

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081191.D
 Acq On : 25 Aug 2015 3:12
 Operator : UM/IZ
 Sample : G3388-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(5.5-6)BGS

Quant Time: Aug 25 03:49:51 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

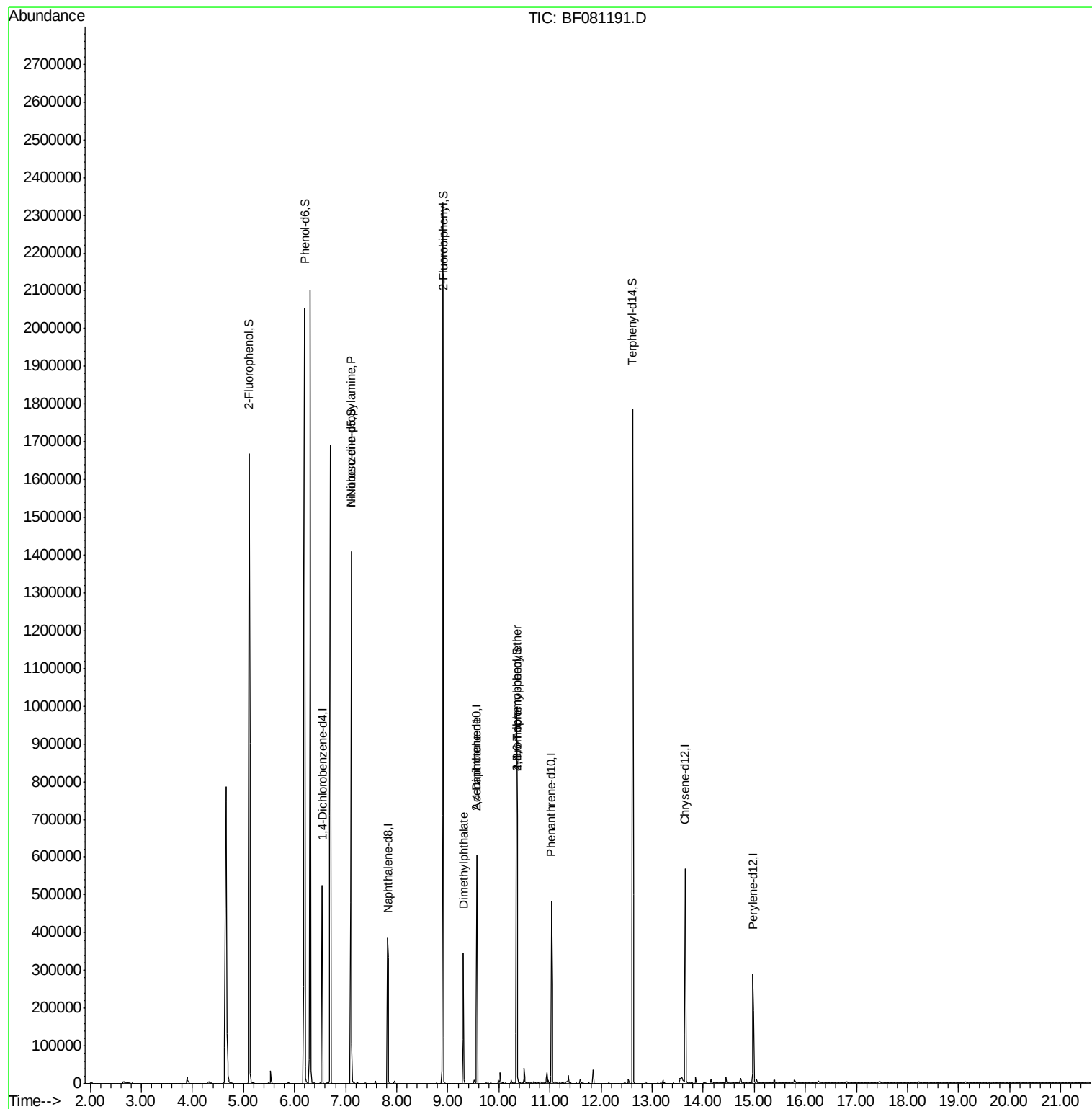
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65991	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	244785	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	117588	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	209935	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	191282	20.00	ng	-0.01
86) Perylene-d12	14.97	264	132738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	561278	127.93	ng	0.01
7) Phenol-d6	6.20	99	852008	148.84	ng	0.00
23) Nitrobenzene-d5	7.11	82	464701	86.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	138954	136.32	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	710472	79.17	ng	0.00
78) Terphenyl-d14	12.62	244	589141	66.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	63068	15.90	ng	# 68
49) Dimethylphthalate	9.30	163	146036	15.08	ng	100
56) 2,4-Dinitrotoluene	9.57	165	14755	5.35	ng	# 16
66) 4-Bromophenyl-phenylether	10.36	248	10369	5.03	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: BF081191.D

Acq: 25 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

SB-5(5.5-6)BGS

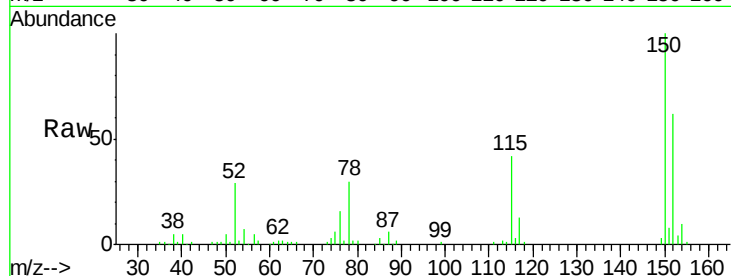
Tgt Ion:152 Resp: 65991

Ion Ratio Lower Upper

152 100

150 162.3 123.8 185.6

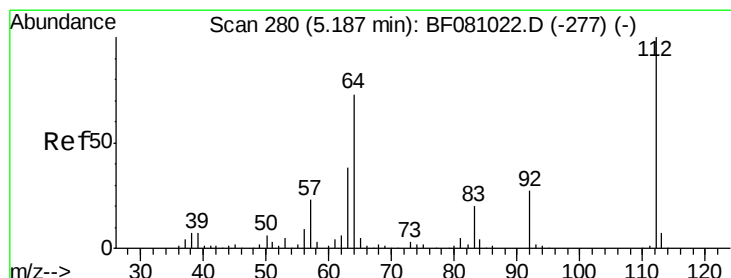
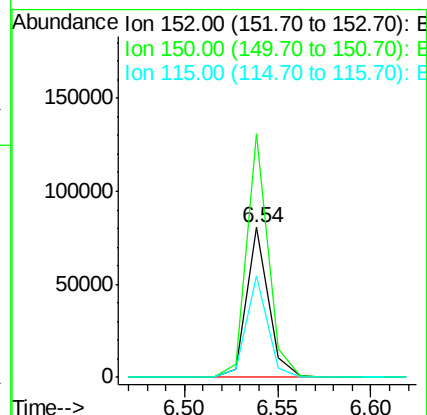
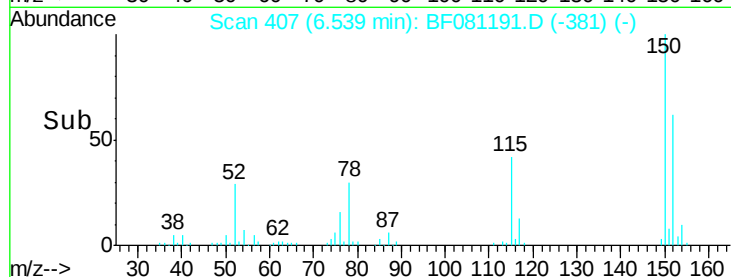
115 68.0 52.1 78.1



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: 127.93 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081191.D

Acq: 25 Aug 2015 3:12

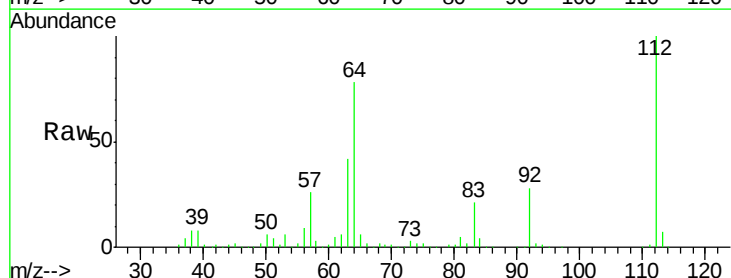
Tgt Ion:112 Resp: 561278

Ion Ratio Lower Upper

112 100

64 78.5 66.9 100.3

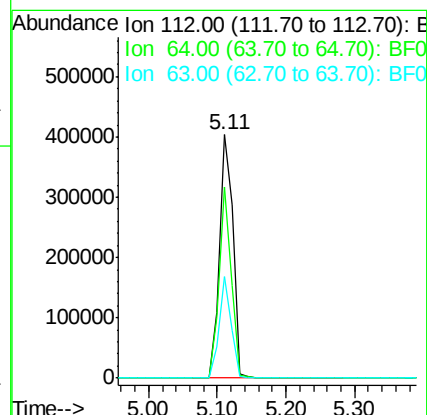
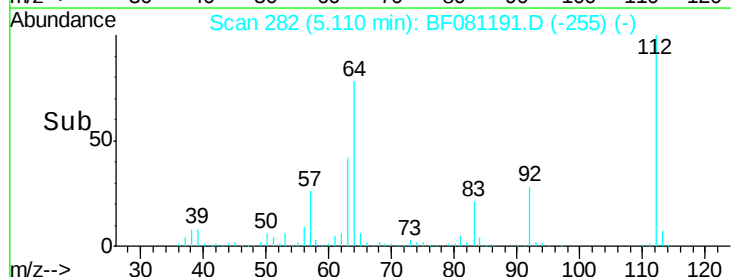
63 41.8 38.1 57.1



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: 148.84 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081191.D

Acq: 25 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

SB-5(5.5-6)BGS

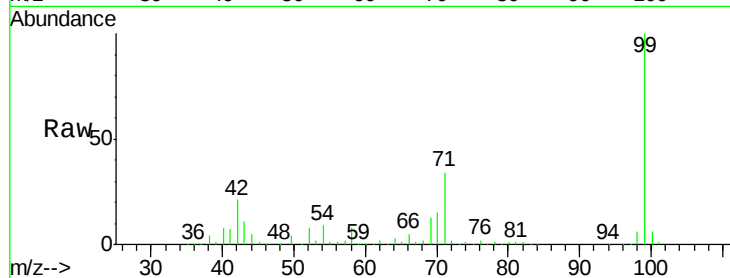
Tgt Ion: 99 Resp: 852008

Ion Ratio Lower Upper

99 100

42 20.7 19.6 29.4

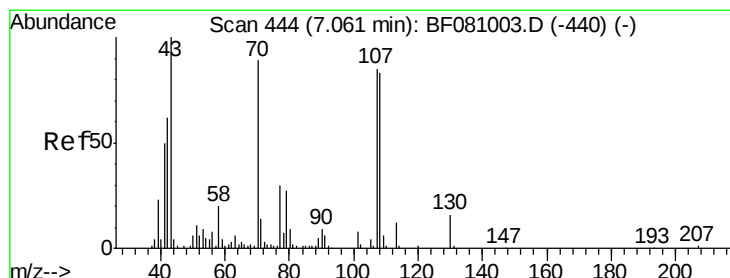
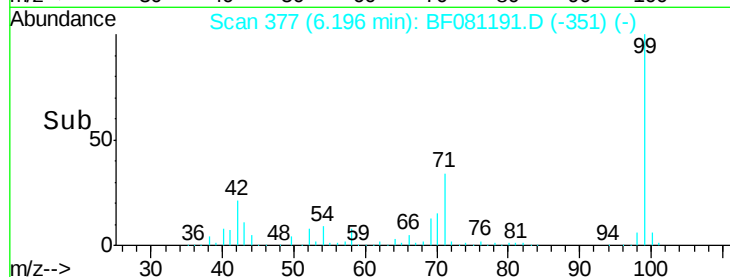
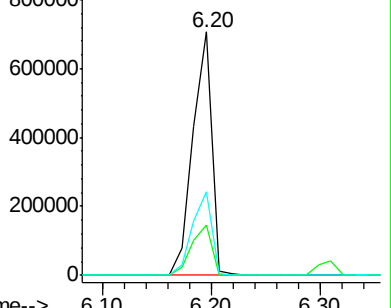
71 34.4 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.90 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF081191.D

Acq: 25 Aug 2015 3:12

Tgt Ion: 70 Resp: 63068

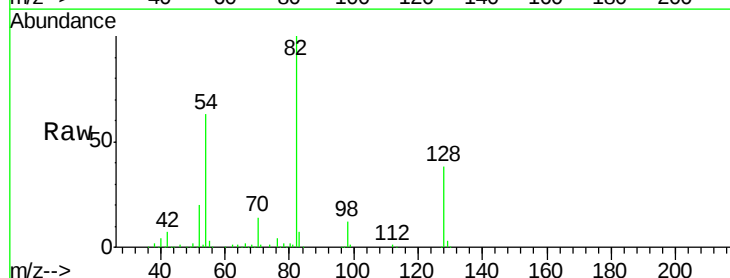
Ion Ratio Lower Upper

70 100

42 52.7 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

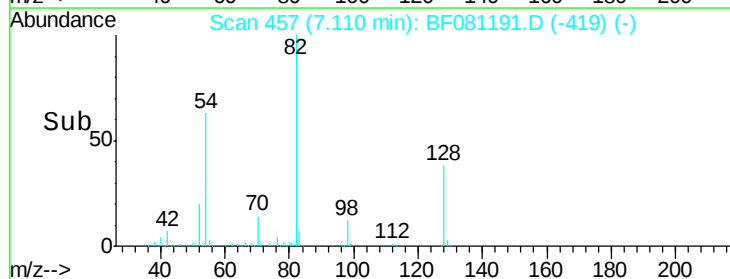
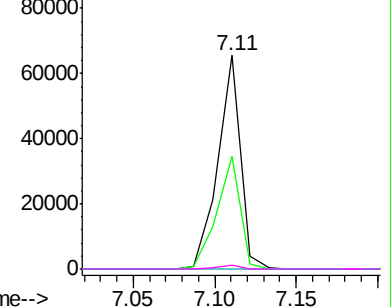


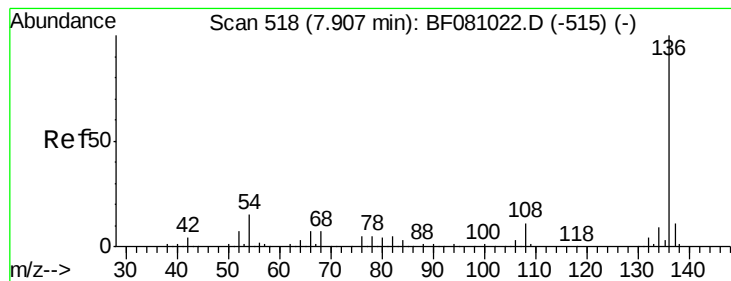
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

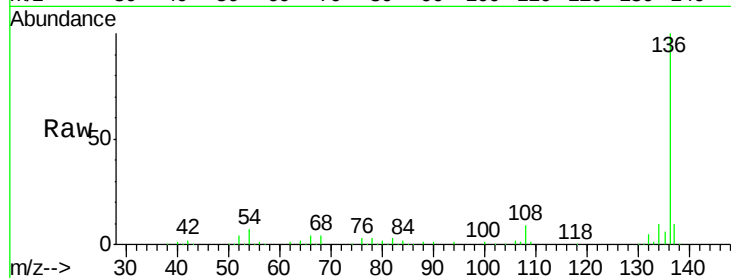




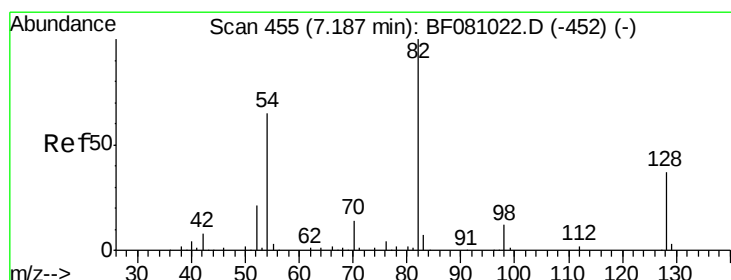
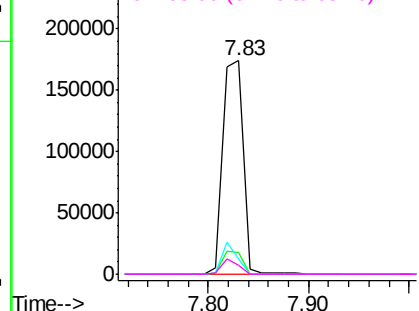
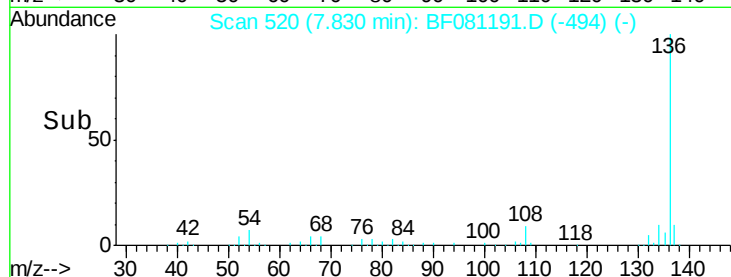
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :
SB-5(5.5-6)BGS

Tgt Ion: 136 Resp: 244785
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.4 7.7 11.5#
68 4.2 3.4 5.2

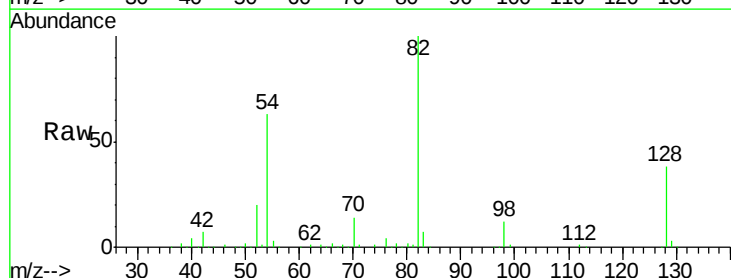


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

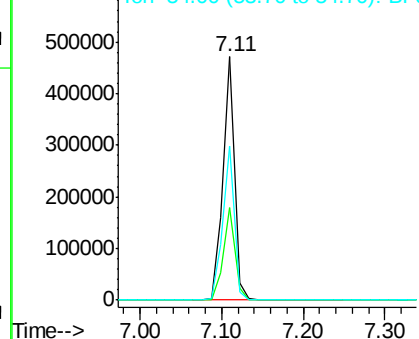
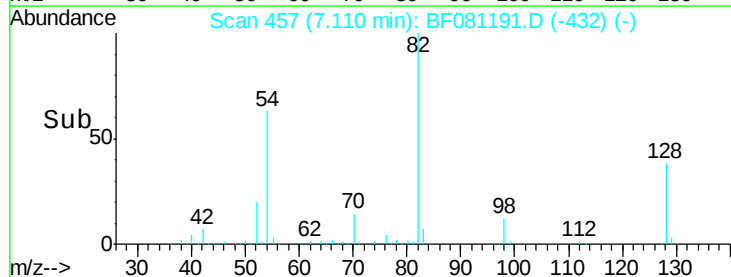


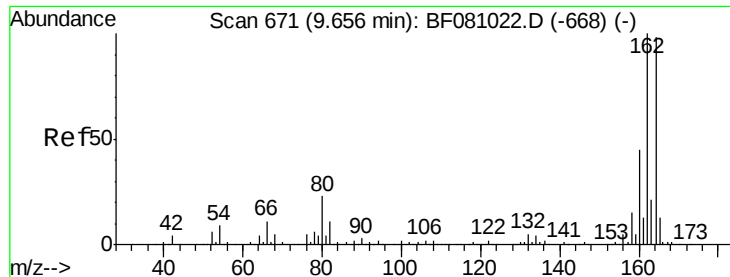
#23
Nitrobenzene-d5
Concen: 86.72 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Tgt Ion: 82 Resp: 464701
Ion Ratio Lower Upper
82 100
128 37.9 28.6 42.8
54 63.2 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

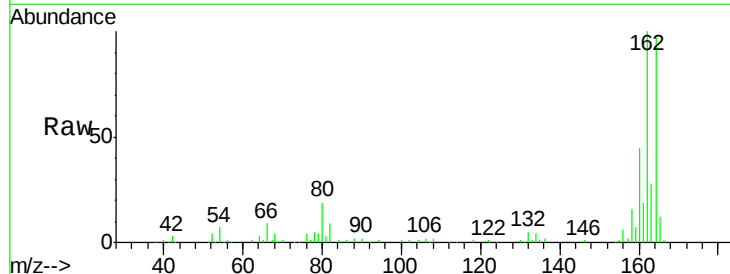




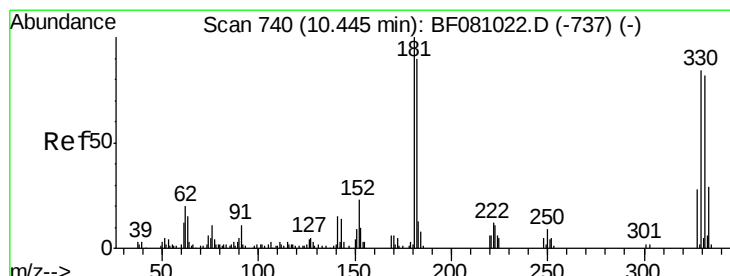
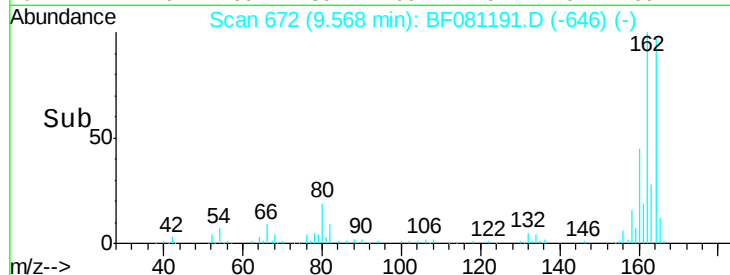
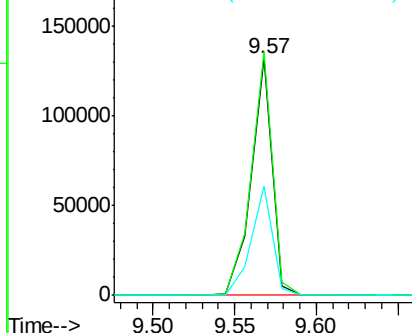
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :
SB-5(5.5-6)BGS

Tgt Ion:164 Resp: 117588
Ion Ratio Lower Upper
164 100
162 102.8 83.8 125.8
160 46.2 39.8 59.8

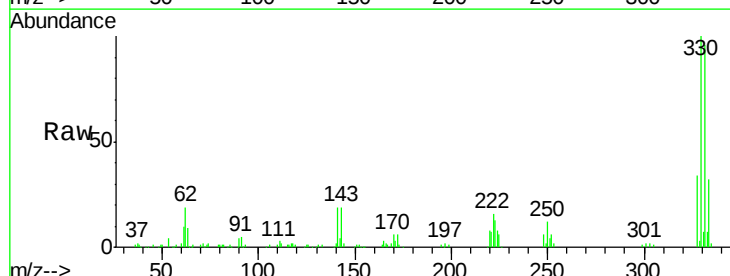


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

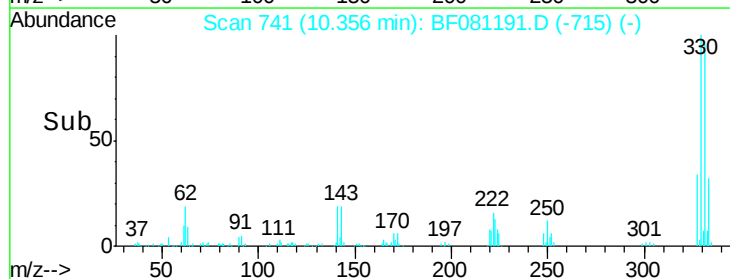
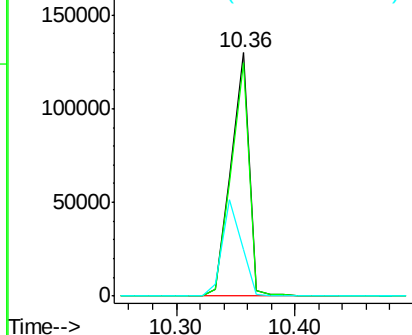


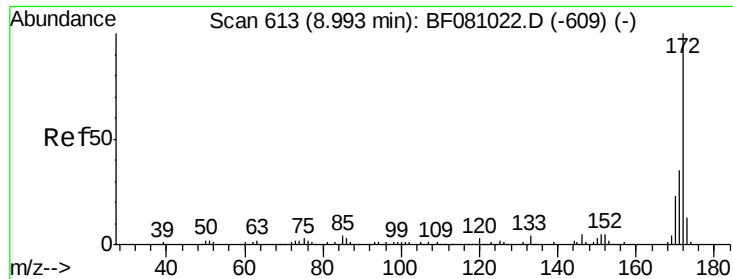
#41
2,4,6-Tribromophenol
Concen: 136.32 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Tgt Ion:330 Resp: 138954
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 41.7 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

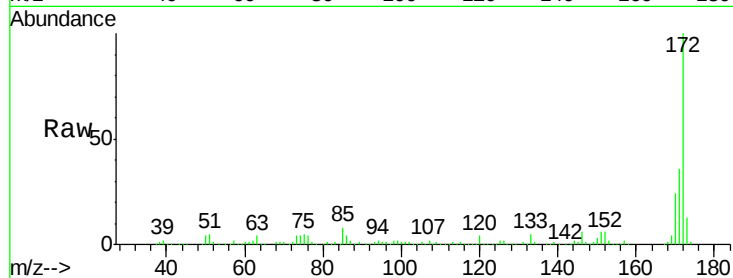




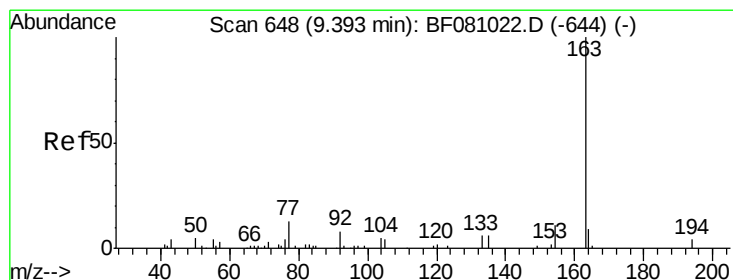
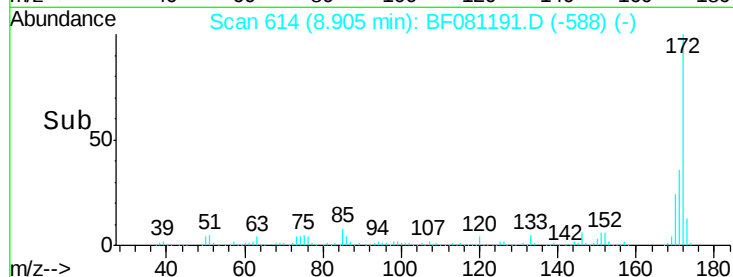
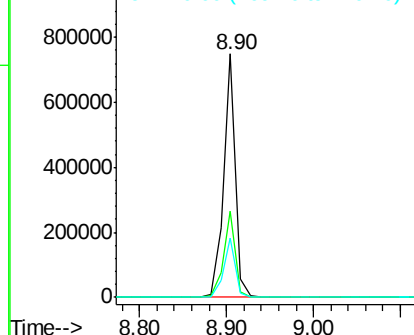
#44
2-Fluorobiphenyl
Concen: 79.17 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :
SB-5(5.5-6)BGS

Tgt Ion:172 Resp: 710472
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.3 19.4 29.2

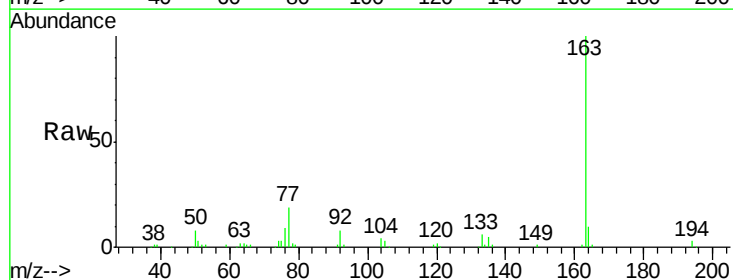


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

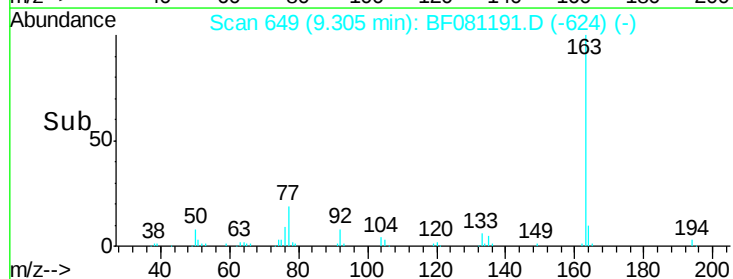
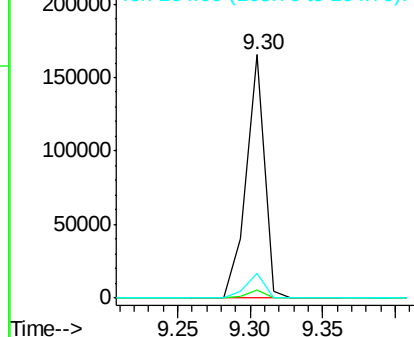


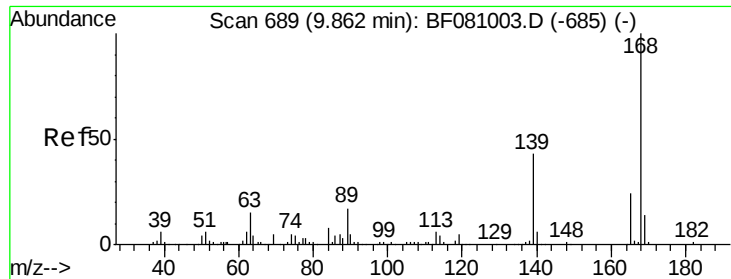
#49
Dimethylphthalate
Concen: 15.08 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Tgt Ion:163 Resp: 146036
Ion Ratio Lower Upper
163 100
194 3.3 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

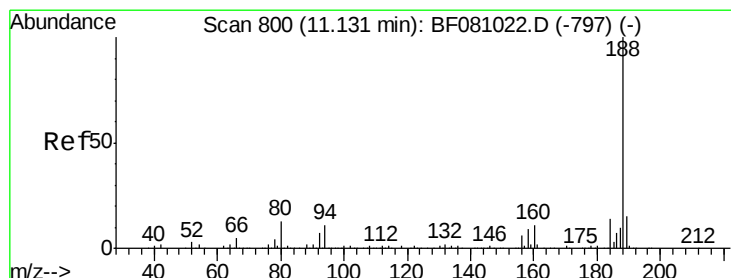
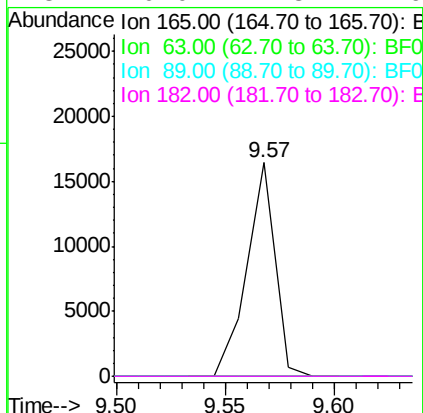
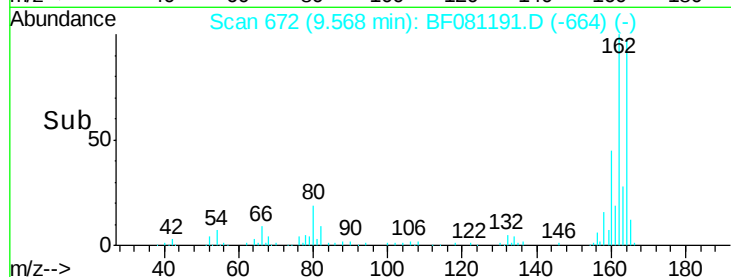
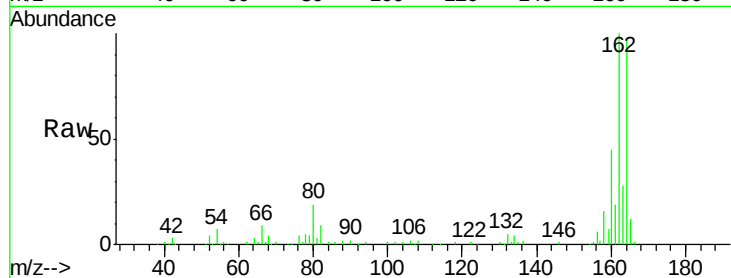




#56
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

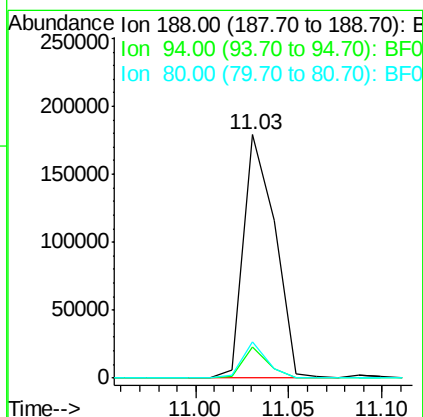
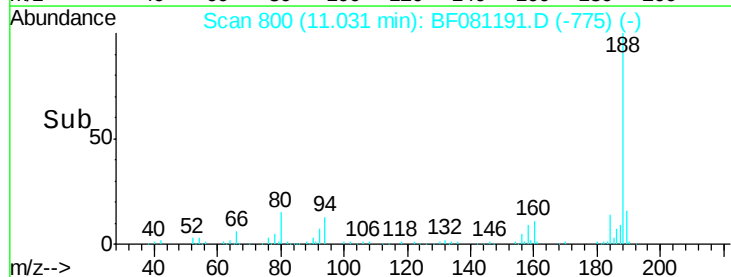
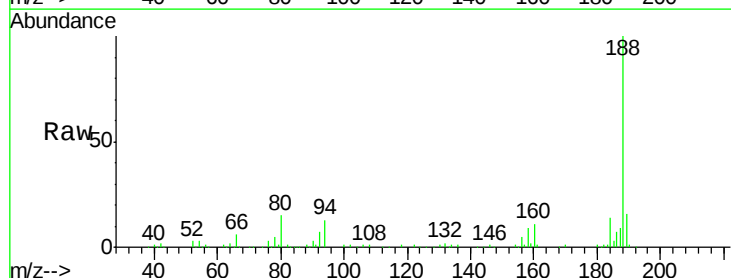
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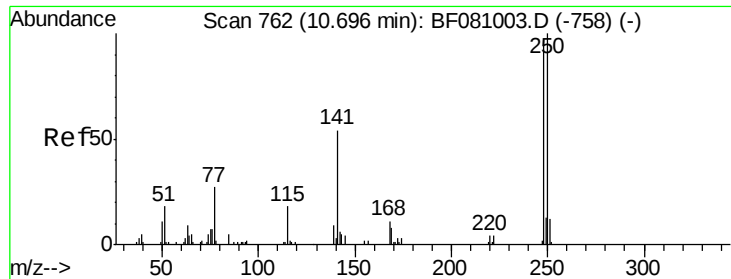
Tgt Ion:165 Resp: 14755
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081191.D
Acq: 25 Aug 2015 3:12

Tgt Ion:188 Resp: 209935
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 14.7 9.5 14.3#

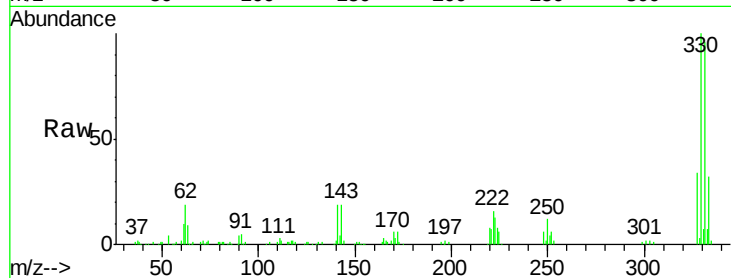




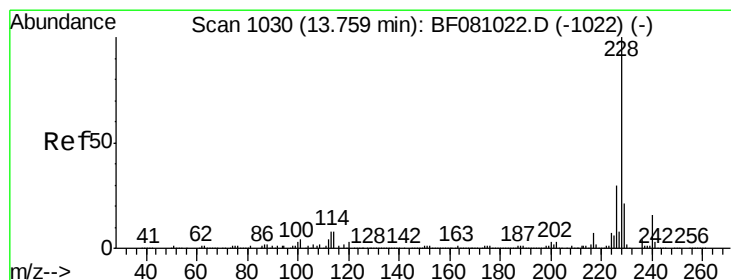
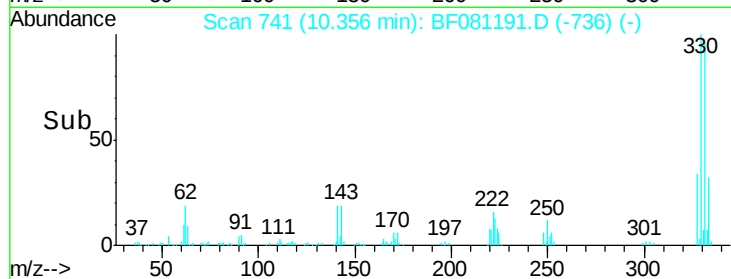
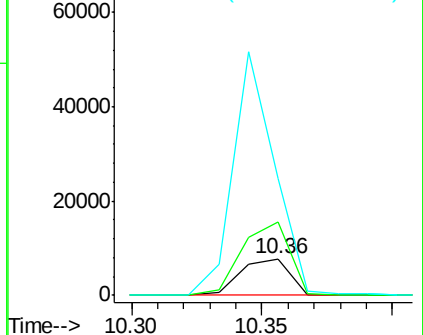
#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.24 min
 Lab File: BF081191.D
 Acq: 25 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(5.5-6)BGS

Tgt Ion:248 Resp: 10369
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.8 116.6#
 141 316.0 39.8 59.6#

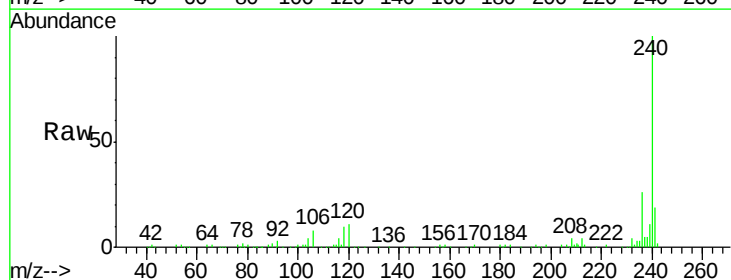


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

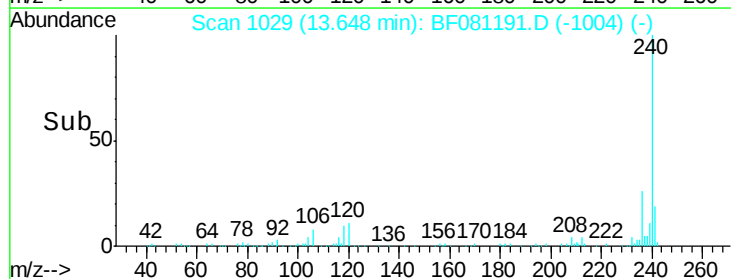
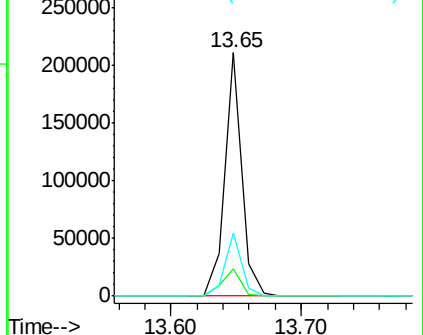


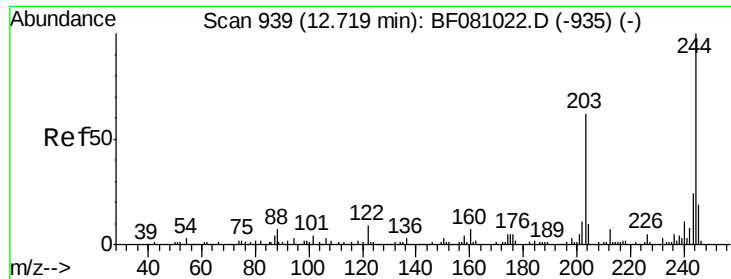
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF081191.D
 Acq: 25 Aug 2015 3:12

Tgt Ion:240 Resp: 191282
 Ion Ratio Lower Upper
 240 100
 120 11.3 5.6 8.4#
 236 25.8 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

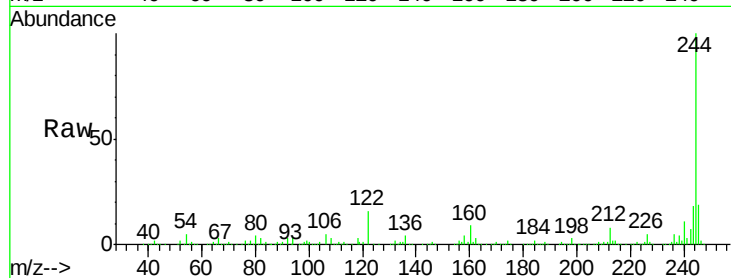




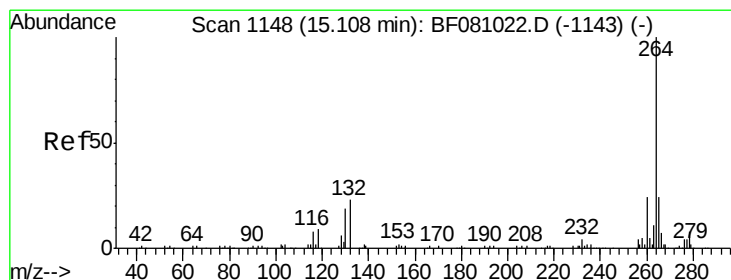
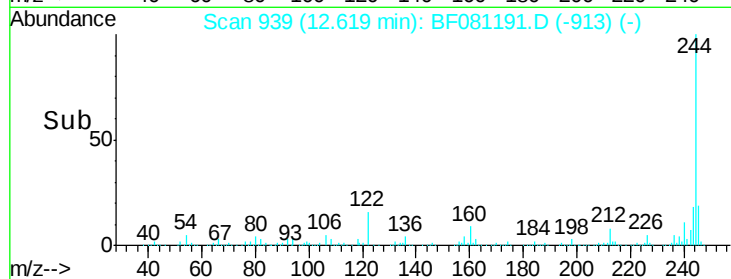
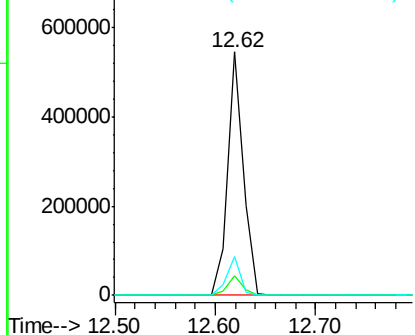
#78
 Terphenyl-d14
 Concen: 66.03 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF081191.D
 Acq: 25 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(5.5-6)BGS

Tgt Ion:244 Resp: 589141
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.7 8.2 12.4#

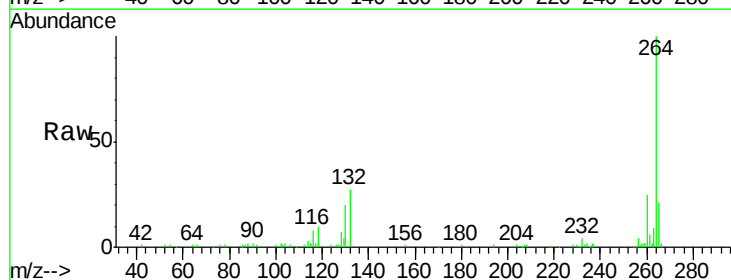


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081191.D
 Acq: 25 Aug 2015 3:12

Tgt Ion:264 Resp: 132738
 Ion Ratio Lower Upper
 264 100
 260 24.6 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

