

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080655.D
 Acq On : 25 Jul 2015 7:27
 Operator : TP/UM
 Sample : G3079-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jul 27 01:16:15 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

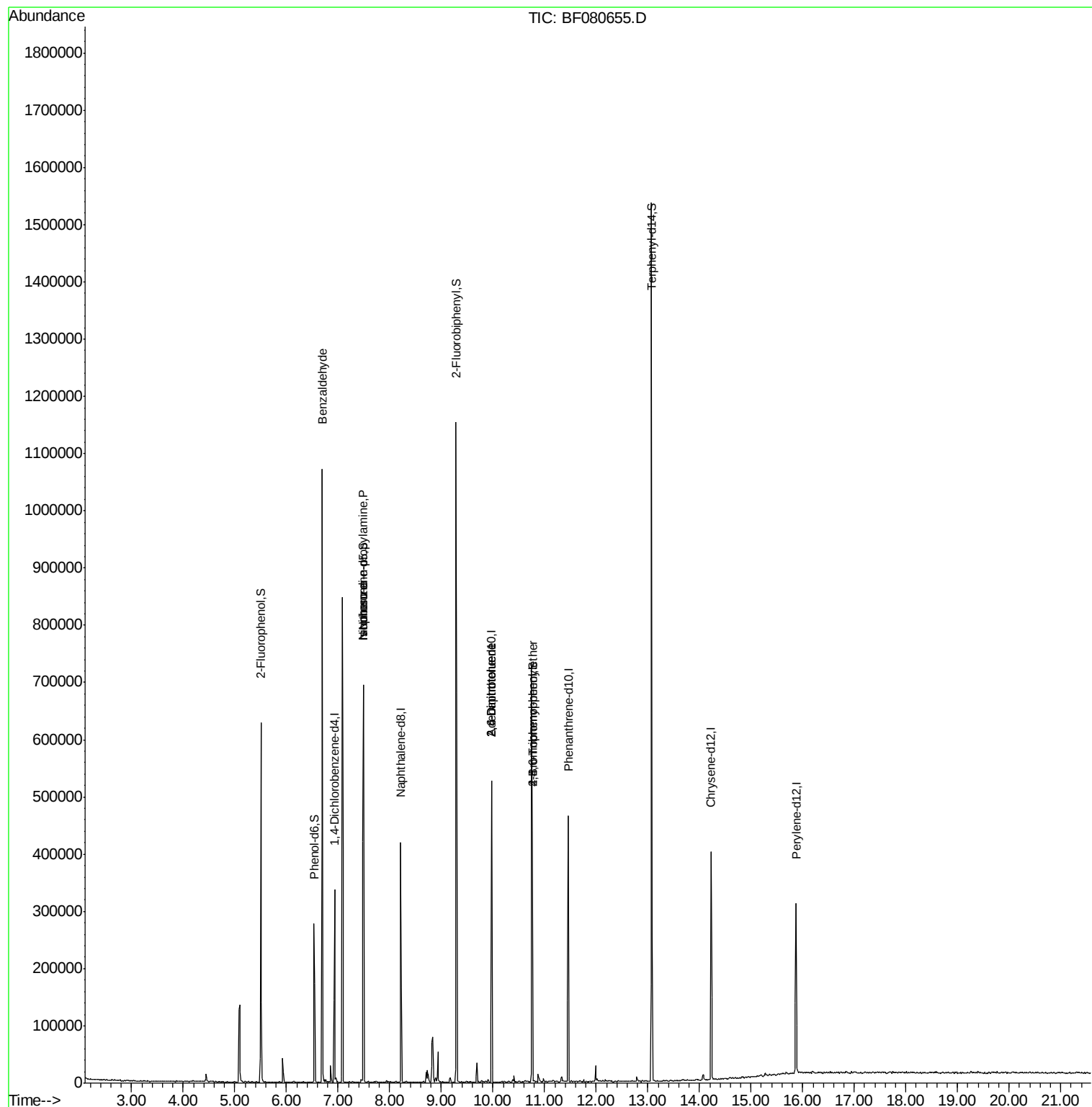
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54599	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	185305	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	98464	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	170704	20.00	ng	0.00
75) Chrysene-d12	14.23	240	152964	20.00	ng	0.07
86) Perylene-d12	15.87	264	140108	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	145397	44.84	ng	0.00
7) Phenol-d6	6.53	99	100503	25.95	ng	-0.01
23) Nitrobenzene-d5	7.49	82	246198	66.73	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	88644	100.20	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420361	65.87	ng	-0.01
78) Terphenyl-d14	13.07	244	456241	64.22	ng	0.01
Target Compounds						
9) Benzaldehyde	6.69	77	8284	3.27	ng	# 64
19) n-Nitroso-di-n-propylamine	7.49	70	33248	11.90	ng	# 65
25) Isophorone	7.49	82	245892	38.00	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	12564	9.99	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	12564	7.56	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	5816	3.62	ng	# 1

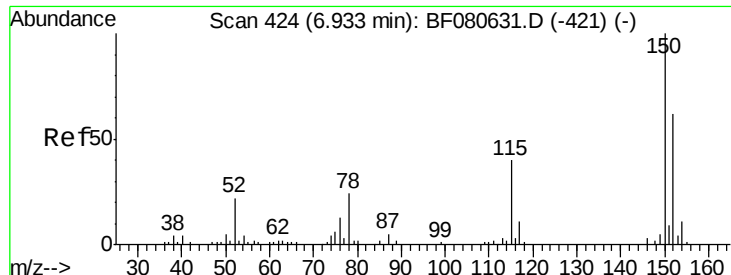
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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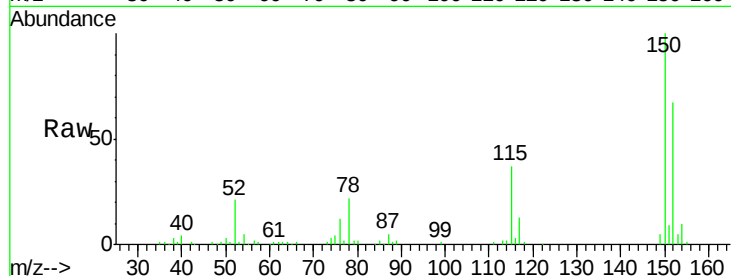


#1

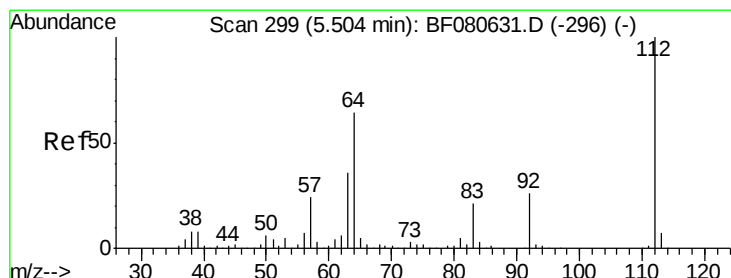
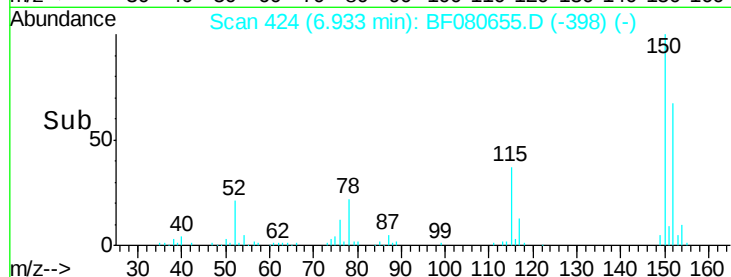
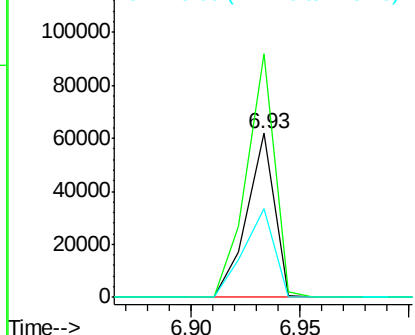
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

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

Tgt Ion:152 Resp: 54599
Ion Ratio Lower Upper
152 100
150 148.3 128.9 193.3
115 54.4 51.0 76.6



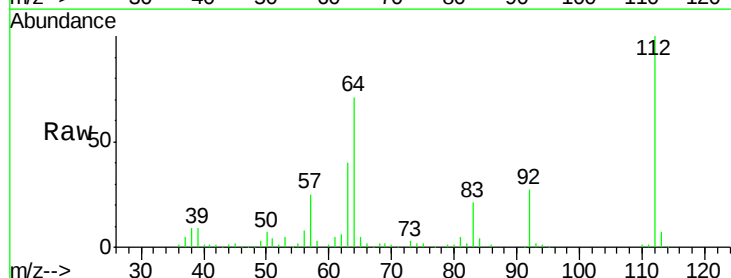
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



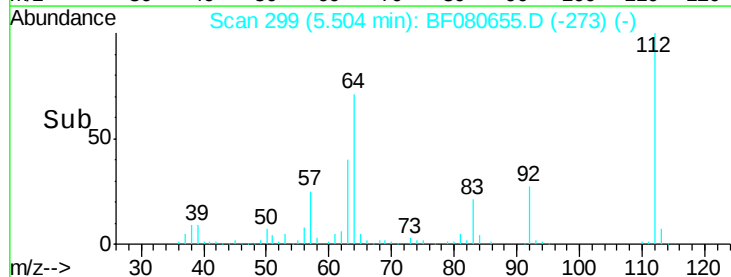
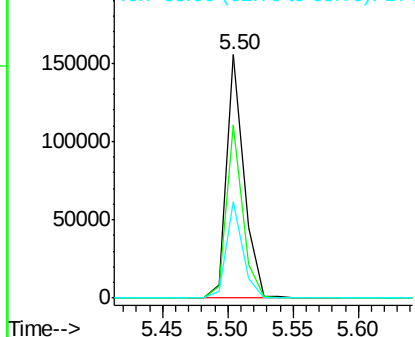
#5

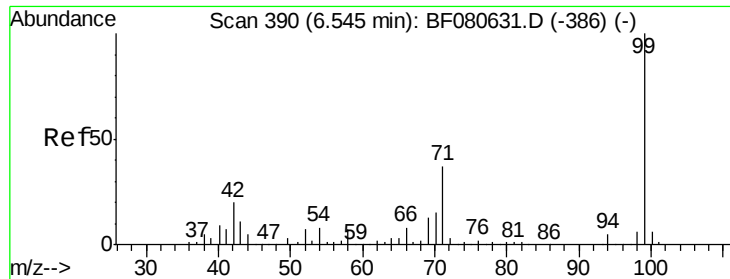
2-Fluorophenol
Concen: 44.84 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

Tgt Ion:112 Resp: 145397
Ion Ratio Lower Upper
112 100
64 71.3 51.2 76.8
63 39.8 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: 25.95 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

Instrument :

BNA_F

ClientSampleId :

MW-7-7-22-15

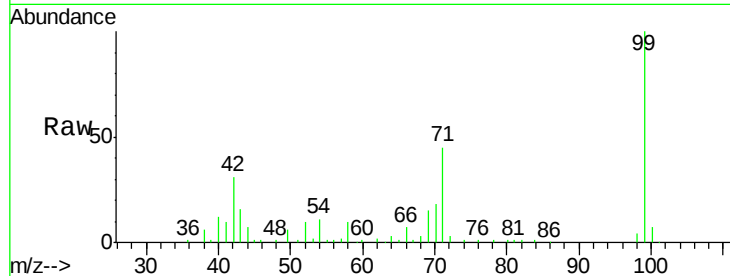
Tgt Ion: 99 Resp: 100503

Ion Ratio Lower Upper

99 100

42 30.8 16.3 24.5#

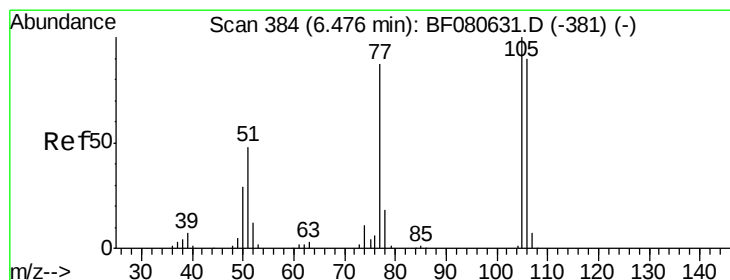
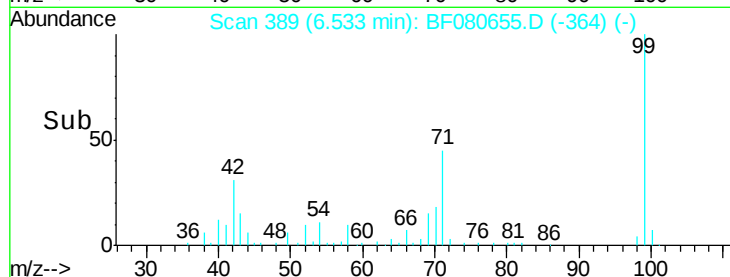
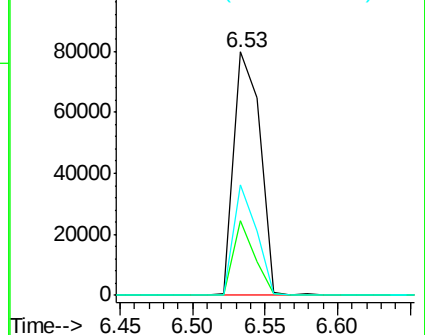
71 45.4 29.7 44.5#



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: 3.27 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

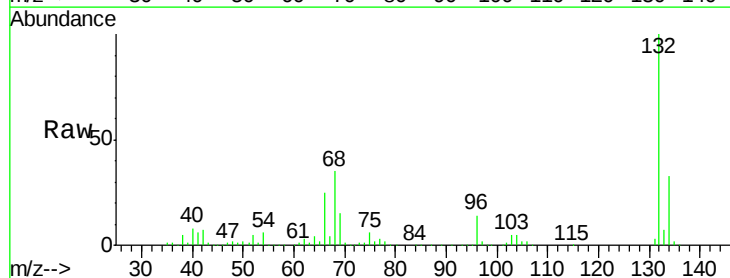
Tgt Ion: 77 Resp: 8284

Ion Ratio Lower Upper

77 100

105 79.3 94.7 134.7#

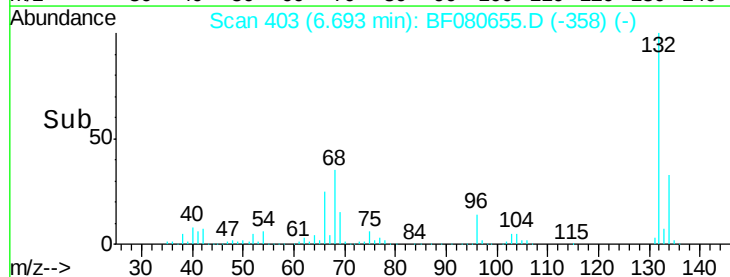
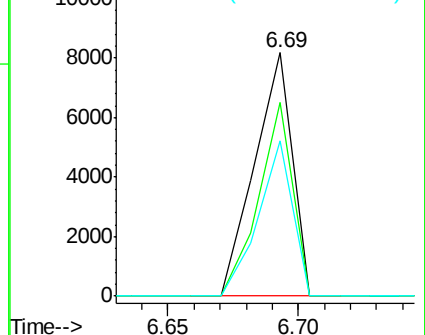
106 63.5 83.4 123.4#

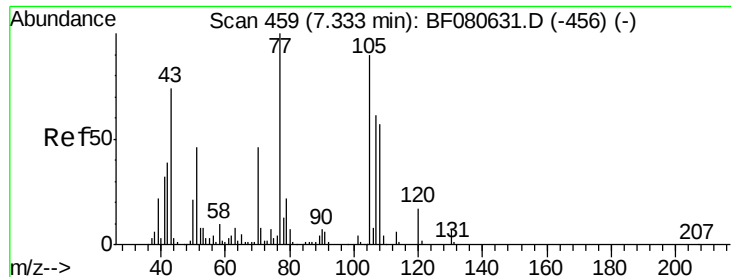


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

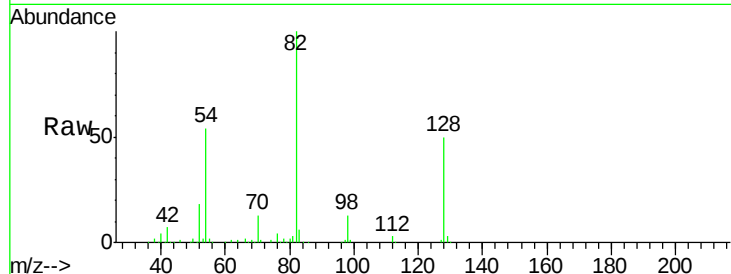




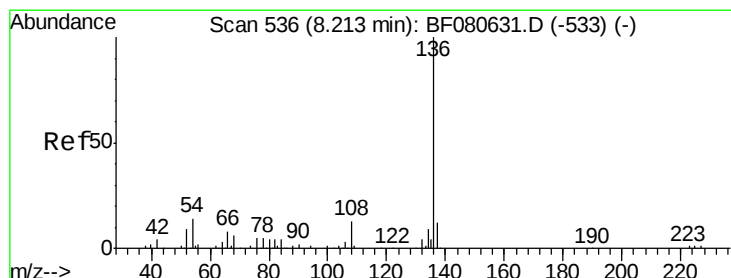
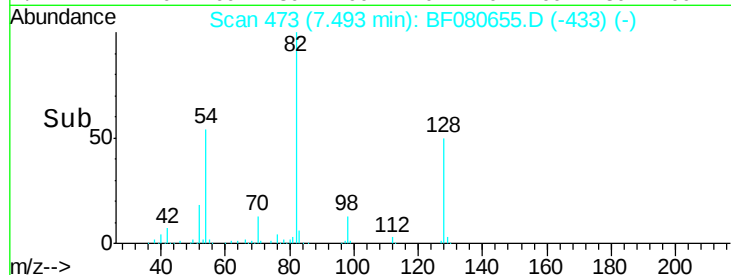
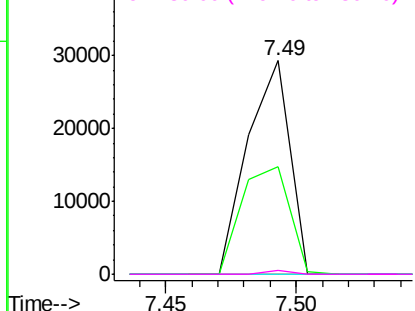
#19
n-Nitroso-di-n-propylamine
Concen: 11.90 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

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

Tgt Ion: 70 Resp: 33248
Ion Ratio Lower Upper
70 100
42 50.5 67.8 101.8#
101 0.0 6.6 9.8#
130 2.1 11.4 17.0#

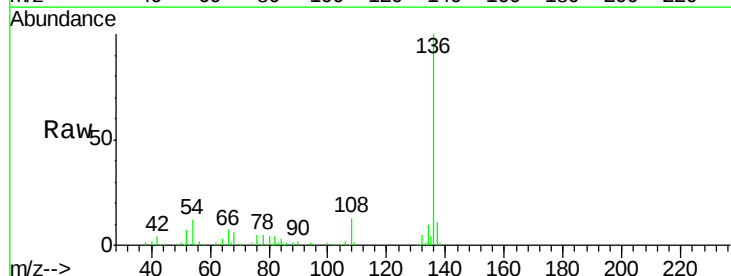


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

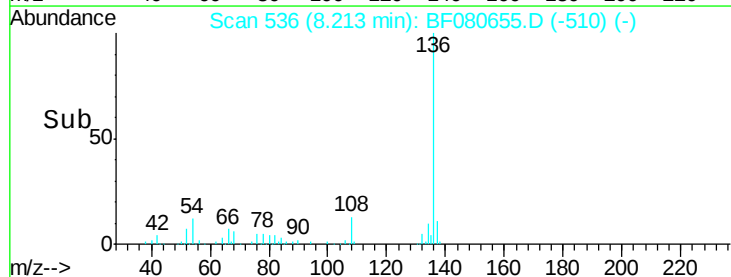
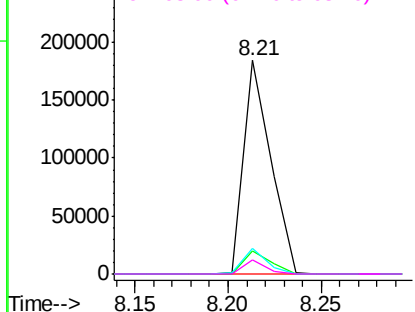


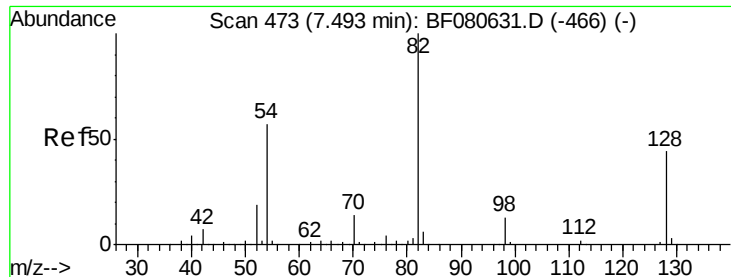
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

Tgt Ion: 136 Resp: 185305
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 12.2 11.6 17.4
68 6.3 5.0 7.4



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

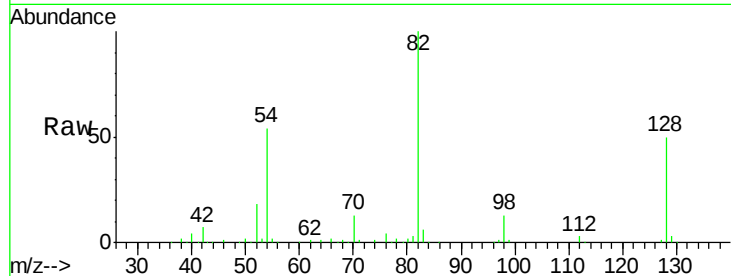




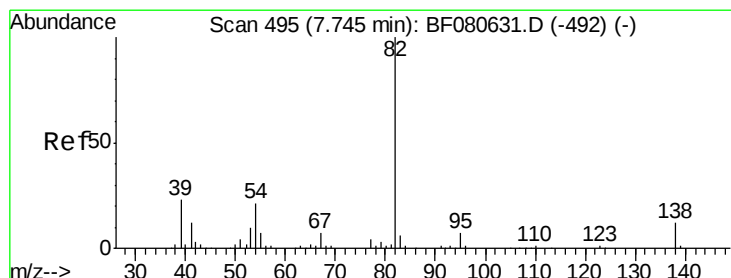
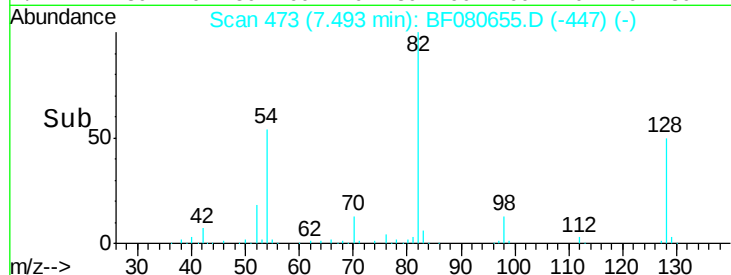
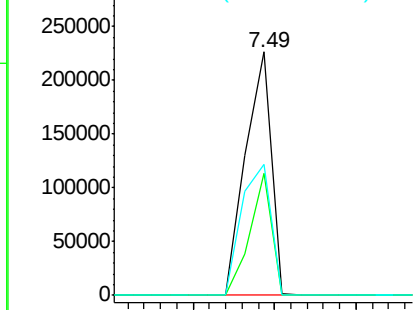
#23
 Nitrobenzene-d5
 Concen: 66.73 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.8	52.2
54	53.9	45.4	68.0

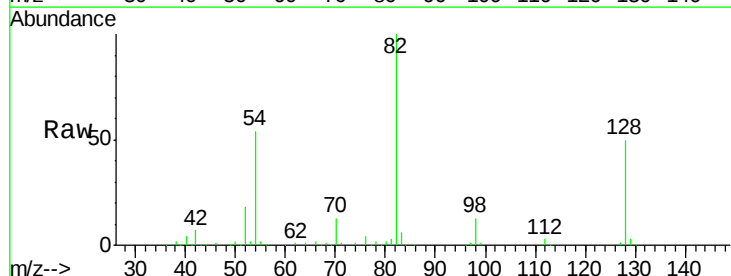


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

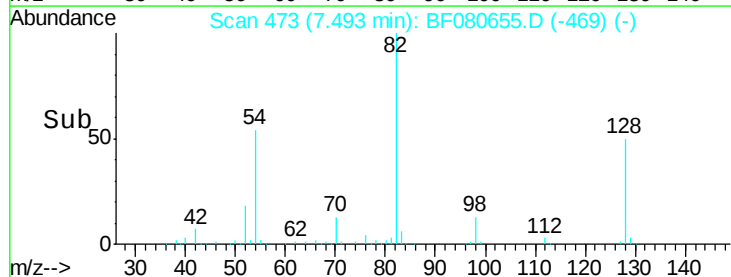
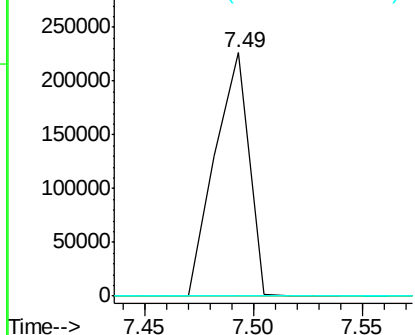


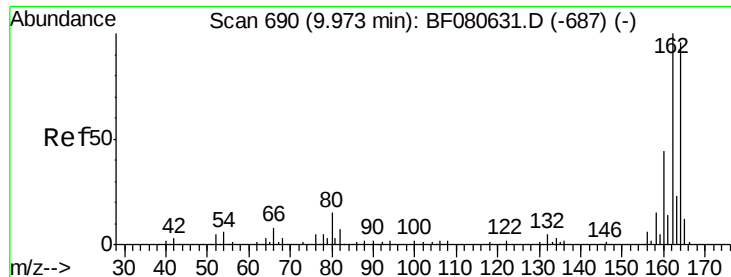
#25
 Isophorone
 Concen: 38.00 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.25 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

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: BF080655.D

Acq: 25 Jul 2015 7:27

Instrument :

BNA_F

ClientSampleId :

MW-7-7-22-15

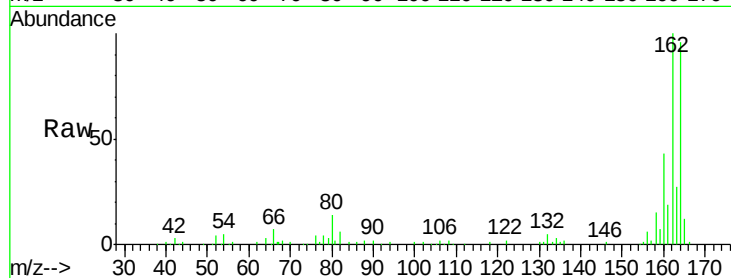
Tgt Ion:164 Resp: 98464

Ion Ratio Lower Upper

164 100

162 104.0 83.3 124.9

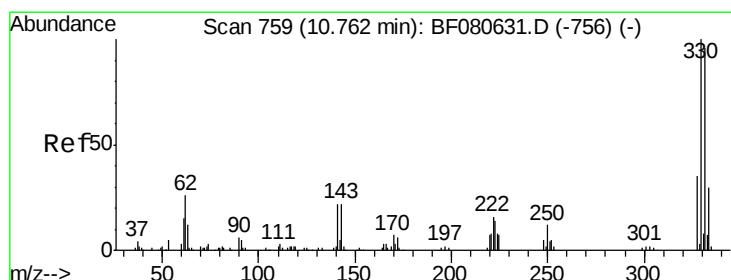
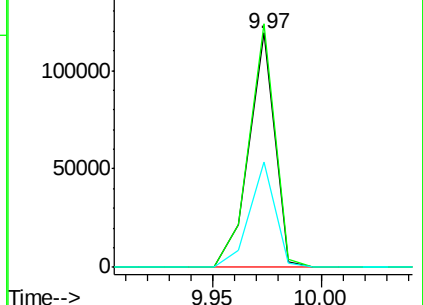
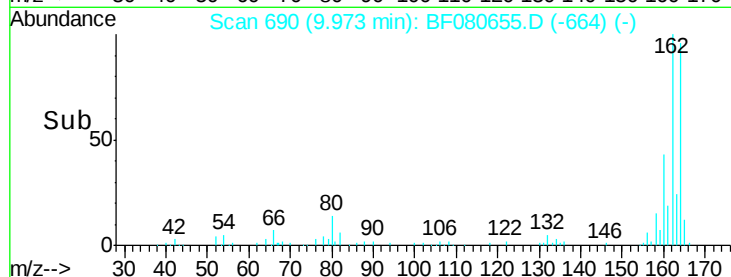
160 44.8 36.9 55.3



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: 100.20 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

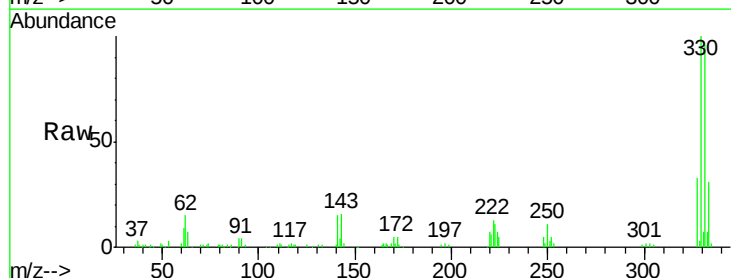
Tgt Ion:330 Resp: 88644

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

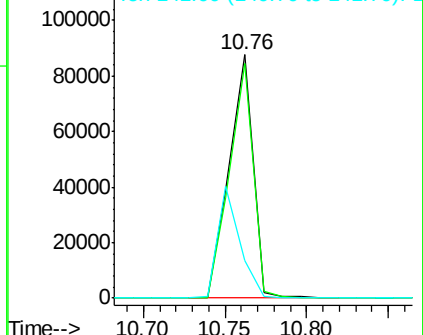
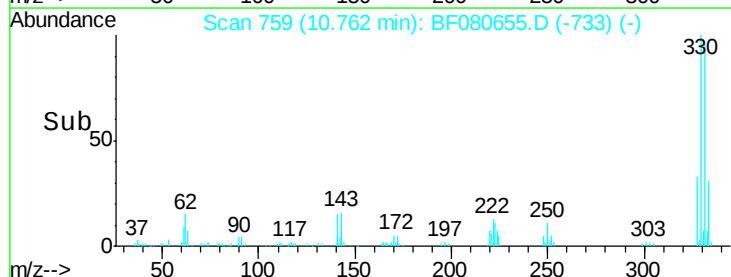
141 42.4 32.7 49.1

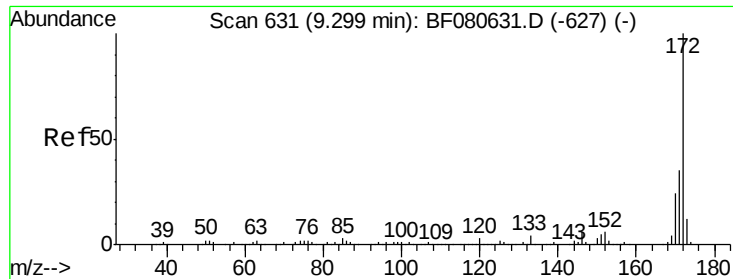


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

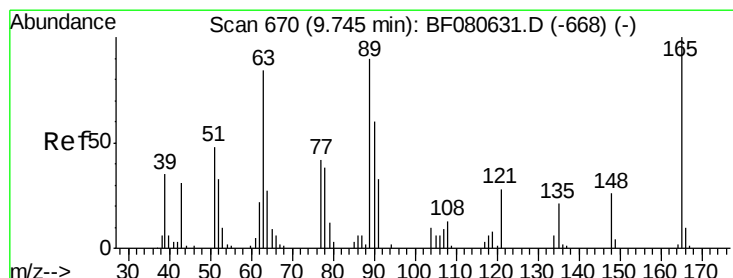
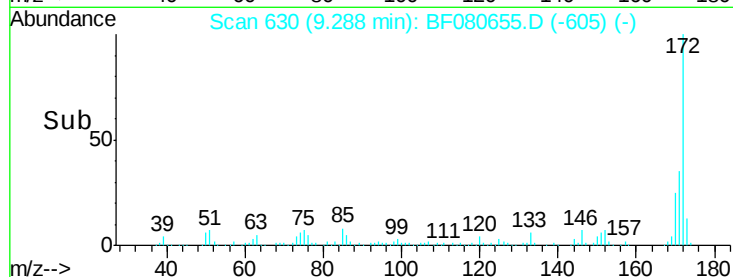
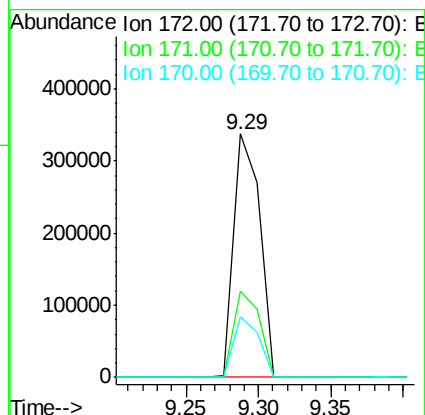
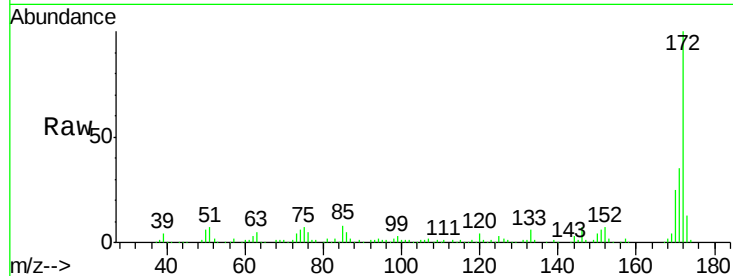




#44
 2-Fluorobiphenyl
 Concen: 65.87 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

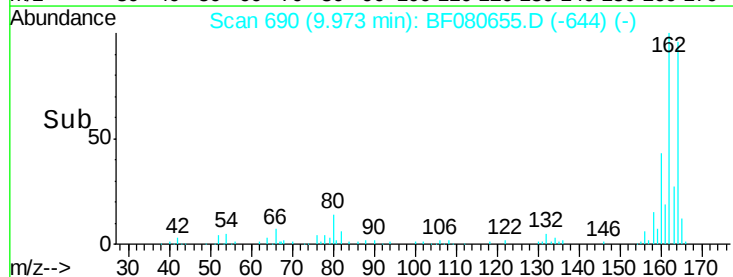
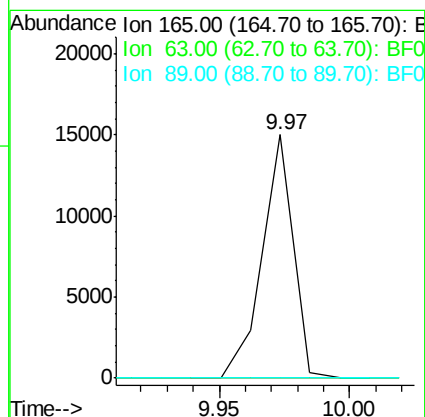
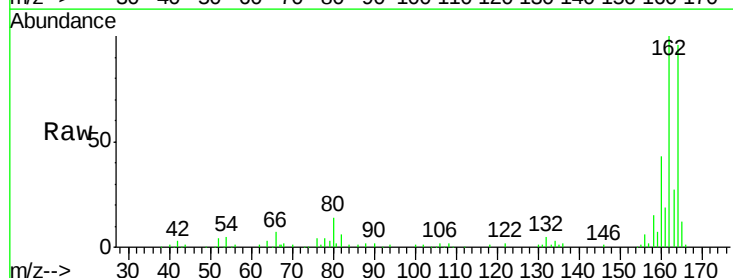
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-7-22-15

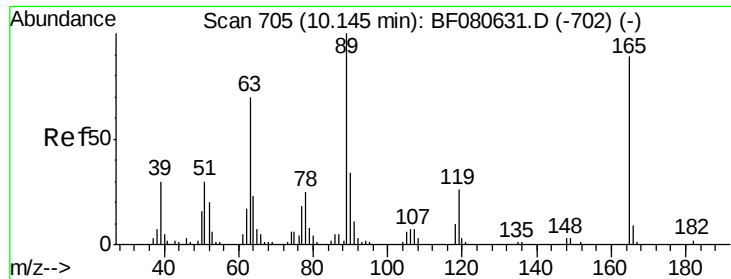
Tgt Ion:172 Resp: 420361
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.7 41.5
 170 24.9 19.0 28.4



#50
 2,6-Dinitrotoluene
 Concen: 9.99 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

Tgt Ion:165 Resp: 12564
 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: 7.56 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.17 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

Instrument :

BNA_F

ClientSampleId :

MW-7-7-22-15

Tgt Ion:165 Resp: 12564

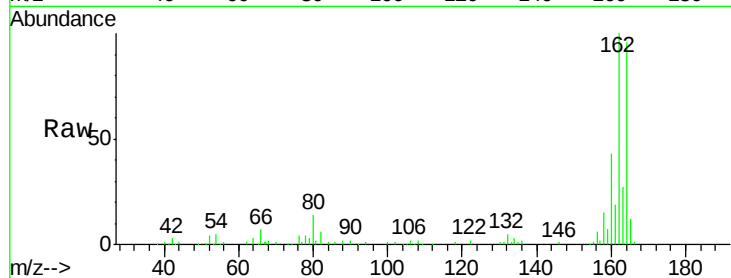
Ion Ratio Lower Upper

165 100

63 0.0 63.0 94.4#

89 0.0 90.2 135.2#

182 0.0 1.6 2.4#

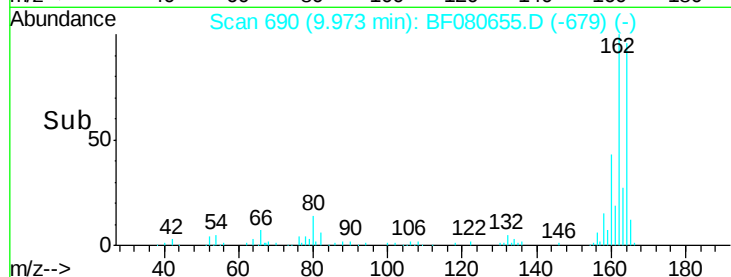


Abundance Ion 165.00 (164.70 to 165.70): E

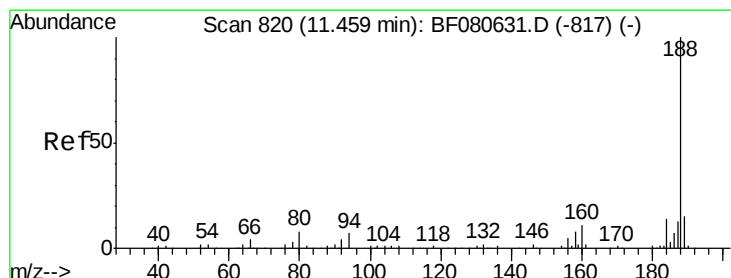
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

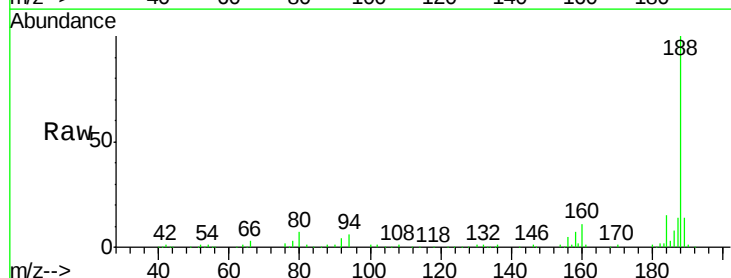
Tgt Ion:188 Resp: 170704

Ion Ratio Lower Upper

188 100

94 6.2 5.6 8.4

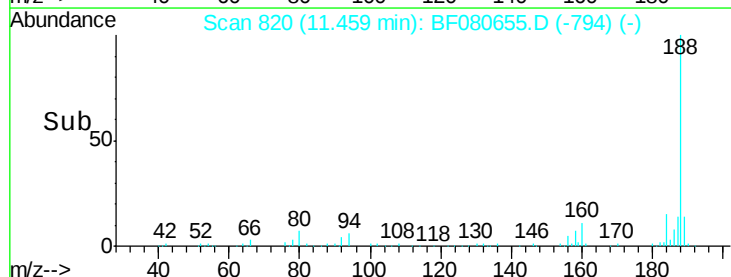
80 6.8 6.1 9.1



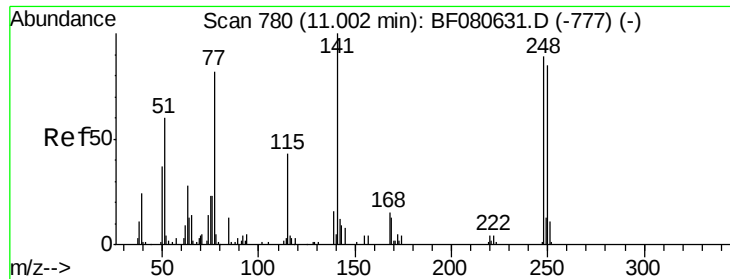
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



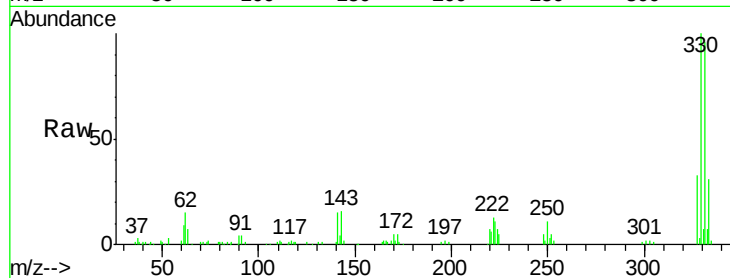
Time-->



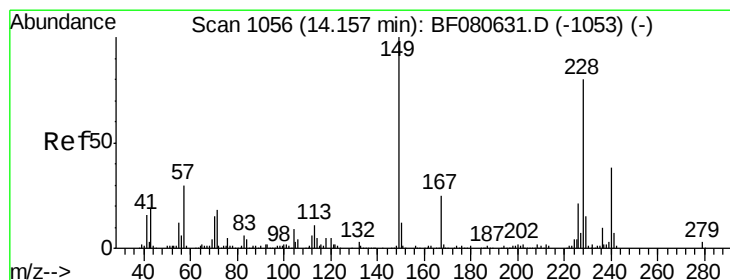
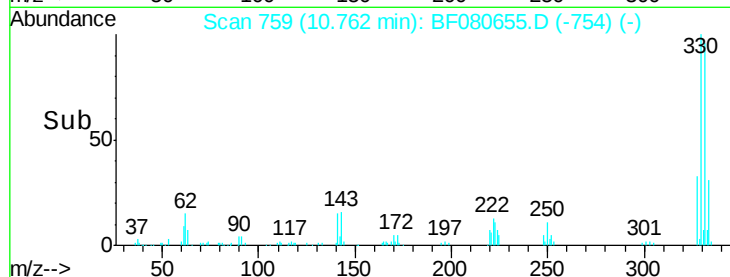
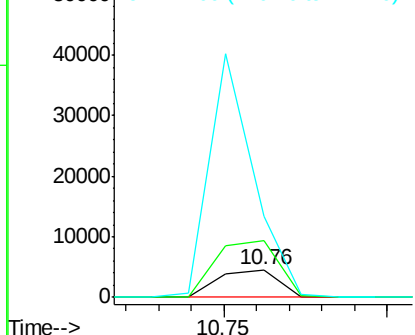
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

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

Tgt Ion:248 Resp: 5816
Ion Ratio Lower Upper
248 100
250 207.1 76.6 114.8#
141 294.3 90.0 135.0#

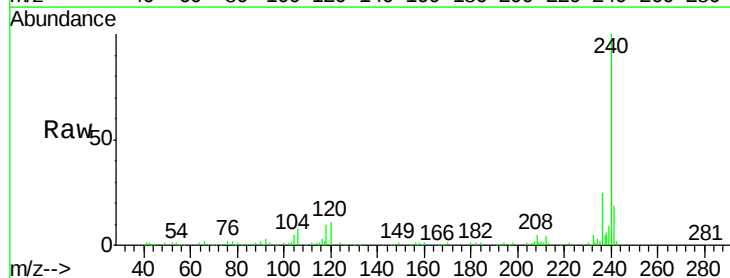


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

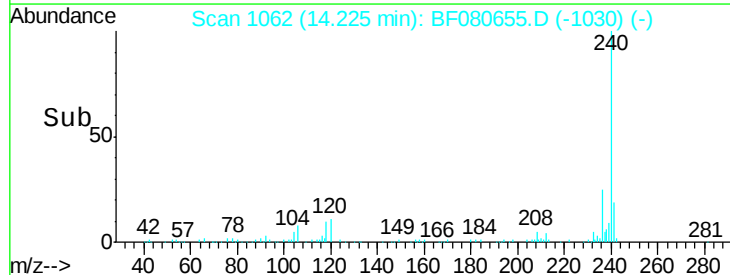
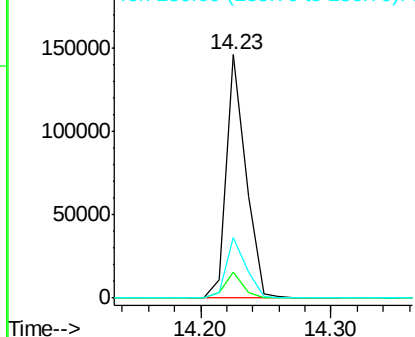


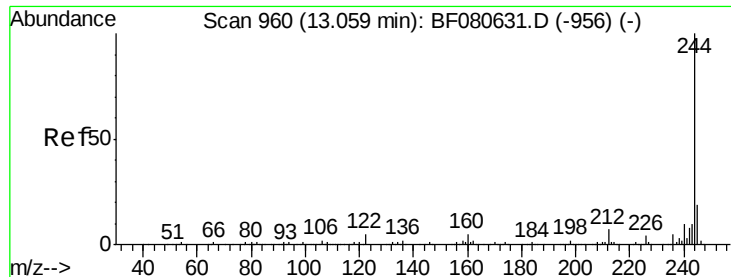
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.23 min Scan# 1062
Delta R.T. 0.07 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

Tgt Ion:240 Resp: 152964
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.1 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

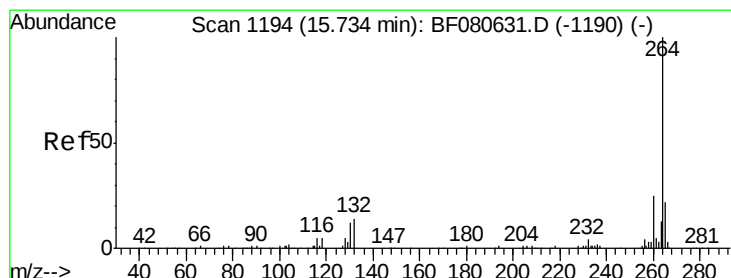
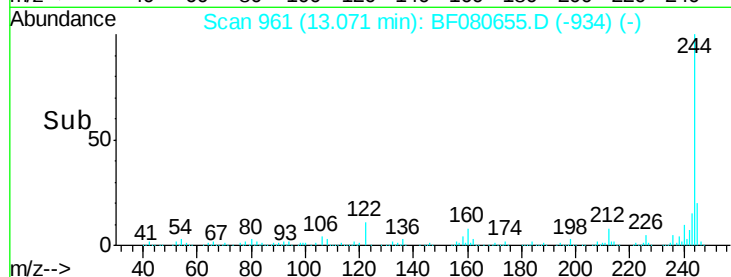
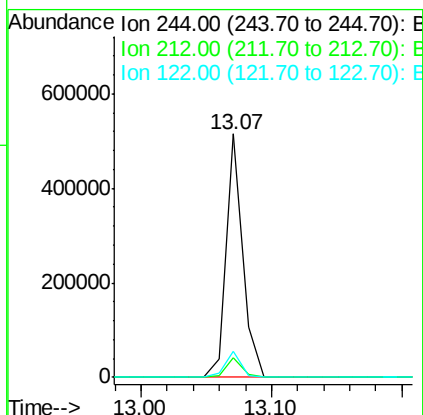
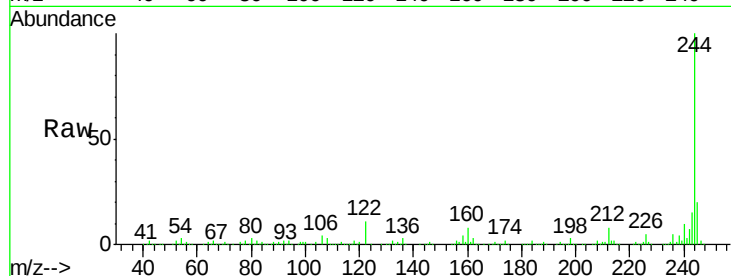




#78
 Terphenyl-d14
 Concen: 64.22 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

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

Tgt Ion:244 Resp: 456241
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.2 7.8#
 122 10.9 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1206
 Delta R.T. 0.14 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

Tgt Ion:264 Resp: 140108
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 21.6 17.4 26.0

