

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077970.D
 Acq On : 26 Mar 2015 00:10
 Operator : TP/IZ
 Sample : G1643-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-23-15

Quant Time: Mar 26 00:10:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42085	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175117	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	89288	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	171120	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	193568	20.00	ng	-0.02
86) Perylene-d12	17.68	264	188413	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	130665	54.19	ng	0.00
7) Phenol-d6	6.67	99	100473	33.73	ng	0.00
23) Nitrobenzene-d5	7.79	82	225992	84.60	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	93354	109.28	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	478708	78.79	ng	0.00
78) Terphenyl-d14	14.67	244	555608	70.11	ng	0.00

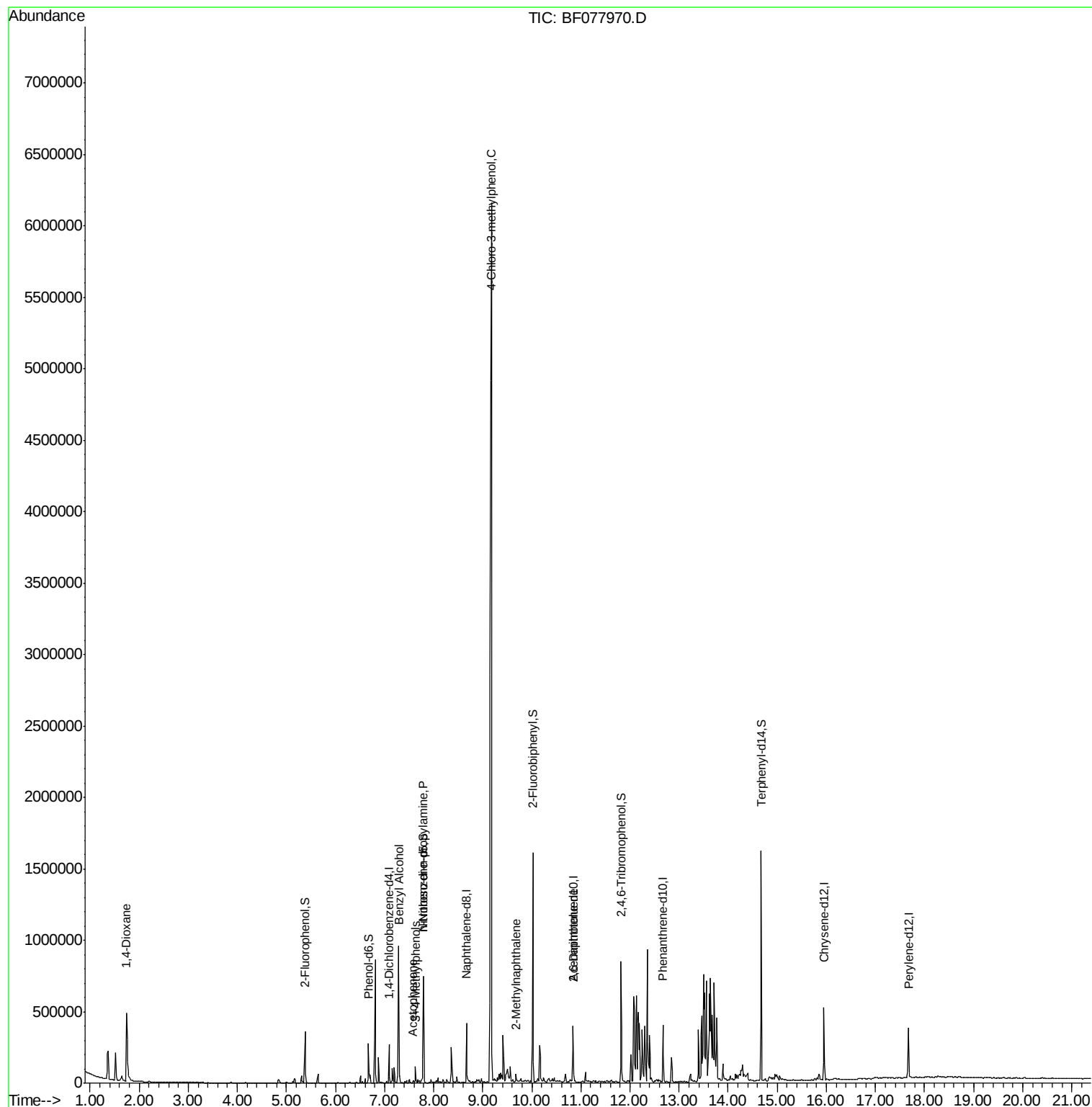
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.74	88	21188	19.36	ng	# 100
15) Benzyl Alcohol	7.29	79	8583	3.69	ng	# 1
19) n-Nitroso-di-n-propylamine	7.79	70	29208	14.17	ng	# 79
20) 3+4-Methylphenols	7.63	107	32322	10.54	ng	# 85
22) Acetophenone	7.58	105	9581	2.47	ng	# 57
36) 4-Chloro-3-methylphenol	9.17	107	4912732	1995.51	ng	# 14
37) 2-Methylnaphthalene	9.68	142	14834	2.46	ng	# 97
50) 2,6-Dinitrotoluene	10.84	165	11626	8.47	ng	# 24

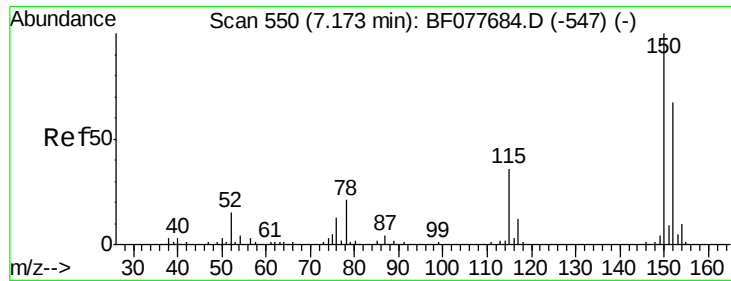
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleId :

MW-9-3-23-15

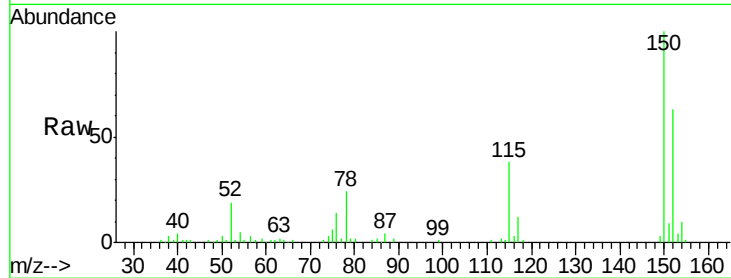
Tgt Ion:152 Resp: 42085

Ion Ratio Lower Upper

152 100

150 157.7 119.5 179.3

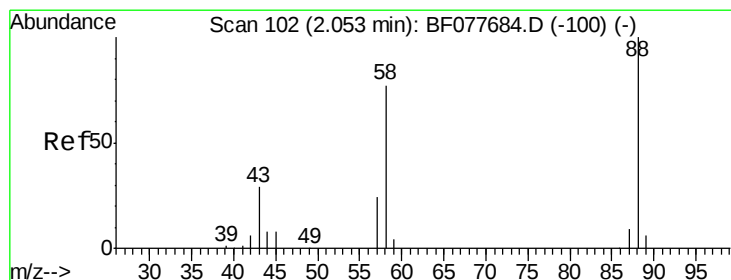
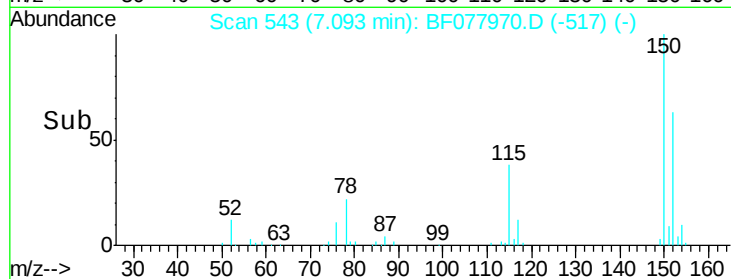
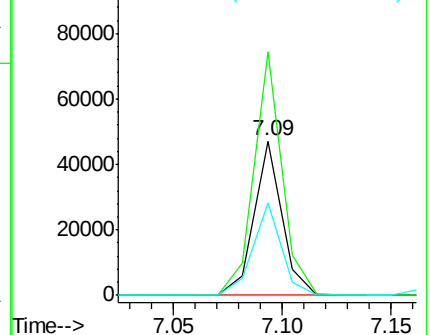
115 59.6 43.0 64.4



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



#2

1,4-Dioxane

Concen: 19.36 ng

RT: 1.74 min Scan# 75

Delta R.T. -0.19 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

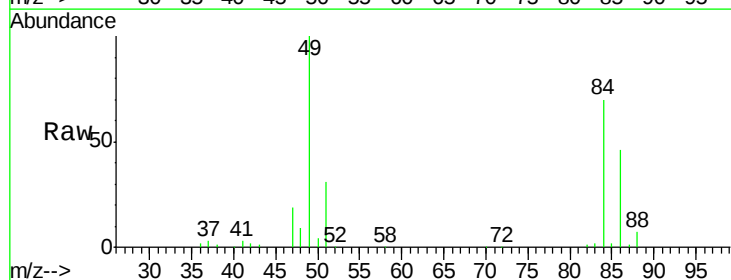
Tgt Ion: 88 Resp: 21188

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

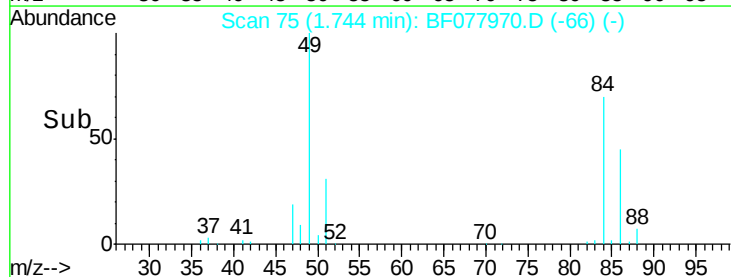
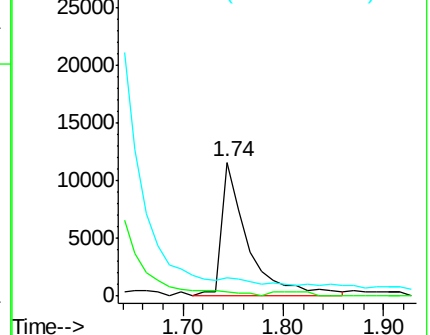
43 0.0 0.0 0.0

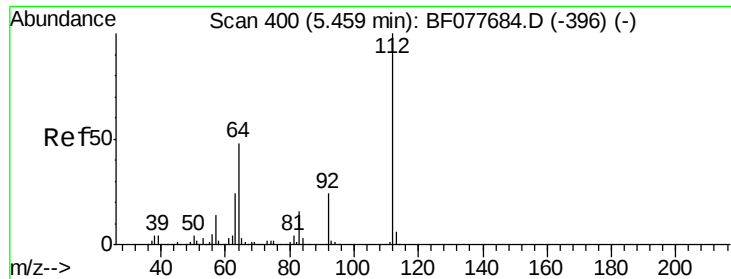


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.19 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleId :

MW-9-3-23-15

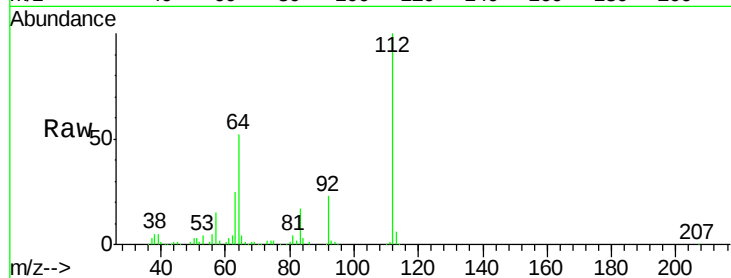
Tgt Ion: 112 Resp: 130665

Ion Ratio Lower Upper

112 100

64 51.8 38.6 57.8

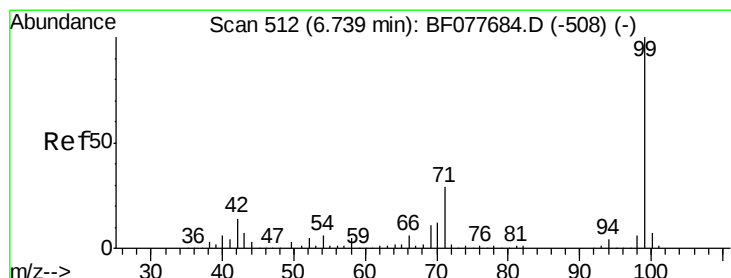
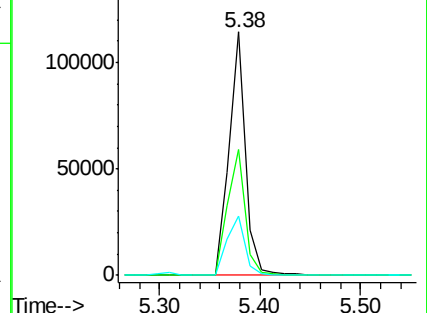
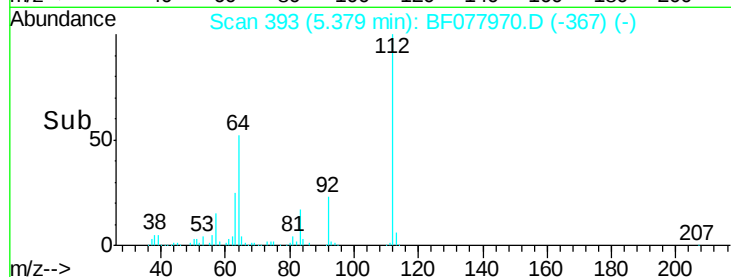
63 24.6 19.3 28.9



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: 33.73 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

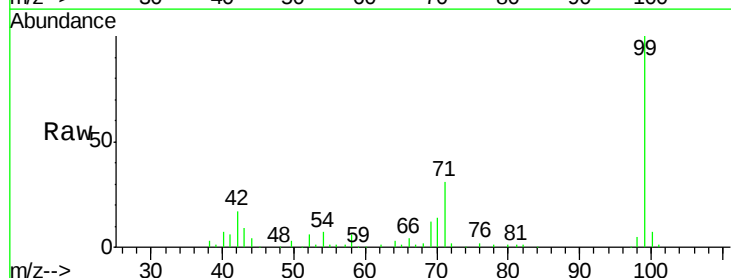
Tgt Ion: 99 Resp: 100473

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

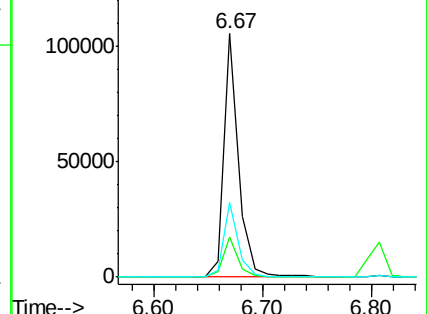
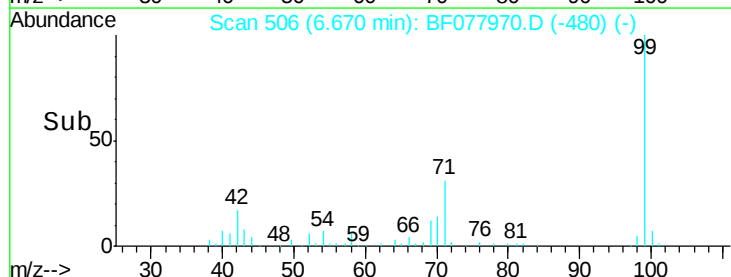
71 30.9 23.4 35.2

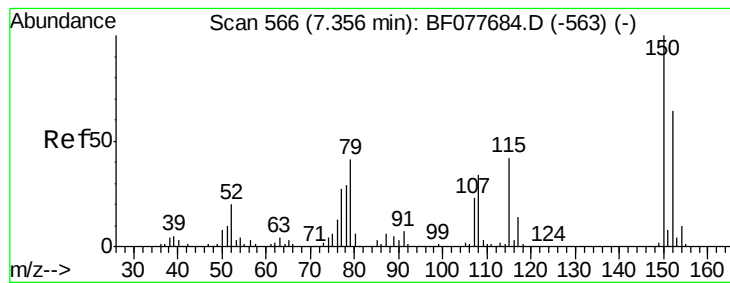


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 3.69 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleId :

MW-9-3-23-15

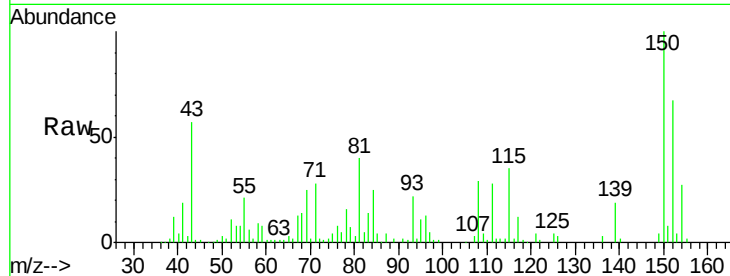
Tgt Ion: 79 Resp: 8583

Ion Ratio Lower Upper

79 100

108 428.1 65.0 97.4#

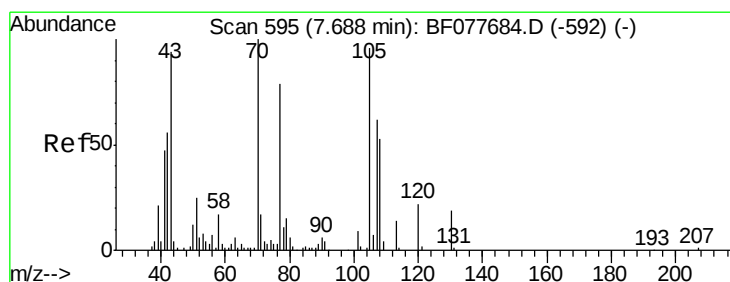
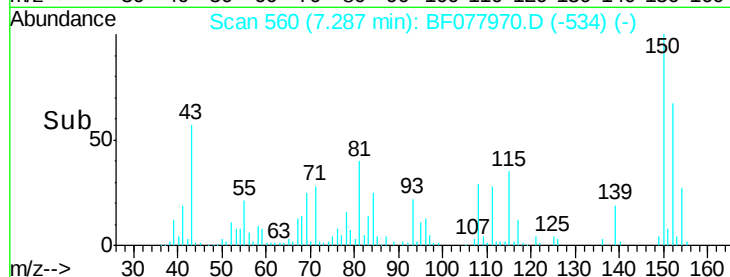
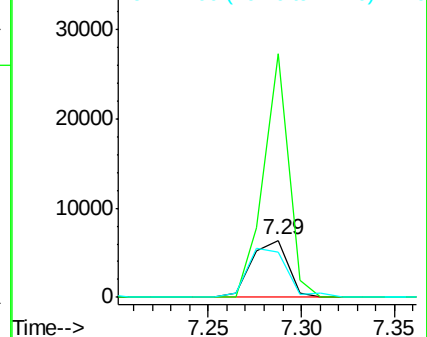
77 78.9 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.17 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Tgt Ion: 70 Resp: 29208

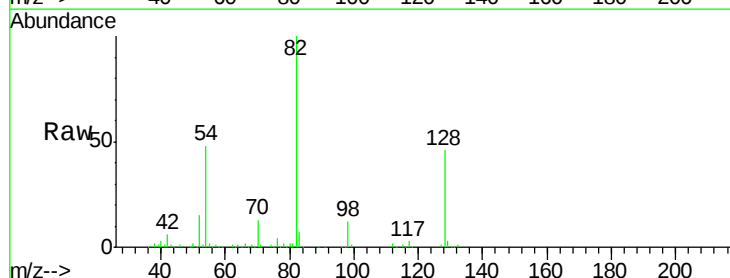
Ion Ratio Lower Upper

70 100

42 44.1 44.5 66.7#

101 0.0 7.4 11.2#

130 2.9 15.3 22.9#

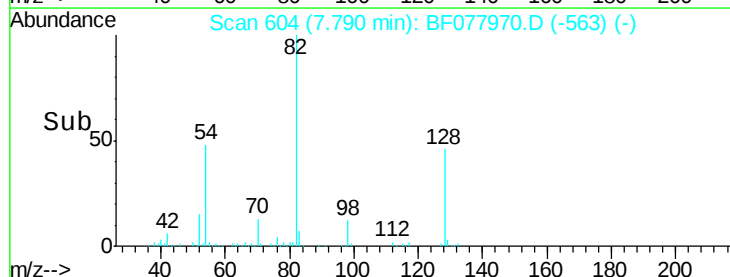
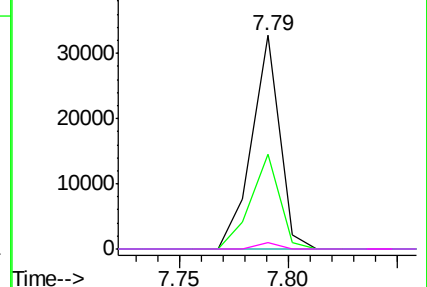


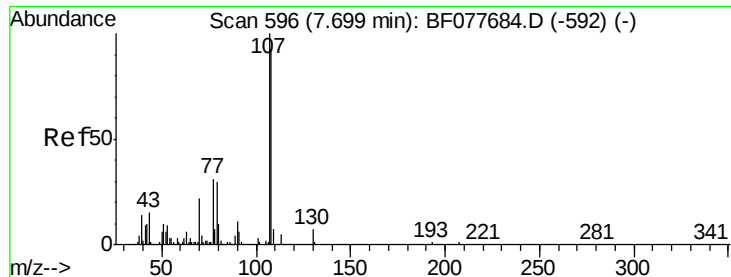
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

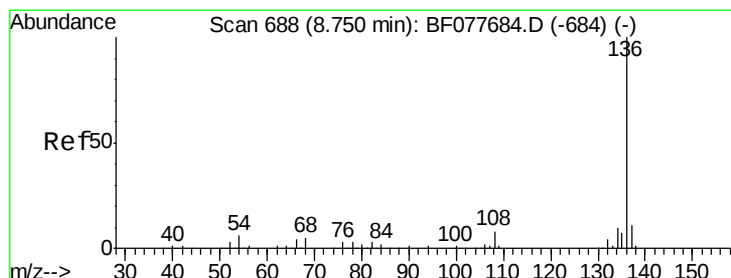
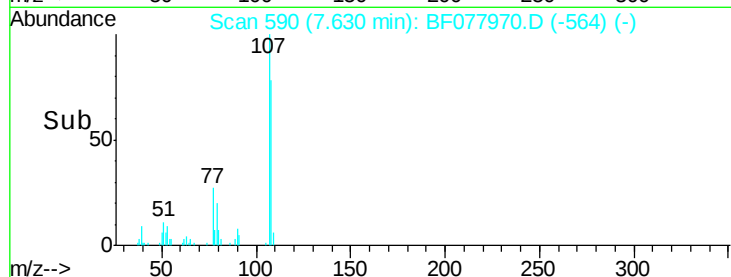
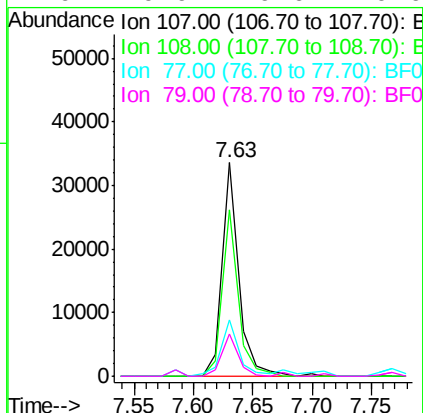
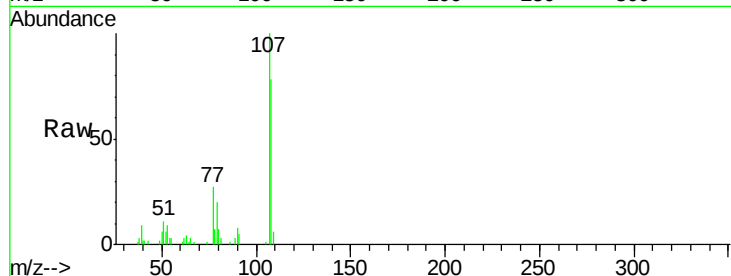




#20
3+4-Methylphenols
Concen: 10.54 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

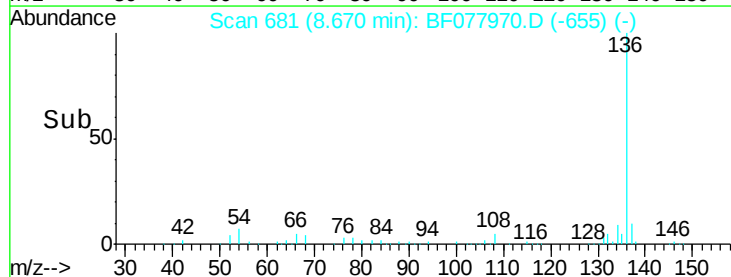
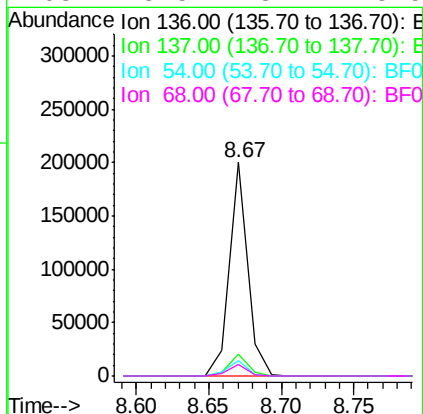
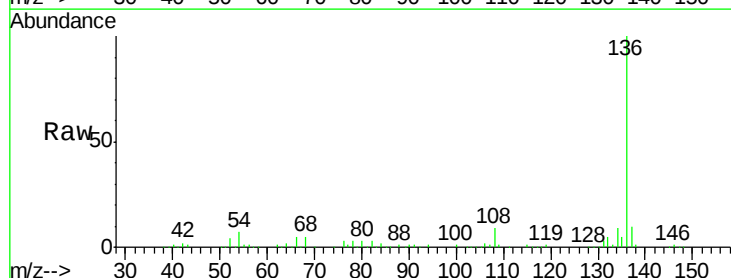
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MW-9-3-23-15

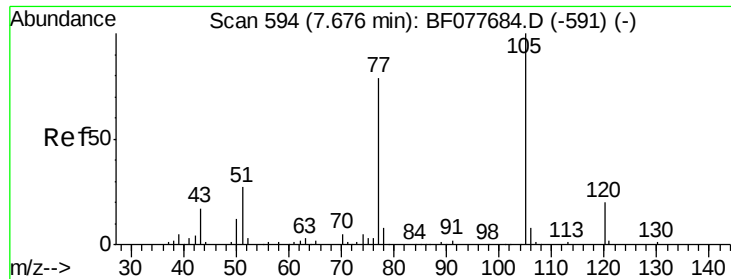
Tgt Ion:	107	Resp:	32322
Ion	Ratio	Lower	Upper
107	100		
108	77.7	73.2	113.2
77	26.5	10.7	50.7
79	19.9	9.6	49.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion:	136	Resp:	175117
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.0	4.6	6.8#
68	5.5	3.7	5.5

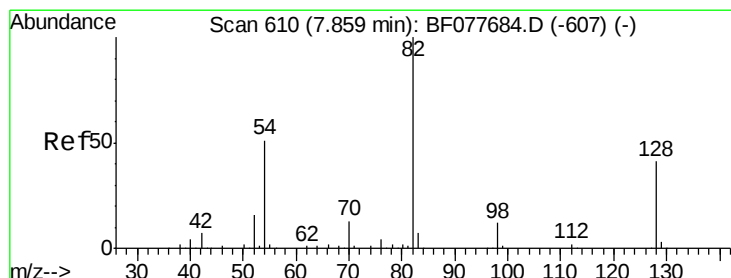
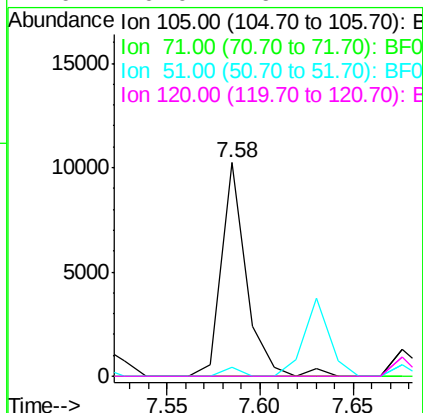
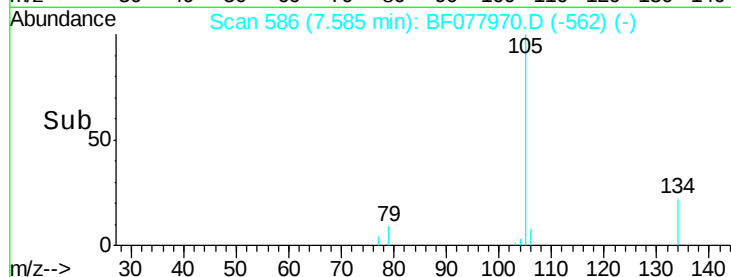
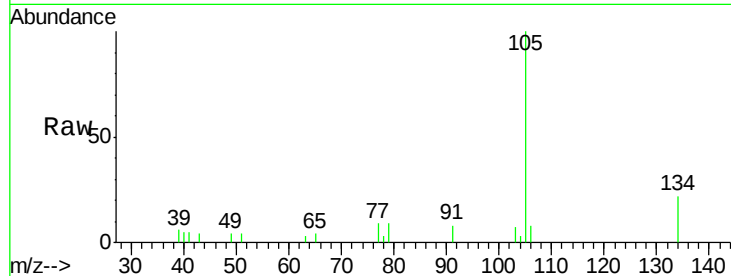




#22
Acetophenone
Concen: 2.47 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

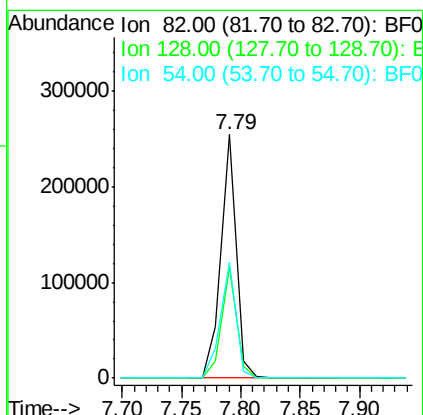
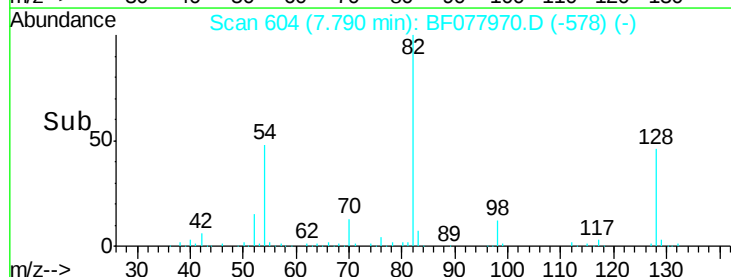
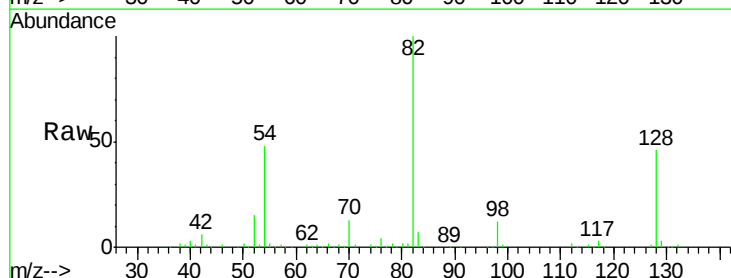
Instrument :
BNA_F
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MW-9-3-23-15

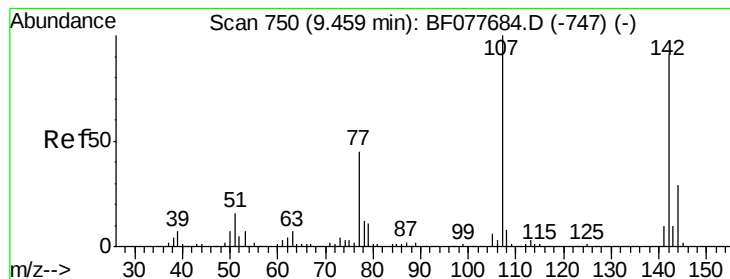
Tgt Ion: 105 Resp: 9581
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 4.2 21.6 32.4#
120 0.0 16.1 24.1#



#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion: 82 Resp: 225992
Ion Ratio Lower Upper
82 100
128 45.6 32.8 49.2
54 47.7 40.6 60.8





#36

4-Chloro-3-methylphenol

Concen: 1995.51 ng

RT: 9.17 min Scan# 725

Delta R.T. -0.23 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleId :

MW-9-3-23-15

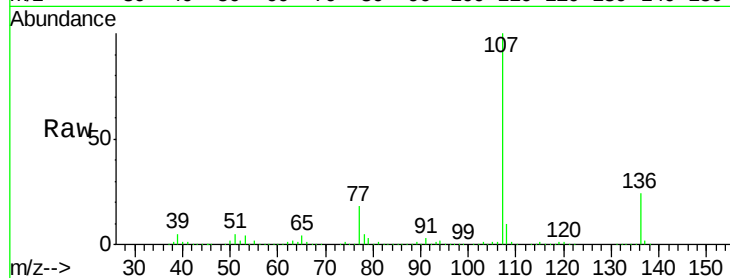
Tgt Ion:107 Resp: 4912732

Ion Ratio Lower Upper

107 100

144 0.0 23.3 34.9#

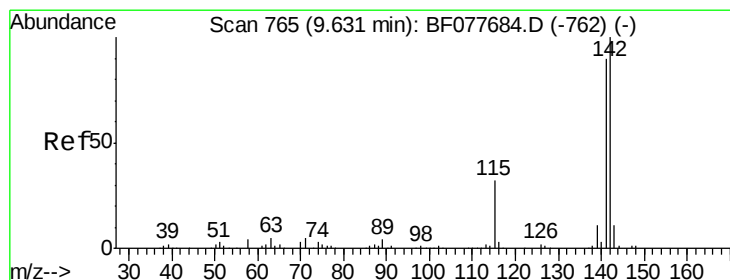
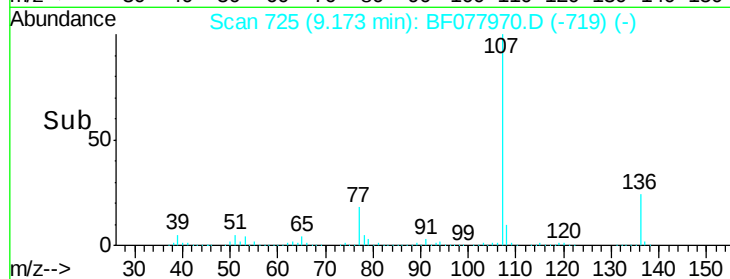
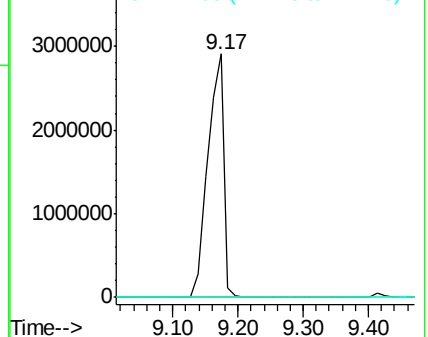
142 0.0 72.6 109.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 2.46 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.11 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

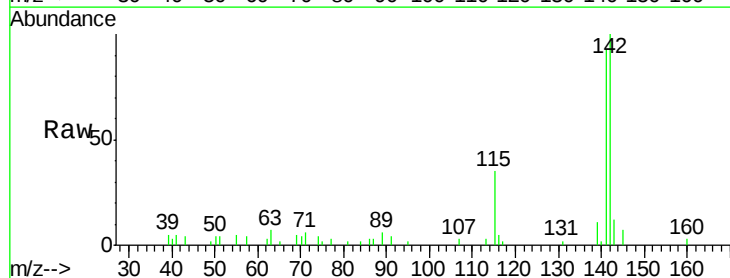
Tgt Ion:142 Resp: 14834

Ion Ratio Lower Upper

142 100

141 92.5 71.9 107.9

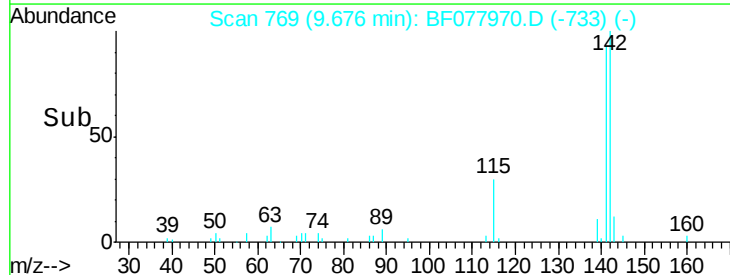
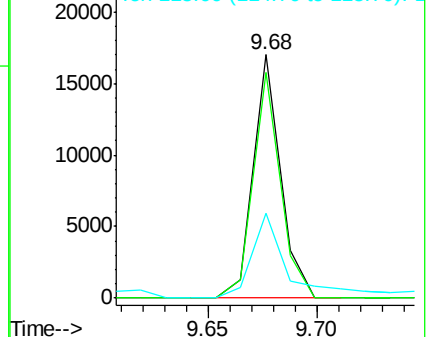
115 34.7 25.4 38.0

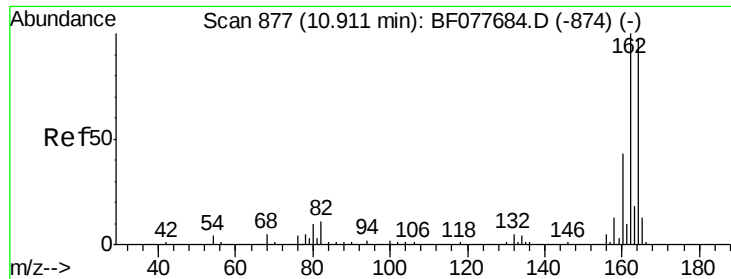


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

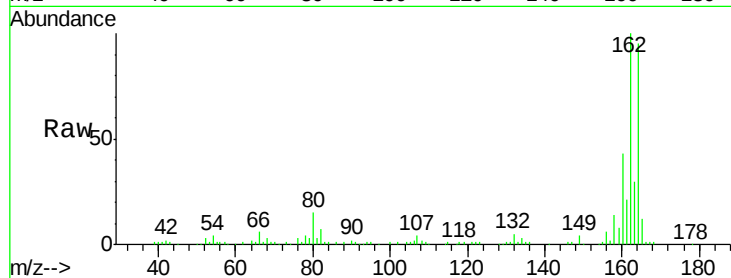




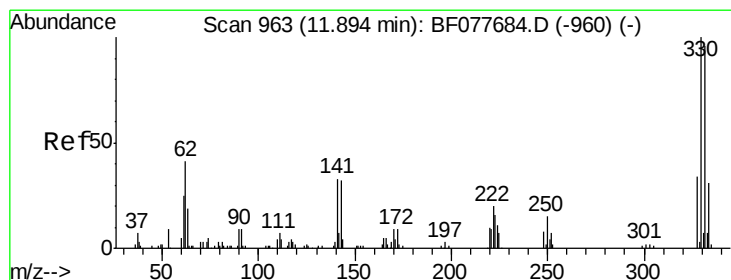
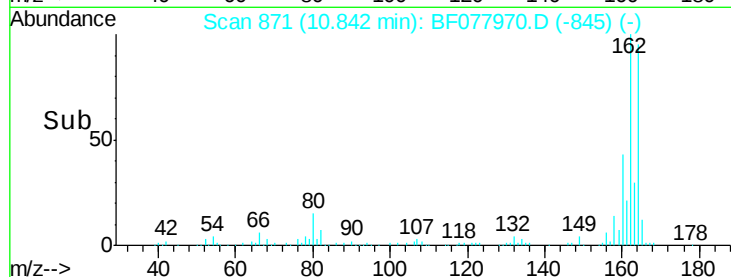
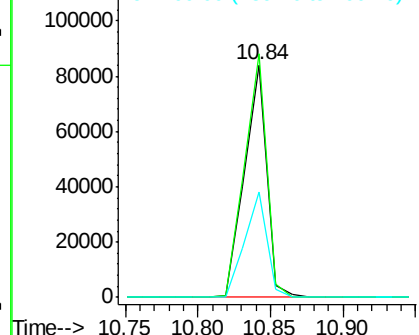
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Instrument :
BNA_F
ClientSampleId :
MW-9-3-23-15

Tgt Ion:164 Resp: 89288
Ion Ratio Lower Upper
164 100
162 104.7 82.4 123.6
160 45.2 35.8 53.6

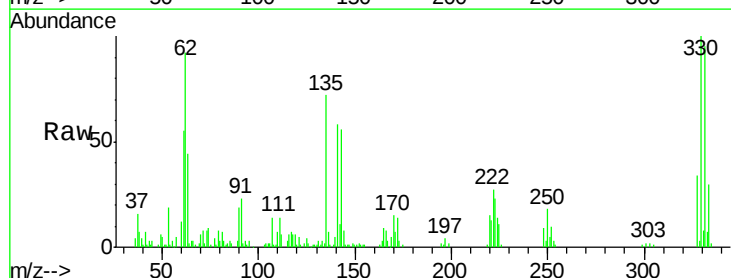


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

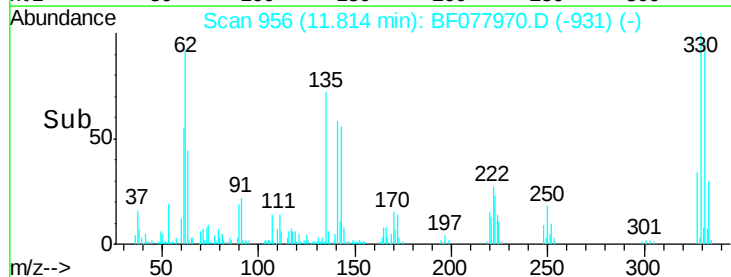
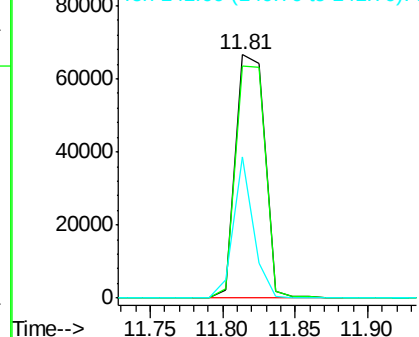


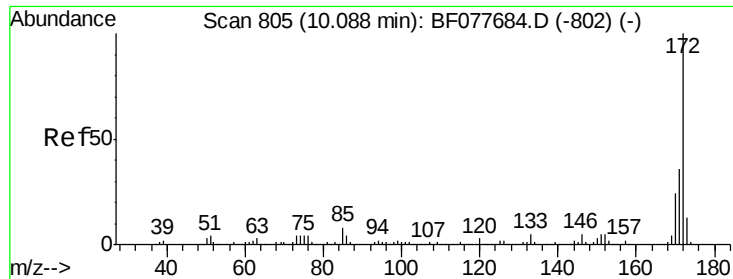
#41
2,4,6-Tribromophenol
Concen: 109.28 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion:330 Resp: 93354
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 39.5 0.0 0.0#



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

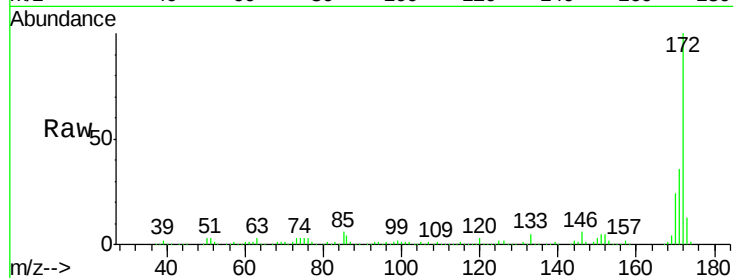




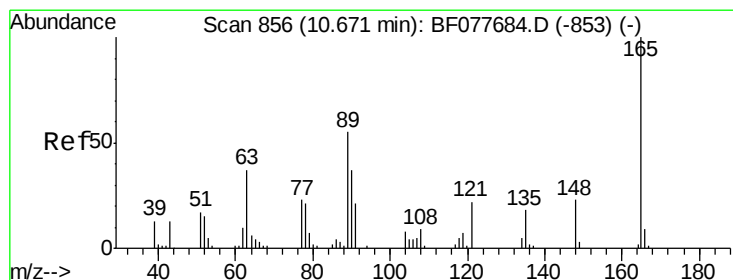
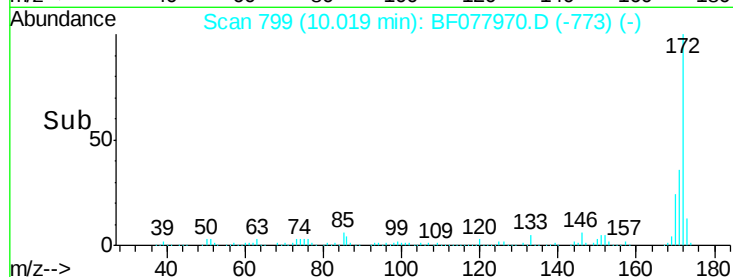
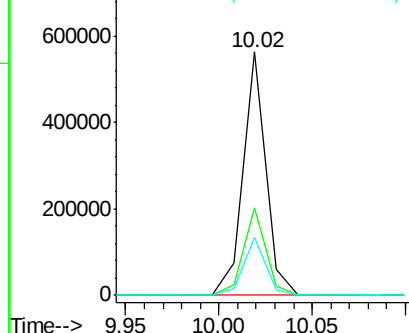
#44
2-Fluorobiphenyl
Concen: 78.79 ng
RT: 10.02 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Instrument :
BNA_F
ClientSampleId :
MW-9-3-23-15

Tgt Ion:172 Resp: 478708
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.6 18.8 28.2

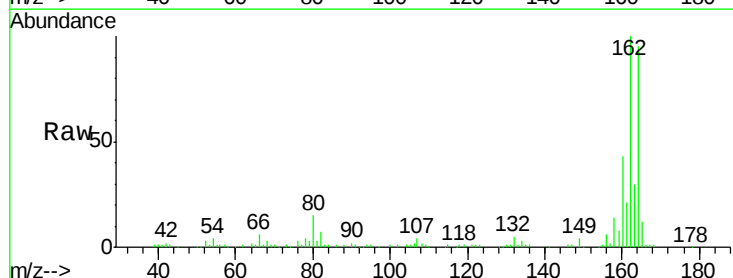


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

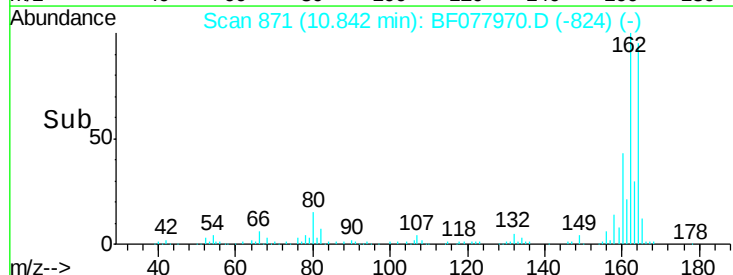
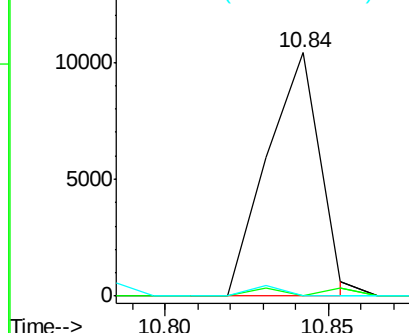


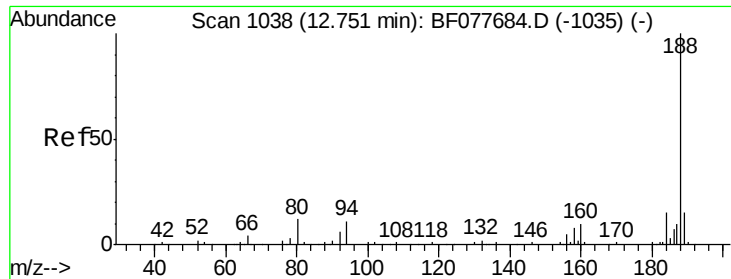
#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.24 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion:165 Resp: 11626
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 0.0 44.3 66.5#



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

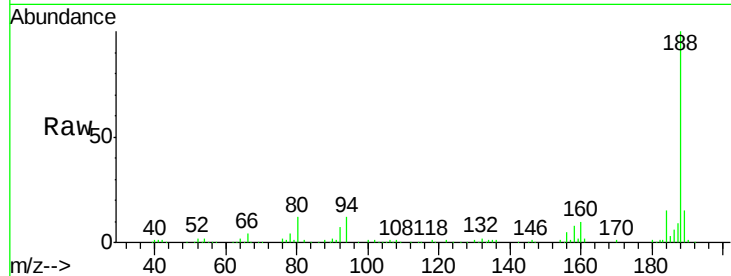




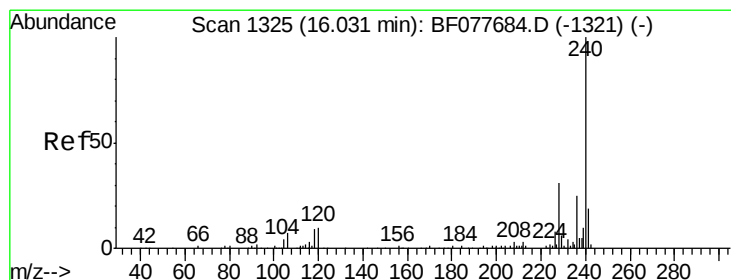
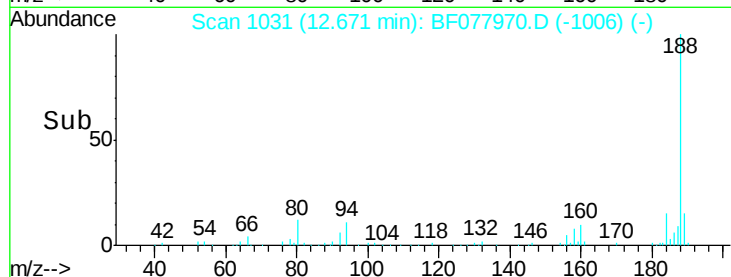
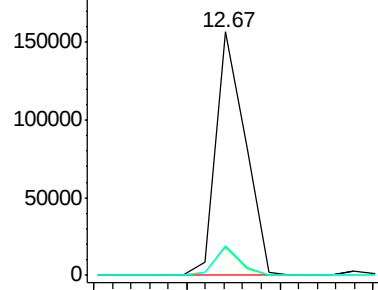
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Instrument :
BNA_F
ClientSampleId :
MW-9-3-23-15

Tgt Ion:188 Resp: 171120
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 12.4 9.3 13.9

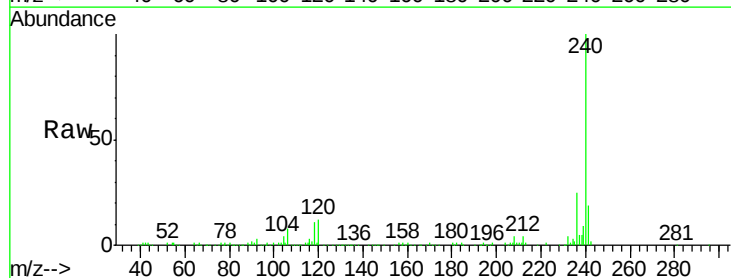


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

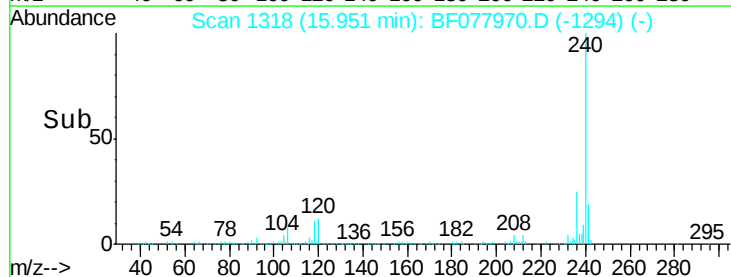
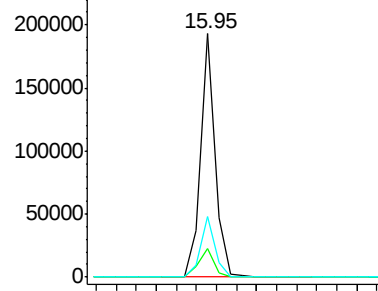


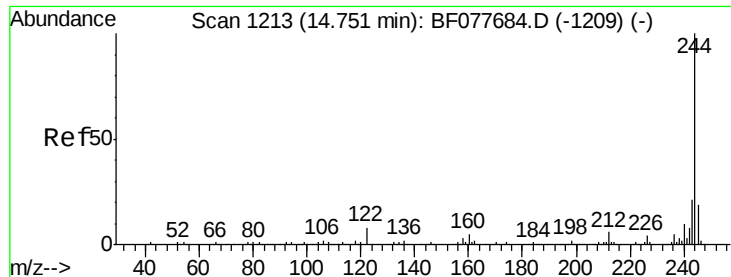
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion:240 Resp: 193568
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 24.8 20.0 30.0



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

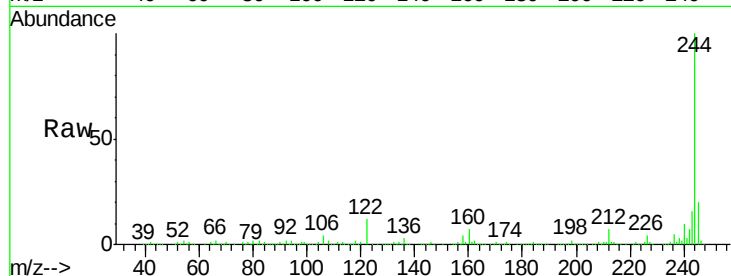




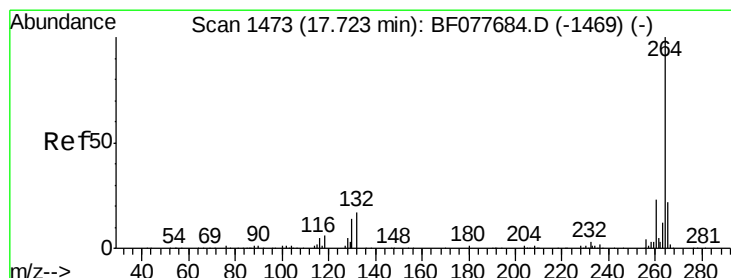
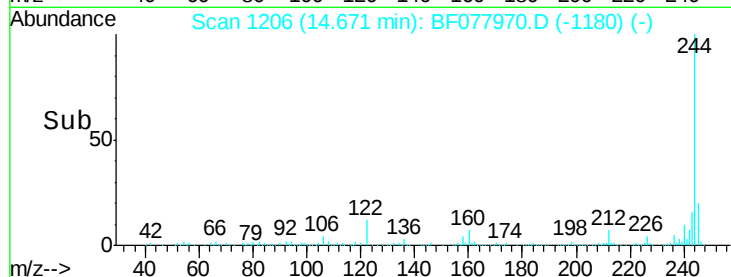
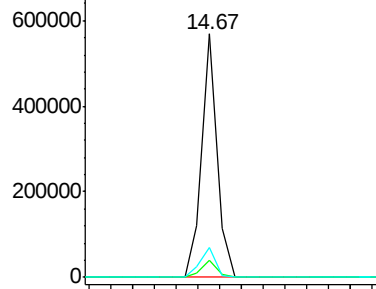
#78
 Terphenyl-d14
 Concen: 70.11 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077970.D
 Acq: 26 Mar 2015 00:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-23-15

Tgt Ion: 244 Resp: 555608
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 12.0 6.2 9.4#

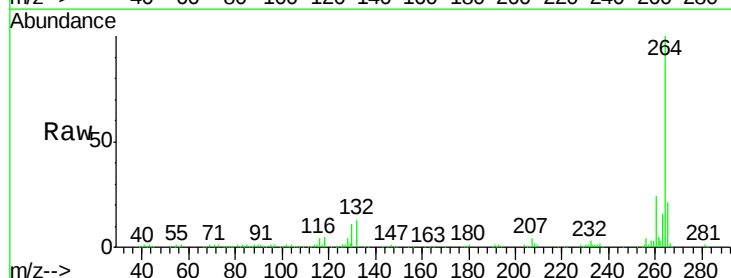


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.07 min
 Lab File: BF077970.D
 Acq: 26 Mar 2015 00:10

Tgt Ion: 264 Resp: 188413
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.1 17.3 25.9



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

