

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081189.D
 Acq On : 25 Aug 2015 2:11
 Operator : UM/IZ
 Sample : G3388-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3-3.5)BGS

Quant Time: Aug 25 02:50:22 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

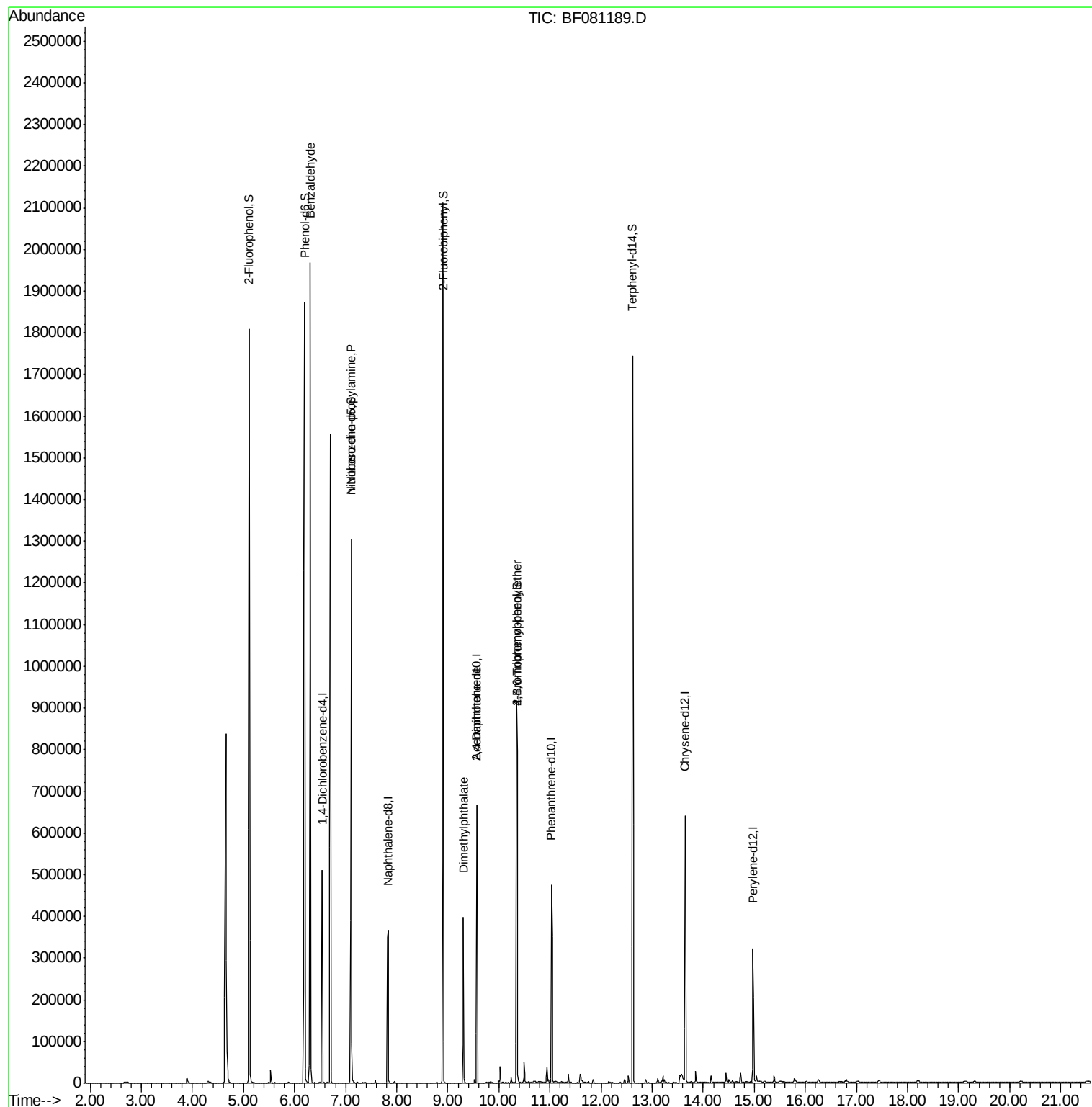
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	64448	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	242563	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	120571	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	234300	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	206653	20.00	ng	-0.01
86) Perylene-d12	14.97	264	144100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	490777	114.54	ng	0.01
7) Phenol-d6	6.20	99	786684	140.71	ng	0.00
23) Nitrobenzene-d5	7.11	82	412967	77.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	140252	134.19	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	607610	66.03	ng	0.00
78) Terphenyl-d14	12.62	244	591522	61.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	14325	3.97	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.11	70	55724	14.39	ng	# 70
49) Dimethylphthalate	9.30	163	150541	15.16	ng	99
56) 2,4-Dinitrotoluene	9.57	165	15586	5.52	ng	# 16
66) 4-Bromophenyl-phenylether	10.36	248	10300	4.47	ng	# 1

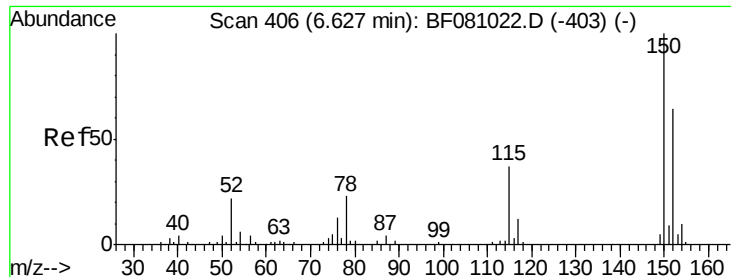
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 24 23:49:48 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: BF081189.D

Acq: 25 Aug 2015 2:11

Instrument :

BNA_F

ClientSampleId :

SB-3(3-3.5)BGS

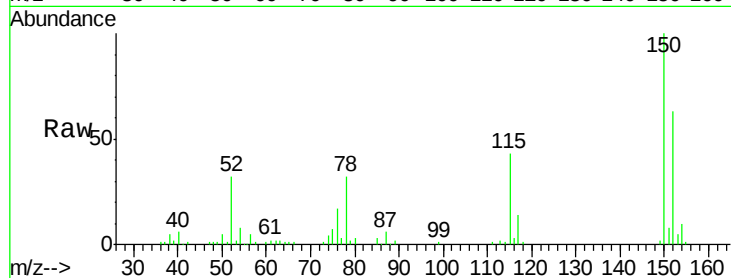
Tgt Ion:152 Resp: 64448

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

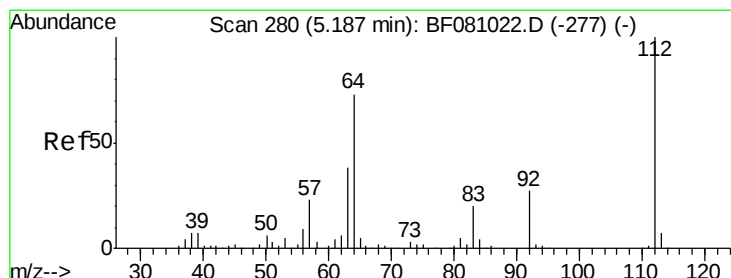
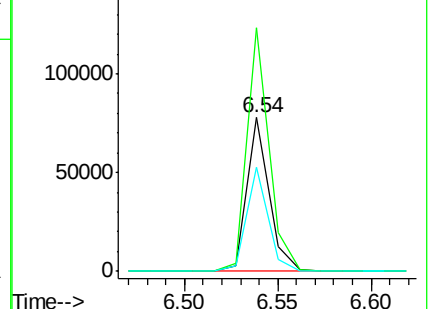
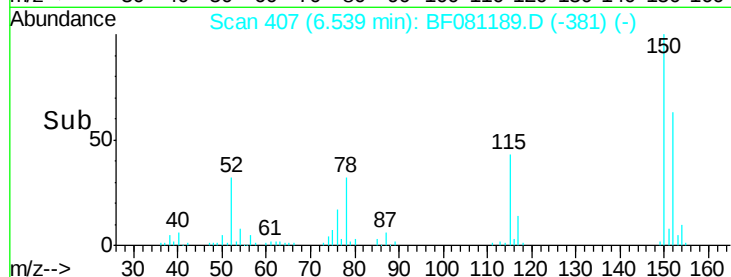
115 68.1 52.1 78.1



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: 114.54 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

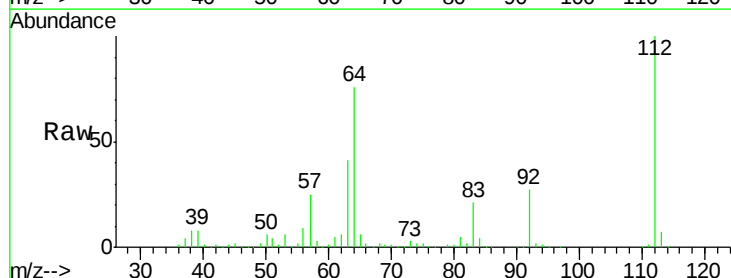
Tgt Ion:112 Resp: 490777

Ion Ratio Lower Upper

112 100

64 76.5 66.9 100.3

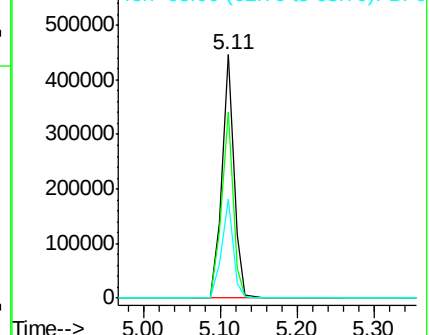
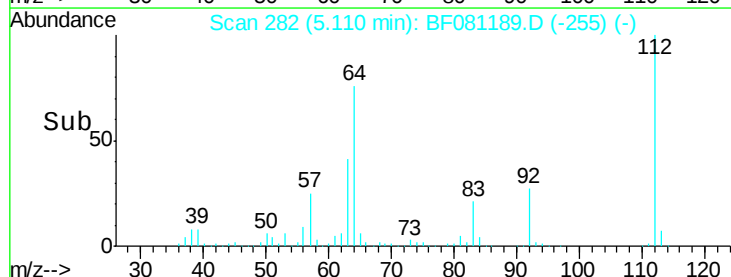
63 40.7 38.1 57.1

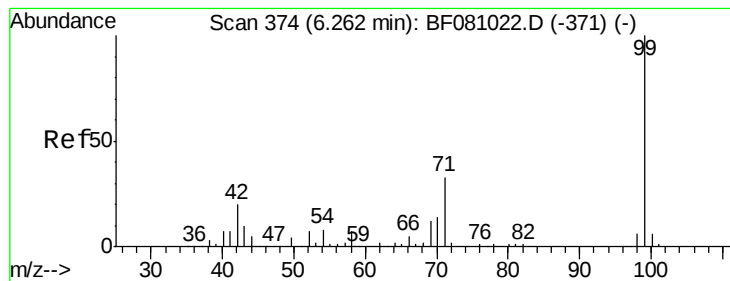


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.71 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

Instrument :

BNA_F

ClientSampleId :

SB-3(3-3.5)BGS

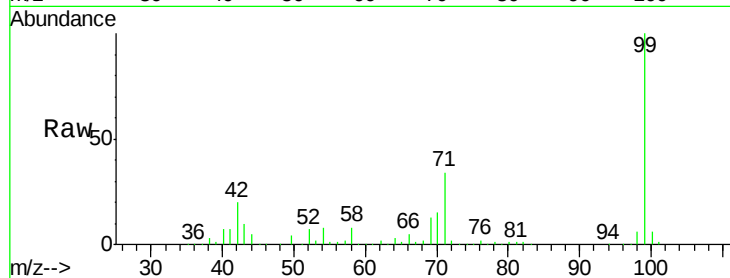
Tgt Ion: 99 Resp: 786684

Ion Ratio Lower Upper

99 100

42 19.8 19.6 29.4

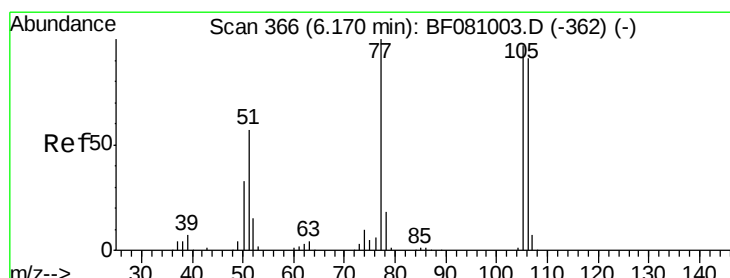
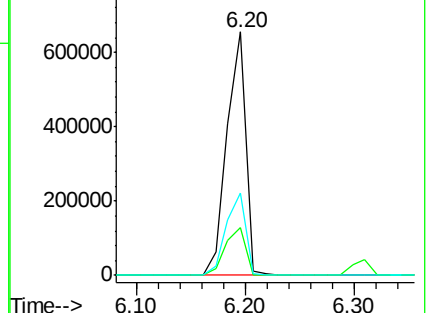
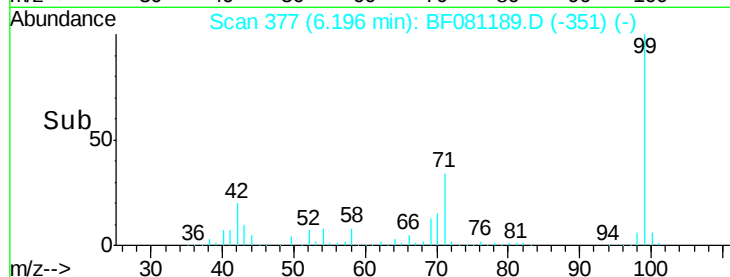
71 33.8 31.2 46.8



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: 3.97 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

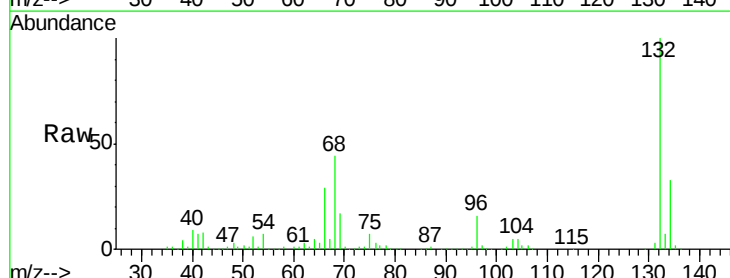
Tgt Ion: 77 Resp: 14325

Ion Ratio Lower Upper

77 100

105 76.8 69.6 109.6

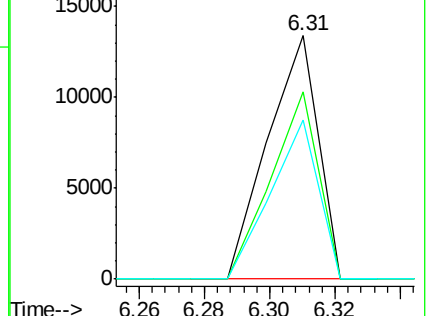
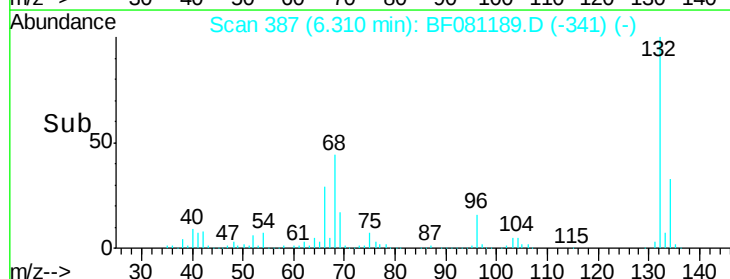
106 65.5 64.0 104.0

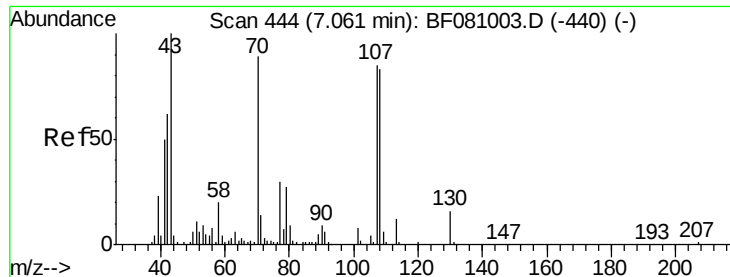


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

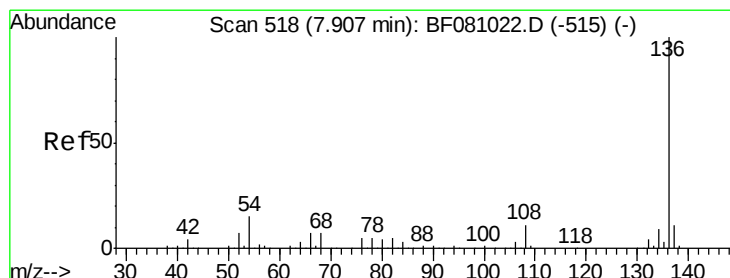
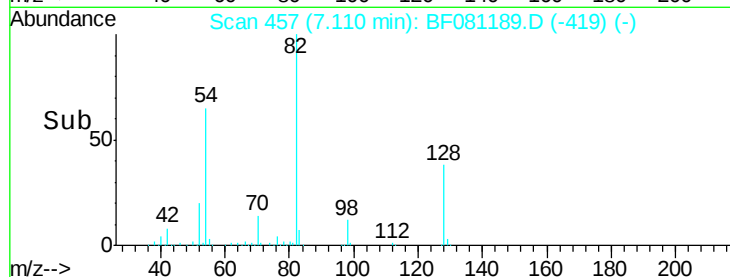
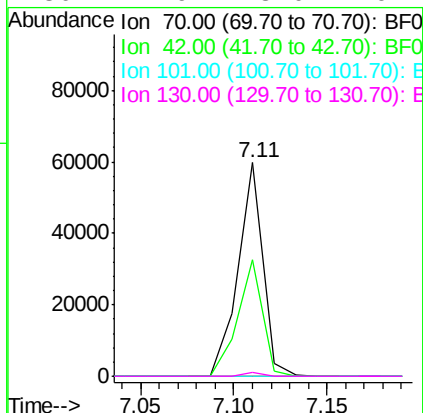
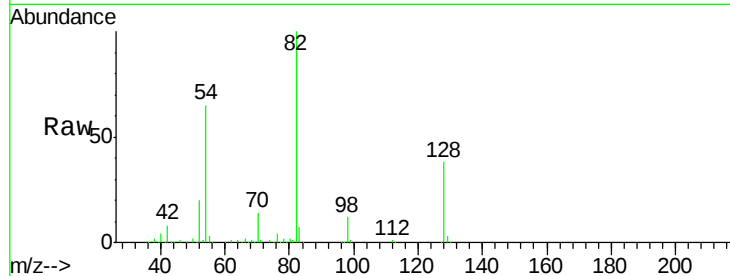




#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF081189.D
Acq: 25 Aug 2015 2:11

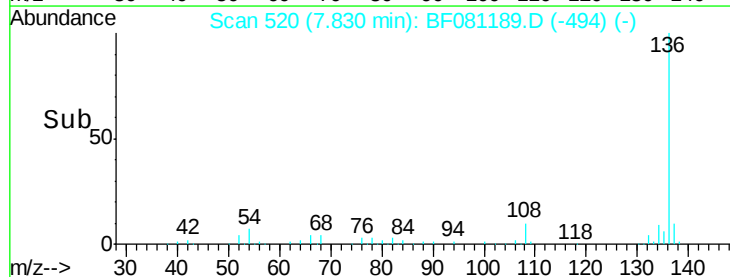
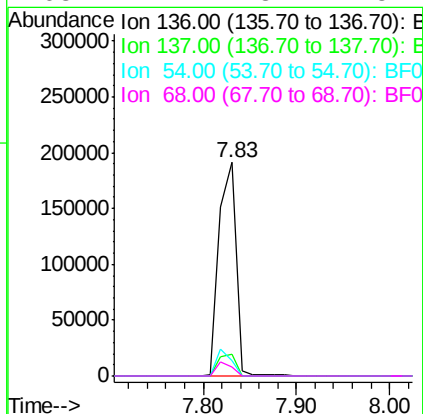
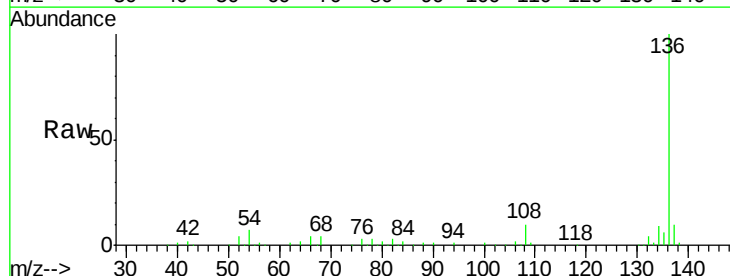
Instrument :
BNA_F
ClientSampleId :
SB-3(3-3.5)BGS

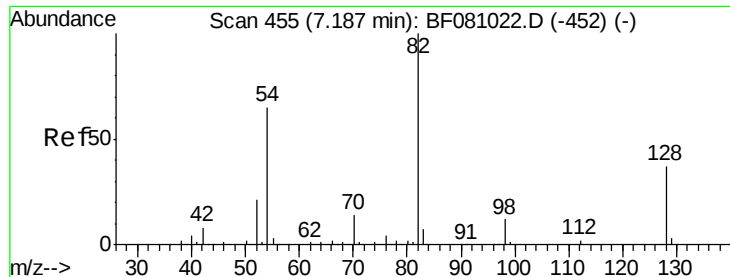
Tgt Ion: 70 Resp: 55724
Ion Ratio Lower Upper
70 100
42 54.6 65.0 97.4#
101 0.0 7.4 11.2#
130 1.9 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081189.D
Acq: 25 Aug 2015 2:11

Tgt Ion: 136 Resp: 242563
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.4 7.7 11.5#
68 4.1 3.4 5.2

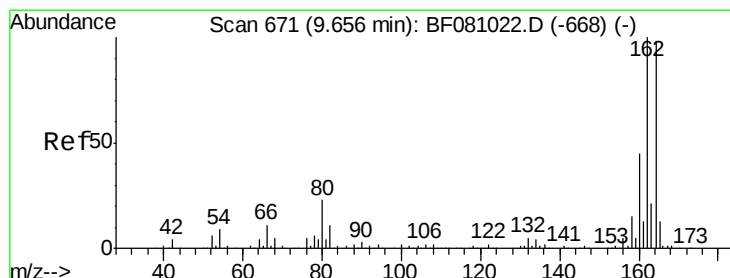
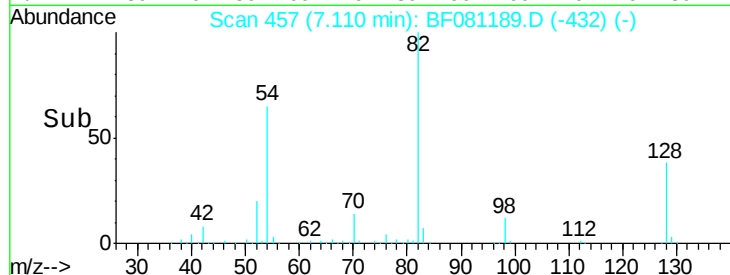
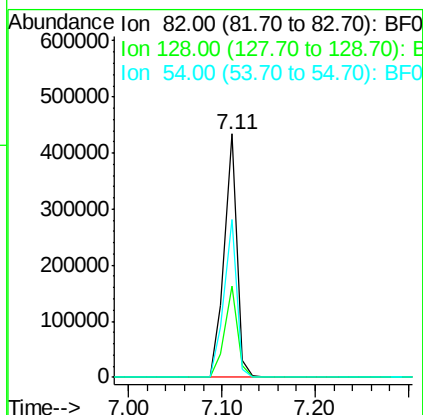
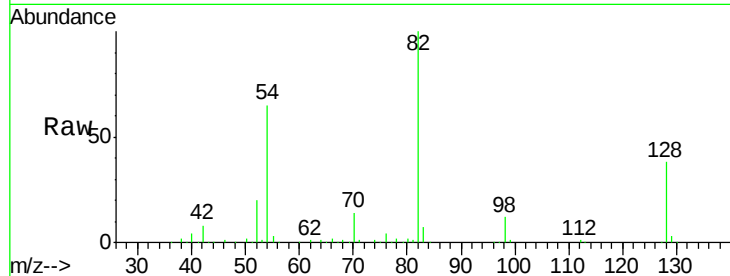




#23
Nitrobenzene-d5
Concen: 77.77 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081189.D
Acq: 25 Aug 2015 2:11

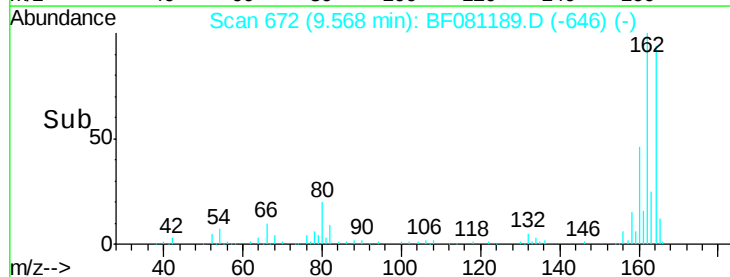
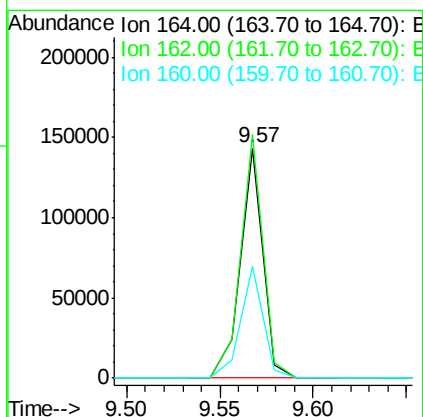
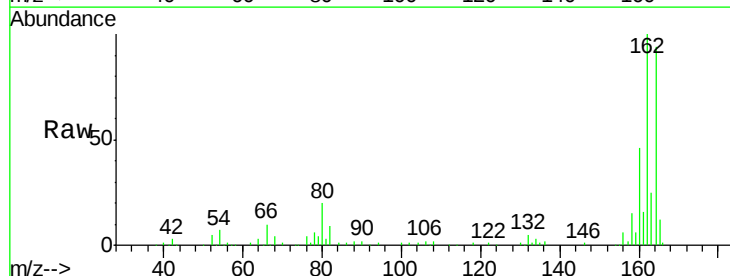
Instrument :
BNA_F
ClientSampleId :
SB-3(3-3.5)BGS

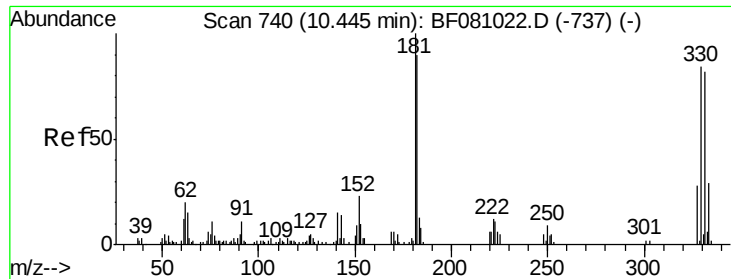
Tgt Ion: 82 Resp: 412967
Ion Ratio Lower Upper
82 100
128 37.6 28.6 42.8
54 64.7 55.1 82.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF081189.D
Acq: 25 Aug 2015 2:11

Tgt Ion: 164 Resp: 120571
Ion Ratio Lower Upper
164 100
162 106.0 83.8 125.8
160 48.5 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 134.19 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

Instrument :

BNA_F

ClientSampleId :

SB-3(3-3.5)BGS

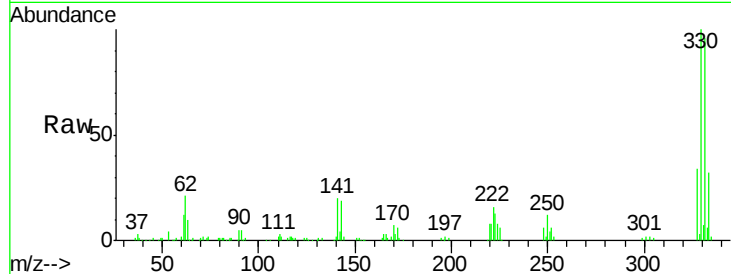
Tgt Ion:330 Resp: 140252

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

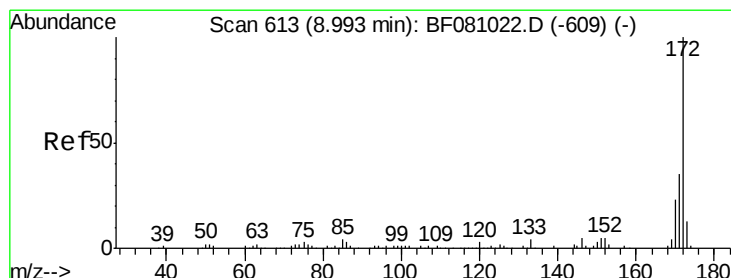
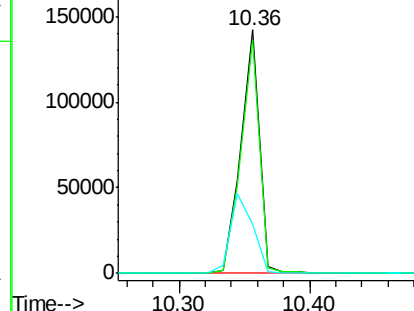
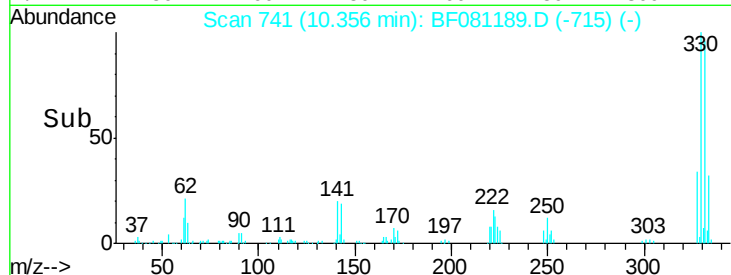
141 39.6 44.9 67.3#



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: 66.03 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

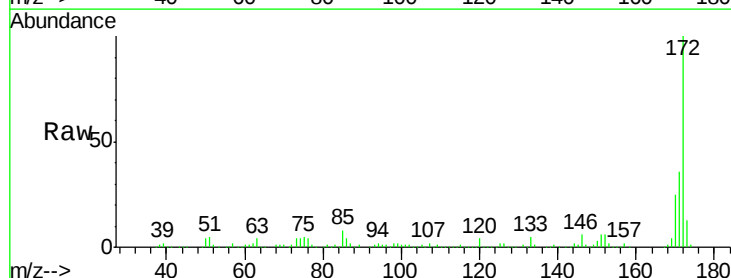
Tgt Ion:172 Resp: 607610

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

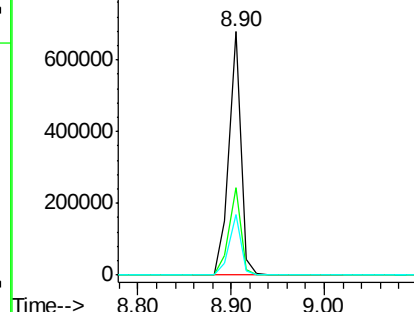
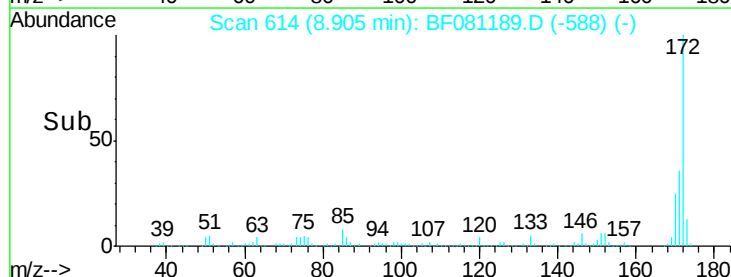
170 24.6 19.4 29.2

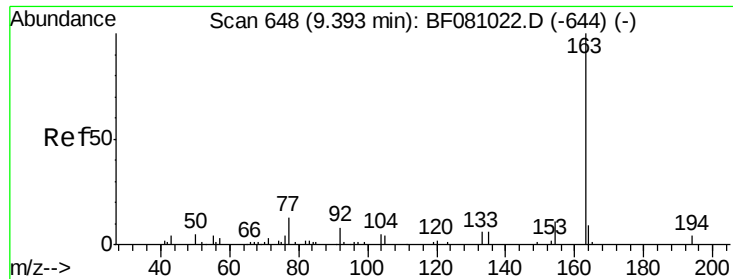


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

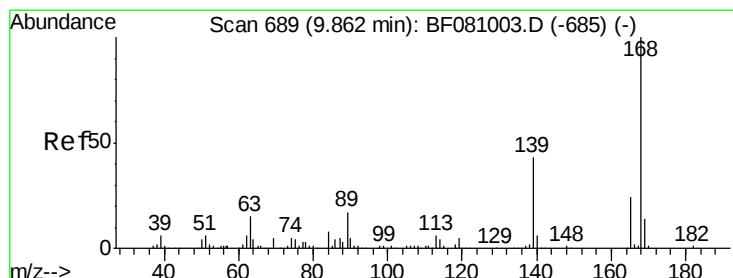
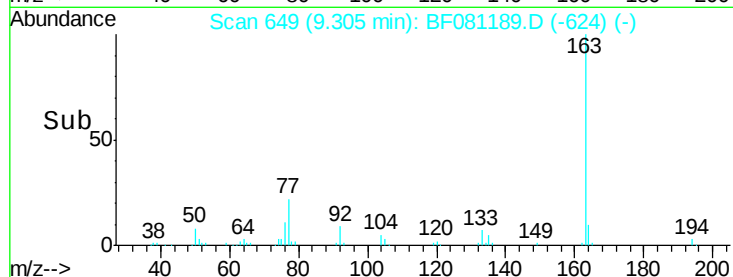
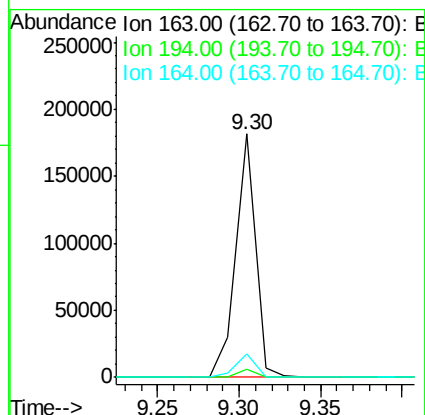
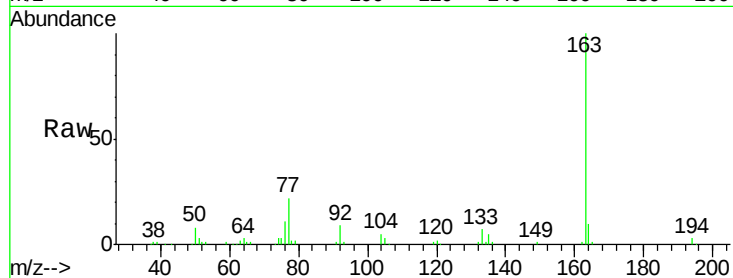




#49
Dimethylphthalate
Concen: 15.16 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081189.D
Acq: 25 Aug 2015 2:11

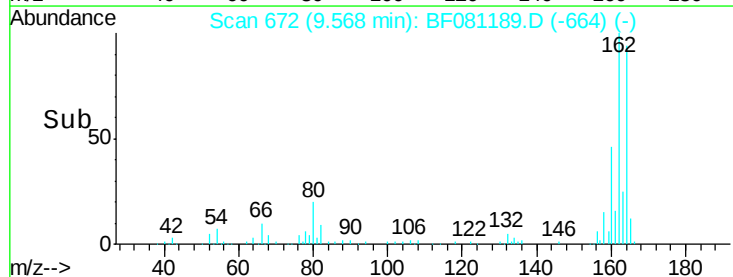
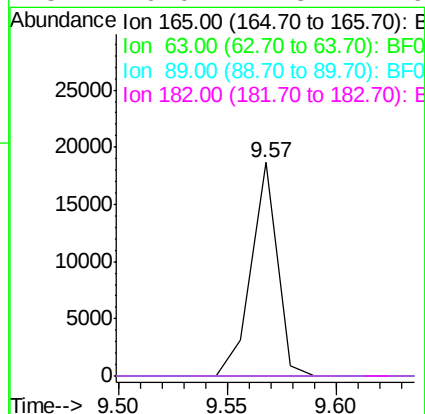
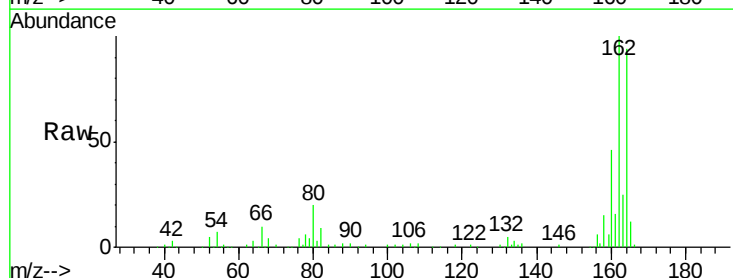
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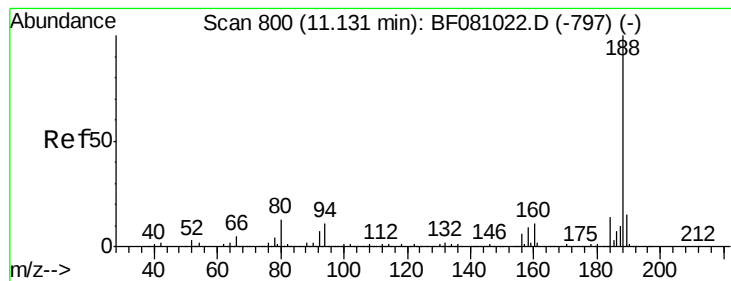
Tgt Ion:163 Resp: 150541
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.5 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF081189.D
Acq: 25 Aug 2015 2:11

Tgt Ion:165 Resp: 15586
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: 11.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

Instrument :

BNA_F

ClientSampleId :

SB-3(3-3.5)BGS

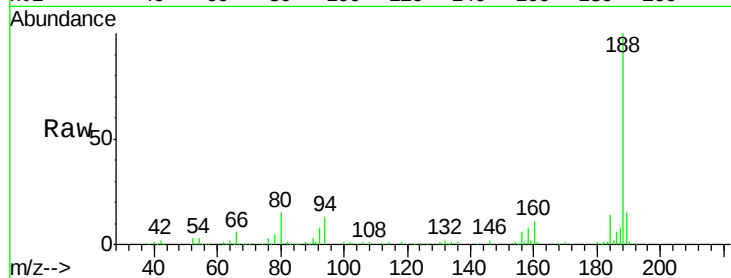
Tgt Ion:188 Resp: 234300

Ion Ratio Lower Upper

188 100

94 13.0 8.2 12.2#

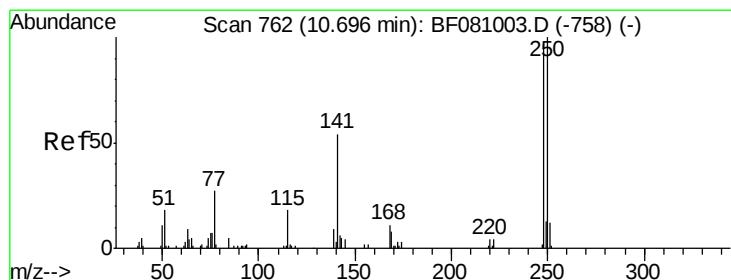
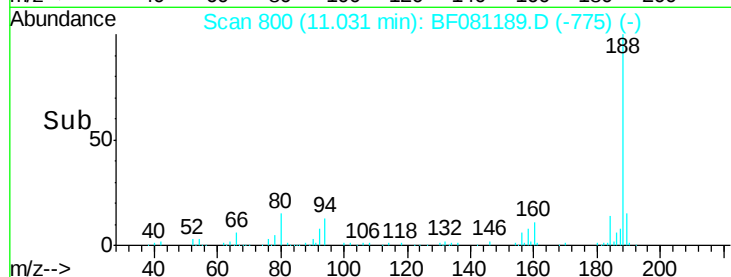
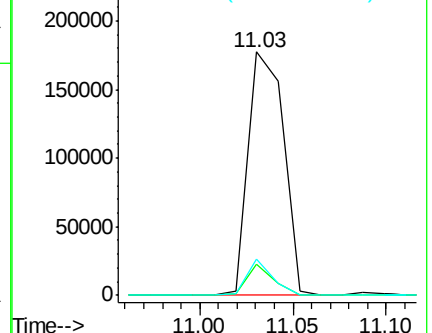
80 15.1 9.5 14.3#



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: 4.47 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

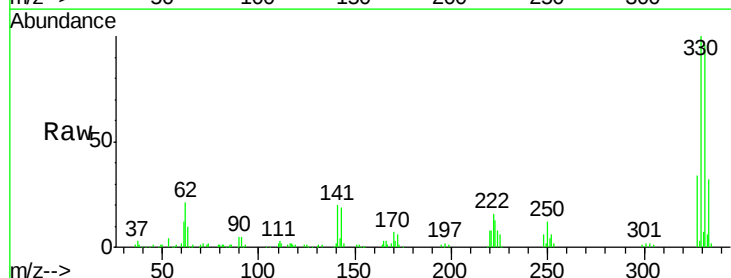
Tgt Ion:248 Resp: 10300

Ion Ratio Lower Upper

248 100

250 194.6 77.8 116.6#

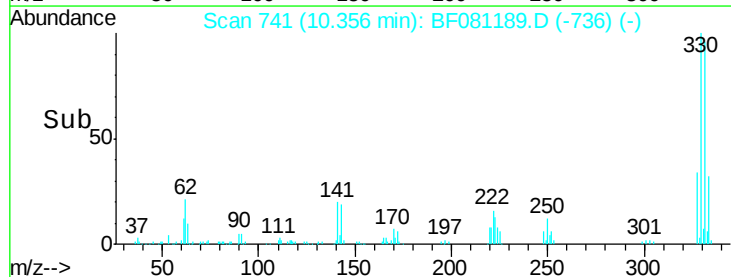
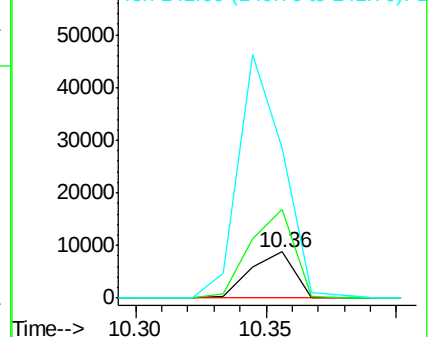
141 326.2 39.8 59.6#

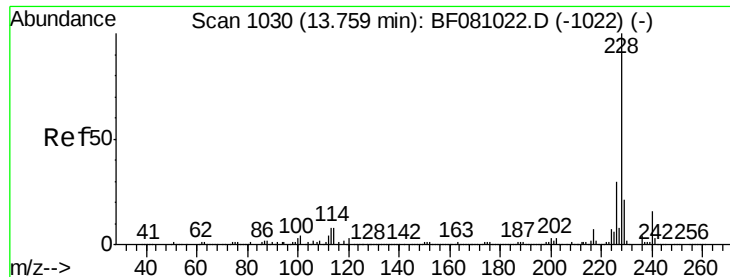


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

Instrument :

BNA_F

ClientSampleId :

SB-3(3-3.5)BGS

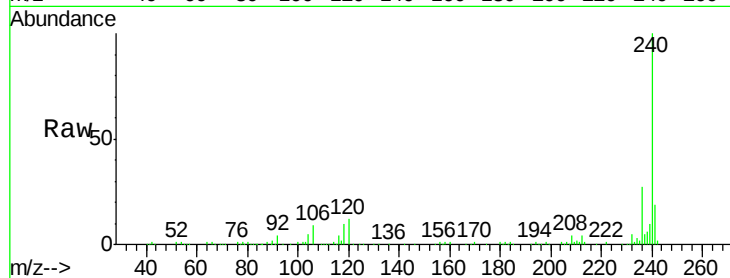
Tgt Ion:240 Resp: 206653

Ion Ratio Lower Upper

240 100

120 11.7 5.6 8.4#

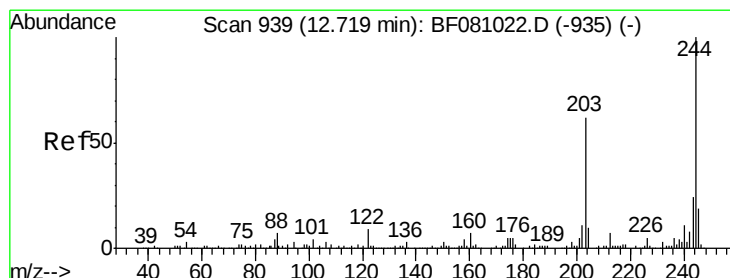
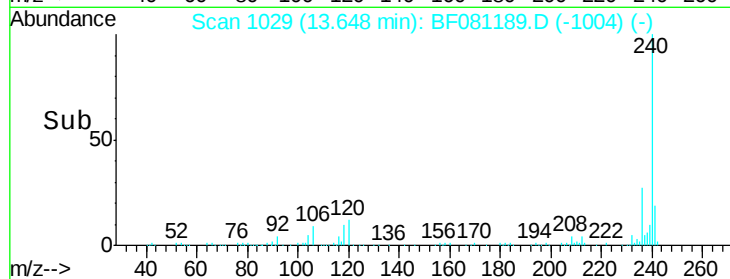
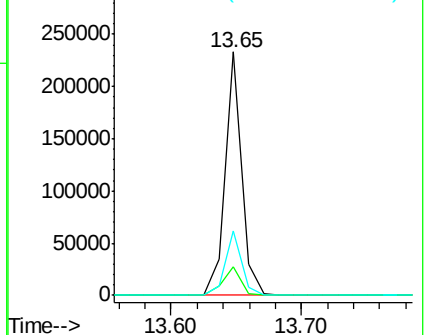
236 26.6 20.6 30.8



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: 61.36 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF081189.D

Acq: 25 Aug 2015 2:11

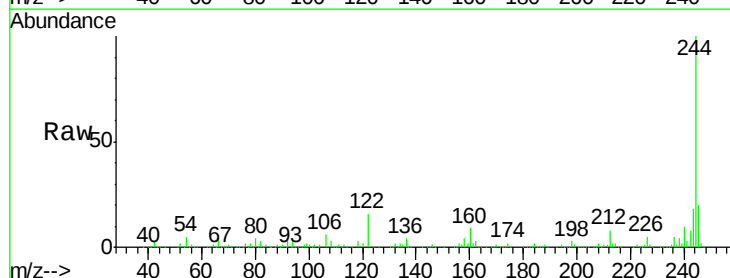
Tgt Ion:244 Resp: 591522

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

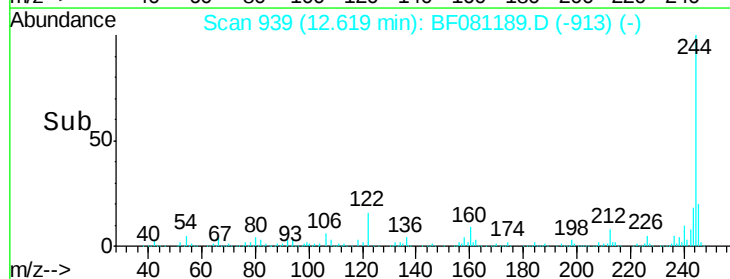
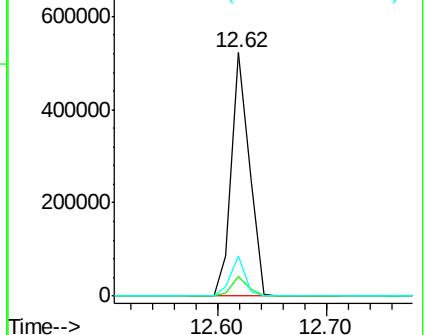
122 16.4 8.2 12.4#

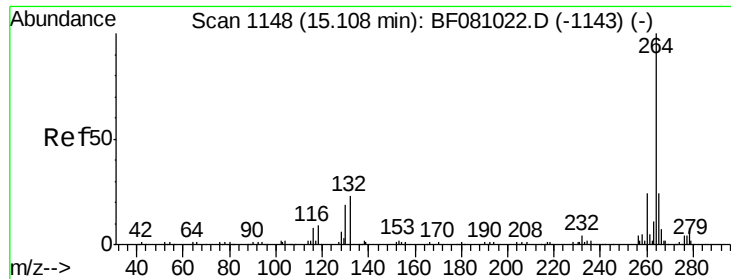


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081189.D
Acq: 25 Aug 2015 2:11

Instrument :
BNA_F
ClientSampleId :
SB-3(3-3.5)BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.6	29.4
265	22.2	17.5	26.3

