

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081187.D
 Acq On : 25 Aug 2015 1:09
 Operator : UM/IZ
 Sample : G3388-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)BGS

Quant Time: Aug 25 01:37:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 23:49:48 2015
 Response via : Initial Calibration

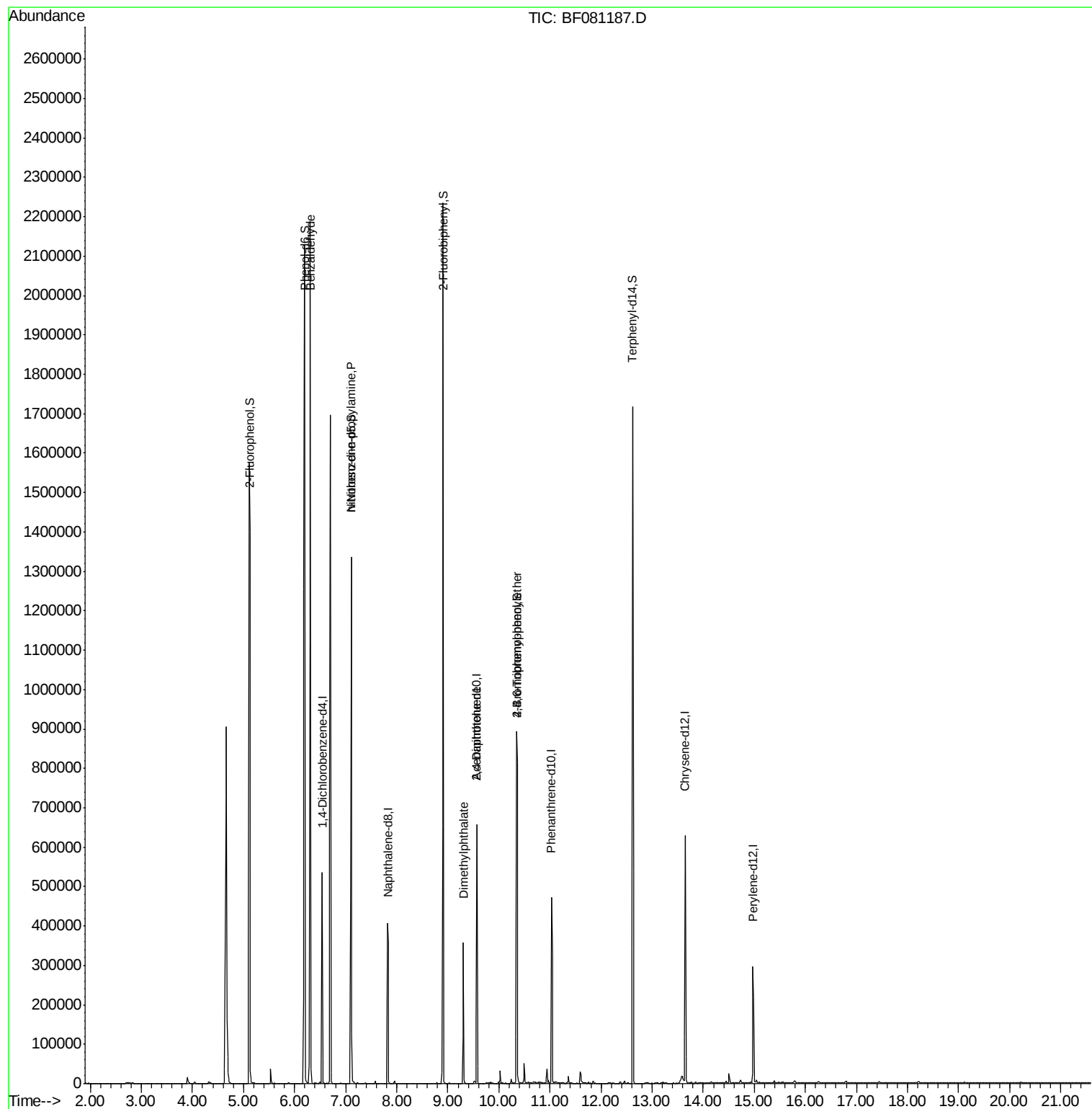
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	68695	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	258283	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	124623	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	226958	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	198918	20.00	ng	-0.01
86) Perylene-d12	14.97	264	140756	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	600468	131.47	ng	0.02
7) Phenol-d6	6.20	99	844678	141.75	ng	0.00
23) Nitrobenzene-d5	7.11	82	446901	79.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	134751	124.74	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	662960	69.70	ng	0.00
78) Terphenyl-d14	12.62	244	567362	61.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	15456	4.02	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.11	70	61179	14.82	ng	# 68
49) Dimethylphthalate	9.30	163	149704	14.59	ng	100
56) 2,4-Dinitrotoluene	9.57	165	15688	5.37	ng	# 17
66) 4-Bromophenyl-phenylether	10.36	248	10121	4.54	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: BF081187.D

Acq: 25 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

SB-1(4.5-5)BGS

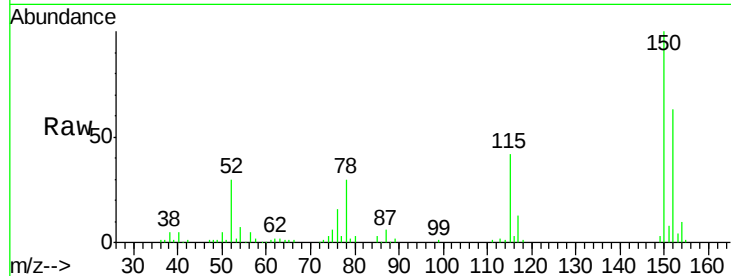
Tgt Ion:152 Resp: 68695

Ion Ratio Lower Upper

152 100

150 159.8 123.8 185.6

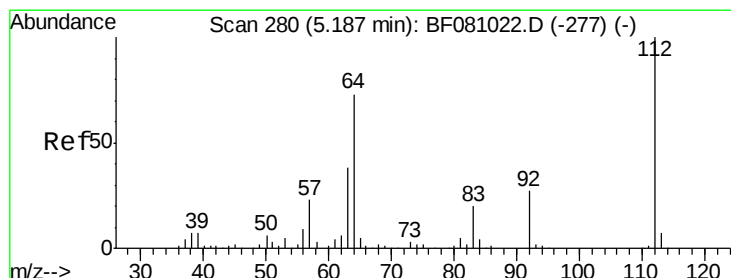
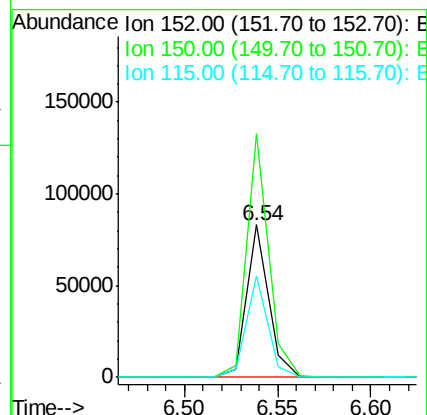
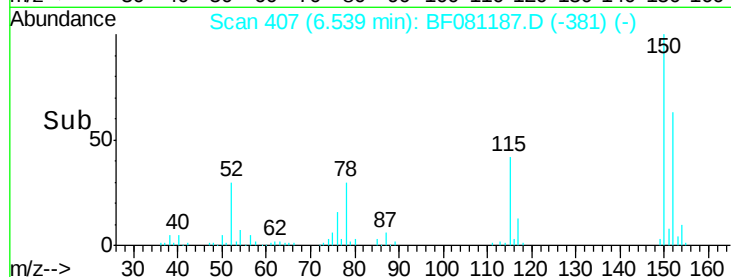
115 67.0 52.1 78.1



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: 131.47 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

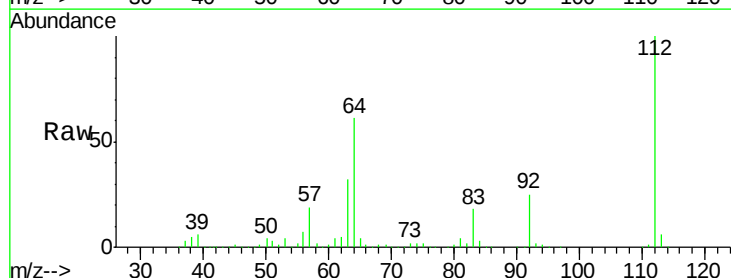
Tgt Ion:112 Resp: 600468

Ion Ratio Lower Upper

112 100

64 60.8 66.9 100.3#

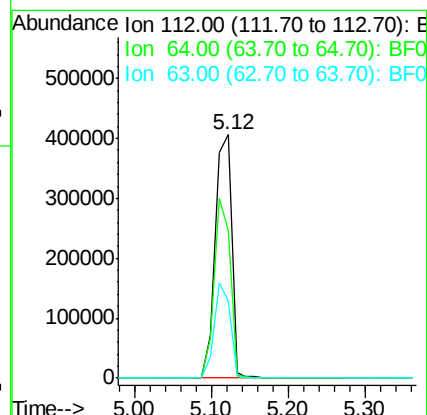
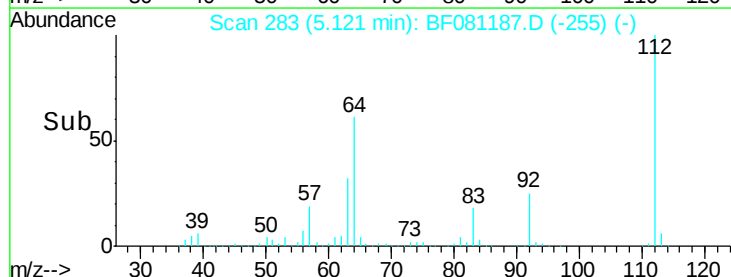
63 31.5 38.1 57.1#



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: 141.75 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

SB-1(4.5-5)BGS

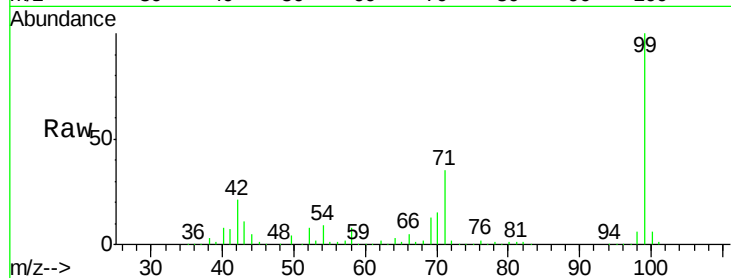
Tgt Ion: 99 Resp: 844678

Ion Ratio Lower Upper

99 100

42 20.6 19.6 29.4

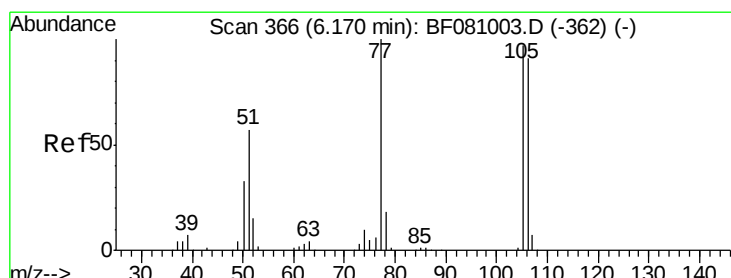
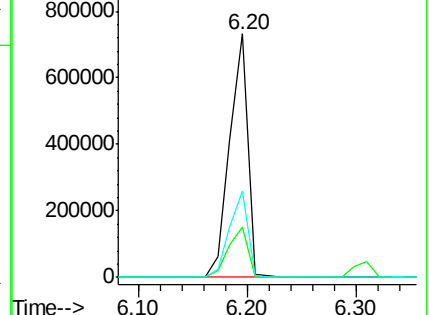
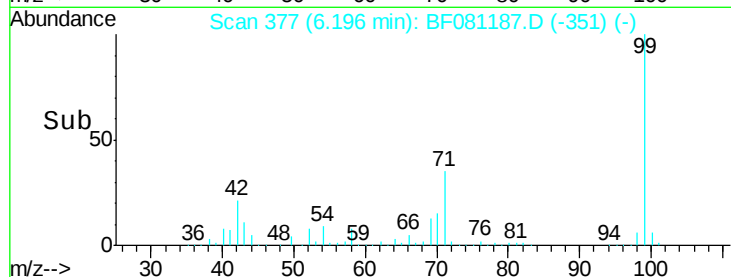
71 35.2 31.2 46.8



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: 4.02 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

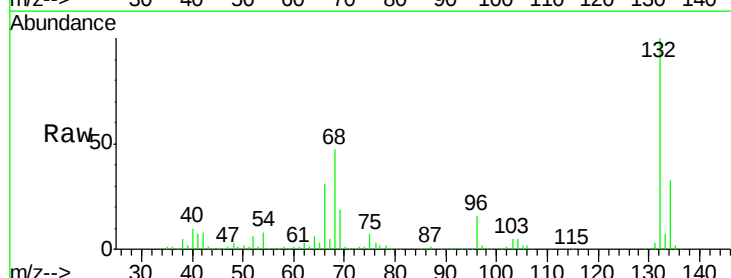
Tgt Ion: 77 Resp: 15456

Ion Ratio Lower Upper

77 100

105 76.4 69.6 109.6

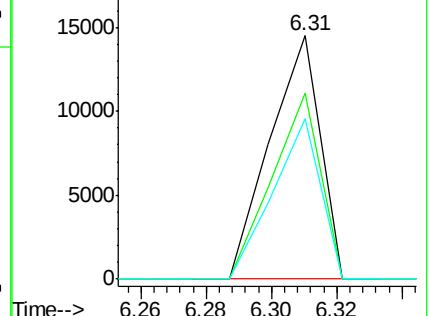
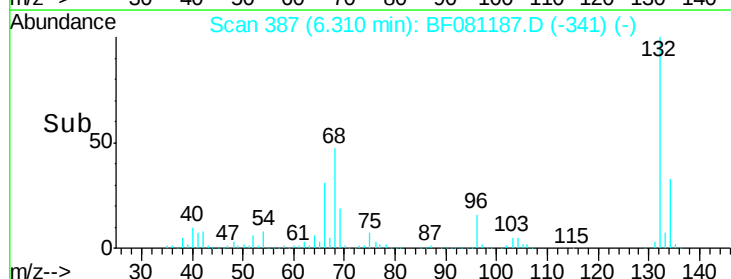
106 65.9 64.0 104.0

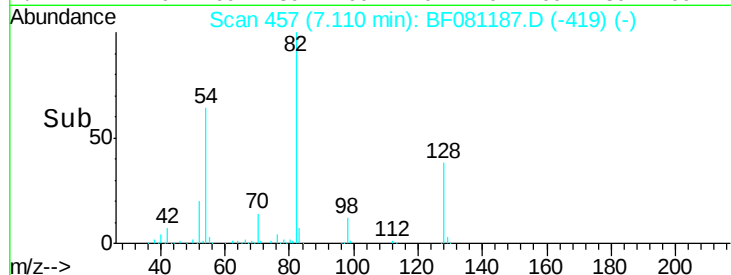
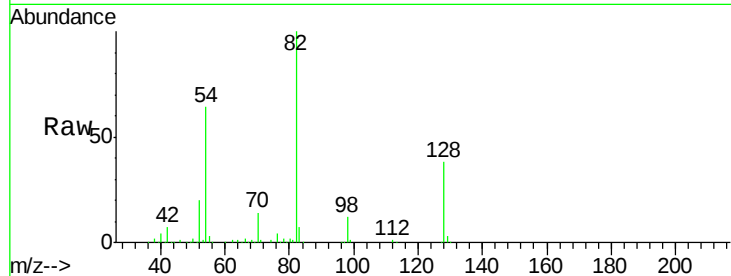
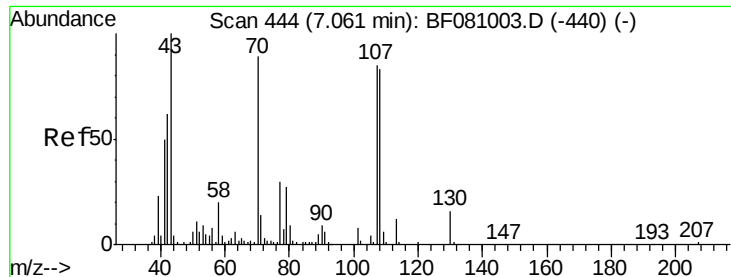


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

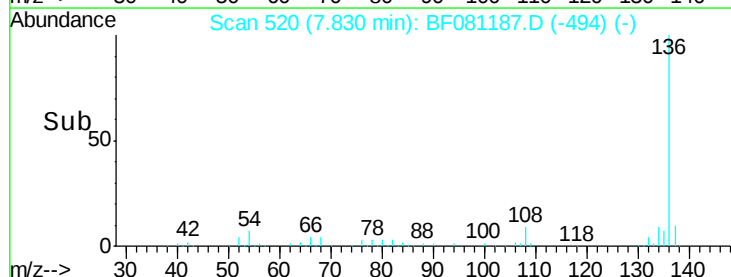
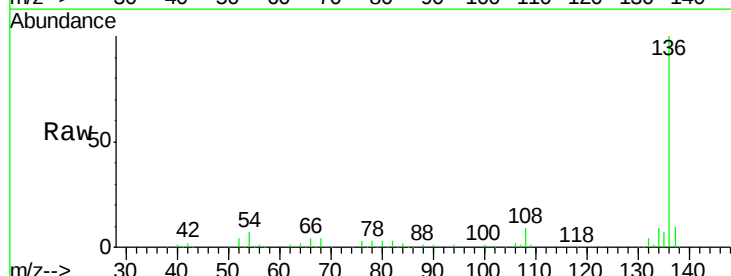
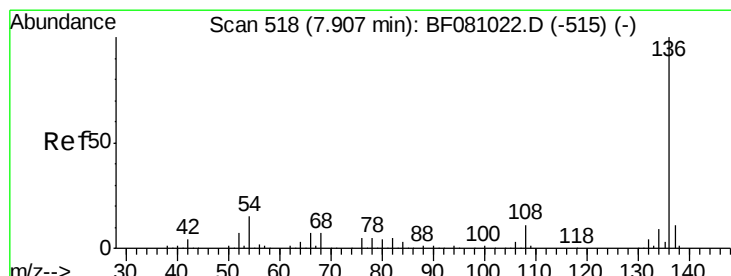
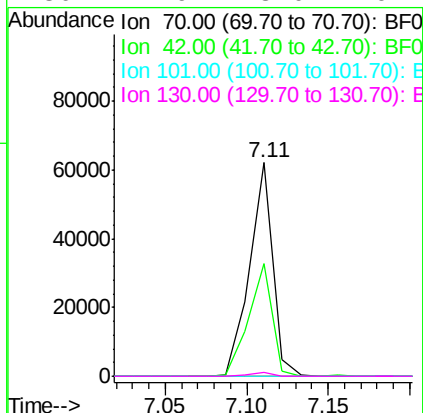




#19
n-Nitroso-di-n-propylamine
Concen: 14.82 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF081187.D
Acq: 25 Aug 2015 1:09

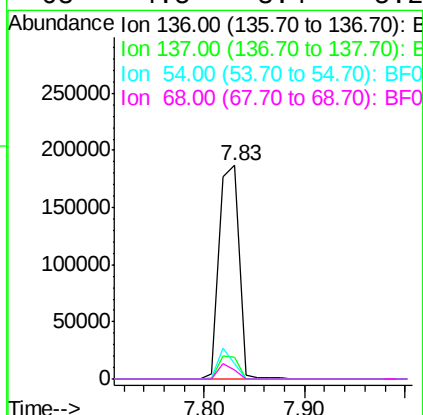
Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)BGS

Tgt Ion: 70 Resp: 61179
Ion Ratio Lower Upper
70 100
42 52.8 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: BF081187.D
Acq: 25 Aug 2015 1:09

Tgt Ion: 136 Resp: 258283
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.1 7.7 11.5#
68 4.5 3.4 5.2

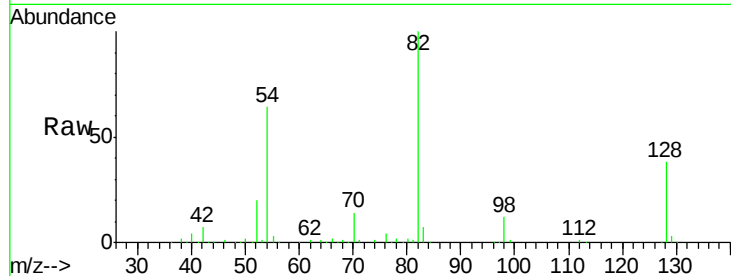




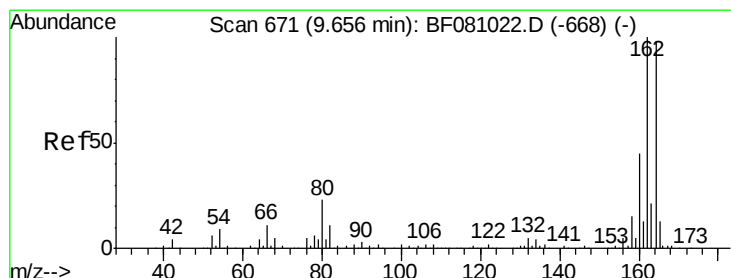
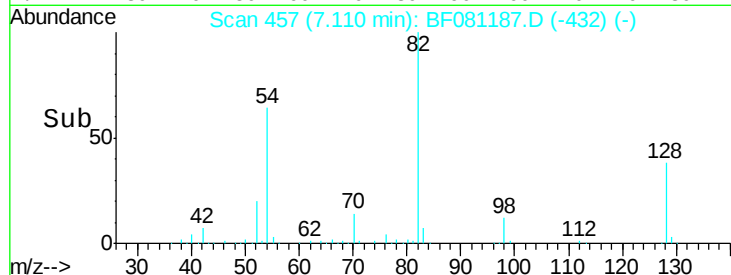
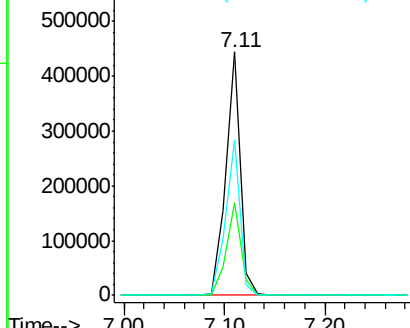
#23
 Nitrobenzene-d5
 Concen: 79.04 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081187.D
 Acq: 25 Aug 2015 1:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)BGS

Tgt Ion: 82 Resp: 446901
 Ion Ratio Lower Upper
 82 100
 128 37.9 28.6 42.8
 54 64.0 55.1 82.7

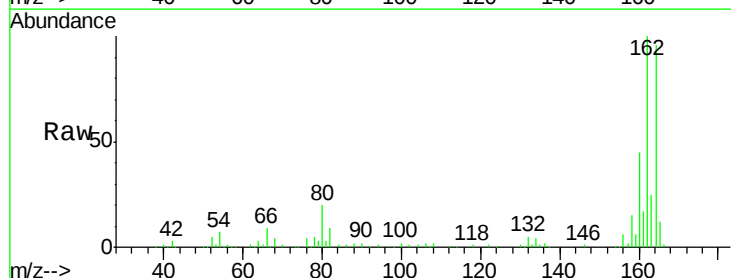


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

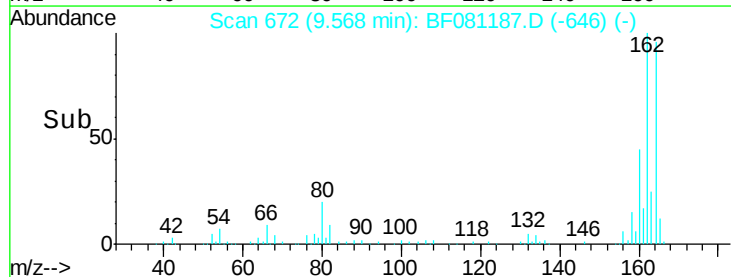
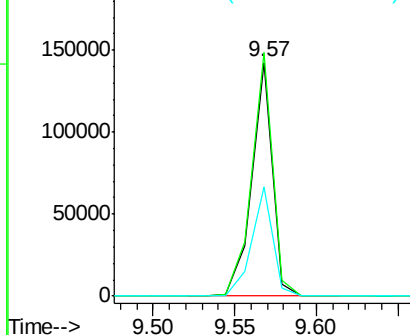


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF081187.D
 Acq: 25 Aug 2015 1:09

Tgt Ion: 164 Resp: 124623
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.8 125.8
 160 46.6 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

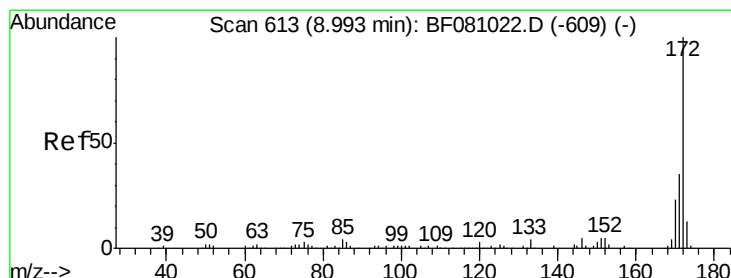
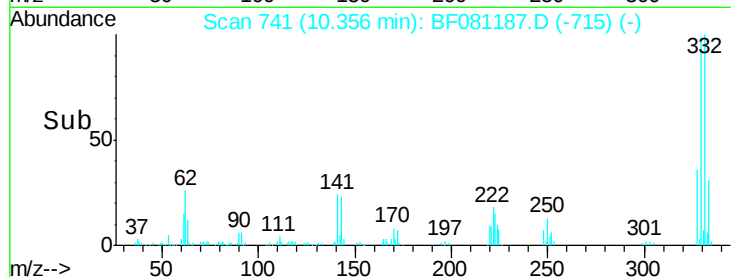
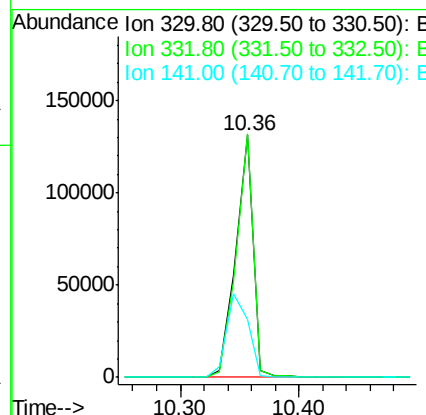
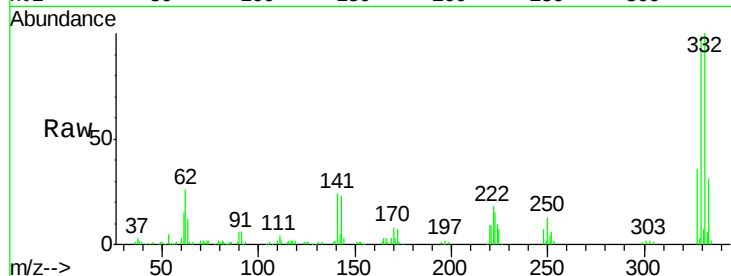




#41
 2,4,6-Tribromophenol
 Concen: 124.74 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081187.D
 Acq: 25 Aug 2015 1:09

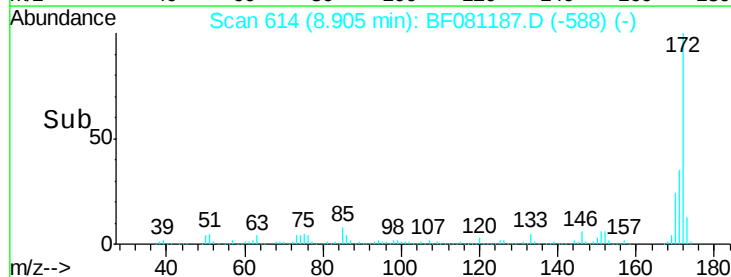
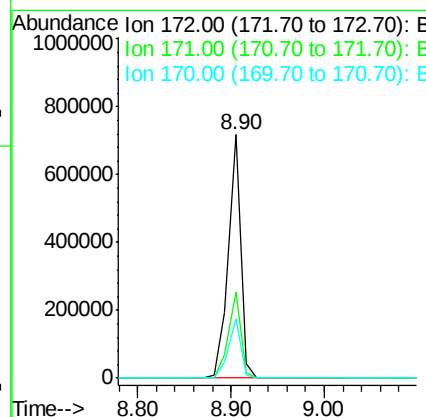
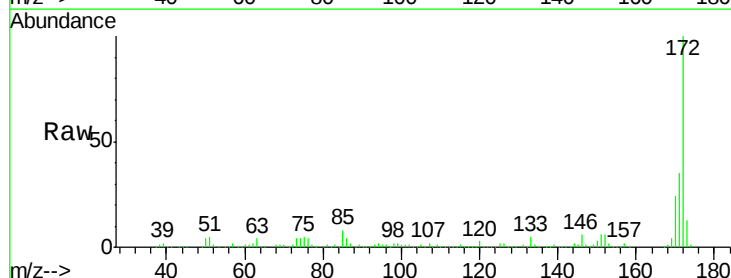
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)BGS

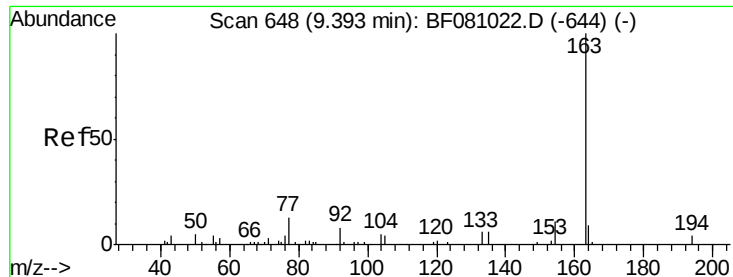
Tgt Ion:330 Resp: 134751
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.3 115.9
 141 42.8 44.9 67.3#



#44
 2-Fluorobiphenyl
 Concen: 69.70 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081187.D
 Acq: 25 Aug 2015 1:09

Tgt Ion:172 Resp: 662960
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 24.4 19.4 29.2





#49

Dimethylphthalate

Concen: 14.59 ng

RT: 9.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

SB-1(4.5-5)BGS

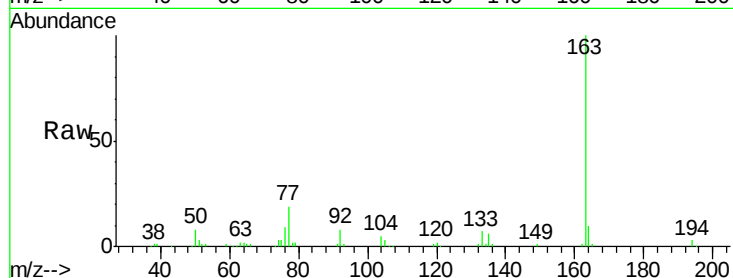
Tgt Ion:163 Resp: 149704

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

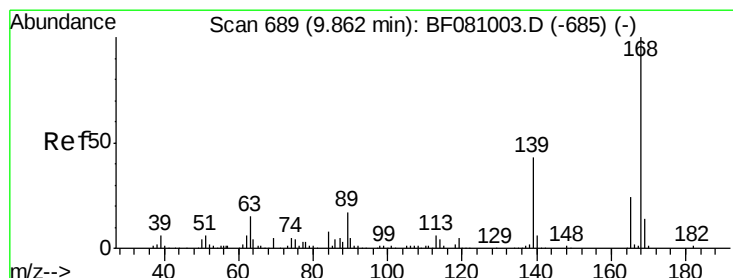
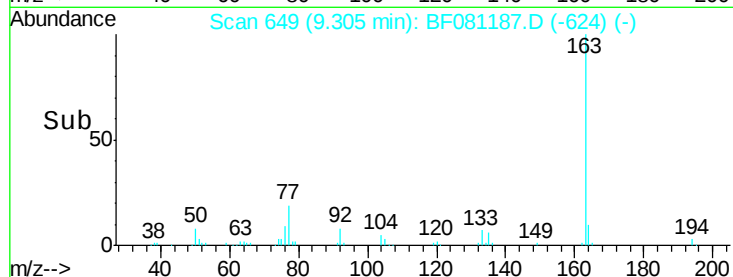
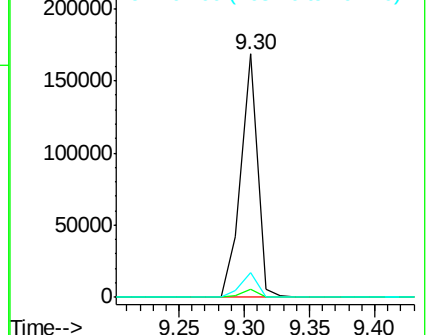
164 10.0 8.1 12.1



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: 5.37 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

Tgt Ion:165 Resp: 15688

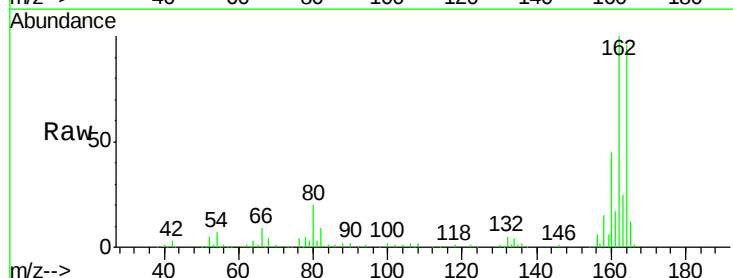
Ion Ratio Lower Upper

165 100

63 2.2 52.2 78.4#

89 0.0 60.1 90.1#

182 0.0 1.8 2.6#

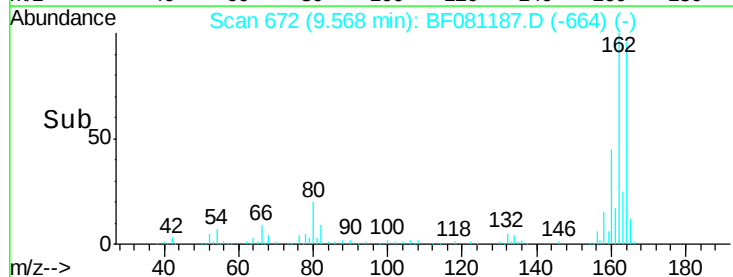
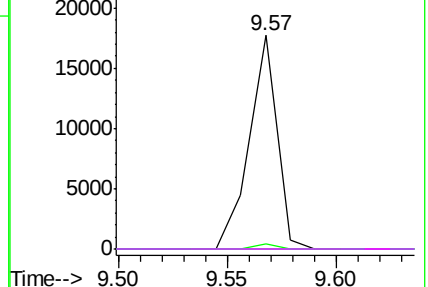


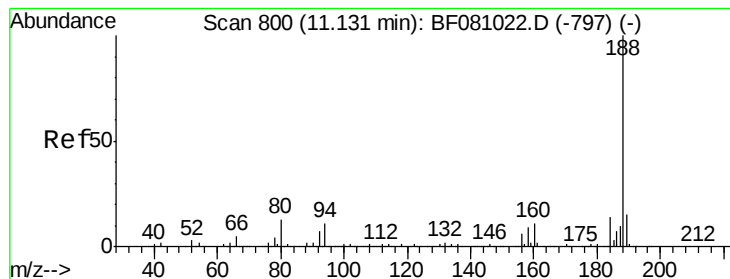
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081187.D

Acq: 25 Aug 2015 1:09

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SB-1(4.5-5)BGS

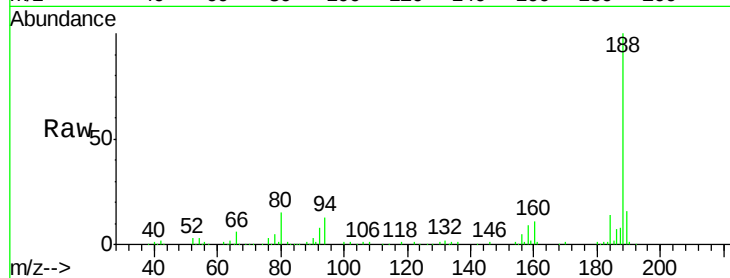
Tgt Ion:188 Resp: 226958

Ion Ratio Lower Upper

188 100

94 13.3 8.2 12.2#

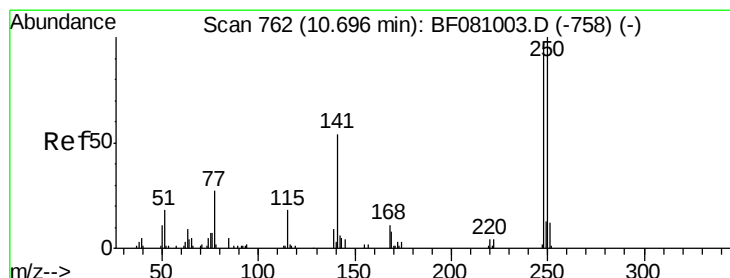
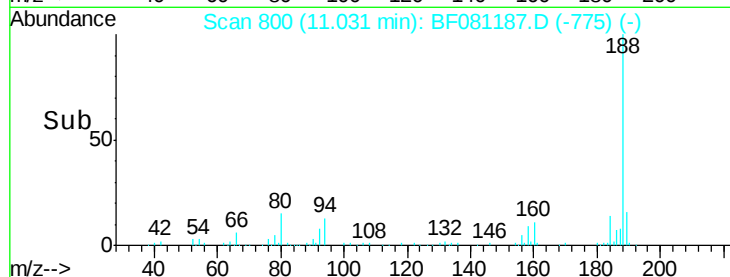
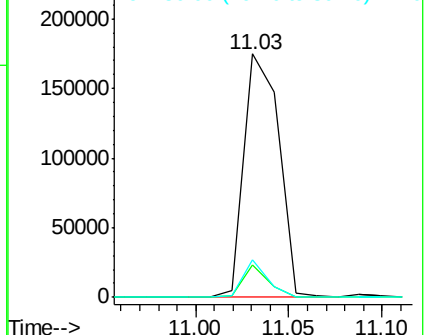
80 15.2 9.5 14.3#



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: 4.54 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

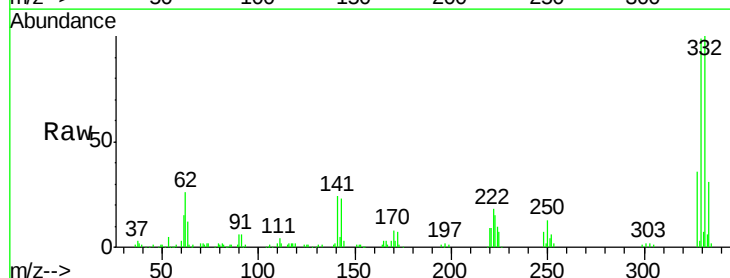
Tgt Ion:248 Resp: 10121

Ion Ratio Lower Upper

248 100

250 193.9 77.8 116.6#

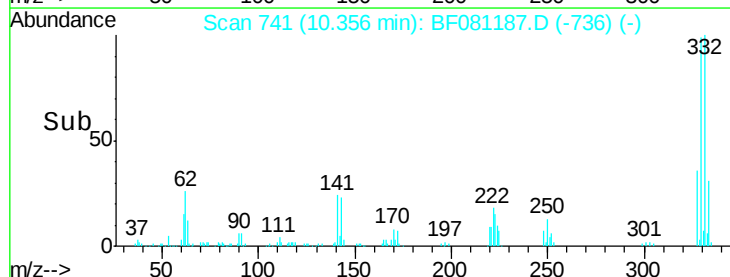
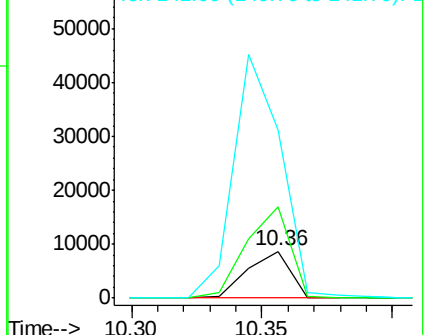
141 356.9 39.8 59.6#

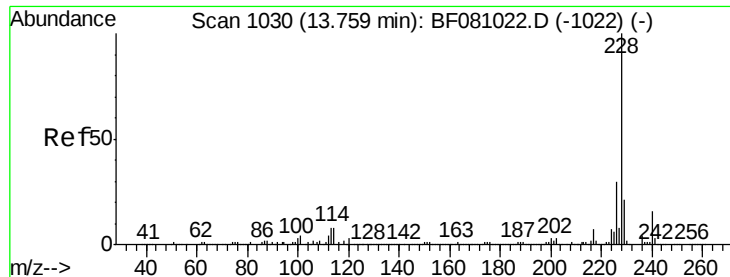


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081187.D

Acq: 25 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

SB-1(4.5-5)BGS

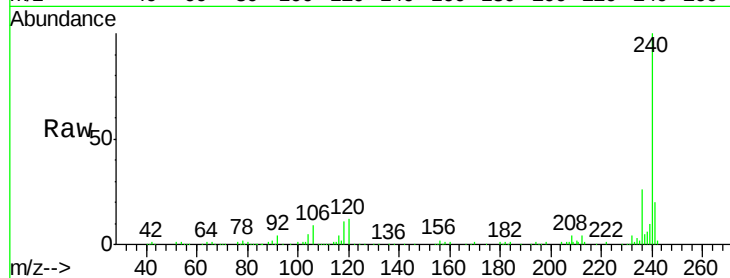
Tgt Ion:240 Resp: 198918

Ion Ratio Lower Upper

240 100

120 12.4 5.6 8.4#

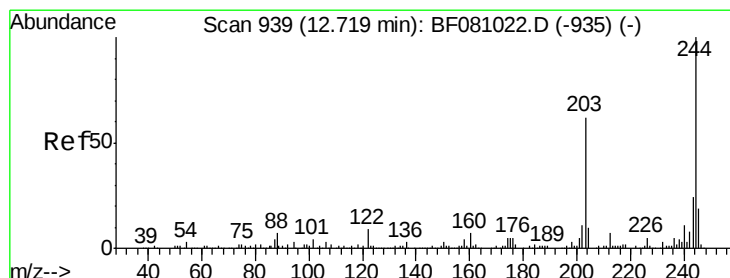
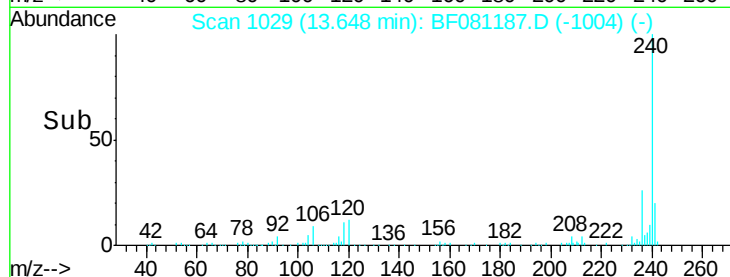
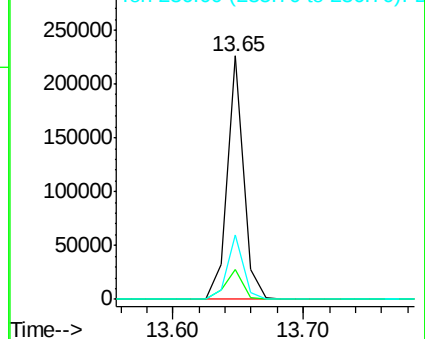
236 26.3 20.6 30.8



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: 61.15 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF081187.D

Acq: 25 Aug 2015 1:09

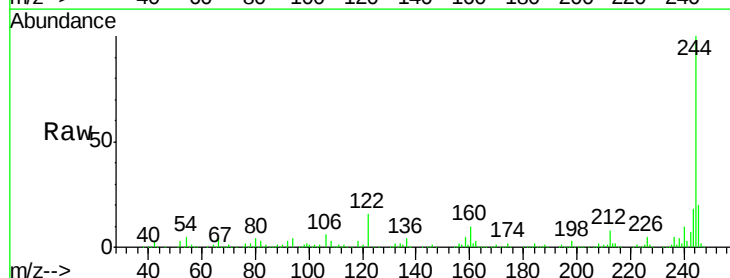
Tgt Ion:244 Resp: 567362

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

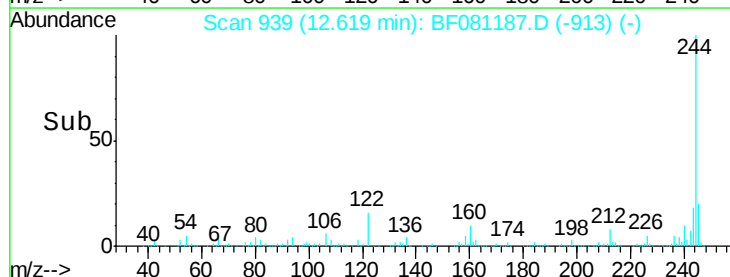
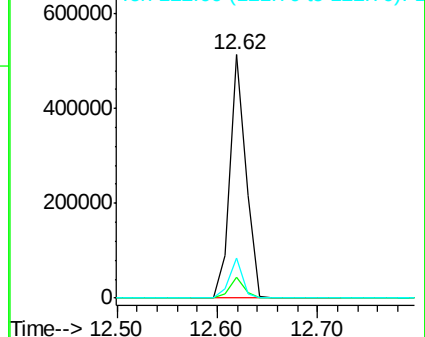
122 16.3 8.2 12.4#

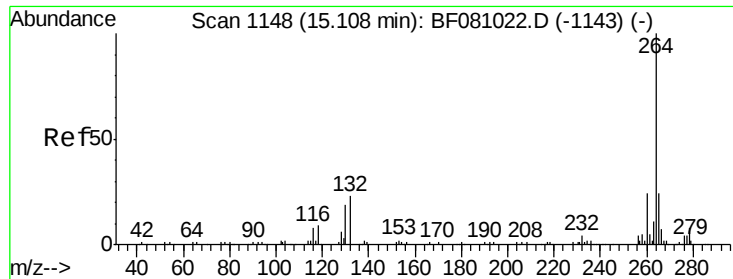


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081187.D
Acq: 25 Aug 2015 1:09

Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.8	17.5	26.3

