

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037181.D
 Acq On : 5 Oct 2018 9:19
 Operator : JU/SJ
 Sample : J5241-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-D-B

Quant Time: Oct 05 11:05:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

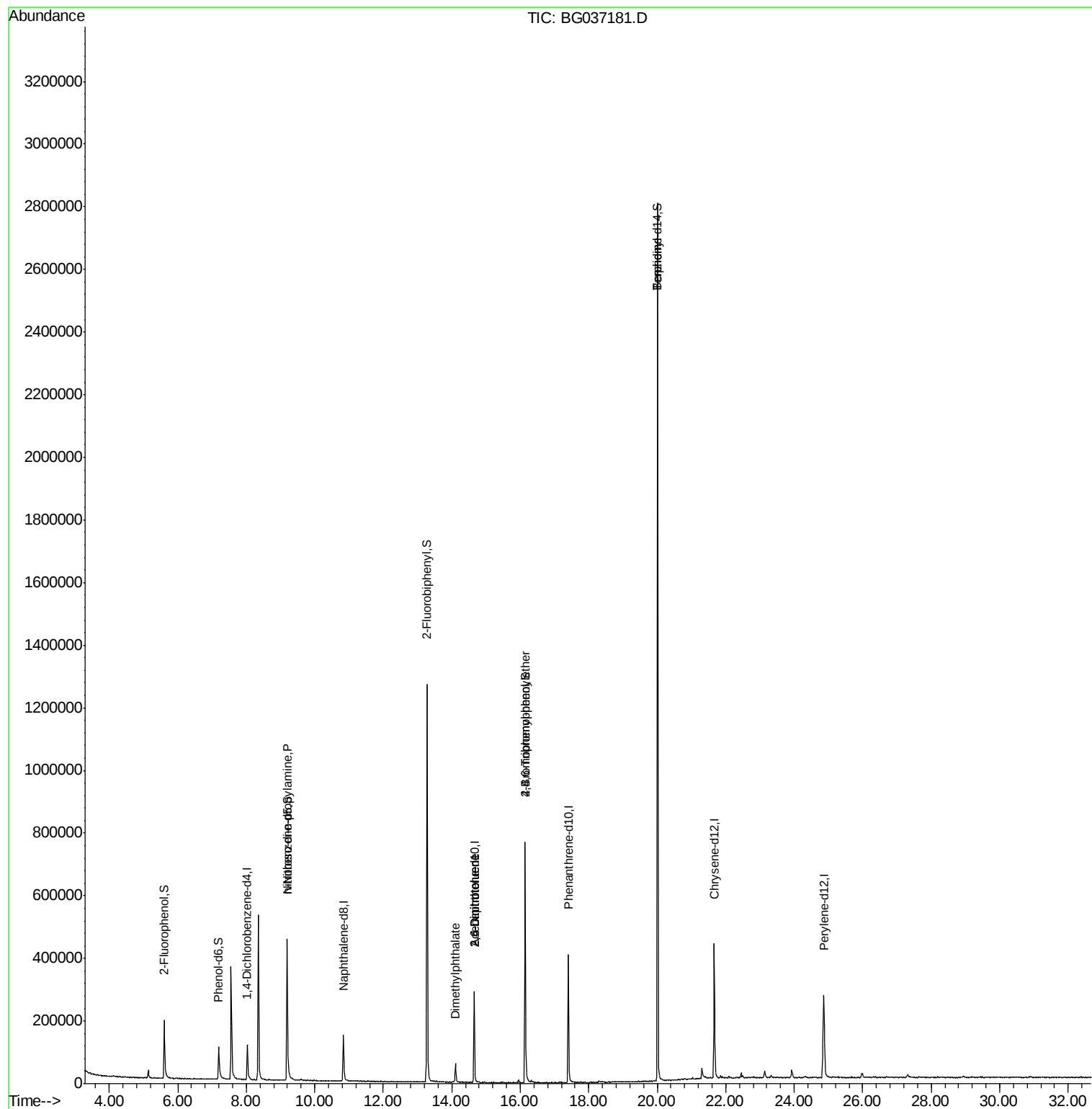
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38961	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	158432	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	107055	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	293243	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	293534	20.00	ng	-0.02
86) Perylene-d12	24.86	264	289233	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	102305	50.36	ng	-0.02
7) Phenol-d6	7.20	99	83143	26.45	ng	-0.02
23) Nitrobenzene-d5	9.19	82	337084	113.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	145515	113.61	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	699373	97.30	ng	-0.02
78) Terphenyl-d14	20.01	244	1351055	121.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	44435	16.994	ng	Qvalue # 74
49) Dimethylphthalate	14.11	163	50735	5.888	ng	100
50) 2,6-Dinitrotoluene	14.65	165	13946	7.418	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	13946	5.316	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	10533	3.158	ng	# 1
76) Benzidine	20.01	184	25199	2.840	ng	# 92

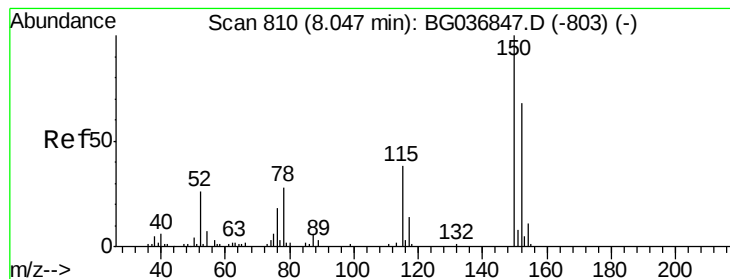
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-D-B

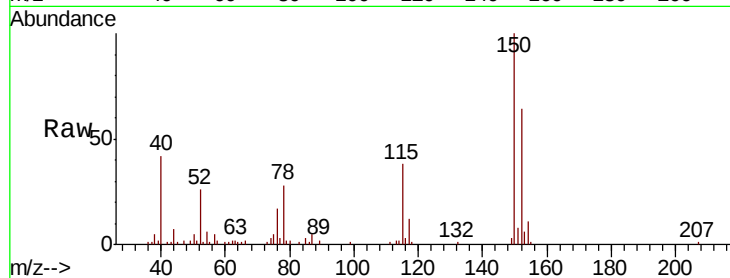
Tot Ion:152 Resp: 38961

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

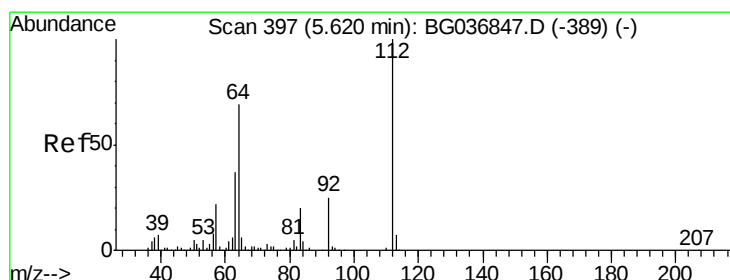
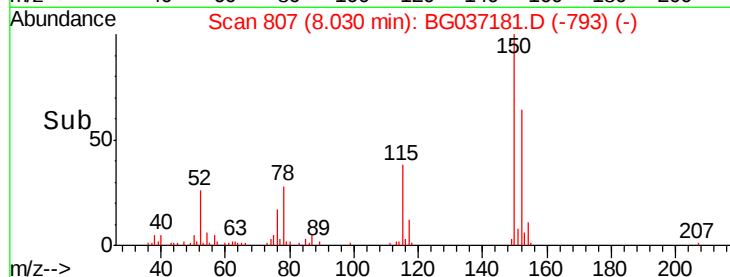
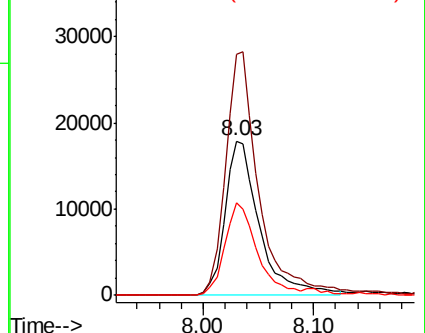
115 59.9 44.5 66.7



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: 50.358 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

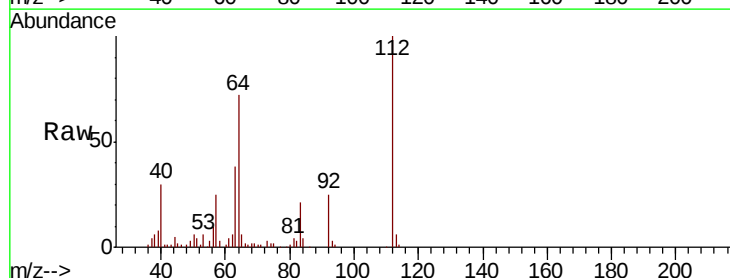
Tgt Ion:112 Resp: 102305

Ion Ratio Lower Upper

112 100

64 71.7 57.2 85.8

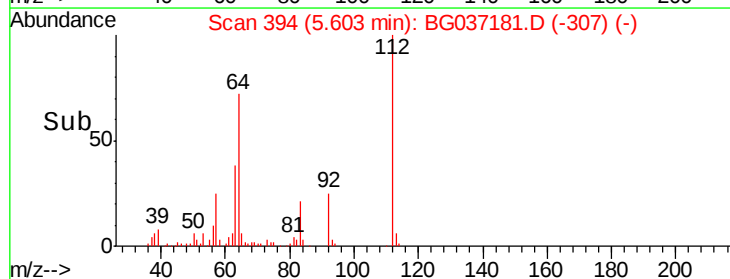
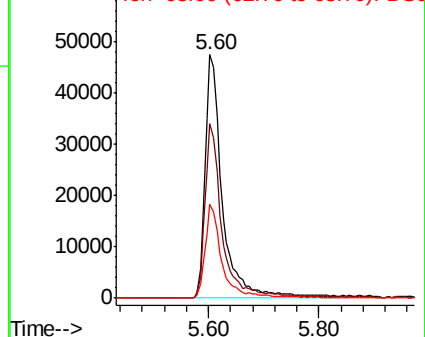
63 38.4 30.8 46.2

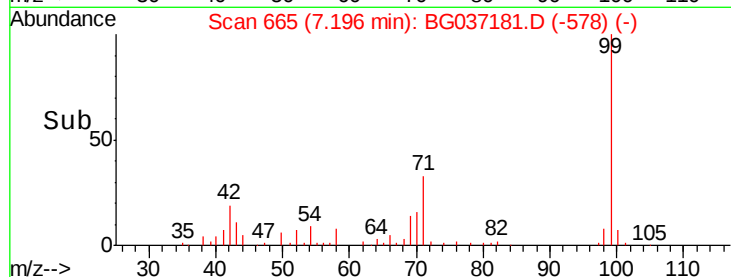
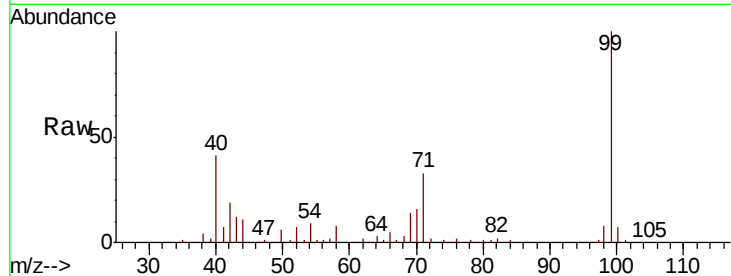


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.452 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-D-B

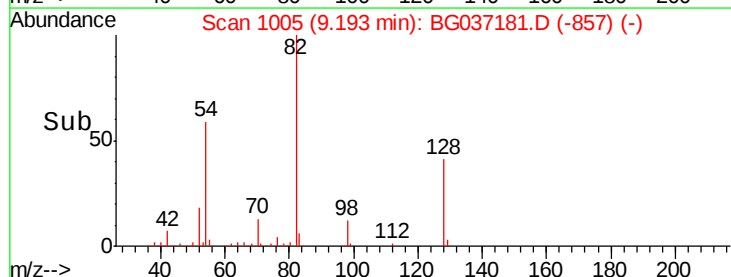
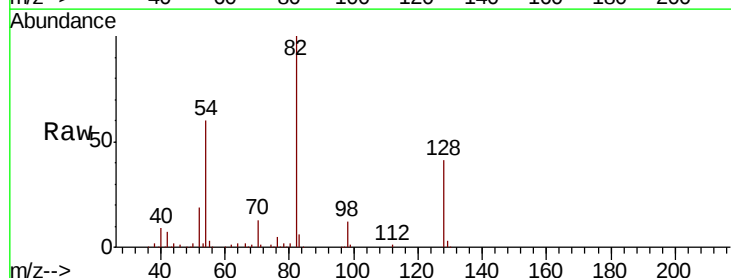
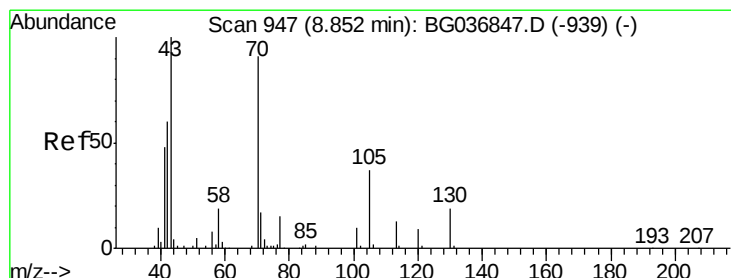
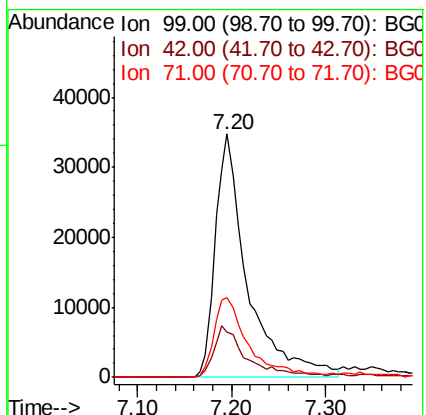
Tot Ion: 99 Resp: 83143

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

71 32.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.994 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Tgt Ion: 70 Resp: 44435

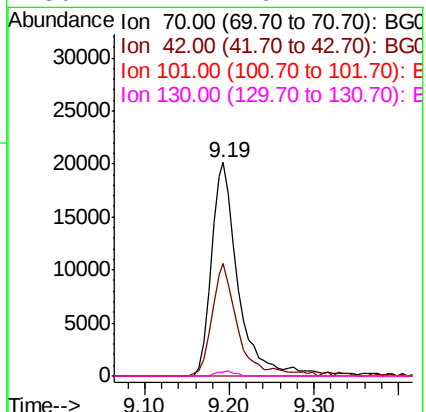
Ion Ratio Lower Upper

70 100

42 52.5 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#

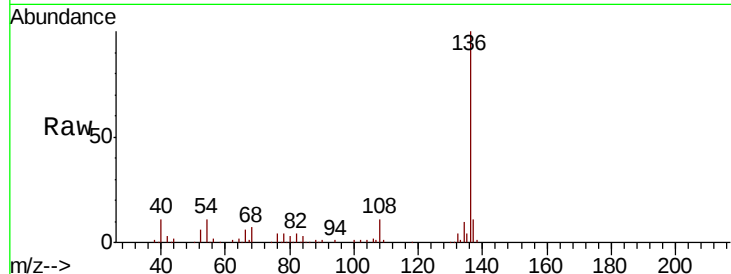




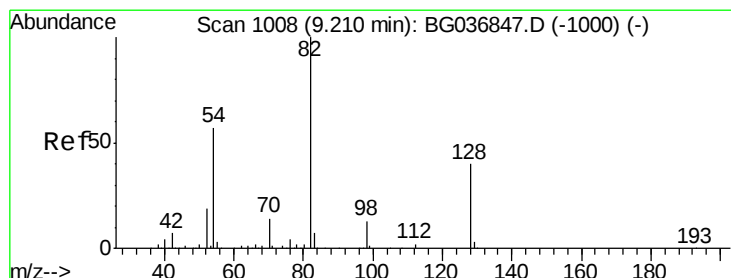
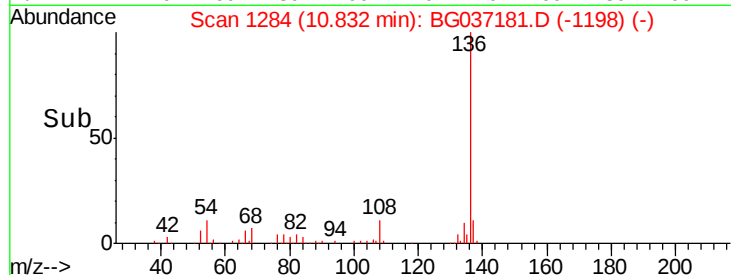
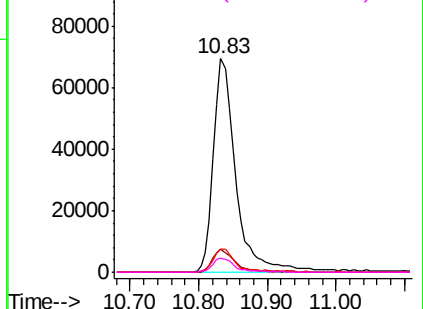
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037181.D
Acq: 5 Oct 2018 9:19

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-D-B

Tot Ion:136	Resp:	158432
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	10.5	9.2 13.8
68	6.9	5.8 8.6

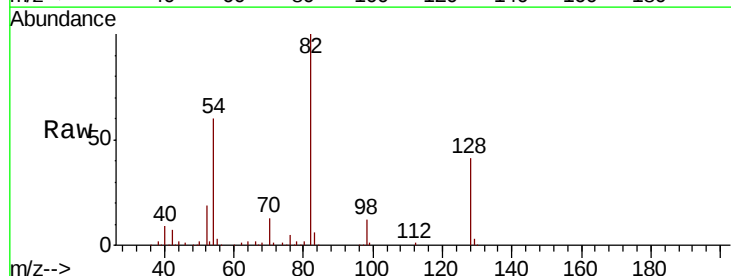


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

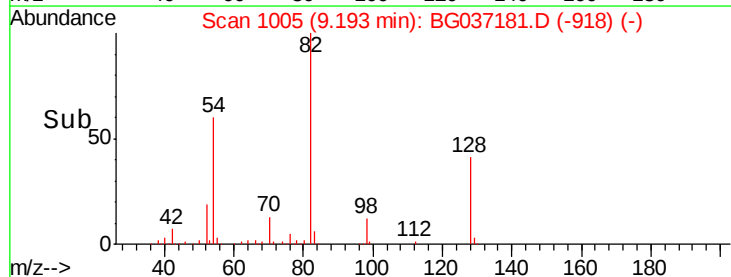
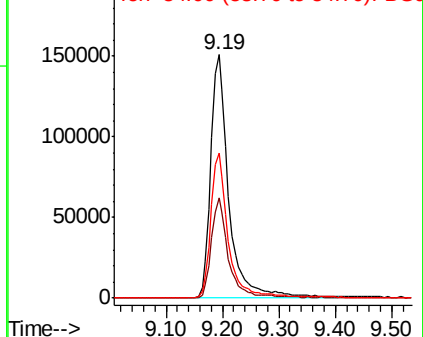


#23
Nitrobenzene-d5
Concen: 113.937 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037181.D
Acq: 5 Oct 2018 9:19

Tgt Ion: 82	Resp:	337084
Ion	Ratio	Lower Upper
82	100	
128	41.2	33.3 49.9
54	59.5	45.1 67.7



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: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-D-B

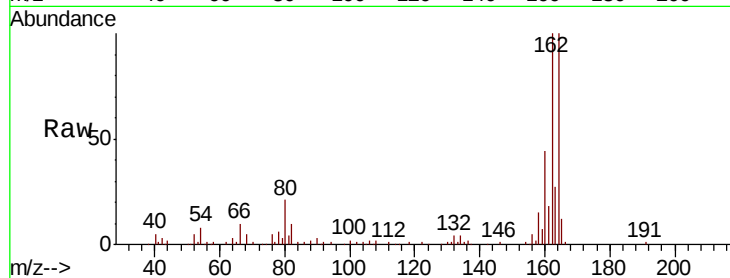
Tot Ion:164 Resp: 107055

Ion Ratio Lower Upper

164 100

162 100.5 80.7 121.1

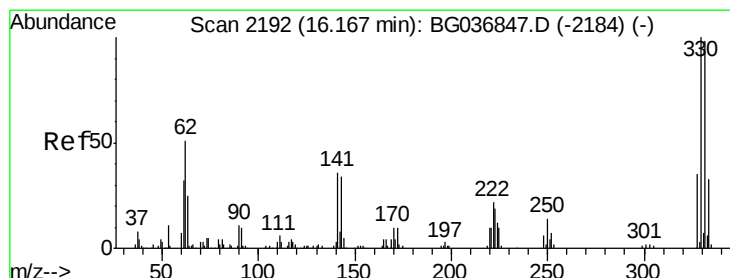
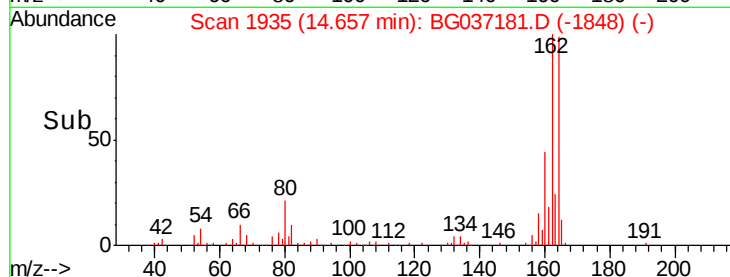
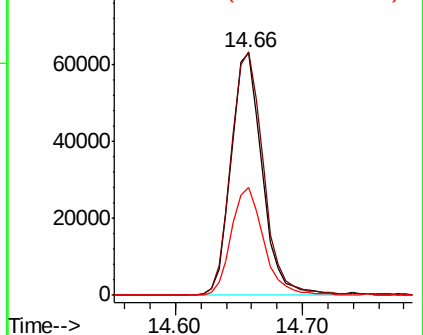
160 44.4 35.3 52.9



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: 113.608 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

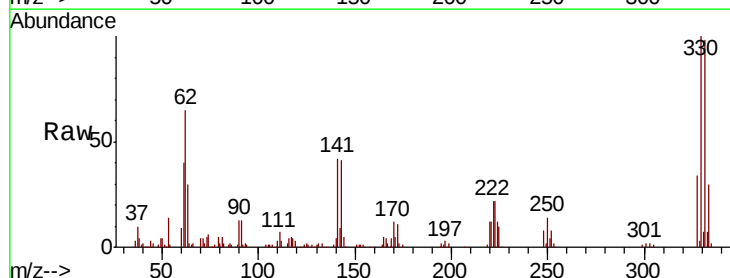
Tgt Ion:330 Resp: 145515

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

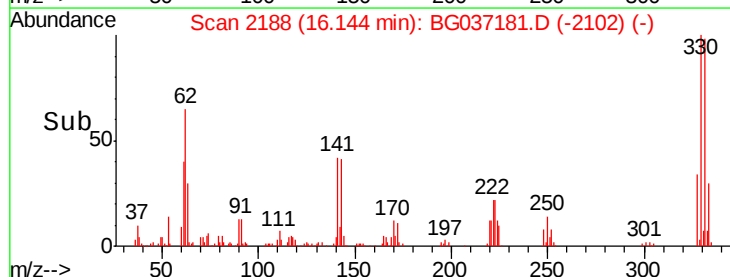
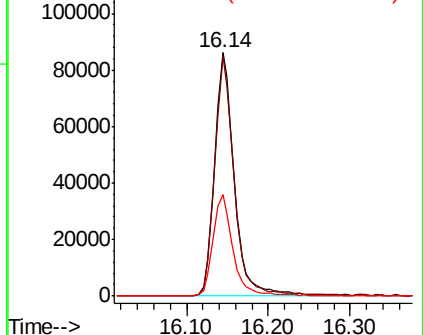
141 41.9 30.7 46.1



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

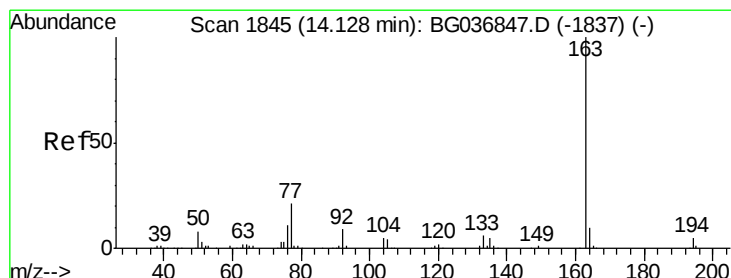
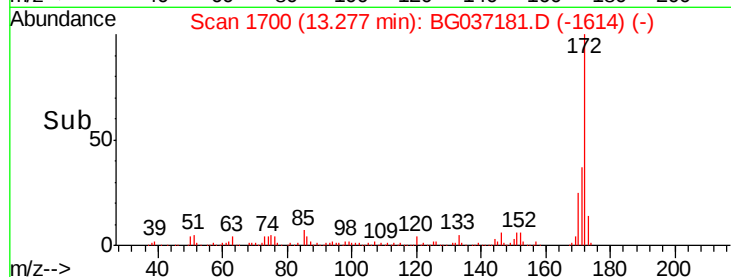
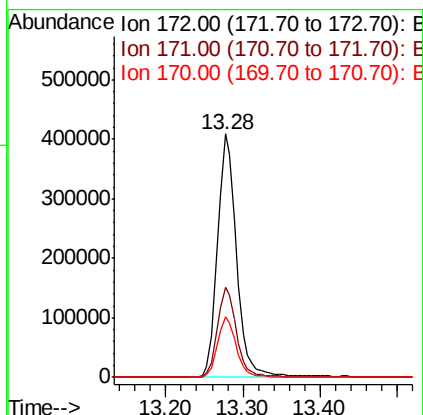
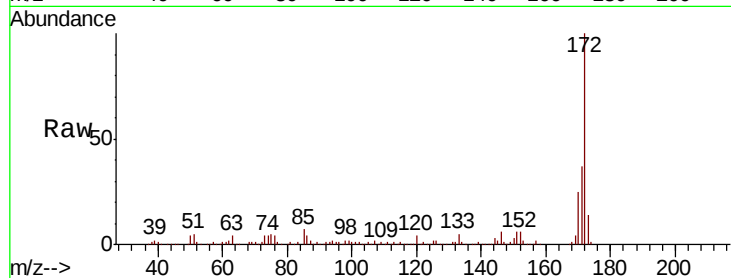




#44
2-Fluorobiphenyl
Concen: 97.299 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037181.D
Acq: 5 Oct 2018 9:19

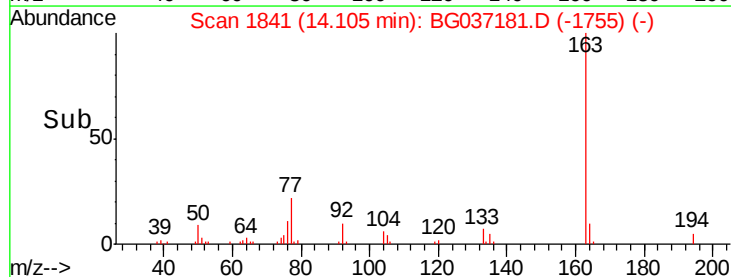
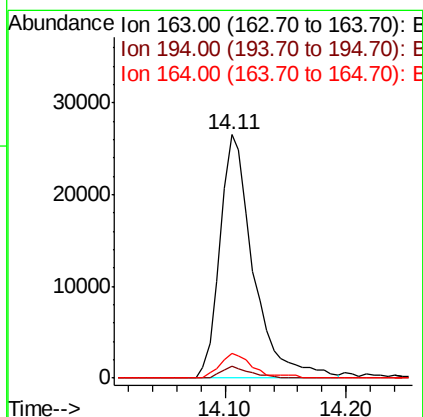
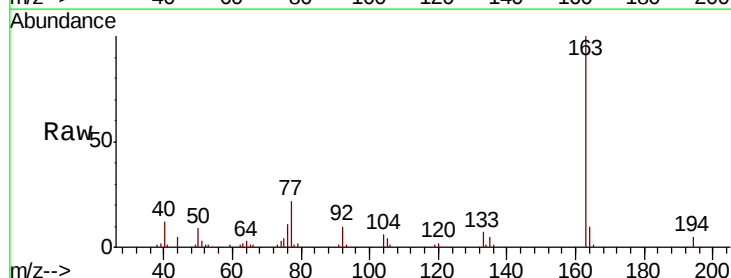
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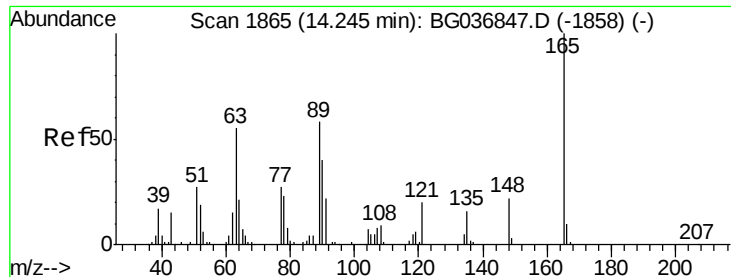
Tot Ion:172 Resp: 699373
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.8 21.0 31.6



#49
Dimethylphthalate
Concen: 5.888 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037181.D
Acq: 5 Oct 2018 9:19

Tgt Ion:163 Resp: 50735
Ion Ratio Lower Upper
163 100
194 5.1 4.0 6.0
164 10.3 8.1 12.1

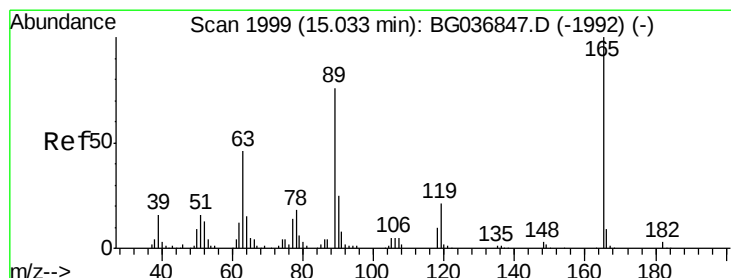
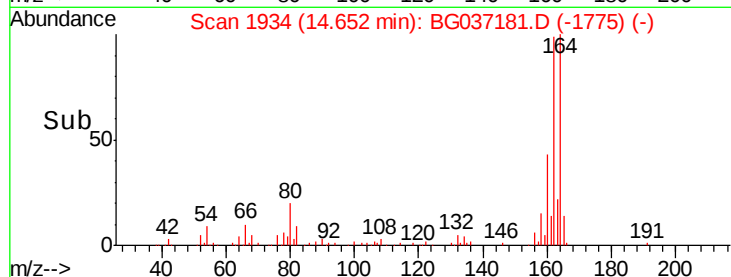
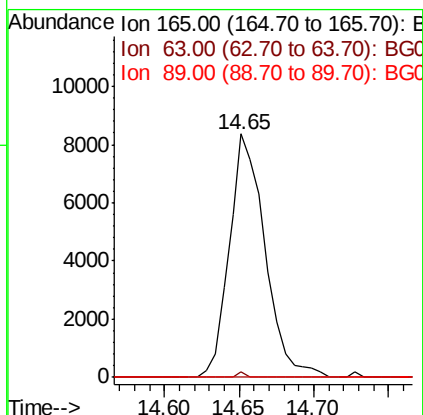
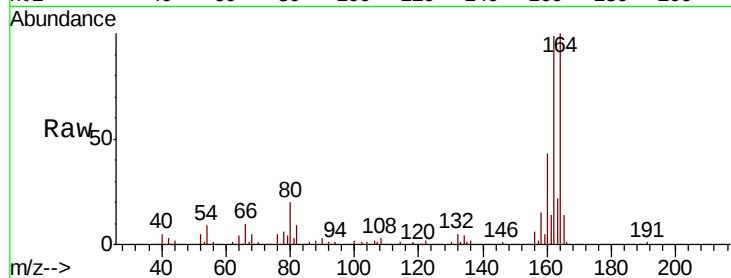




#50
 2,6-Dinitrotoluene
 Concen: 7.418 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.41 min
 Lab File: BG037181.D
 Acq: 5 Oct 2018 9:19

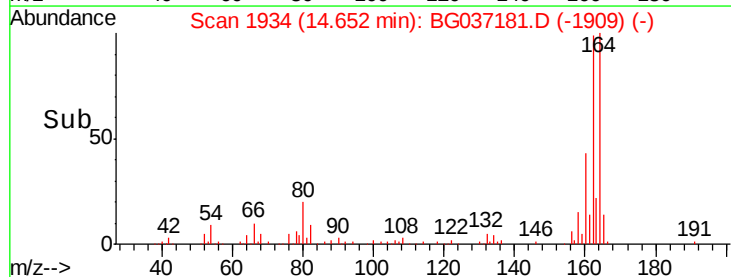
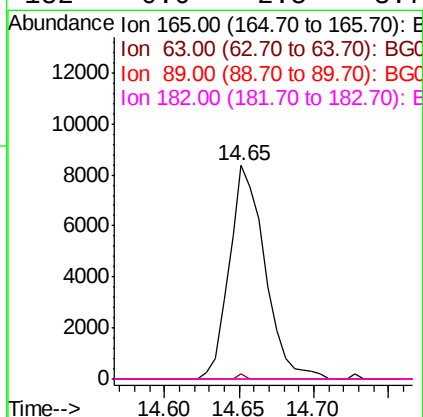
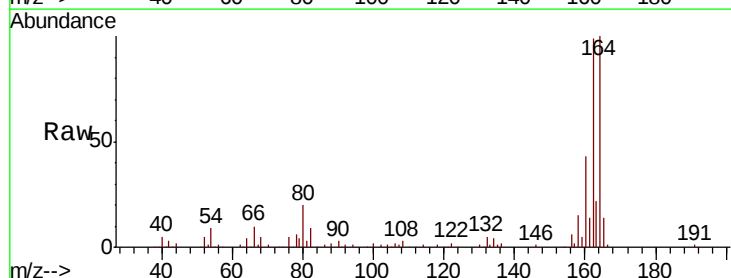
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 100218-JETT-E-D-B

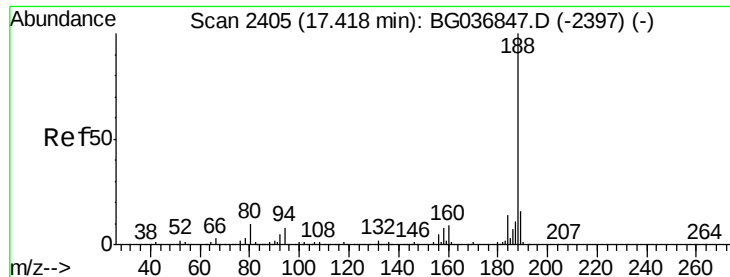
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.1	75.1#
89	0.0	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.316 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037181.D
 Acq: 5 Oct 2018 9:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-D-B

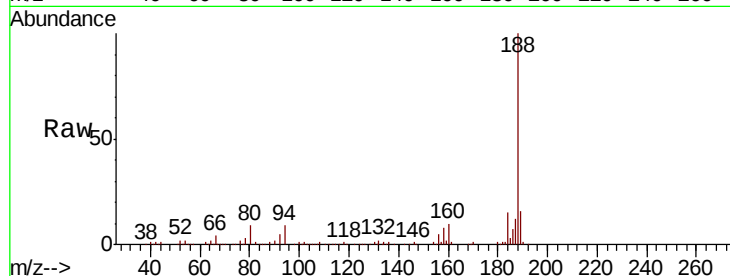
Tot Ion:188 Resp: 293243

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

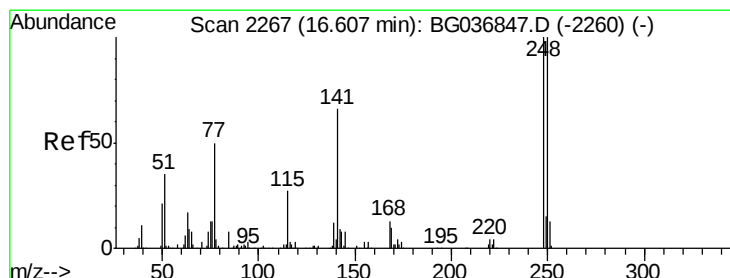
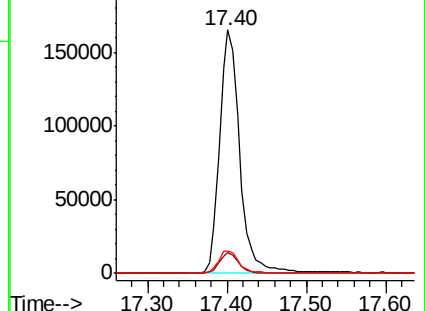
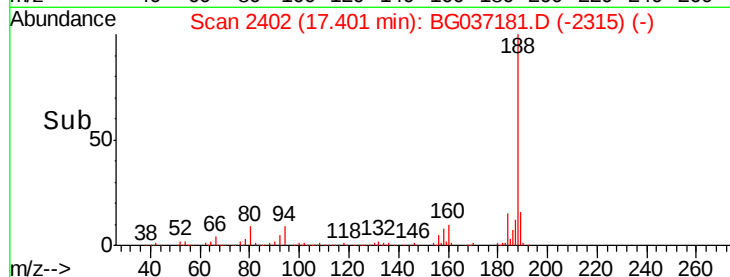
80 9.4 8.1 12.1



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: 3.158 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.46 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

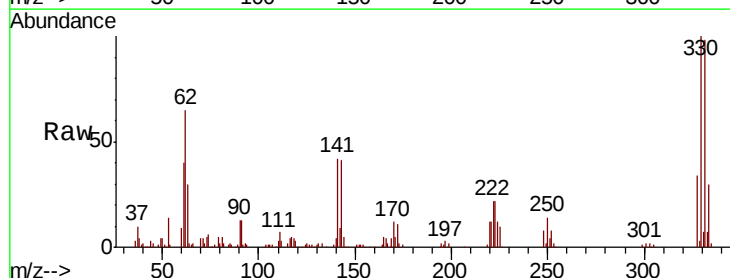
Tgt Ion:248 Resp: 10533

Ion Ratio Lower Upper

248 100

250 180.4 78.1 117.1#

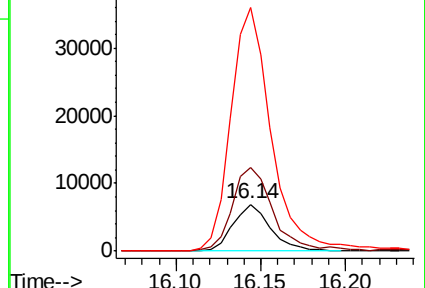
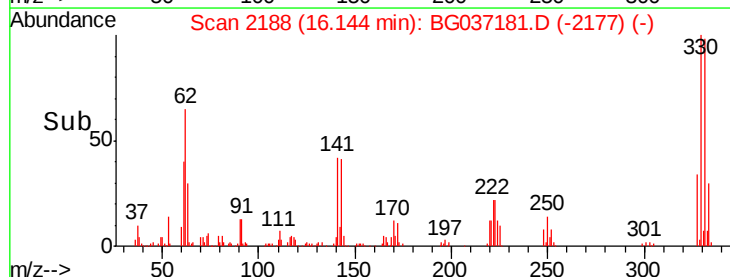
141 522.5 53.7 80.5#

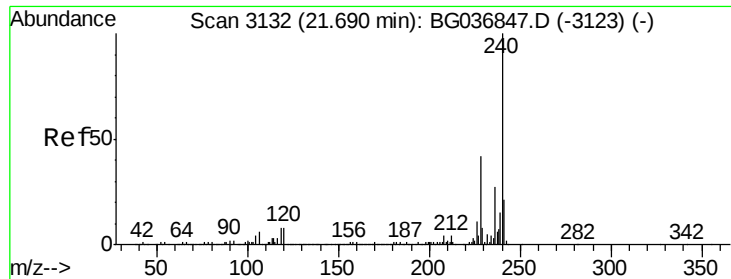


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037181.D

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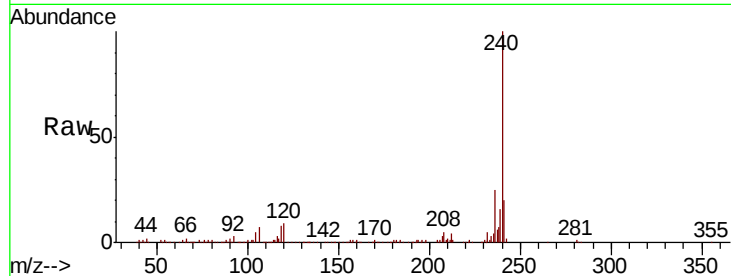
Tot Ion:240 Resp: 293534

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

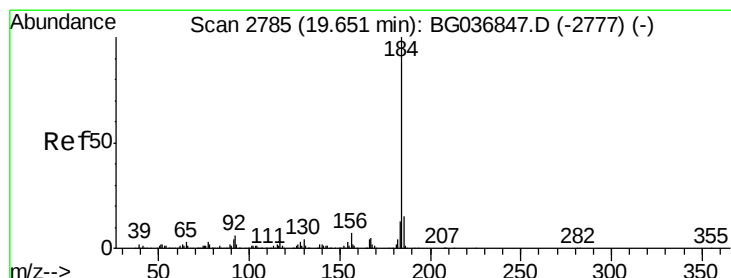
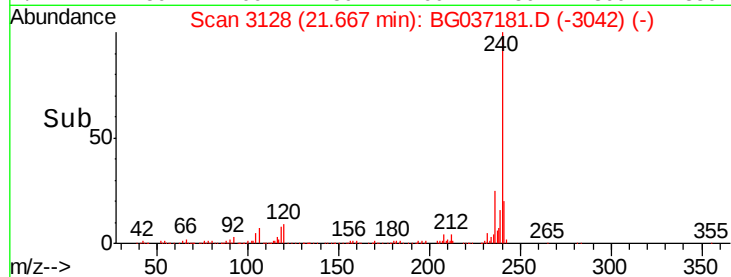
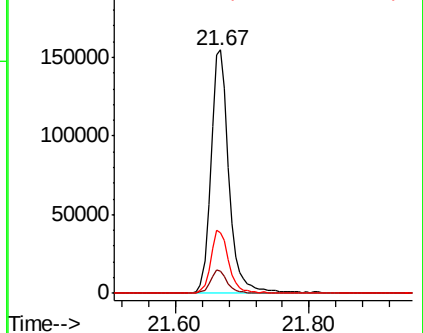
236 24.9 21.2 31.8



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



#76

Benzidine

Concen: 2.840 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

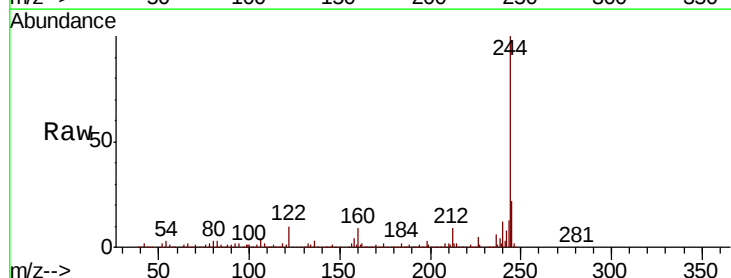
Tgt Ion:184 Resp: 25199

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

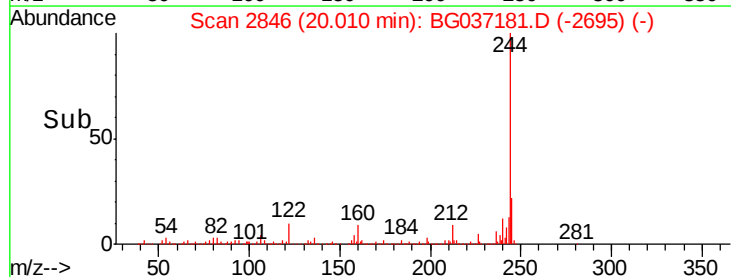
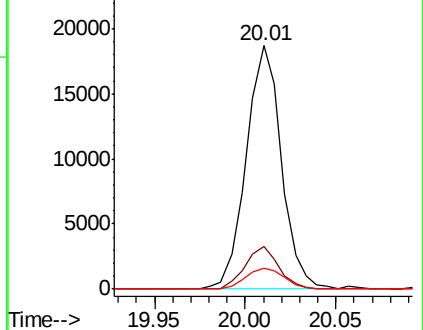
183 8.7 10.9 16.3#

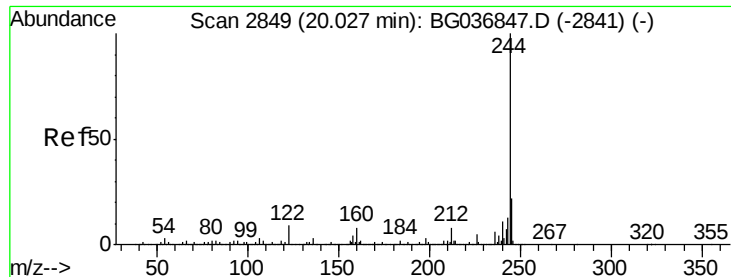


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 121.028 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Instrument :

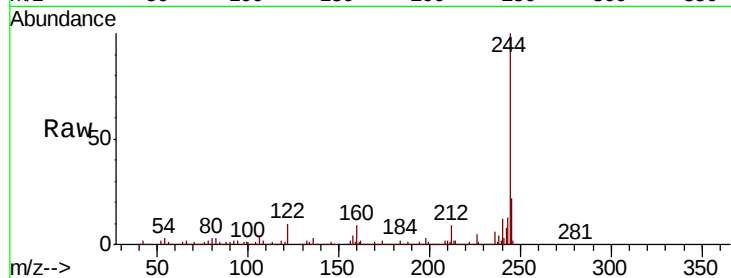
BNA_G

ClientSampleId :

100218-JETT-E-D-B

Tot Ion:244 Resp: 1351055

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	10.1	7.1	10.7

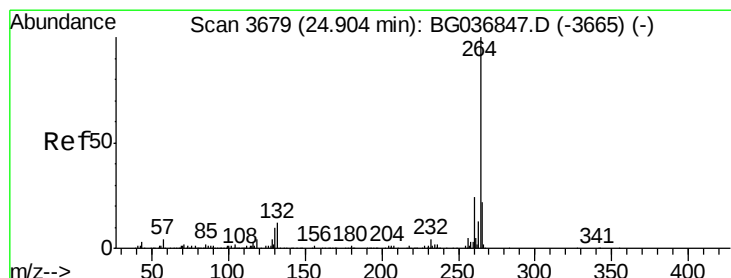
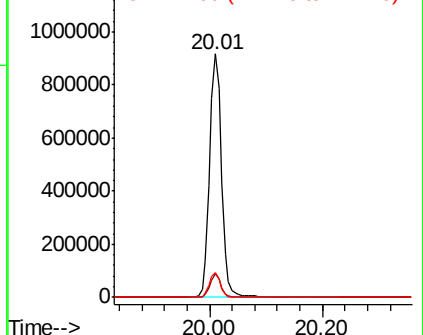
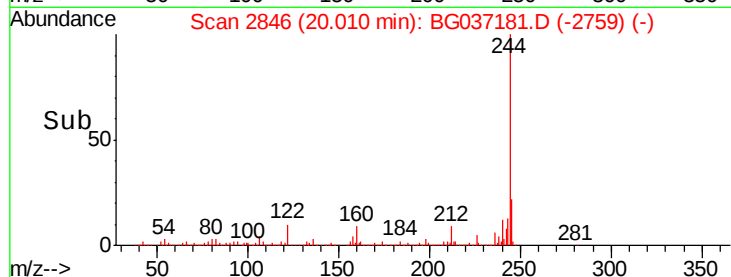


Abundance

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: 24.86 min Scan# 3672

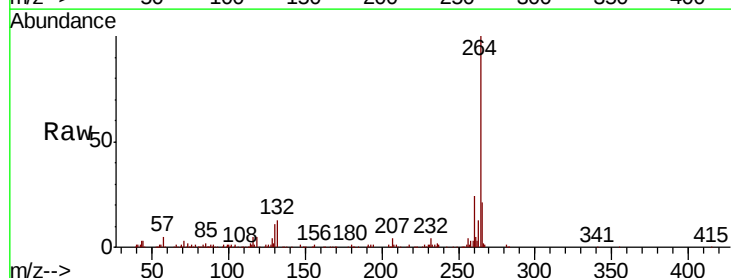
Delta R.T. -0.04 min

Lab File: BG037181.D

Acq: 5 Oct 2018 9:19

Tgt Ion:264 Resp: 289233

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.9	17.4	26.0



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

