

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081190.D
 Acq On : 25 Aug 2015 2:41
 Operator : UM/IZ
 Sample : G3388-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(9-9.5)BGS

Quant Time: Aug 25 03:10:29 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 23:49:48 2015
 Response via : Initial Calibration

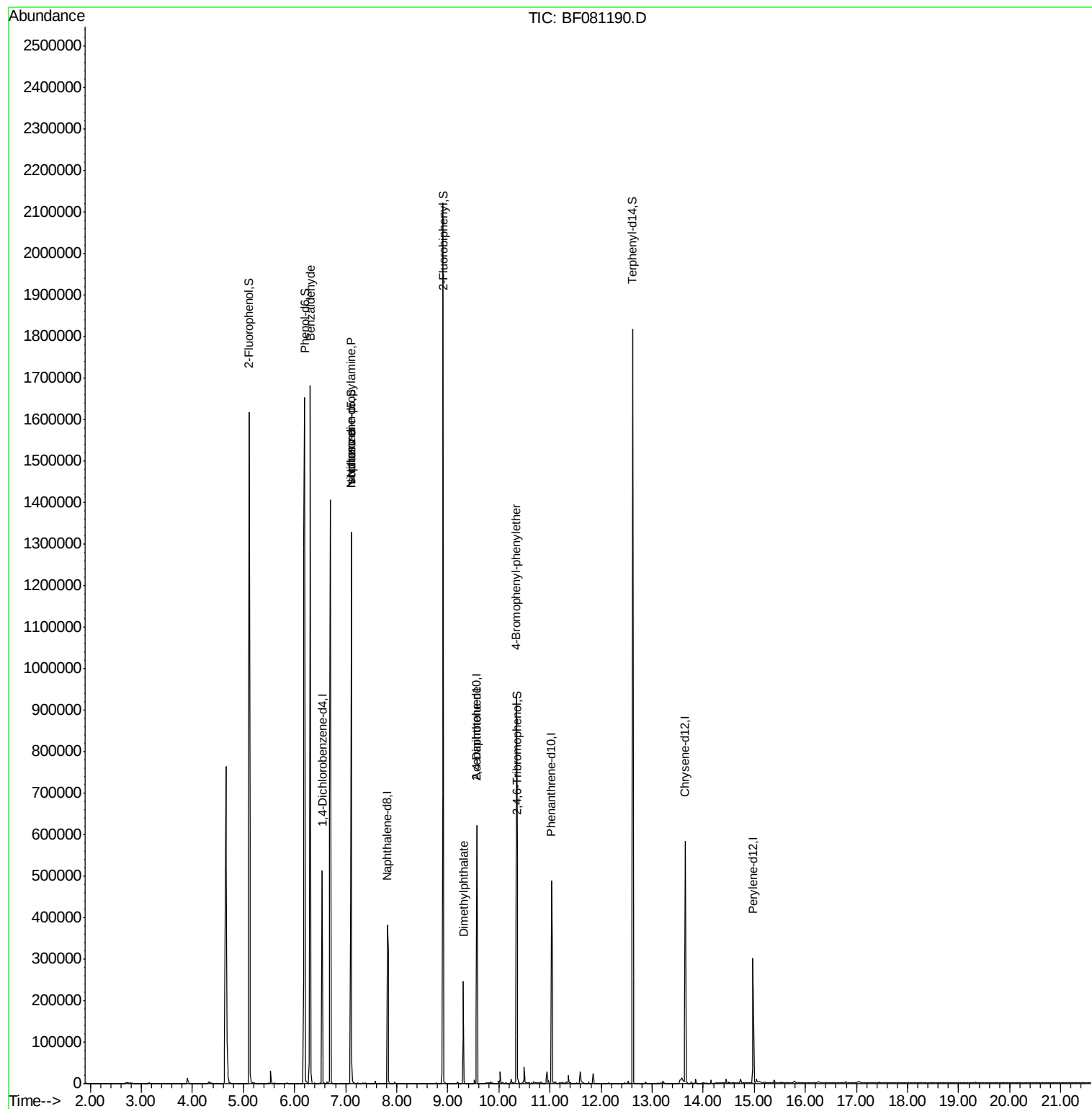
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66388	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	238552	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	118192	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	213683	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	190112	20.00	ng	-0.01
86) Perylene-d12	14.97	264	133517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	485860	110.08	ng	0.01
7) Phenol-d6	6.20	99	771432	133.95	ng	0.00
23) Nitrobenzene-d5	7.11	82	425226	81.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	115424	112.66	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	647565	71.79	ng	0.00
78) Terphenyl-d14	12.62	244	519674	58.60	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.31	77	13381	3.60	ng	86
19) n-Nitroso-di-n-propylamine	7.11	70	57749	14.48	ng	# 69
25) Isophorone	7.11	82	323885	33.26	ng	# 71
49) Dimethylphthalate	9.30	163	112737	11.58	ng	99
56) 2,4-Dinitrotoluene	9.57	165	15050	5.43	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	8408	4.01	ng	# 1

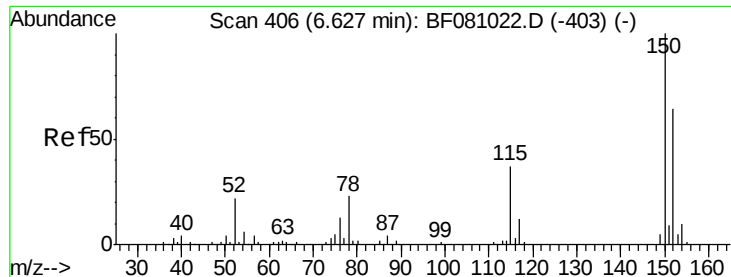
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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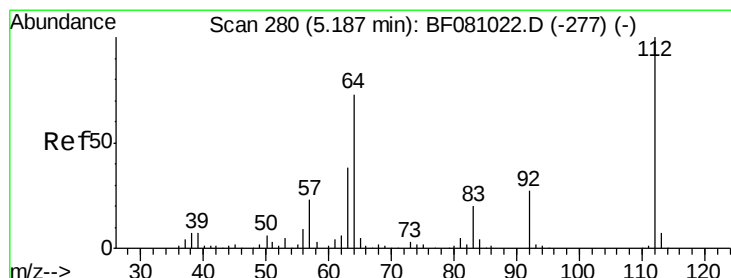
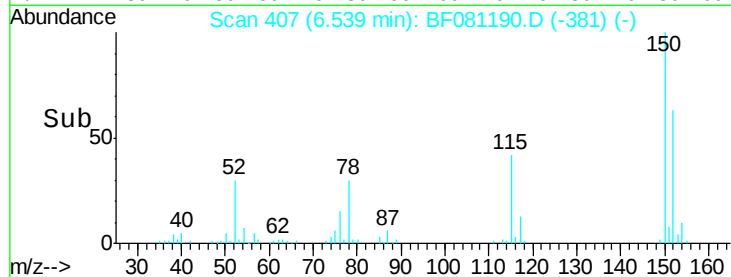
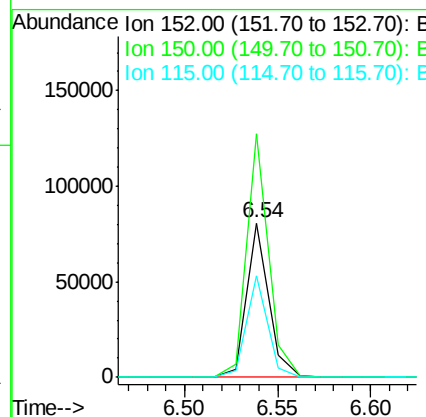
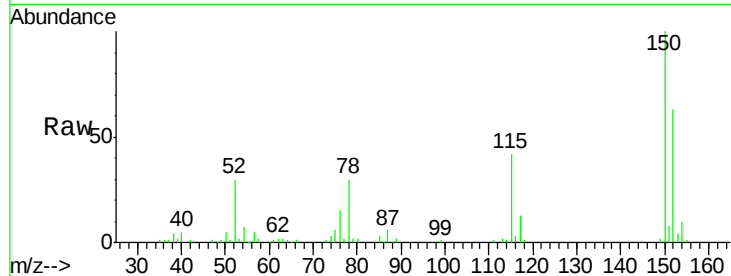




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF081190.D
 Acq: 25 Aug 2015 2:41

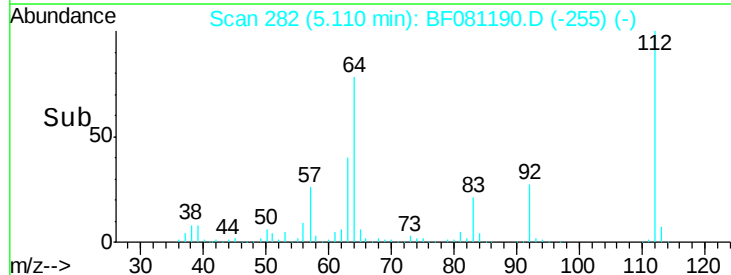
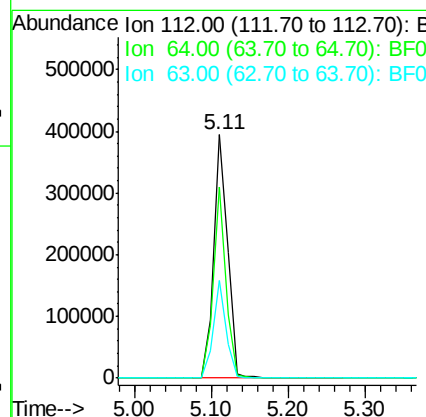
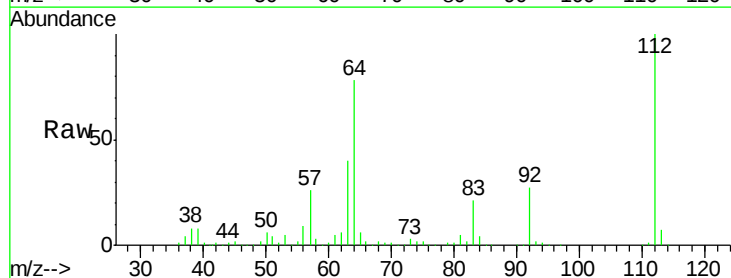
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(9-9.5)BGS

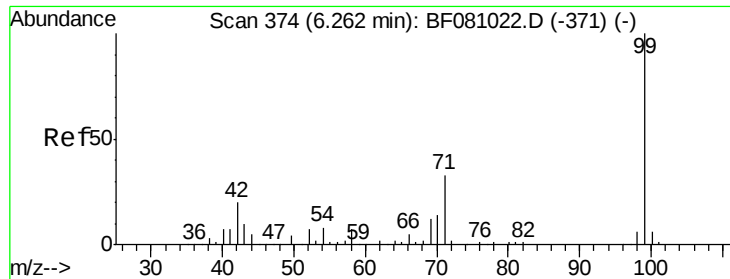
Tgt Ion:152 Resp: 66388
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.8 185.6
 115 65.7 52.1 78.1



#5
 2-Fluorophenol
 Concen: 110.08 ng
 RT: 5.11 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF081190.D
 Acq: 25 Aug 2015 2:41

Tgt Ion:112 Resp: 485860
 Ion Ratio Lower Upper
 112 100
 64 78.3 66.9 100.3
 63 40.2 38.1 57.1





#7

Phenol-d6

Concen: 133.95 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081190.D

Acq: 25 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

SB-4(9-9.5)BGS

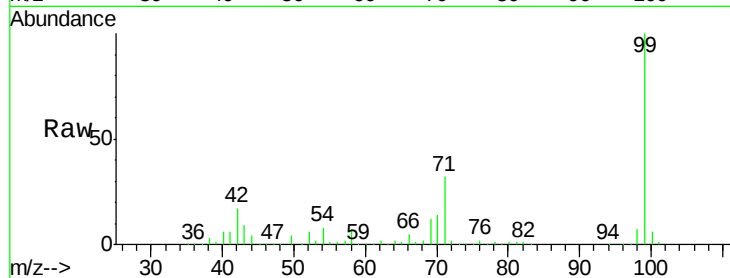
Tgt Ion: 99 Resp: 771432

Ion Ratio Lower Upper

99 100

42 17.5 19.6 29.4#

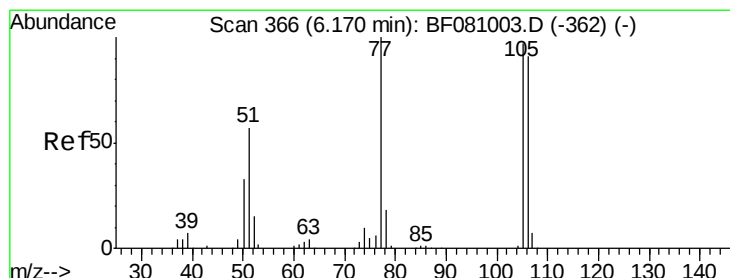
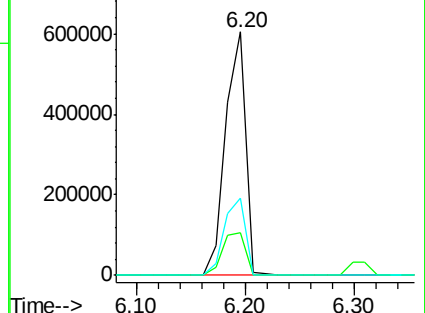
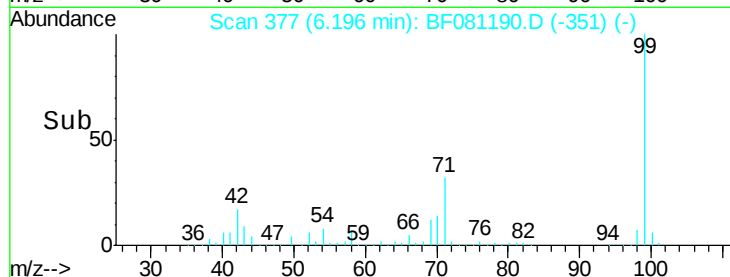
71 31.6 31.2 46.8



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: 3.60 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081190.D

Acq: 25 Aug 2015 2:41

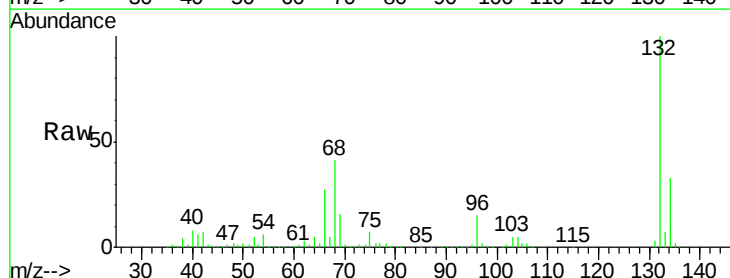
Tgt Ion: 77 Resp: 13381

Ion Ratio Lower Upper

77 100

105 80.7 69.6 109.6

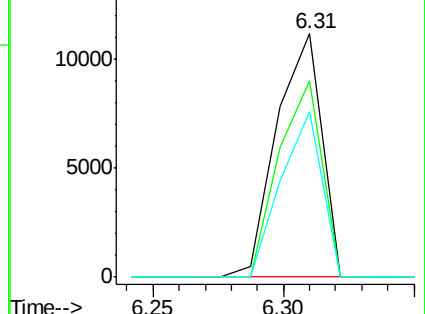
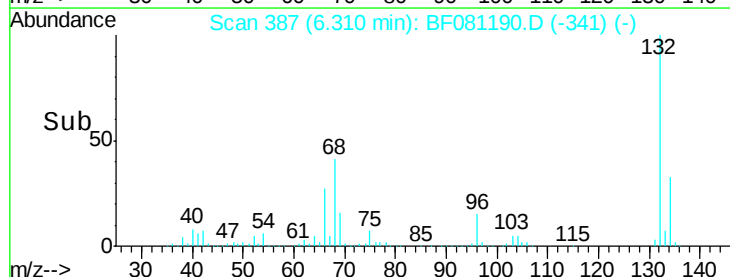
106 67.8 64.0 104.0

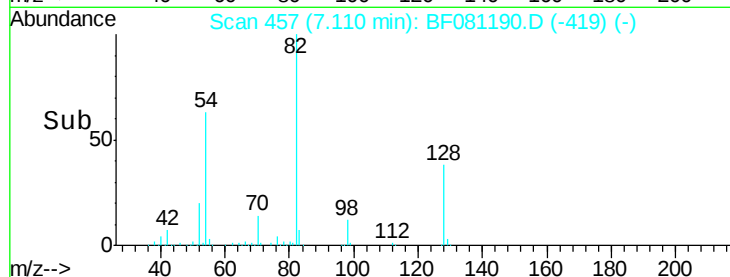
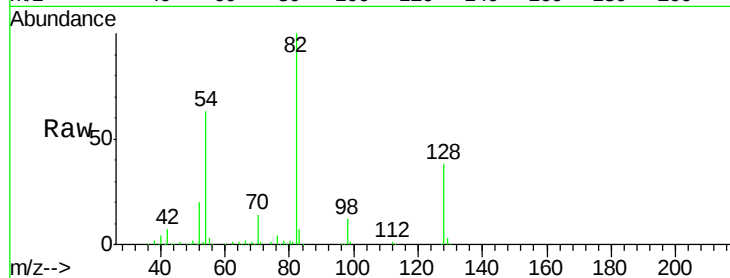
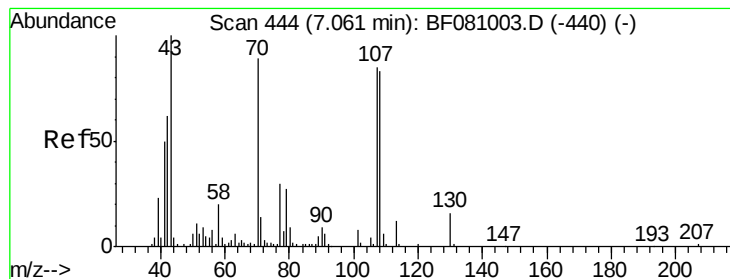


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.48 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF081190.D

Acq: 25 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

SB-4(9-9.5)BGS

Tgt Ion: 70 Resp: 57749

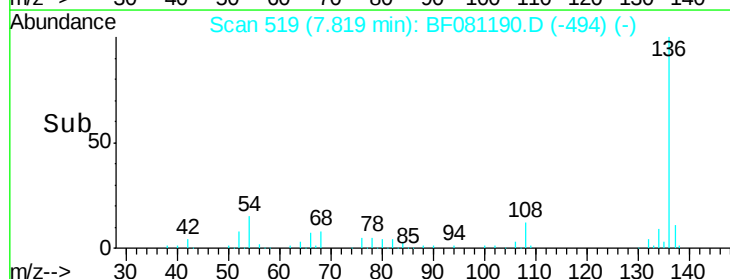
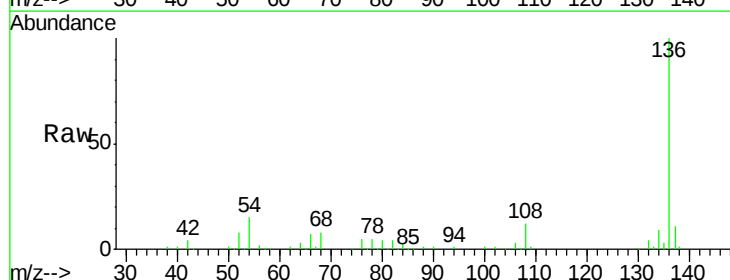
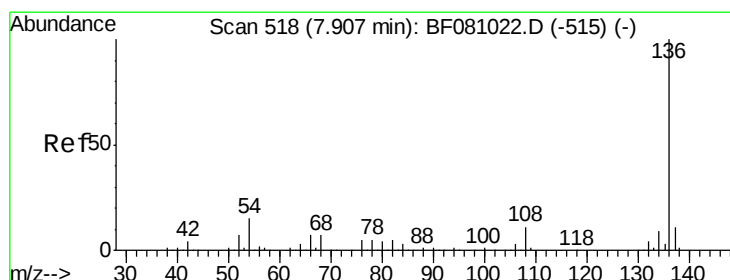
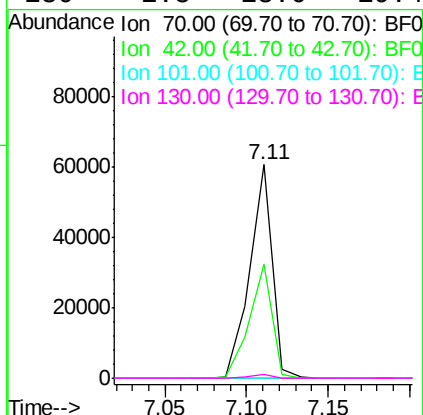
Ion Ratio Lower Upper

70 100

42 53.4 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: 7.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081190.D

Acq: 25 Aug 2015 2:41

Tgt Ion: 136 Resp: 238552

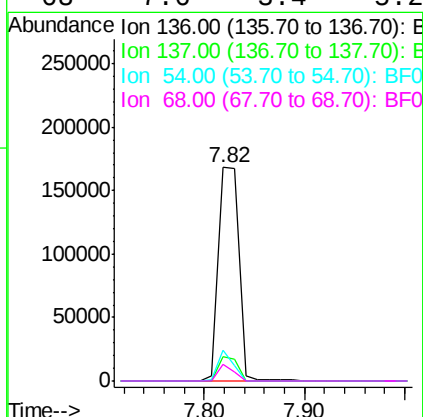
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.2

54 14.6 7.7 11.5#

68 7.6 3.4 5.2#

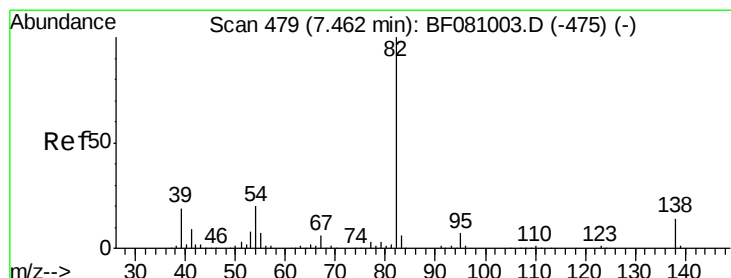
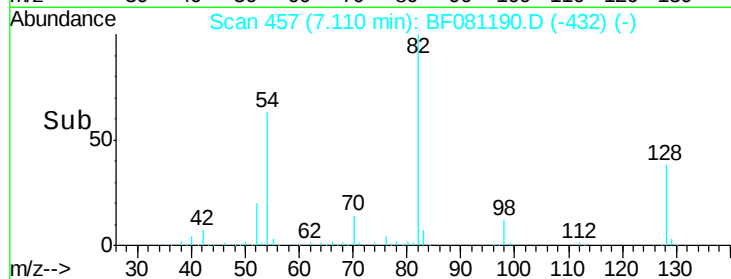
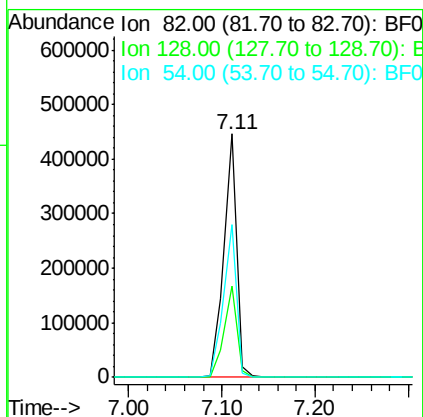
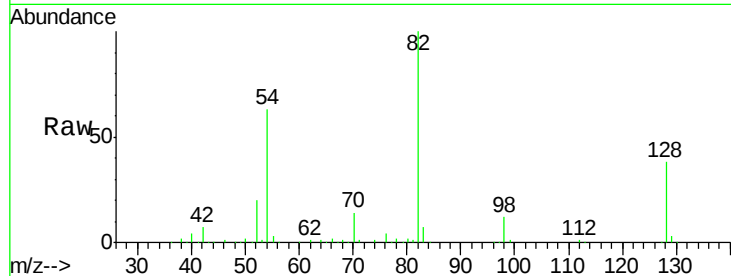




#23
Nitrobenzene-d5
Concen: 81.43 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081190.D
Acq: 25 Aug 2015 2:41

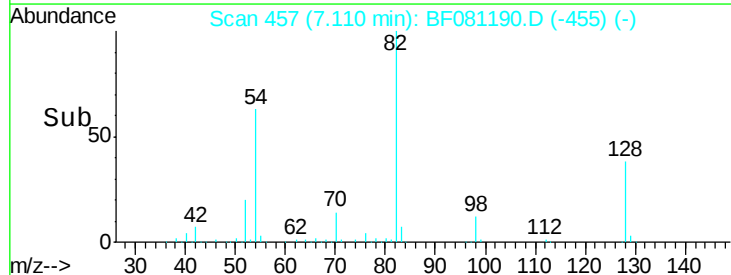
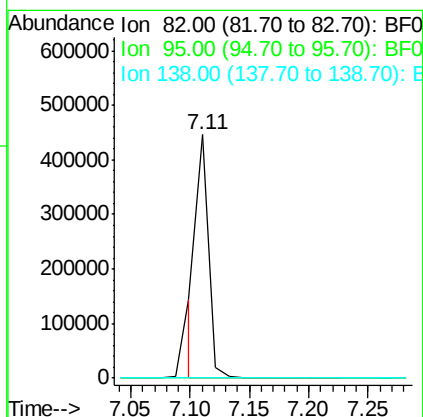
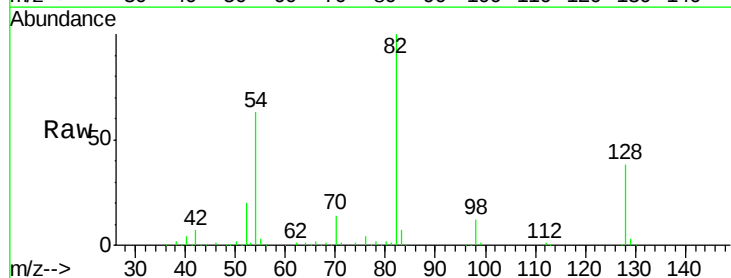
Instrument :
BNA_F
ClientSampleId :
SB-4(9-9.5)BGS

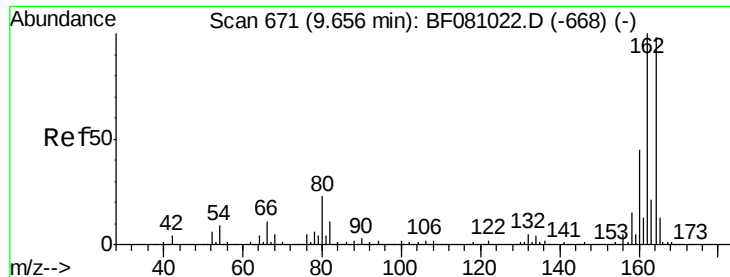
Tgt Ion: 82 Resp: 425226
Ion Ratio Lower Upper
82 100
128 37.6 28.6 42.8
54 62.8 55.1 82.7



#25
Isophorone
Concen: 33.26 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.27 min
Lab File: BF081190.D
Acq: 25 Aug 2015 2:41

Tgt Ion: 82 Resp: 323885
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 10.5 15.7#

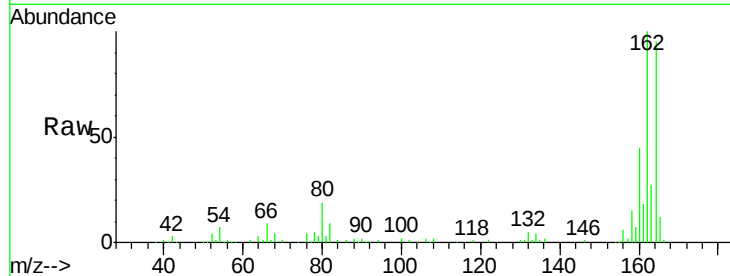




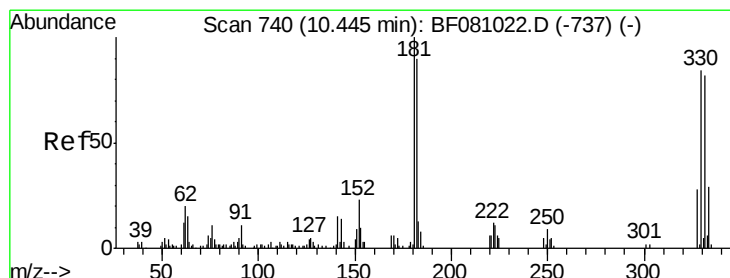
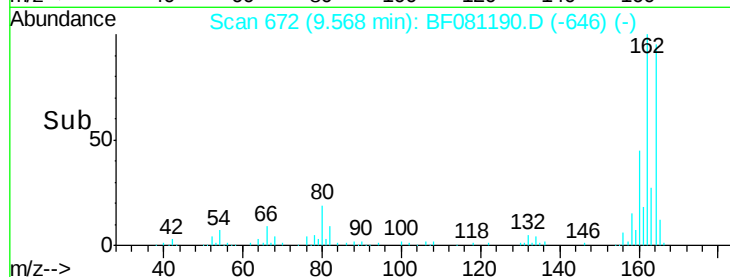
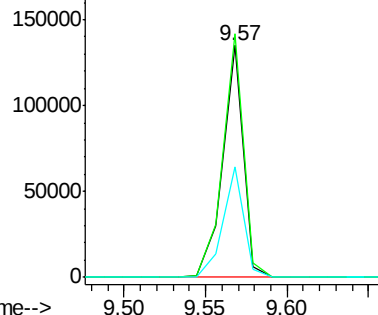
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF081190.D
Acq: 25 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
SB-4(9-9.5)BGS

Tgt Ion:164 Resp: 118192
Ion Ratio Lower Upper
164 100
162 105.1 83.8 125.8
160 47.5 39.8 59.8

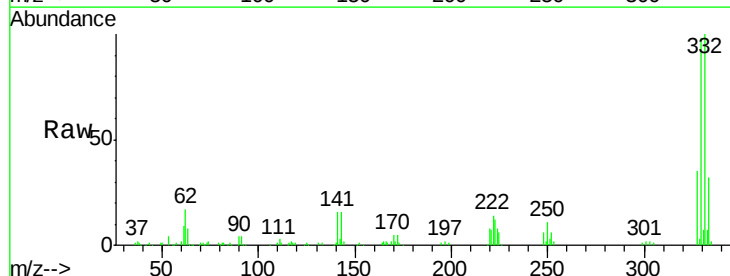


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

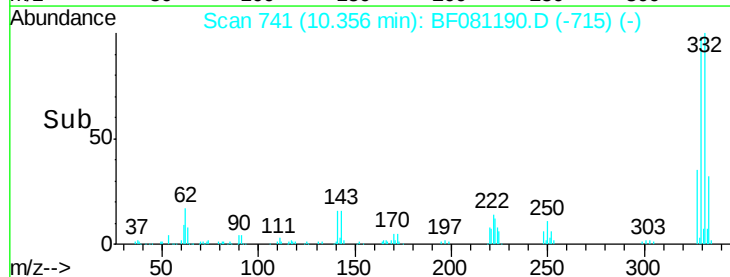
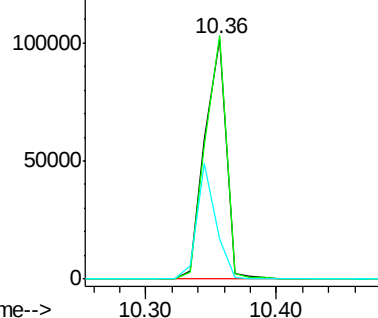


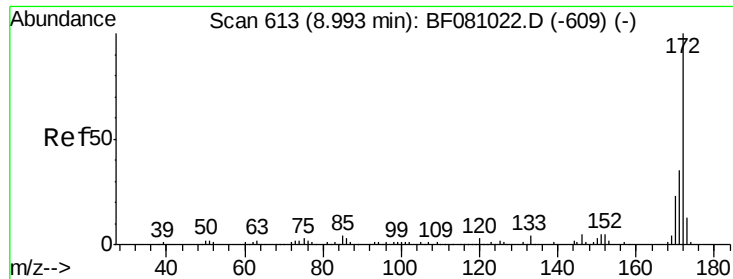
#41
2,4,6-Tribromophenol
Concen: 112.66 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF081190.D
Acq: 25 Aug 2015 2:41

Tgt Ion:330 Resp: 115424
Ion Ratio Lower Upper
330 100
332 99.3 77.3 115.9
141 43.3 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

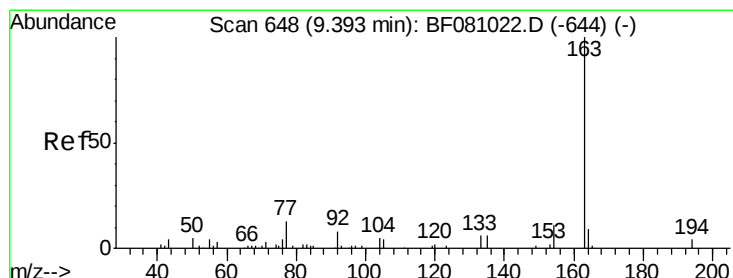
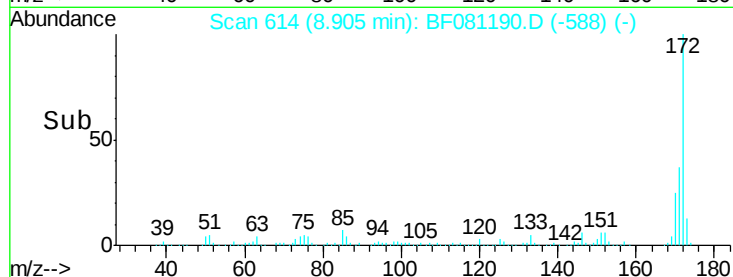
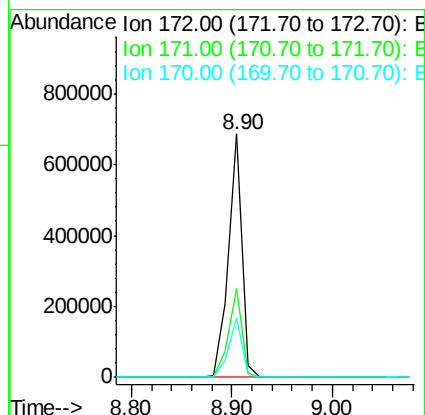
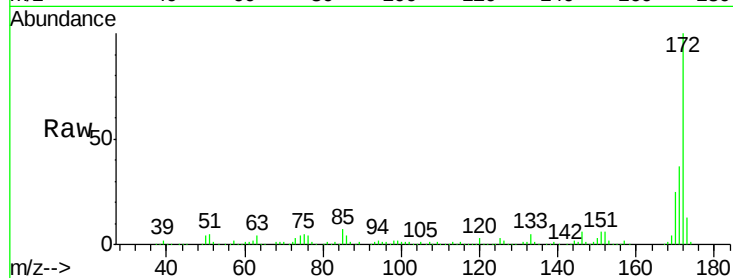




#44
2-Fluorobiphenyl
Concen: 71.79 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF081190.D
Acq: 25 Aug 2015 2:41

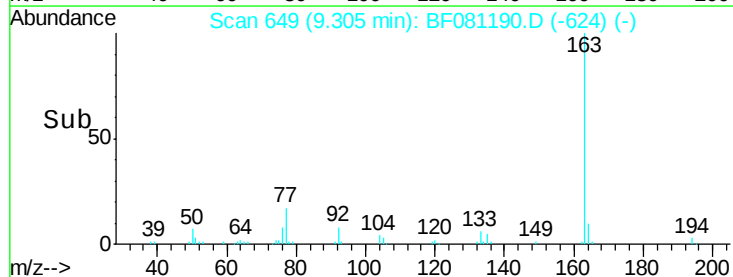
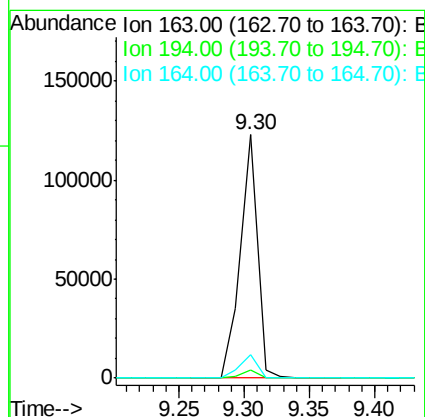
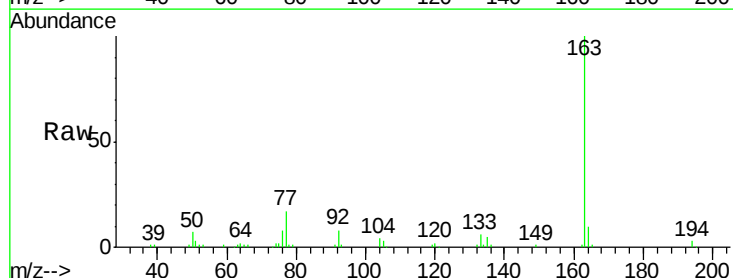
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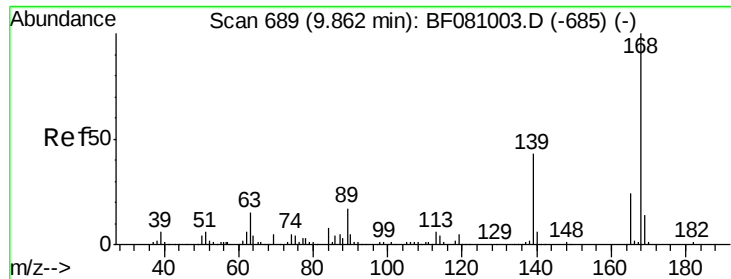
Tgt Ion:172 Resp: 647565
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.6 19.4 29.2



#49
Dimethylphthalate
Concen: 11.58 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081190.D
Acq: 25 Aug 2015 2:41

Tgt Ion:163 Resp: 112737
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.8 8.1 12.1

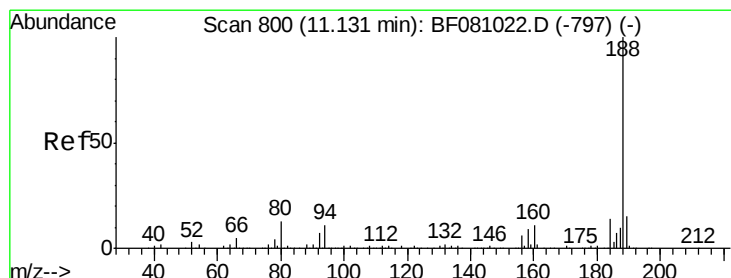
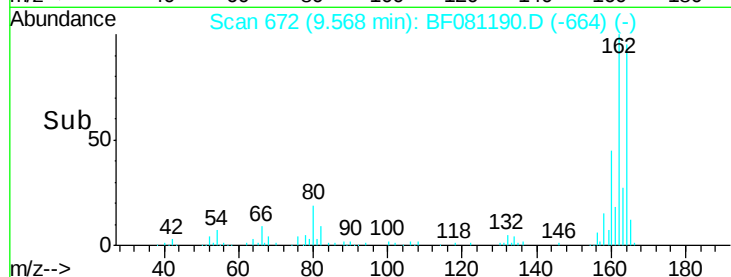
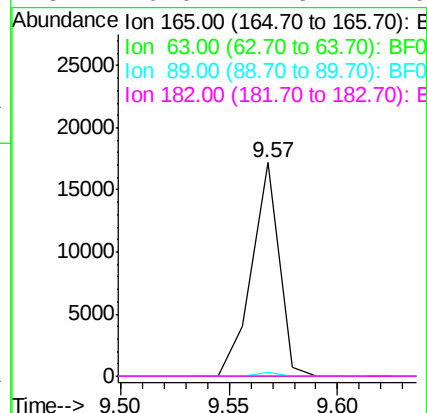
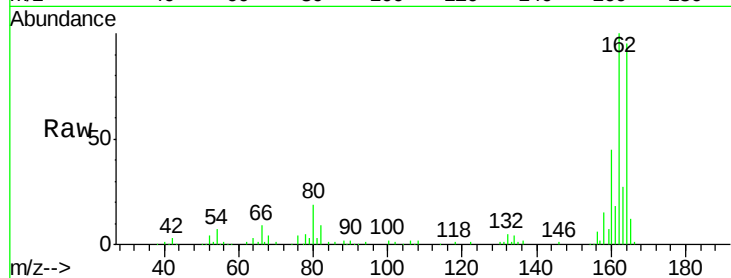




#56
 2,4-Dinitrotoluene
 Concen: 5.43 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081190.D
 Acq: 25 Aug 2015 2:41

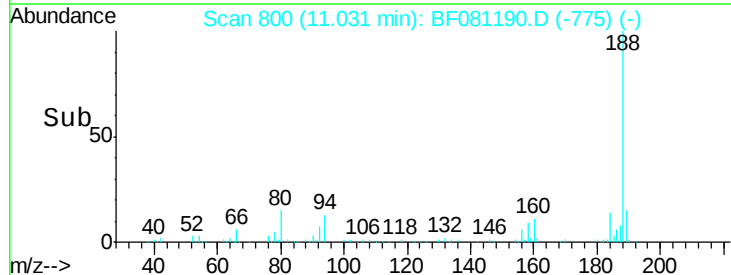
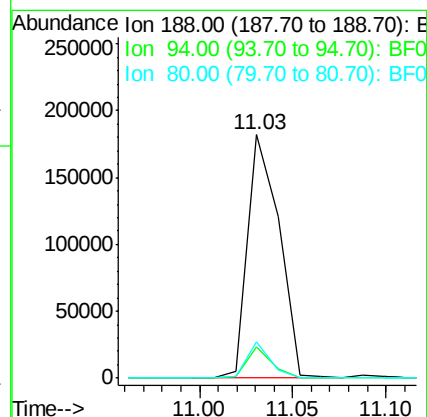
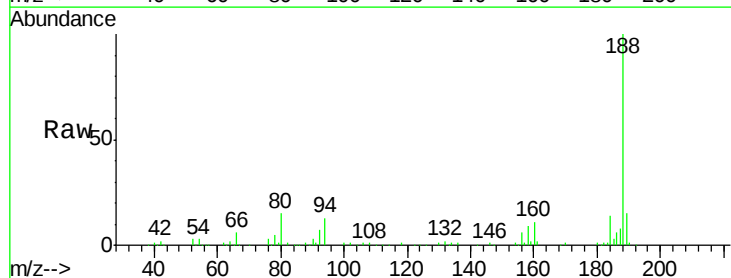
Instrument :
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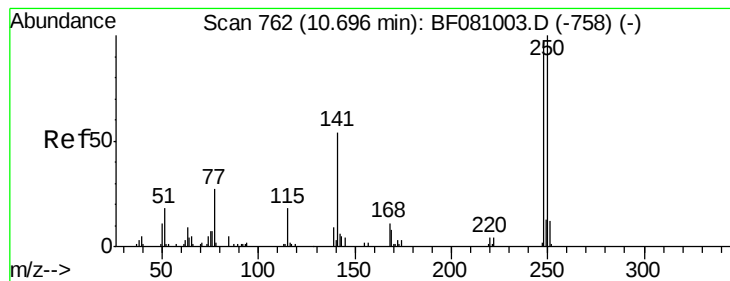
Tgt Ion:	165	Resp:	15050
Ion Ratio	Lower	Upper	
165	100		
63	0.0	52.2	78.4#
89	1.8	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081190.D
 Acq: 25 Aug 2015 2:41

Tgt Ion:	188	Resp:	213683
Ion Ratio	Lower	Upper	
188	100		
94	12.6	8.2	12.2#
80	14.7	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 4.01 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF081190.D

Acq: 25 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

SB-4(9-9.5)BGS

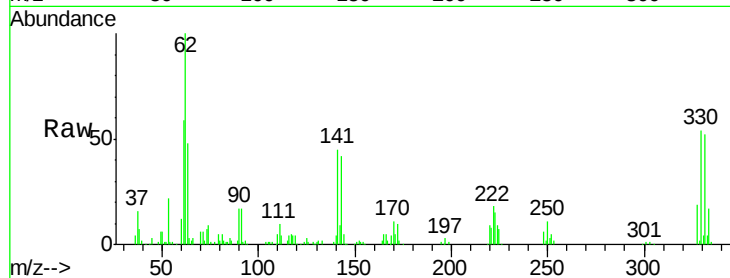
Tgt Ion:248 Resp: 8408

Ion Ratio Lower Upper

248 100

250 199.6 77.8 116.6#

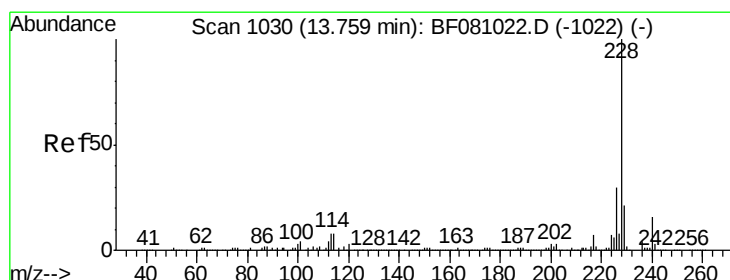
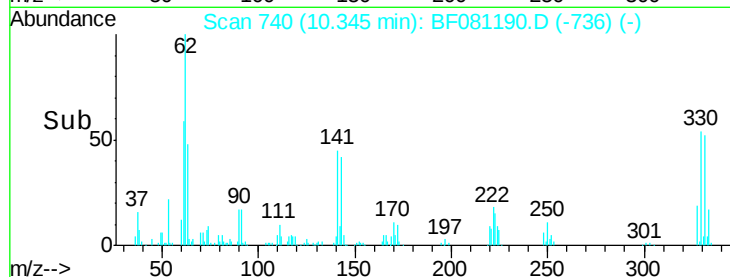
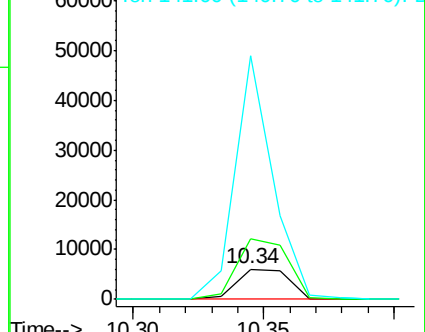
141 809.8 39.8 59.6#



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: BF081190.D

Acq: 25 Aug 2015 2:41

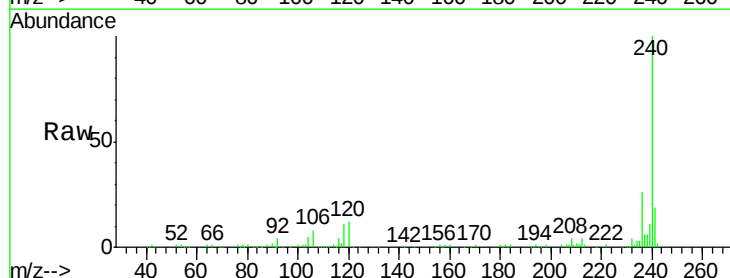
Tgt Ion:240 Resp: 190112

Ion Ratio Lower Upper

240 100

120 11.8 5.6 8.4#

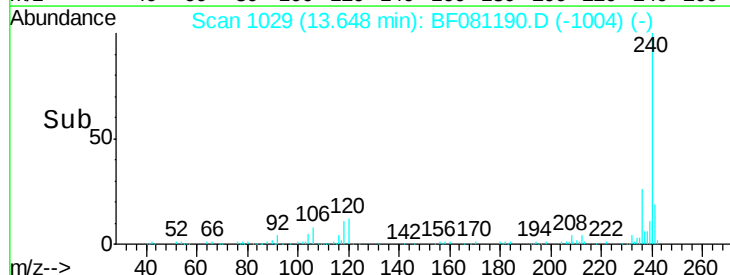
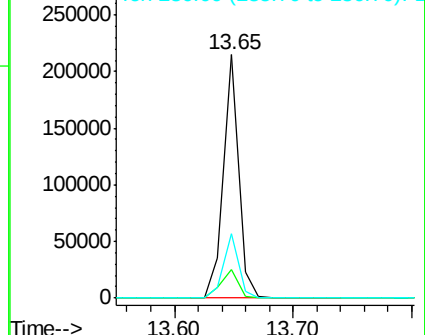
236 26.3 20.6 30.8

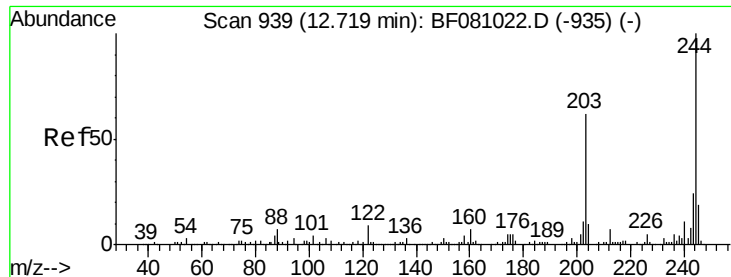


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

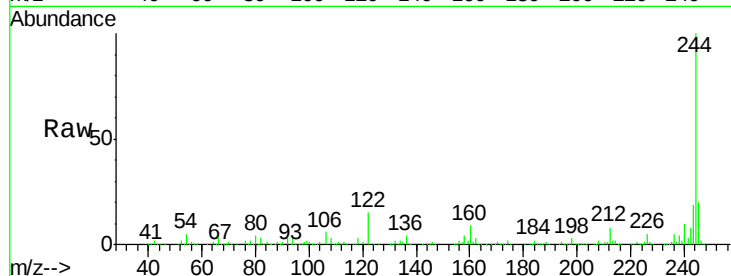




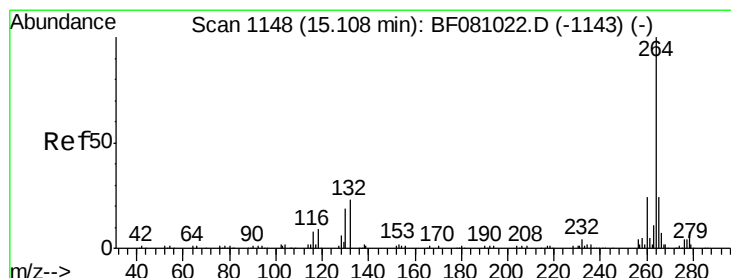
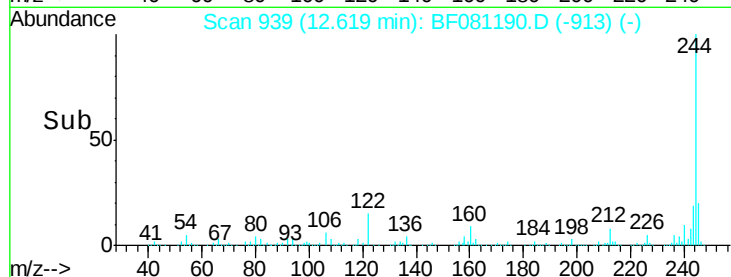
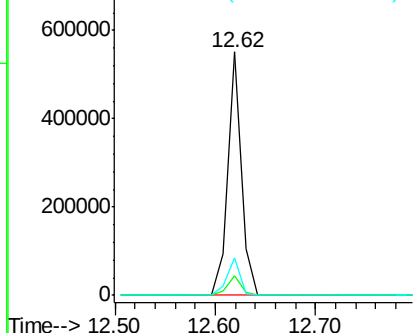
#78
 Terphenyl-d14
 Concen: 58.60 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF081190.D
 Acq: 25 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(9-9.5)BGS

Tgt Ion: 244 Resp: 519674
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 15.4 8.2 12.4#

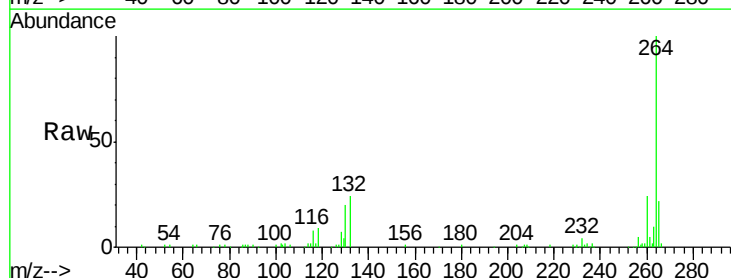


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081190.D
 Acq: 25 Aug 2015 2:41

Tgt Ion: 264 Resp: 133517
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.0 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

