

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036243.D
 Acq On : 9 Aug 2018 21:33
 Operator : JU/SJ
 Sample : J4379-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 04:26:53 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

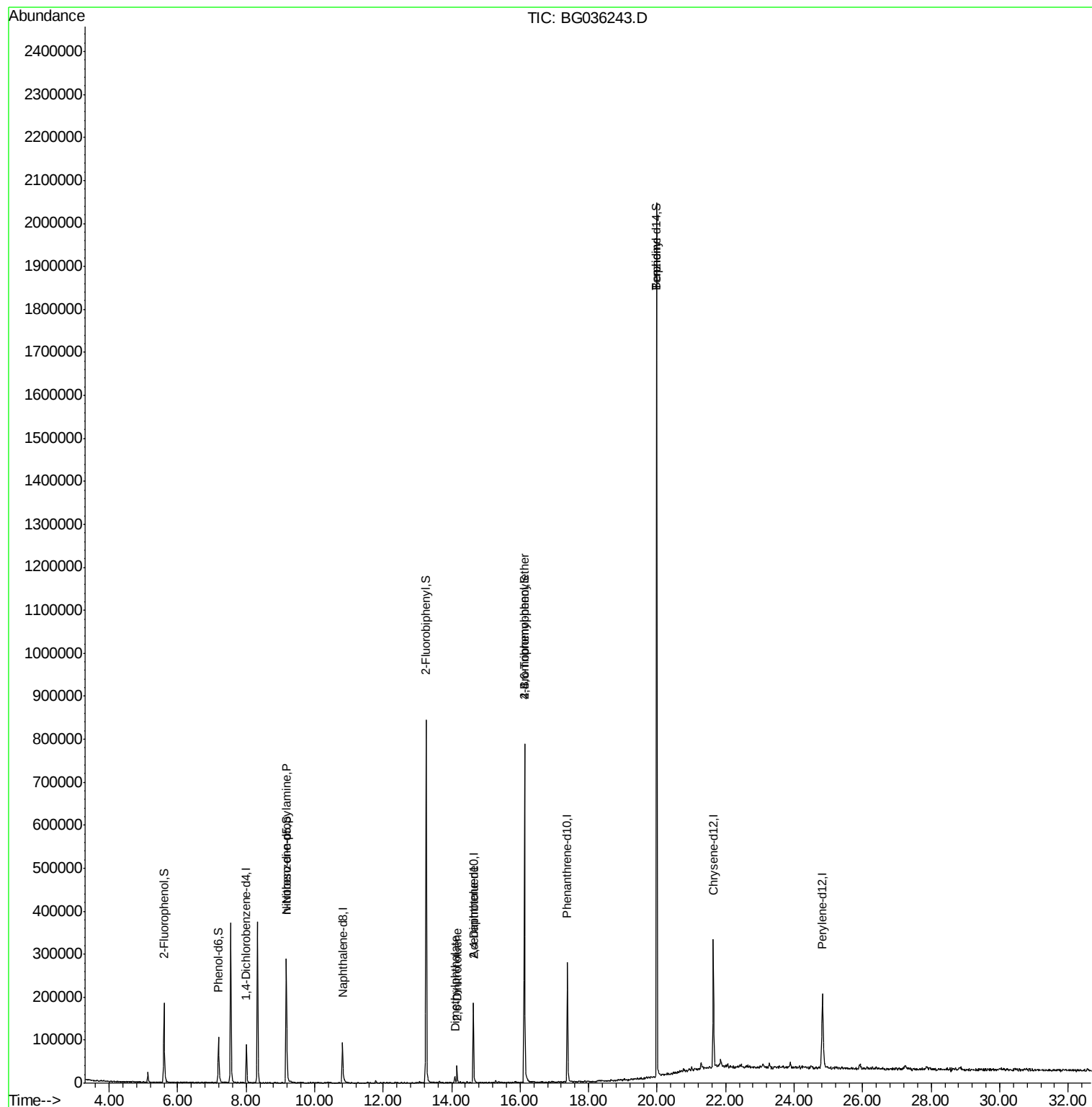
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25766	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	92967	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68230	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	194085	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	201658	20.00	ng	-0.02
86) Perylene-d12	24.83	264	189134	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	88250	56.86	ng	0.00
7) Phenol-d6	7.19	99	76675	33.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	216125	97.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	153915	171.15	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	479937	94.24	ng	-0.02
78) Terphenyl-d14	19.98	244	937392	102.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29868	15.318	ng	# 70
49) Dimethylphthalate	14.09	163	14646	2.450	ng	# 92
50) 2,6-Dinitrotoluene	14.16	165	6441	5.291	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8945	5.122	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	12417	5.514	ng	# 1
76) Benzidine	19.98	184	17026	3.211	ng	# 85

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

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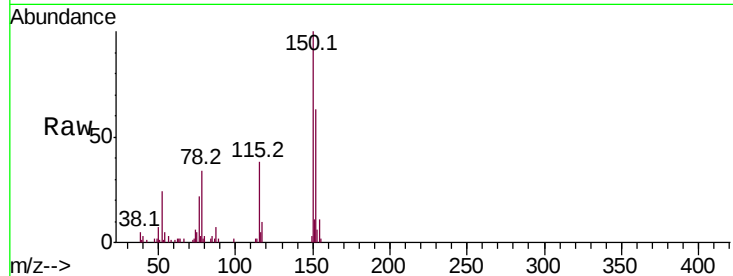


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036243.D
Acq: 9 Aug 2018 21:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	59.8	53.0	79.4

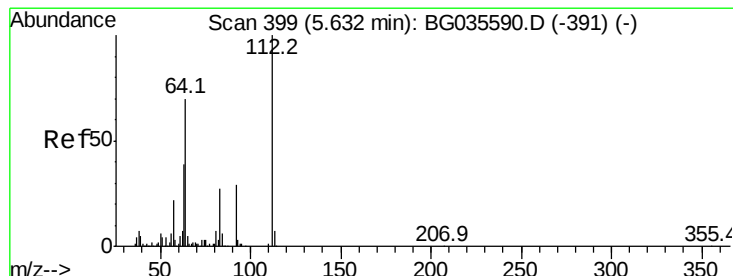
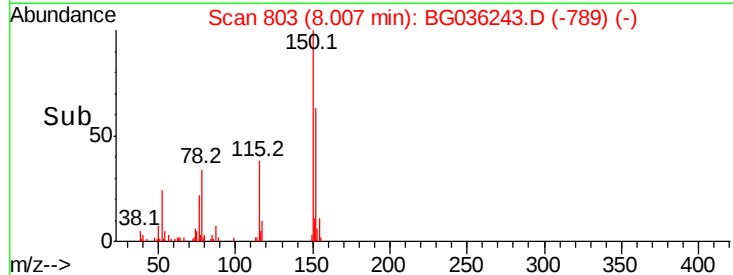
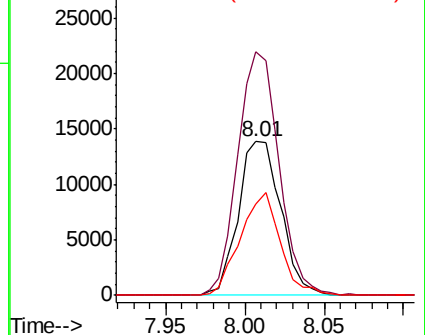


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

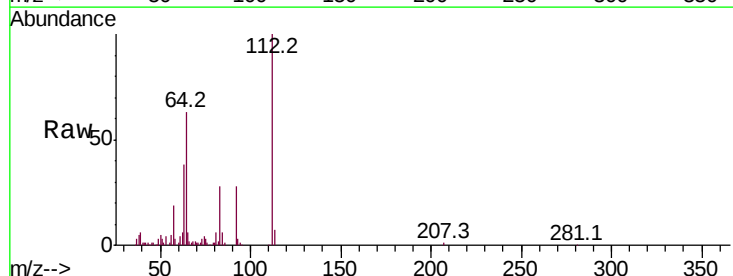
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.864 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036243.D
Acq: 9 Aug 2018 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	38.4	30.1	45.1

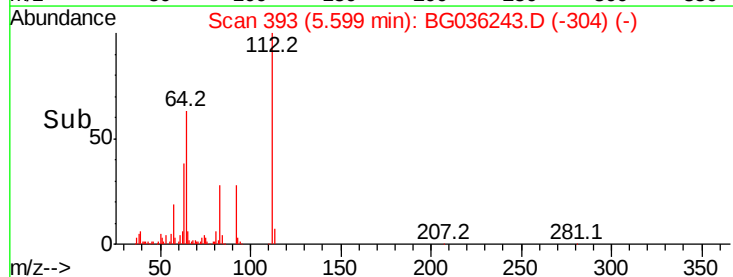
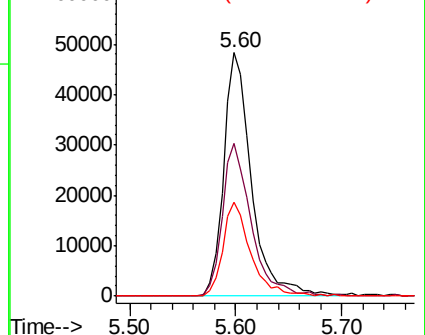


Abundance

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: 33.114 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

Instrument :

BNA_G

ClientSampleId :

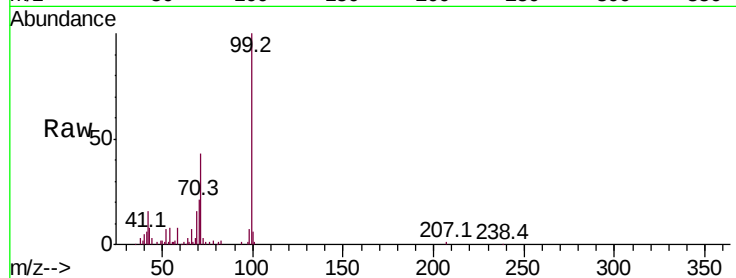
Tot Ion: 99 Resp: 76675

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

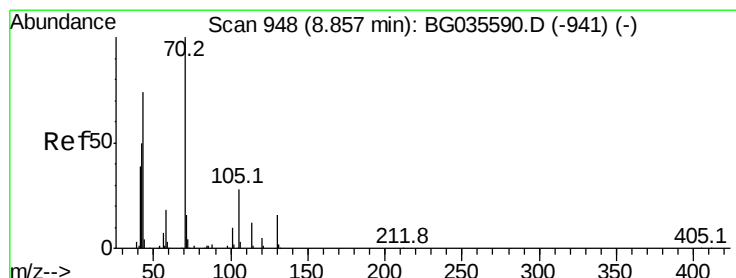
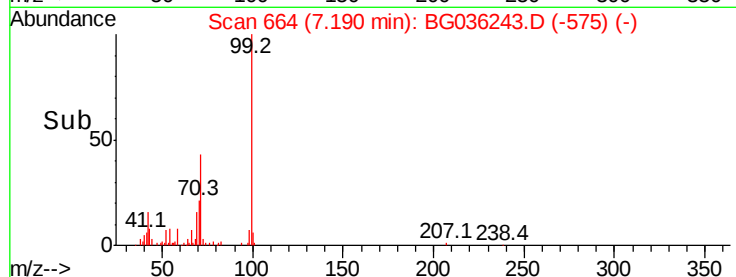
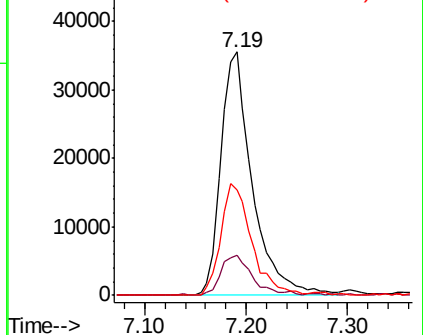
71 43.4 26.1 39.1#



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: 15.318 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

Tgt Ion: 70 Resp: 29868

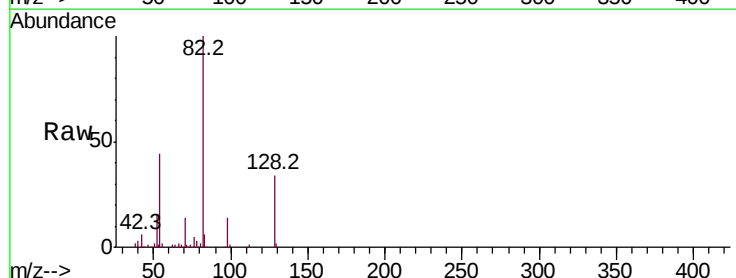
Ion Ratio Lower Upper

70 100

42 39.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

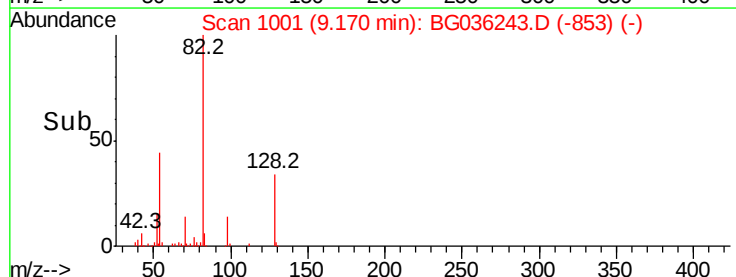
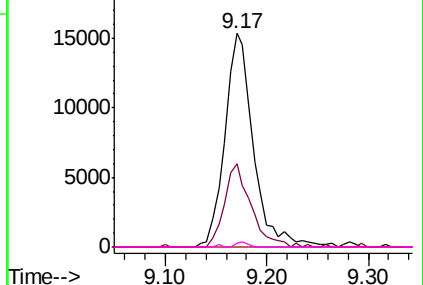


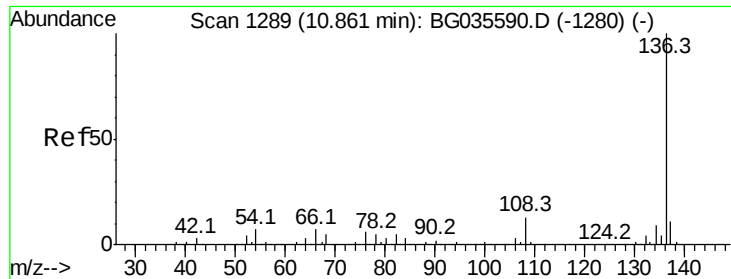
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

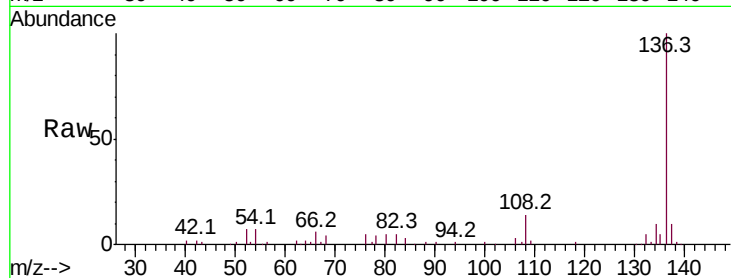




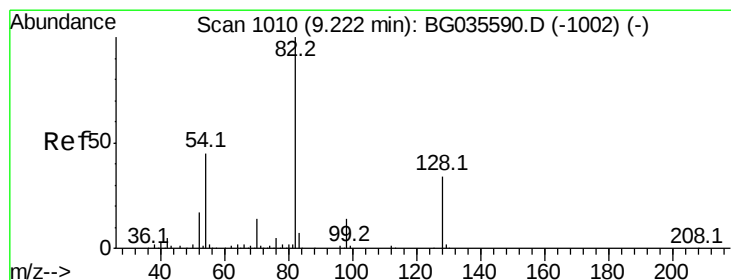
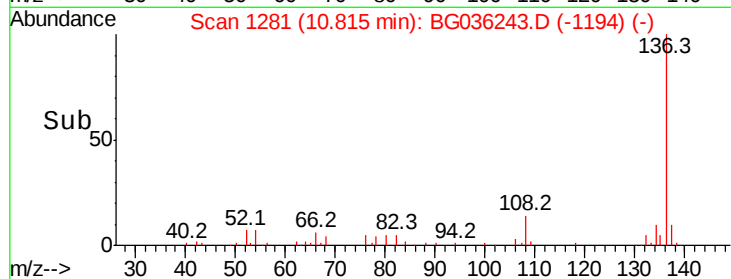
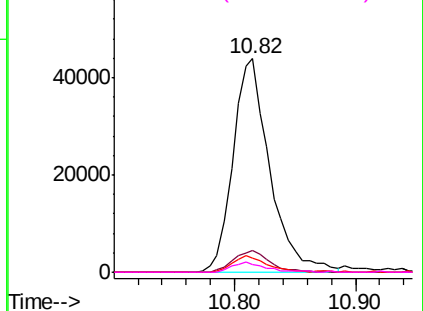
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036243.D
Acq: 9 Aug 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	92967
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	6.6	10.3 15.5#
68	3.7	4.5 6.7#

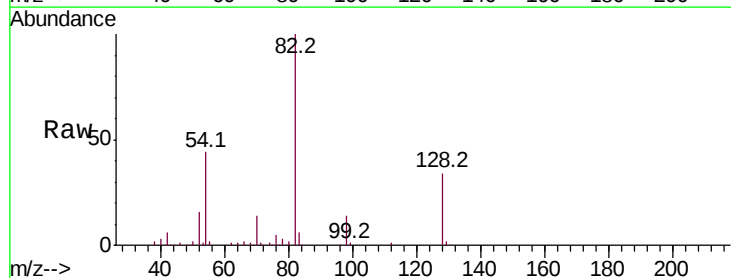


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

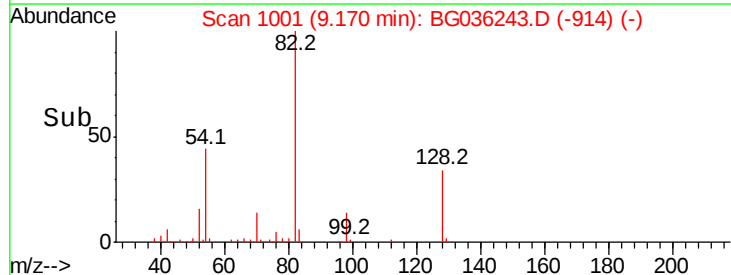
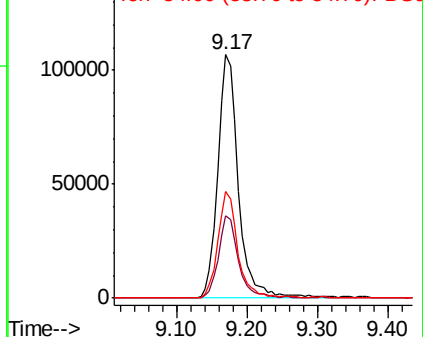


#23
Nitrobenzene-d5
Concen: 97.116 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036243.D
Acq: 9 Aug 2018 21:33

Tgt Ion: 82	Resp:	216125
Ion Ratio	Lower	Upper
82	100	
128	33.6	29.7 44.5
54	43.9	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

Instrument :

BNA_G

ClientSampled :

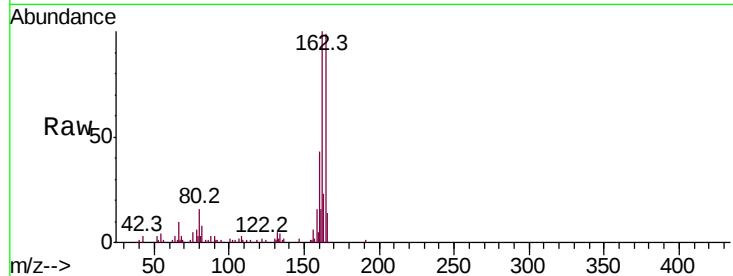
Tot Ion:164 Resp: 68230

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

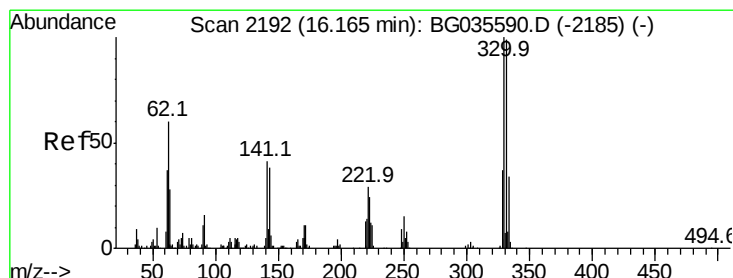
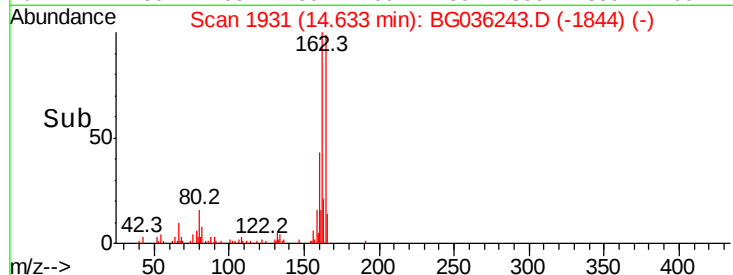
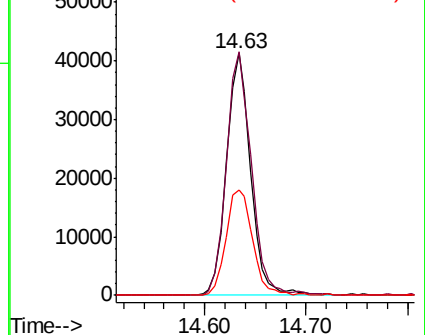
160 43.3 35.4 53.0



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: 171.147 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

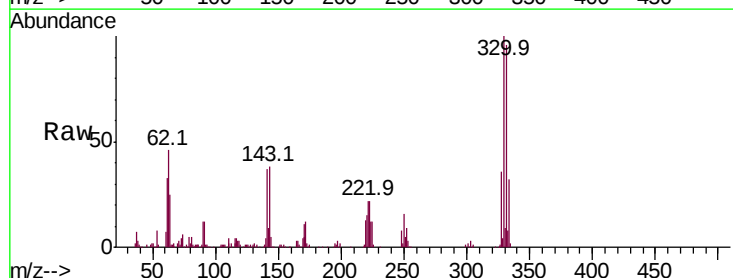
Tgt Ion:330 Resp: 153915

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

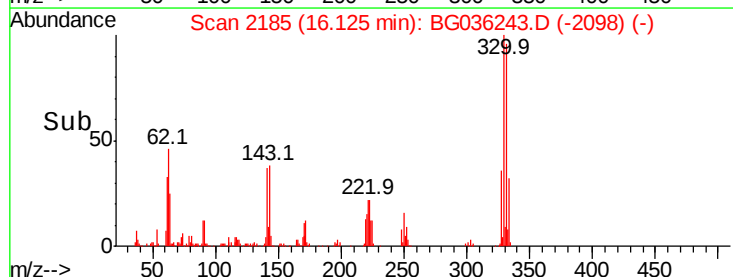
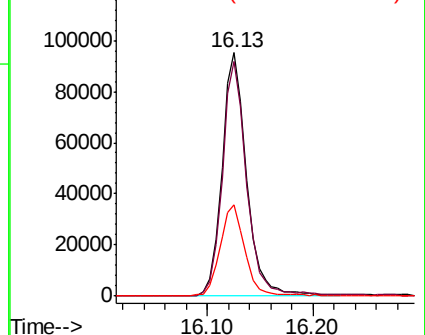
141 38.4 25.2 37.8#

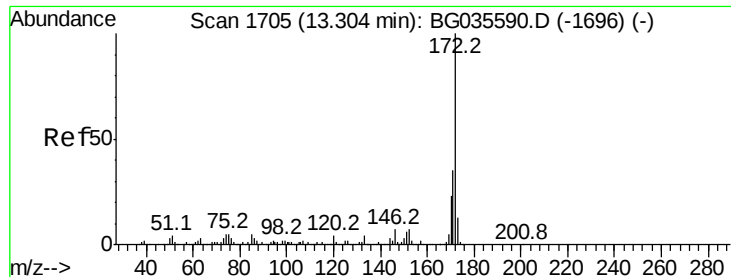


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

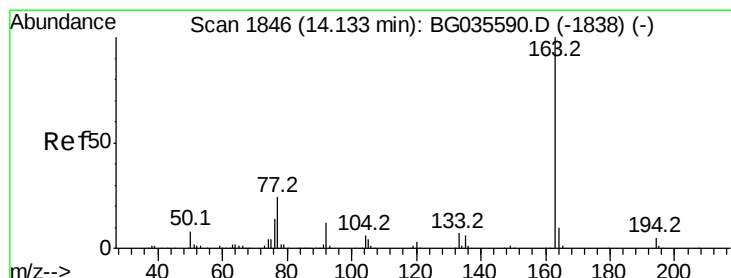
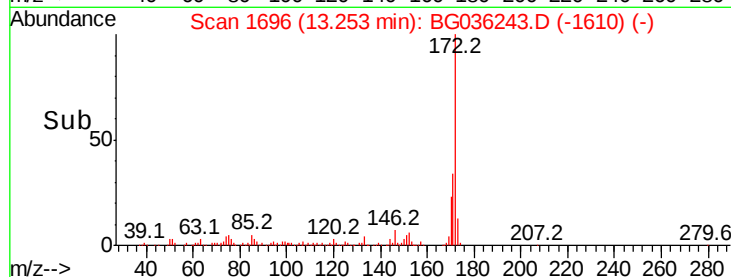
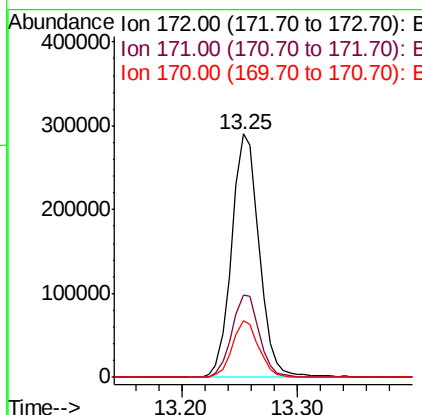
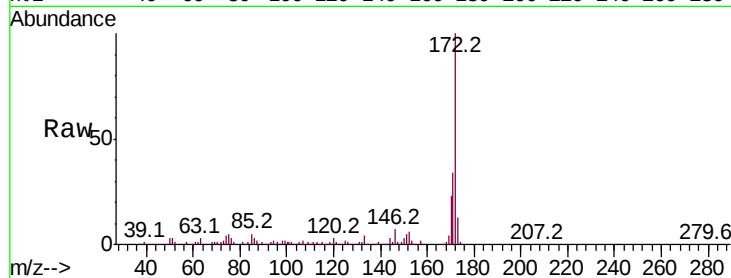




#44
2-Fluorobiphenyl
Concen: 94.239 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036243.D
Acq: 9 Aug 2018 21:33

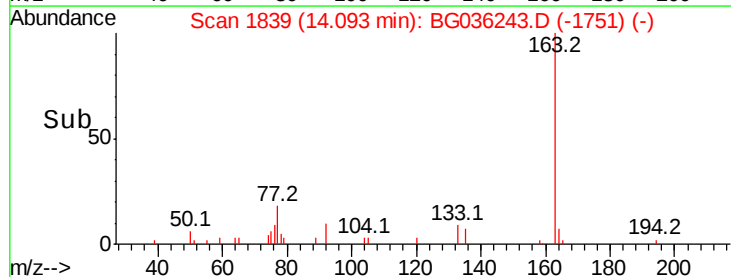
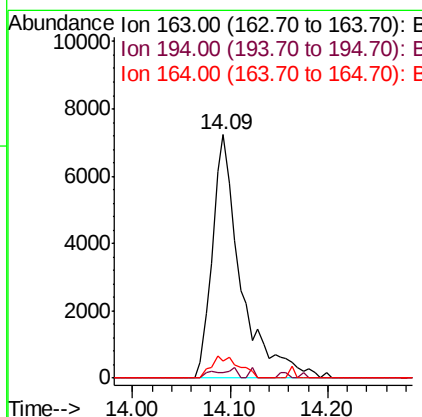
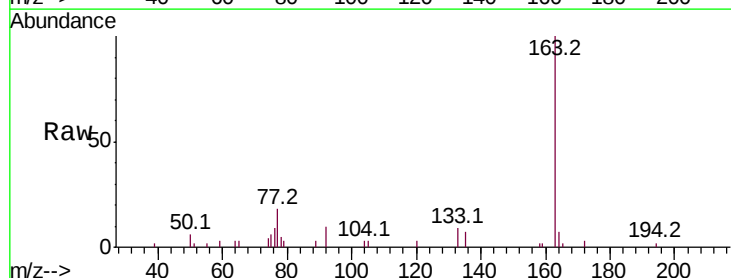
Instrument :
BNA_G
ClientSampleId :

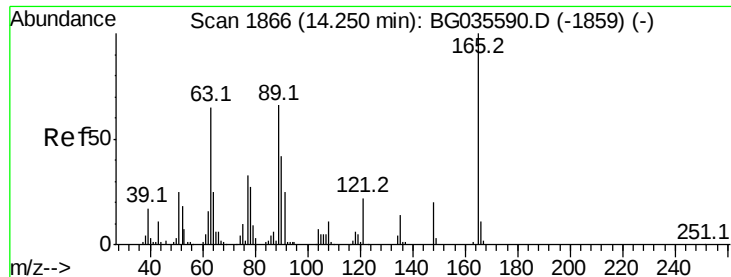
Tot Ion:172 Resp: 479937
Ion Ratio Lower Upper
172 100
171 33.9 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 2.450 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG036243.D
Acq: 9 Aug 2018 21:33

Tgt Ion:163 Resp: 14646
Ion Ratio Lower Upper
163 100
194 2.5 3.4 5.2#
164 7.1 8.2 12.4#

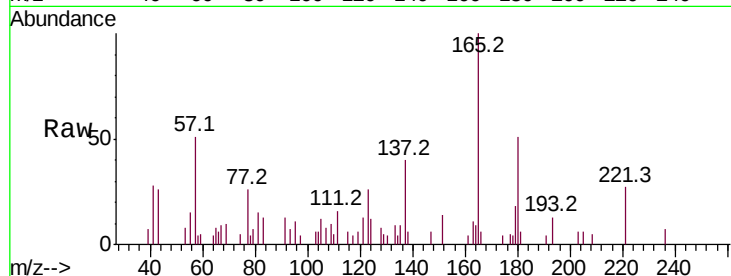




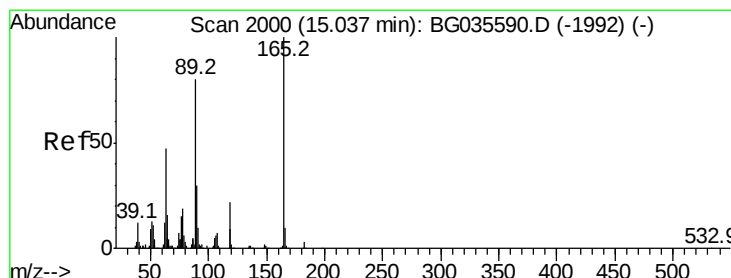
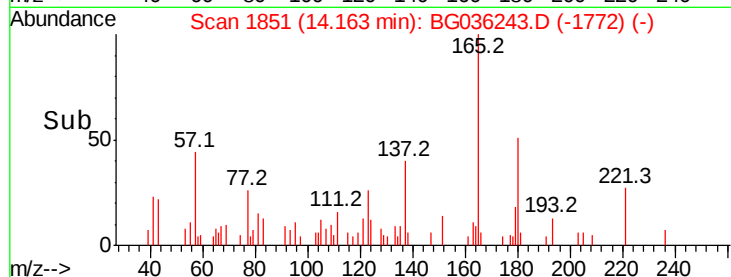
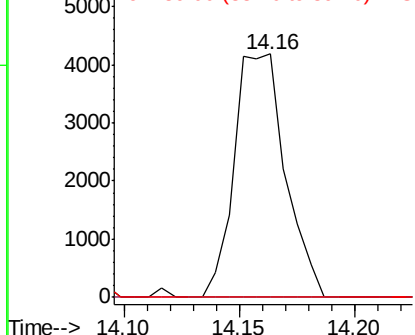
#50
 2,6-Dinitrotoluene
 Concen: 5.291 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BG036243.D
 Acq: 9 Aug 2018 21:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 6441
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

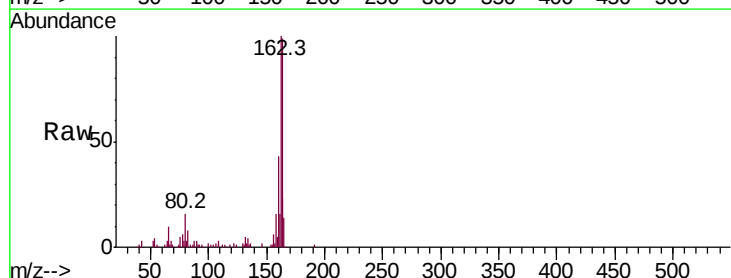


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

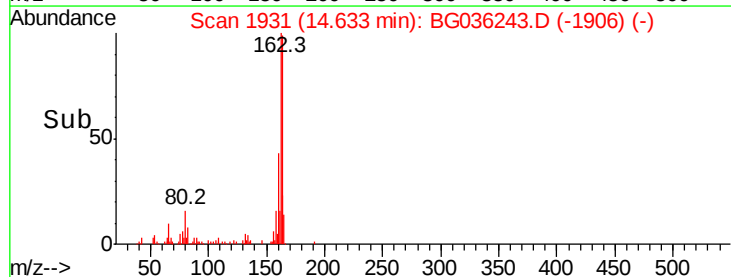
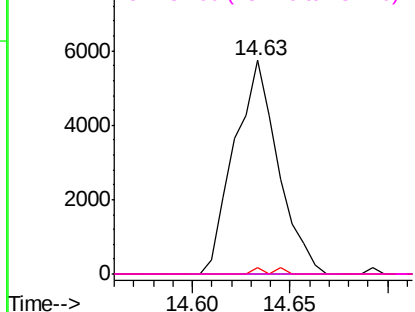


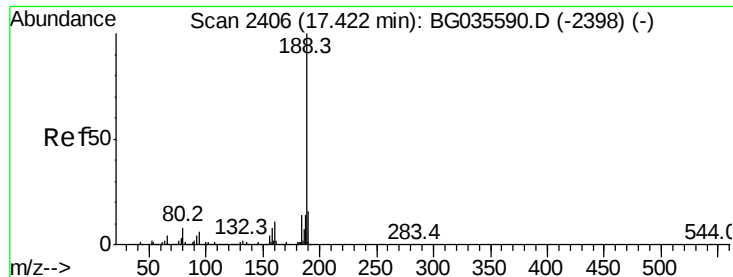
#56
 2,4-Dinitrotoluene
 Concen: 5.122 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036243.D
 Acq: 9 Aug 2018 21:33

Tgt Ion:165 Resp: 8945
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.8 66.9 100.3#
 182 0.0 2.6 3.8#



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

Instrument :

BNA_G

ClientSampleId :

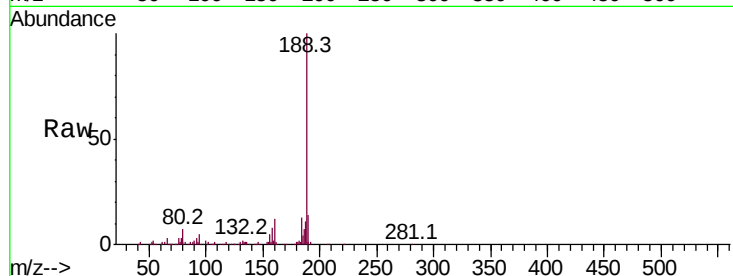
Tot Ion:188 Resp: 194085

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

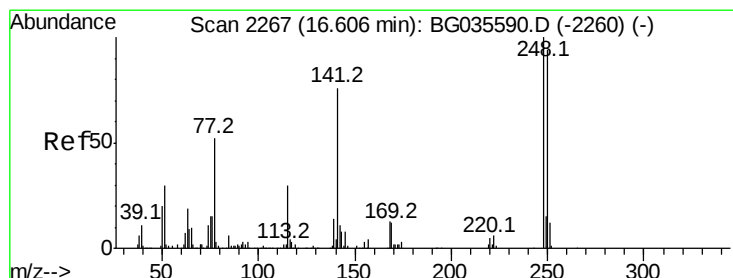
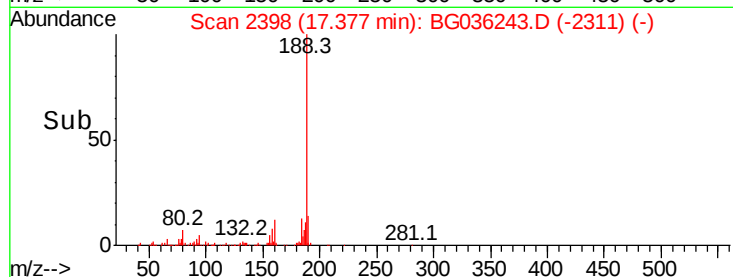
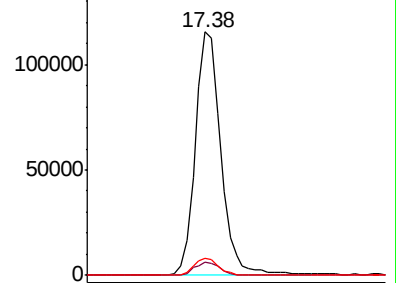
80 7.3 7.7 11.5#



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: 5.514 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

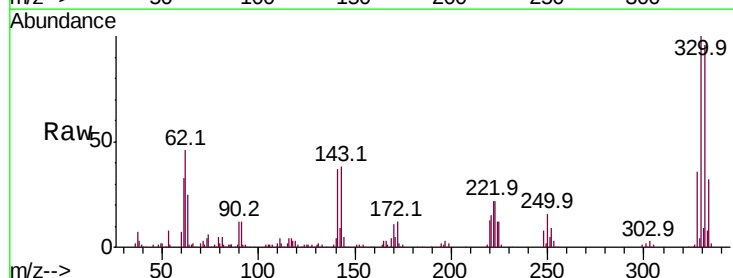
Tgt Ion:248 Resp: 12417

Ion Ratio Lower Upper

248 100

250 200.8 77.1 115.7#

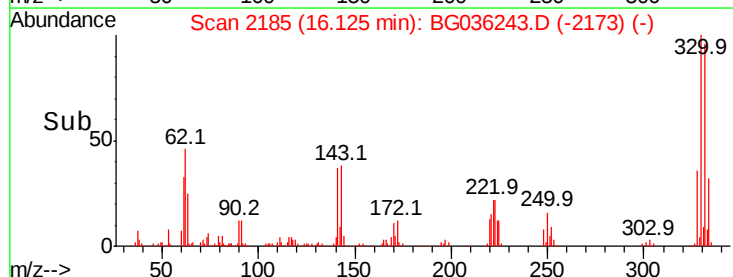
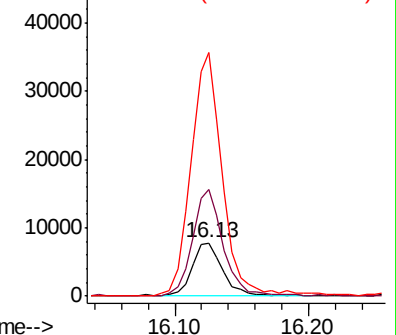
141 458.3 50.8 76.2#

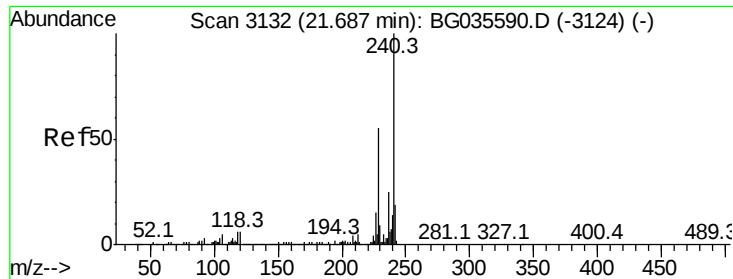


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036243.D

Acq: 9 Aug 2018 21:33

Instrument :

BNA_G

ClientSampleId :

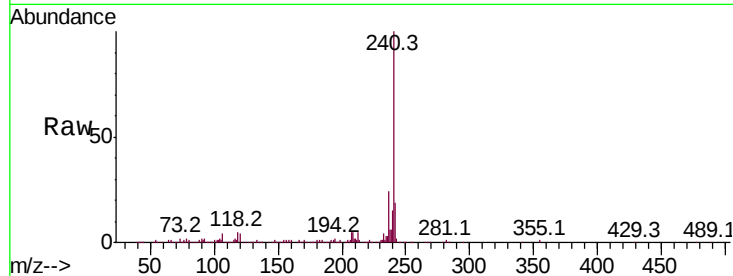
Tot Ion:240 Resp: 201658

Ion Ratio Lower Upper

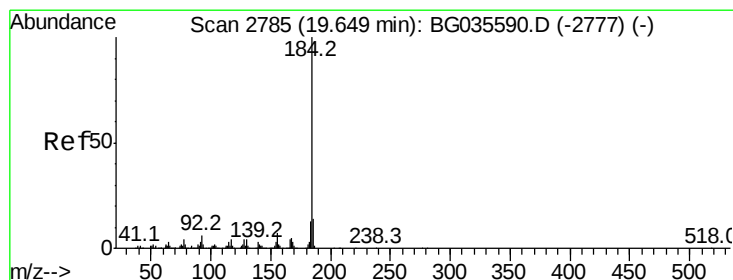
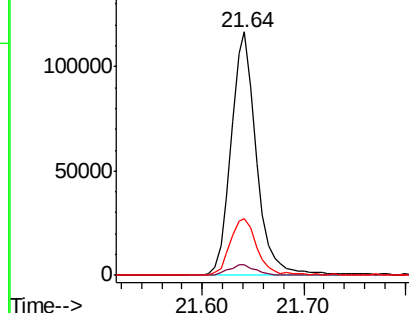
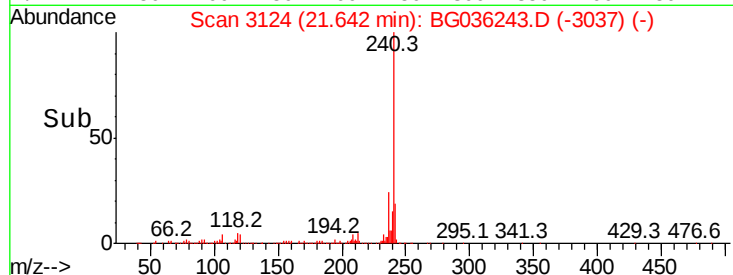
240 100

120 4.3 6.8 10.2#

236 23.5 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: 3.211 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036243.D

Acq: 9 Aug 2018 21:33

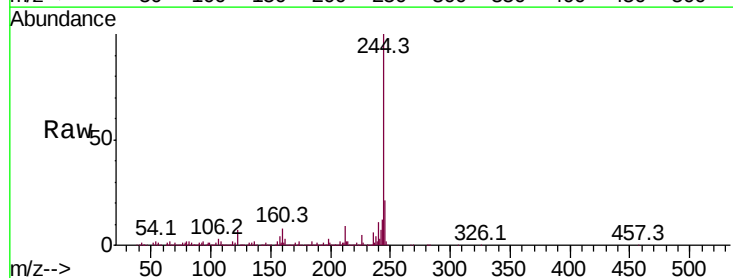
Tgt Ion:184 Resp: 17026

Ion Ratio Lower Upper

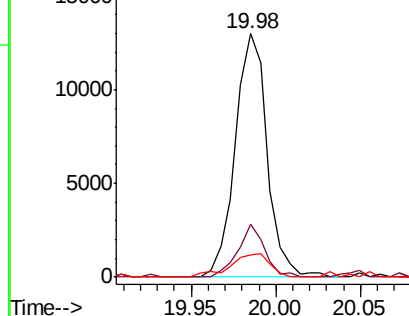
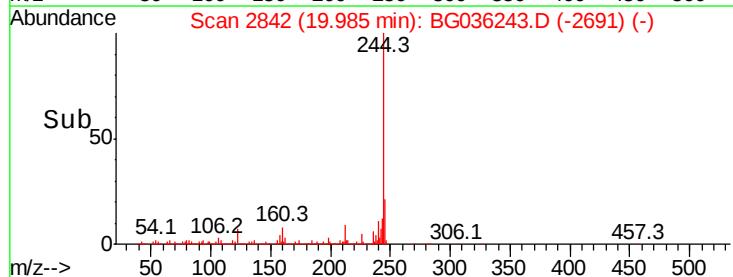
184 100

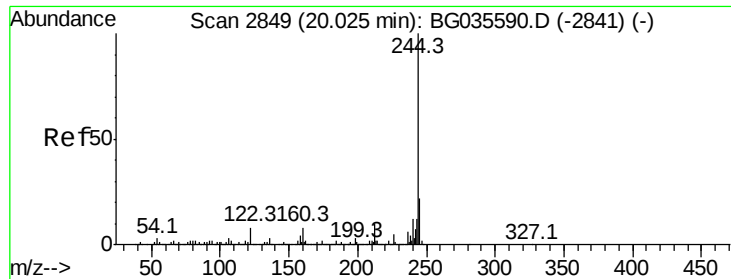
185 22.0 11.1 16.7#

183 9.3 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

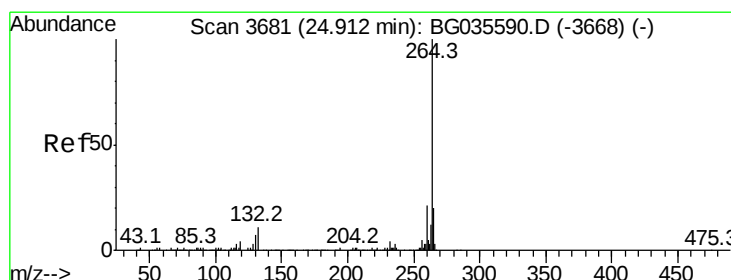
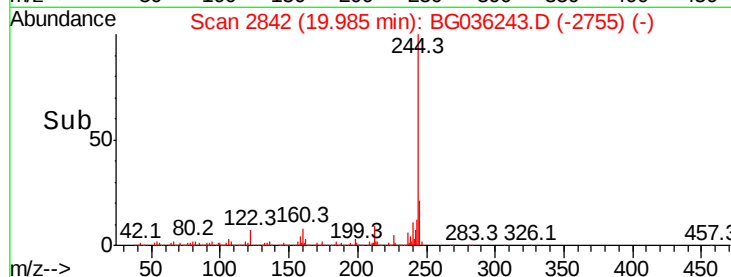
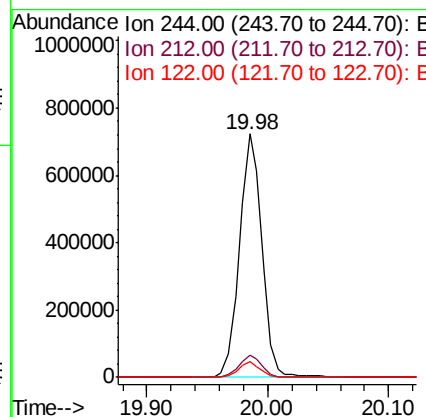
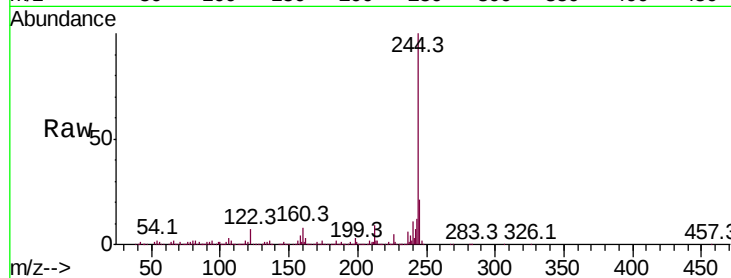




#78
 Terphenyl-d14
 Concen: 102.465 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036243.D
 Acq: 9 Aug 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 937392
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036243.D
 Acq: 9 Aug 2018 21:33

Tgt Ion:264 Resp: 189134
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 23.9 17.7 26.5

