

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081839.D
 Acq On : 26 Sep 2015 20:58
 Operator : UM/IZ
 Sample : G3754-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENTBLANK

Quant Time: Sep 28 03:19:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

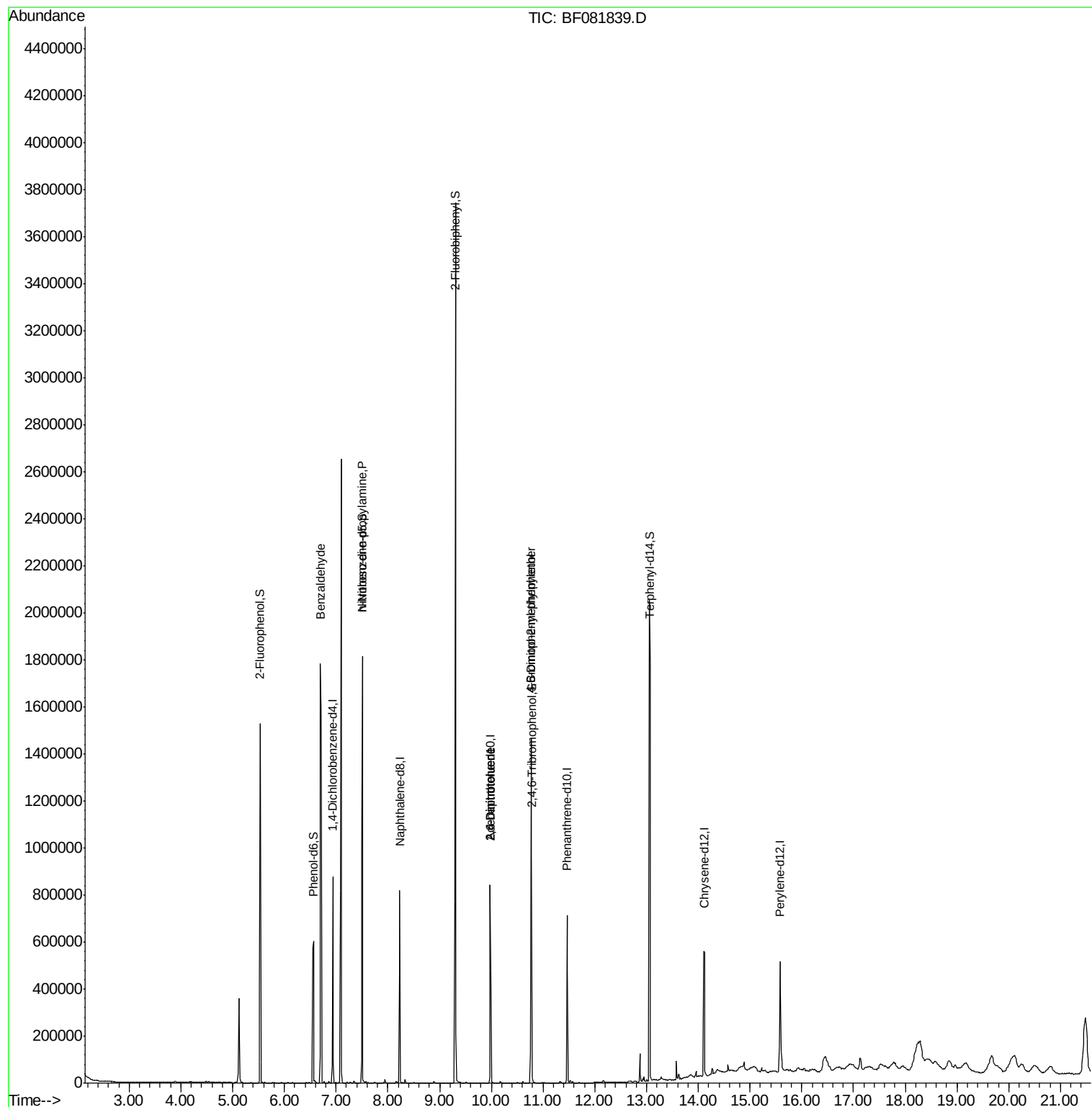
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	121492	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	454942	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	203082	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	349487	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	289051	20.00	ng	0.00
86) Perylene-d12	15.58	264	287137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	387207	53.92	ng	-0.01
7) Phenol-d6	6.56	99	313451	34.51	ng	-0.01
23) Nitrobenzene-d5	7.51	82	686964	99.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	257561	146.08	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1100858	88.98	ng	-0.01
78) Terphenyl-d14	13.06	244	949145	75.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	15520	2.89	ng	# 58
19) n-Nitroso-di-n-propylamine	7.51	70	91767	15.15	ng	# 58
50) 2,6-Dinitrotoluene	9.98	165	25755	8.63	ng	# 39
56) 2,4-Dinitrotoluene	9.98	165	25756	7.21	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.77	198	414	8.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	15306	3.93	ng	# 1

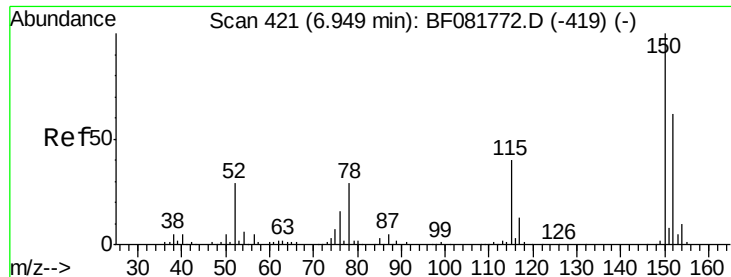
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081839.D
Acq On : 26 Sep 2015 20:58
Operator : UM/IZ
Sample : G3754-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EQUIPMENTBLANK

Quant Time: Sep 28 03:19:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

EQUIPMENTBLANK

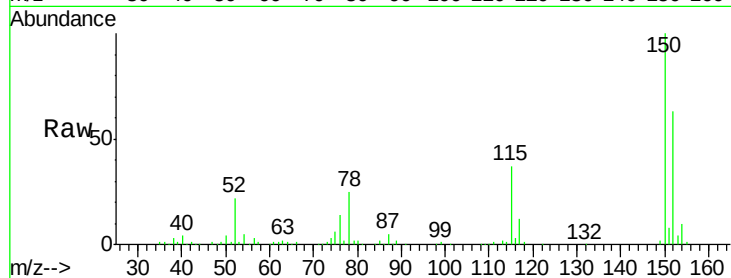
Tgt Ion:152 Resp: 121492

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

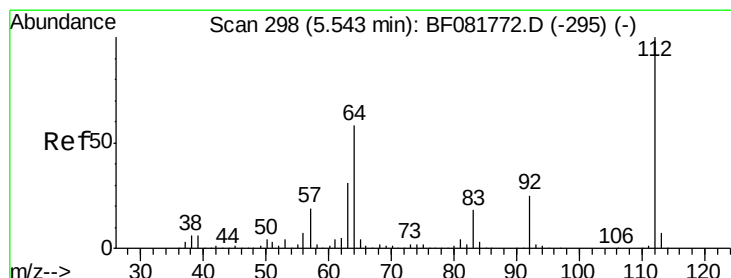
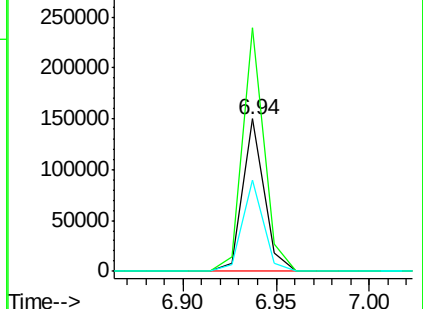
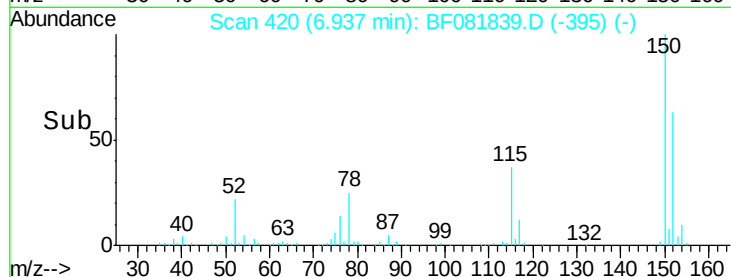
115 59.8 39.0 58.4#



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: 53.92 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

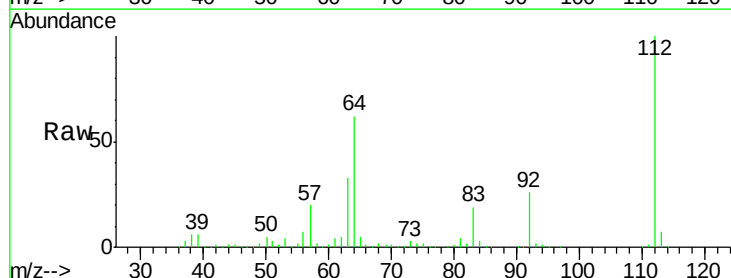
Tgt Ion:112 Resp: 387207

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

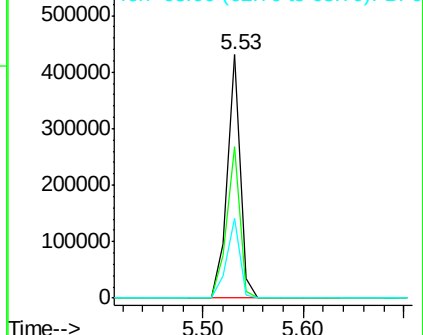
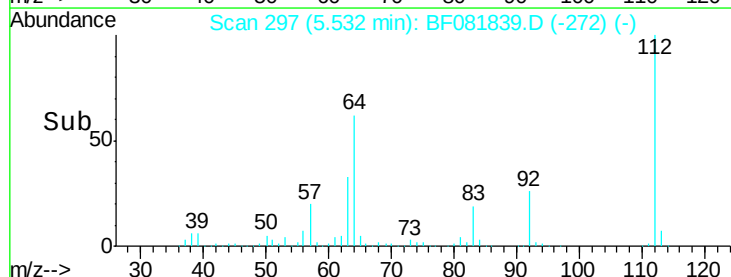
63 32.7 17.4 26.0#

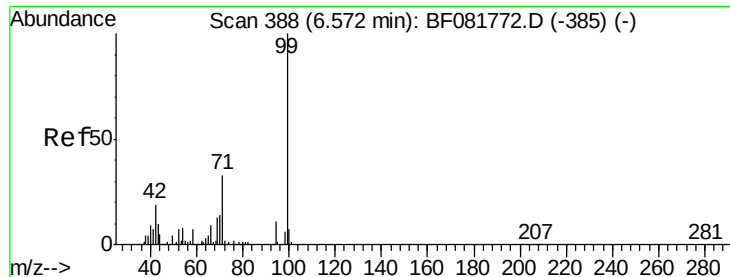


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.51 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

EQUIPMENTBLANK

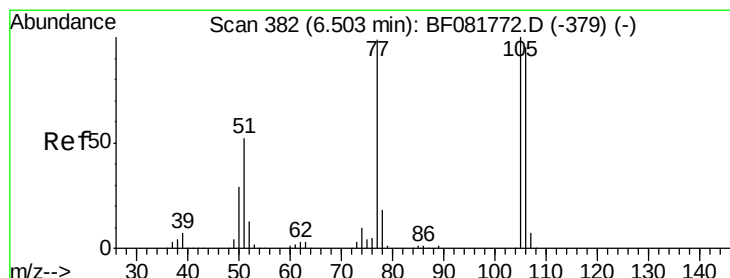
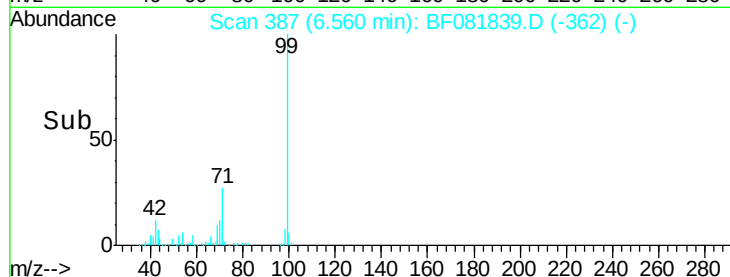
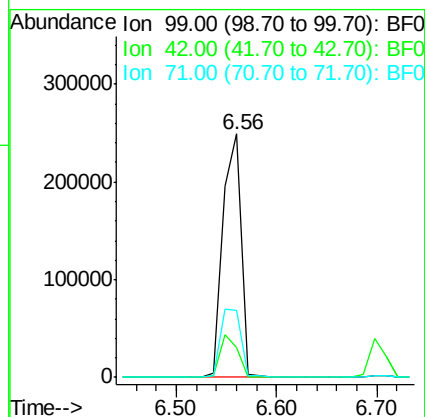
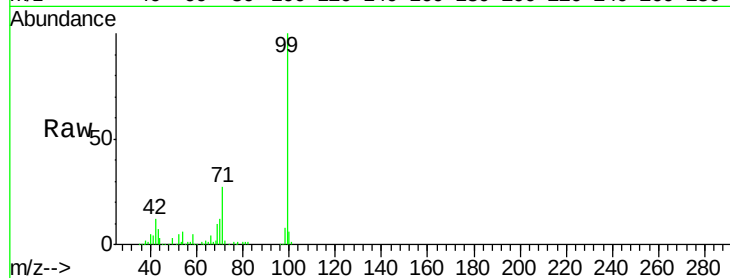
Tgt Ion: 99 Resp: 313451

Ion Ratio Lower Upper

99 100

42 12.4 13.7 20.5#

71 27.5 14.2 21.2#



#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.19 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

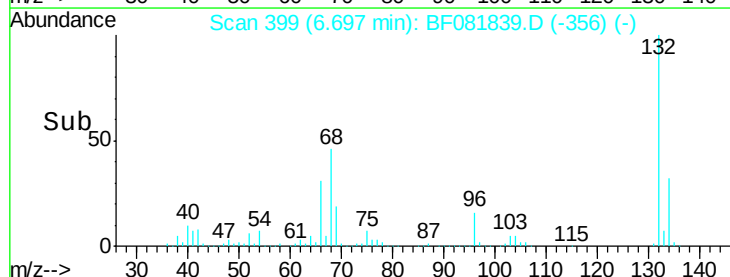
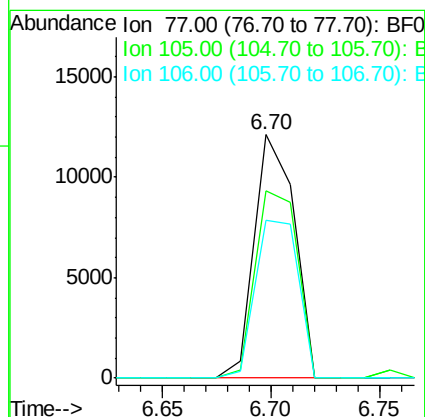
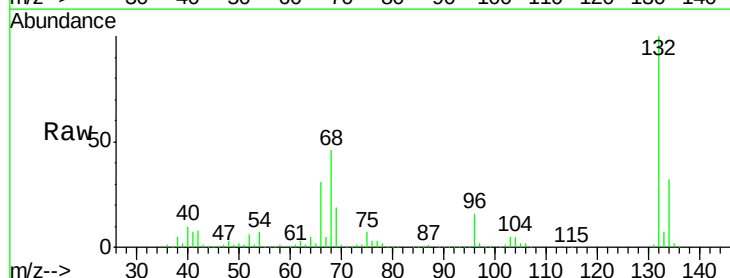
Tgt Ion: 77 Resp: 15520

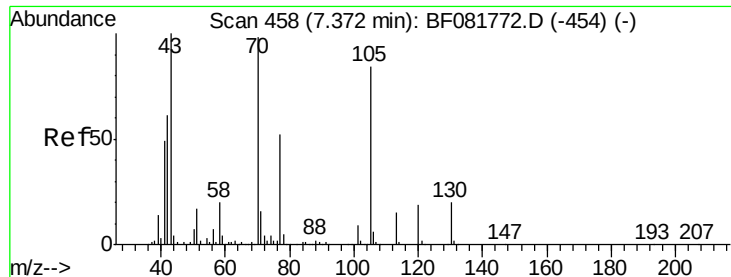
Ion Ratio Lower Upper

77 100

105 77.1 91.6 131.6#

106 64.8 102.6 142.6#

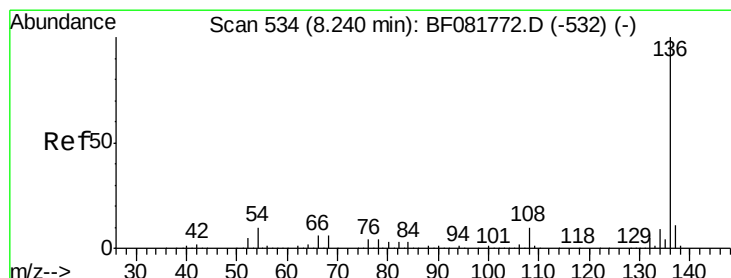
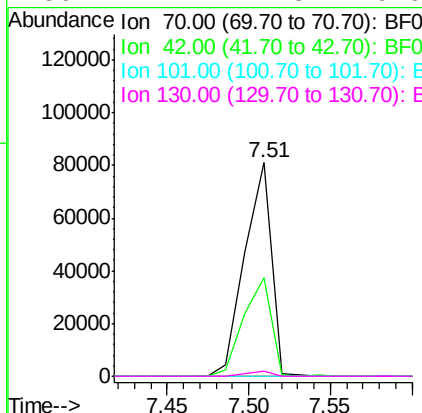
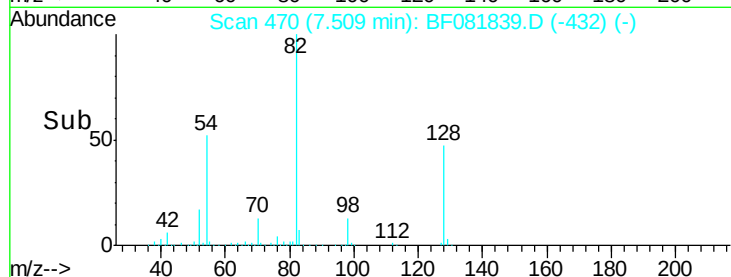
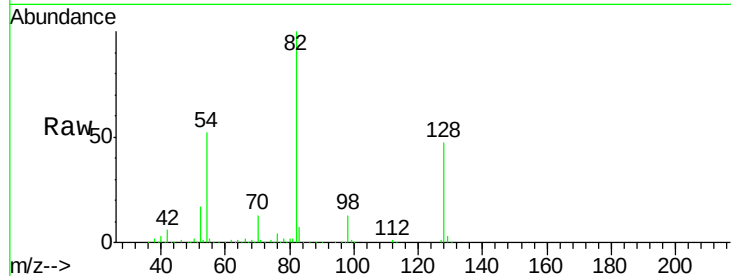




#19
n-Nitroso-di-n-propylamine
Concen: 15.15 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF081839.D
Acq: 26 Sep 2015 20:58

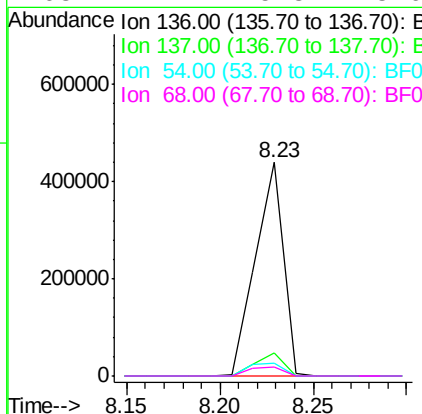
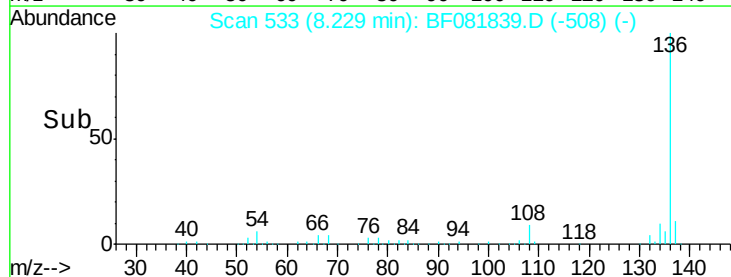
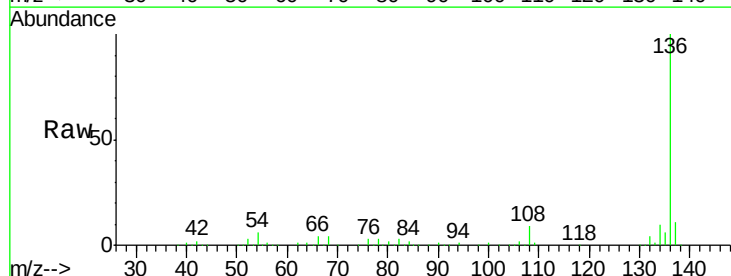
Instrument :
BNA_F
ClientSampleId :
EQUIPMENTBLANK

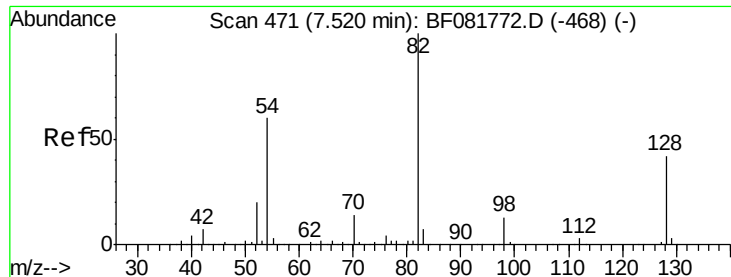
Tgt Ion: 70 Resp: 91767
Ion Ratio Lower Upper
70 100
42 46.1 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081839.D
Acq: 26 Sep 2015 20:58

Tgt Ion: 136 Resp: 454942
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.0 8.2 12.2#
68 4.4 5.8 8.6#

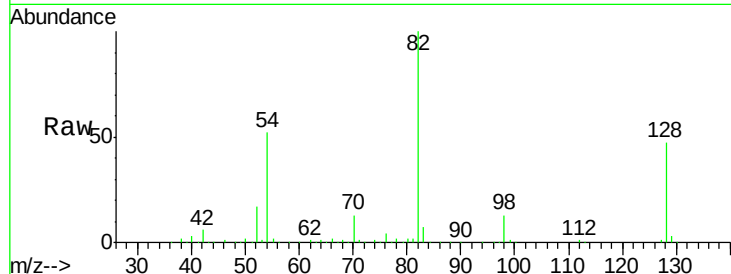




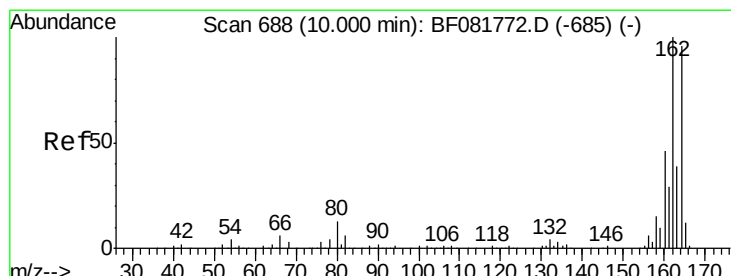
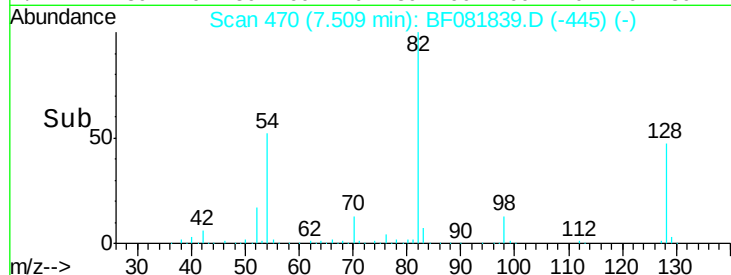
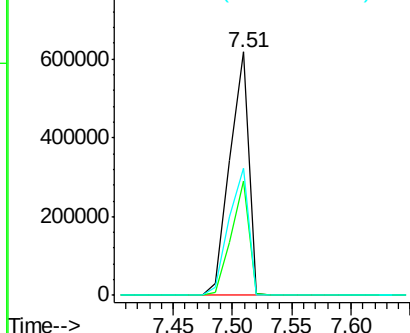
#23
 Nitrobenzene-d5
 Concen: 99.63 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENTBLANK

Tgt Ion: 82 Resp: 686964
 Ion Ratio Lower Upper
 82 100
 128 47.1 51.0 76.6#
 54 52.4 47.5 71.3

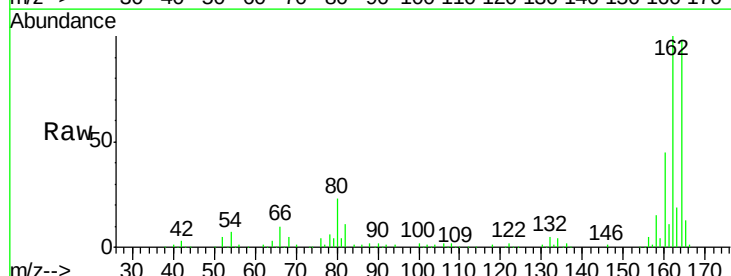


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

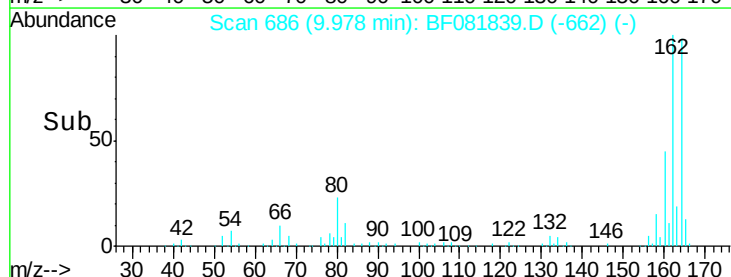
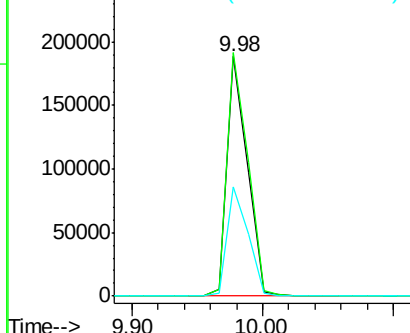


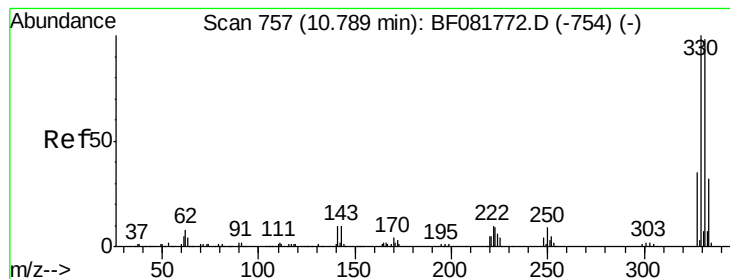
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Tgt Ion: 164 Resp: 203082
 Ion Ratio Lower Upper
 164 100
 162 101.7 75.2 112.8
 160 45.4 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

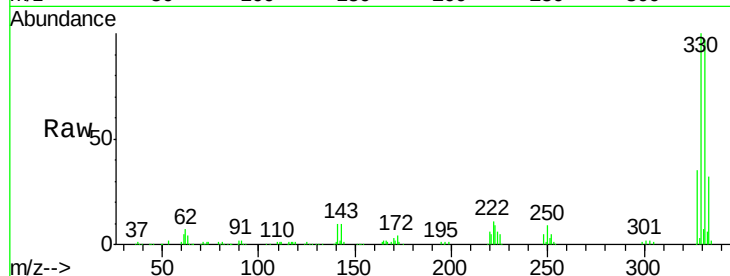




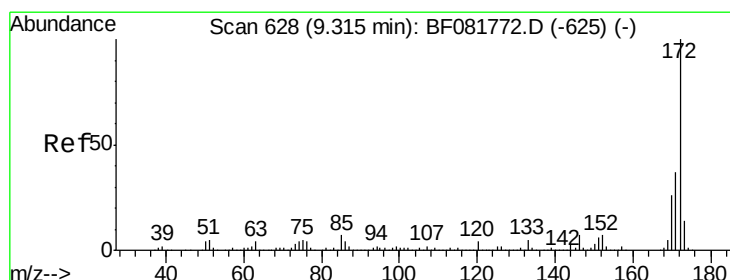
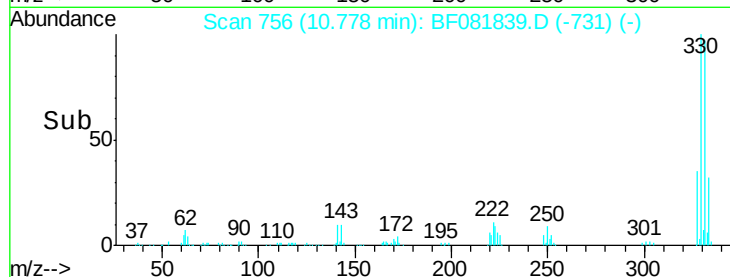
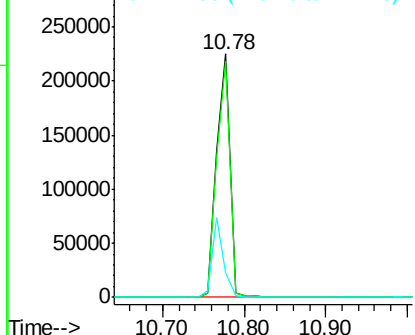
#41
 2,4,6-Tribromophenol
 Concen: 146.08 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENTBLANK

Tgt Ion:330 Resp: 257561
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 28.2 29.7 44.5#

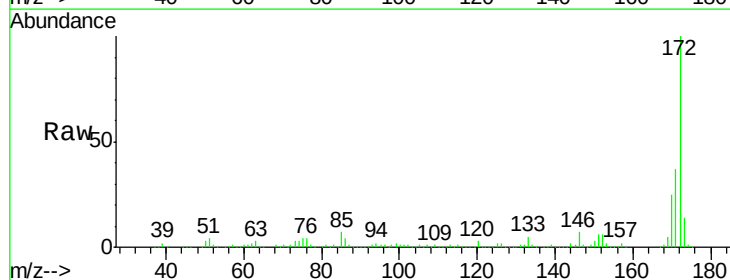


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

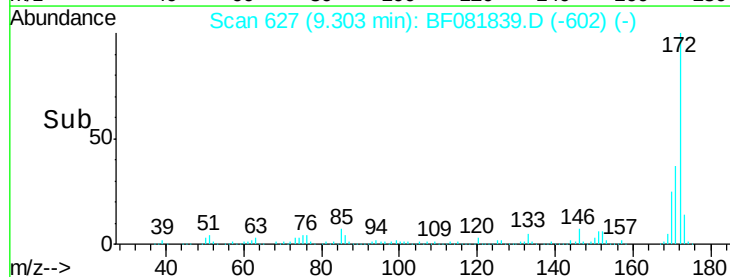
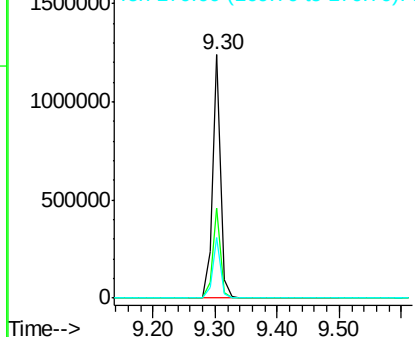


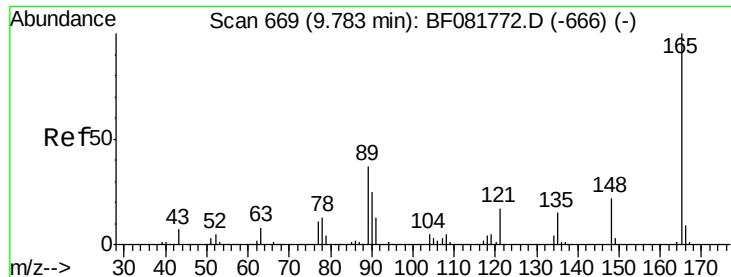
#44
 2-Fluorobiphenyl
 Concen: 88.98 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Tgt Ion:172 Resp: 1100858
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.1 17.4 26.2



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

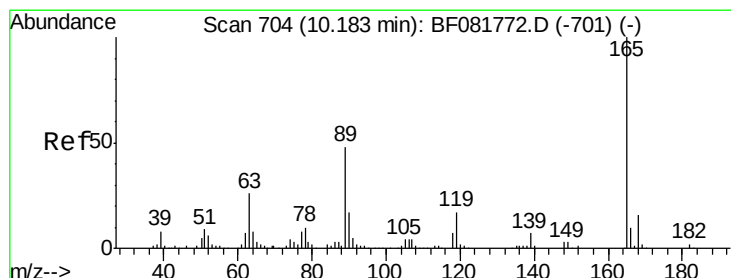
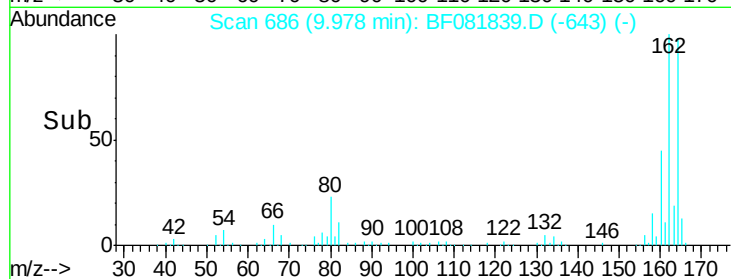
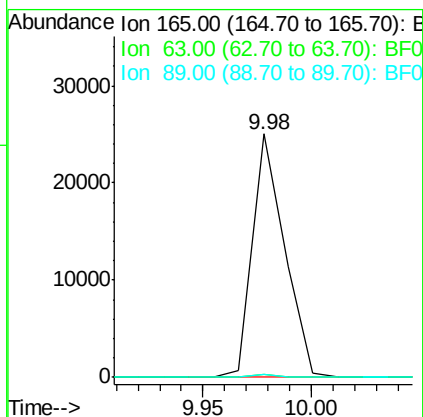
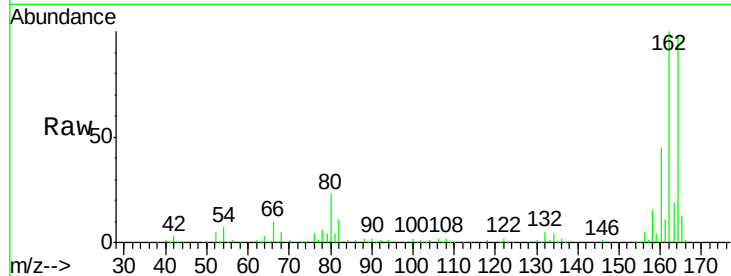




#50
 2,6-Dinitrotoluene
 Concen: 8.63 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.19 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

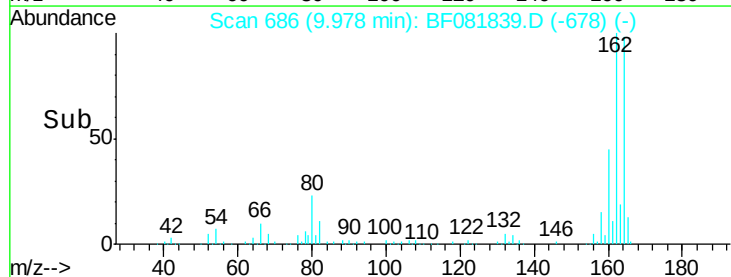
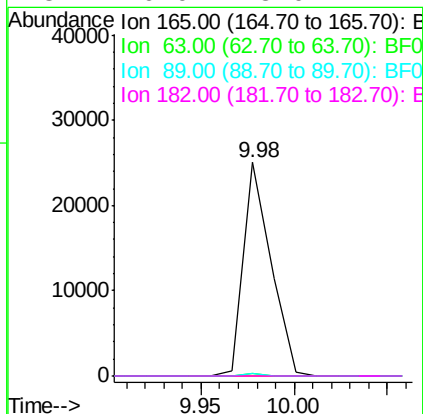
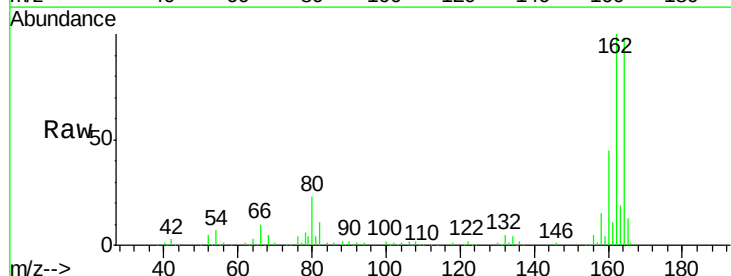
Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENTBLANK

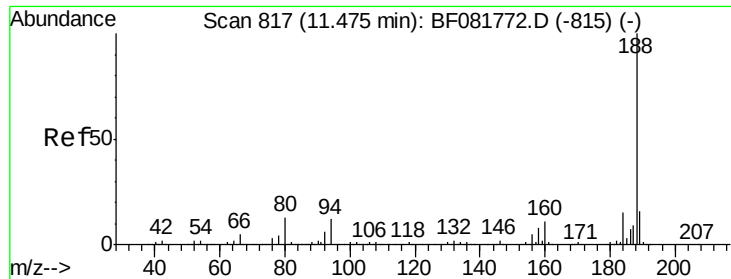
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.3	48.5#
89	1.3	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.21 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

EQUIPMENTBLANK

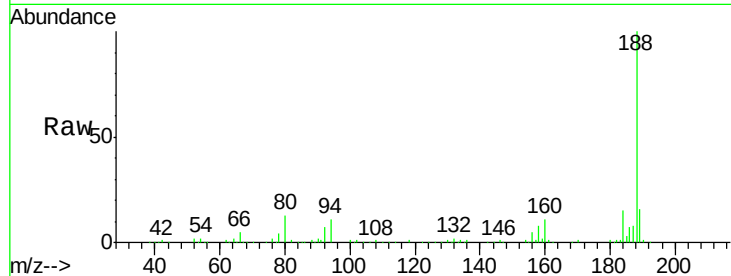
Tgt Ion:188 Resp: 349487

Ion Ratio Lower Upper

188 100

94 11.3 11.1 16.7

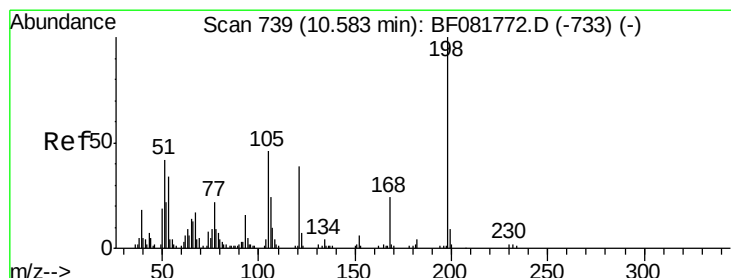
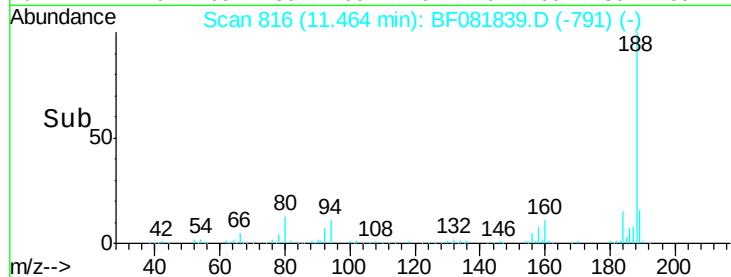
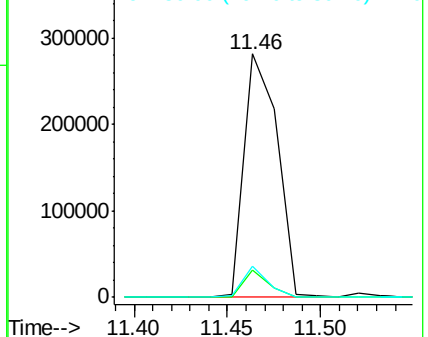
80 13.0 11.0 16.4



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.23 ng

RT: 10.77 min Scan# 755

Delta R.T. 0.18 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

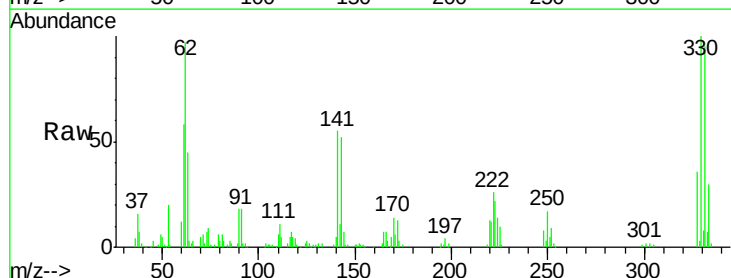
Tgt Ion:198 Resp: 414

Ion Ratio Lower Upper

198 100

51 161.2 39.6 79.6#

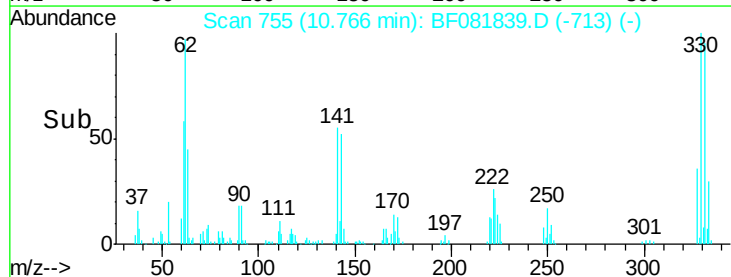
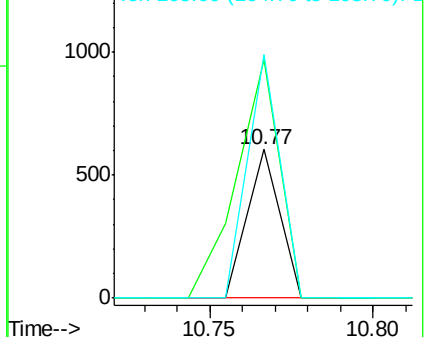
105 164.2 28.5 68.5#

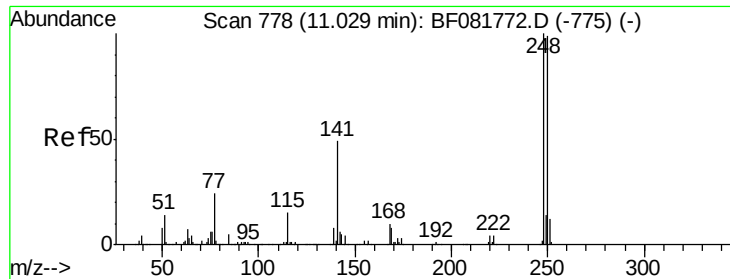


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

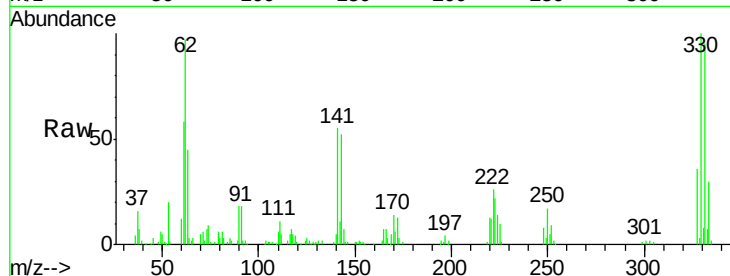




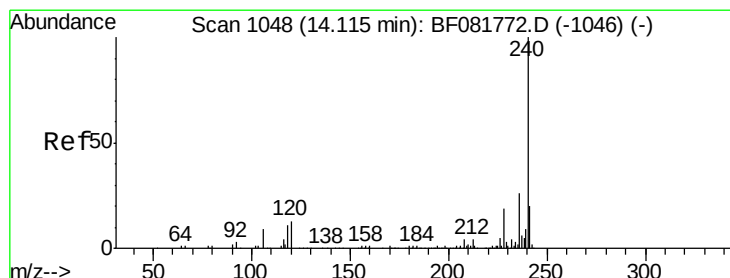
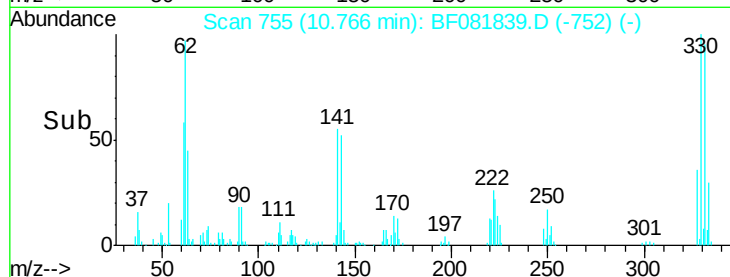
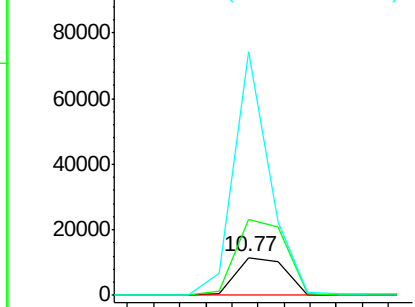
#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.26 min
Lab File: BF081839.D
Acq: 26 Sep 2015 20:58

Instrument :
BNA_F
ClientSampleId :
EQUIPMENTBLANK

Tgt Ion:248 Resp: 15306
Ion Ratio Lower Upper
248 100
250 200.2 78.5 117.7#
141 647.0 59.0 88.6#

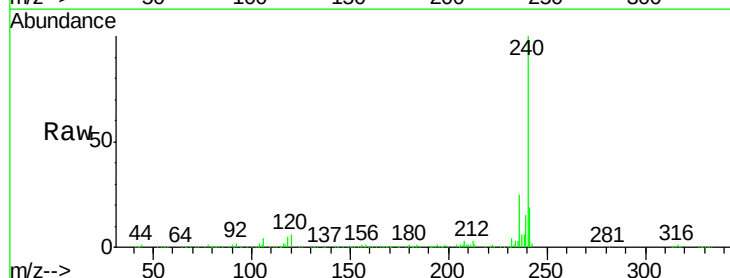


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

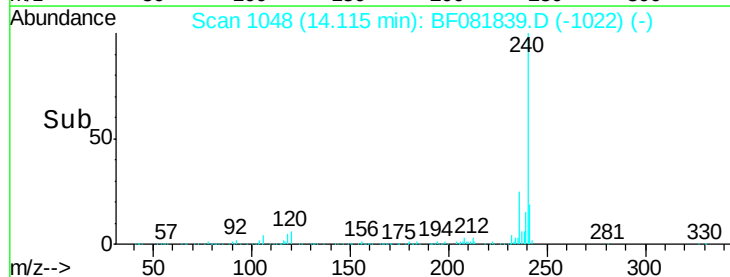
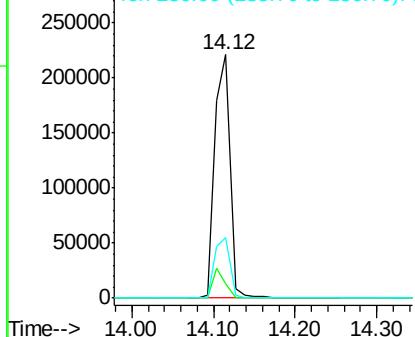


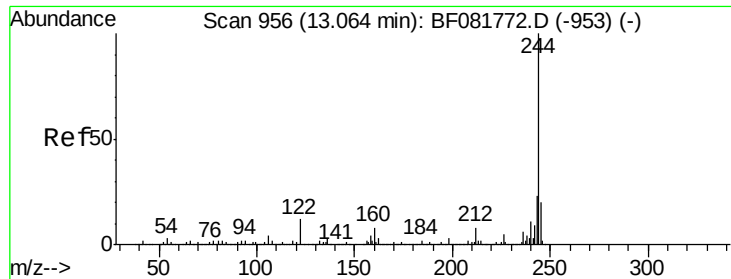
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081839.D
Acq: 26 Sep 2015 20:58

Tgt Ion:240 Resp: 289051
Ion Ratio Lower Upper
240 100
120 6.0 16.2 24.2#
236 24.9 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

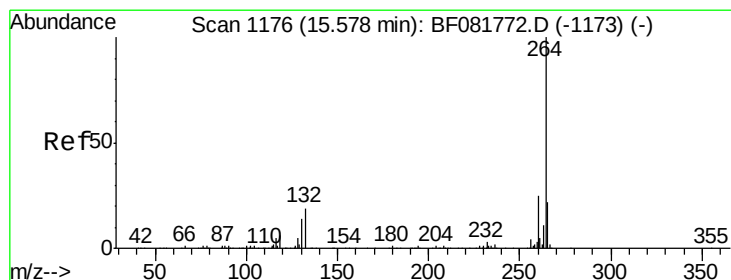
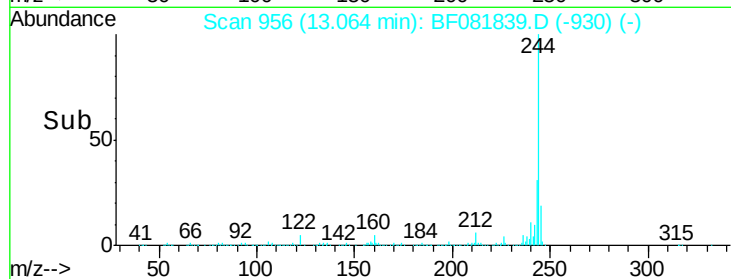
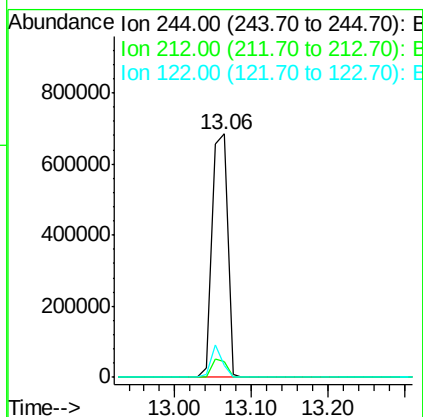
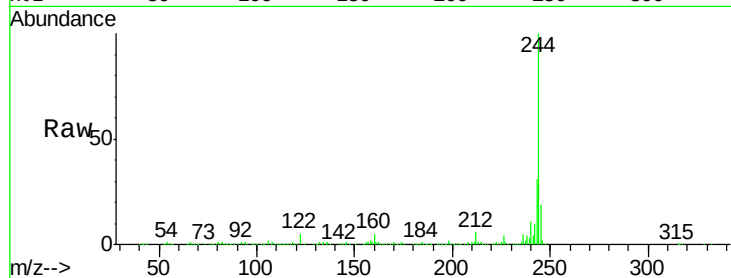




#78
 Terphenyl-d14
 Concen: 75.01 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENTBLANK

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.3	6.5
122	4.9	17.4	26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.5	17.2	25.8

