

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081067.D
 Acq On : 19 Aug 2015 5:21
 Operator : UM/IZ
 Sample : G3289-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 06:05:43 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

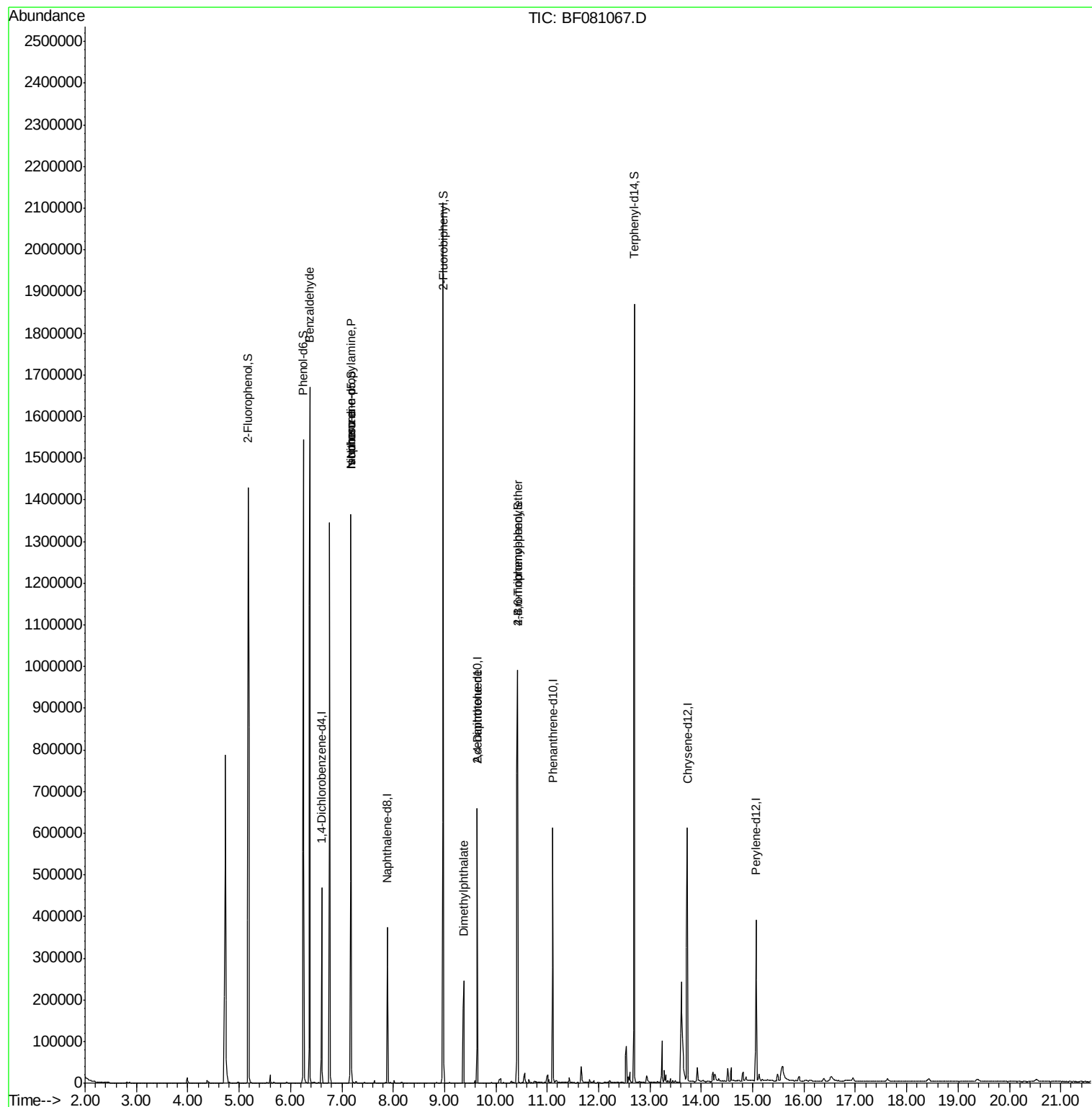
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	59555	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	216248	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	114359	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	246780	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	239301	20.00	ng	-0.02
86) Perylene-d12	15.06	264	181747	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	484511	122.37	ng	-0.01
7) Phenol-d6	6.25	99	634086	122.74	ng	-0.01
23) Nitrobenzene-d5	7.18	82	434085	91.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	130270	131.41	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	623138	71.40	ng	-0.02
78) Terphenyl-d14	12.70	244	705276	63.18	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.38	77	13600	4.08	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.18	70	59965	16.76	ng	# 68
25) Isophorone	7.18	82	429695	48.67	ng	# 71
49) Dimethylphthalate	9.37	163	129569	13.76	ng	99
56) 2,4-Dinitrotoluene	9.63	165	14363	5.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	9876	4.07	ng	# 1

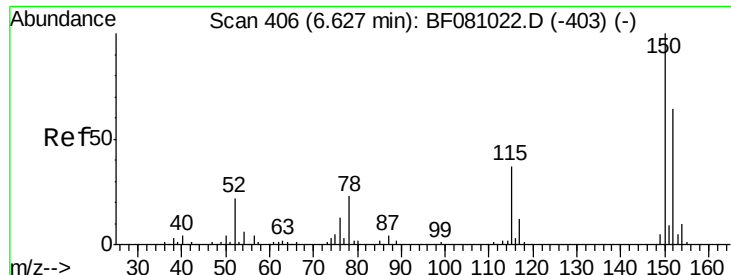
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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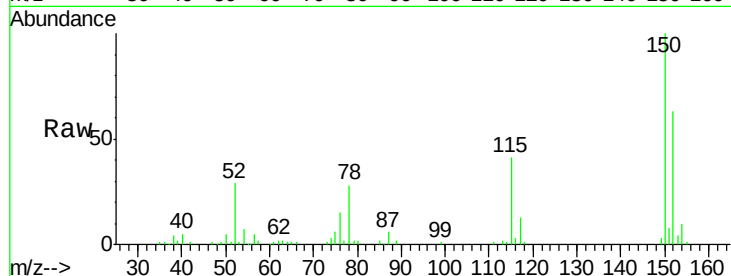


#1

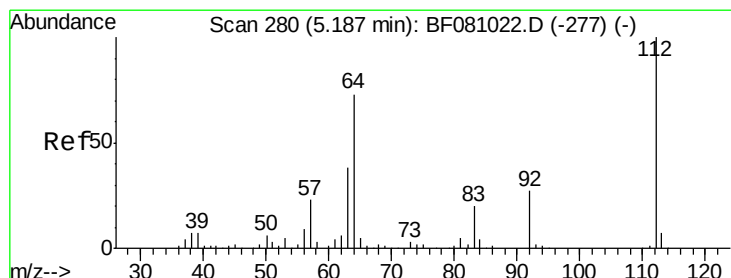
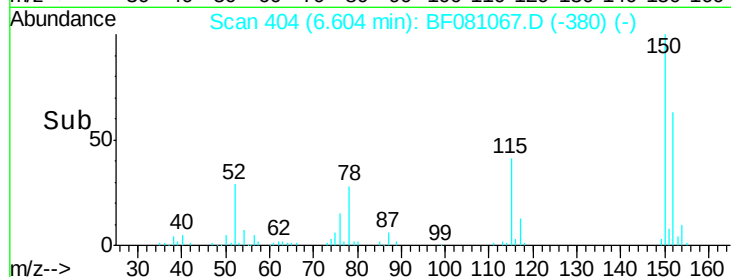
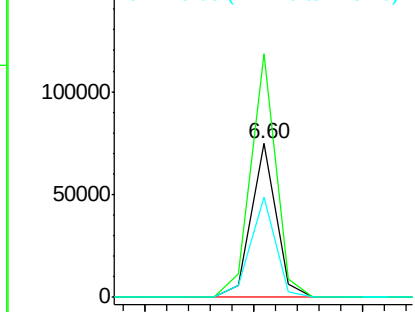
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081067.D
Acq: 19 Aug 2015 5:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59555
Ion Ratio Lower Upper
152 100
150 158.3 123.8 185.6
115 64.9 52.1 78.1



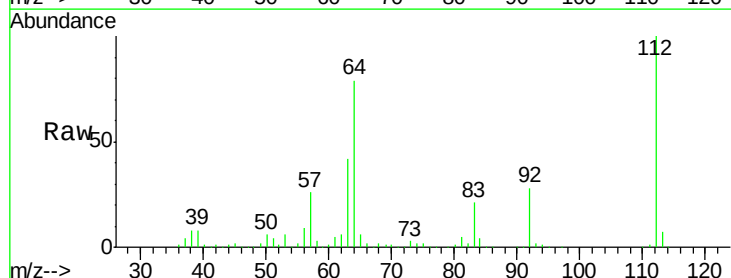
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



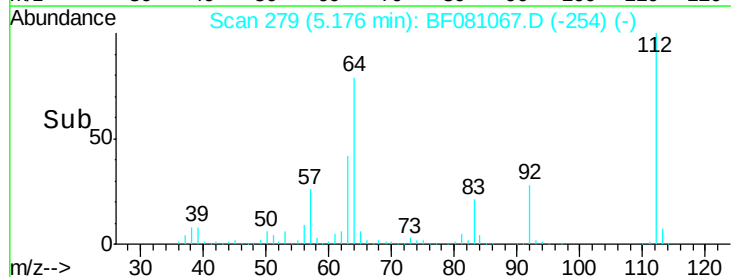
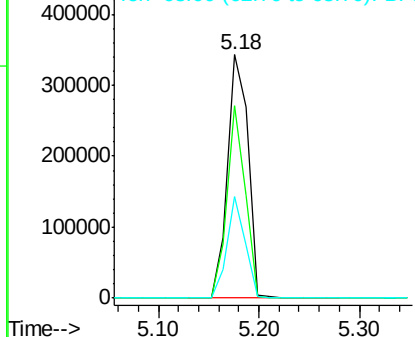
#5

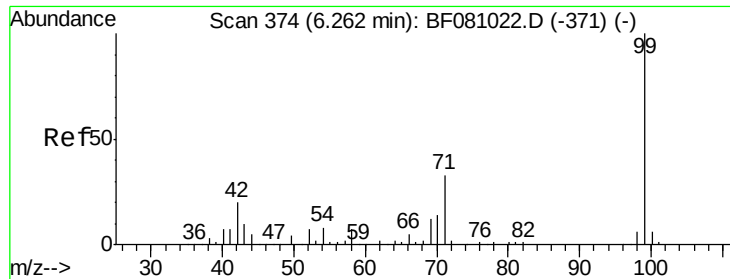
2-Fluorophenol
Concen: 122.37 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF081067.D
Acq: 19 Aug 2015 5:21

Tgt Ion:112 Resp: 484511
Ion Ratio Lower Upper
112 100
64 79.2 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: 122.74 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081067.D

Acq: 19 Aug 2015 5:21

Instrument :

BNA_F

ClientSampleId :

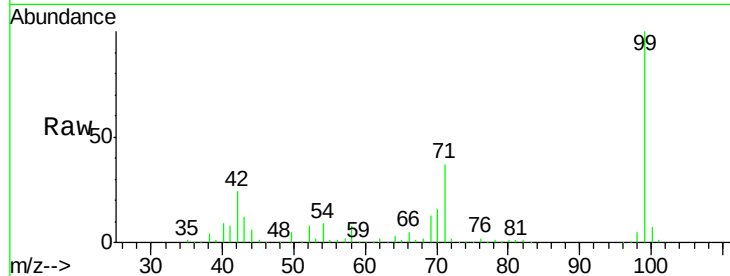
Tot Ion: 99 Resp: 634086

Ion Ratio Lower Upper

99 100

42 23.6 19.6 29.4

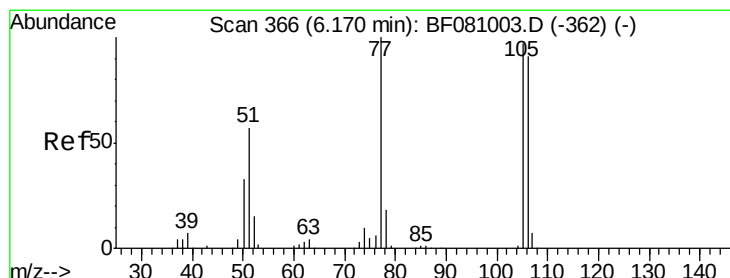
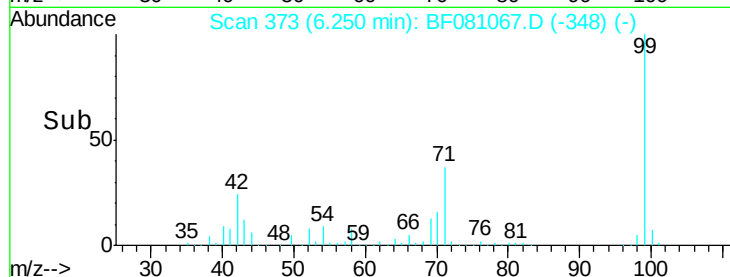
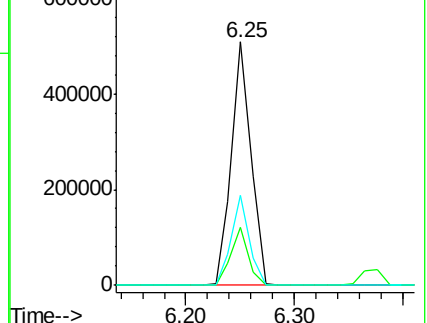
71 36.7 31.2 46.8



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: 4.08 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081067.D

Acq: 19 Aug 2015 5:21

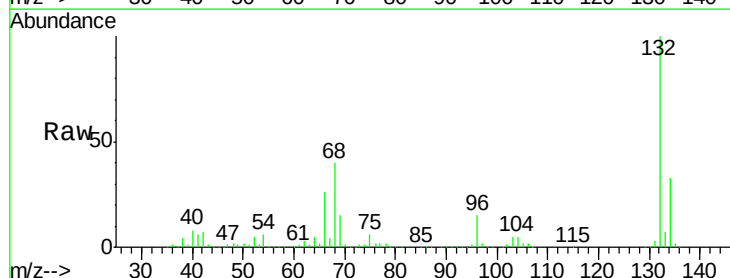
Tgt Ion: 77 Resp: 13600

Ion Ratio Lower Upper

77 100

105 84.5 69.6 109.6

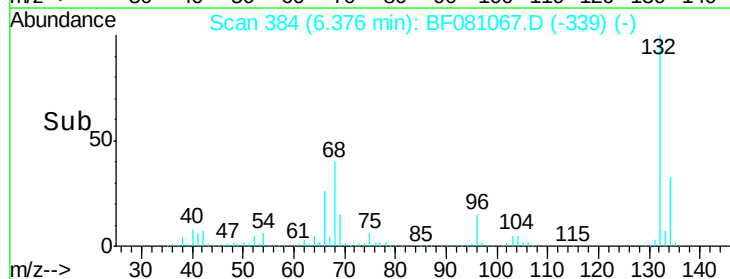
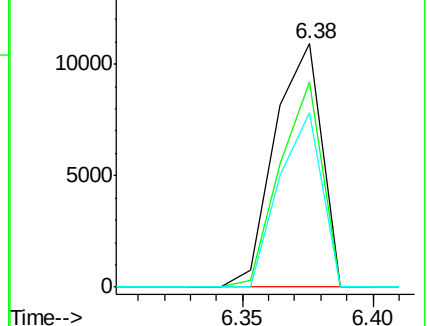
106 71.7 64.0 104.0

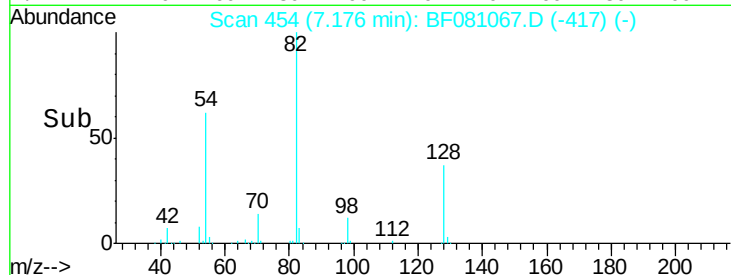
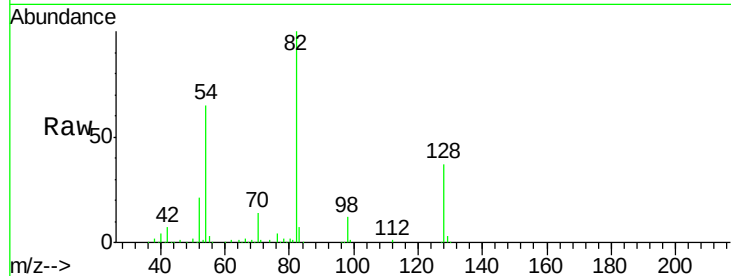
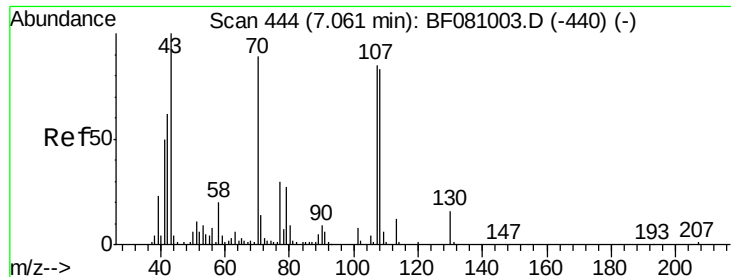


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

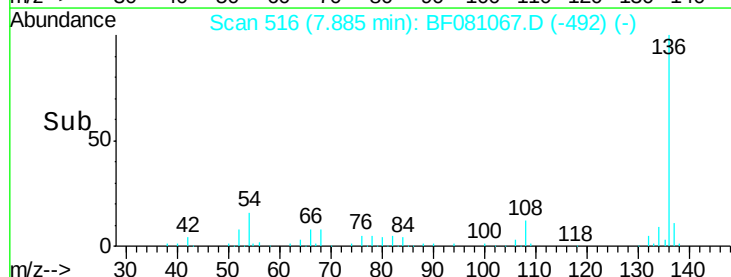
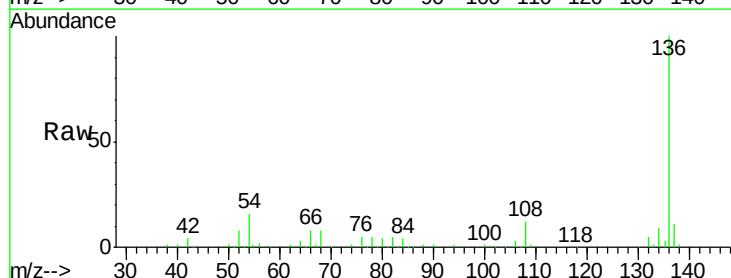
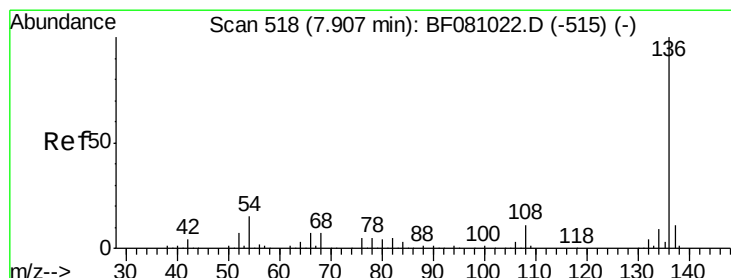
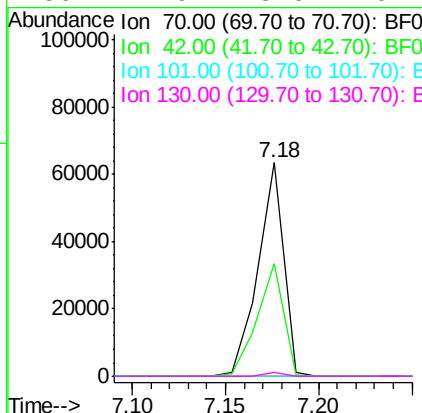




#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081067.D
Acq: 19 Aug 2015 5:21

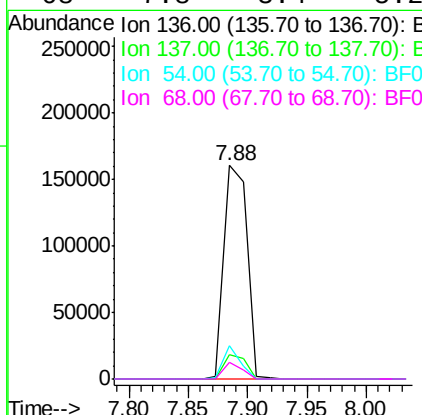
Instrument :
BNA_F
ClientSampleId :

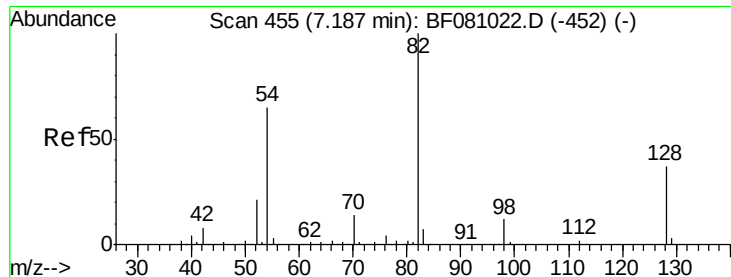
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	65.0	97.4#
101	0.0	7.4	11.2#
130	1.9	13.0	19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF081067.D
Acq: 19 Aug 2015 5:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	15.7	7.7	11.5#
68	7.8	3.4	5.2#

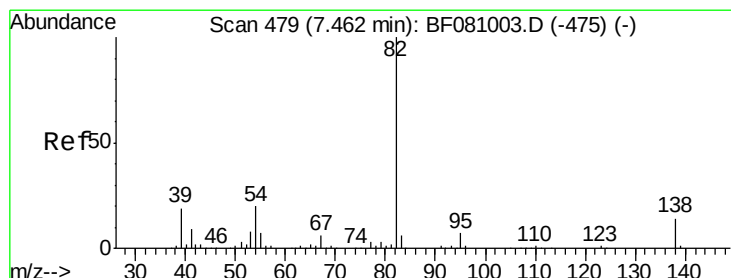
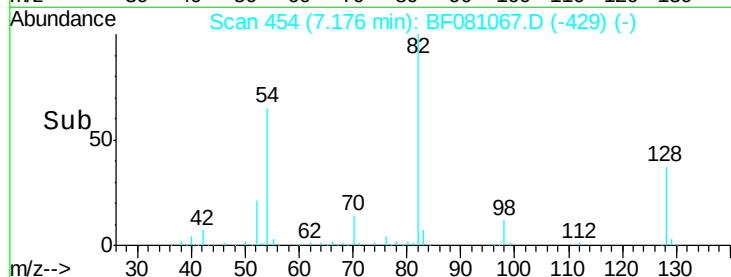
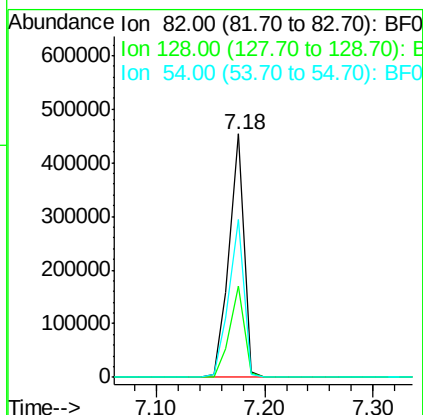
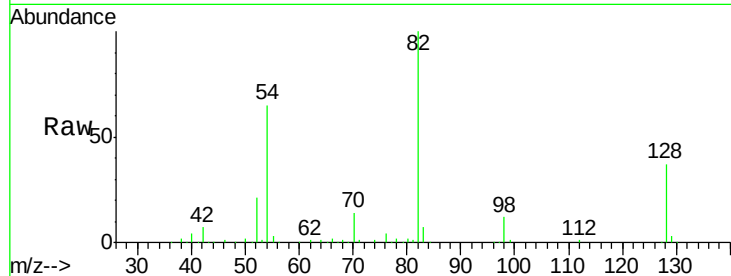




#23
 Nitrobenzene-d5
 Concen: 91.70 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

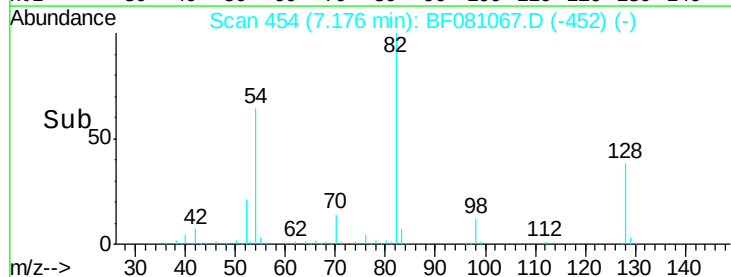
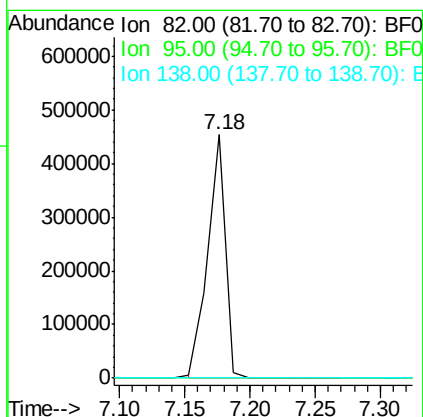
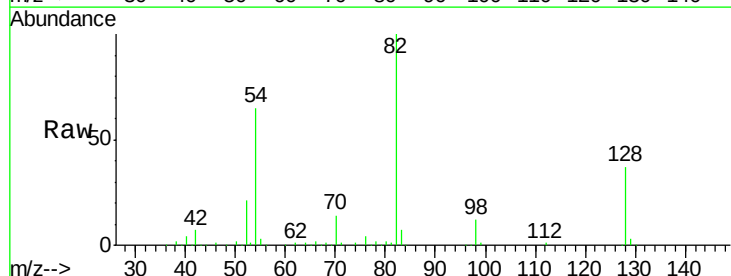
Instrument :
 BNA_F
 ClientSampleId :

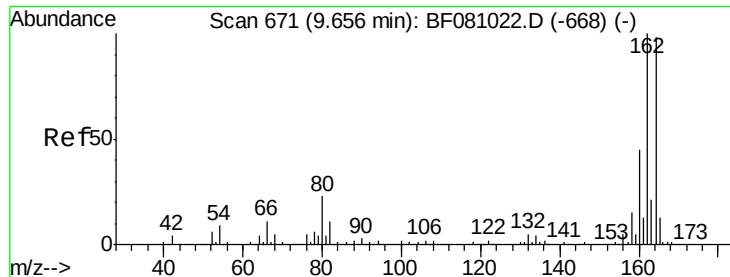
Tot Ion	82	Resp	434085
Ion Ratio	100	Lower	Upper
128	37.5	28.6	42.8
54	64.7	55.1	82.7



#25
 Isophorone
 Concen: 48.67 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.27 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

Tgt Ion	82	Resp	429695
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

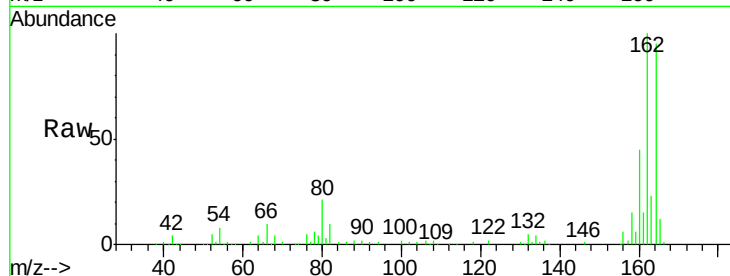




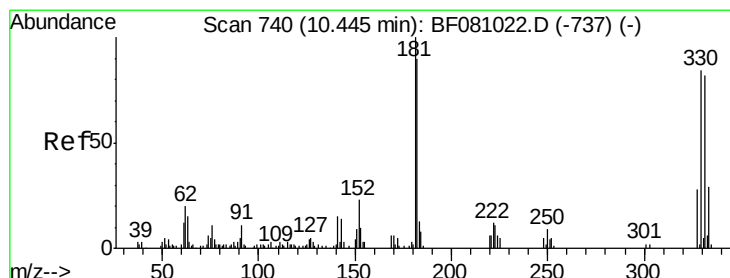
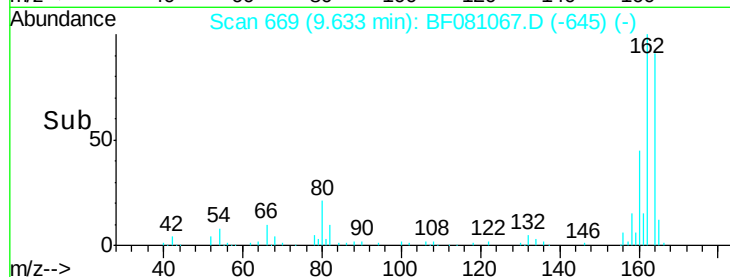
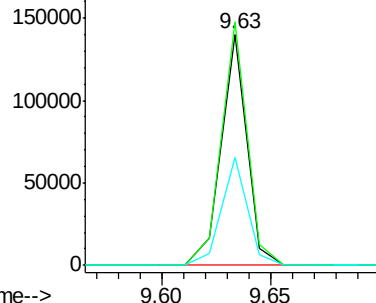
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 114359
 Ion Ratio Lower Upper
 164 100
 162 105.4 83.8 125.8
 160 47.0 39.8 59.8

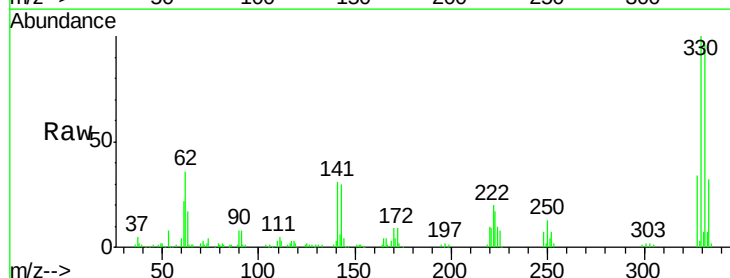


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

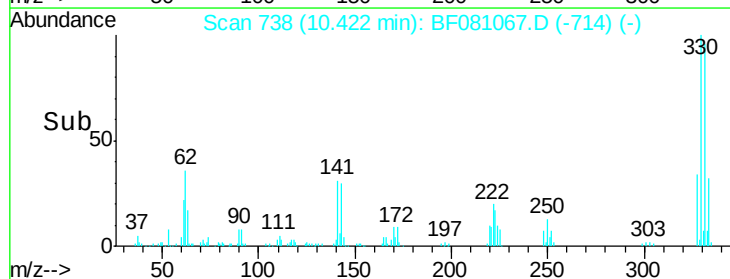
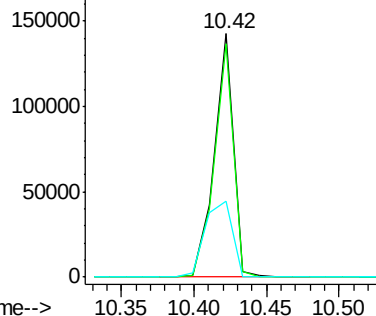


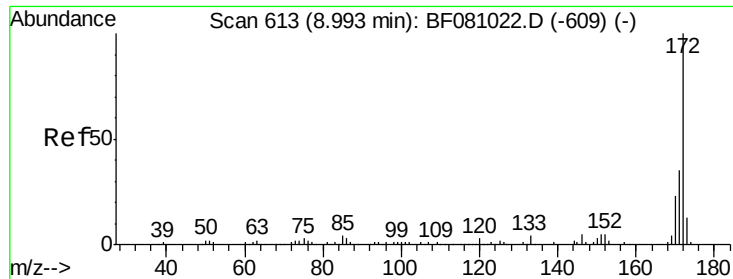
#41
 2,4,6-Tribromophenol
 Concen: 131.41 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

Tgt Ion:330 Resp: 130270
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 45.3 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

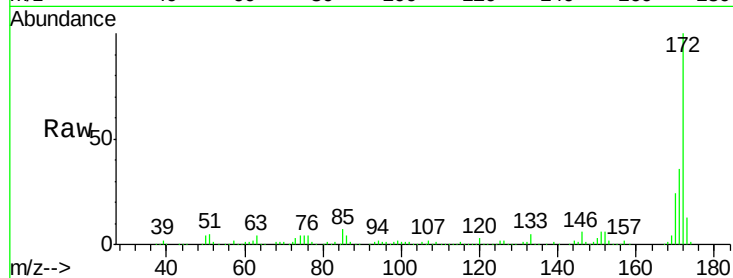




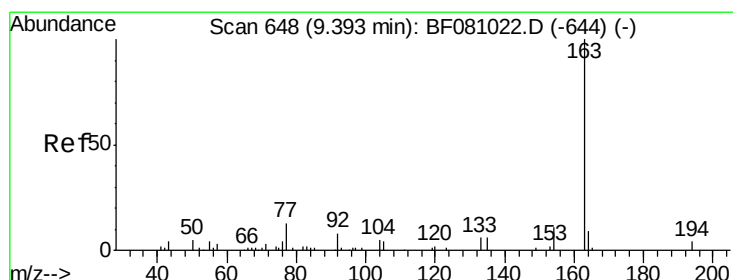
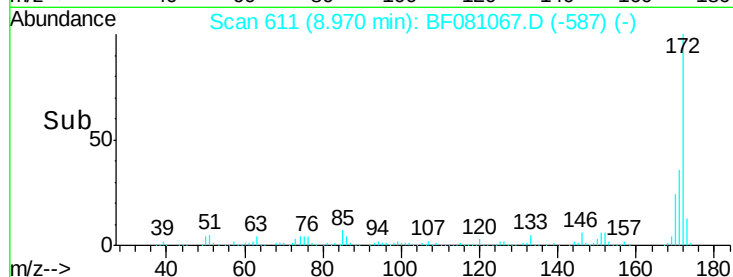
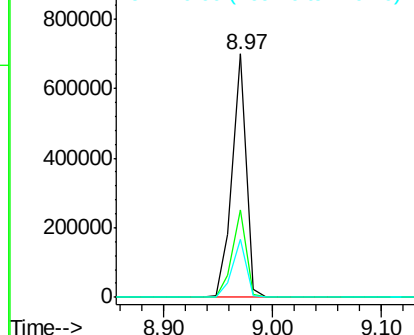
#44
2-Fluorobiphenyl
Concen: 71.40 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081067.D
Acq: 19 Aug 2015 5:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.0	19.4	29.2

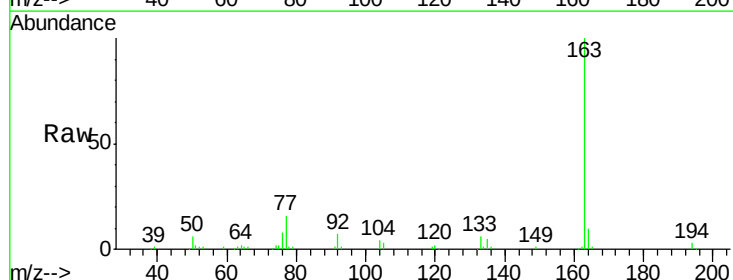


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

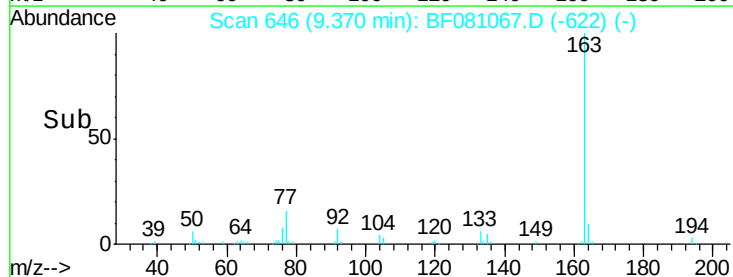
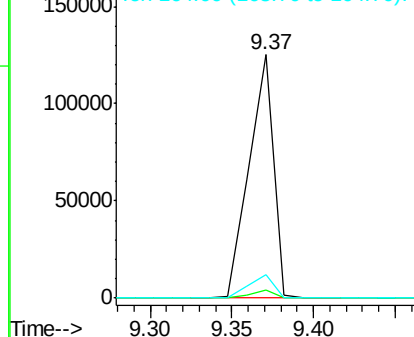


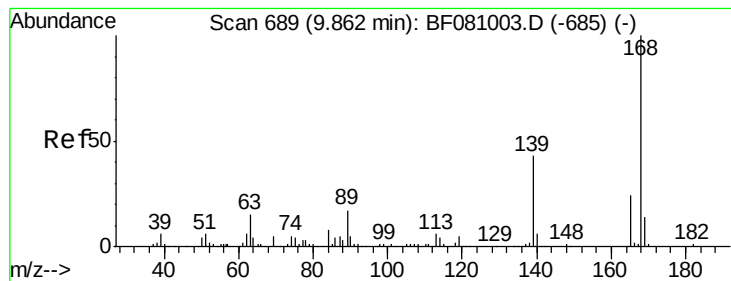
#49
Dimethylphthalate
Concen: 13.76 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081067.D
Acq: 19 Aug 2015 5:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.5	3.7
164	9.6	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

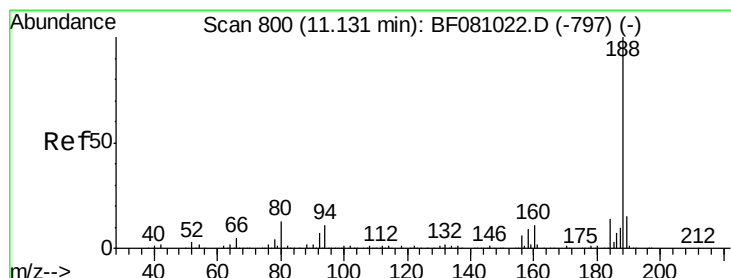
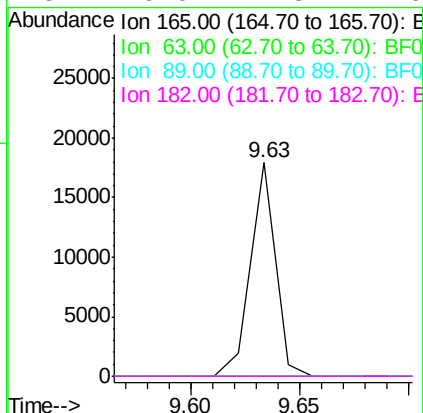
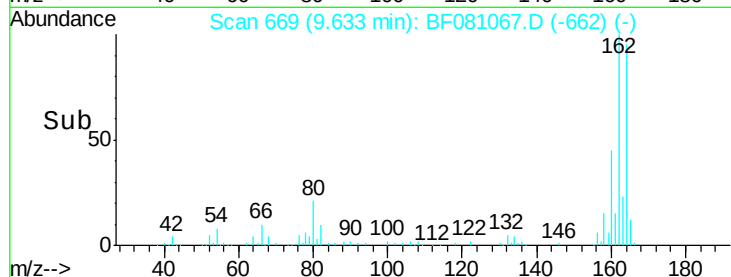
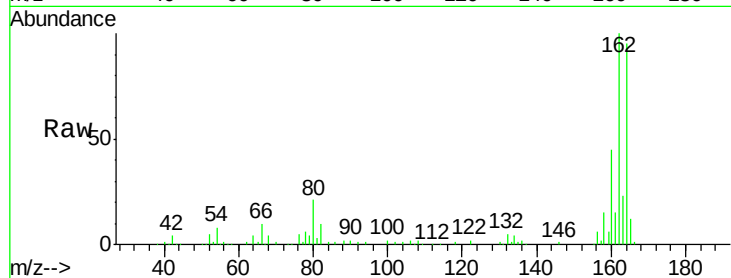




#56
 2,4-Dinitrotoluene
 Concen: 5.36 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

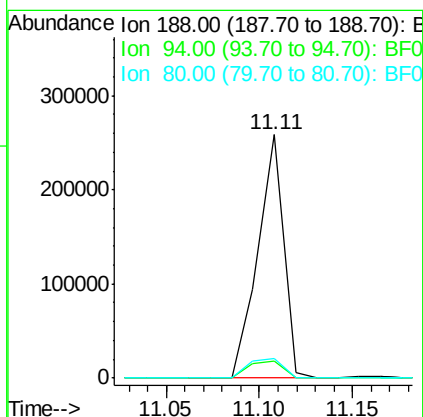
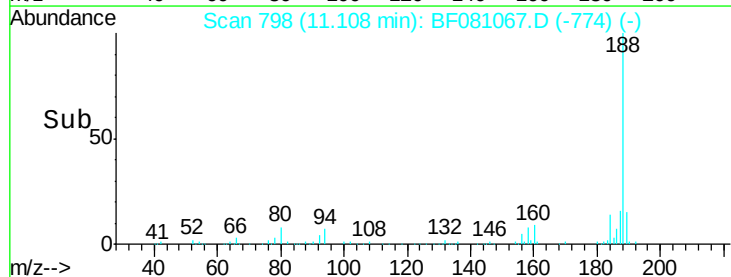
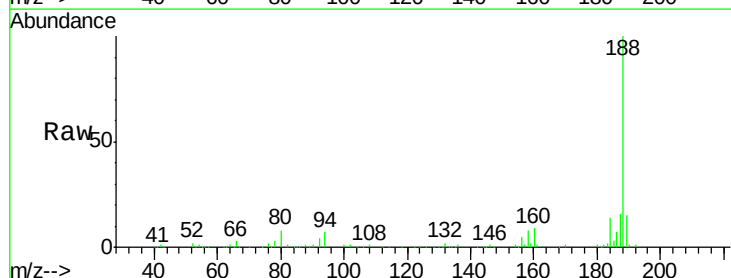
Instrument :
 BNA_F
 ClientSampleId :

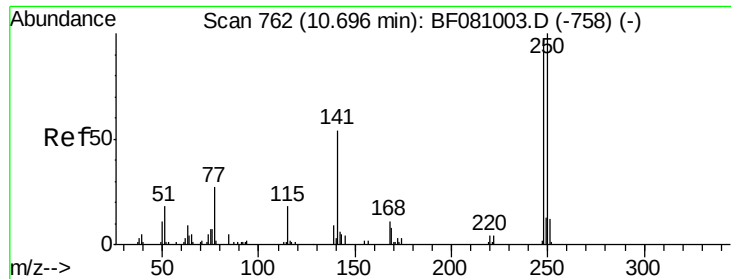
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.2#
80	7.9	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081067.D

Acq: 19 Aug 2015 5:21

Instrument :

BNA_F

ClientSampleId :

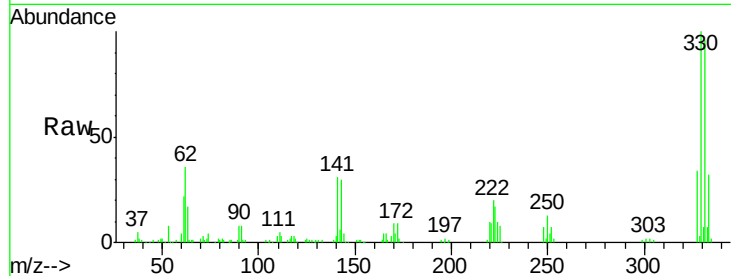
Tot Ion:248 Resp: 9876

Ion Ratio Lower Upper

248 100

250 187.7 77.8 116.6#

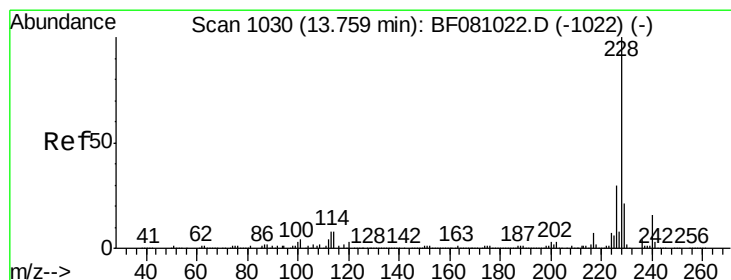
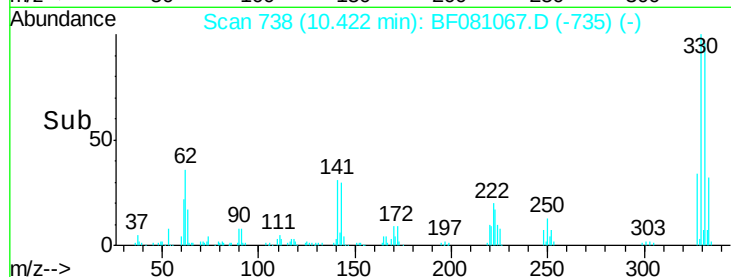
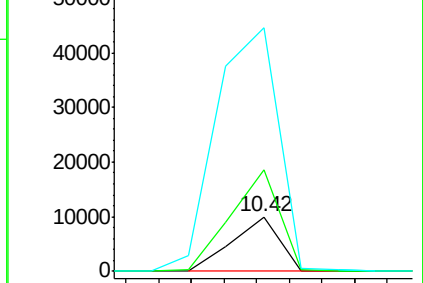
141 447.3 39.8 59.6#



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: BF081067.D

Acq: 19 Aug 2015 5:21

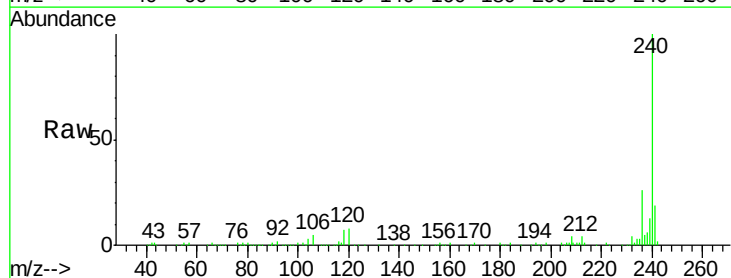
Tgt Ion:240 Resp: 239301

Ion Ratio Lower Upper

240 100

120 8.1 5.6 8.4

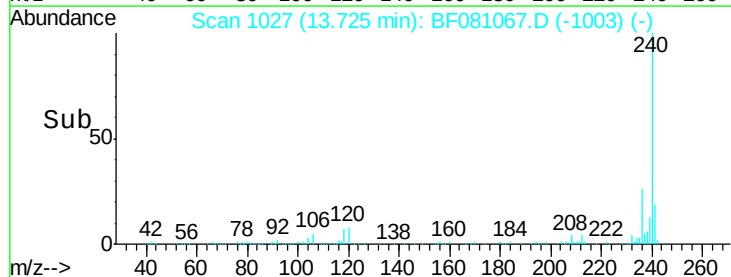
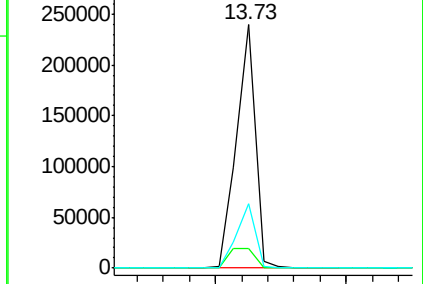
236 26.3 20.6 30.8

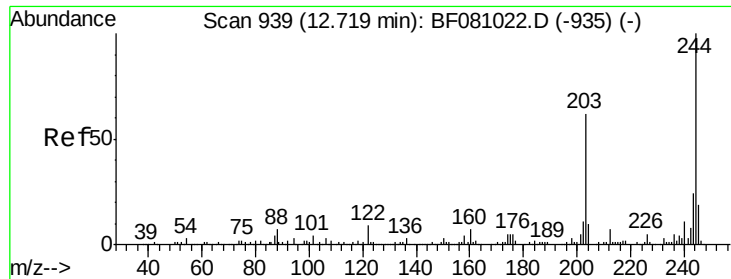


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

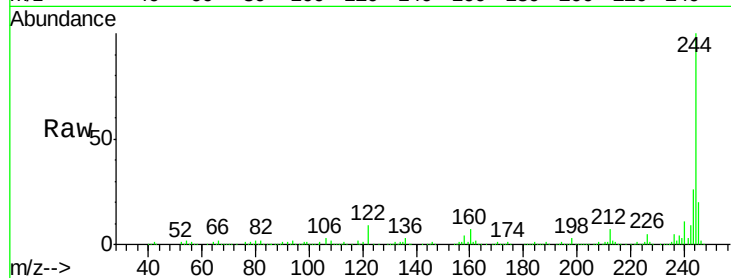




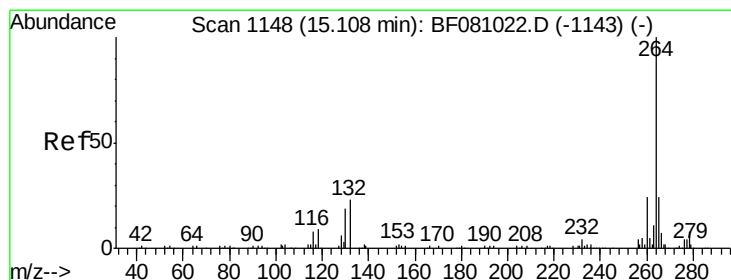
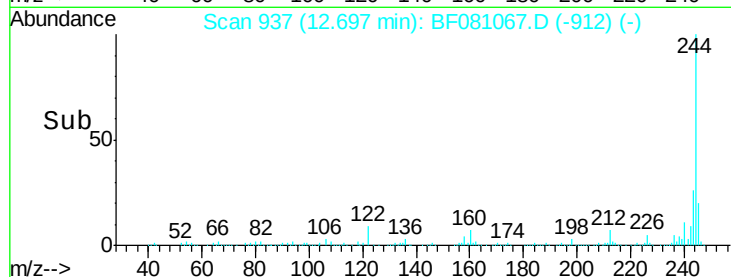
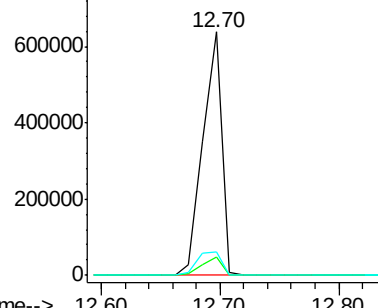
#78
 Terphenyl-d14
 Concen: 63.18 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 705276
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.4 8.2 12.4

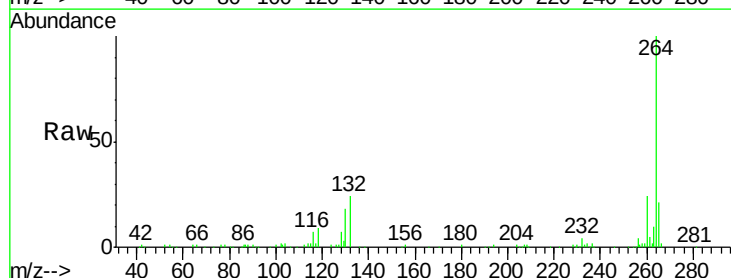


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081067.D
 Acq: 19 Aug 2015 5:21

Tgt Ion:264 Resp: 181747
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.1 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

