

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036247.D
 Acq On : 10 Aug 2018 00:11
 Operator : JU/SJ
 Sample : J4379-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 04:27:32 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

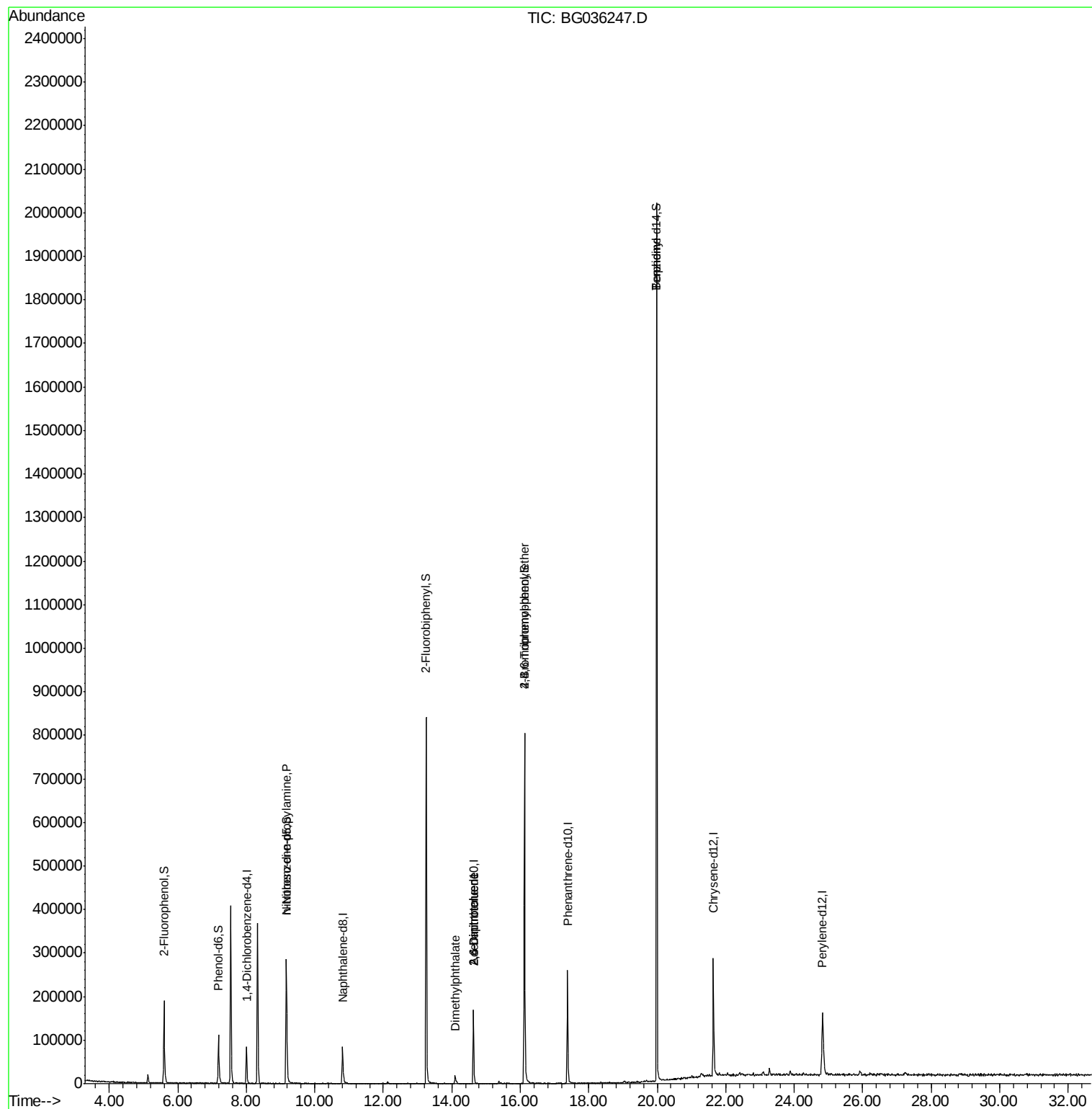
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25121	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	87148	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	65786	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	185512	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	194999	20.00	ng	-0.02
86) Perylene-d12	24.82	264	184307	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	91661	60.58	ng	0.00
7) Phenol-d6	7.19	99	77310	34.25	ng	0.00
23) Nitrobenzene-d5	9.17	82	216714	103.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	160629	185.25	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	490580	99.91	ng	-0.02
78) Terphenyl-d14	19.98	244	1004101	113.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29739	15.644	ng	# 65
49) Dimethylphthalate	14.10	163	20718	3.594	ng	# 96
50) 2,6-Dinitrotoluene	14.63	165	8984	7.654	ng	# 21
56) 2,4-Dinitrotoluene	14.63	165	8984	5.335	ng	# 19
66) 4-Bromophenyl-phenylether	16.12	248	12715	5.908	ng	# 1
76) Benzidine	19.98	184	17099	3.335	ng	95

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

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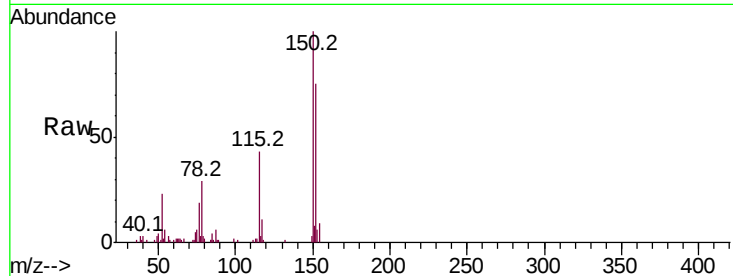


#1

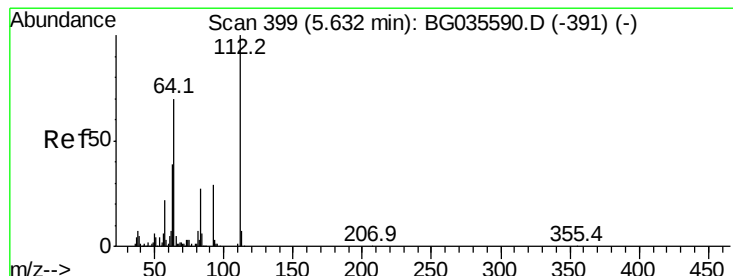
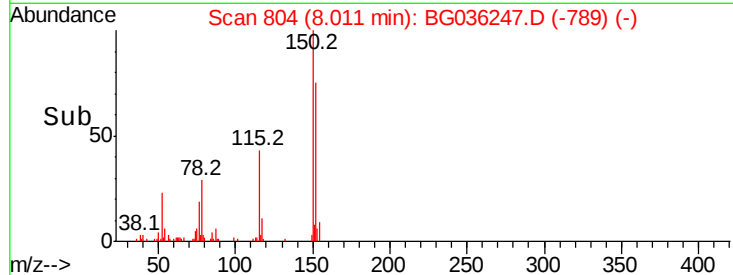
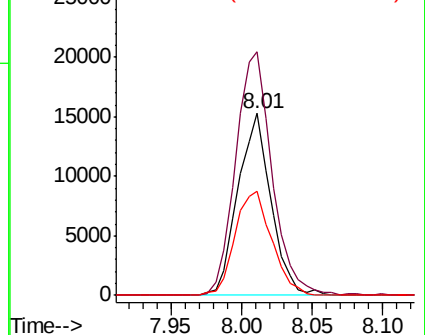
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG036247.D
 Acq: 10 Aug 2018 00:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 25121
 Ion Ratio Lower Upper
 152 100
 150 133.8 126.6 189.8
 115 57.5 53.0 79.4



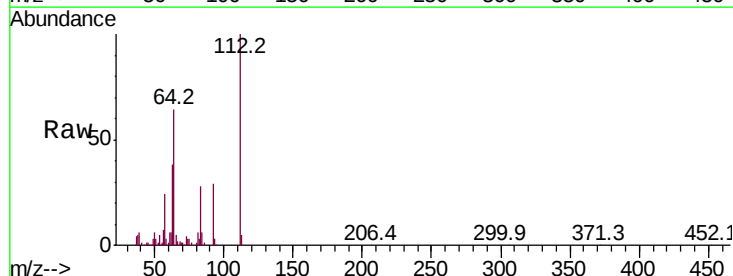
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



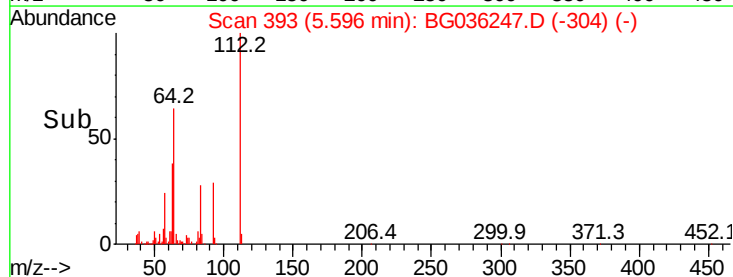
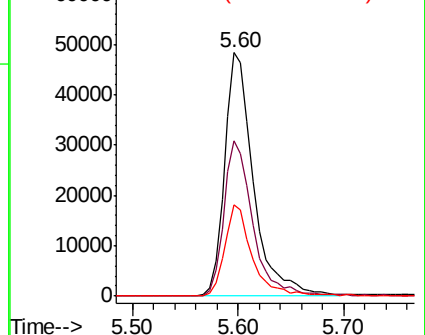
#5

2-Fluorophenol
 Concen: 60.578 ng
 RT: 5.60 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG036247.D
 Acq: 10 Aug 2018 00:11

Tgt Ion:112 Resp: 91661
 Ion Ratio Lower Upper
 112 100
 64 63.8 56.3 84.5
 63 37.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 34.245 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

Instrument :

BNA_G

ClientSampleId :

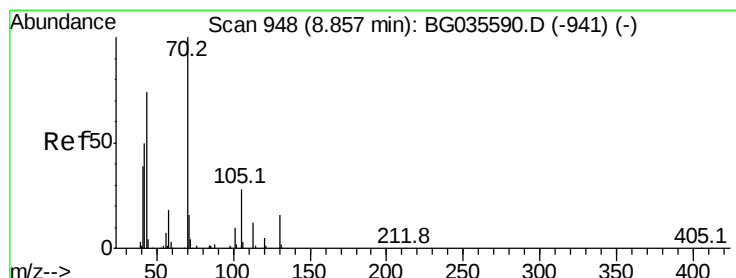
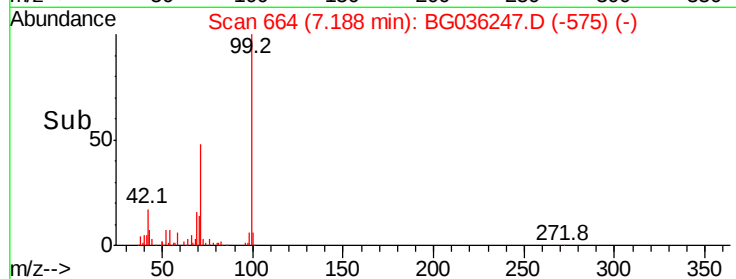
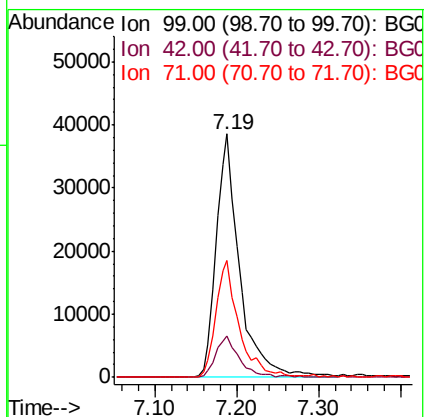
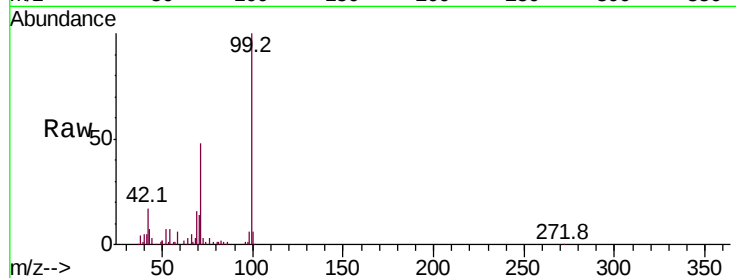
Tot Ion: 99 Resp: 77310

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 48.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.644 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

Tgt Ion: 70 Resp: 29739

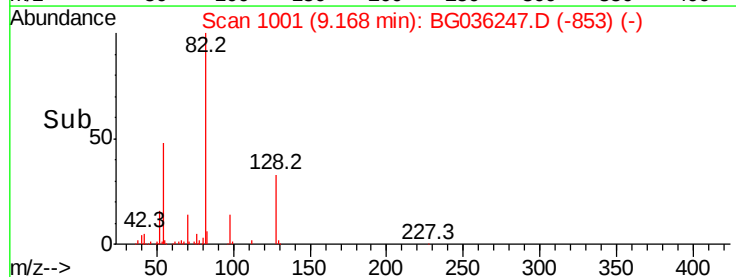
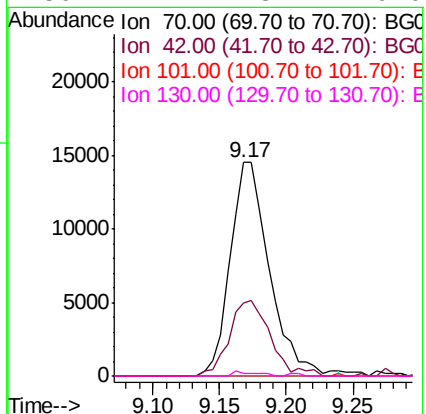
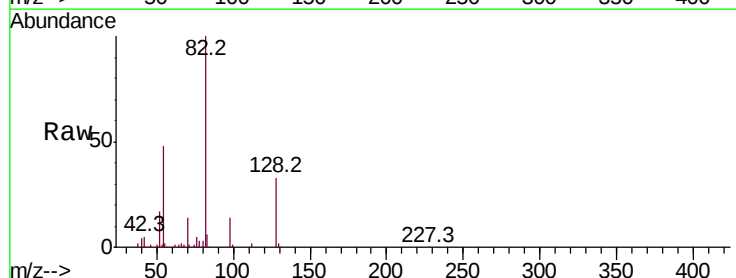
Ion Ratio Lower Upper

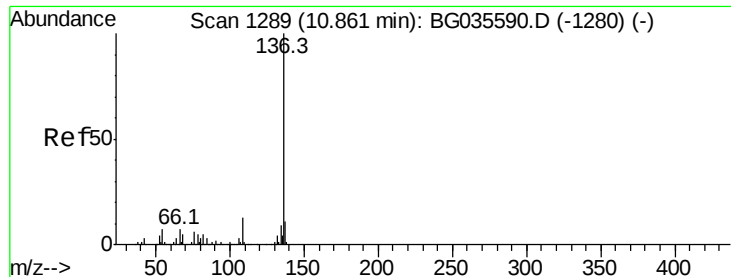
70 100

42 34.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

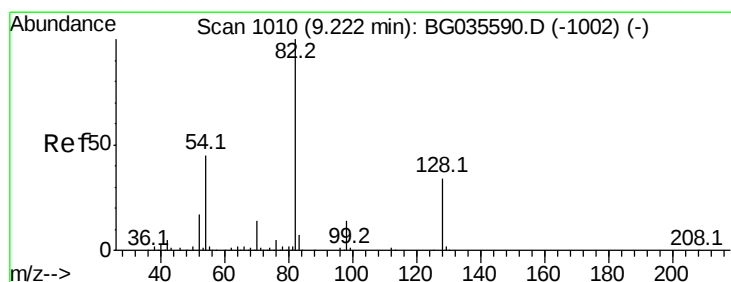
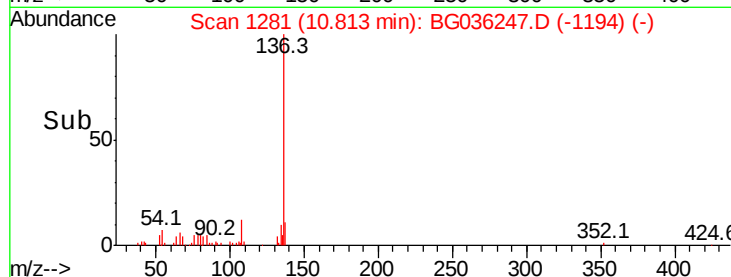
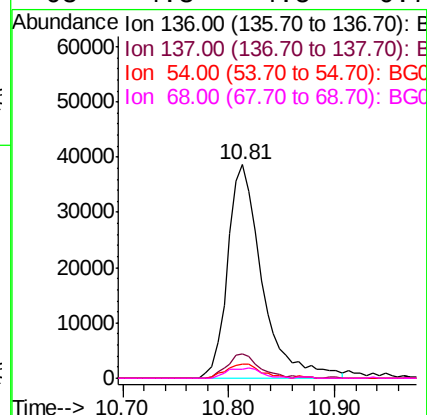
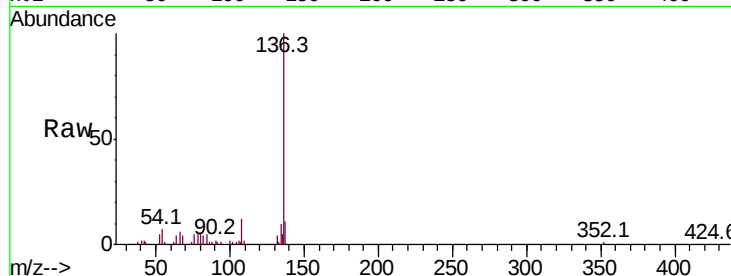




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036247.D
Acq: 10 Aug 2018 00:11

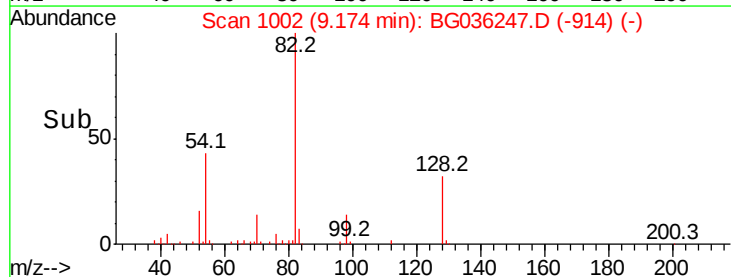
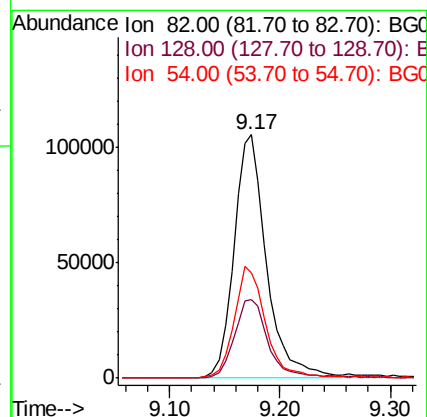
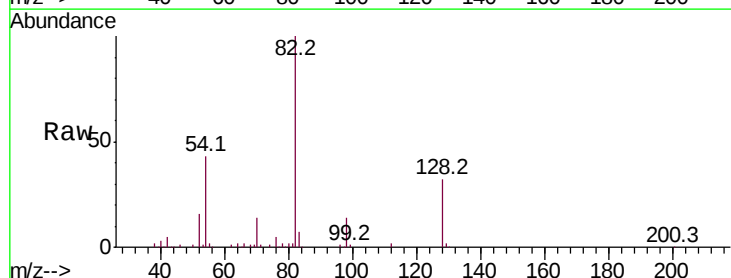
Instrument :
BNA_G
ClientSampleId :

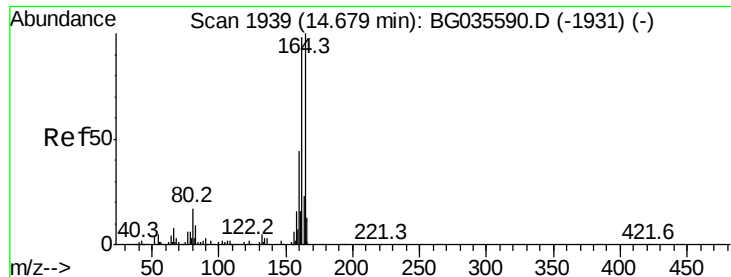
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.6	10.3	15.5#
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 103.883 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036247.D
Acq: 10 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	29.7	44.5
54	43.4	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: BG036247.D

Acq: 10 Aug 2018 00:11

Instrument :

BNA_G

ClientSampleId :

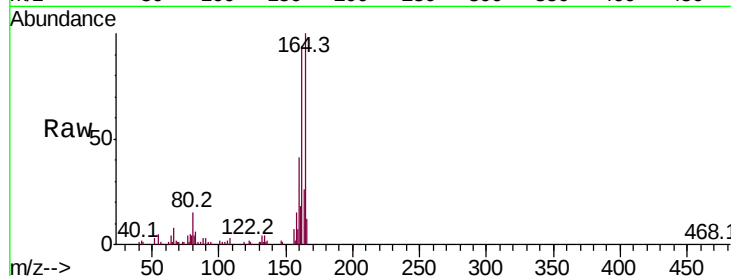
Tot Ion:164 Resp: 65786

Ion Ratio Lower Upper

164 100

162 93.9 78.8 118.2

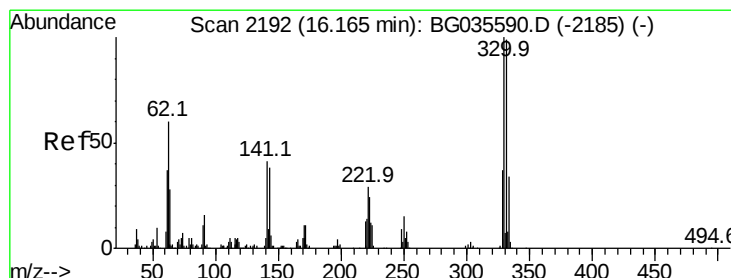
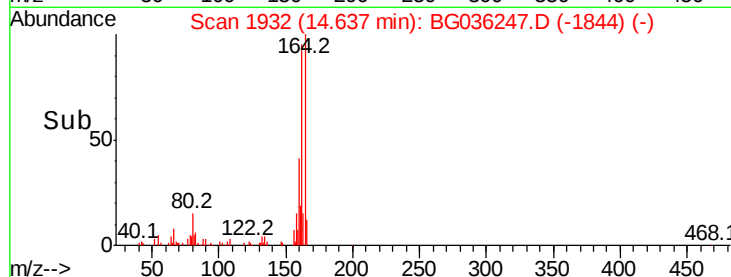
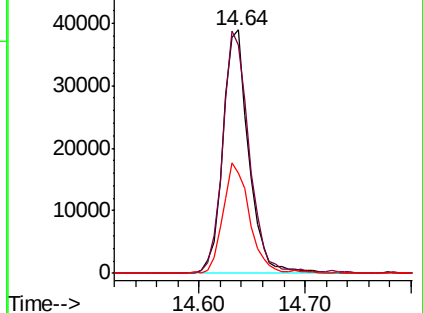
160 41.0 35.4 53.0



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: 185.248 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

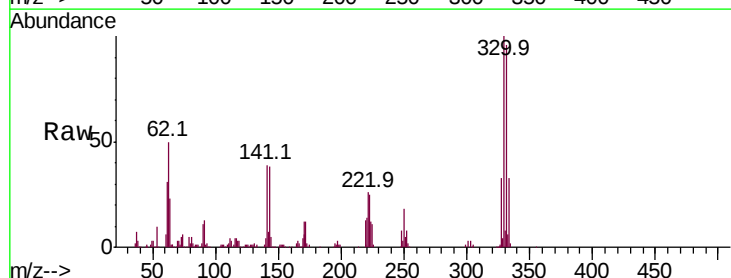
Tgt Ion:330 Resp: 160629

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

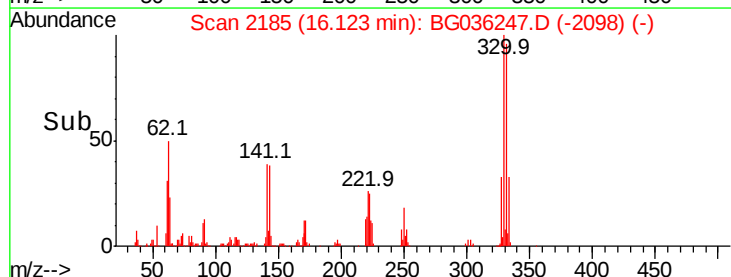
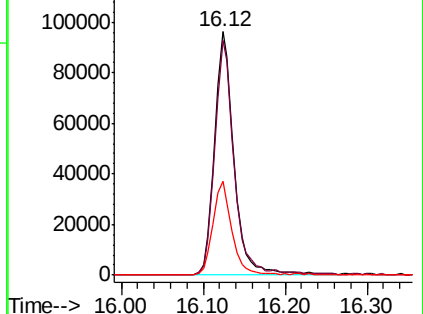
141 37.4 25.2 37.8

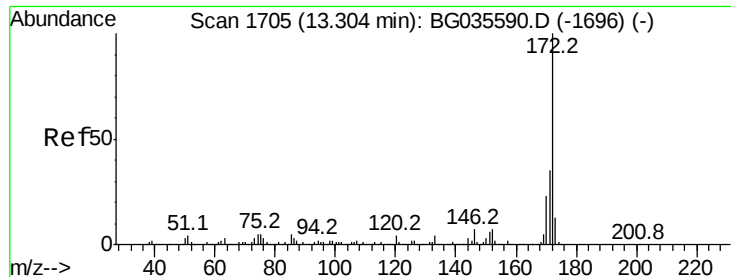


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

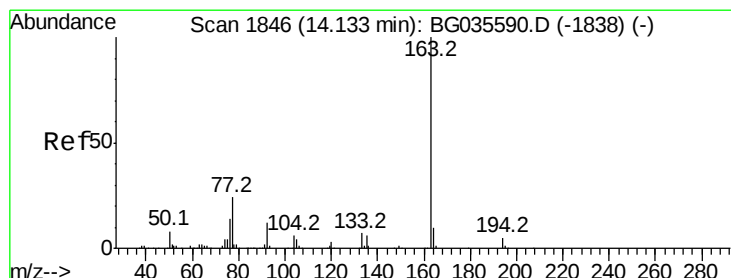
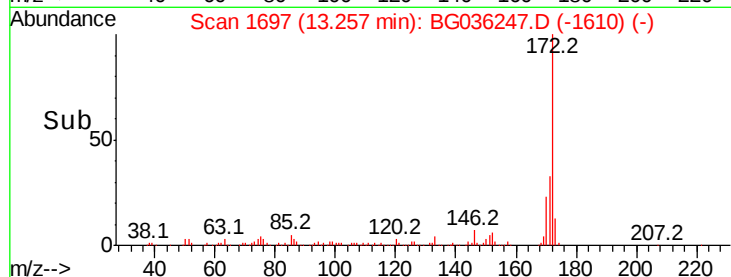
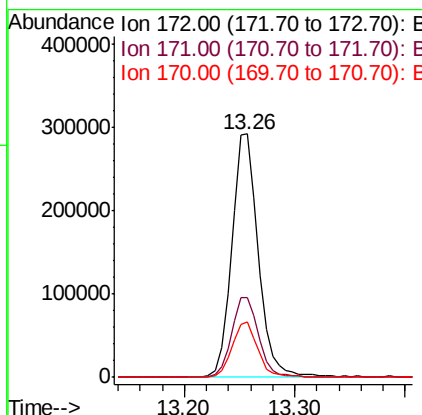
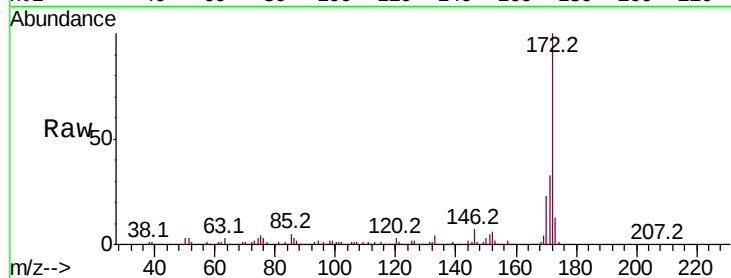




#44
2-Fluorobiphenyl
Concen: 99.907 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036247.D
Acq: 10 Aug 2018 00:11

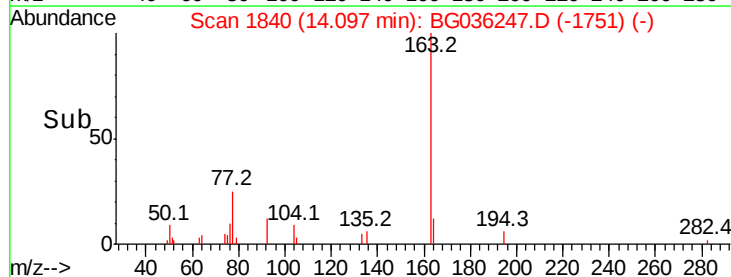
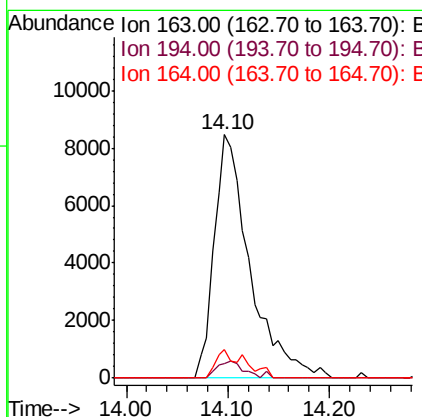
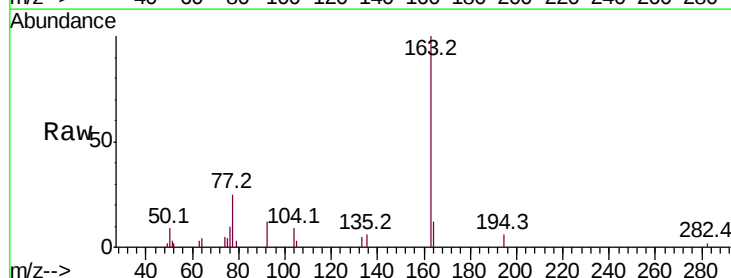
Instrument :
BNA_G
ClientSampleId :

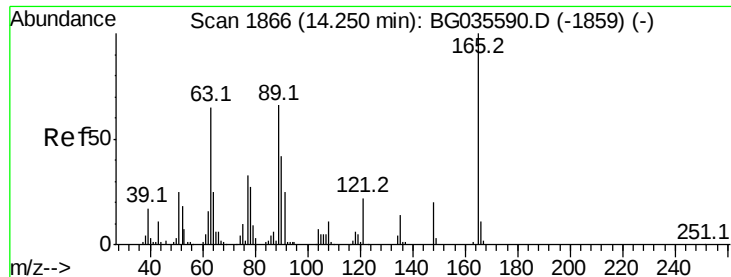
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	22.9	19.5	29.3



#49
Dimethylphthalate
Concen: 3.594 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036247.D
Acq: 10 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	11.9	8.2	12.4

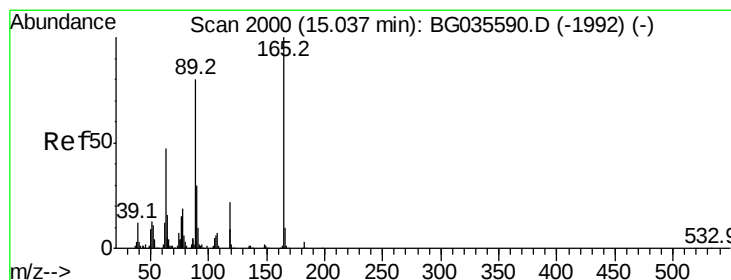
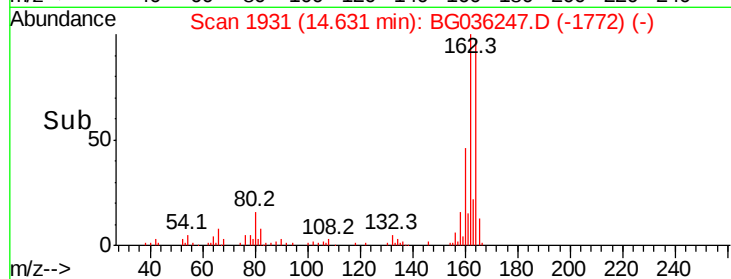
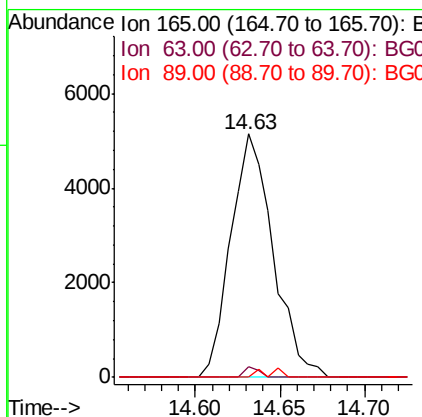
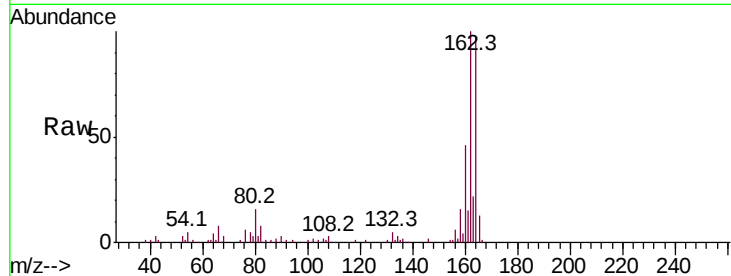




#50
 2,6-Dinitrotoluene
 Concen: 7.654 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036247.D
 Acq: 10 Aug 2018 00:11

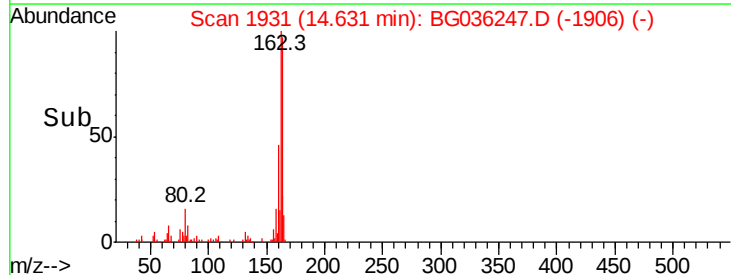
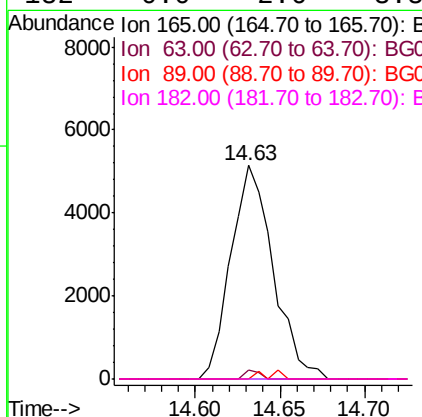
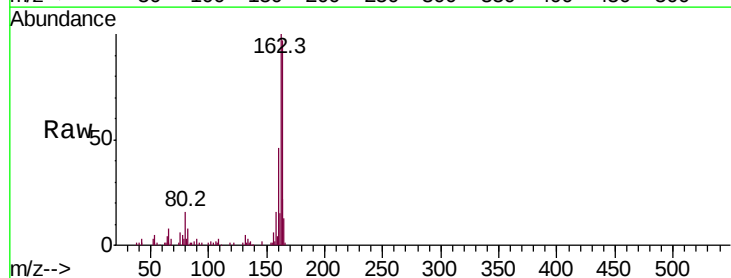
Instrument :
 BNA_G
 ClientSampleId :

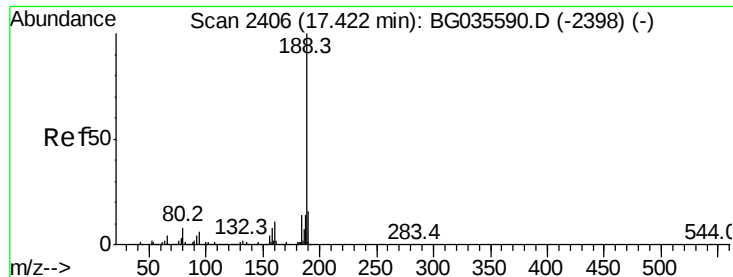
Tot Ion	Ratio	Lower	Upper
165	100		
63	4.3	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.335 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036247.D
 Acq: 10 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.3	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: BG036247.D

Acq: 10 Aug 2018 00:11

Instrument :

BNA_G

ClientSampled :

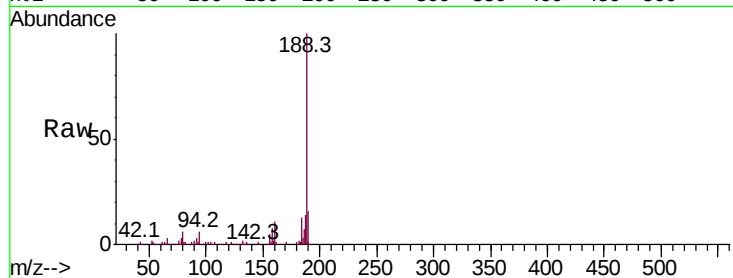
Tot Ion:188 Resp: 185512

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

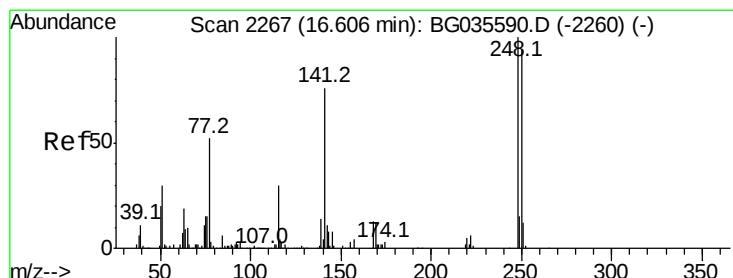
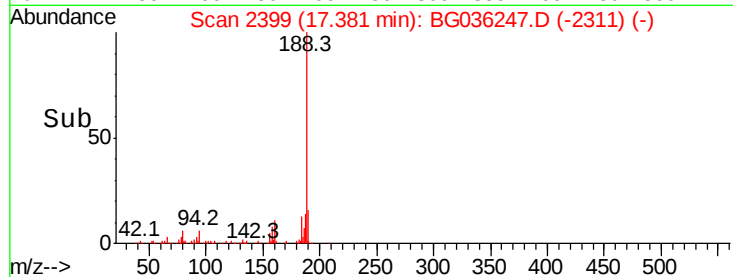
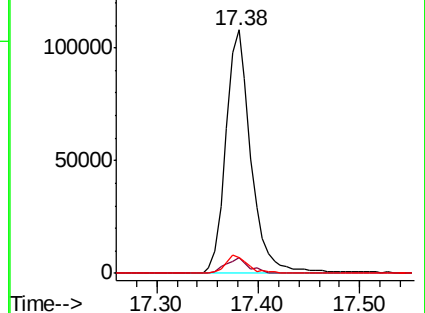
80 6.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.908 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

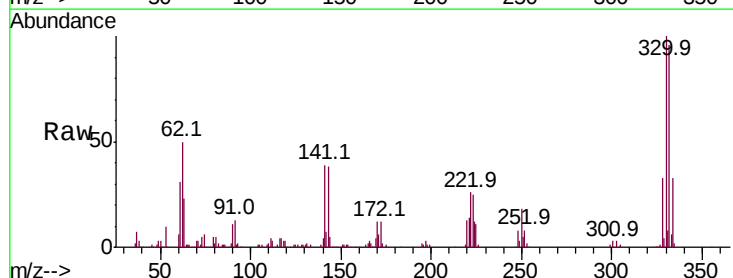
Tgt Ion:248 Resp: 12715

Ion Ratio Lower Upper

248 100

250 219.9 77.1 115.7#

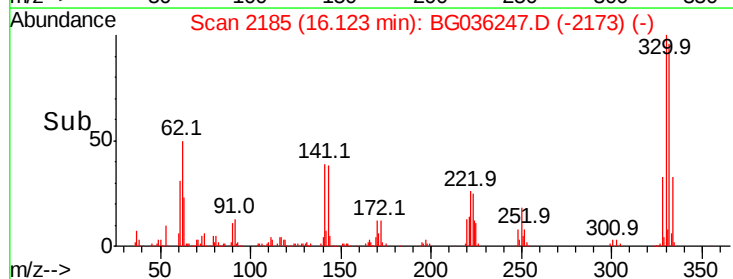
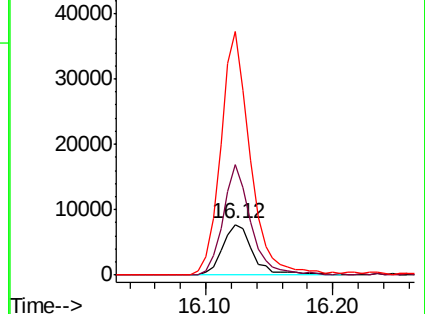
141 481.9 50.8 76.2#

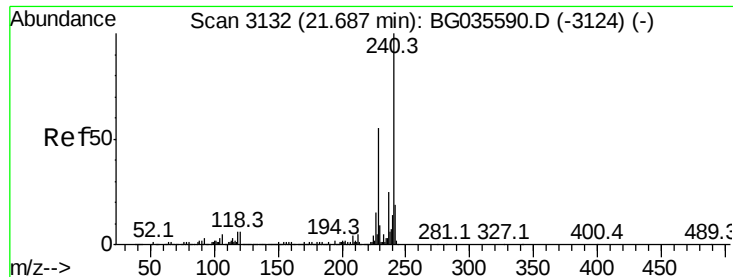


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036247.D

Acq: 10 Aug 2018 00:11

Instrument :

BNA_G

ClientSampleId :

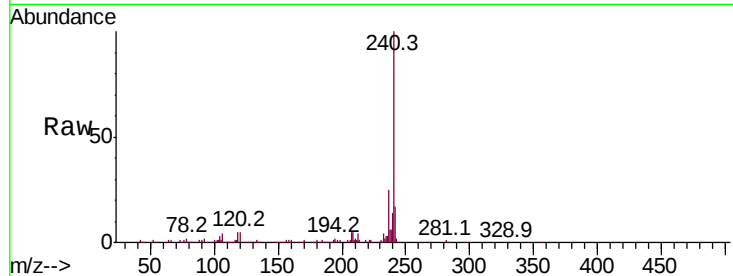
Tot Ion:240 Resp: 194999

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

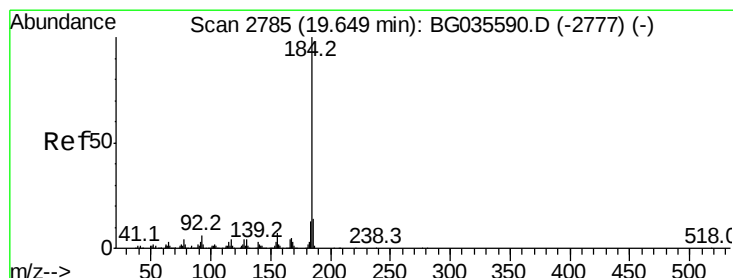
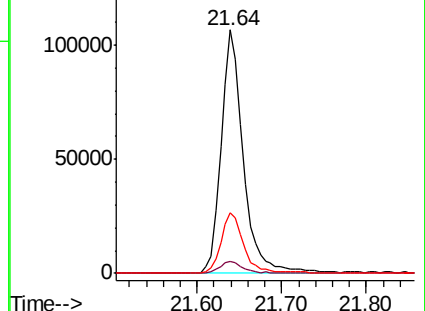
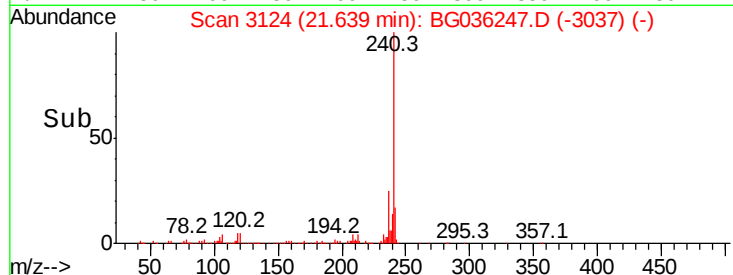
236 24.8 20.9 31.3



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: 3.335 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

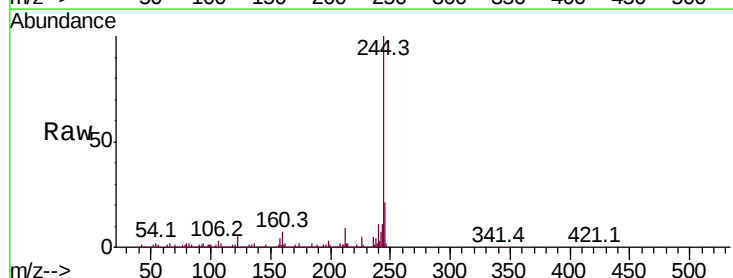
Tgt Ion:184 Resp: 17099

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

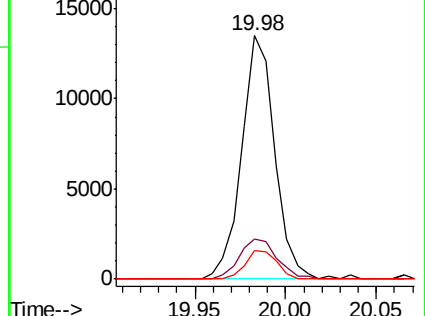
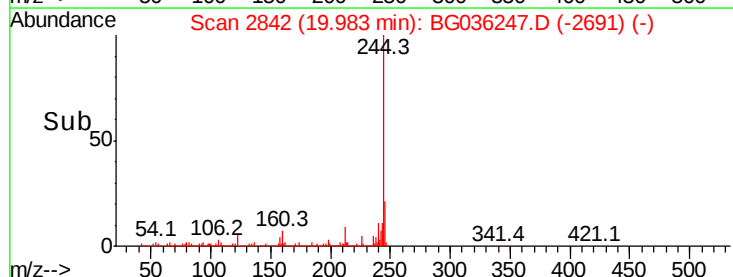
183 11.6 10.6 16.0

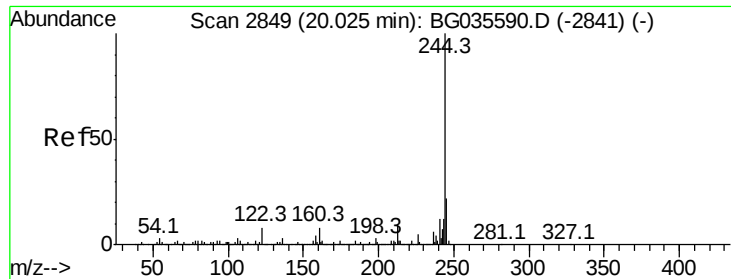


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 113.505 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

Instrument :

BNA_G

ClientSampleId :

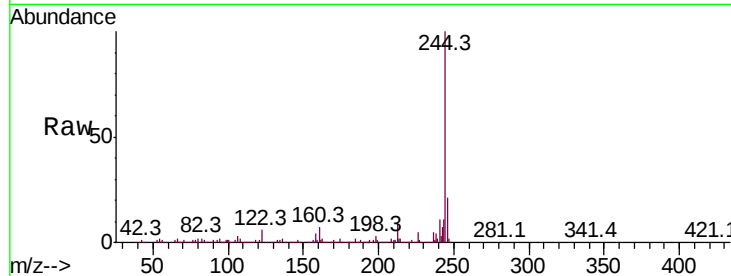
Tot Ion:244 Resp: 1004101

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

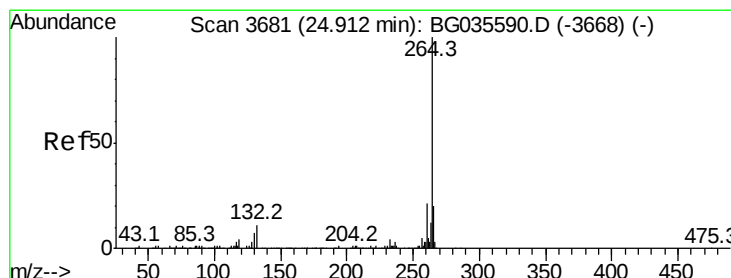
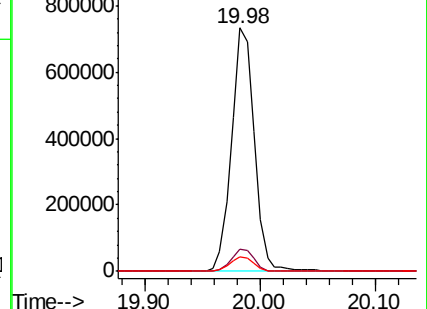
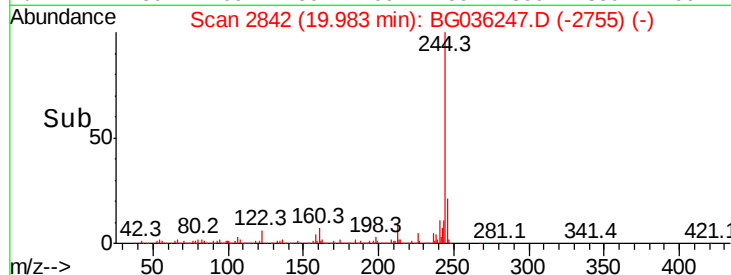
122 6.1 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036247.D

Acq: 10 Aug 2018 00:11

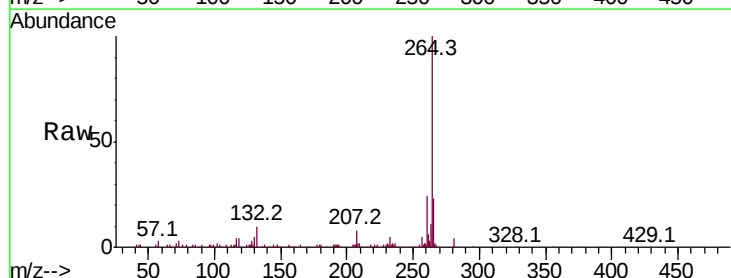
Tgt Ion:264 Resp: 184307

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.8 17.7 26.5



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

