

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081177.D
 Acq On : 24 Aug 2015 19:29
 Operator : UM/IZ
 Sample : G3386-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01

Quant Time: Aug 24 23:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

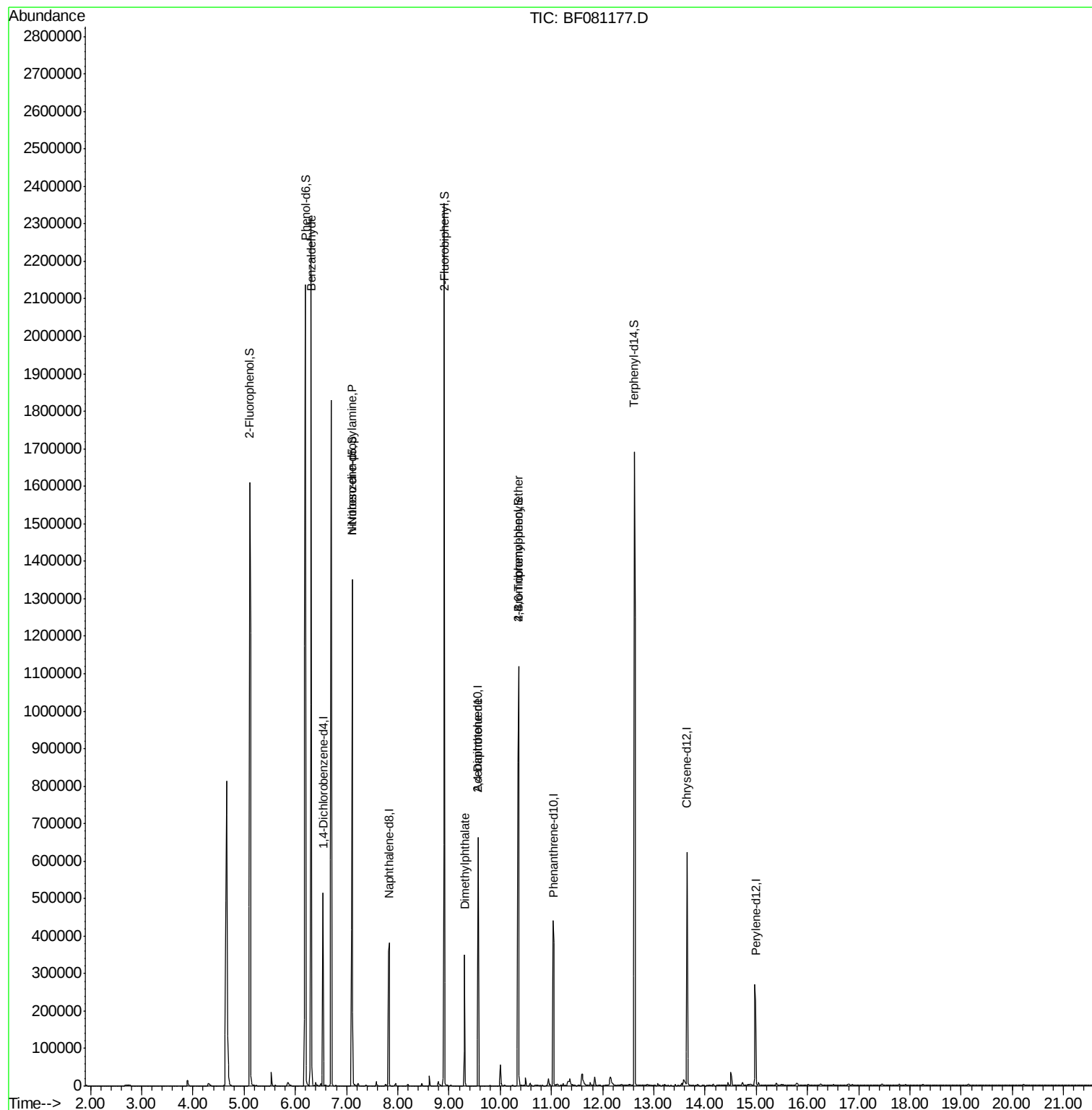
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65654	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	248567	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	122964	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	231903	20.00	ng	0.00
75) Chrysene-d12	13.65	240	193739	20.00	ng	-0.01
86) Perylene-d12	14.99	264	134111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	601749	137.86	ng	0.01
7) Phenol-d6	6.20	99	804063	141.18	ng	0.00
23) Nitrobenzene-d5	7.11	82	454477	83.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	152972	143.51	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	717996	76.51	ng	0.00
78) Terphenyl-d14	12.62	244	729382	80.71	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.31	77	15797	4.30	ng	82
19) n-Nitroso-di-n-propylamine	7.11	70	61499	15.59	ng	# 68
49) Dimethylphthalate	9.30	163	137505	13.58	ng	99
56) 2,4-Dinitrotoluene	9.57	165	15662	5.43	ng	# 18
66) 4-Bromophenyl-phenylether	10.36	248	11637	5.11	ng	# 1

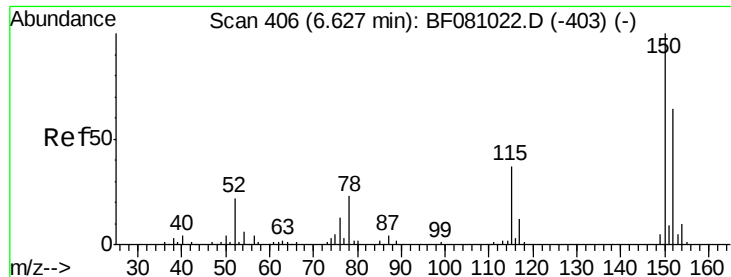
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

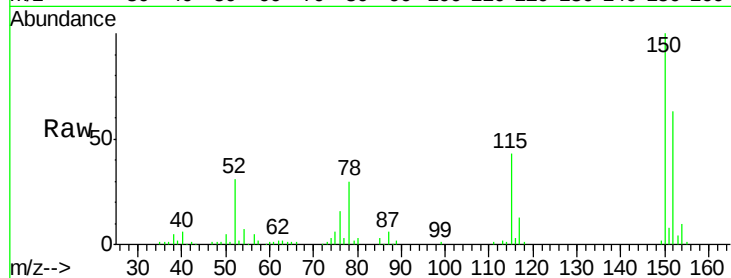
Tgt Ion:152 Resp: 65654

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

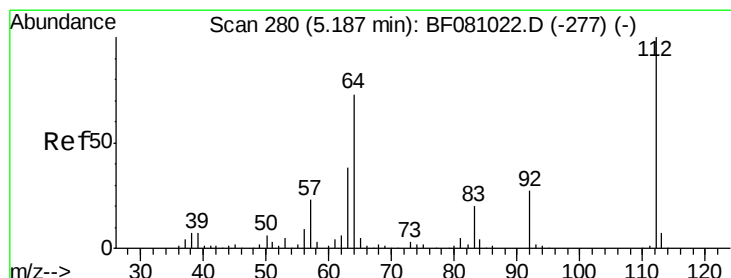
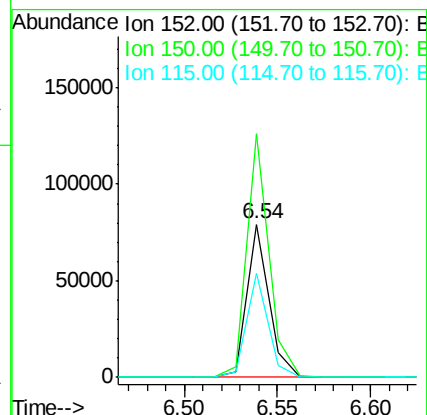
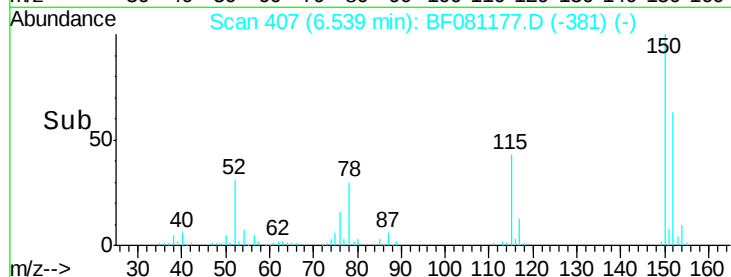
115 67.7 52.1 78.1



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: 137.86 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

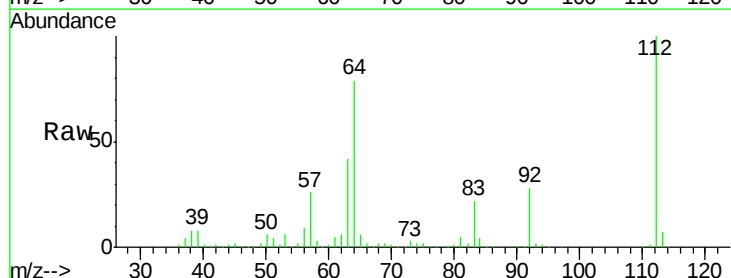
Tgt Ion:112 Resp: 601749

Ion Ratio Lower Upper

112 100

64 78.7 66.9 100.3

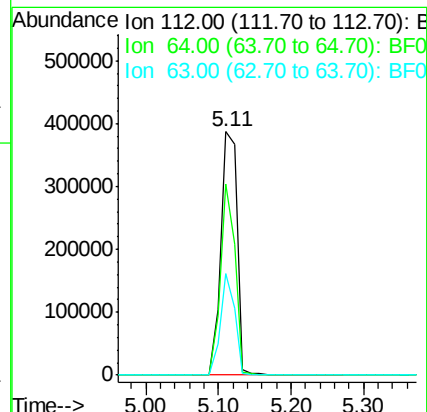
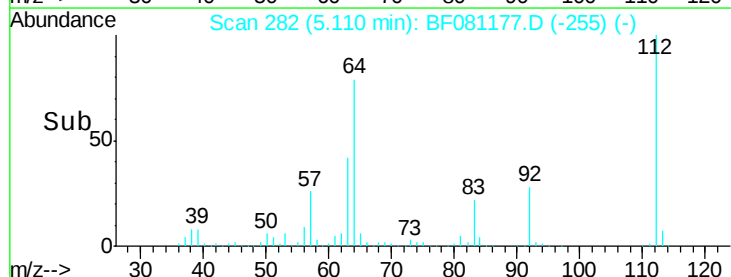
63 41.6 38.1 57.1

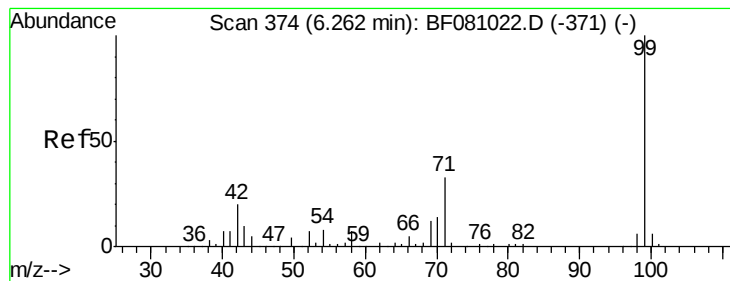


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.18 ng

RT: 6.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

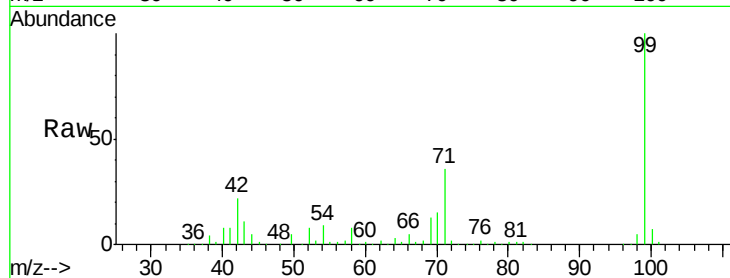
Tgt Ion: 99 Resp: 804063

Ion Ratio Lower Upper

99 100

42 21.7 19.6 29.4

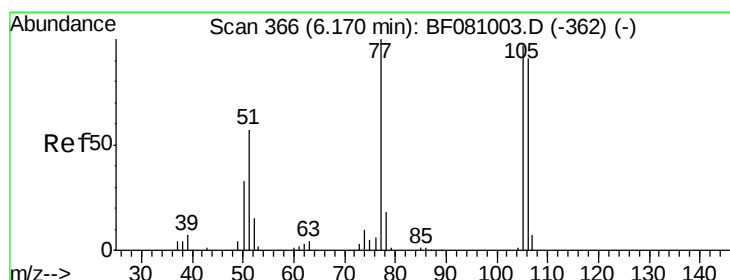
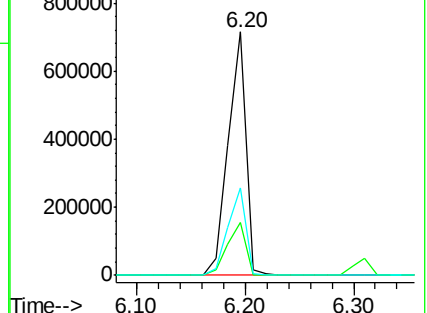
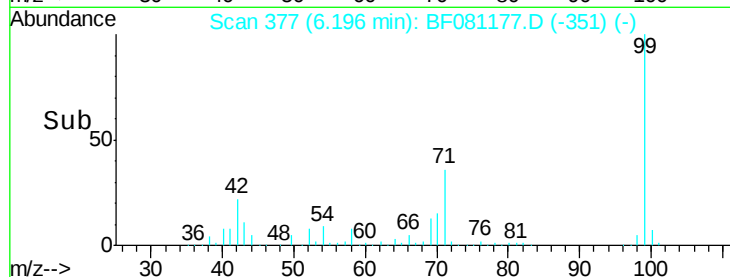
71 36.1 31.2 46.8



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: 4.30 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

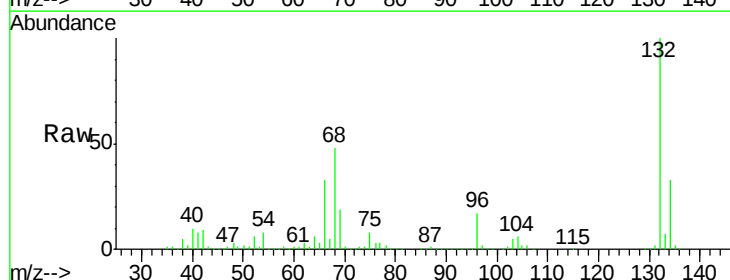
Tgt Ion: 77 Resp: 15797

Ion Ratio Lower Upper

77 100

105 75.9 69.6 109.6

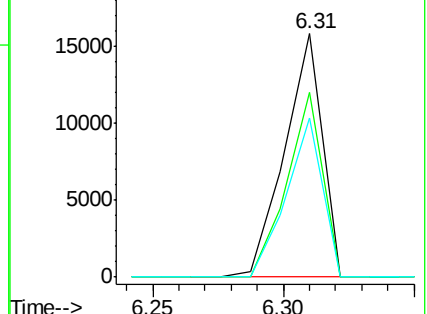
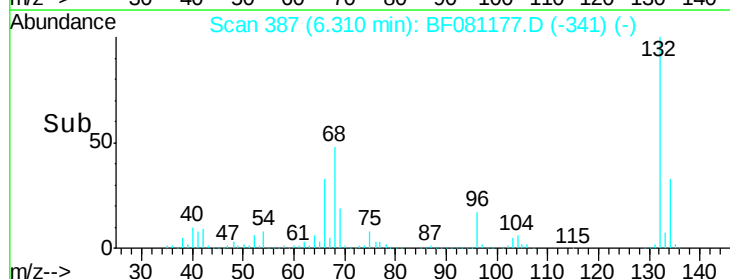
106 65.3 64.0 104.0

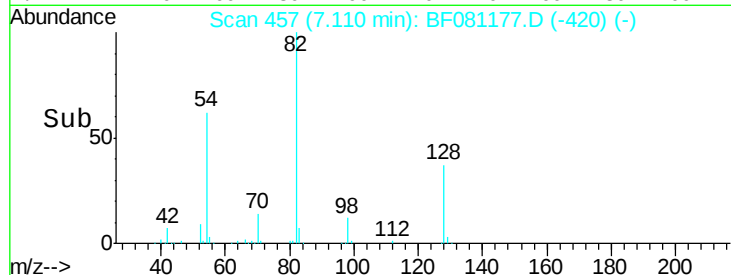
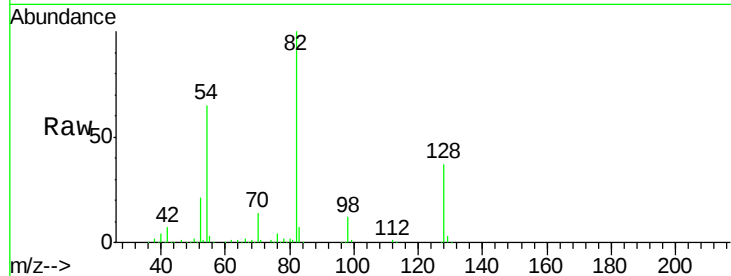
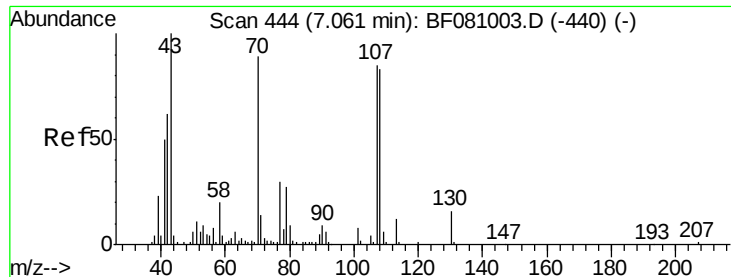


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

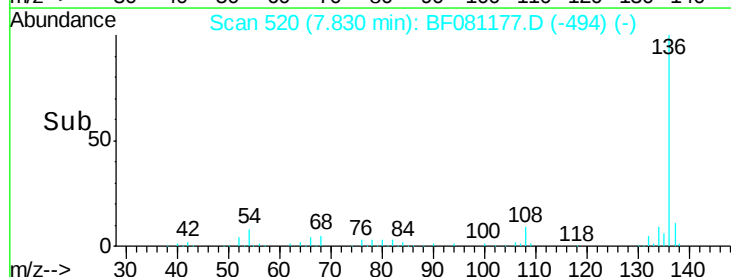
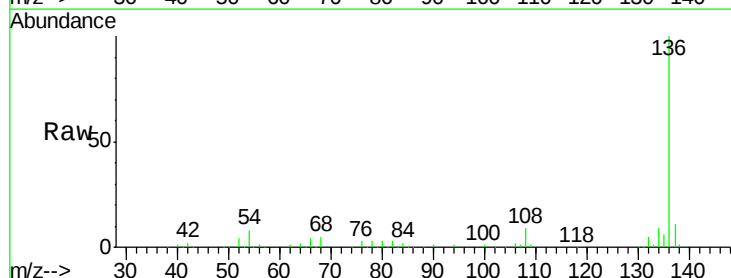
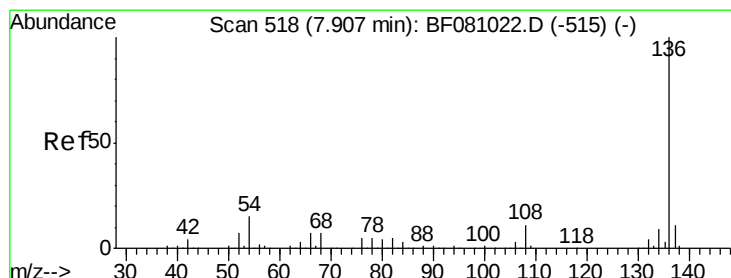
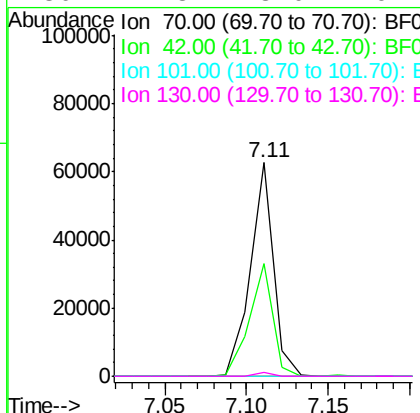




#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF081177.D
Acq: 24 Aug 2015 19:29

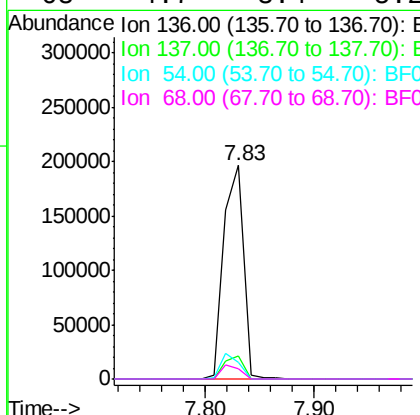
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

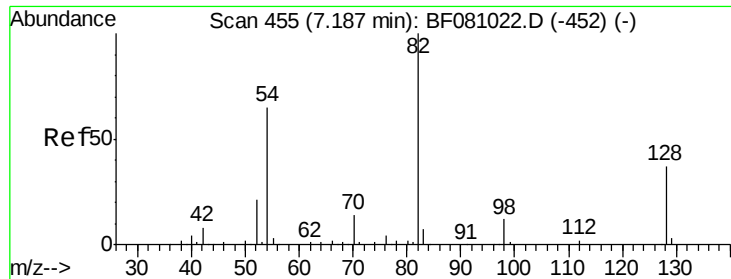
Tgt Ion: 70 Resp: 61499
Ion Ratio Lower Upper
70 100
42 53.0 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081177.D
Acq: 24 Aug 2015 19:29

Tgt Ion: 136 Resp: 248567
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 7.6 7.7 11.5#
68 4.7 3.4 5.2

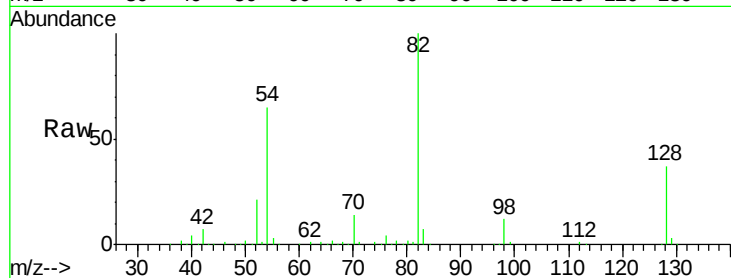




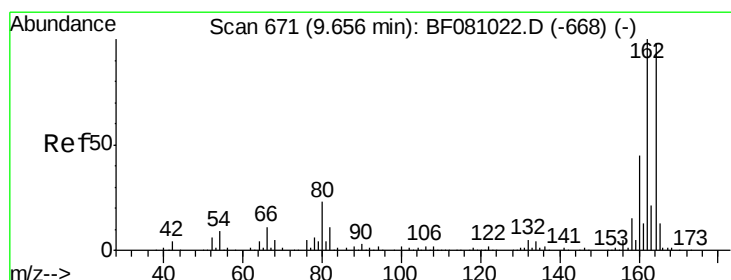
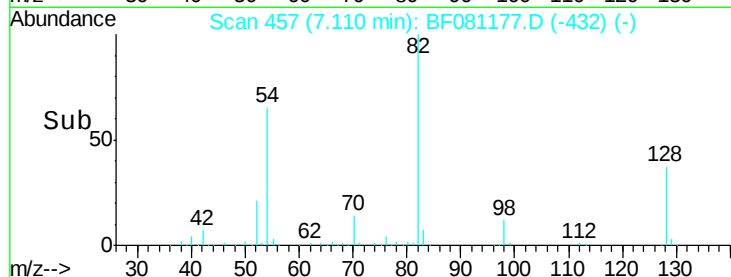
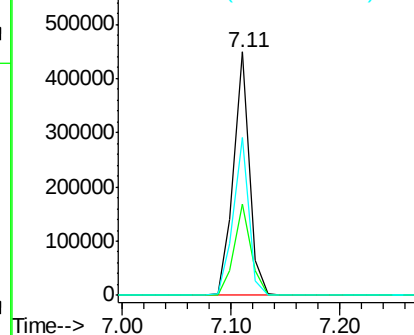
#23
 Nitrobenzene-d5
 Concen: 83.52 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081177.D
 Acq: 24 Aug 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.6	42.8
54	64.8	55.1	82.7

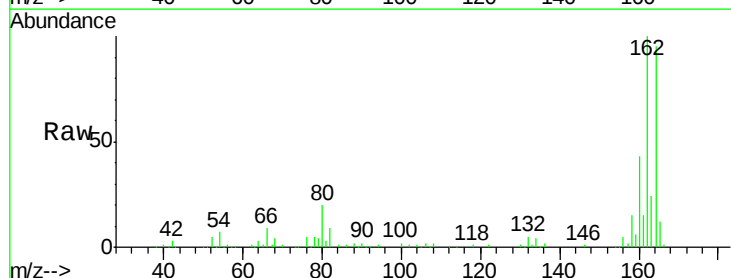


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

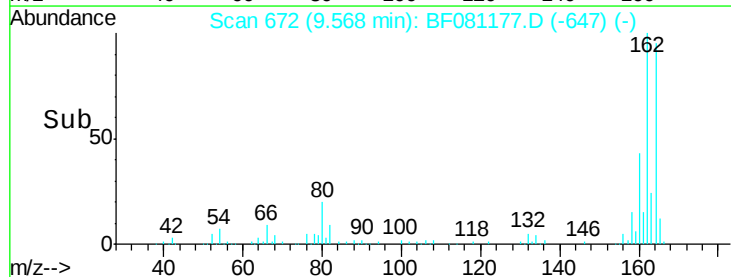
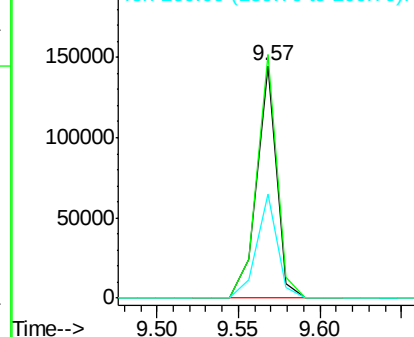


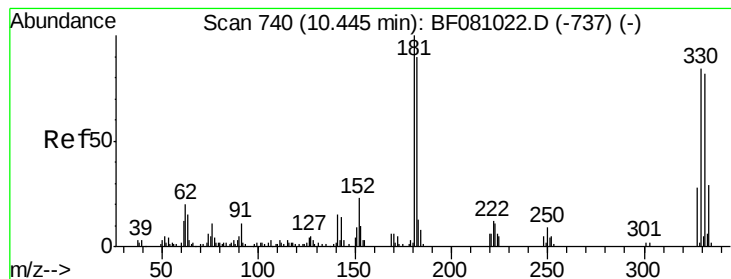
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081177.D
 Acq: 24 Aug 2015 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.8	125.8
160	44.9	39.8	59.8



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: 143.51 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

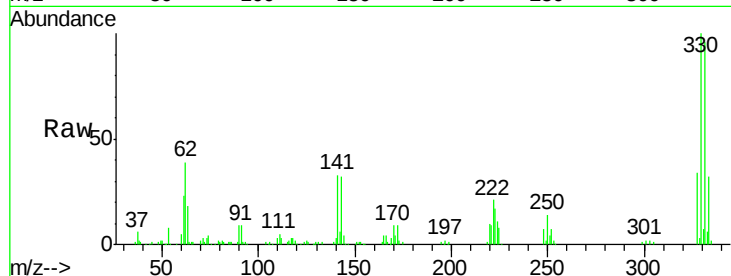
Tgt Ion:330 Resp: 152972

Ion Ratio Lower Upper

330 100

332 94.6 77.3 115.9

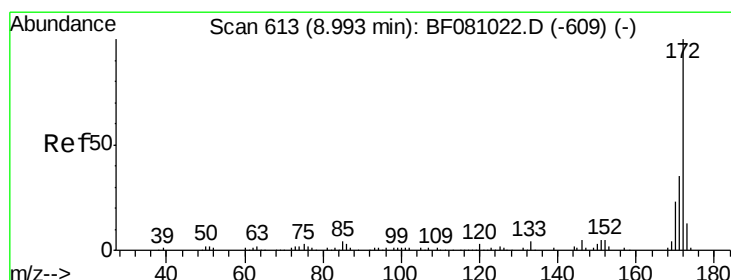
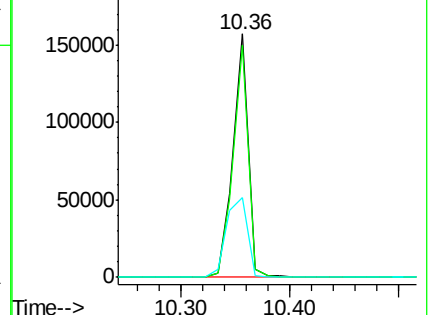
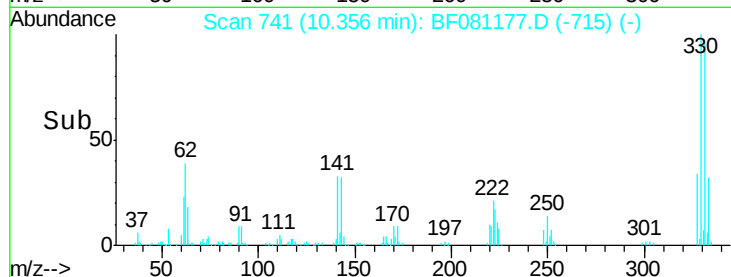
141 45.6 44.9 67.3



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: 76.51 ng

RT: 8.90 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

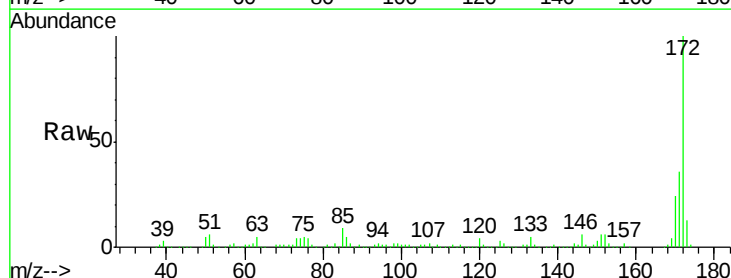
Tgt Ion:172 Resp: 717996

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

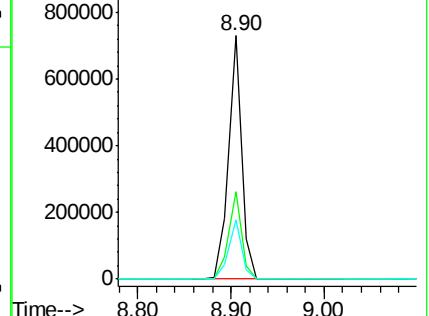
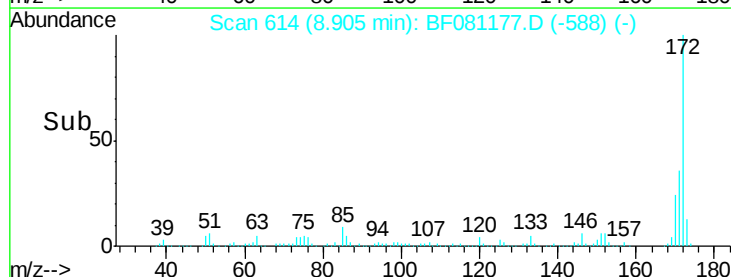
170 24.5 19.4 29.2

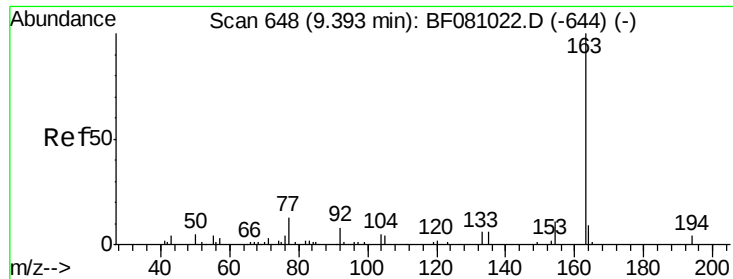


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

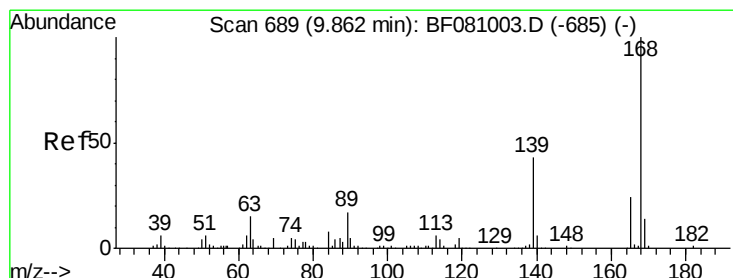
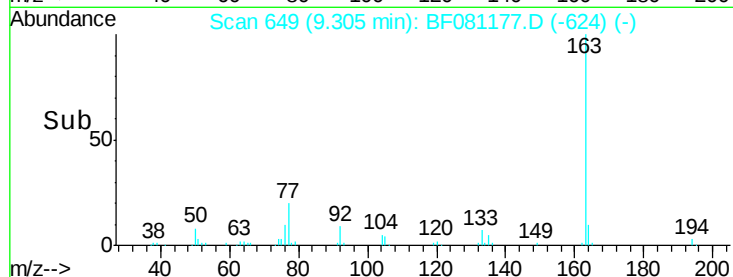
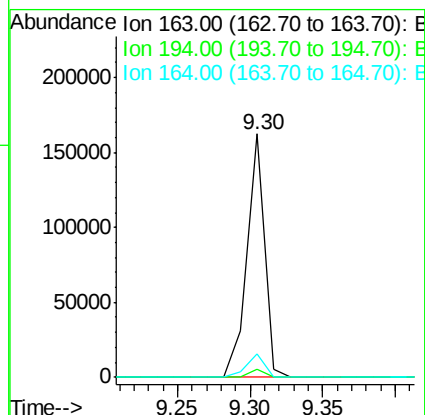
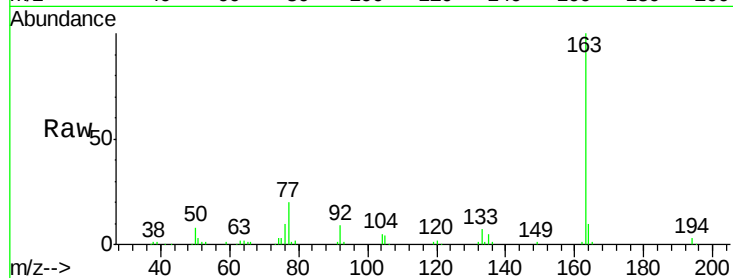




#49
Dimethylphthalate
Concen: 13.58 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081177.D
Acq: 24 Aug 2015 19:29

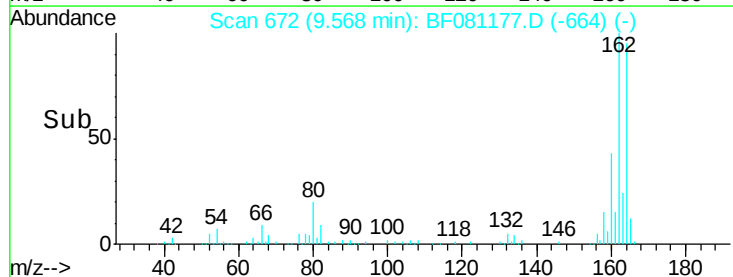
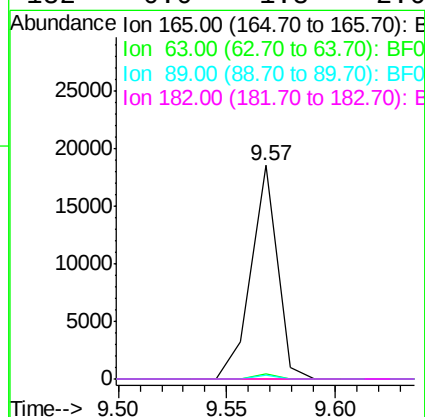
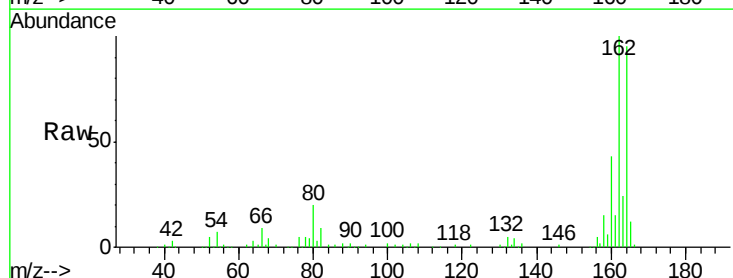
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

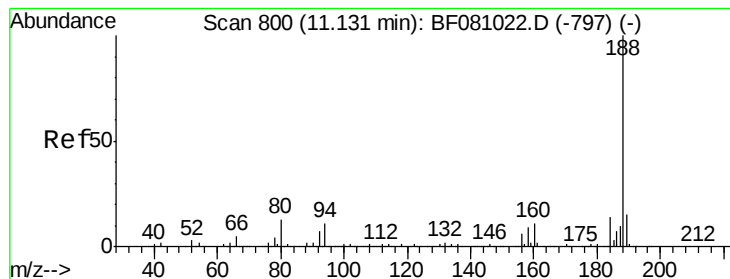
Tgt Ion:163 Resp: 137505
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.6 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF081177.D
Acq: 24 Aug 2015 19:29

Tgt Ion:165 Resp: 15662
Ion Ratio Lower Upper
165 100
63 2.1 52.2 78.4#
89 1.8 60.1 90.1#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

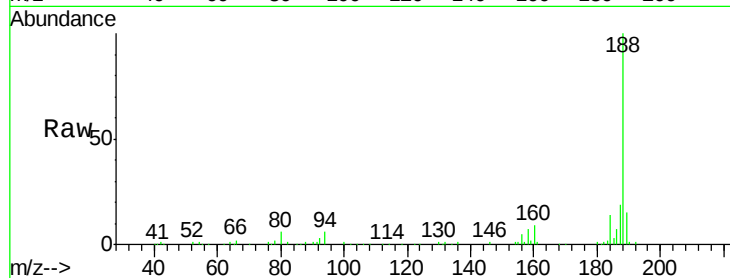
Tgt Ion:188 Resp: 231903

Ion Ratio Lower Upper

188 100

94 5.7 8.2 12.2#

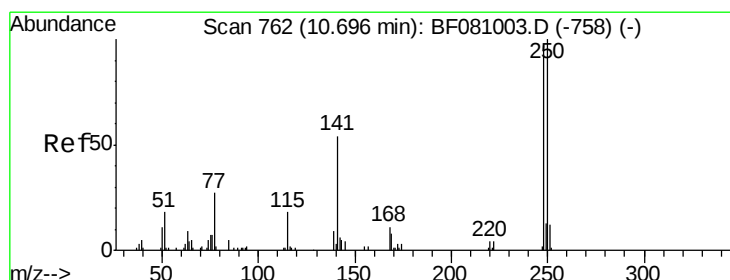
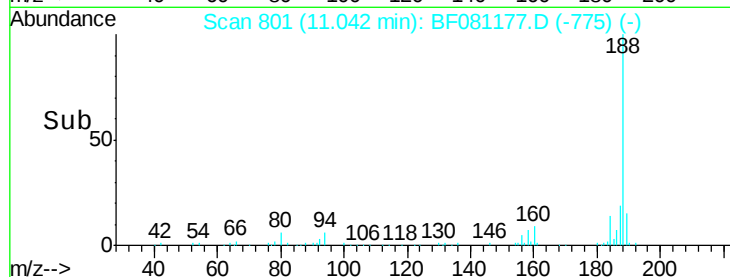
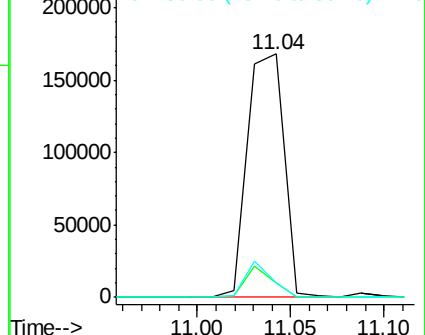
80 5.9 9.5 14.3#



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: 5.11 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

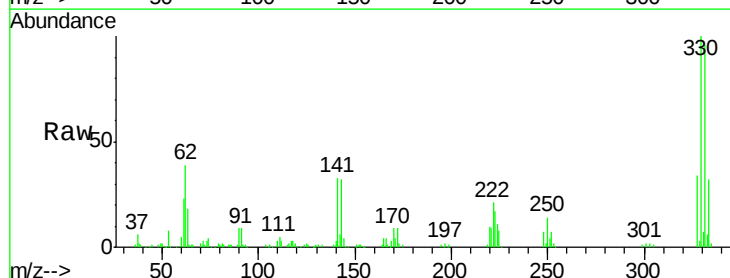
Tgt Ion:248 Resp: 11637

Ion Ratio Lower Upper

248 100

250 196.9 77.8 116.6#

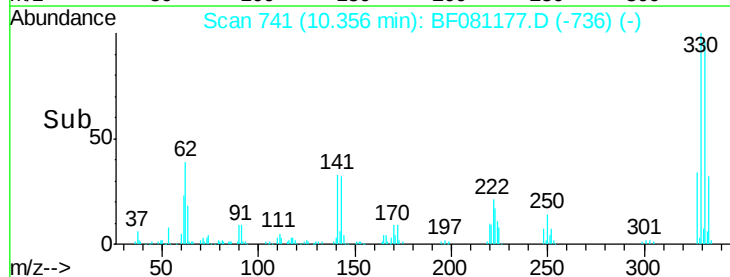
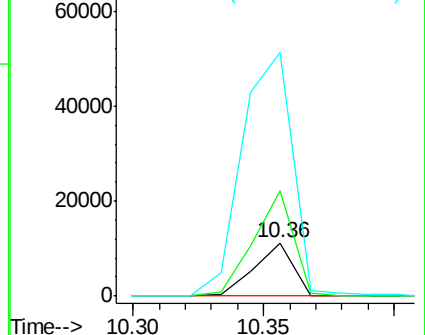
141 455.9 39.8 59.6#

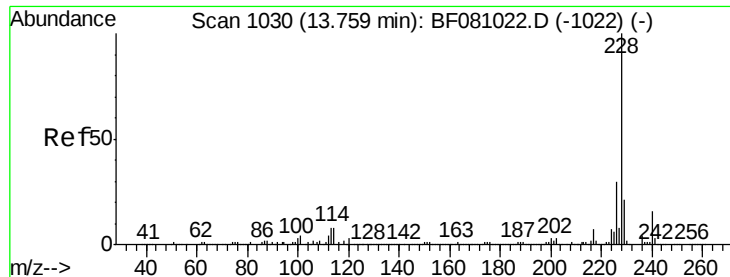


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

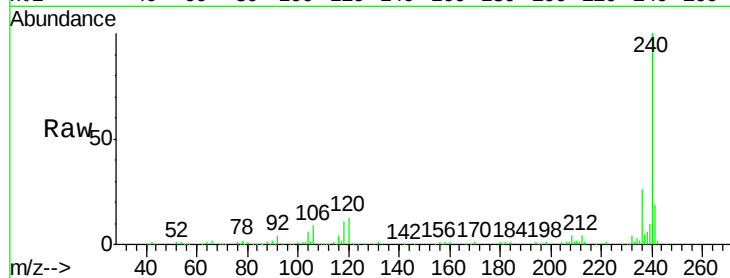
Tgt Ion:240 Resp: 193739

Ion Ratio Lower Upper

240 100

120 12.7 5.6 8.4#

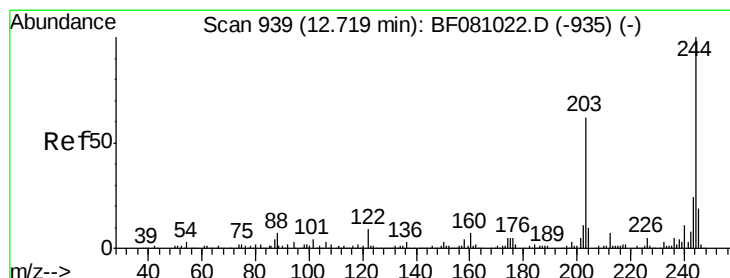
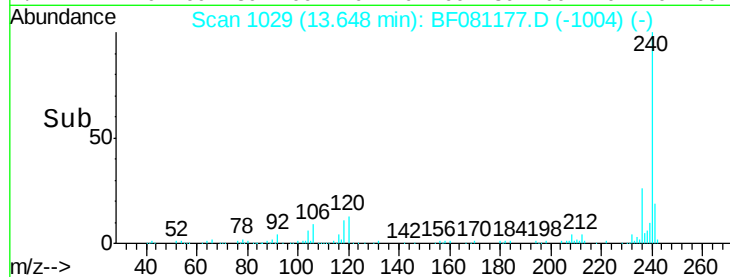
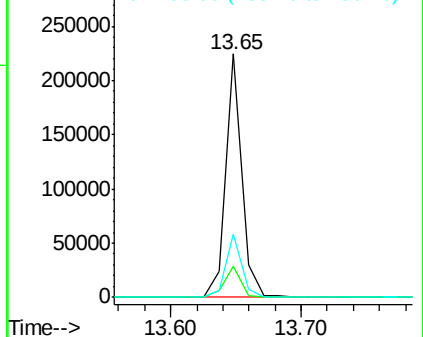
236 26.0 20.6 30.8



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: 80.71 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081177.D

Acq: 24 Aug 2015 19:29

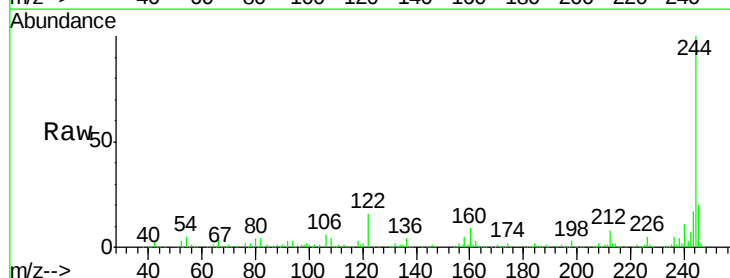
Tgt Ion:244 Resp: 729382

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

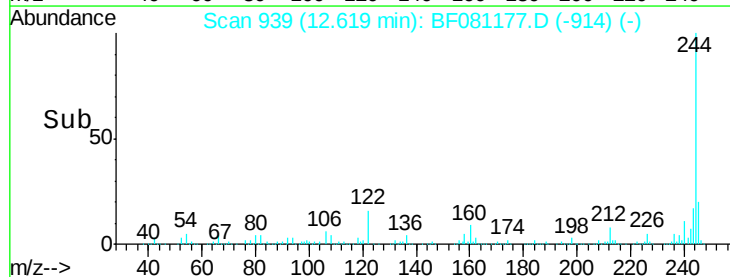
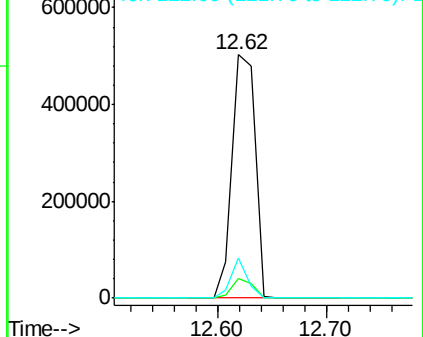
122 16.3 8.2 12.4#

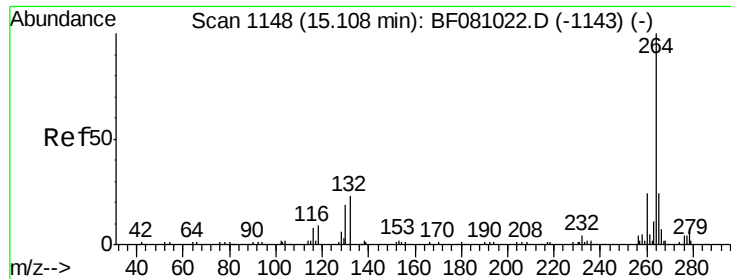


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.99 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF081177.D
Acq: 24 Aug 2015 19:29

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.9	17.5	26.3

