

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081207.D
 Acq On : 25 Aug 2015 19:35
 Operator : UM/IZ
 Sample : G3407-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:08:55 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

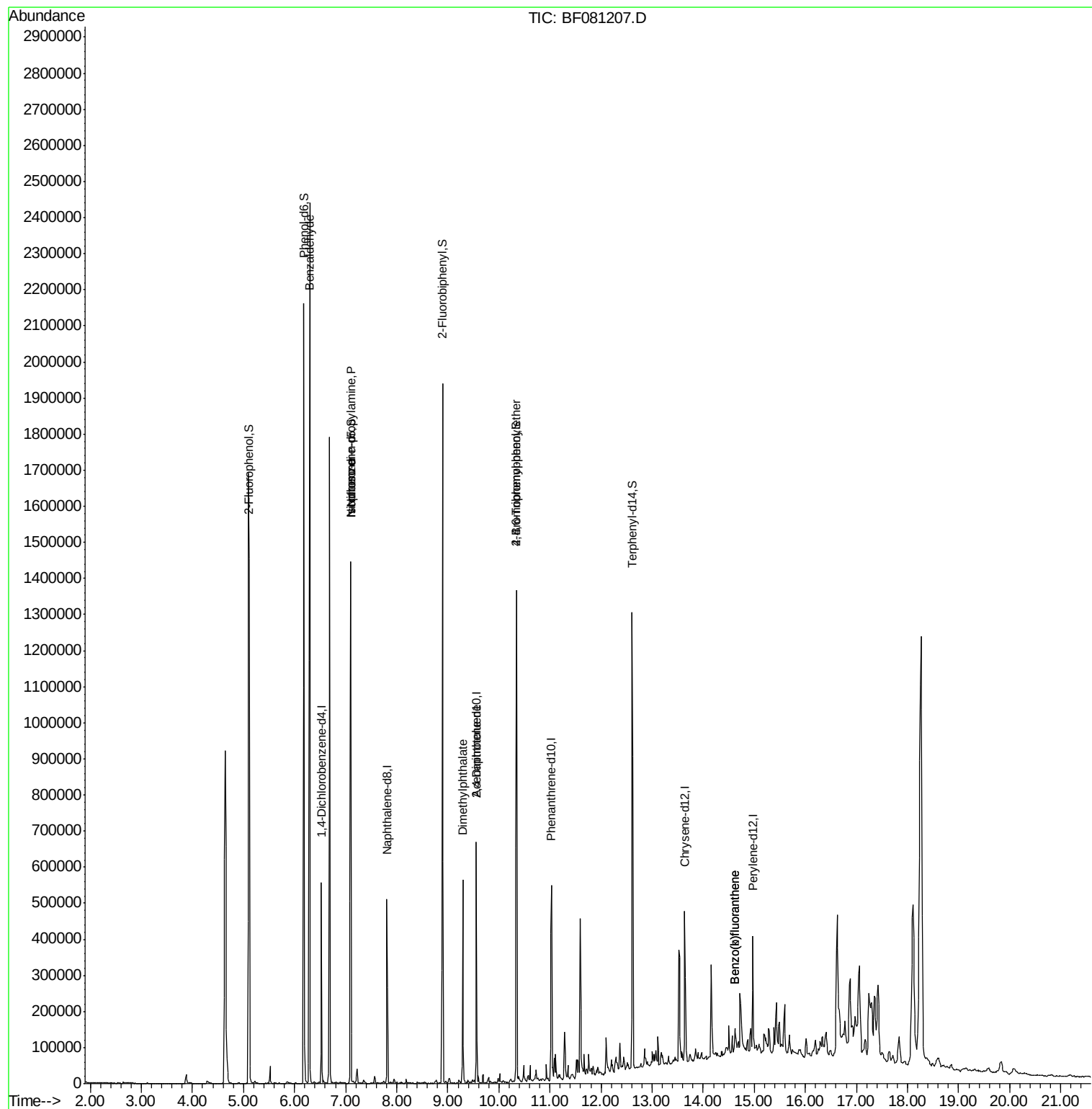
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	73137	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	256415	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	119378	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	235545	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	150966	20.00	ng	-0.02
86) Perylene-d12	14.97	264	127031	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	654231	134.55	ng	0.01
7) Phenol-d6	6.18	99	783955	123.57	ng	-0.01
23) Nitrobenzene-d5	7.10	82	486163	86.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	128876	124.54	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	643704	70.65	ng	-0.01
78) Terphenyl-d14	12.61	244	499335	70.91	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	17374	4.25	ng	81
19) n-Nitroso-di-n-propylamine	7.10	70	65966	15.01	ng	# 70
25) Isophorone	7.10	82	367327	35.09	ng	# 71
49) Dimethylphthalate	9.29	163	193707	19.70	ng	99
56) 2,4-Dinitrotoluene	9.56	165	15055	5.38	ng	# 18
66) 4-Bromophenyl-phenylether	10.34	248	10664	4.61	ng	# 1
87) Benzo(b)fluoranthene	14.62	252	19557	2.18	ng	# 85
88) Benzo(k)fluoranthene	14.62	252	19557	2.34	ng	# 87

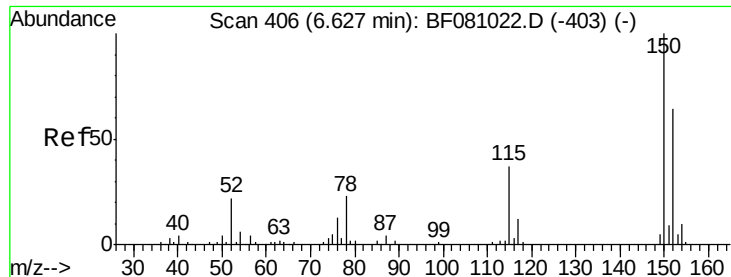
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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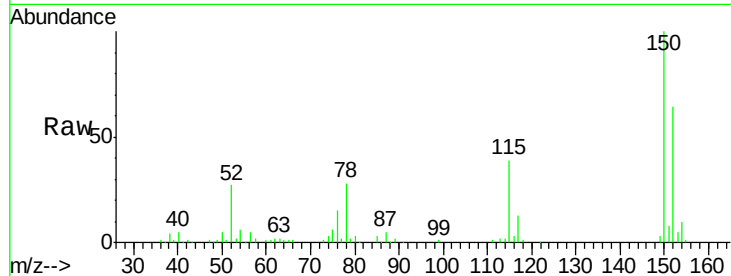


#1

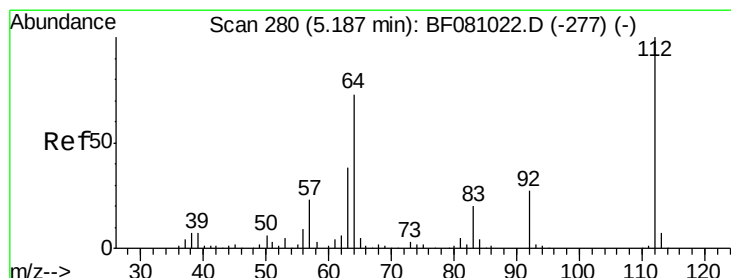
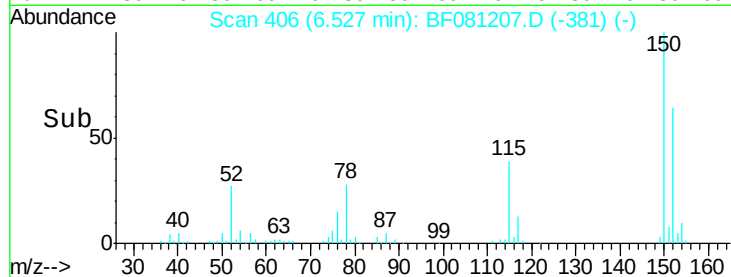
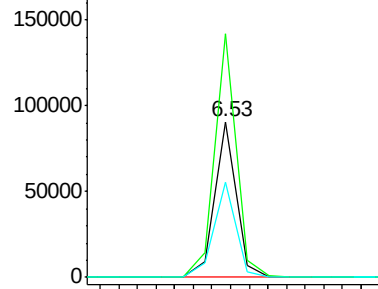
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081207.D
Acq: 25 Aug 2015 19:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73137
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 61.3 52.1 78.1



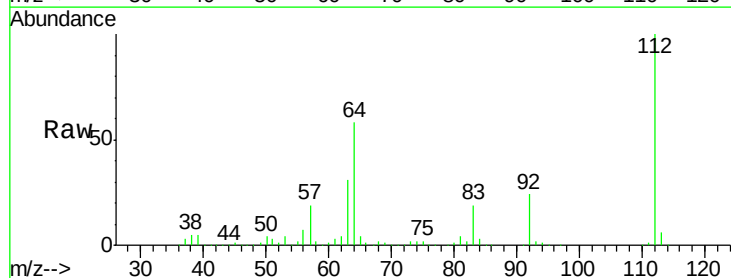
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



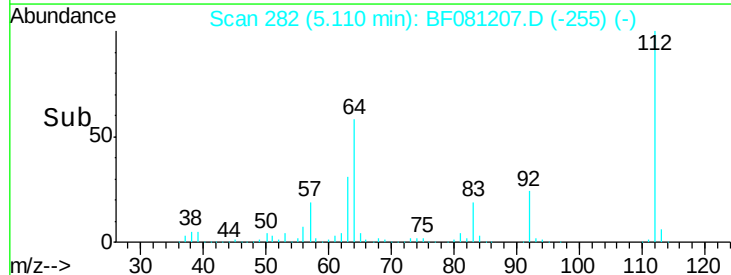
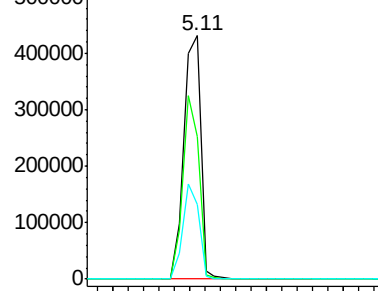
#5

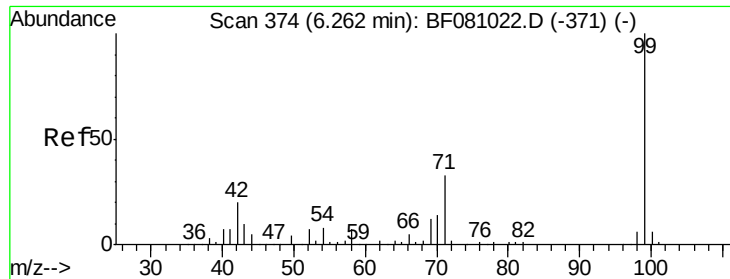
2-Fluorophenol
Concen: 134.55 ng
RT: 5.11 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF081207.D
Acq: 25 Aug 2015 19:35

Tgt Ion:112 Resp: 654231
Ion Ratio Lower Upper
112 100
64 58.5 66.9 100.3#
63 30.7 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: 123.57 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081207.D

Acq: 25 Aug 2015 19:35

Instrument :

BNA_F

ClientSampled :

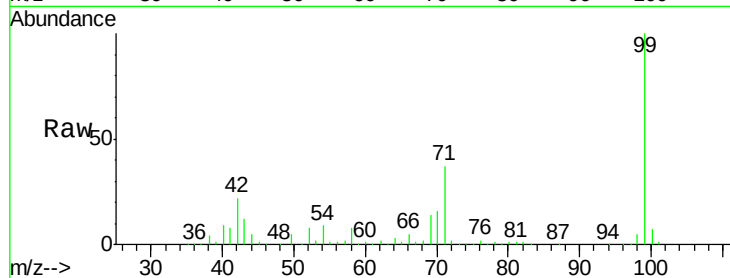
Tot Ion: 99 Resp: 783955

Ion Ratio Lower Upper

99 100

42 22.4 19.6 29.4

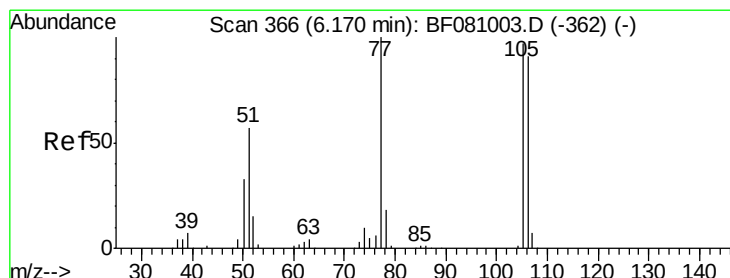
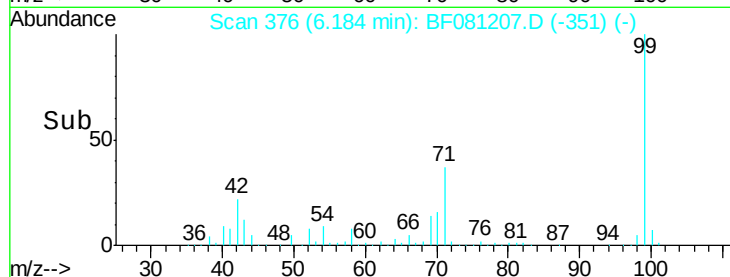
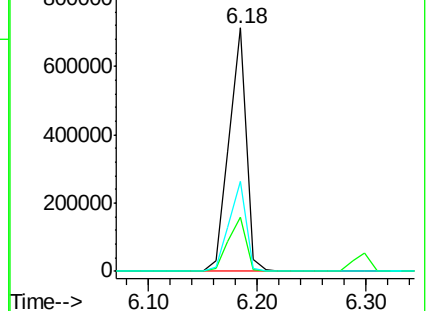
71 36.8 31.2 46.8



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: 4.25 ng

RT: 6.30 min Scan# 386

Delta R.T. 0.22 min

Lab File: BF081207.D

Acq: 25 Aug 2015 19:35

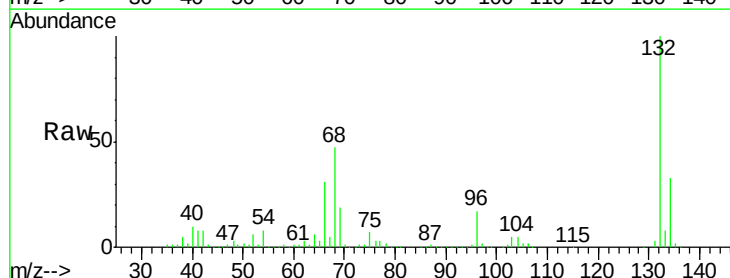
Tgt Ion: 77 Resp: 17374

Ion Ratio Lower Upper

77 100

105 74.5 69.6 109.6

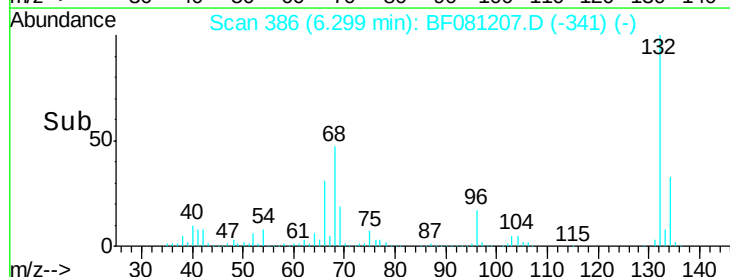
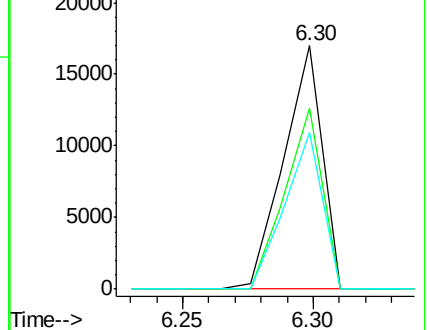
106 64.5 64.0 104.0

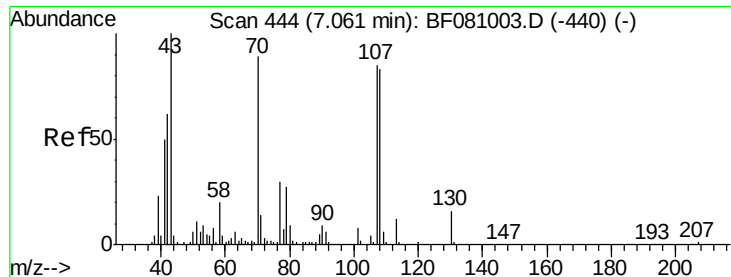


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.01 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF081207.D

Acq: 25 Aug 2015 19:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 65966

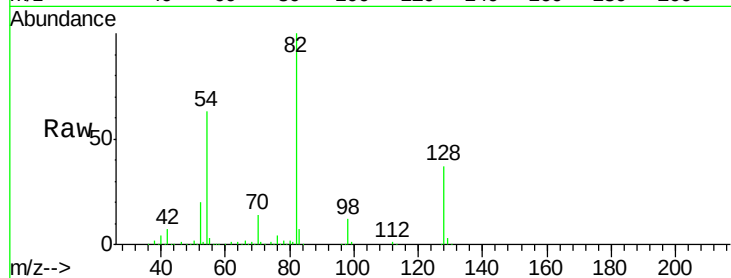
Ion Ratio Lower Upper

70 100

42 54.2 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

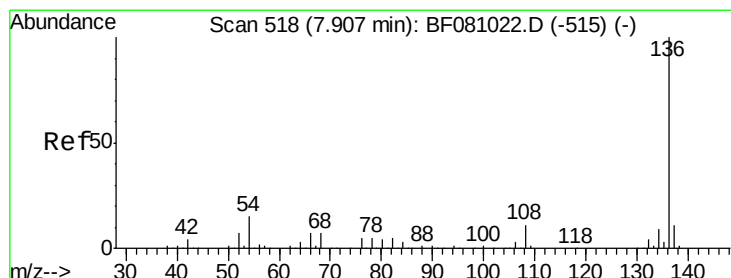
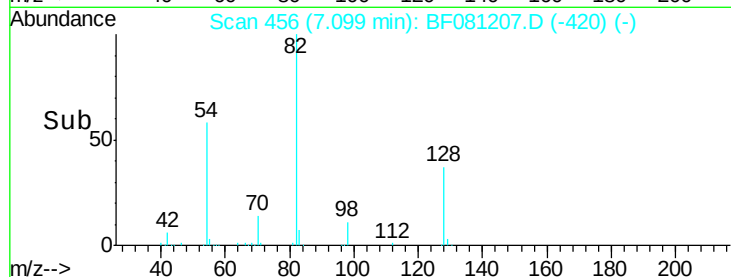
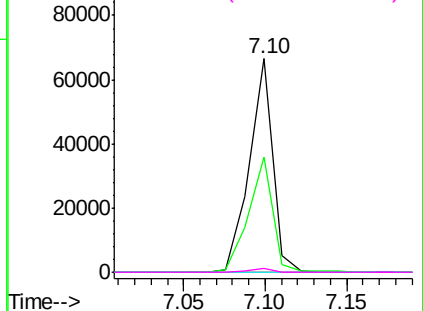


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF081207.D

Acq: 25 Aug 2015 19:35

Tgt Ion: 136 Resp: 256415

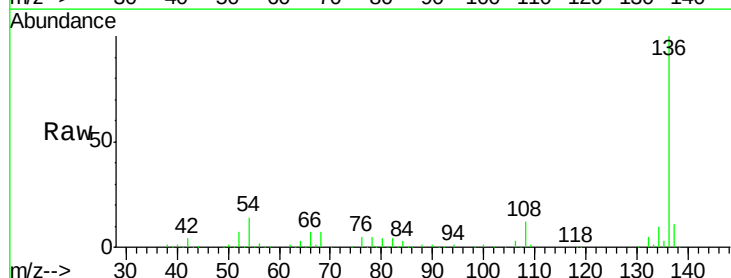
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 14.4 7.7 11.5#

68 7.1 3.4 5.2#

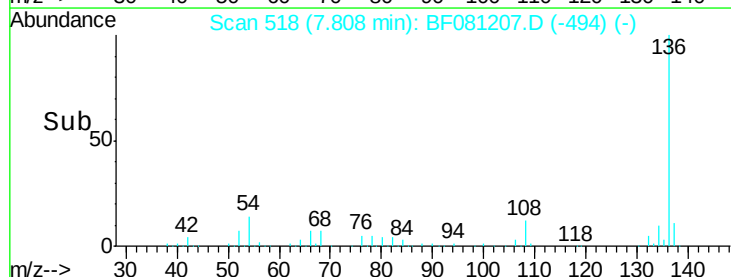
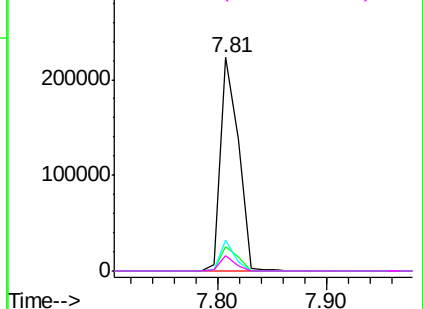


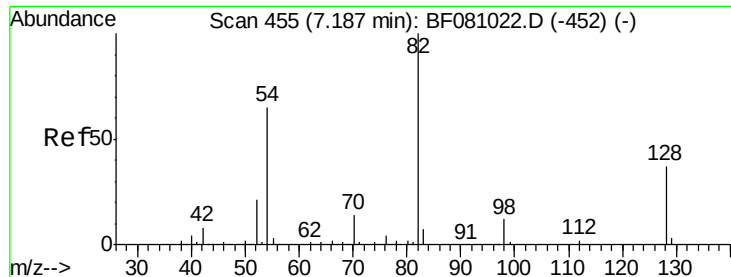
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

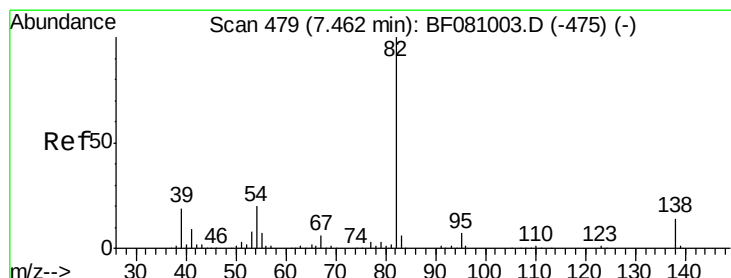
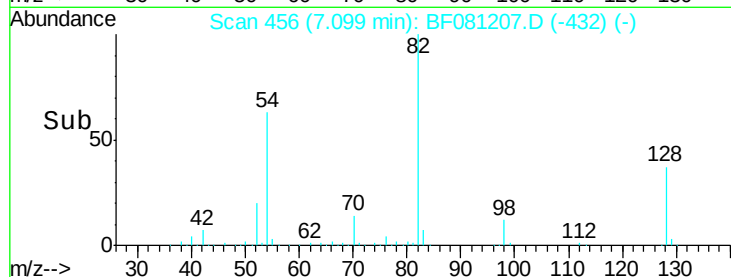
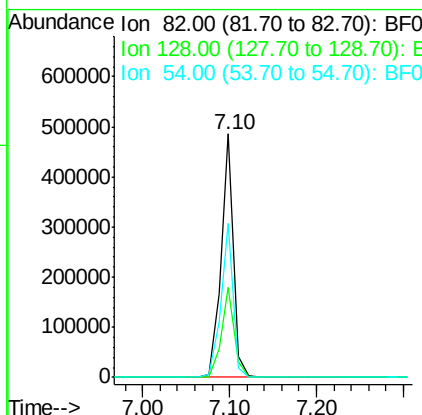
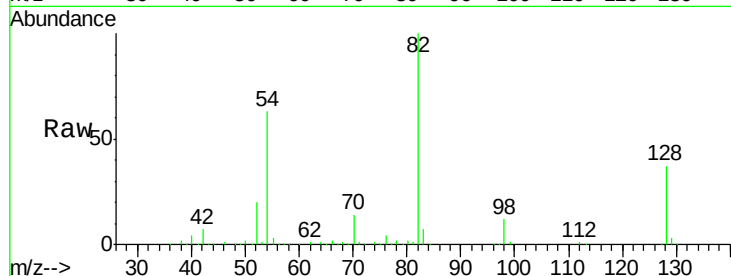




#23
 Nitrobenzene-d5
 Concen: 86.61 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

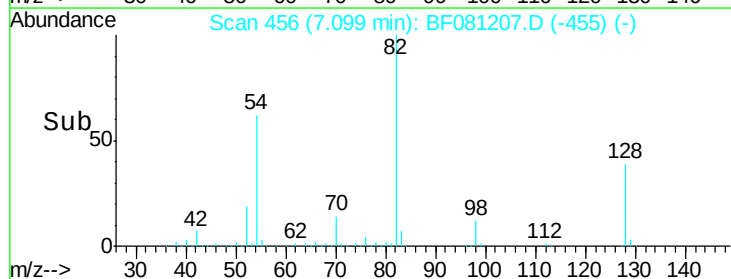
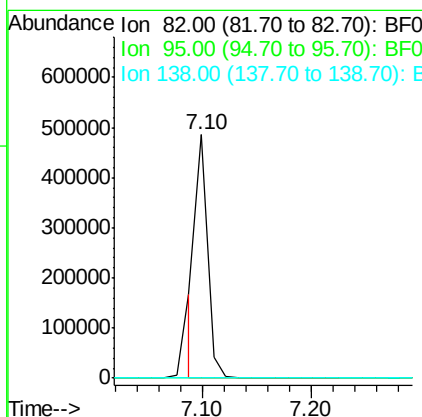
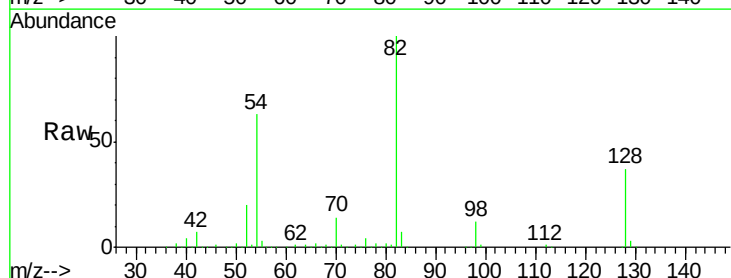
Instrument :
 BNA_F
 ClientSampleId :

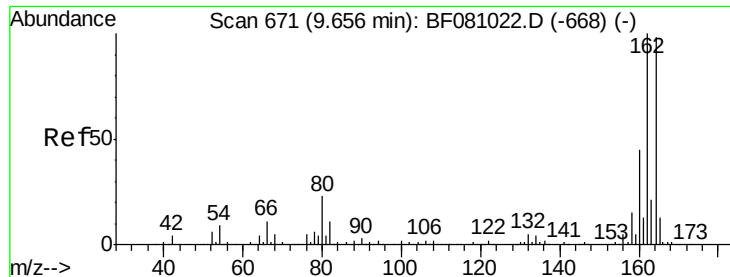
Tot Ion	82	Resp	486163
Ion Ratio	Lower	Upper	
82	100		
128	37.1	28.6	42.8
54	63.4	55.1	82.7



#25
 Isophorone
 Concen: 35.09 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

Tgt Ion	82	Resp	367327
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

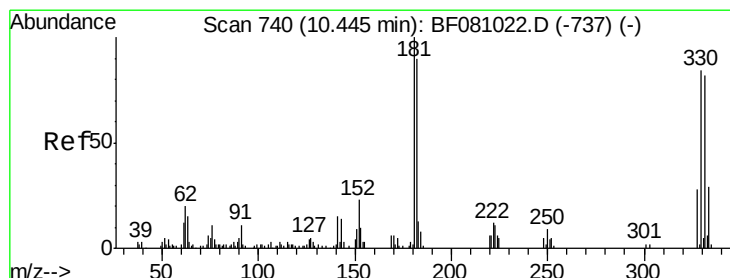
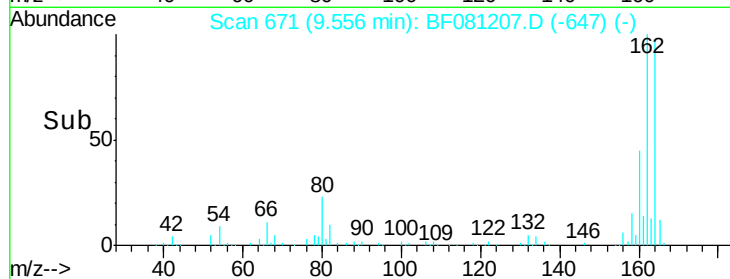
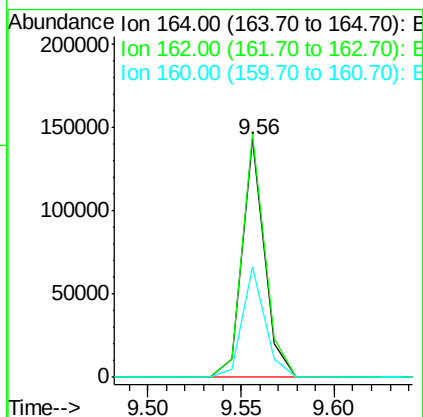
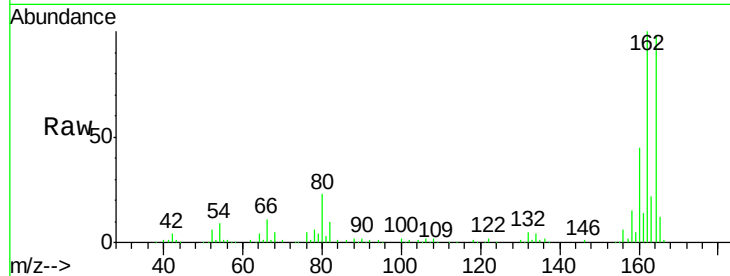




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

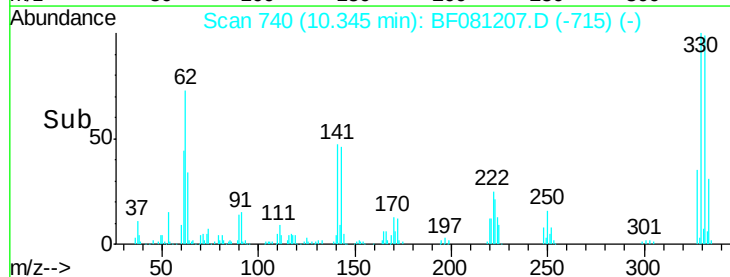
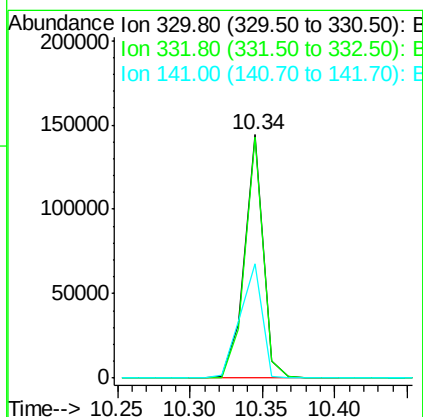
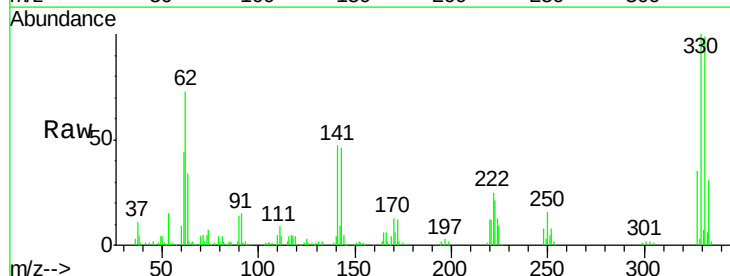
Instrument :
 BNA_F
 ClientSampleId :

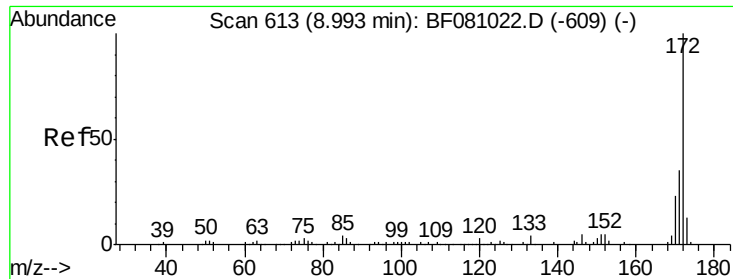
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.8	125.8
160	46.4	39.8	59.8



#41
 2,4,6-Tribromophenol
 Concen: 124.54 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	55.3	44.9	67.3

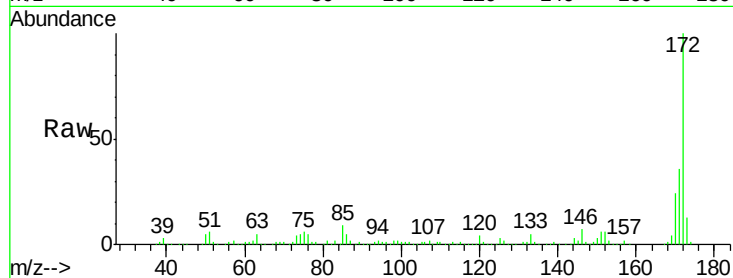




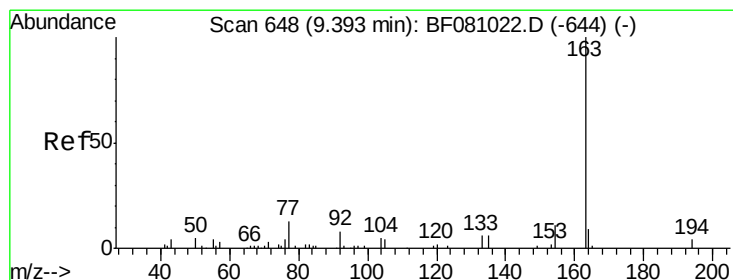
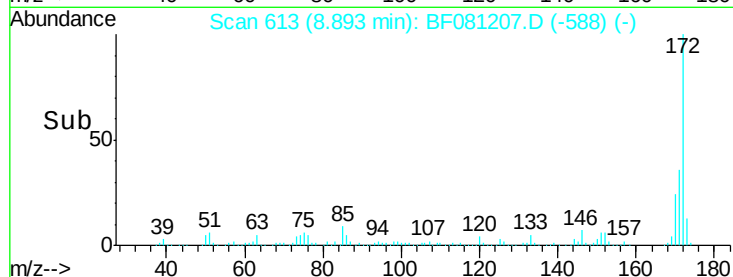
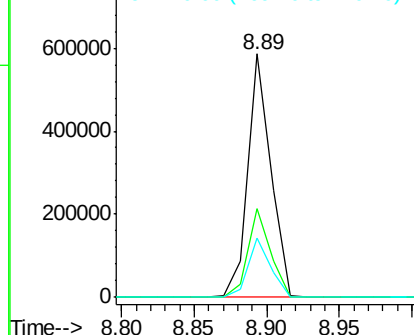
#44
2-Fluorobiphenyl
Concen: 70.65 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF081207.D
Acq: 25 Aug 2015 19:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 643704
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.4 19.4 29.2

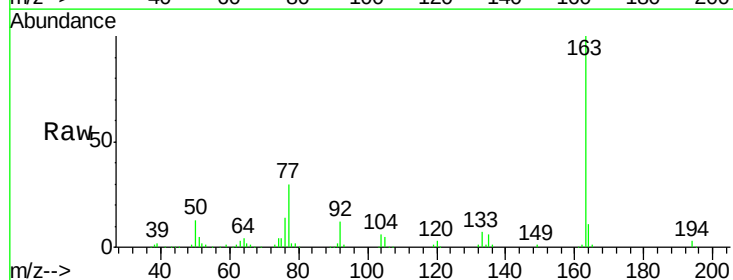


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

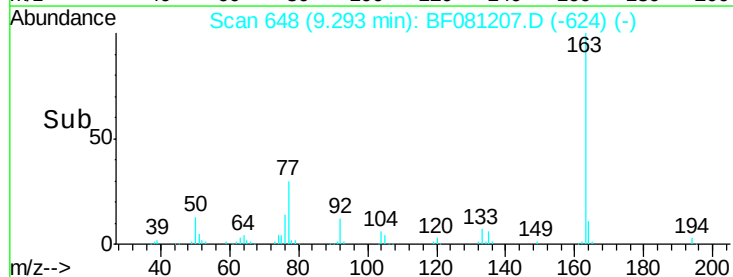
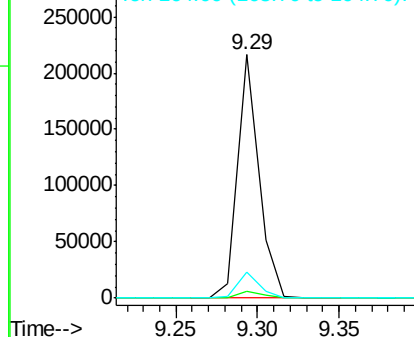


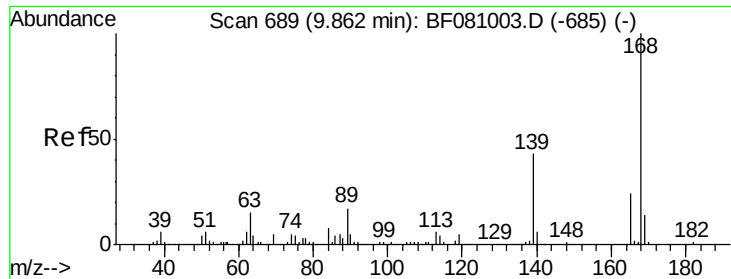
#49
Dimethylphthalate
Concen: 19.70 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF081207.D
Acq: 25 Aug 2015 19:35

Tgt Ion:163 Resp: 193707
Ion Ratio Lower Upper
163 100
194 2.9 2.5 3.7
164 10.5 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

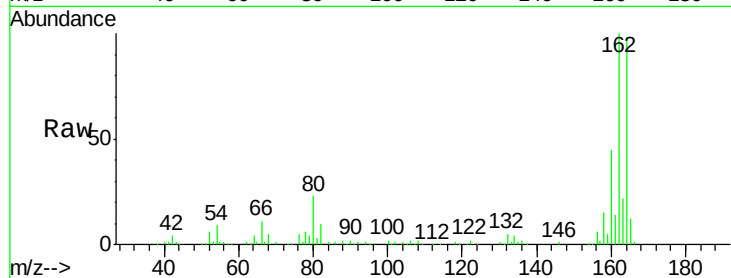




#56
 2,4-Dinitrotoluene
 Concen: 5.38 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.2	78.4#
89	2.1	60.1	90.1#
182	0.0	1.8	2.6#

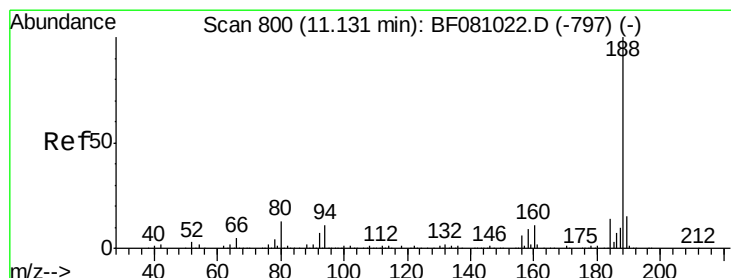
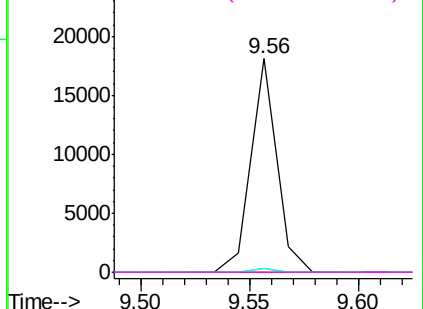
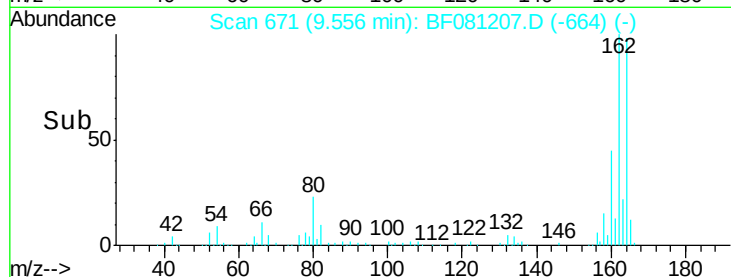


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

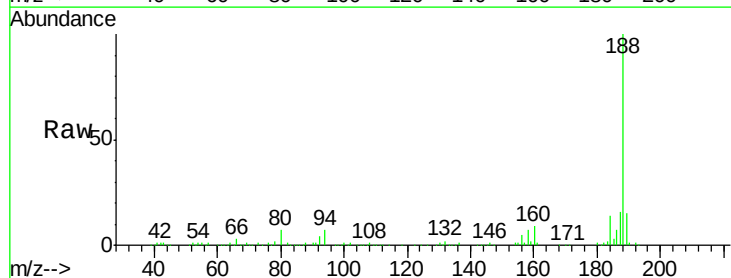
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

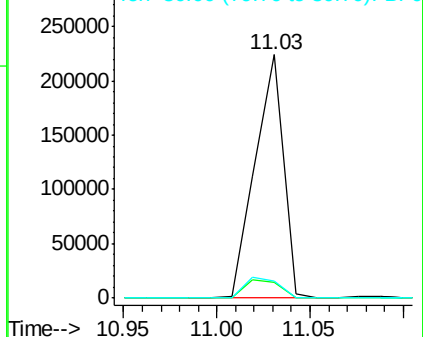
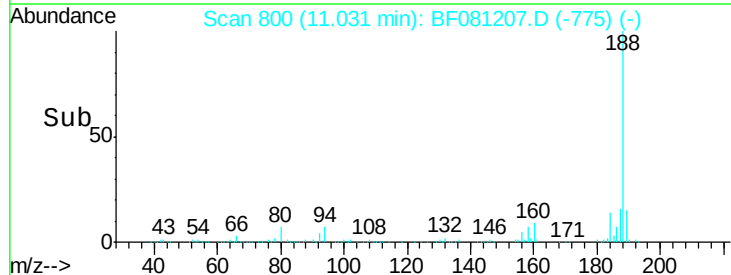
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.2	12.2#
80	6.8	9.5	14.3#

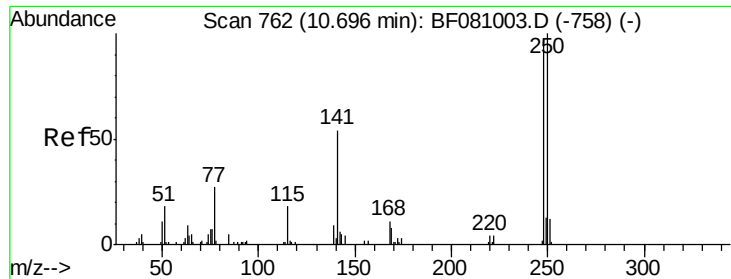


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.61 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF081207.D

Acq: 25 Aug 2015 19:35

Instrument :

BNA_F

ClientSampleId :

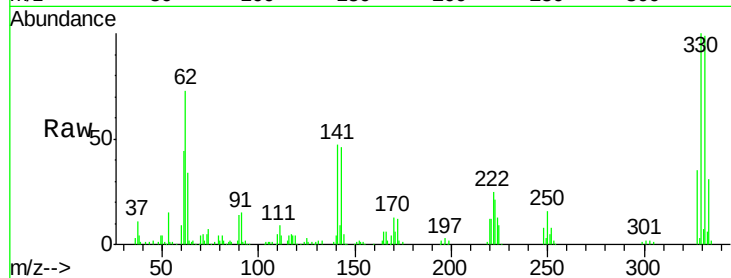
Tot Ion:248 Resp: 10664

Ion Ratio Lower Upper

248 100

250 198.6 77.8 116.6#

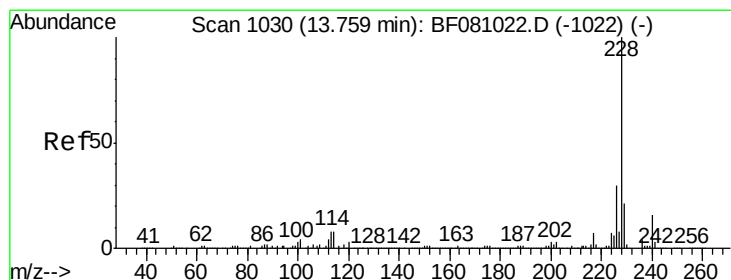
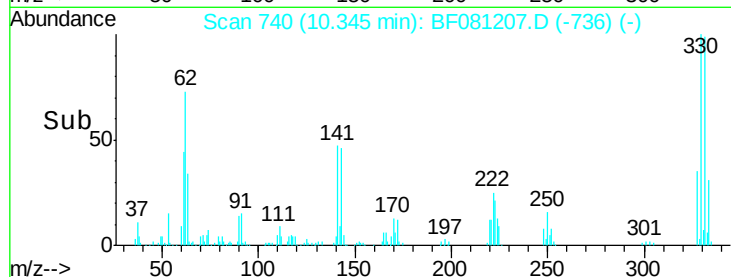
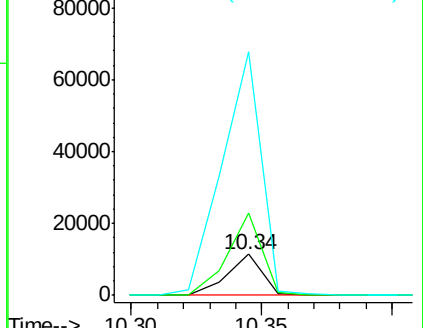
141 589.4 39.8 59.6#



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: 13.64 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081207.D

Acq: 25 Aug 2015 19:35

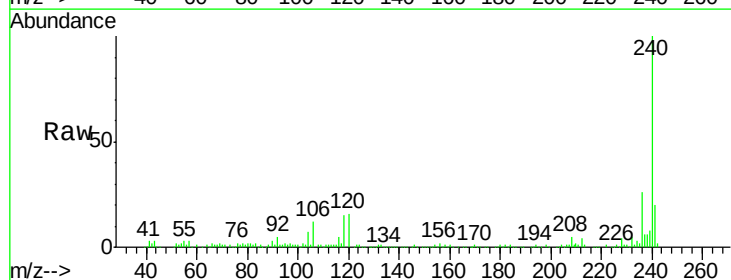
Tgt Ion:240 Resp: 150966

Ion Ratio Lower Upper

240 100

120 16.2 5.6 8.4#

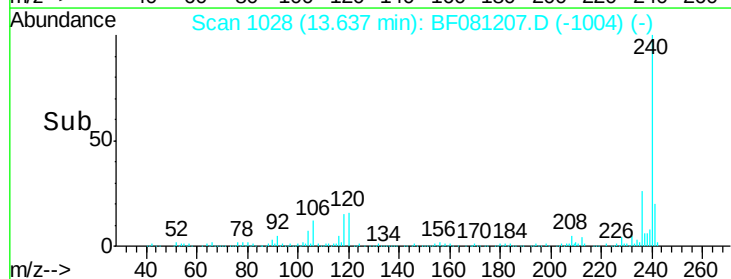
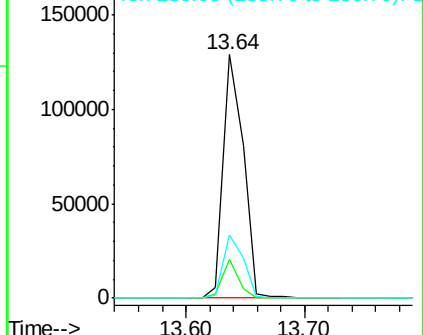
236 25.9 20.6 30.8

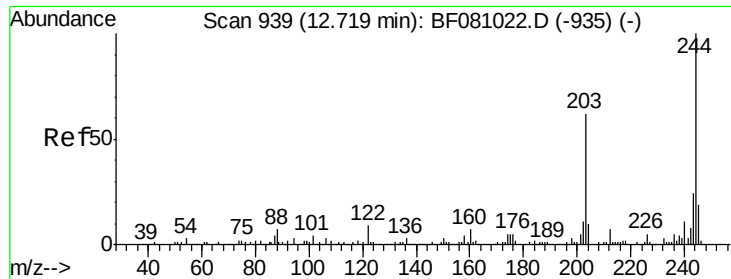


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

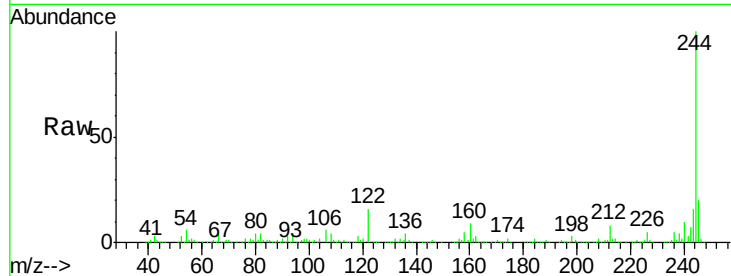




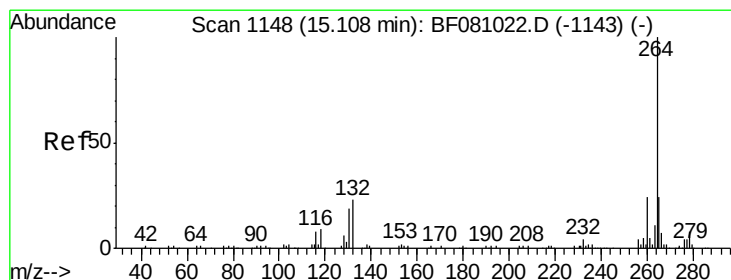
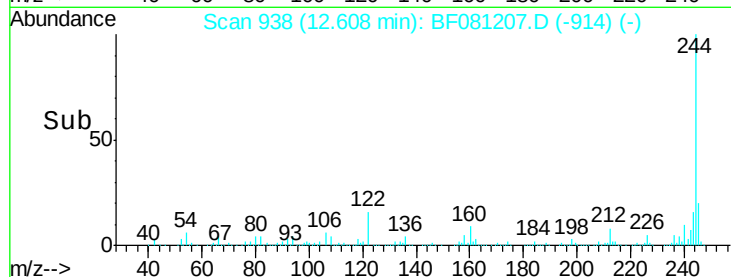
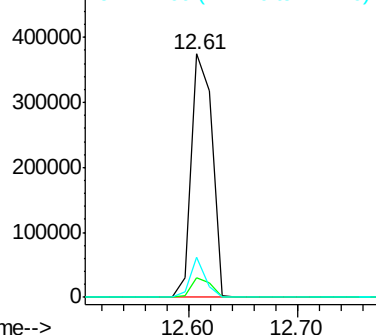
#78
 Terphenyl-d14
 Concen: 70.91 ng
 RT: 12.61 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 499335
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 16.3 8.2 12.4#

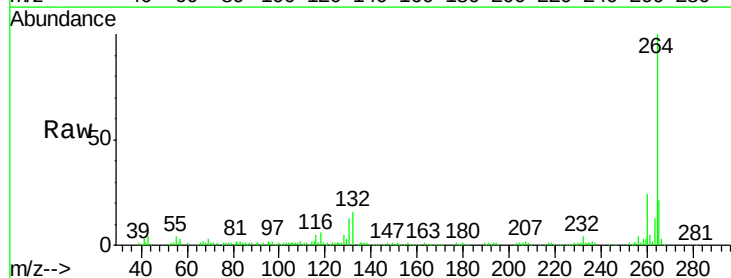


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

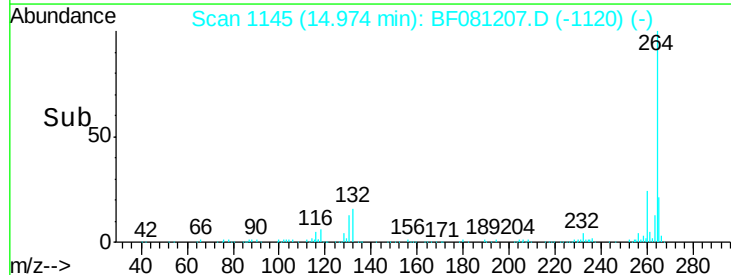
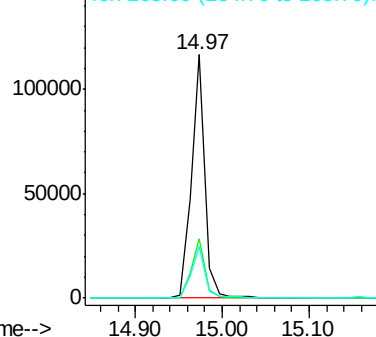


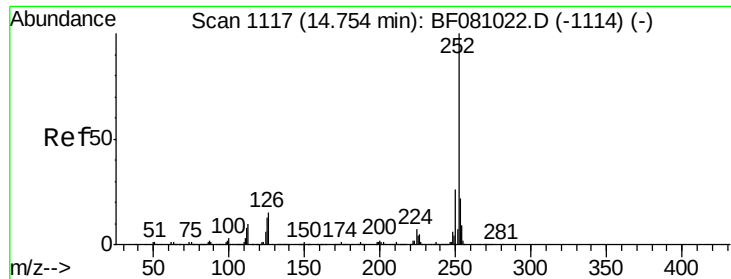
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081207.D
 Acq: 25 Aug 2015 19:35

Tgt Ion:264 Resp: 127031
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.3 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

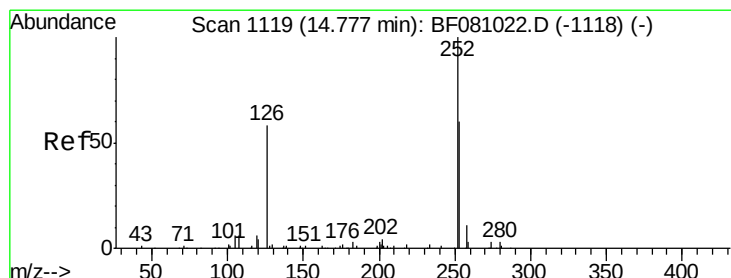
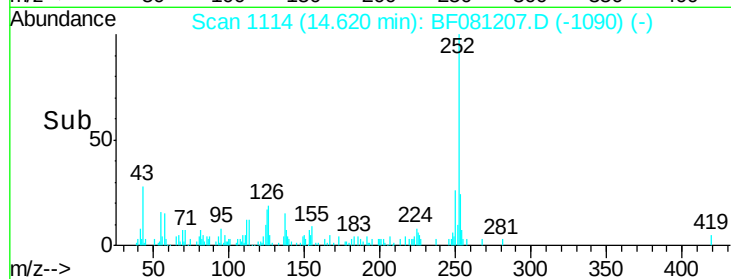
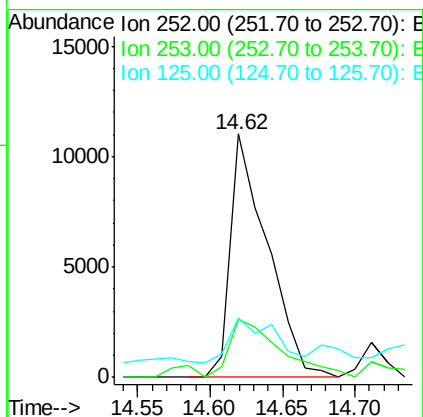
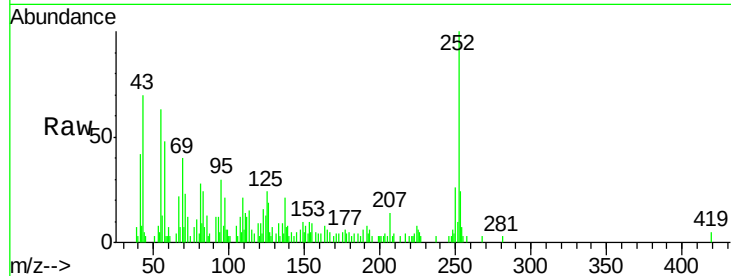




#87
Benzo(b)fluoranthene
Concen: 2.18 ng
RT: 14.62 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BF081207.D
Acq: 25 Aug 2015 19:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	24.1	8.0	12.0



#88
Benzo(k)fluoranthene
Concen: 2.34 ng
RT: 14.62 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF081207.D
Acq: 25 Aug 2015 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	24.1	10.3	15.5

