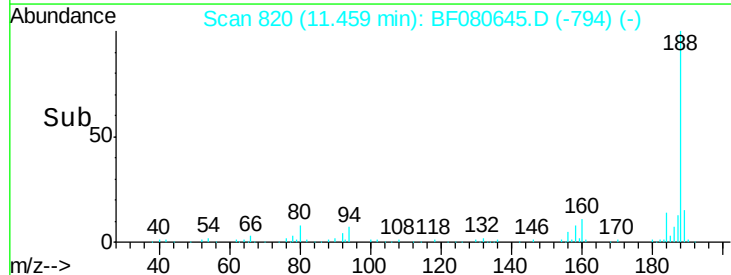


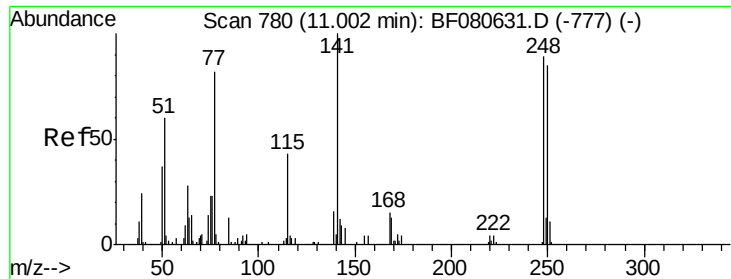
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080645.D
 Acq: 25 Jul 2015 00:43

Tgt Ion:188 Resp: 171401
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.6 8.4
 80 7.8 6.1 9.1



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

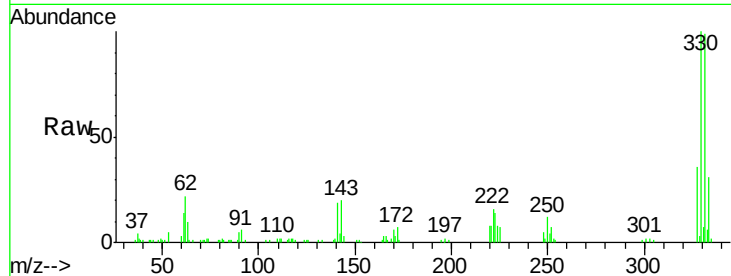




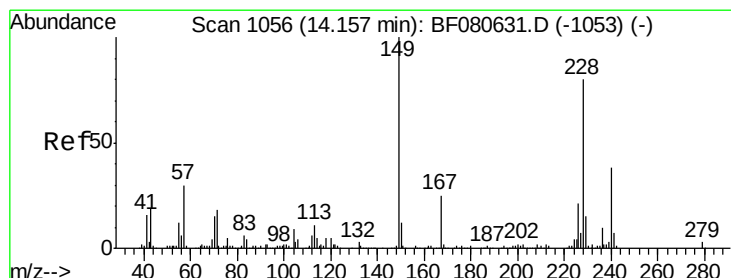
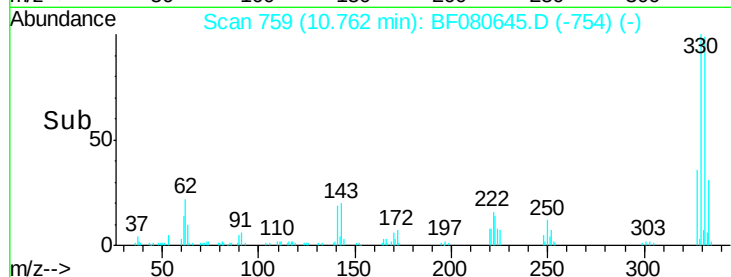
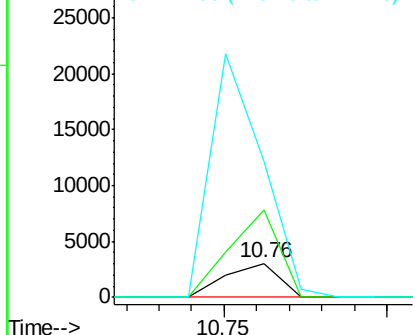
#66
4-Bromophenyl-phenylether
Concen: 2.14 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:248 Resp: 3461
Ion Ratio Lower Upper
248 100
250 256.0 76.6 114.8#
141 398.7 90.0 135.0#

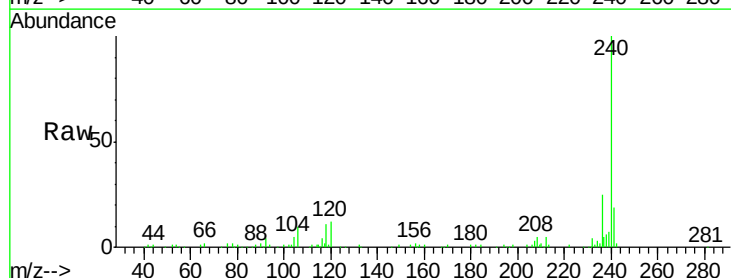


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

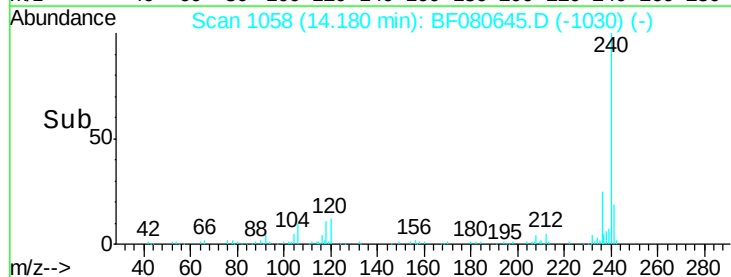
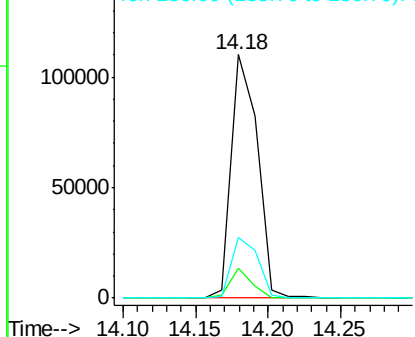


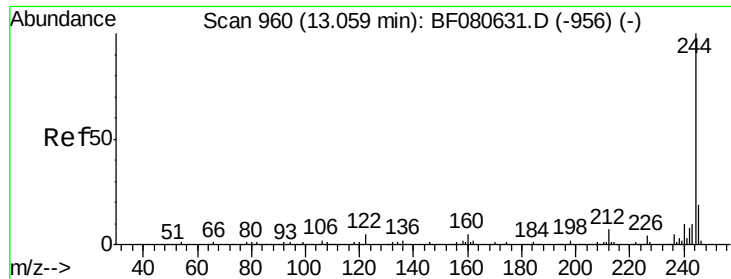
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:240 Resp: 138332
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 24.7 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

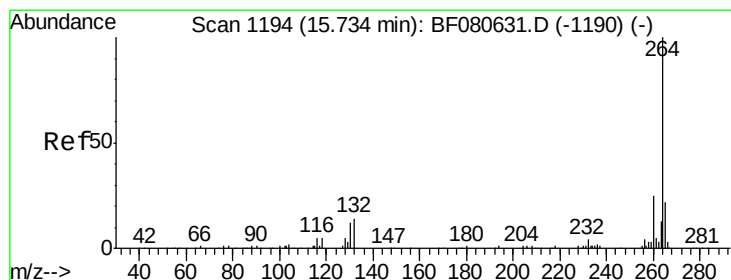
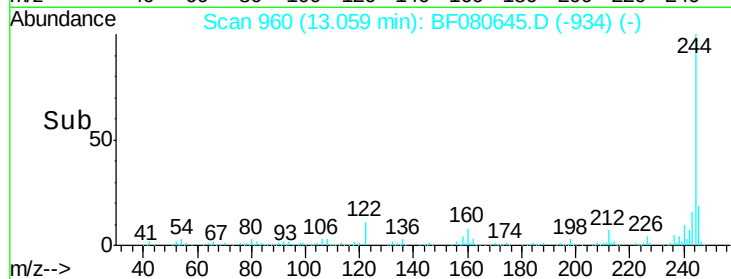
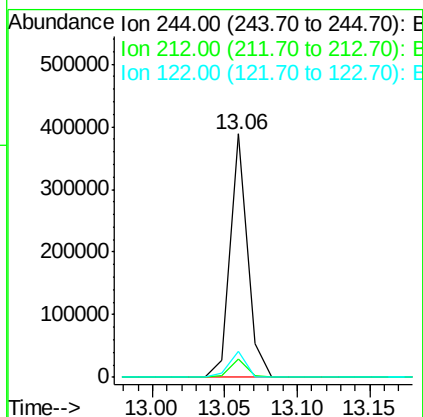
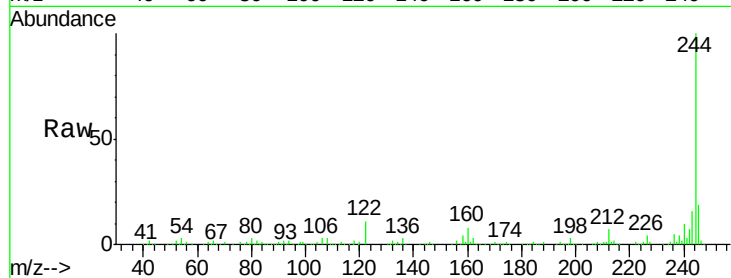




#78
 Terphenyl-d14
 Concen: 50.41 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF080645.D
 Acq: 25 Jul 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-7-22-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.2	7.8
122	10.7	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: BF080645.D
 Acq: 25 Jul 2015 00:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.8	17.4	26.0

