

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081063.D
 Acq On : 19 Aug 2015 2:12
 Operator : UM/IZ
 Sample : G3289-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 04:13:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

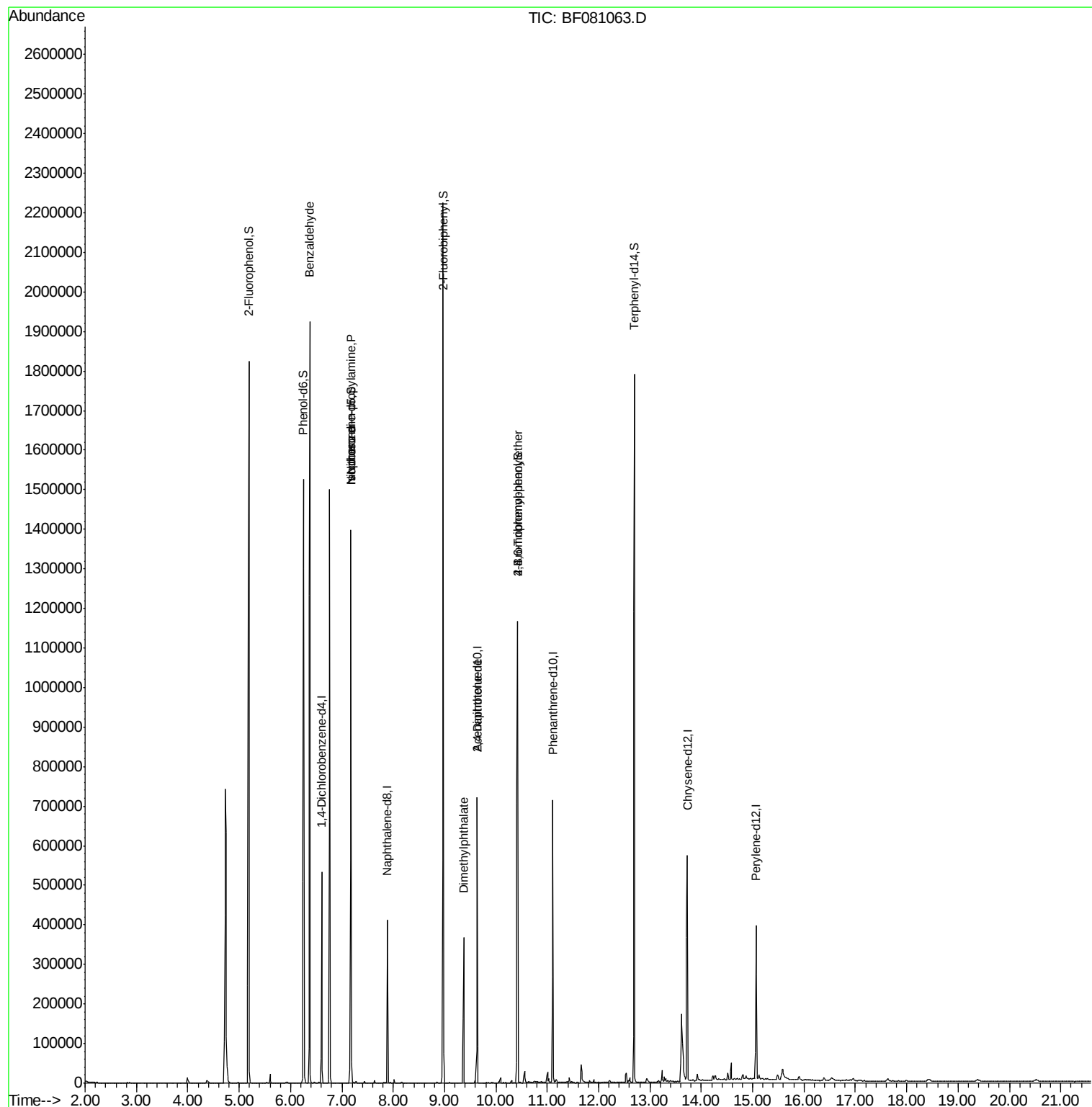
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	67072	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	244754	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	126819	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	276743	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	238976	20.00	ng	-0.02
86) Perylene-d12	15.06	264	185397	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	577813	129.58	ng	0.00
7) Phenol-d6	6.25	99	799123	137.35	ng	-0.01
23) Nitrobenzene-d5	7.18	82	468389	87.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	124369	113.13	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	626513	64.73	ng	-0.02
78) Terphenyl-d14	12.70	244	688793	61.79	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	15522	4.14	ng	82
19) n-Nitroso-di-n-propylamine	7.18	70	63703	15.81	ng	# 70
25) Isophorone	7.18	82	460996	46.14	ng	# 71
49) Dimethylphthalate	9.37	163	163165	15.62	ng	98
56) 2,4-Dinitrotoluene	9.63	165	16441	5.53	ng	# 17
66) 4-Bromophenyl-phenylether	10.42	248	10015	3.68	ng	# 1

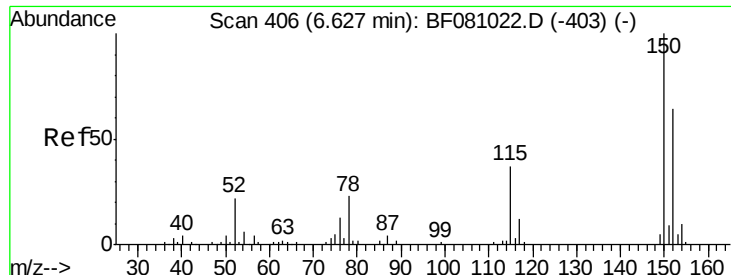
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

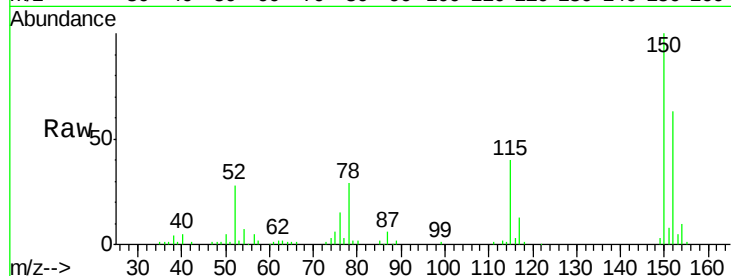
Tot Ion:152 Resp: 67072

Ion Ratio Lower Upper

152 100

150 159.8 123.8 185.6

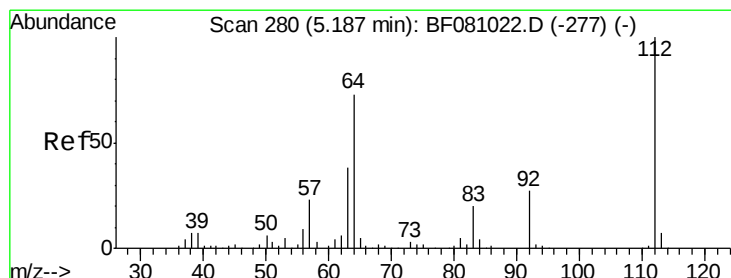
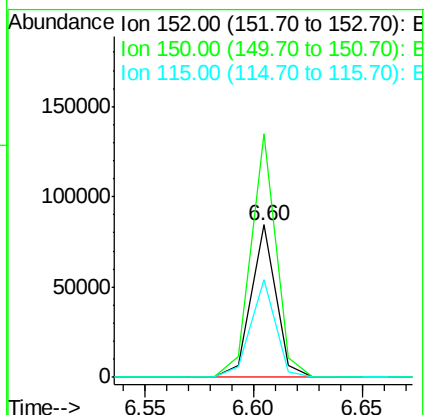
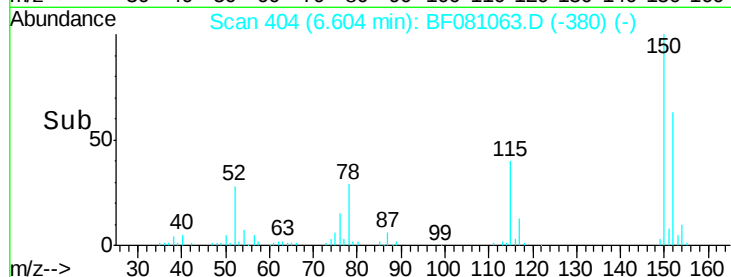
115 64.0 52.1 78.1



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: 129.58 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

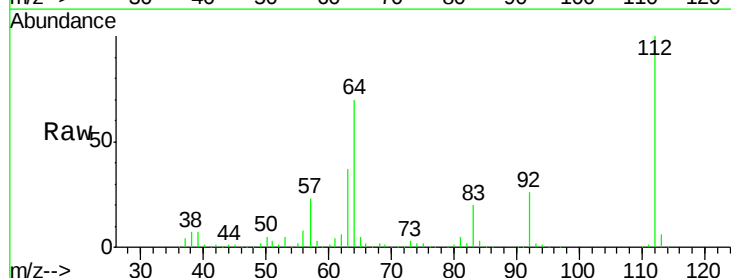
Tgt Ion:112 Resp: 577813

Ion Ratio Lower Upper

112 100

64 69.8 66.9 100.3

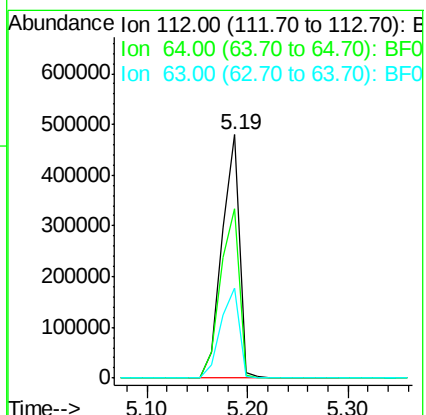
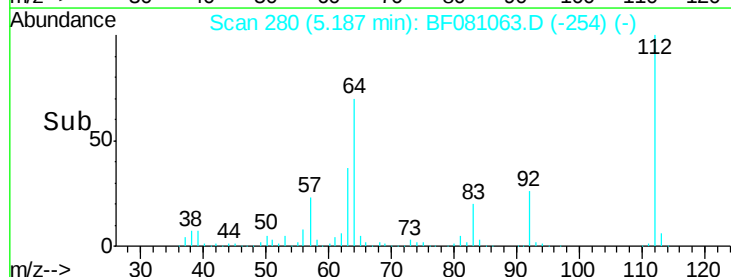
63 37.0 38.1 57.1#



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: 137.35 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

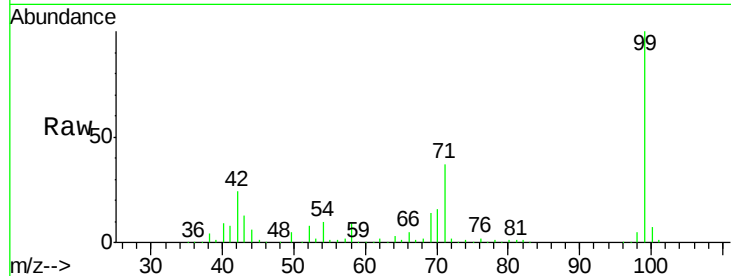
Tot Ion: 99 Resp: 799123

Ion Ratio Lower Upper

99 100

42 24.1 19.6 29.4

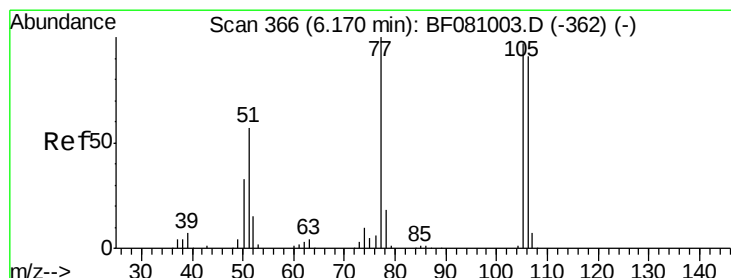
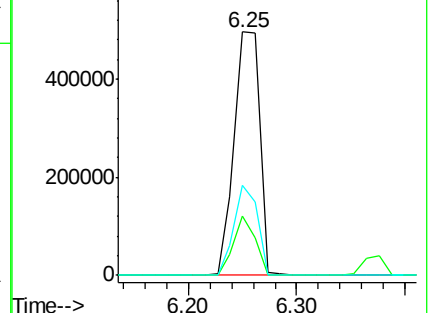
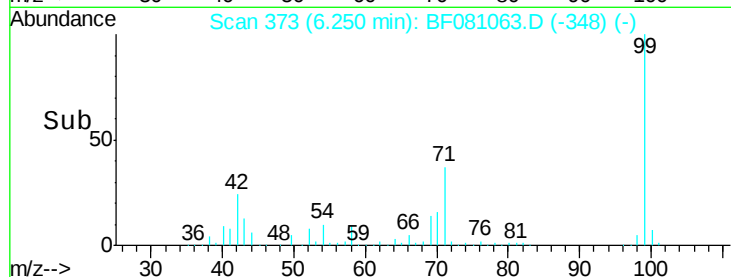
71 37.0 31.2 46.8



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: 4.14 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

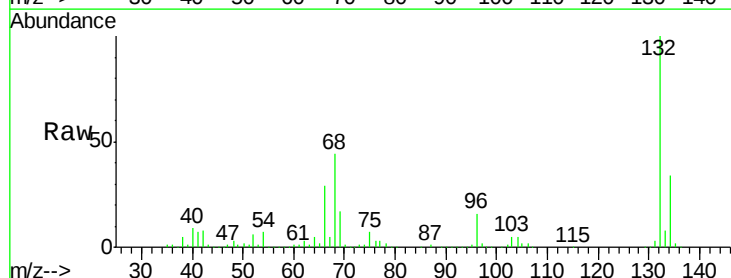
Tgt Ion: 77 Resp: 15522

Ion Ratio Lower Upper

77 100

105 71.6 69.6 109.6

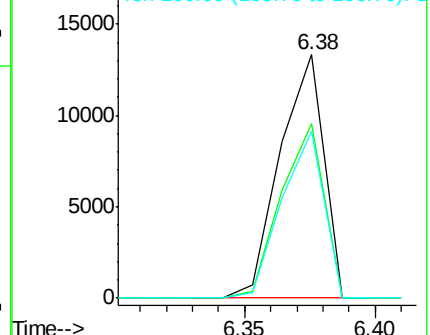
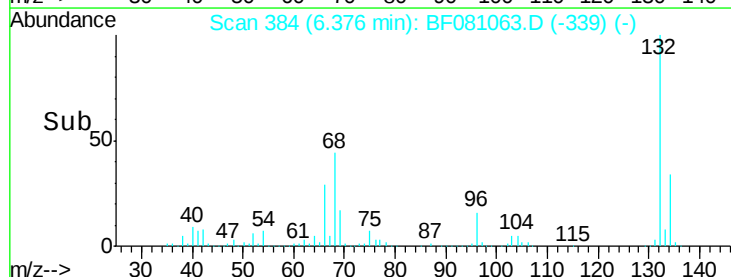
106 68.3 64.0 104.0

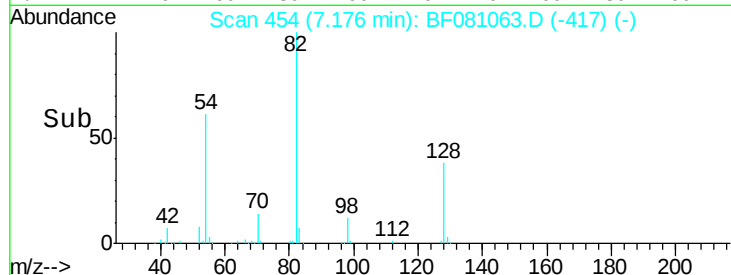
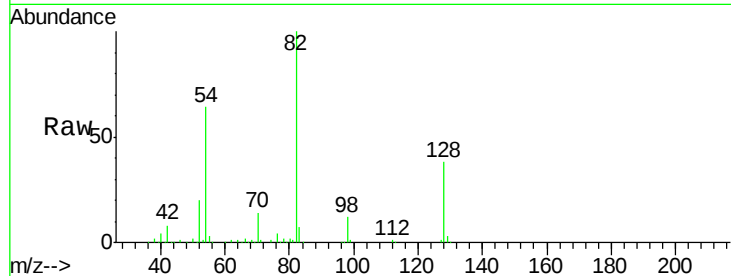
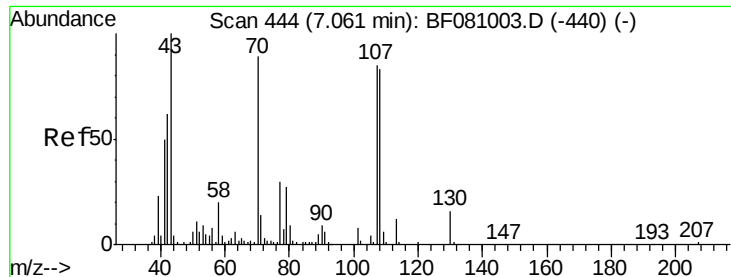


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

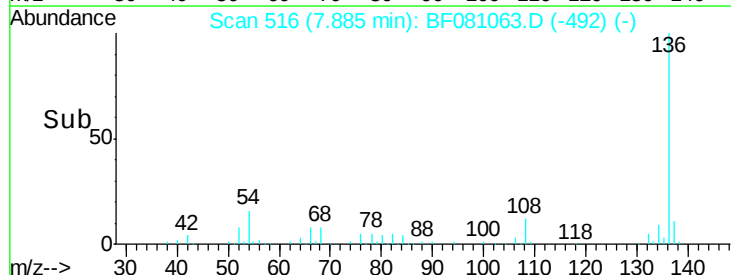
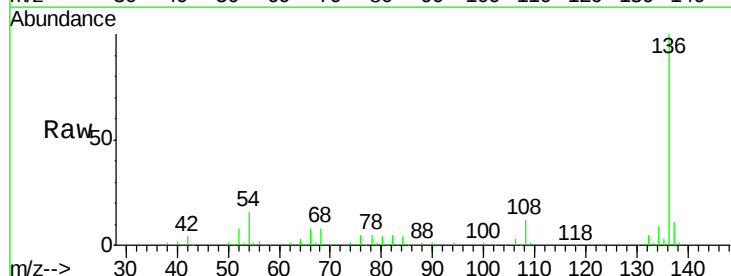
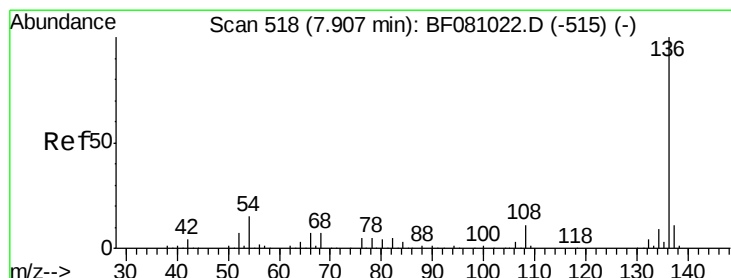
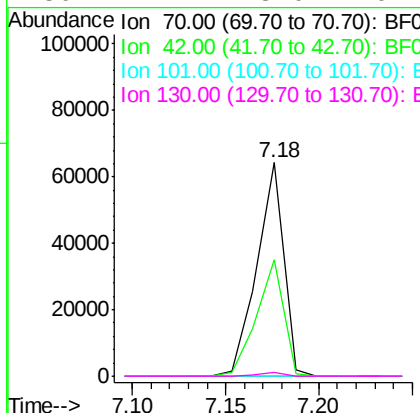




#19
n-Nitroso-di-n-propylamine
Concen: 15.81 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

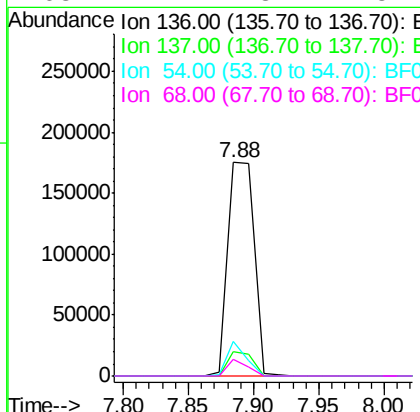
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 63703
Ion Ratio Lower Upper
70 100
42 54.5 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

Tgt Ion: 136 Resp: 244754
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 16.1 7.7 11.5#
68 7.7 3.4 5.2#

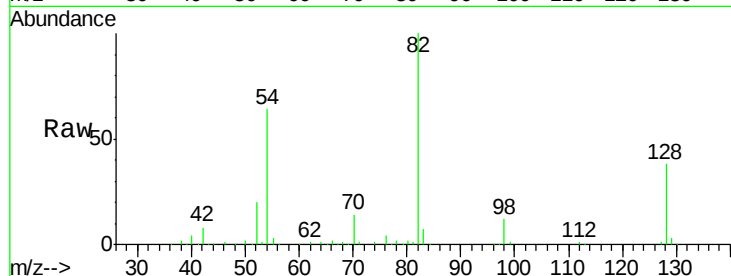




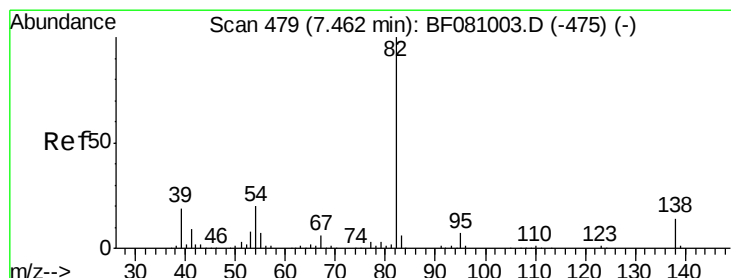
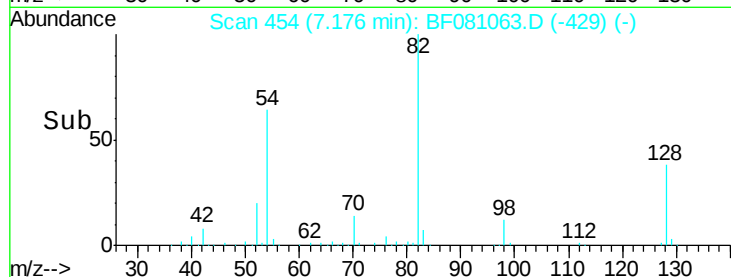
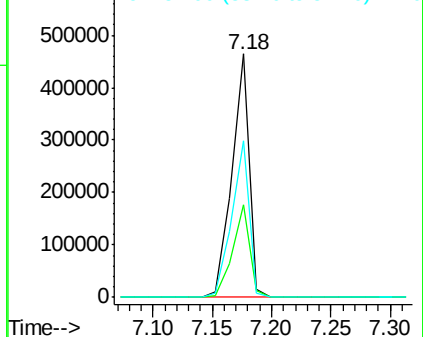
#23
Nitrobenzene-d5
Concen: 87.42 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	468389
Ion Ratio	100	Lower	Upper
128	37.9	28.6	42.8
54	64.5	55.1	82.7

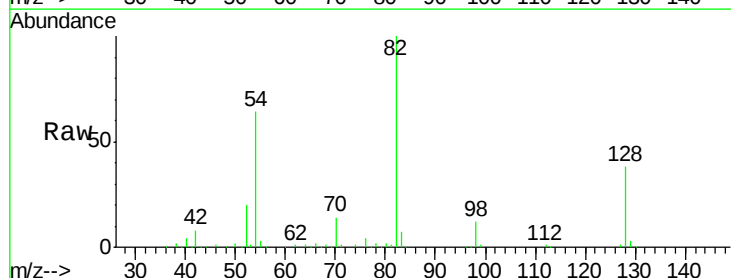


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

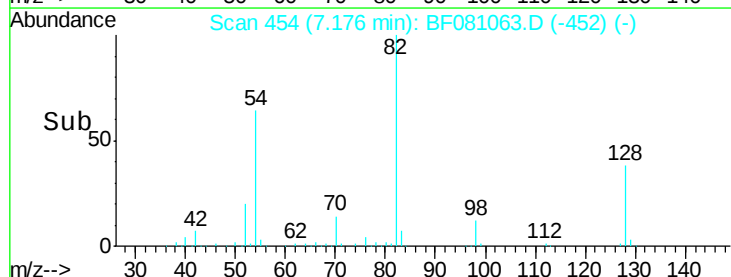
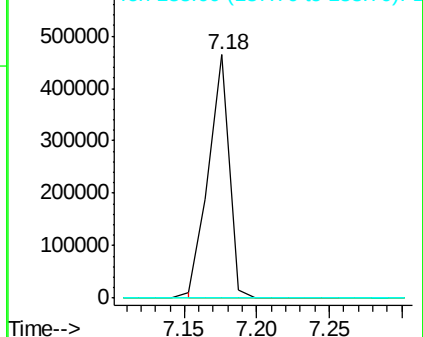


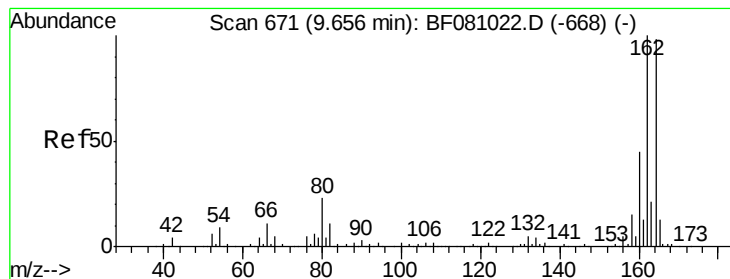
#25
Isophorone
Concen: 46.14 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.27 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

Tgt Ion	82	Resp	460996
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#



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: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

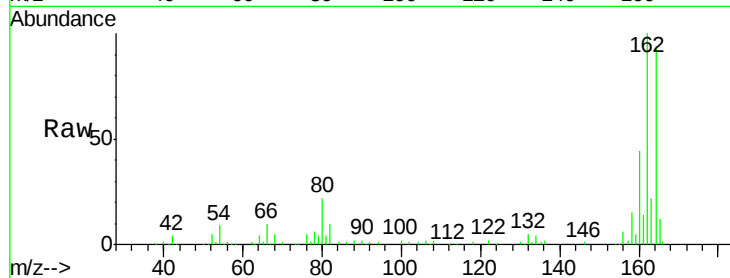
Tot Ion:164 Resp: 126819

Ion Ratio Lower Upper

164 100

162 106.0 83.8 125.8

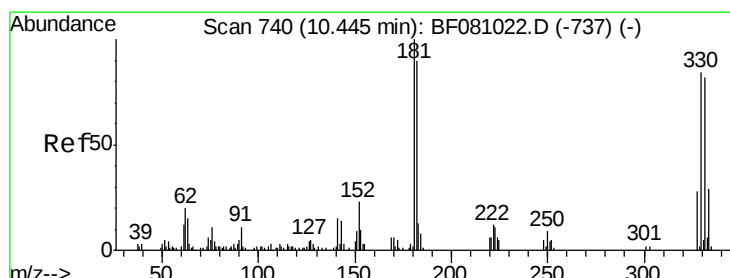
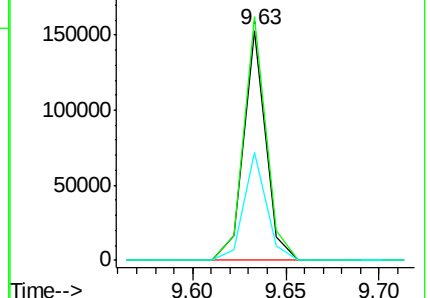
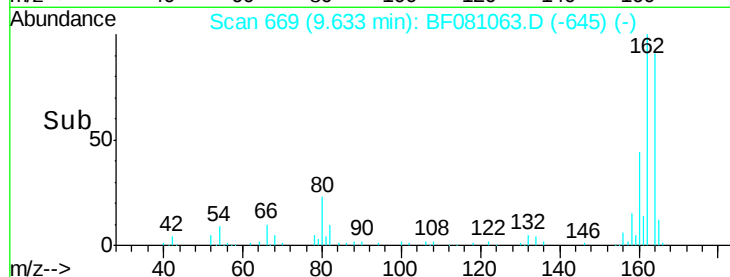
160 46.9 39.8 59.8



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: 113.13 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

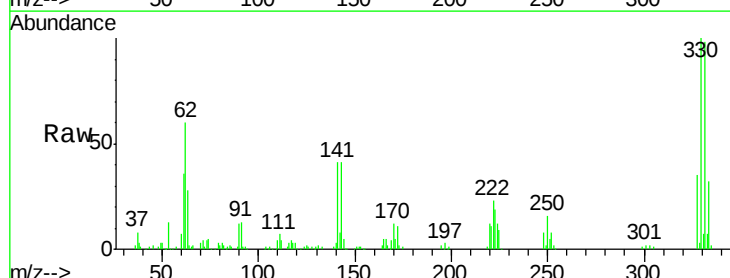
Tgt Ion:330 Resp: 124369

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

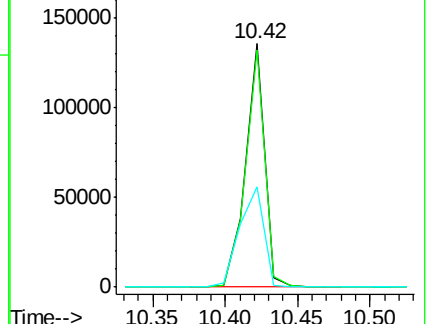
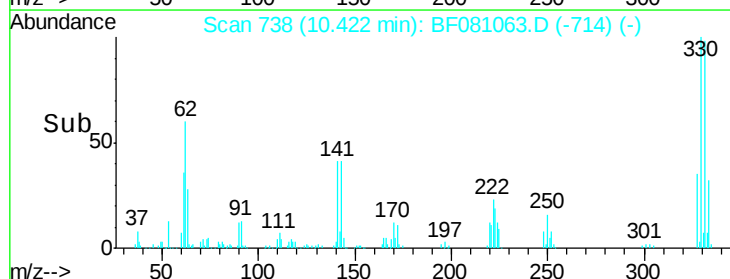
141 52.3 44.9 67.3

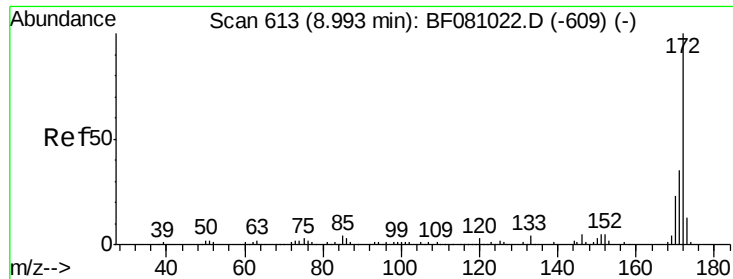


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

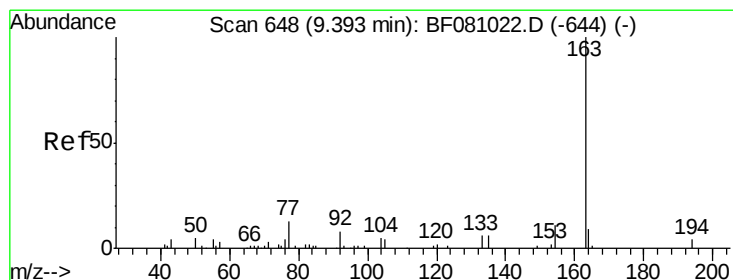
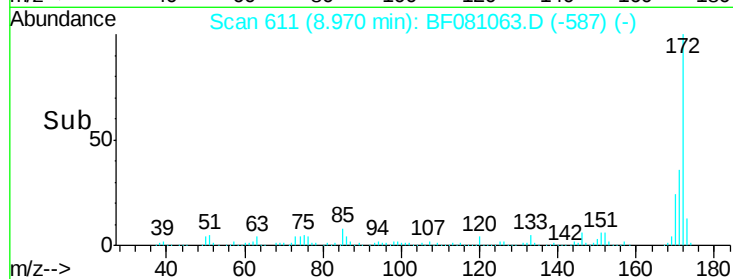
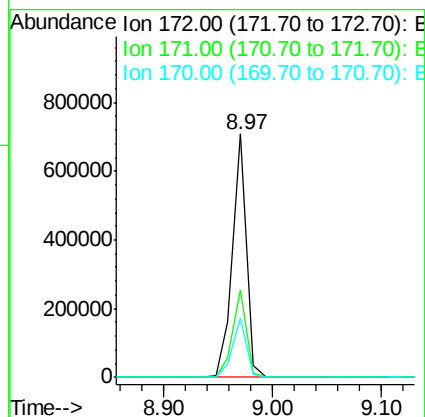
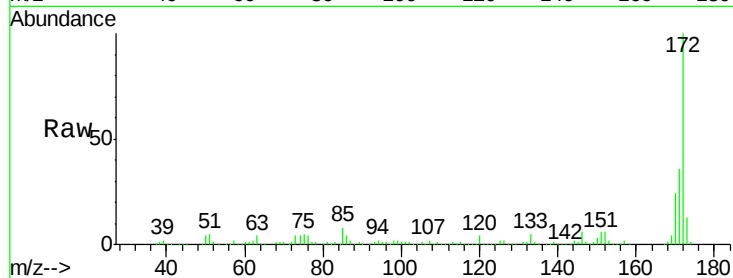




#44
2-Fluorobiphenyl
Concen: 64.73 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

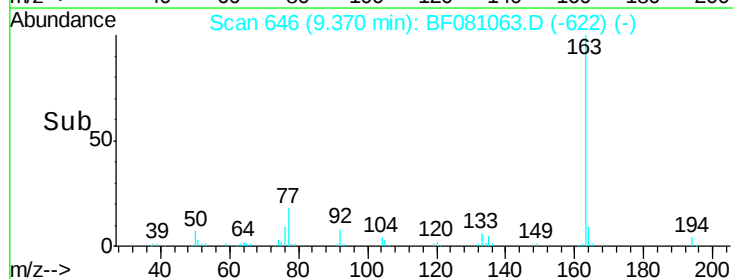
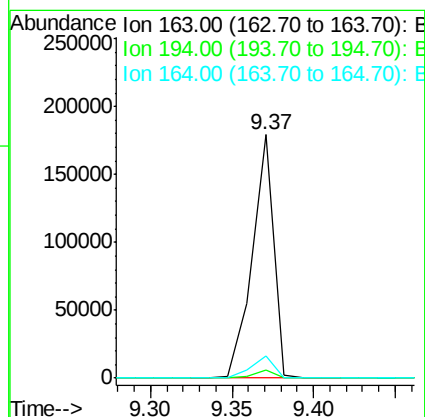
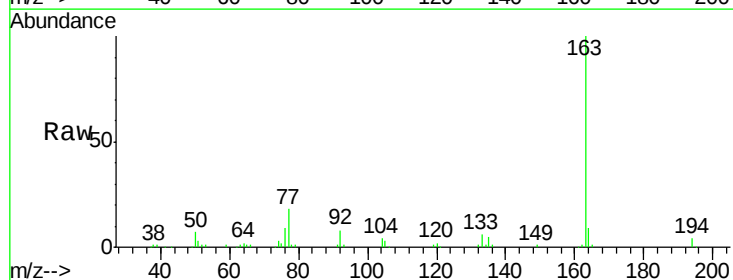
Instrument :
BNA_F
ClientSampled :

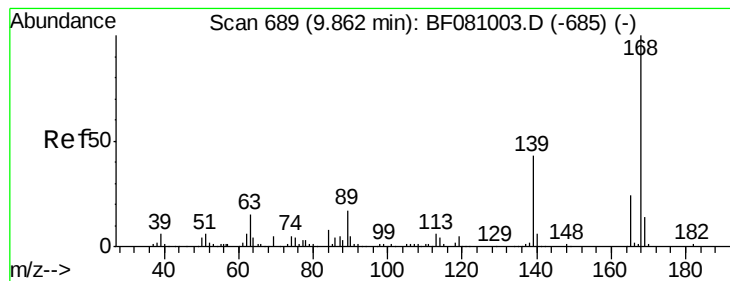
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.4	29.2



#49
Dimethylphthalate
Concen: 15.62 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081063.D
Acq: 19 Aug 2015 2:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.5	3.7
164	9.3	8.1	12.1

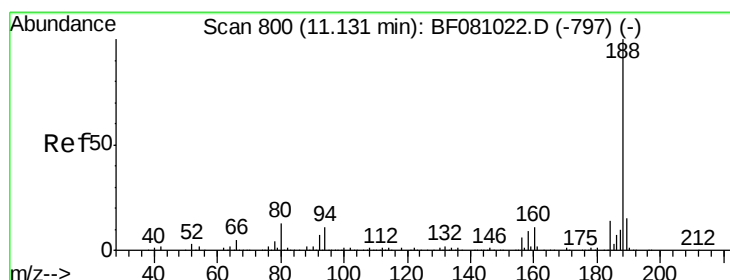
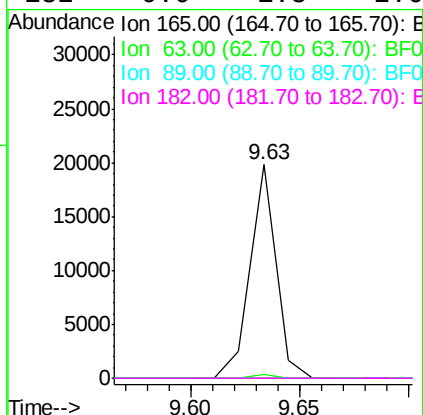
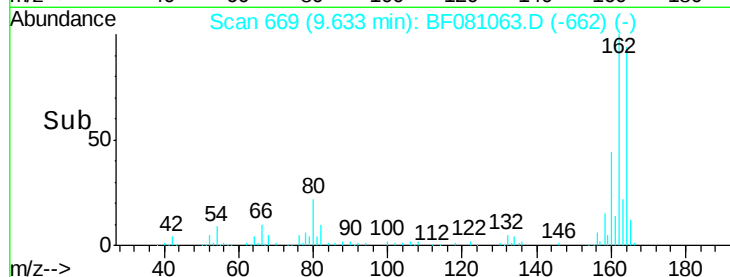
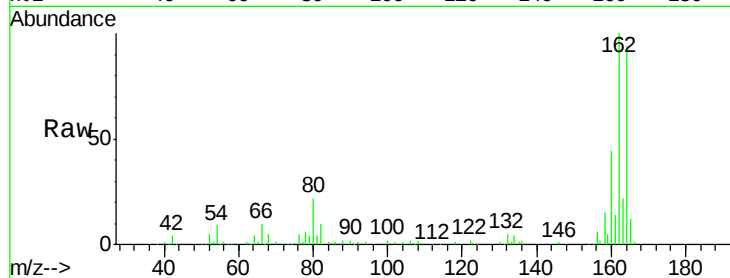




#56
 2,4-Dinitrotoluene
 Concen: 5.53 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

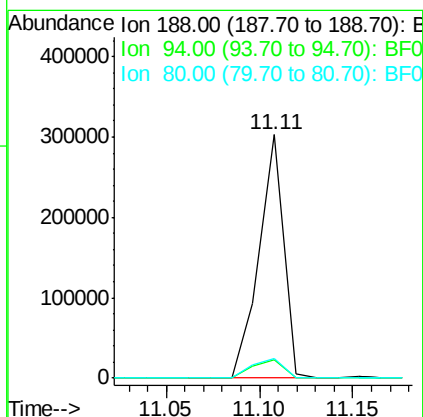
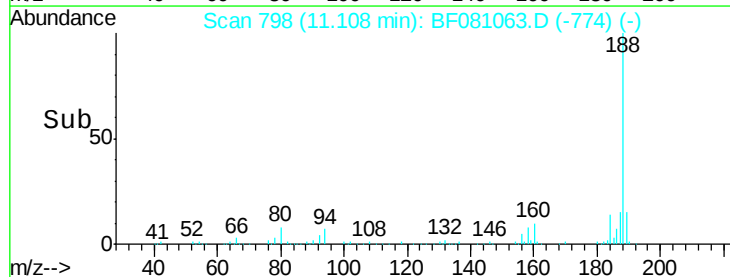
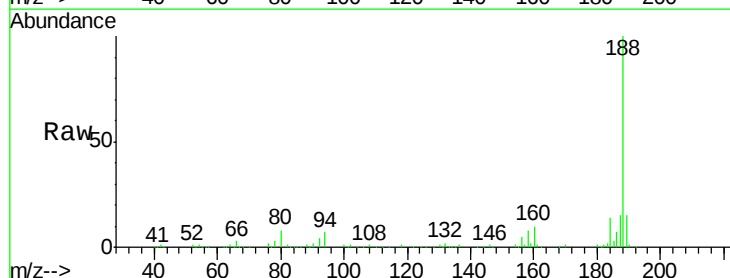
Instrument :
 BNA_F
 ClientSampleId :

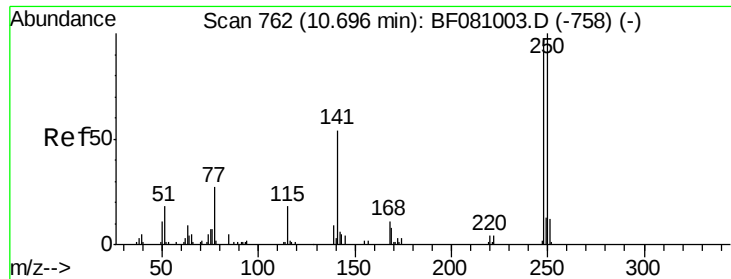
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.2#
80	8.1	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 3.68 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

Instrument :

BNA_F

ClientSampleId :

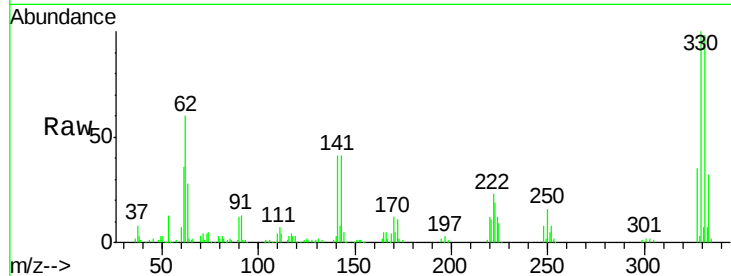
Tot Ion:248 Resp: 10015

Ion Ratio Lower Upper

248 100

250 196.3 77.8 116.6#

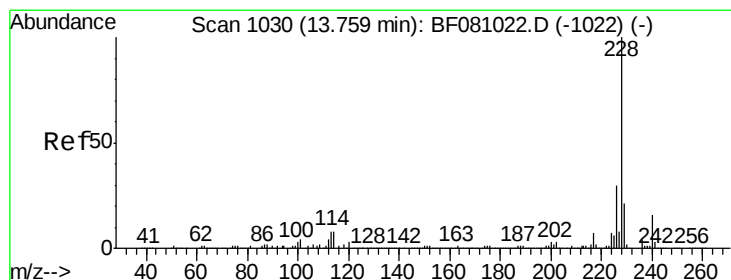
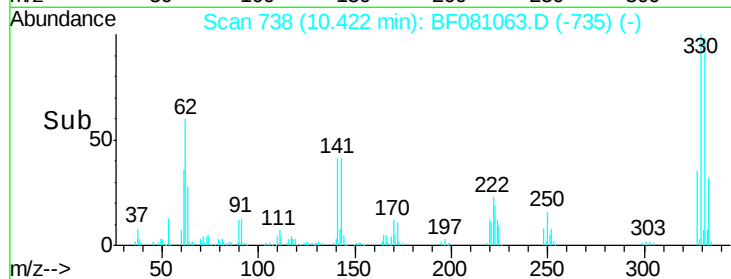
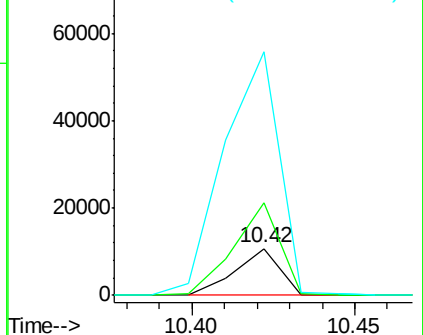
141 519.2 39.8 59.6#



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081063.D

Acq: 19 Aug 2015 2:12

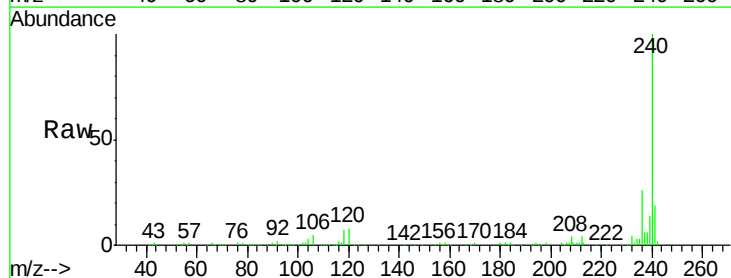
Tgt Ion:240 Resp: 238976

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

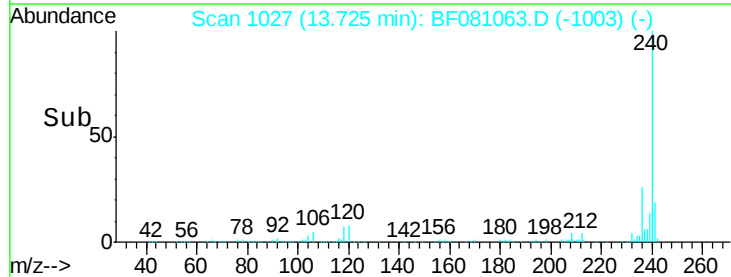
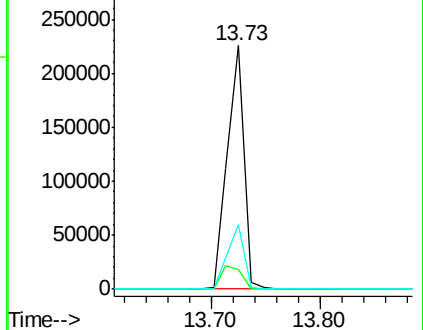
236 26.3 20.6 30.8

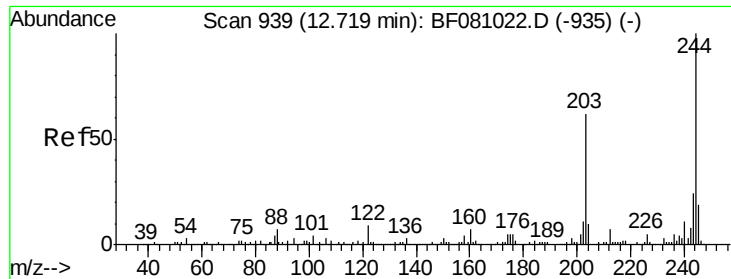


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

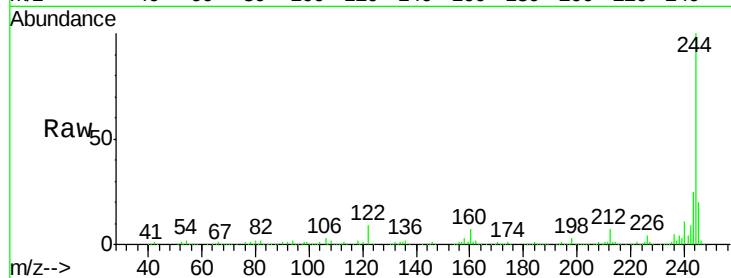




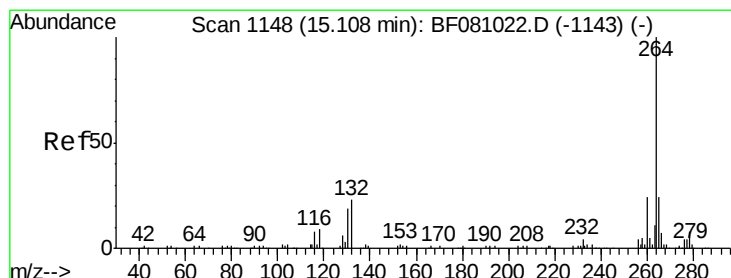
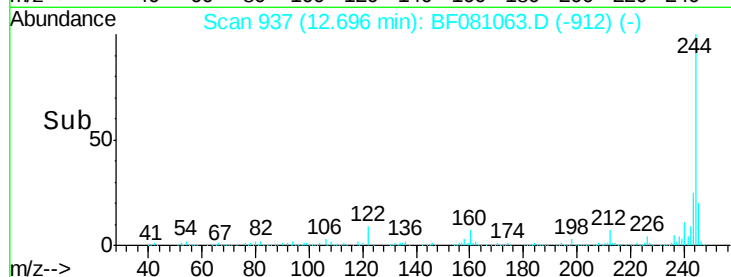
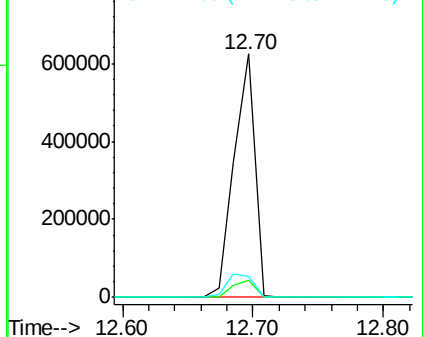
#78
 Terphenyl-d14
 Concen: 61.79 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 688793
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 8.5 8.2 12.4

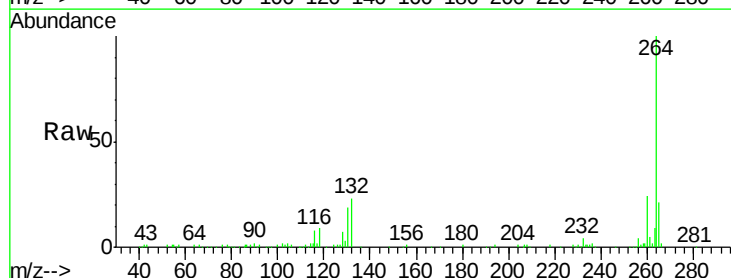


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081063.D
 Acq: 19 Aug 2015 2:12

Tgt Ion:264 Resp: 185397
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.5 17.5 26.3



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

