

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036272.D
 Acq On : 10 Aug 2018 18:04
 Operator : JU/SJ
 Sample : PB111936BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

Quant Time: Aug 10 23:06:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

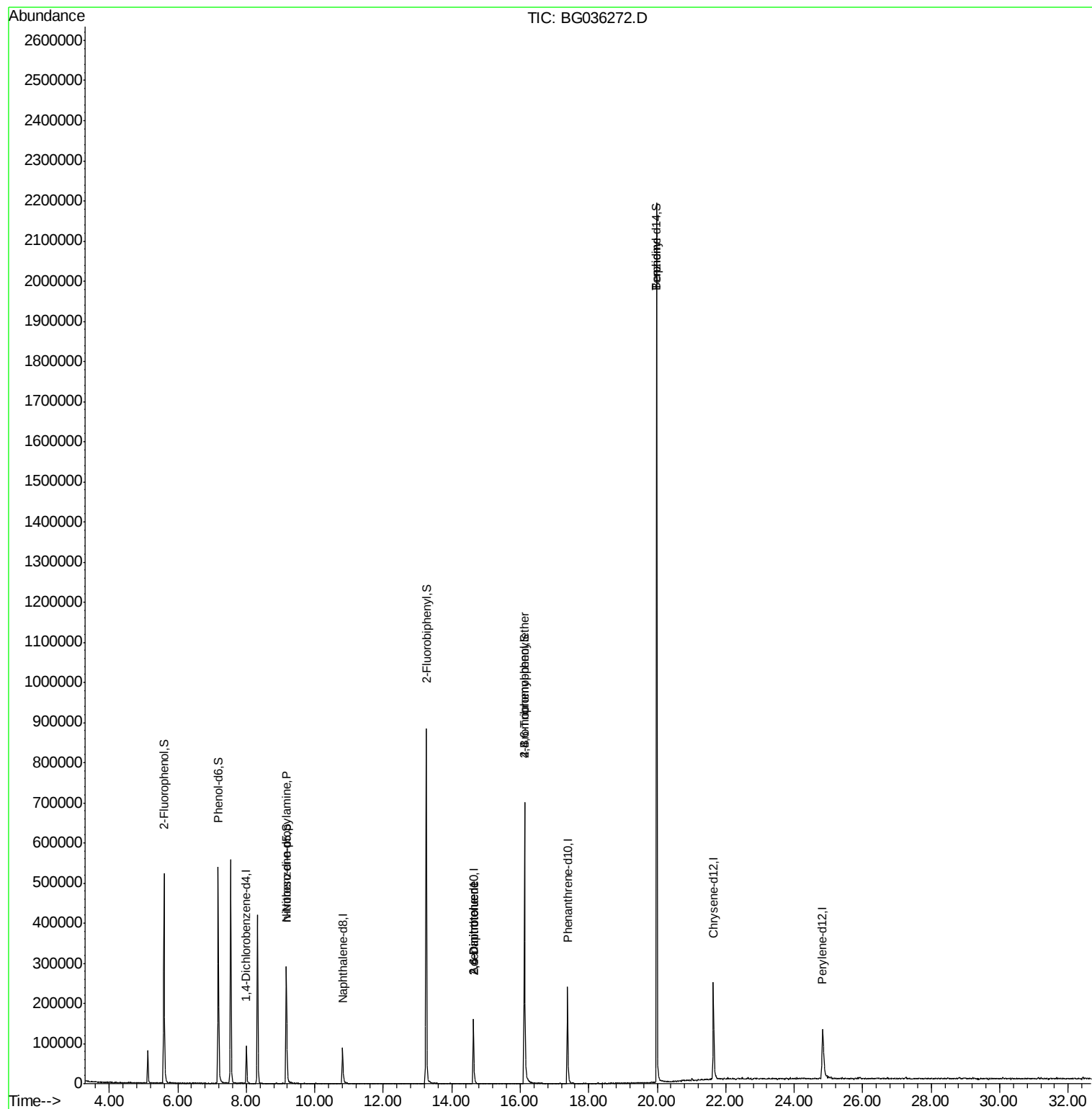
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26734	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	93585	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	69071	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	186621	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	204750	20.00	ng	-0.02
86) Perylene-d12	24.83	264	185336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	237788	147.67	ng	0.00
7) Phenol-d6	7.18	99	332324	138.33	ng	-0.01
23) Nitrobenzene-d5	9.17	82	224319	100.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	158708	174.33	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	525931	102.01	ng	-0.02
78) Terphenyl-d14	19.98	244	1068002	114.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	31774	15.706	ng	# 60
50) 2,6-Dinitrotoluene	14.63	165	9346	7.584	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	9346	5.286	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	12763	5.895	ng	# 1
76) Benzidine	19.98	184	18630	3.461	ng	# 95

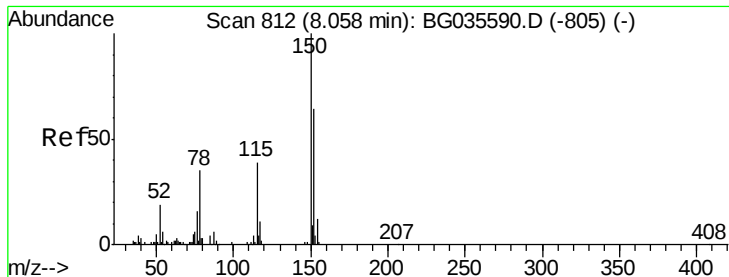
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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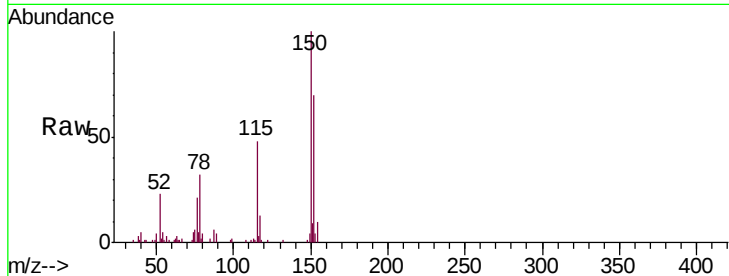


#1

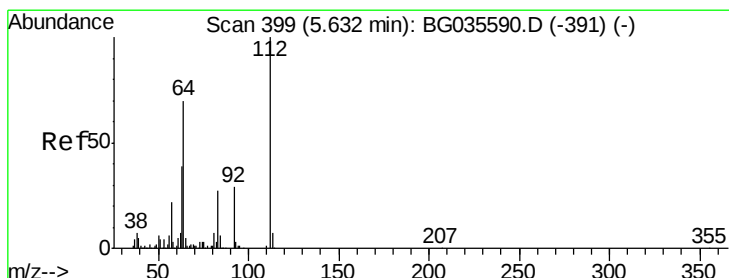
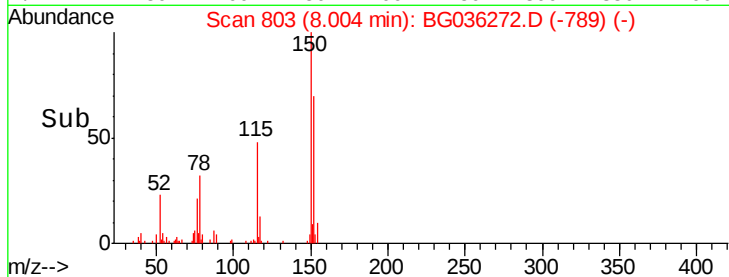
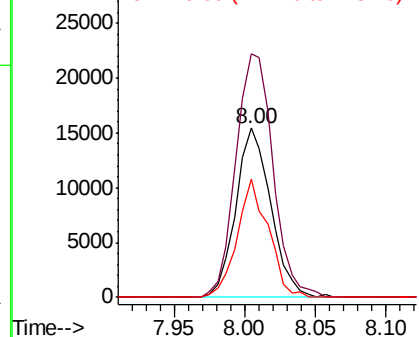
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Instrument :
BNA_G
ClientSampleId :
PB111936BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.9	126.6	189.8
115	69.7	53.0	79.4



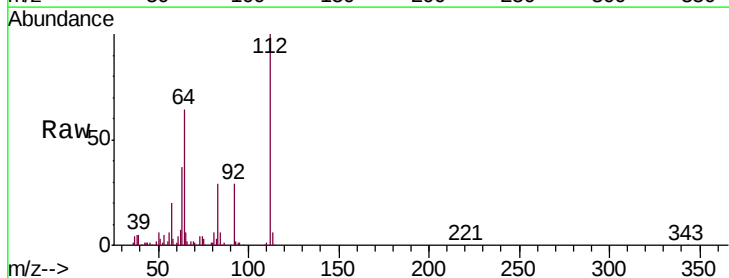
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



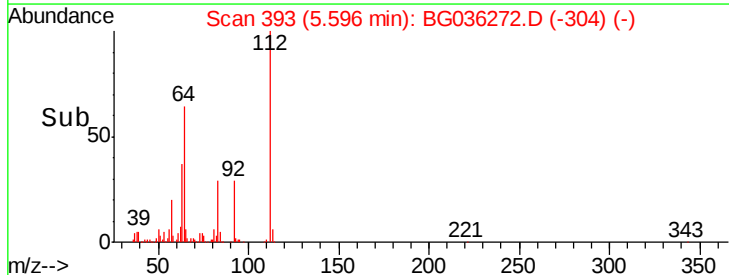
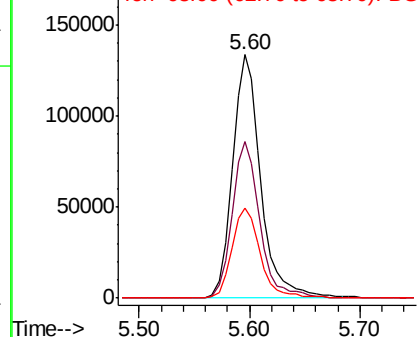
#5

2-Fluorophenol
Concen: 147.671 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	37.1	30.1	45.1



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: 138.325 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

Instrument :

BNA_G

ClientSampleId :

PB111936BL

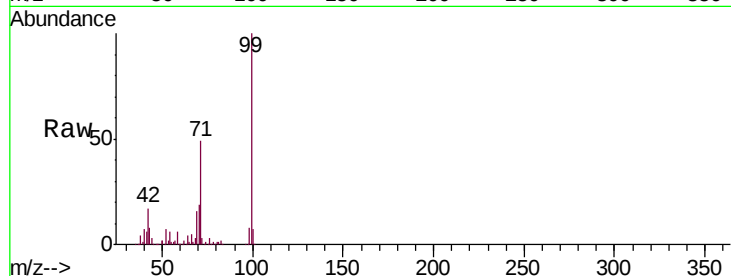
Tgt Ion: 99 Resp: 332324

Ion Ratio Lower Upper

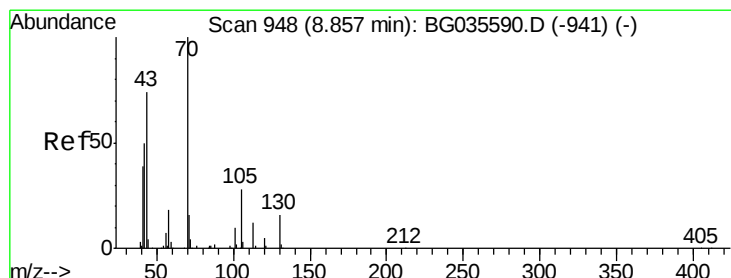
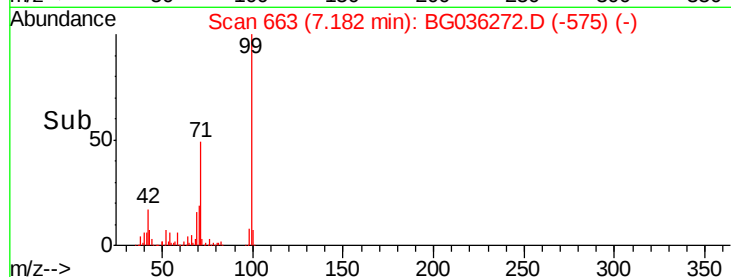
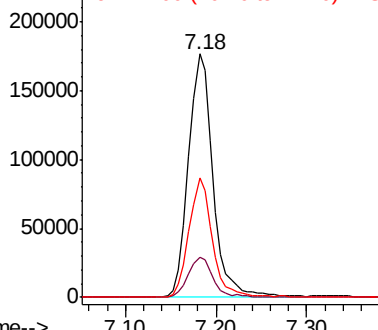
99 100

42 16.6 14.1 21.1

71 49.2 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.706 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

Tgt Ion: 70 Resp: 31774

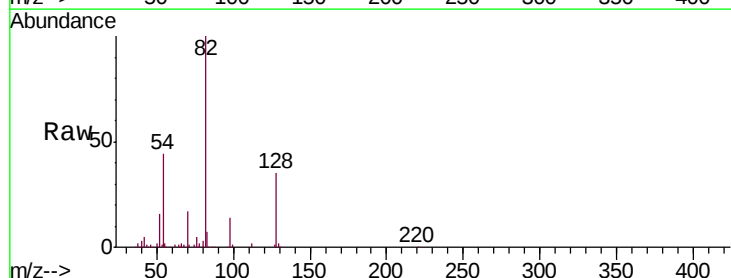
Ion Ratio Lower Upper

70 100

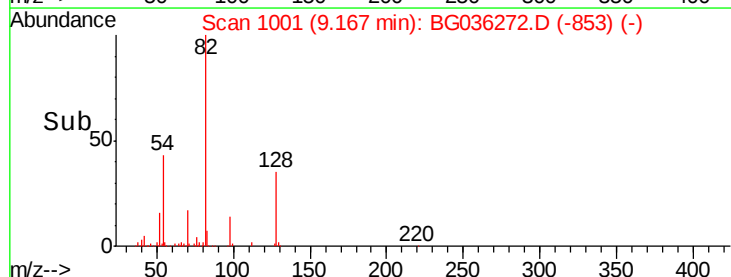
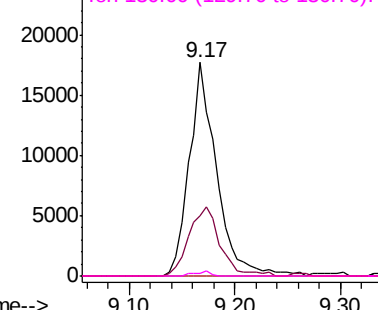
42 27.9 49.1 73.7#

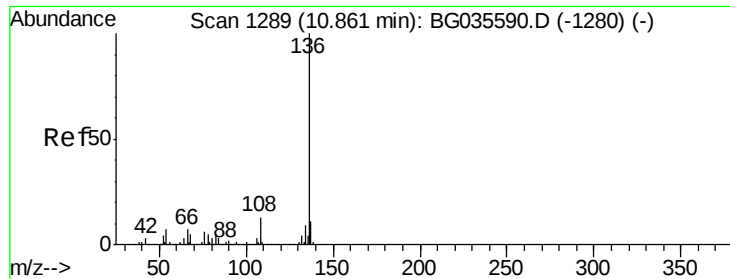
101 0.0 8.5 12.7#

130 1.1 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

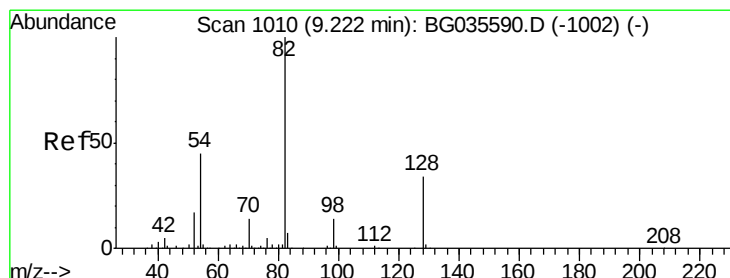
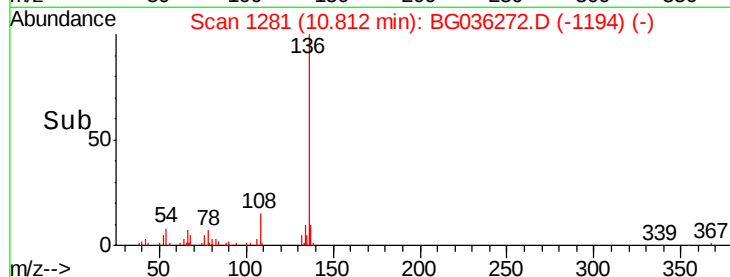
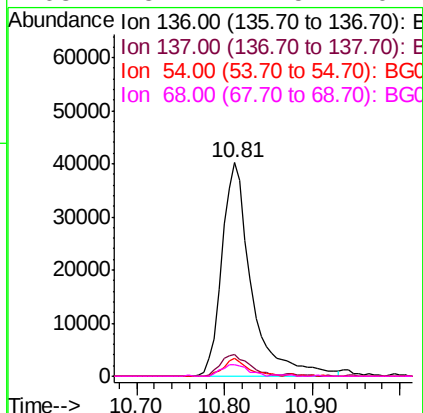
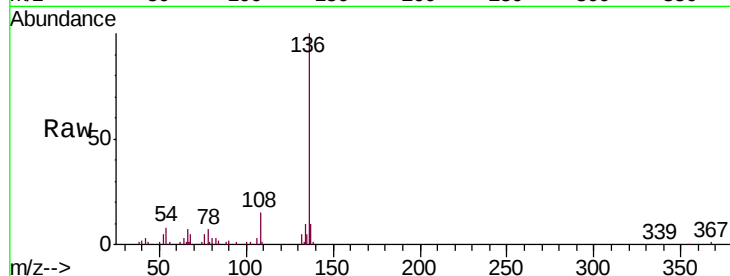




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

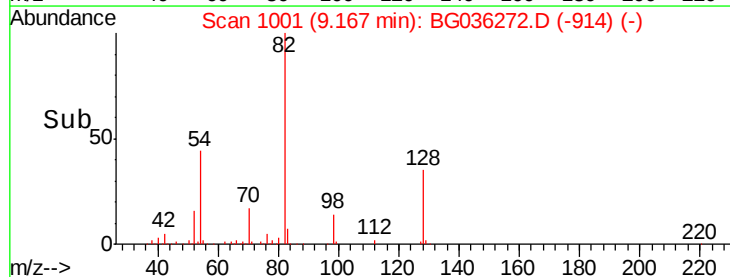
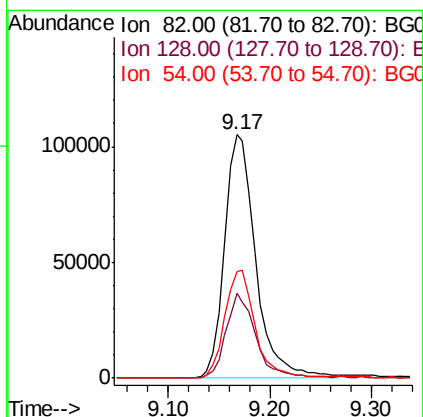
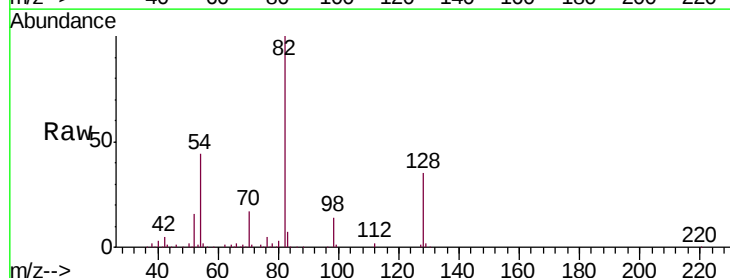
Instrument :
BNA_G
ClientSampleId :
PB111936BL

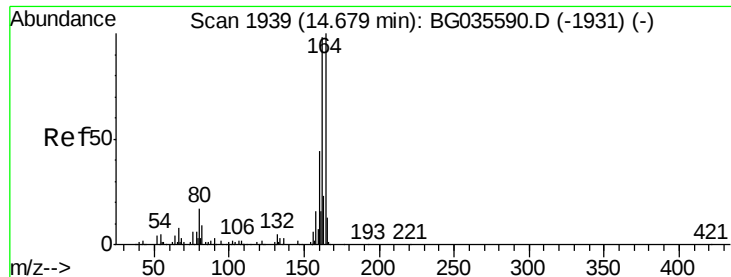
Tgt Ion:	136	Resp:	93585
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	8.4	10.3	15.5#
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 100.132 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Tgt Ion:	82	Resp:	224319
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.7	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

Instrument :

BNA_G

ClientSampleId :

PB111936BL

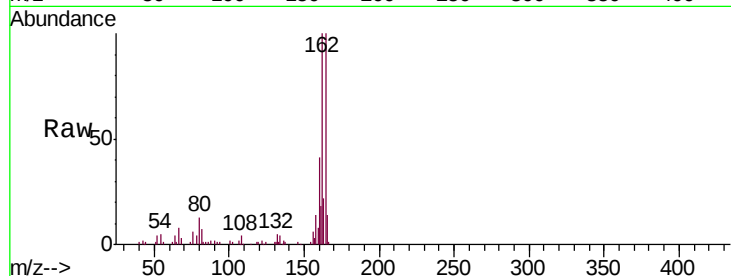
Tgt Ion:164 Resp: 69071

Ion Ratio Lower Upper

164 100

162 99.6 78.8 118.2

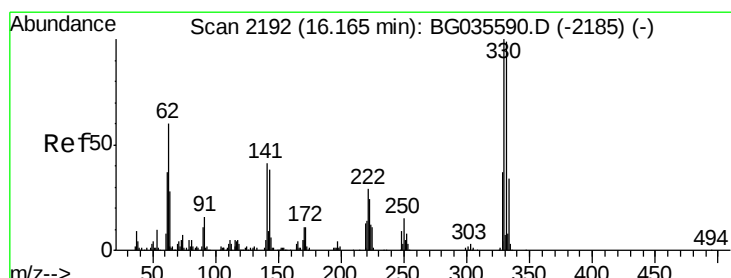
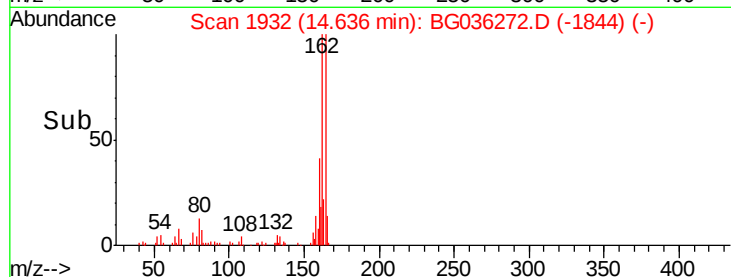
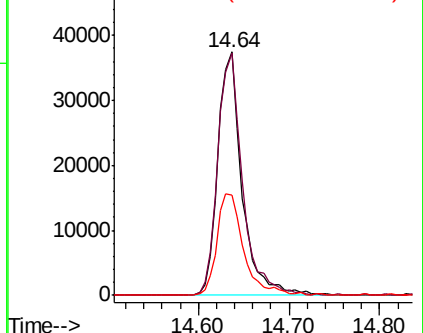
160 41.0 35.4 53.0



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: 174.328 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

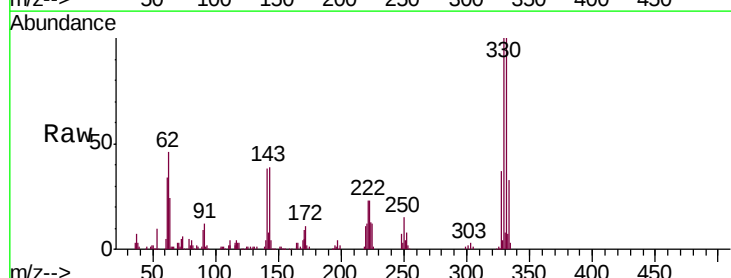
Tgt Ion:330 Resp: 158708

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

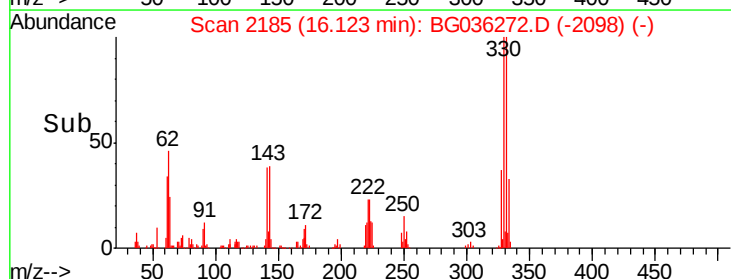
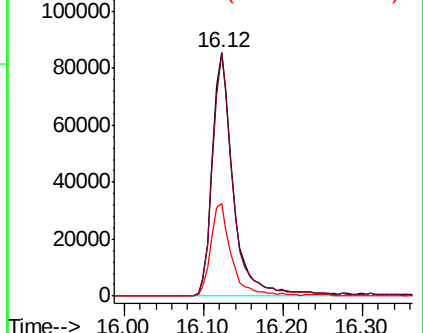
141 37.0 25.2 37.8

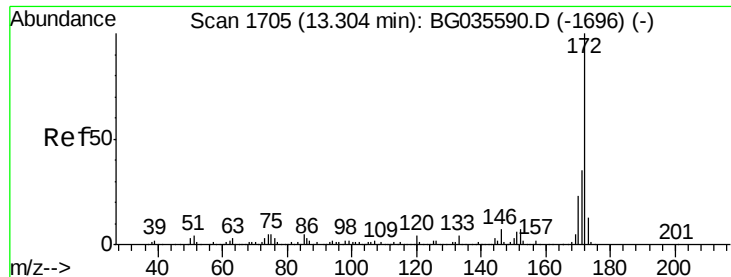


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

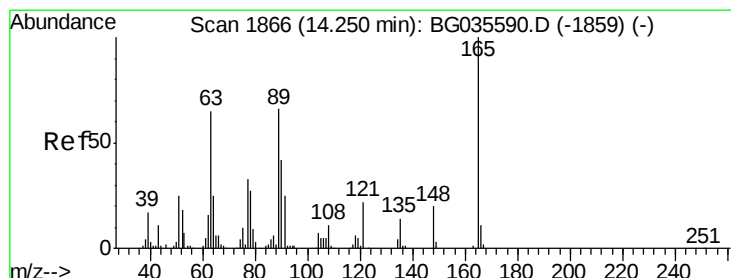
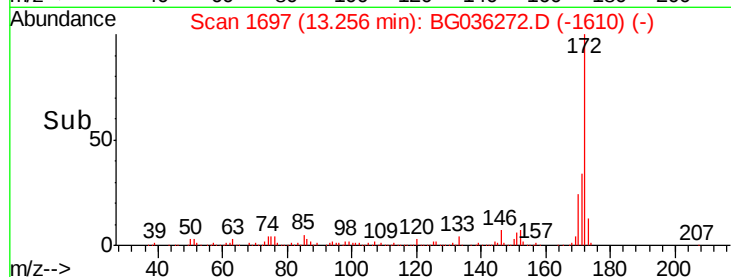
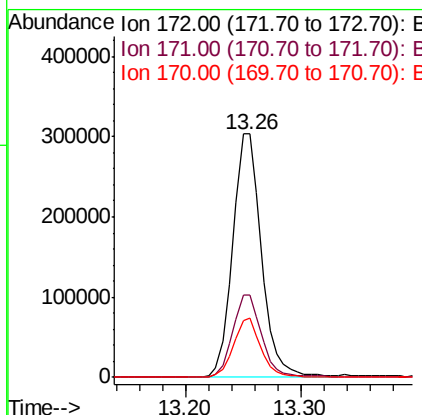
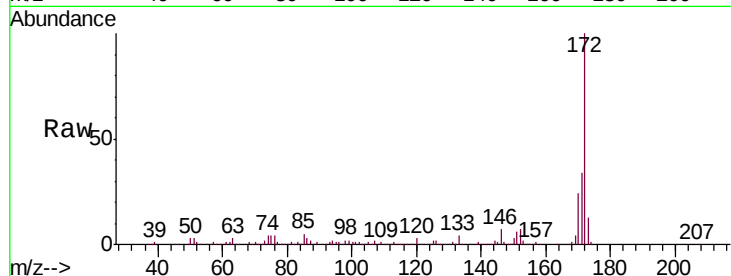




#44
2-Fluorobiphenyl
Concen: 102.013 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

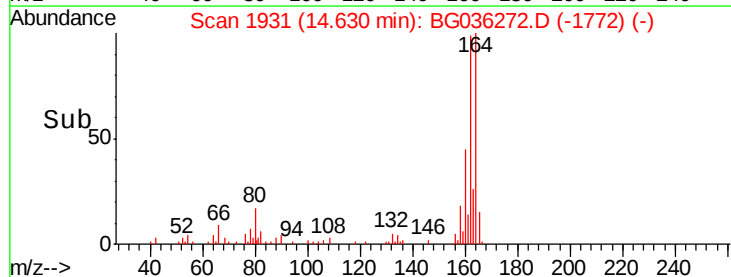
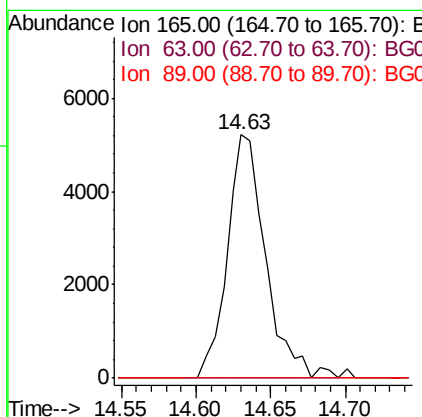
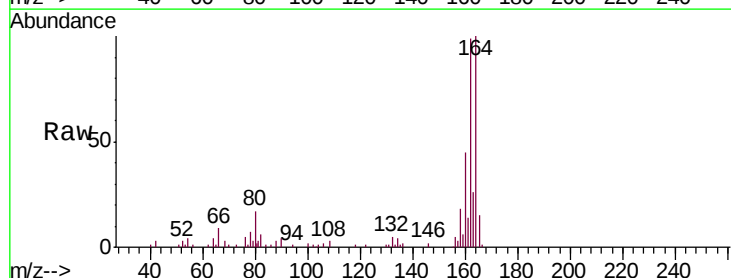
Instrument :
BNA_G
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Tgt Ion:172 Resp: 525931
Ion Ratio Lower Upper
172 100
171 33.6 30.0 45.0
170 24.4 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.584 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.40 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Tgt Ion:165 Resp: 9346
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

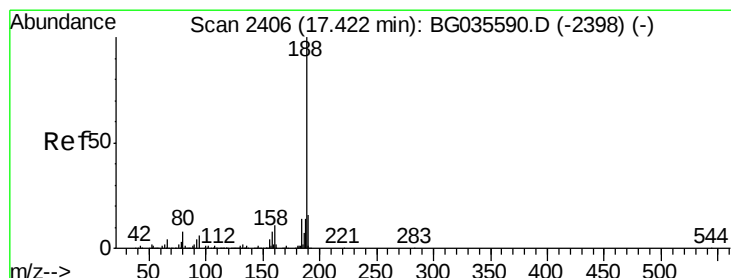
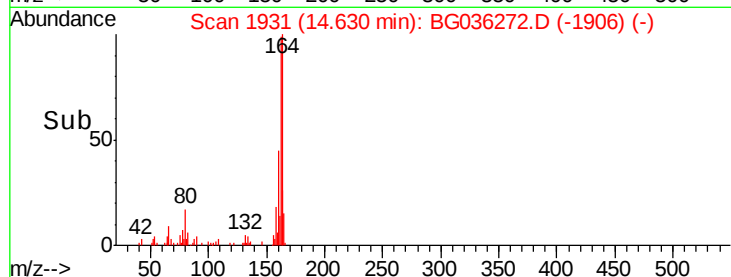
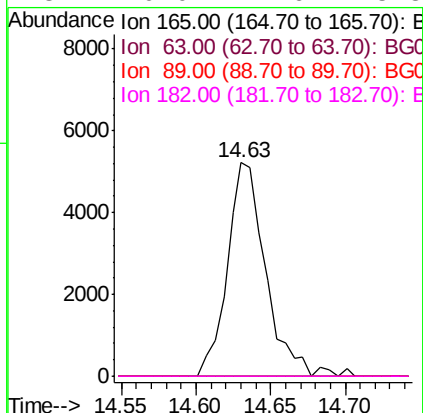
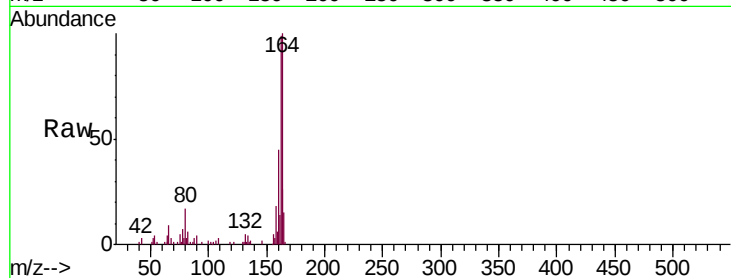




#56
 2,4-Dinitrotoluene
 Concen: 5.286 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

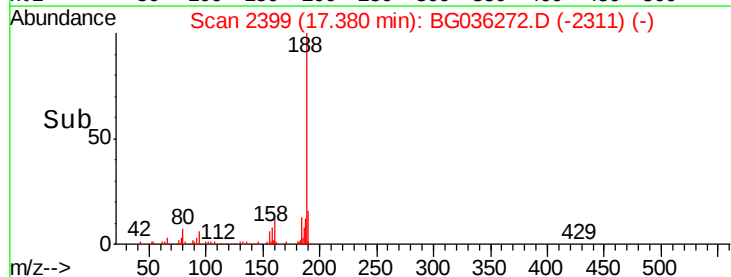
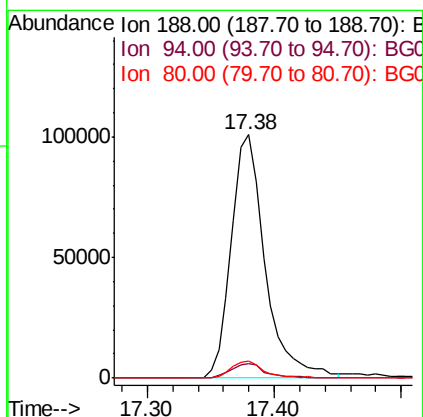
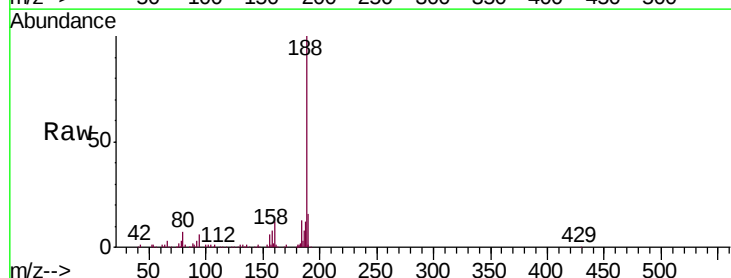
Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

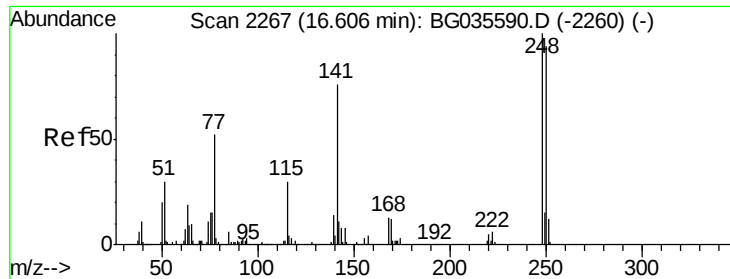
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.0	7.7	11.5#

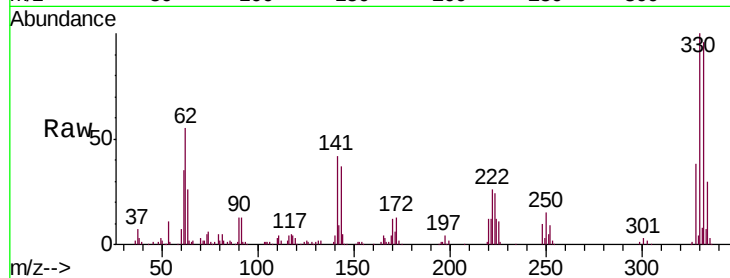




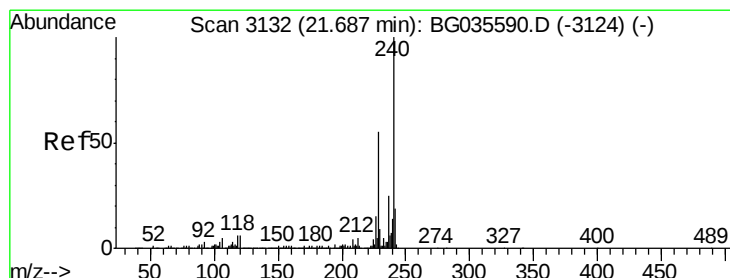
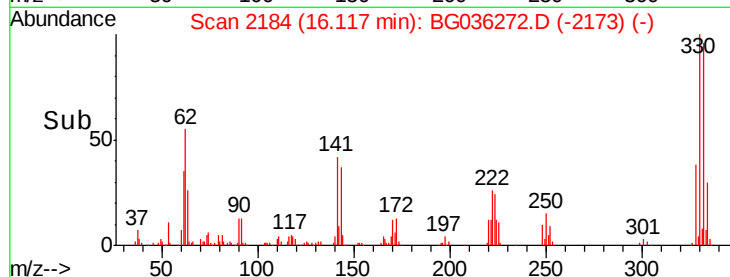
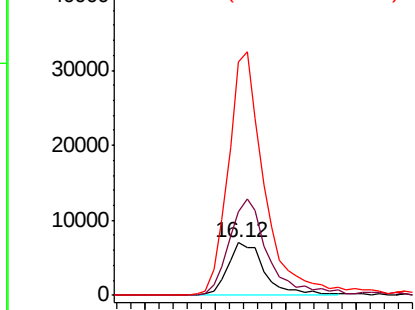
#66
 4-Bromophenyl-phenylether
 Concen: 5.895 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.47 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

Tgt Ion:248 Resp: 12763
 Ion Ratio Lower Upper
 248 100
 250 159.3 77.1 115.7#
 141 443.3 50.8 76.2#

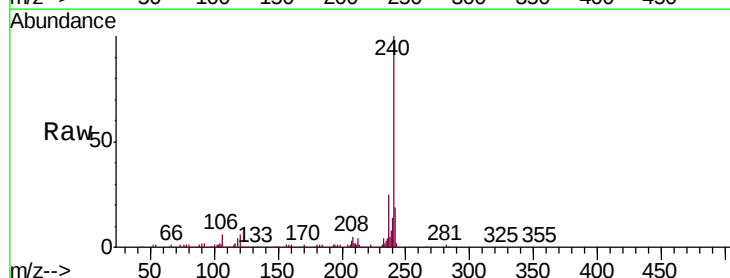


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

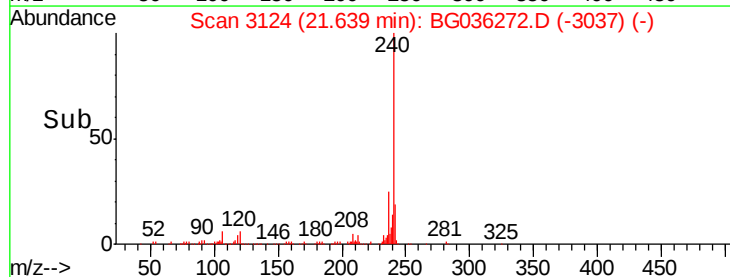
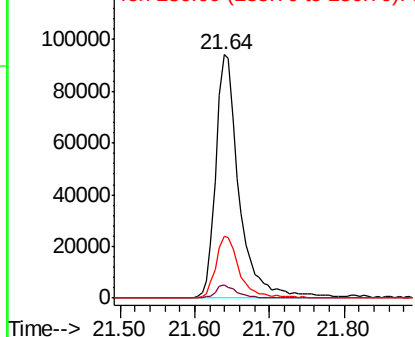


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Tgt Ion:240 Resp: 204750
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.4 20.9 31.3



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





#76

Benzidine

Concen: 3.461 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

Instrument :

BNA_G

ClientSampleId :

PB111936BL

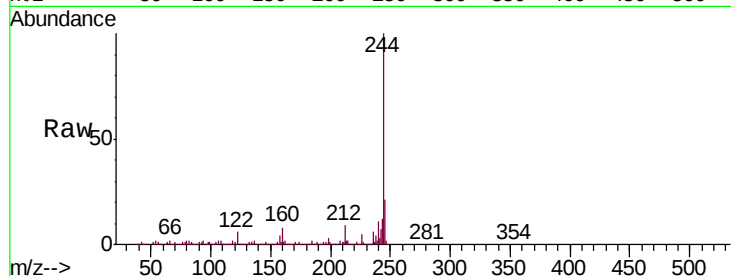
Tgt Ion:184 Resp: 18630

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

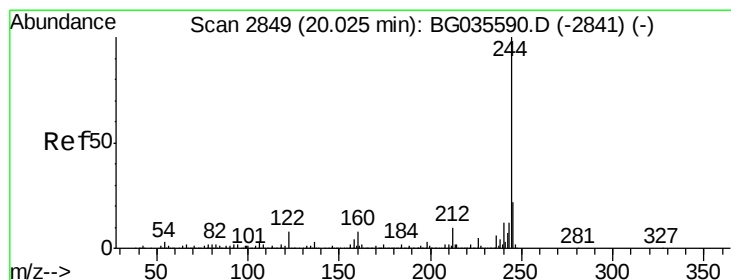
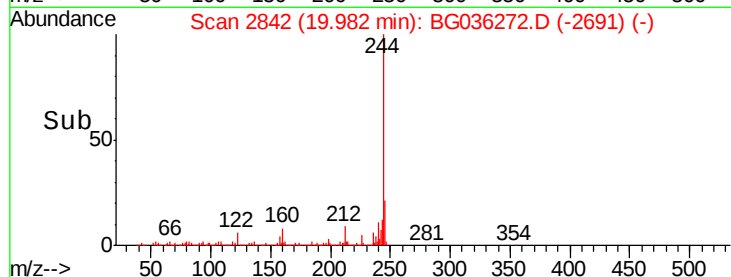
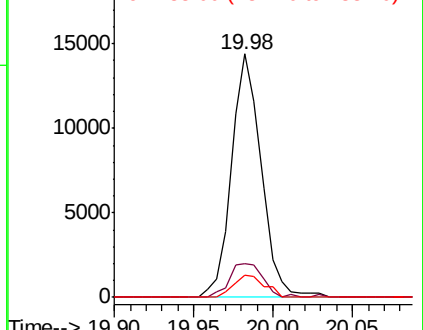
183 9.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 114.979 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

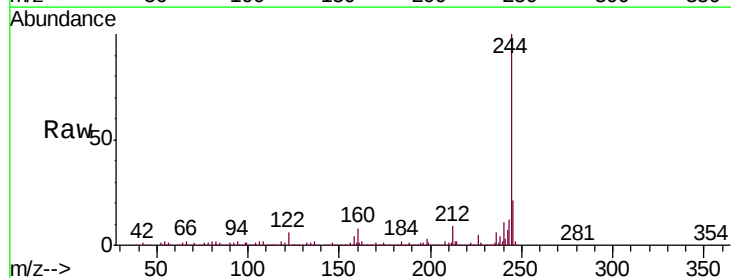
Tgt Ion:244 Resp: 1068002

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

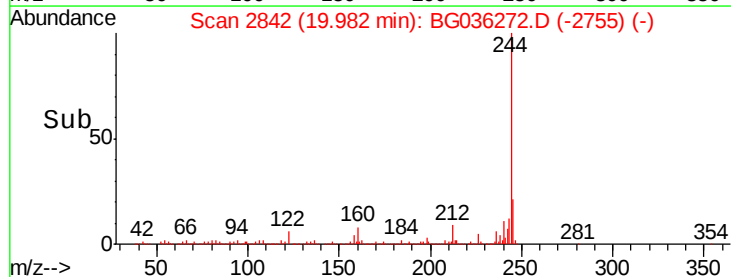
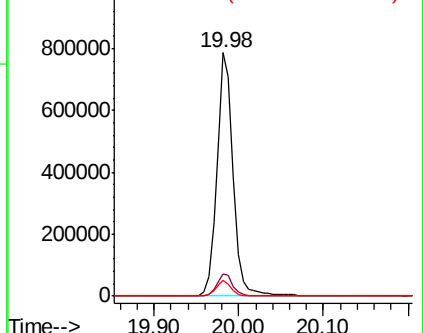
122 6.5 7.0 10.4#

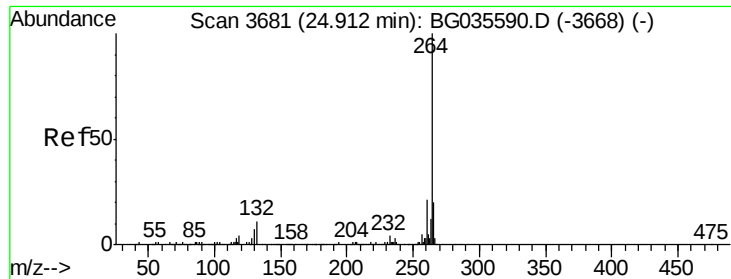


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Instrument :
BNA_G
ClientSampleId :
PB111936BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	23.8	17.7	26.5

