

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
 Data File : BG036011.D
 Acq On : 31 Jul 2018 21:23
 Operator : JU/SJ
 Sample : J4218-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15-S

Quant Time: Aug 01 01:09:47 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

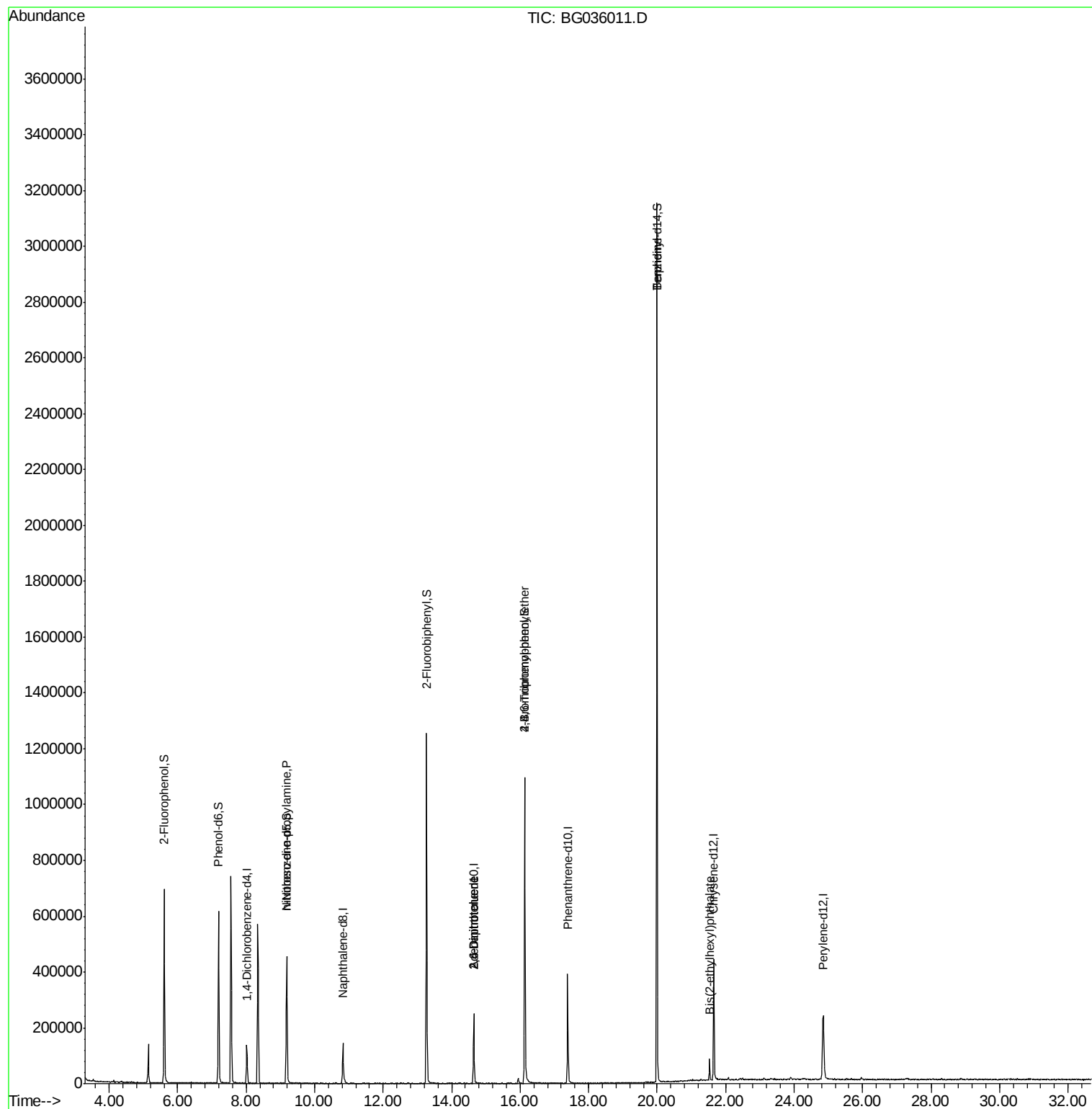
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39608	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129611	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	93448	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	270521	20.00	ng	0.00
75) Chrysene-d12	21.65	240	307442	20.00	ng	0.00
86) Perylene-d12	24.84	264	288114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	301802	126.51	ng	0.00
7) Phenol-d6	7.19	99	383975	107.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	319199	102.88	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	214811	174.40	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	708962	101.64	ng	-0.01
78) Terphenyl-d14	20.00	244	1474778	105.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	43381	14.473	ng	# 64
50) 2,6-Dinitrotoluene	14.65	165	12148	7.286	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	12148	5.079	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	18450	5.879	ng	# 1
76) Benzidine	20.00	184	27085	3.351	ng	# 90
83) Bis(2-ethylhexyl)phthalate	21.53	149	32389	3.427	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036011.D
Acq On : 31 Jul 2018 21:23
Operator : JU/SJ
Sample : J4218-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Quant Time: Aug 01 01:09:47 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



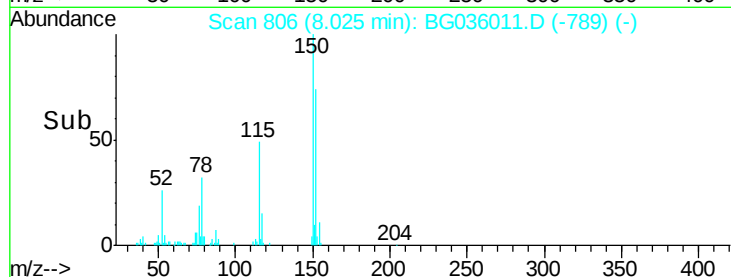
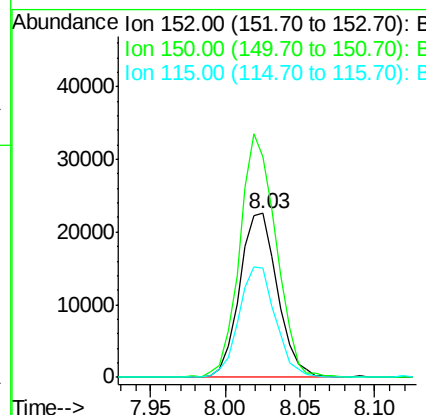
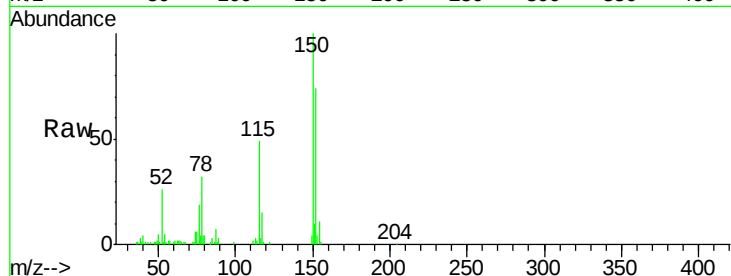


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampled :
TP-15-S

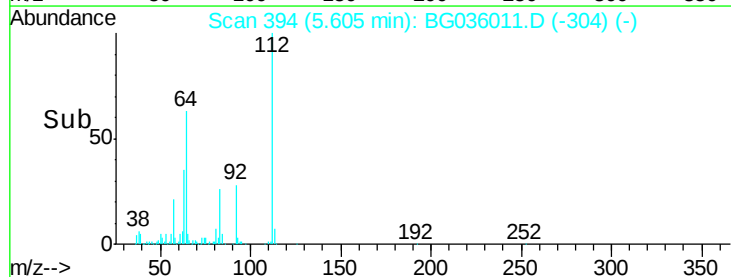
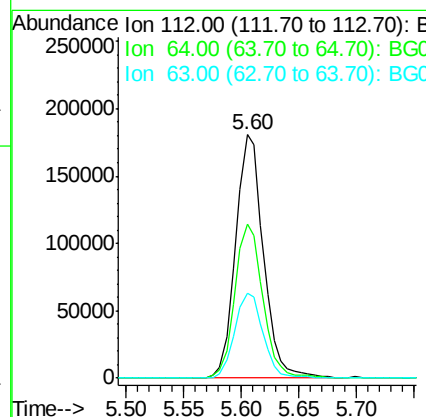
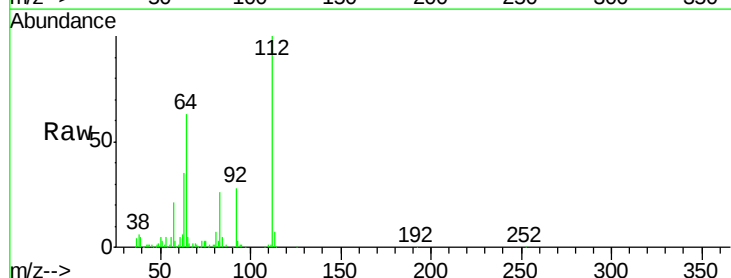
Tgt Ion:152 Resp: 39608
Ion Ratio Lower Upper
152 100
150 134.6 126.6 189.8
115 66.3 53.0 79.4



#5

2-Fluorophenol
Concen: 126.505 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:112 Resp: 301802
Ion Ratio Lower Upper
112 100
64 63.5 56.3 84.5
63 35.1 30.1 45.1





#7

Phenol-d6

Concen: 107.876 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

TP-15-S

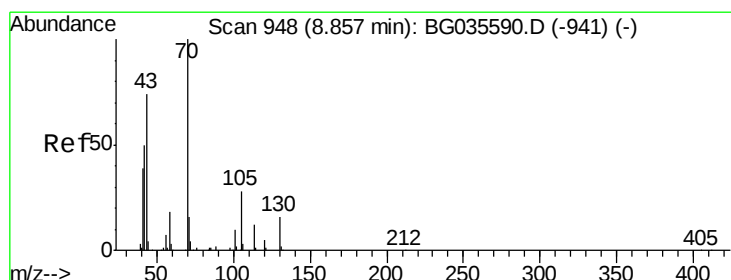
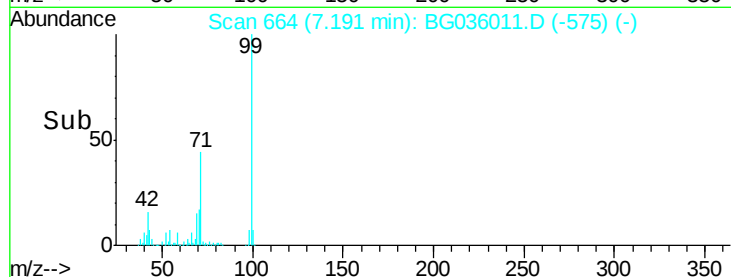
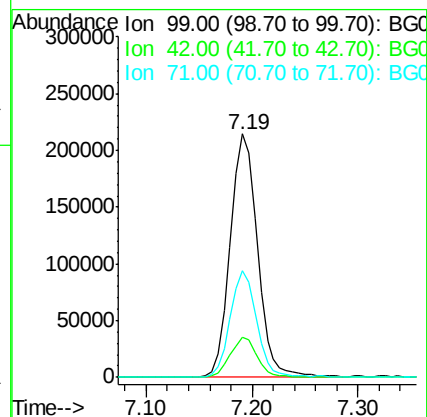
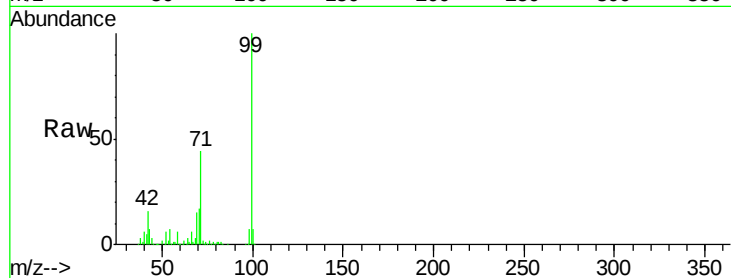
Tgt Ion: 99 Resp: 383975

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 43.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.473 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Tgt Ion: 70 Resp: 43381

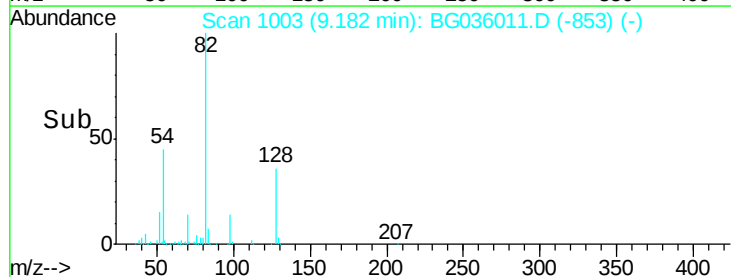
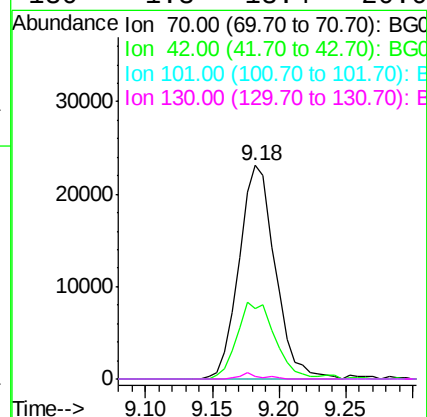
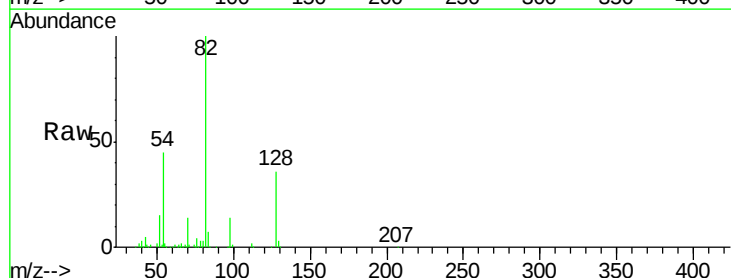
Ion Ratio Lower Upper

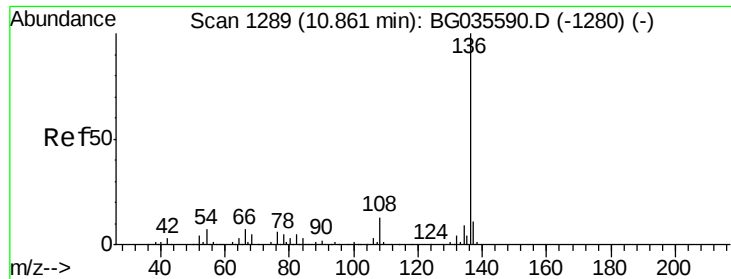
70 100

42 33.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

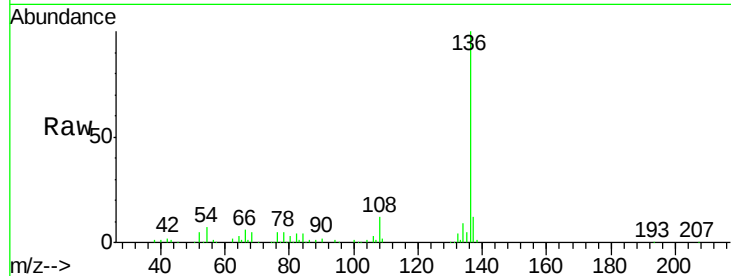




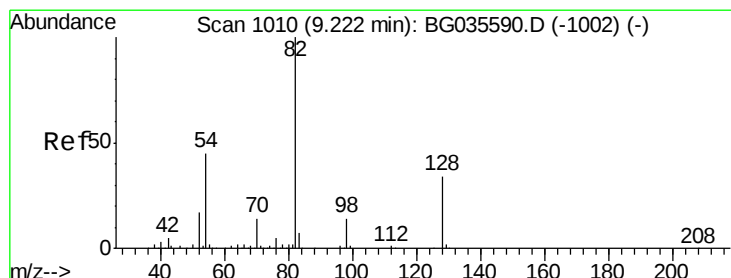
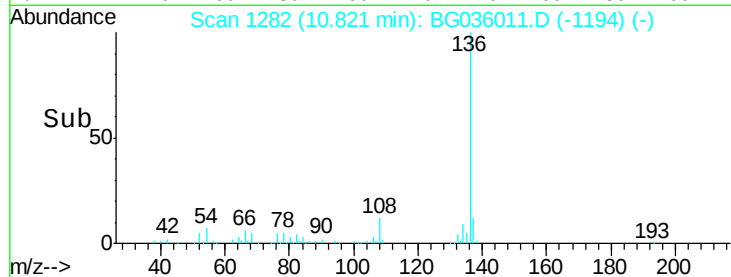
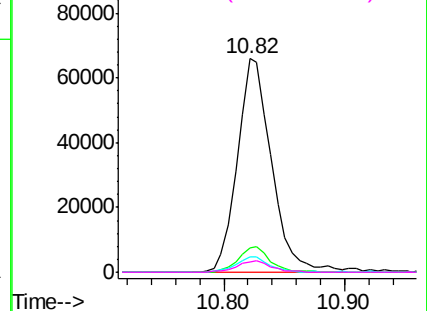
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:	136	Resp:	129611
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.3	10.3	15.5
68	5.0	4.5	6.7

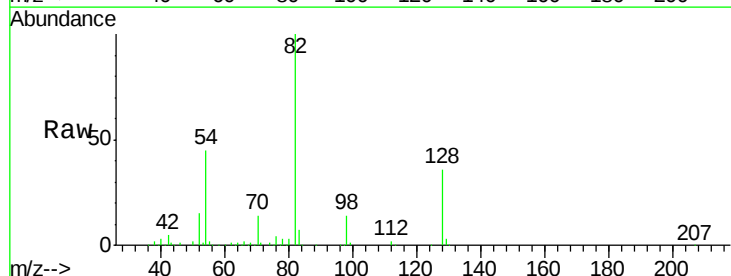


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

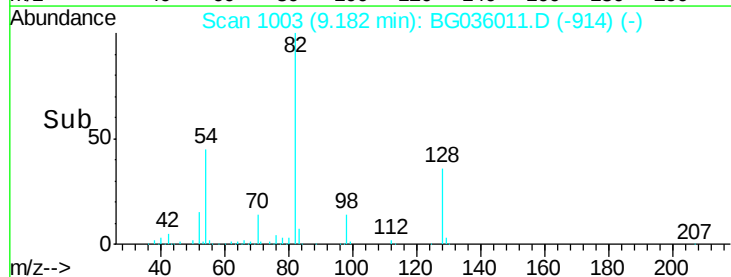
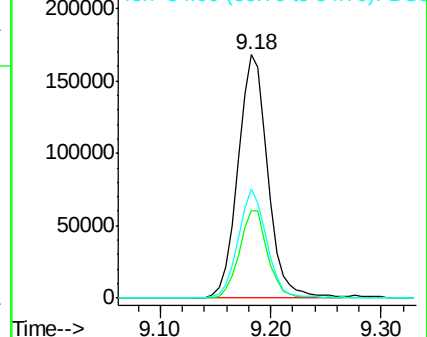


#23
Nitrobenzene-d5
Concen: 102.881 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:	82	Resp:	319199
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	44.7	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

TP-15-S

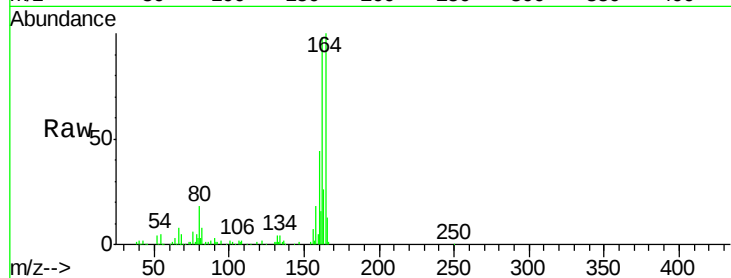
Tgt Ion:164 Resp: 93448

Ion Ratio Lower Upper

164 100

162 98.0 78.8 118.2

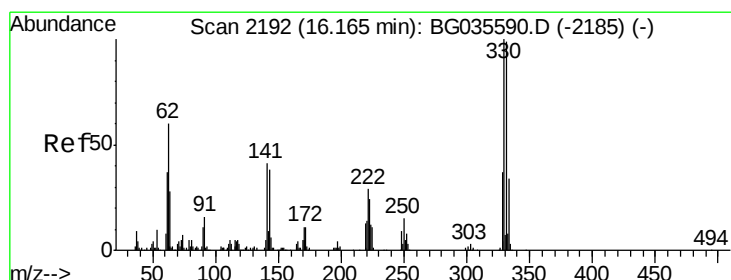
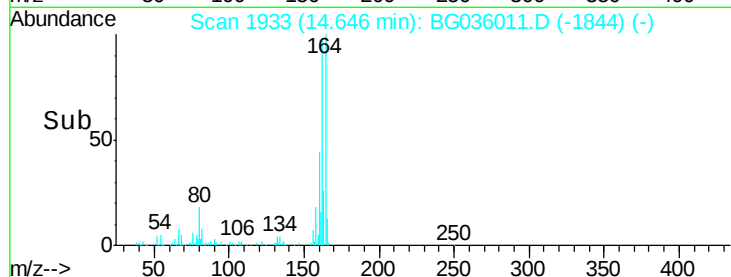
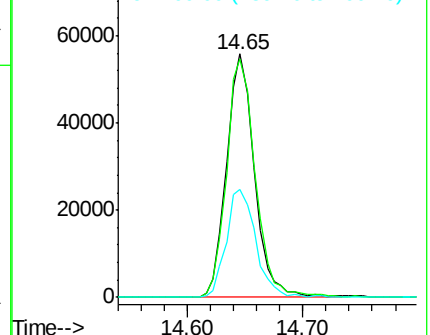
160 44.4 35.4 53.0



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: 174.401 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

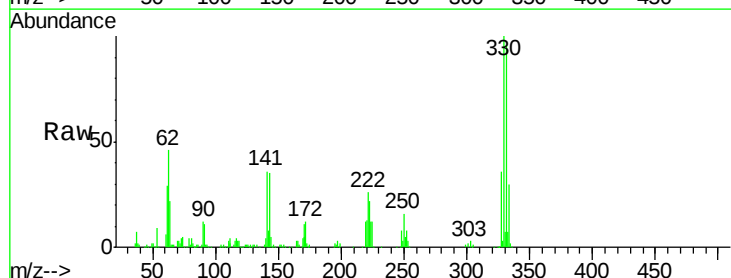
Tgt Ion:330 Resp: 214811

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

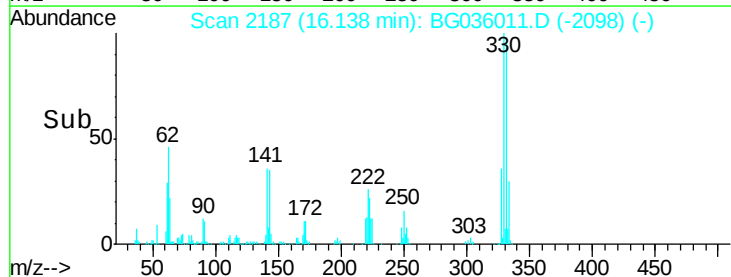
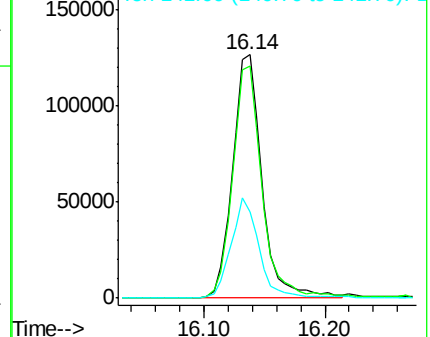
141 38.7 25.2 37.8#

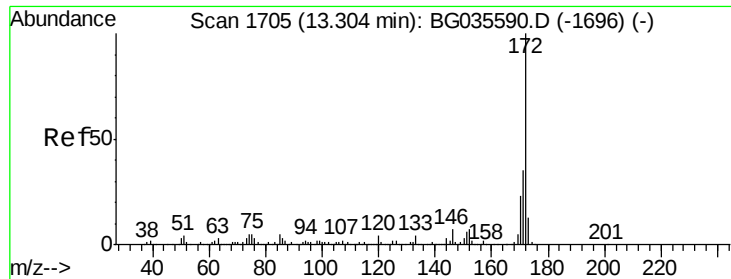


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.642 ng

RT: 13.27 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

TP-15-S

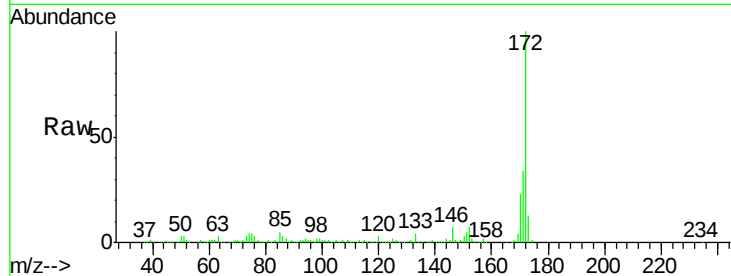
Tgt Ion:172 Resp: 708962

Ion Ratio Lower Upper

172 100

171 33.5 30.0 45.0

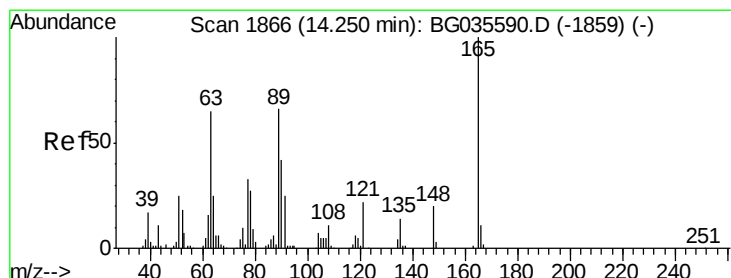
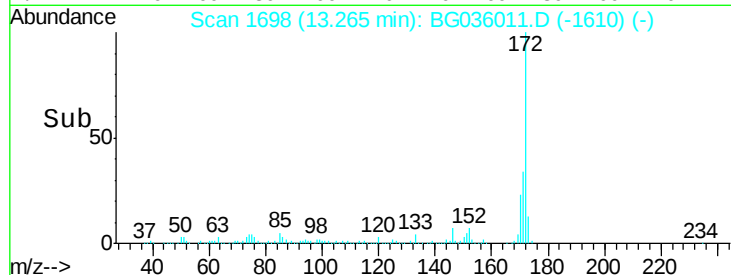
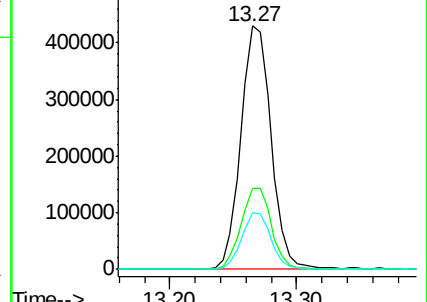
170 23.3 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 7.286 ng

RT: 14.65 min Scan# 1933

Delta R.T. 0.42 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

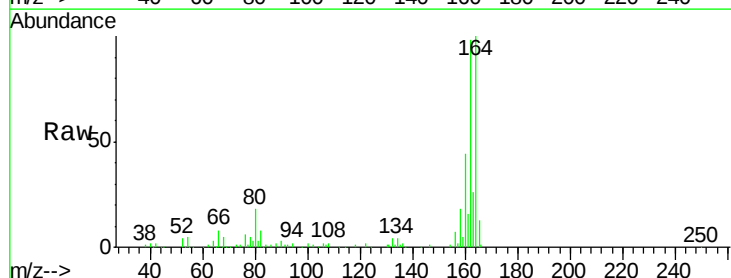
Tgt Ion:165 Resp: 12148

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

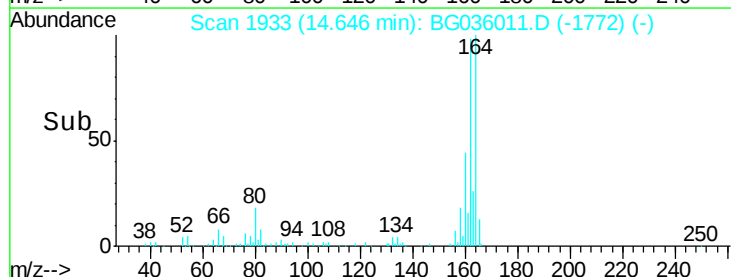
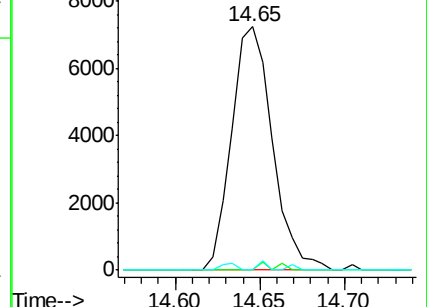
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#56

2,4-Dinitrotoluene

Concen: 5.079 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

TP-15-S

Tgt Ion:165 Resp: 12148

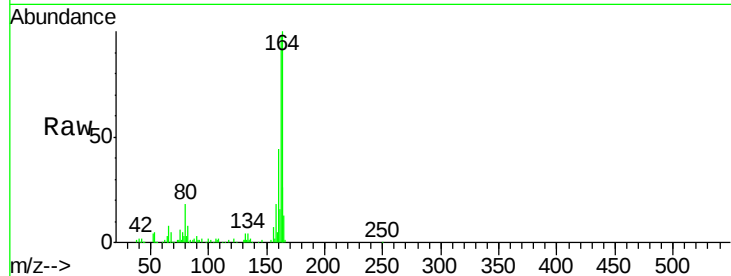
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

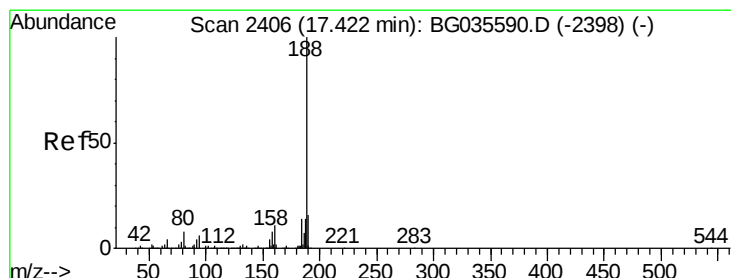
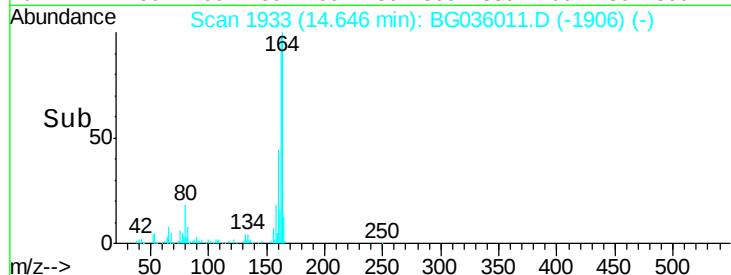
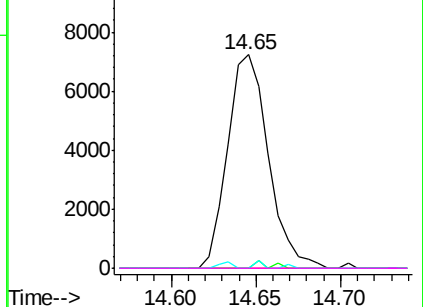


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.39 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

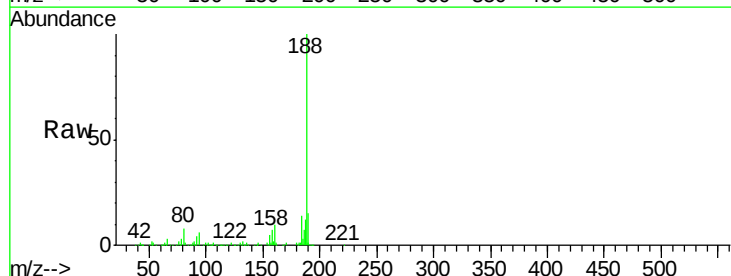
Tgt Ion:188 Resp: 270521

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

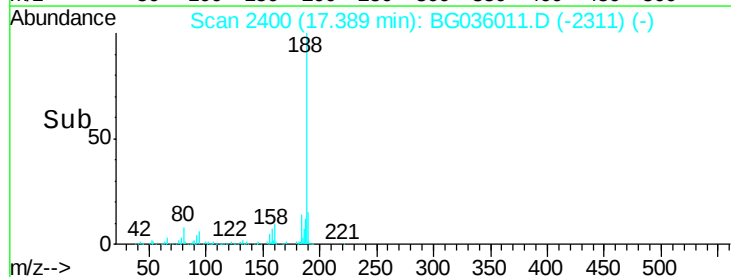
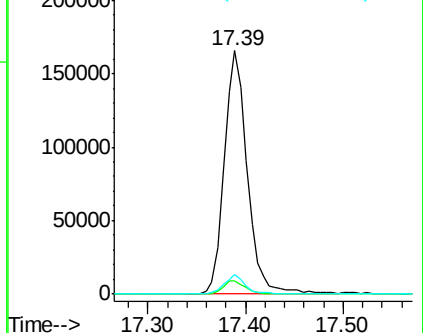
80 8.3 7.7 11.5

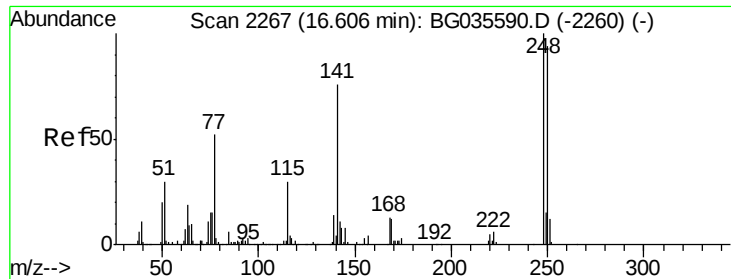


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

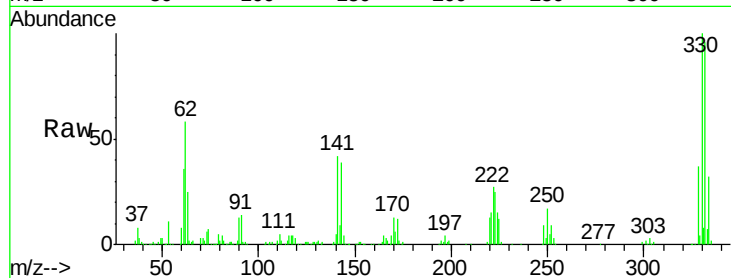




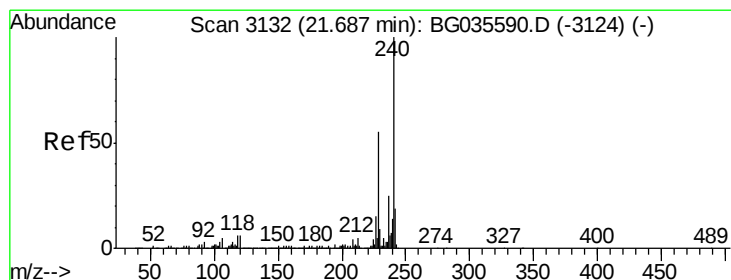
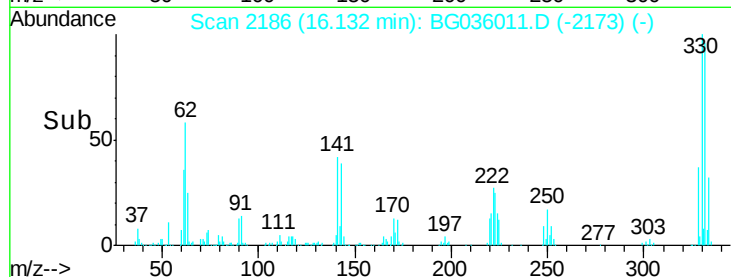
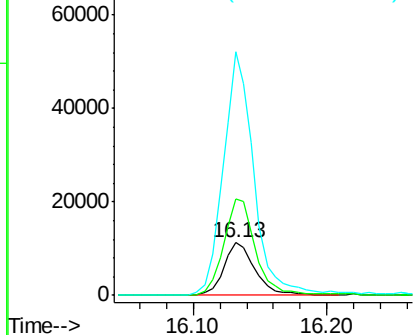
#66
 4-Bromophenyl-phenylether
 Concen: 5.879 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.45 min
 Lab File: BG036011.D
 Acq: 31 Jul 2018 21:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-15-S

Tgt Ion:248 Resp: 18450
 Ion Ratio Lower Upper
 248 100
 250 185.1 77.1 115.7#
 141 465.6 50.8 76.2#

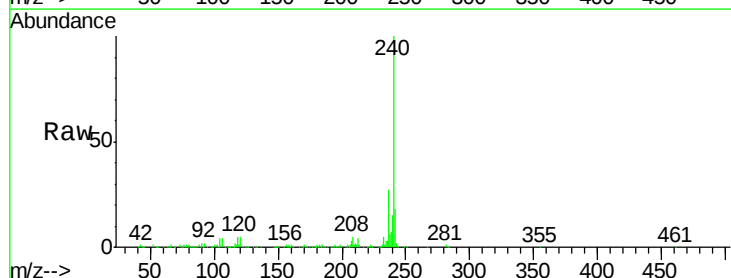


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

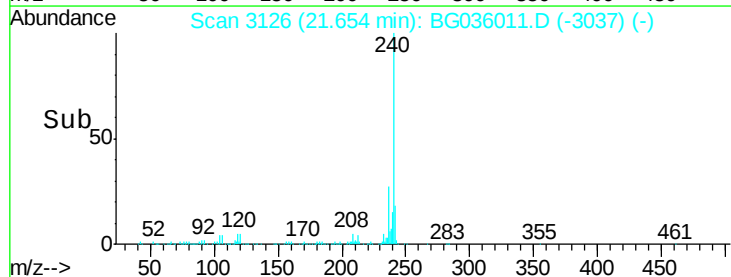
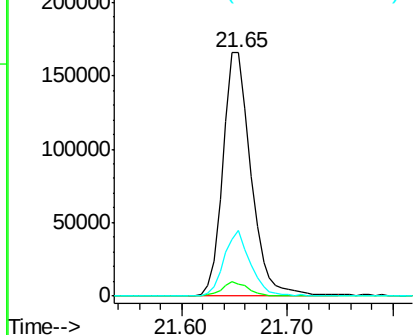


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036011.D
 Acq: 31 Jul 2018 21:23

Tgt Ion:240 Resp: 307442
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 26.8 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: 3.351 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Instrument :

BNA_G

ClientSampled :

TP-15-S

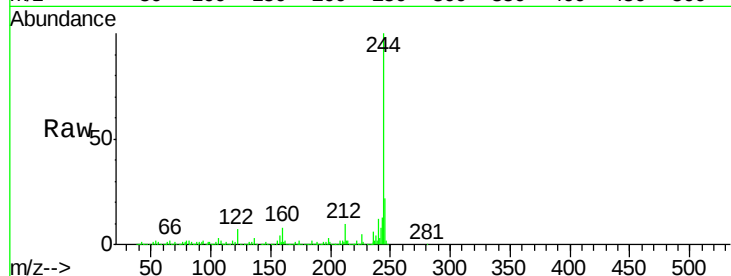
Tgt Ion:184 Resp: 27085

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

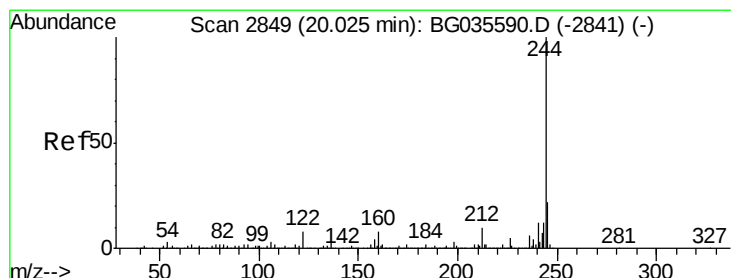
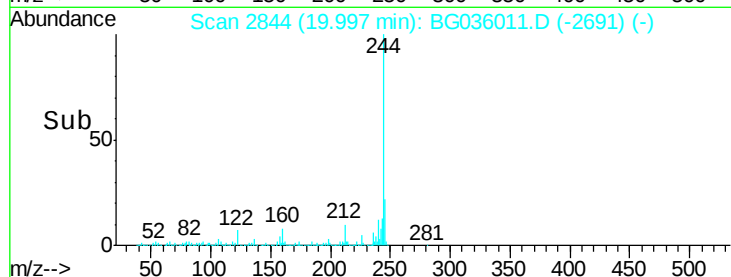
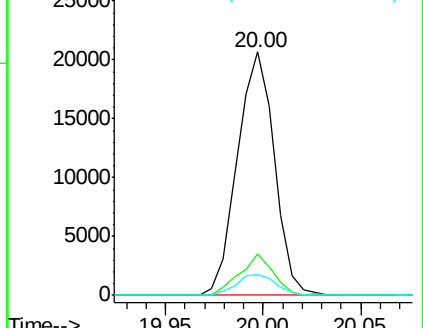
183 8.4 10.6 16.0#



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: 105.739 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

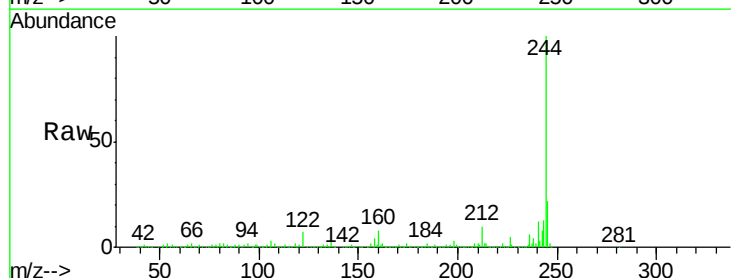
Tgt Ion:244 Resp: 1474778

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

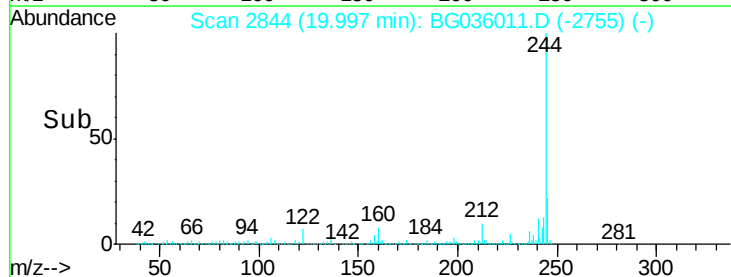
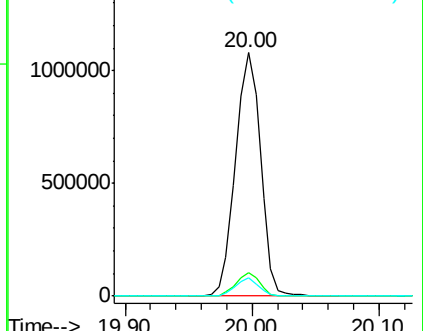
122 7.3 7.0 10.4

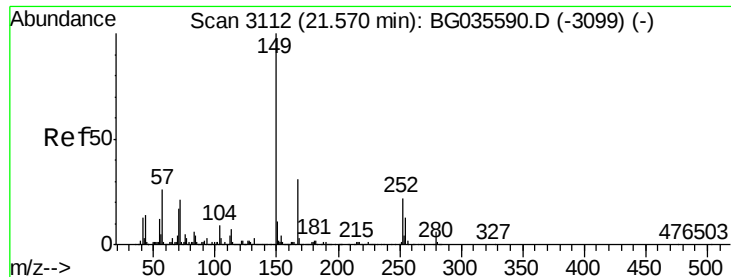


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.427 ng

RT: 21.53 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

TP-15-S

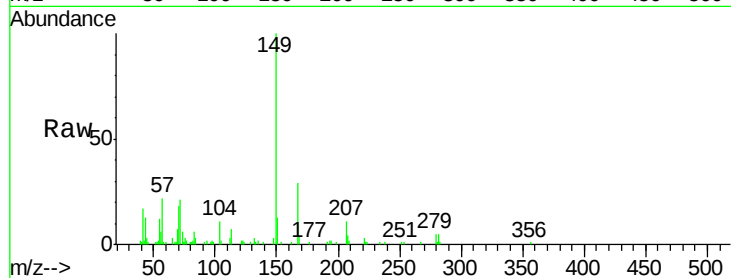
Tgt Ion:149 Resp: 32389

Ion Ratio Lower Upper

149 100

167 28.9 24.3 36.5

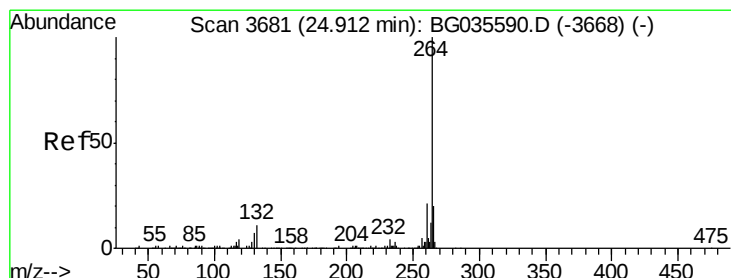
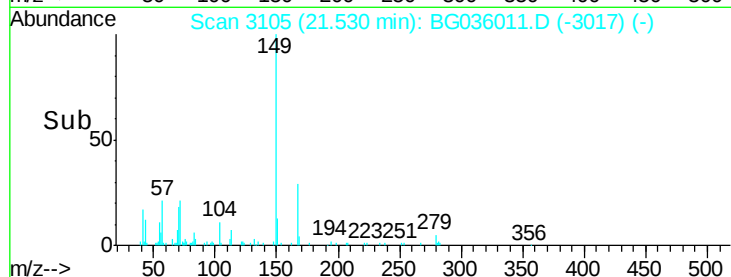
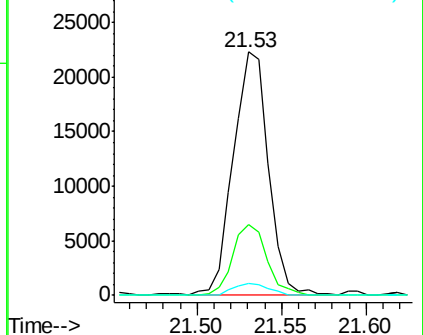
279 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036011.D

Acq: 31 Jul 2018 21:23

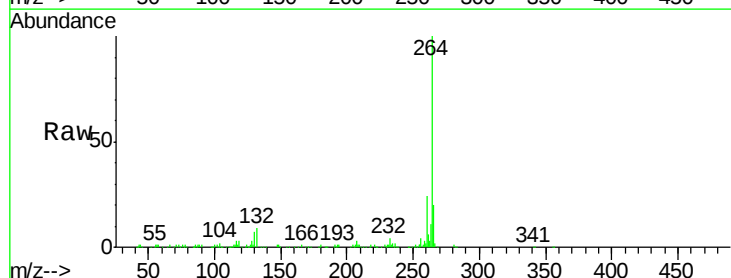
Tgt Ion:264 Resp: 288114

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 20.2 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

