

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036764.D
 Acq On : 17 Sep 2018 21:19
 Operator : JU/SJ
 Sample : PB112891BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:46:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

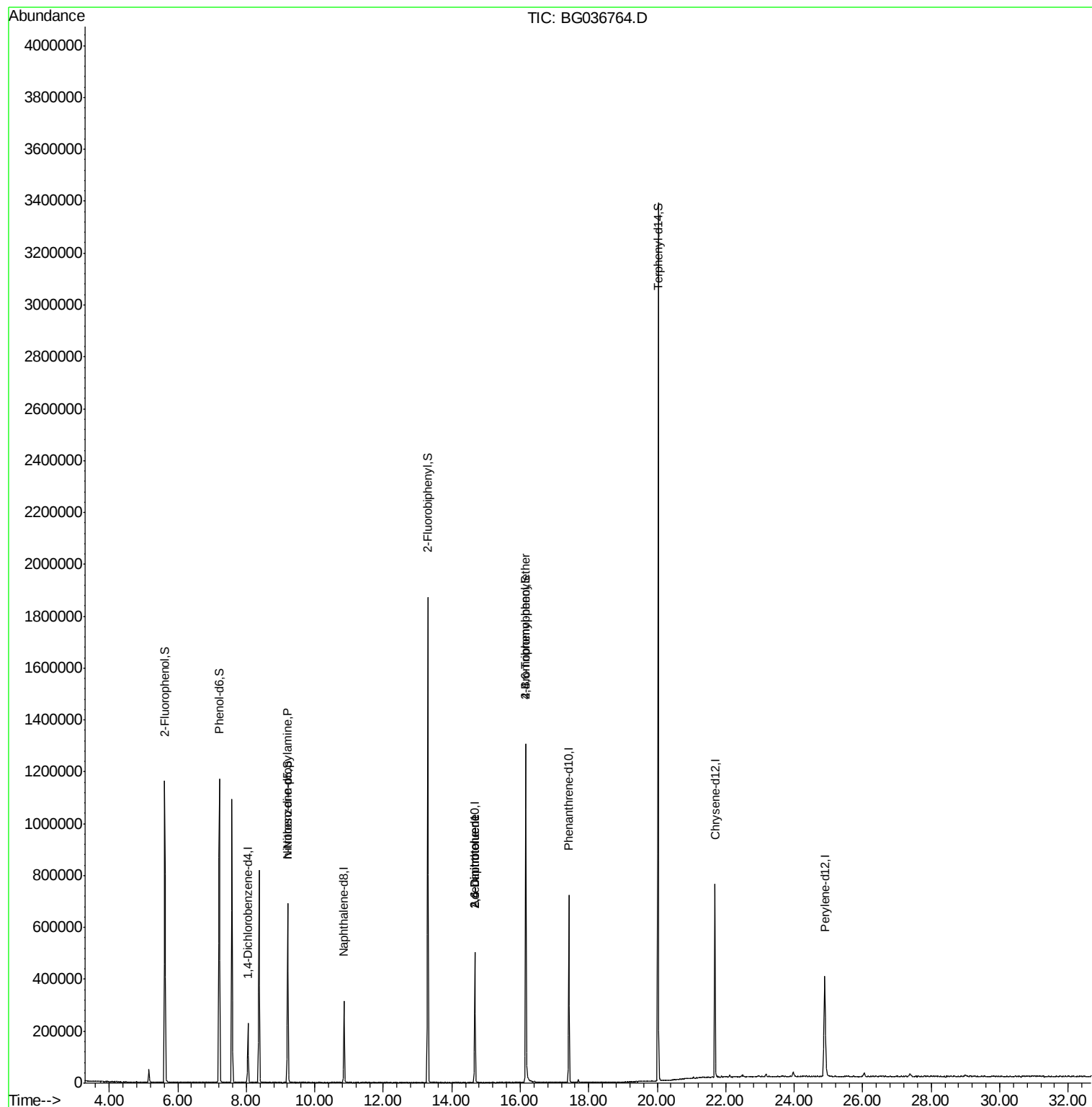
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64701	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	262152	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	173179	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	451138	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	462217	20.00	ng	-0.01
86) Perylene-d12	24.89	264	449603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	491907	120.60	ng	0.00
7) Phenol-d6	7.21	99	667412	114.29	ng	0.00
23) Nitrobenzene-d5	9.21	82	415516	86.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	264049	127.78	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	972977	80.22	ng	-0.01
78) Terphenyl-d14	20.03	244	1613176	81.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	55438	12.702	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	22028	7.570	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	22028	5.808	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	17662	3.344	ng	# 1

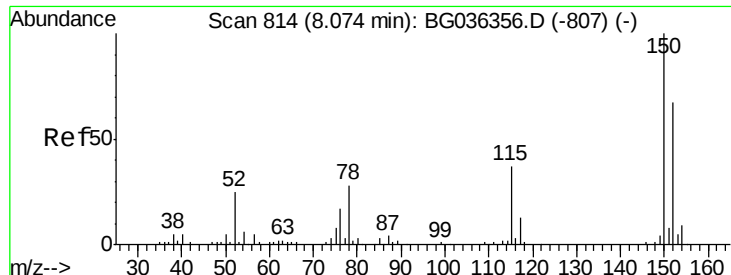
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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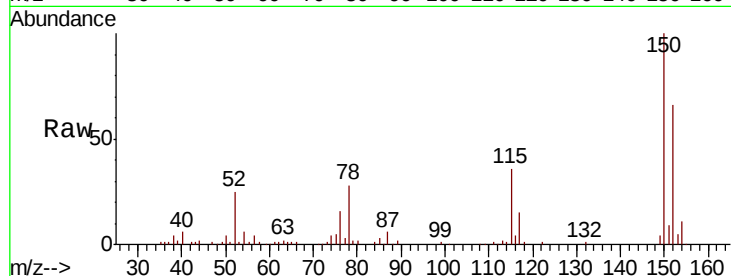




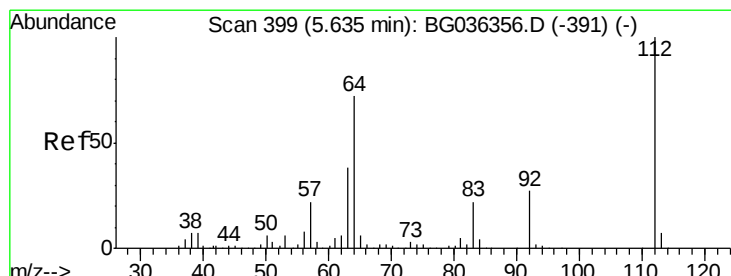
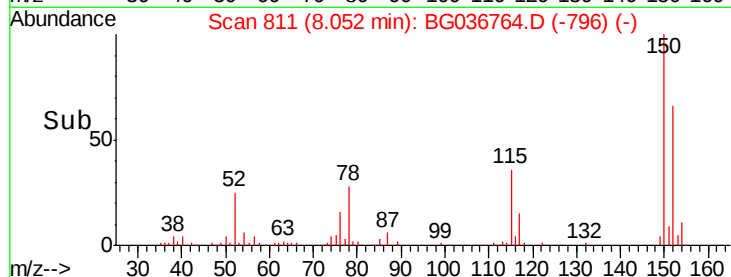
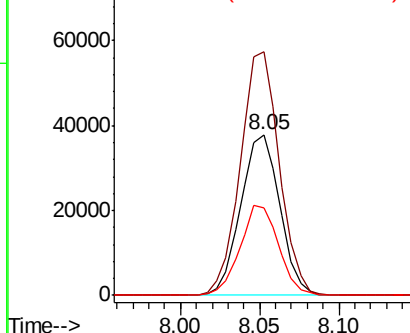
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 64701
 Ion Ratio Lower Upper
 152 100
 150 151.2 119.5 179.3
 115 54.5 44.5 66.7

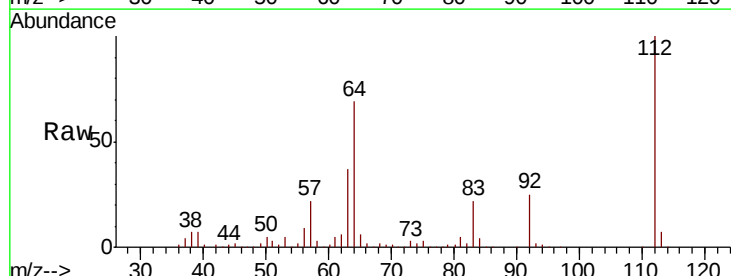


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

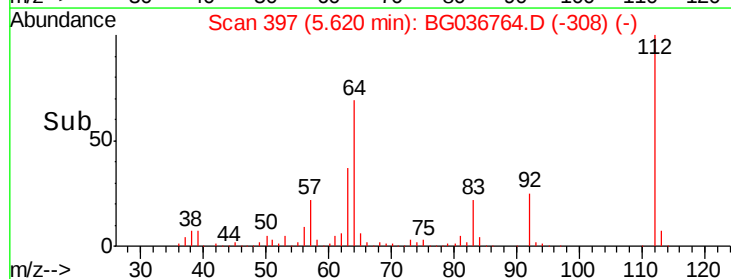
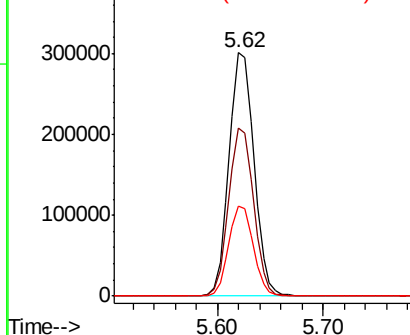


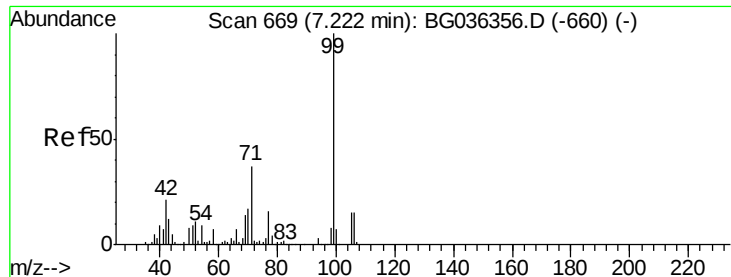
#5
 2-Fluorophenol
 Concen: 120.602 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Tgt Ion:112 Resp: 491907
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.2 85.8
 63 36.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.288 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036764.D

Acq: 17 Sep 2018 21:19

Instrument :

BNA_G

ClientSampled :

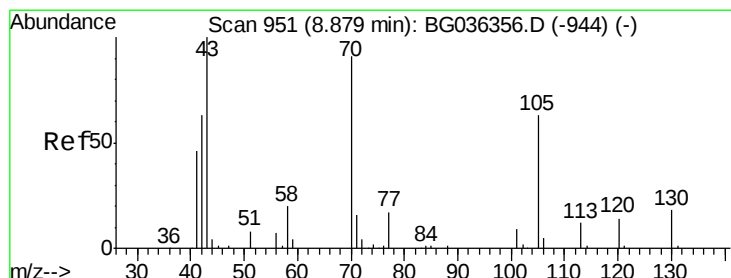
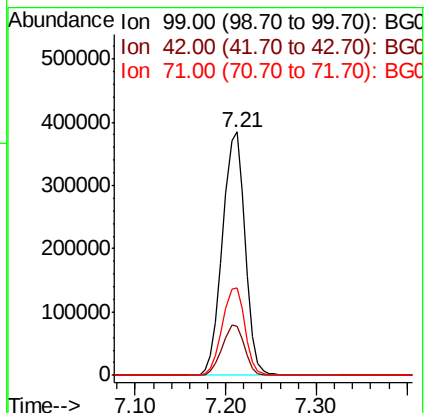
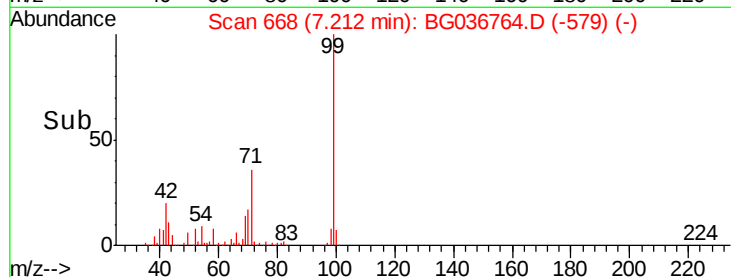
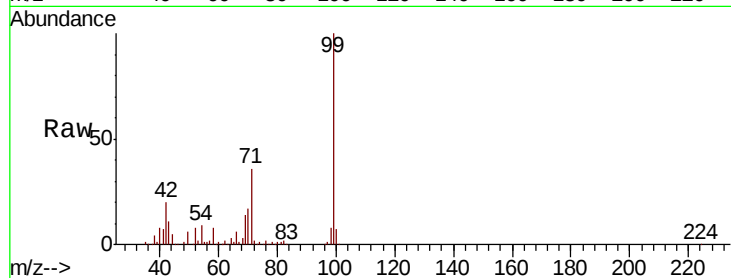
Tot Ion: 99 Resp: 667412

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 36.1 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.702 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036764.D

Acq: 17 Sep 2018 21:19

Tgt Ion: 70 Resp: 55438

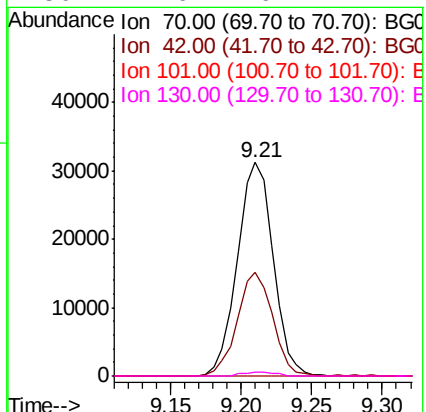
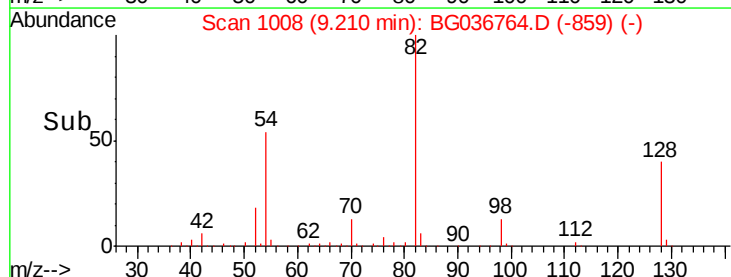
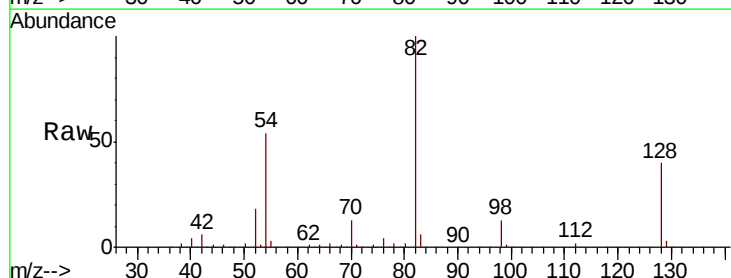
Ion Ratio Lower Upper

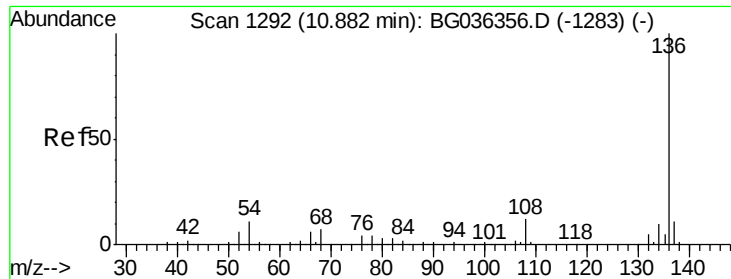
70 100

42 48.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#

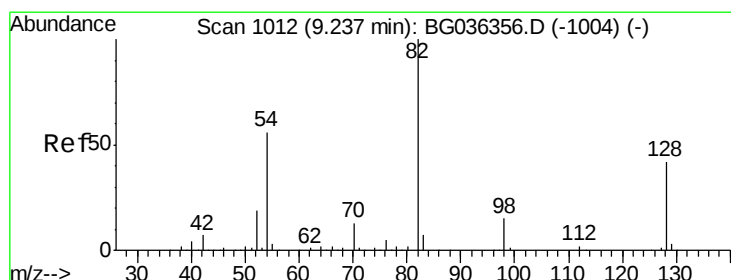
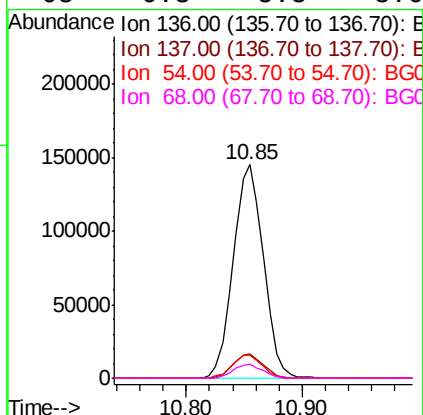
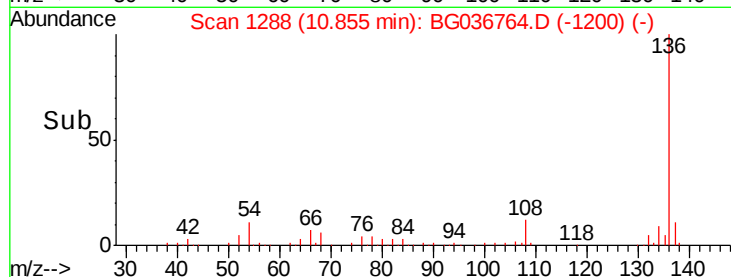
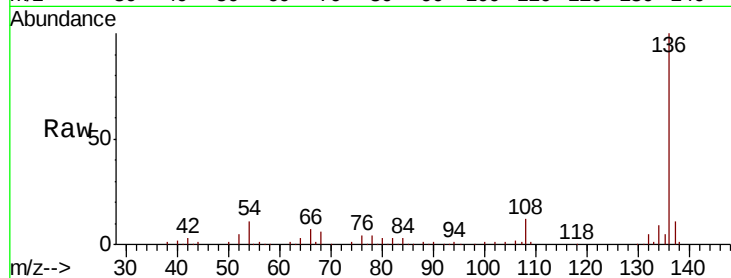




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036764.D
Acq: 17 Sep 2018 21:19

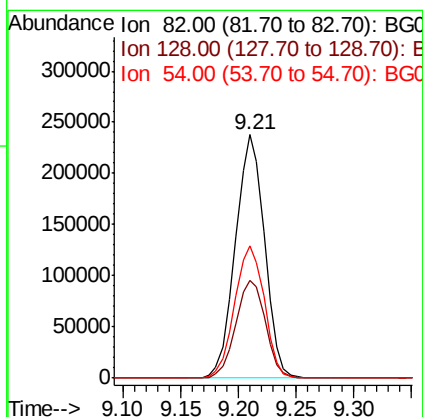
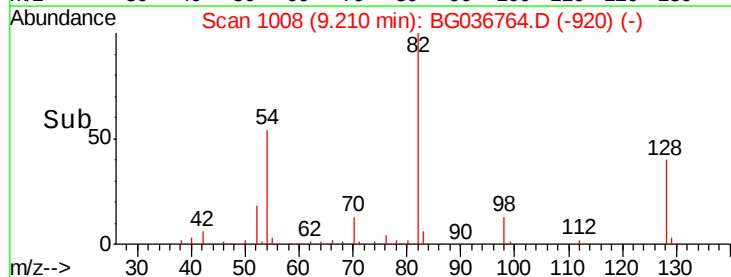
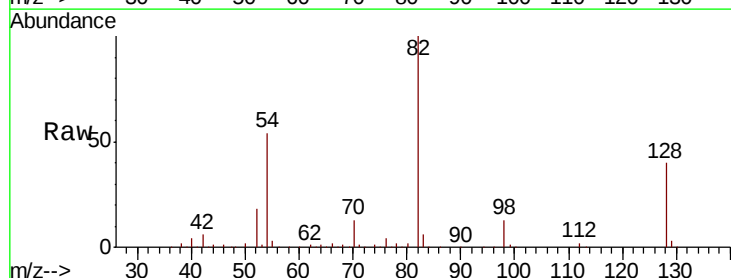
Instrument :
BNA_G
ClientSampleId :

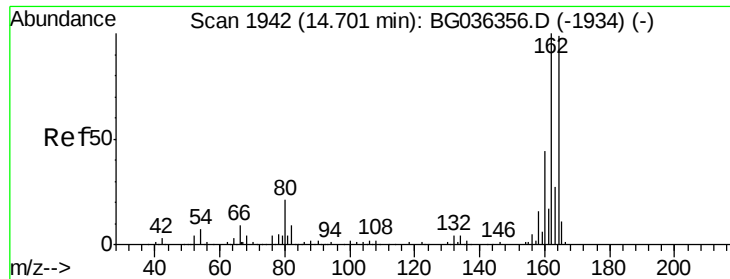
Tot Ion:	136	Resp:	262152
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.8	9.2	13.8
68	6.3	5.8	8.6



#23
Nitrobenzene-d5
Concen: 85.998 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036764.D
Acq: 17 Sep 2018 21:19

Tgt Ion:	82	Resp:	415516
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	54.1	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036764.D

Acq: 17 Sep 2018 21:19

Instrument :

BNA_G

ClientSampleId :

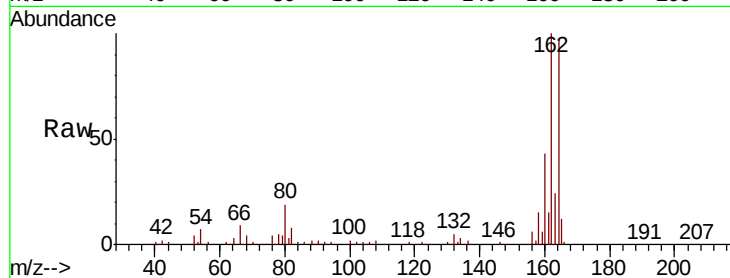
Tot Ion:164 Resp: 173179

Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

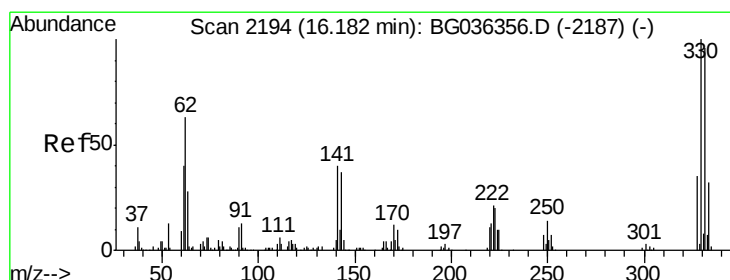
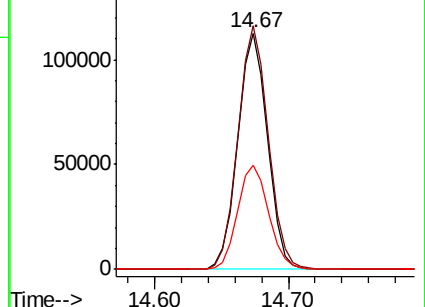
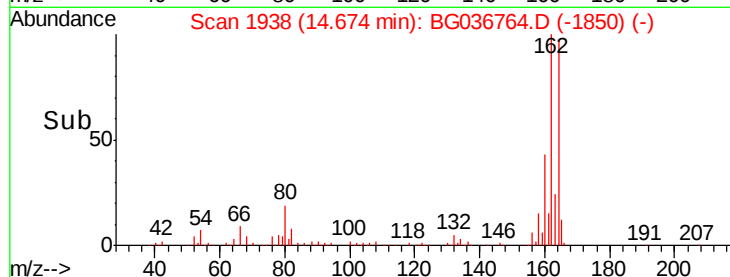
160 43.9 35.3 52.9



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: 127.781 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036764.D

Acq: 17 Sep 2018 21:19

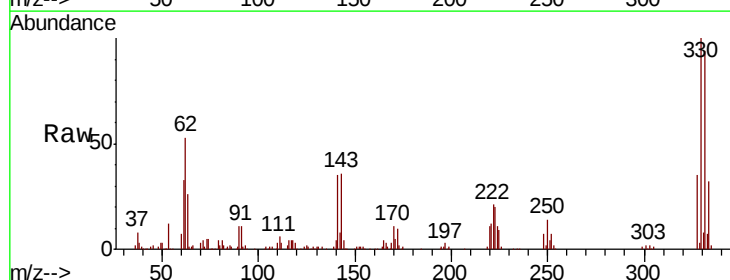
Tgt Ion:330 Resp: 264049

Ion Ratio Lower Upper

330 100

332 93.3 75.4 113.2

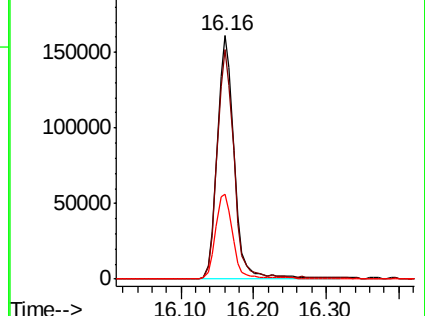
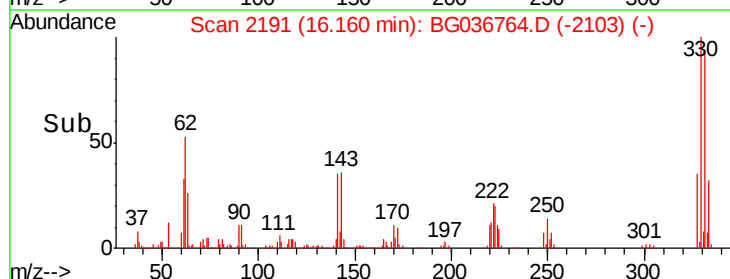
141 35.1 30.7 46.1

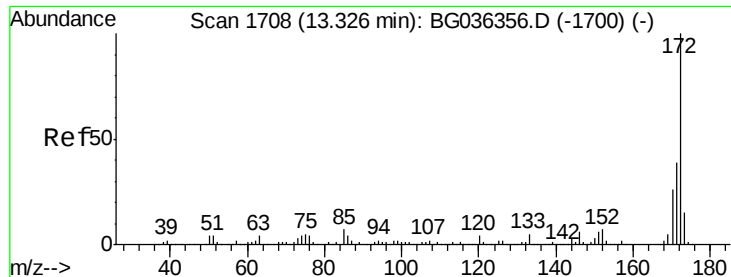


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

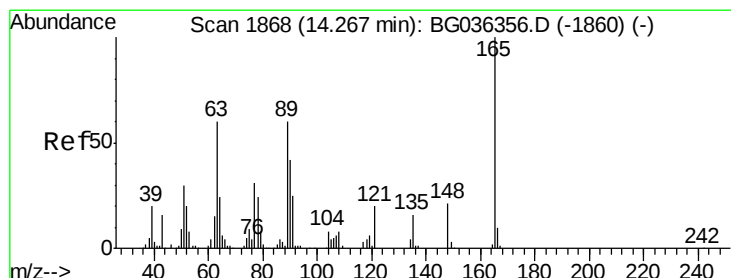
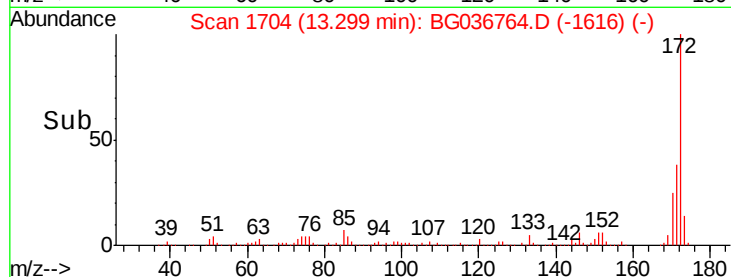
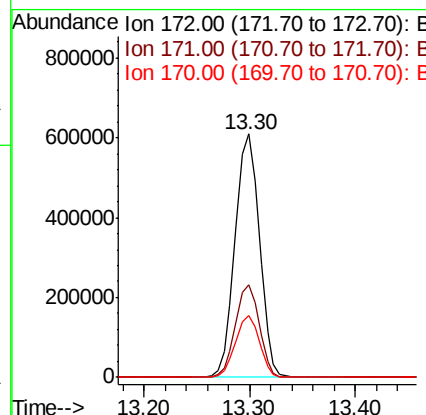
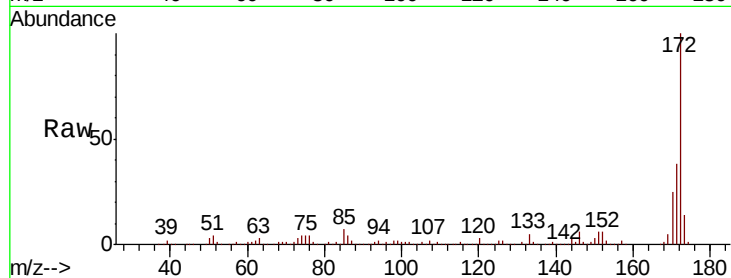




#44
 2-Fluorobiphenyl
 Concen: 80.220 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

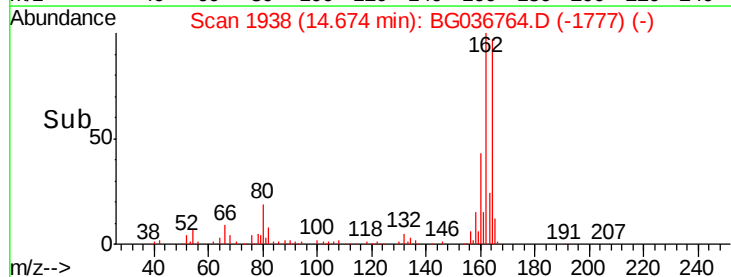
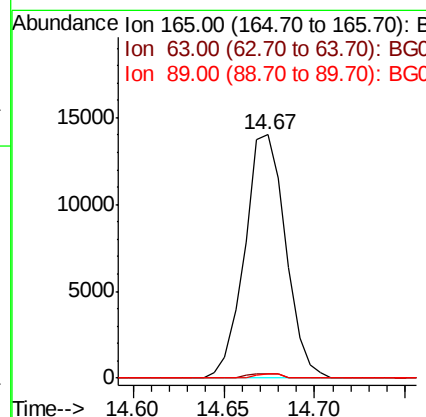
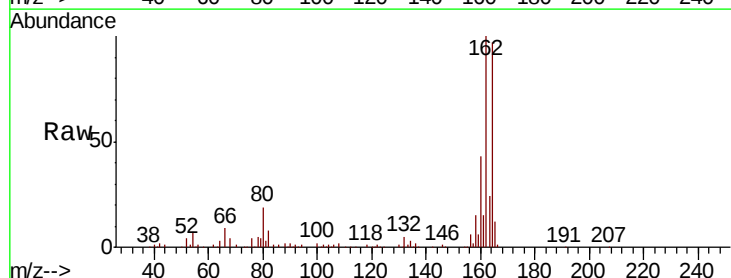
Instrument :
 BNA_G
 ClientSampleId :

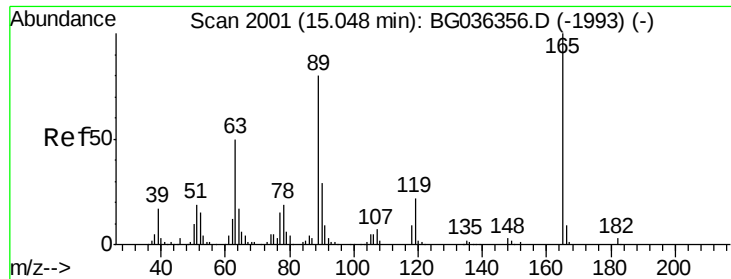
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.4	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.570 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	1.8	47.8	71.6#

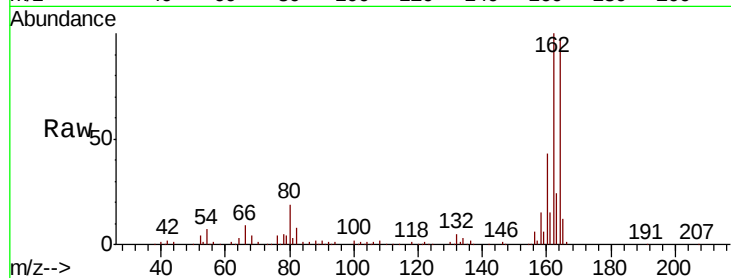




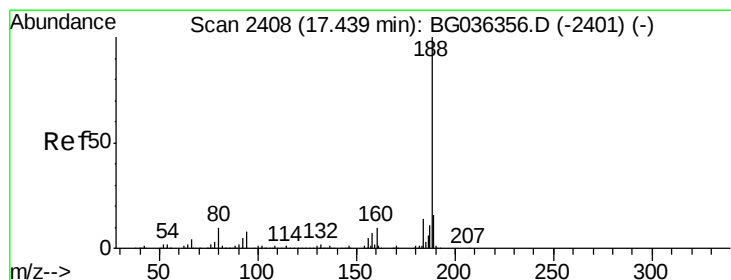
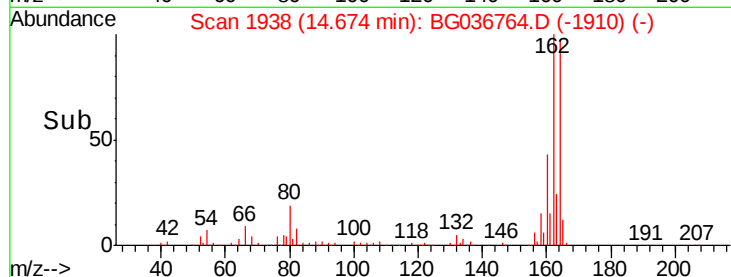
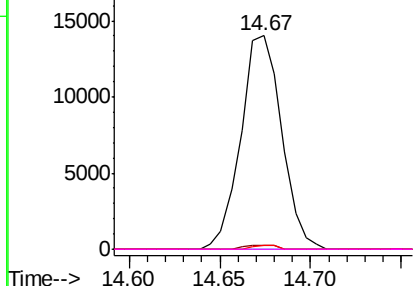
#56
 2,4-Dinitrotoluene
 Concen: 5.808 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 22028
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.1 60.1#
 89 1.8 63.7 95.5#
 182 0.0 2.5 3.7#

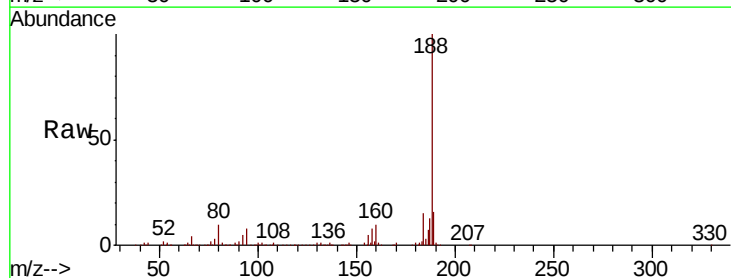


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

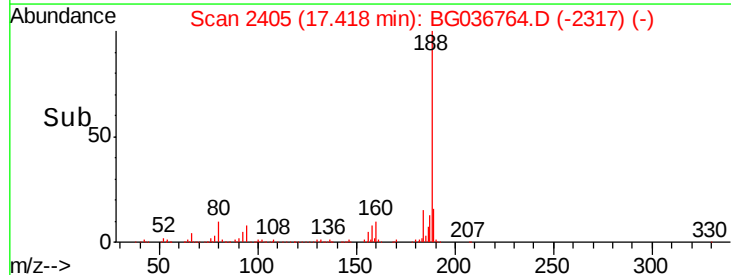
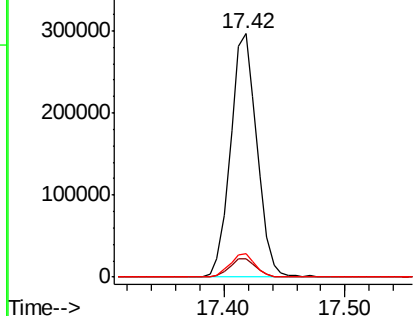


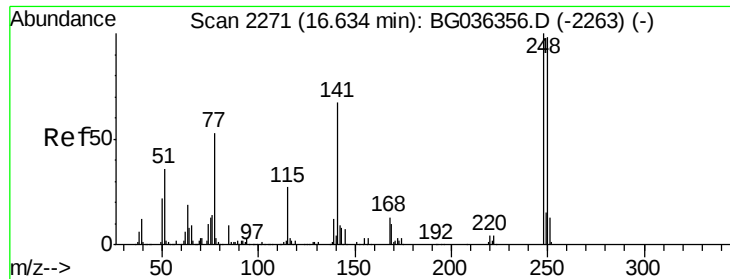
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Tgt Ion:188 Resp: 451138
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 9.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

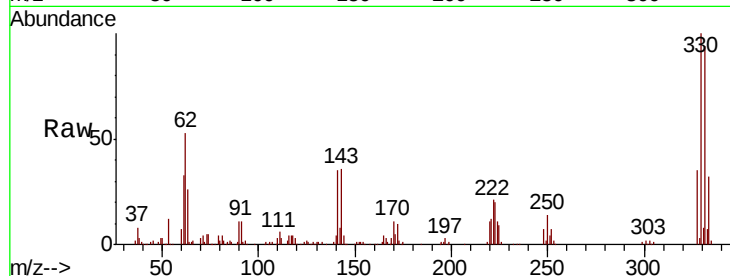




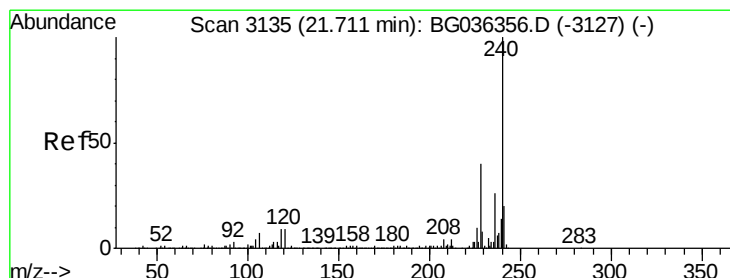
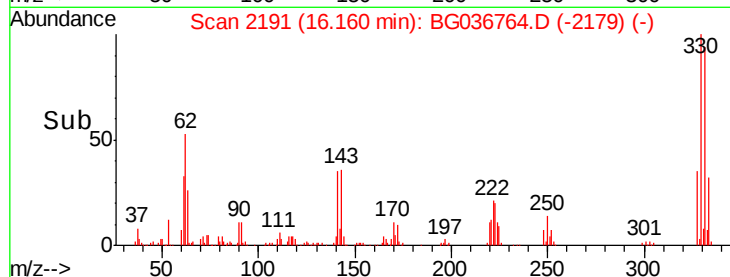
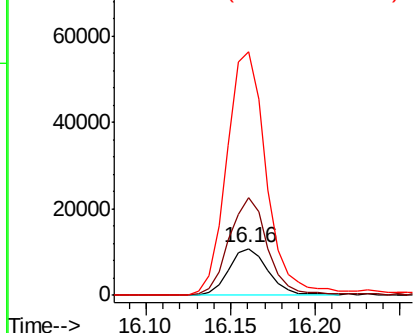
#66
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036764.D
Acq: 17 Sep 2018 21:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17662
Ion Ratio Lower Upper
248 100
250 208.4 78.1 117.1#
141 520.6 53.7 80.5#

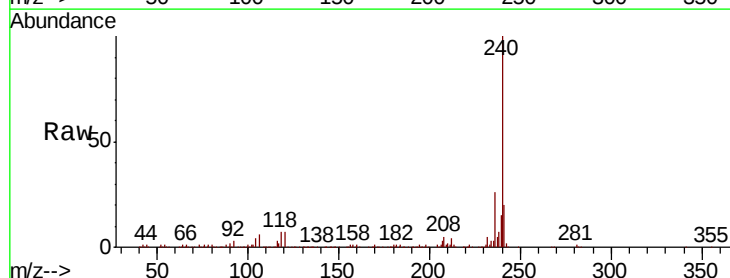


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

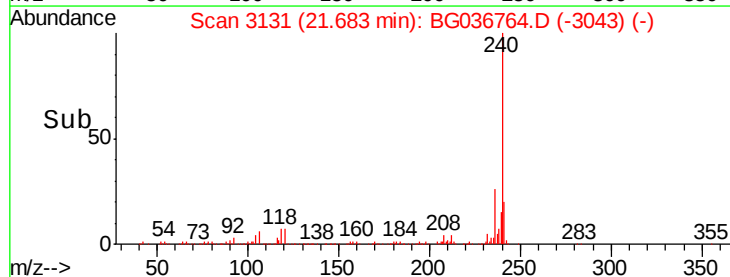
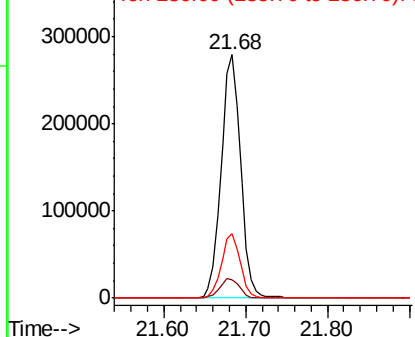


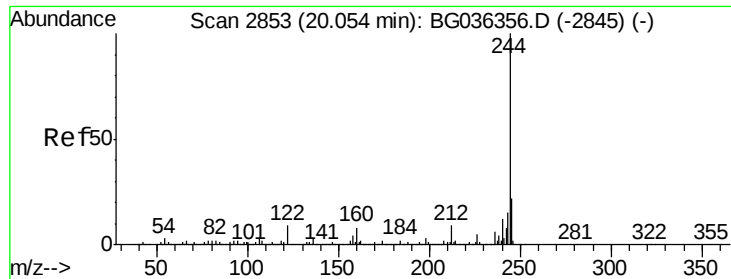
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036764.D
Acq: 17 Sep 2018 21:19

Tgt Ion:240 Resp: 462217
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 26.3 21.2 31.8



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

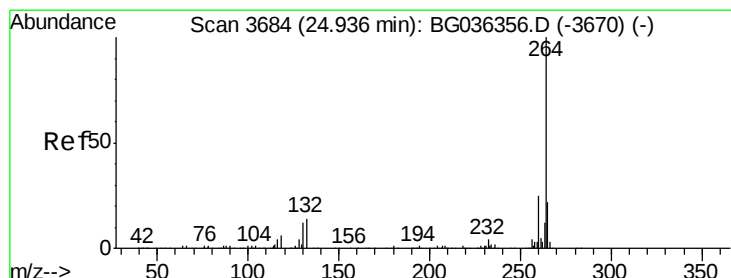
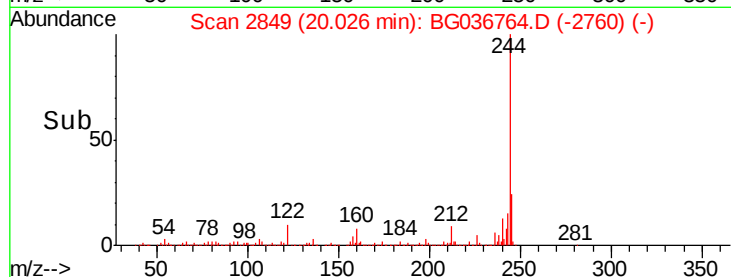
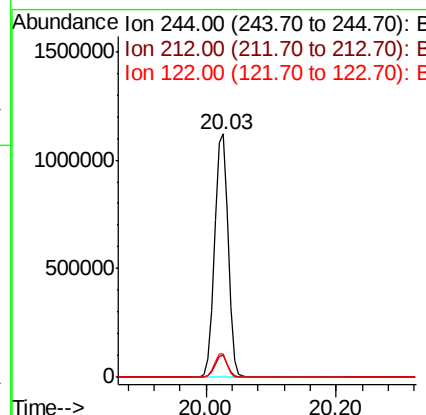
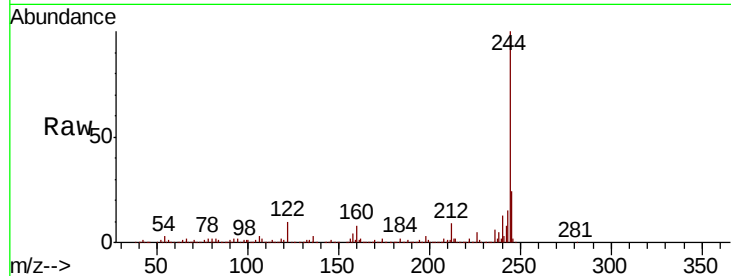




#78
 Terphenyl-d14
 Concen: 81.575 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:244 Resp: 1613176
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.0 10.6
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036764.D
 Acq: 17 Sep 2018 21:19

Tgt Ion:264 Resp: 449603
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.8 17.4 26.0

