

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100418\
 Data File : BG037151.D
 Acq On : 4 Oct 2018 8:11
 Operator : JU/SJ
 Sample : J5192-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-100218-B

Quant Time: Oct 04 09:19:06 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

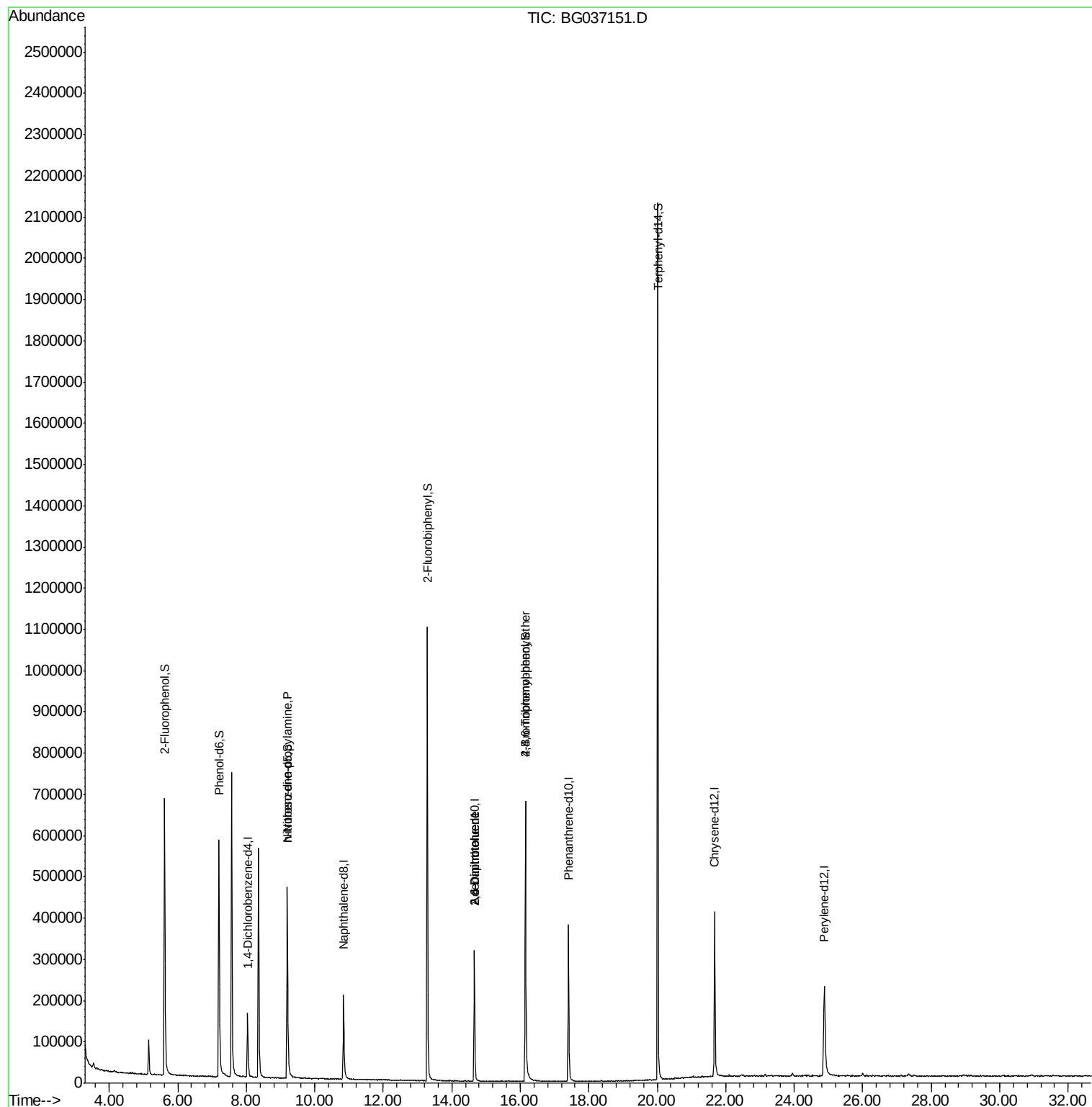
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51859	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	204969	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	119282	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	275267	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	299135	20.00	ng	-0.02
86) Perylene-d12	24.88	264	286008	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	327329	121.05	ng	0.00
7) Phenol-d6	7.20	99	382609	91.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	339205	88.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144951	101.57	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	642502	80.22	ng	-0.02
78) Terphenyl-d14	20.02	244	1053555	92.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	44659	12.832	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	14997	7.159	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	14997	5.130	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	9918	3.168	ng	# 1

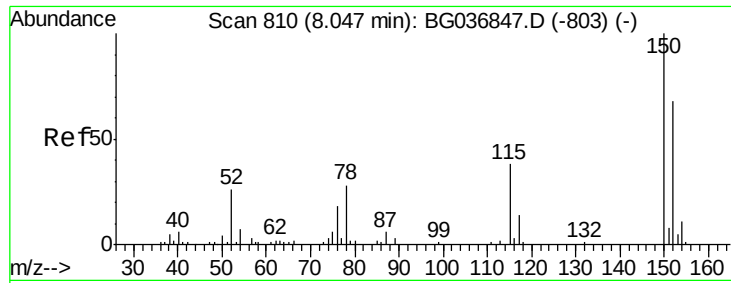
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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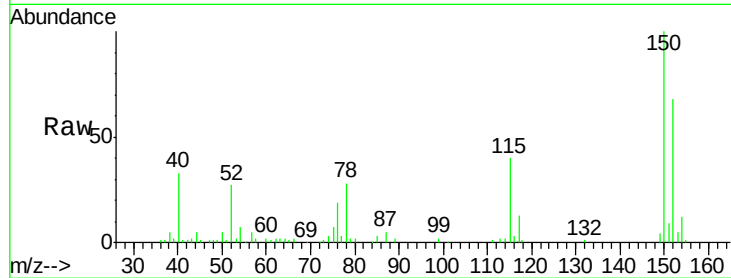




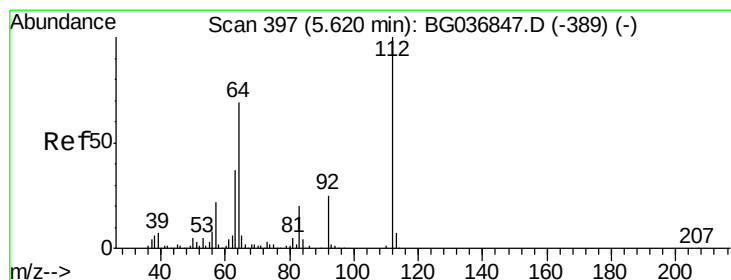
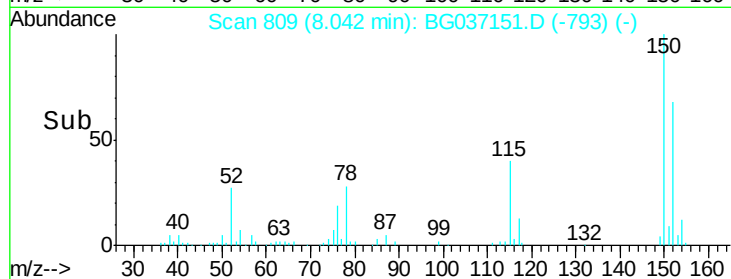
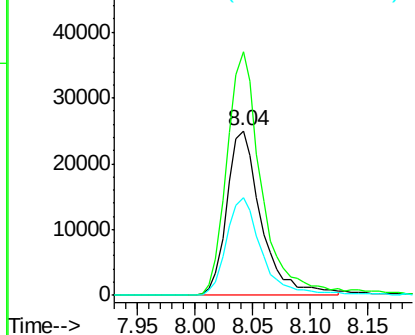
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-100218-B

Tgt Ion:152 Resp: 51859
 Ion Ratio Lower Upper
 152 100
 150 148.0 119.5 179.3
 115 59.2 44.5 66.7

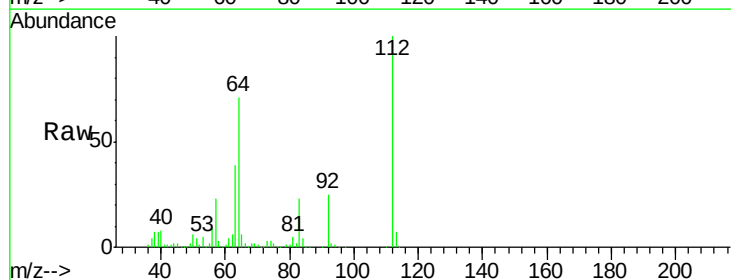


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

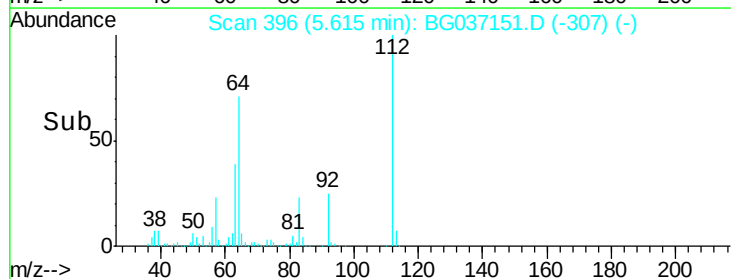
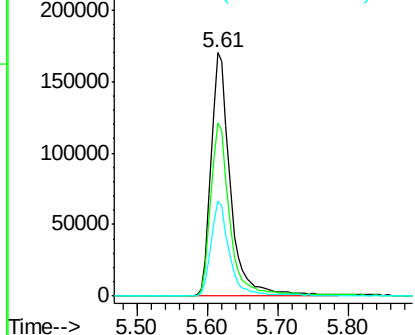


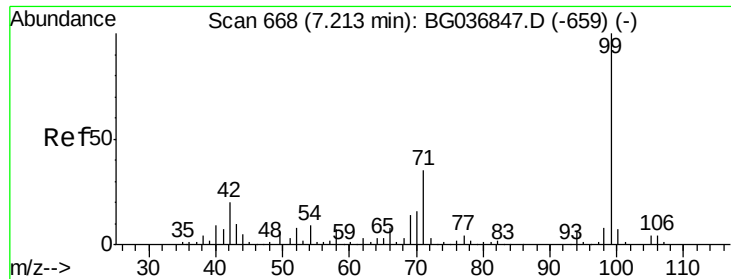
#5
 2-Fluorophenol
 Concen: 121.049 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

Tgt Ion:112 Resp: 327329
 Ion Ratio Lower Upper
 112 100
 64 71.4 57.2 85.8
 63 39.0 30.8 46.2



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





#7

Phenol-d6

Concen: 91.452 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

Instrument :

BNA_G

ClientSampleId :

AU-05-100218-B

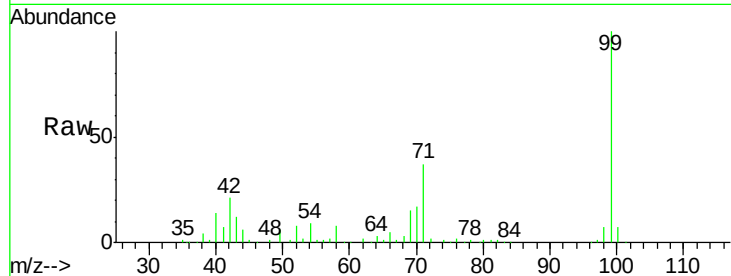
Tgt Ion: 99 Resp: 382609

Ion Ratio Lower Upper

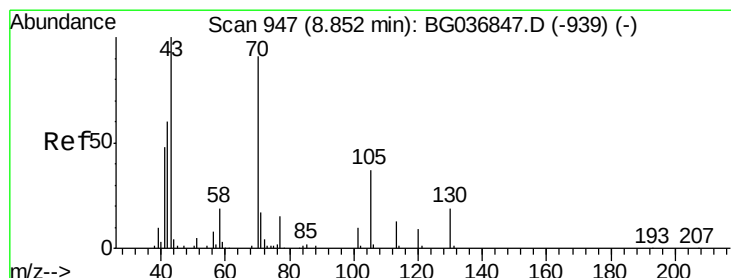
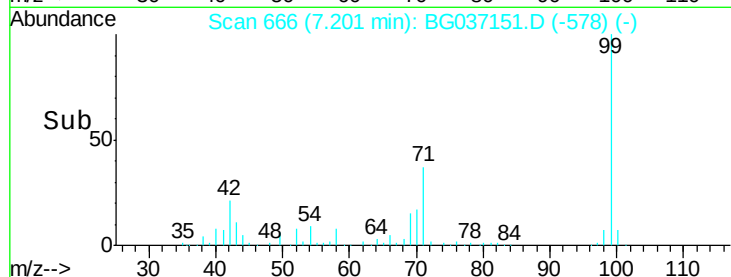
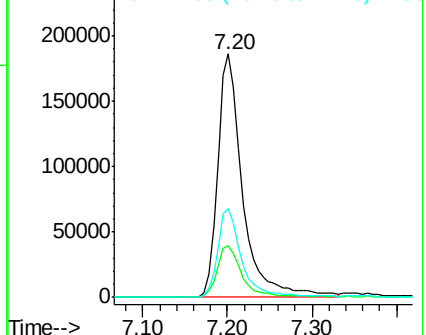
99 100

42 21.3 16.5 24.7

71 36.7 29.4 44.2



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: 12.832 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

Tgt Ion: 70 Resp: 44659

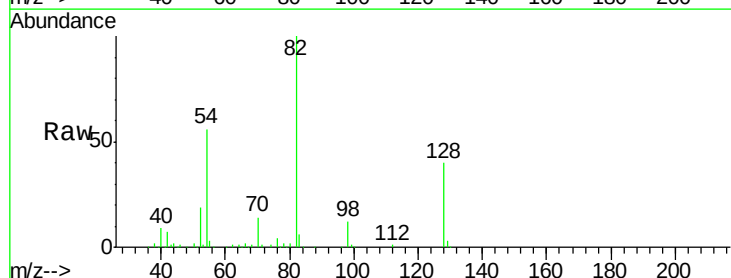
Ion Ratio Lower Upper

70 100

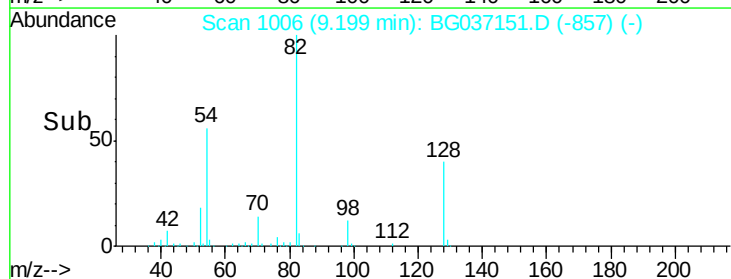
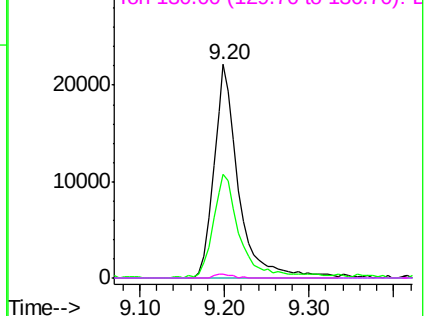
42 48.6 56.2 84.4#

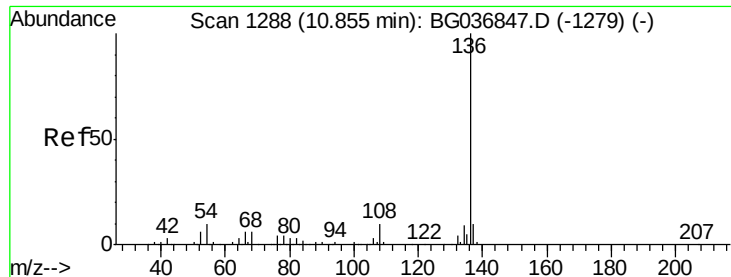
101 0.0 7.8 11.6#

130 1.6 16.2 24.2#



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

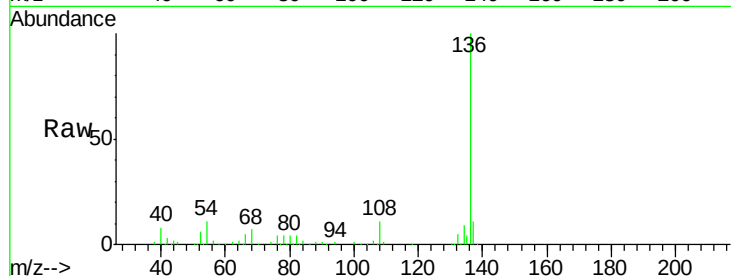




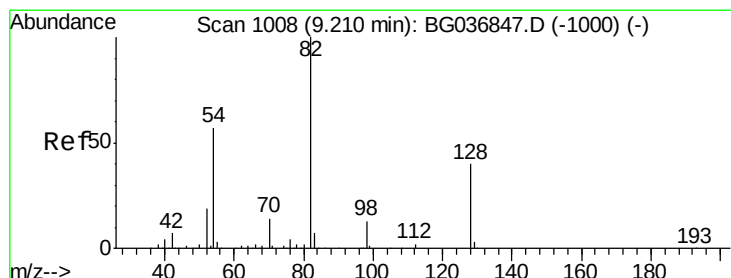
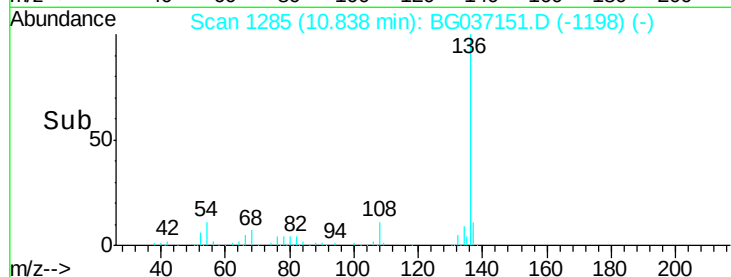
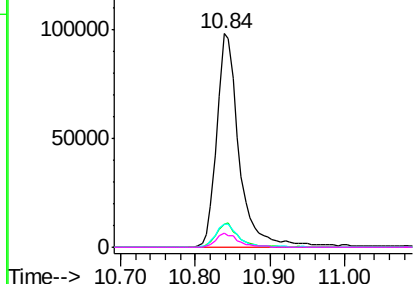
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-B

Tgt Ion:	136	Resp:	204969
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.1	9.2	13.8
68	6.8	5.8	8.6

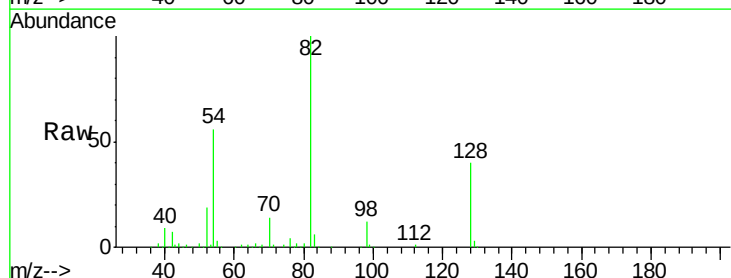


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

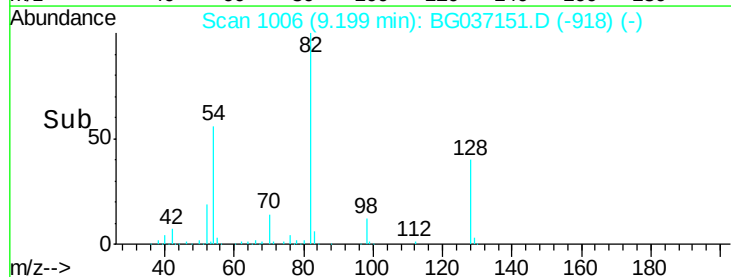
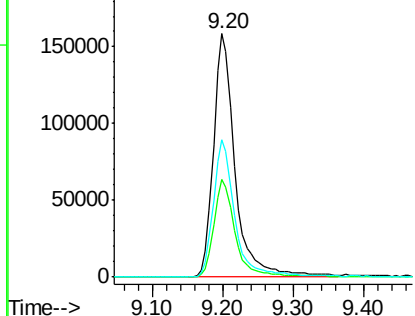


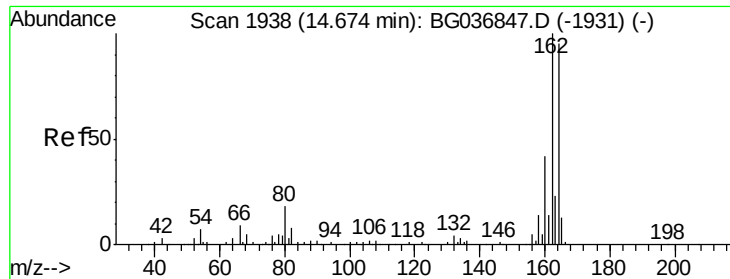
#23
Nitrobenzene-d5
Concen: 88.622 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Tgt Ion:	82	Resp:	339205
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	56.2	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# 1936

Delta R.T. -0.01 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

Instrument :

BNA_G

ClientSampleId :

AU-05-100218-B

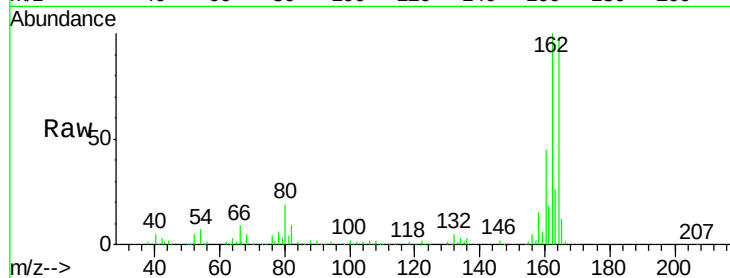
Tgt Ion:164 Resp: 119282

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

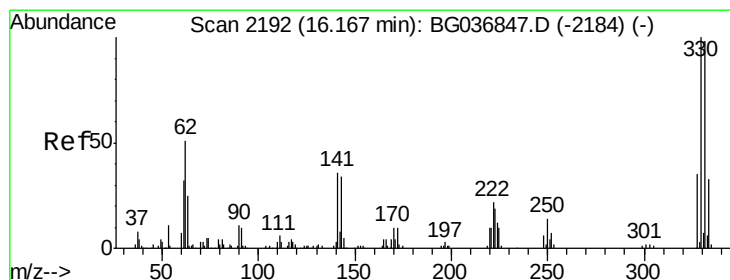
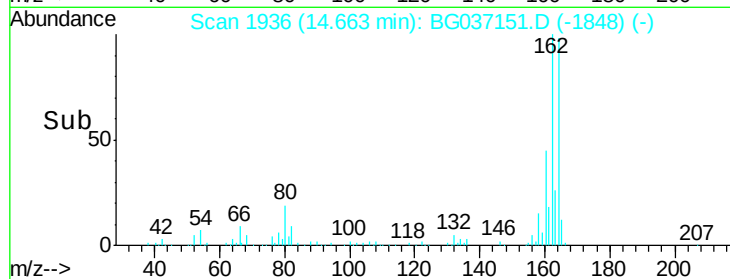
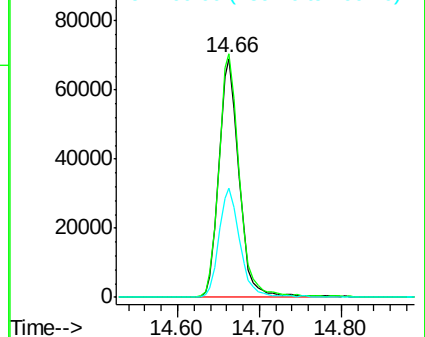
160 45.7 35.3 52.9



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: 101.568 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

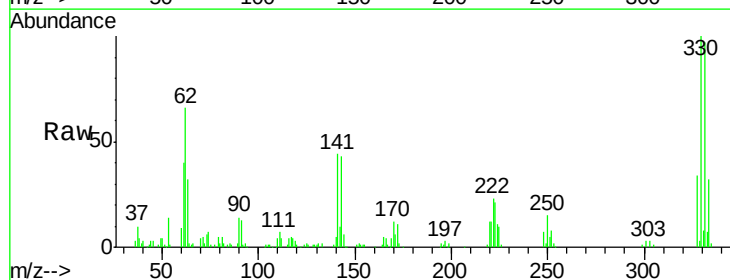
Tgt Ion:330 Resp: 144951

Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.2

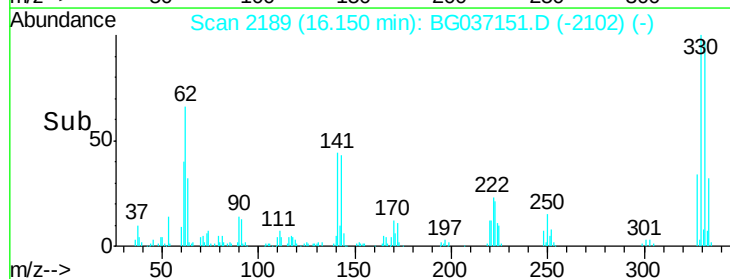
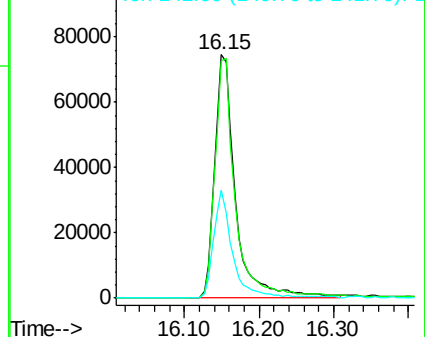
141 40.1 30.7 46.1

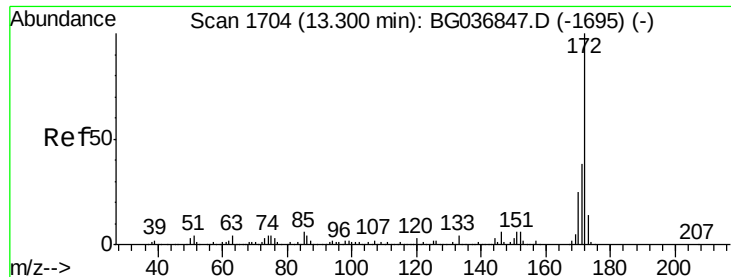


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

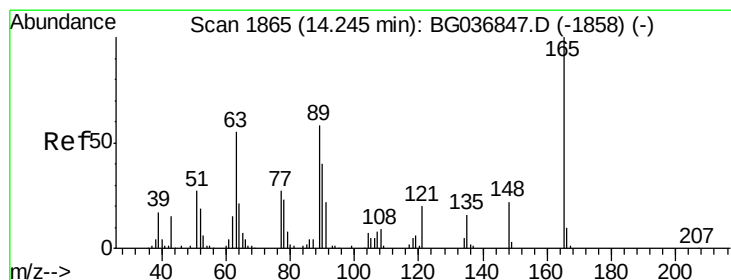
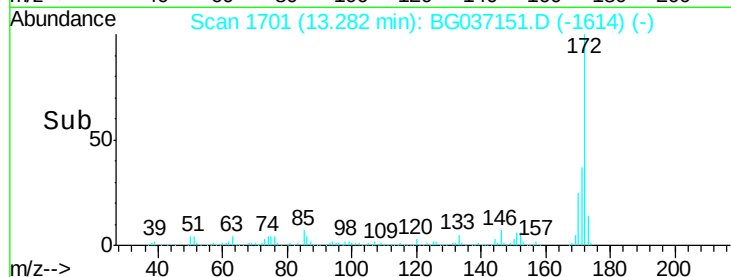
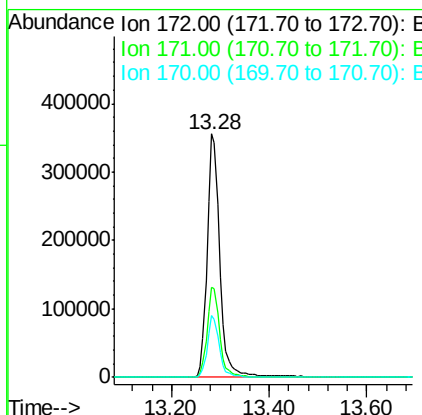
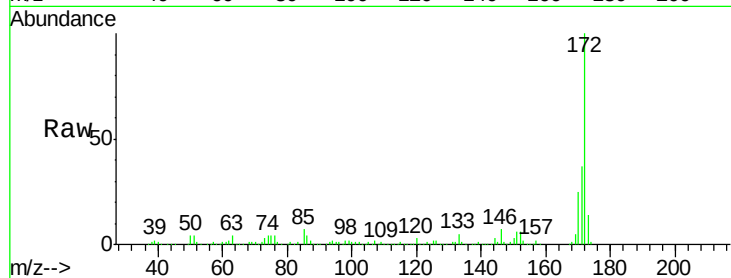




#44
 2-Fluorobiphenyl
 Concen: 80.225 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

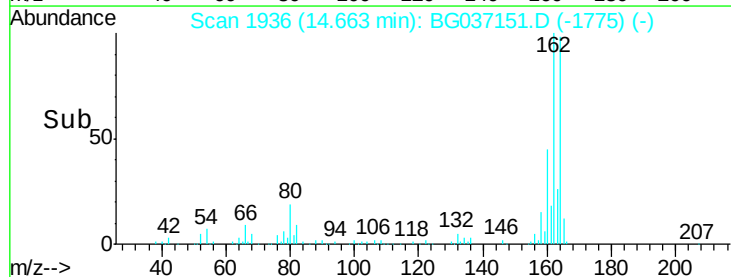
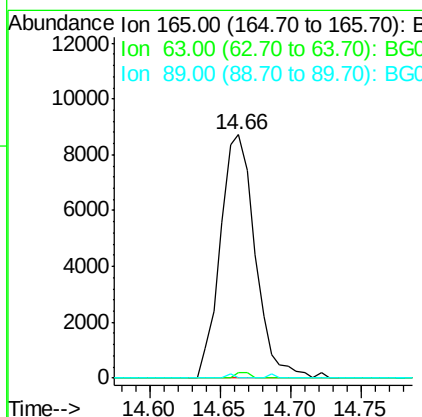
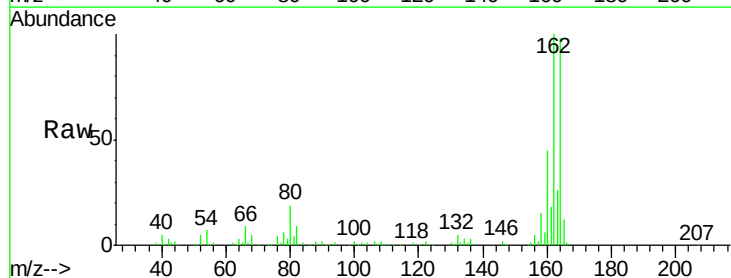
Instrument :
 BNA_G
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 AU-05-100218-B

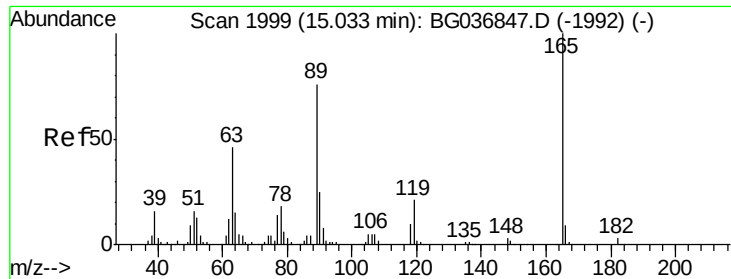
Tgt Ion:172 Resp: 642502
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.3 46.9
 170 25.3 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.159 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

Tgt Ion:165 Resp: 14997
 Ion Ratio Lower Upper
 165 100
 63 2.4 50.1 75.1#
 89 0.0 47.8 71.6#

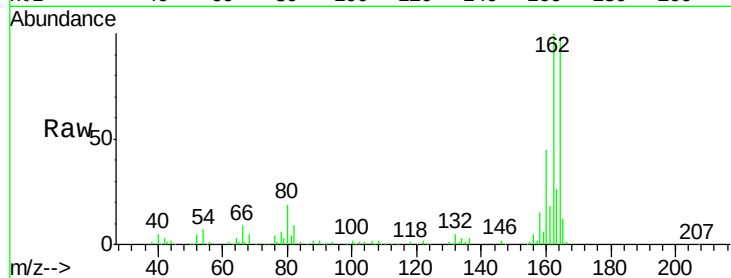




#56
2,4-Dinitrotoluene
Concen: 5.130 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

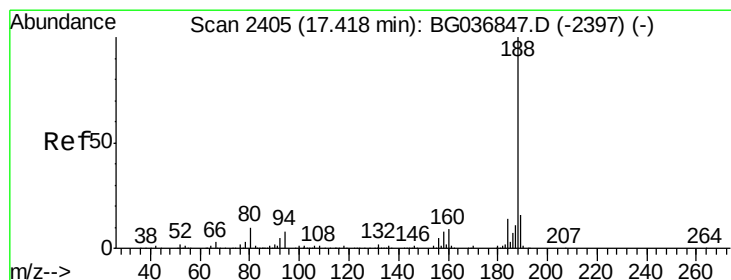
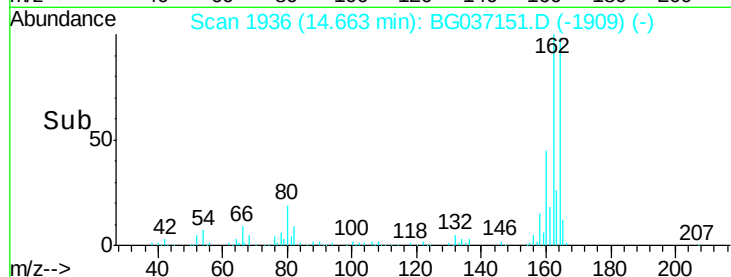
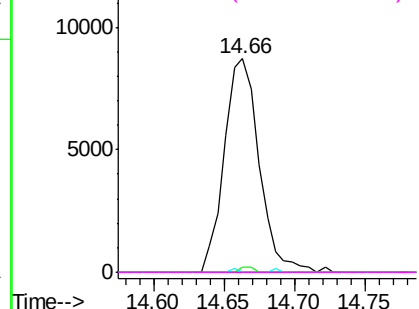


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

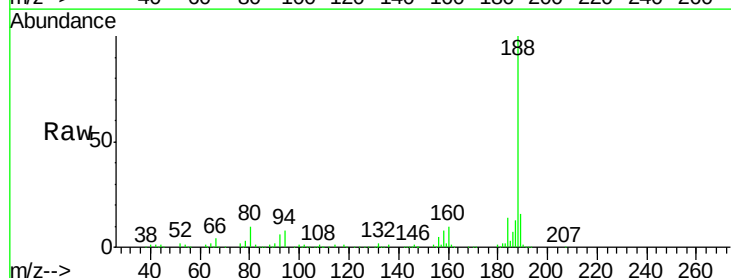
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

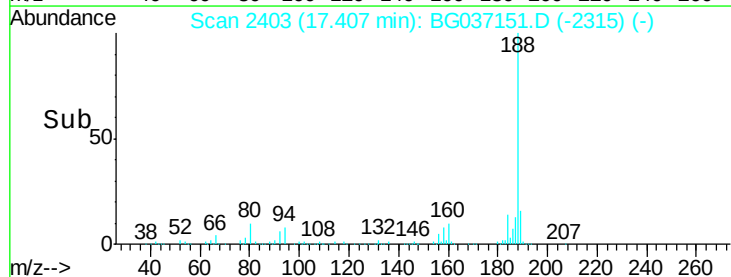
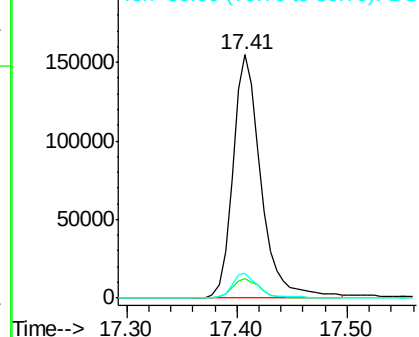
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	10.2	8.1	12.1

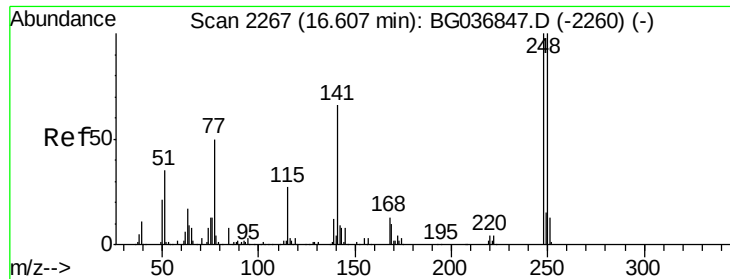


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

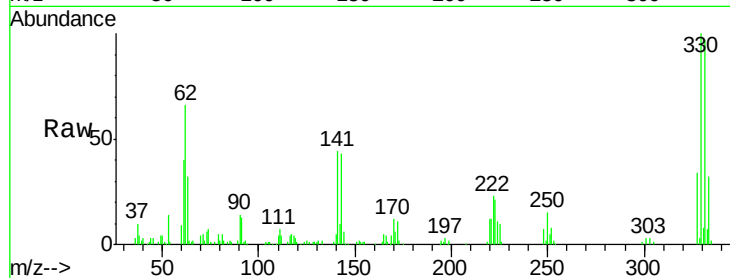




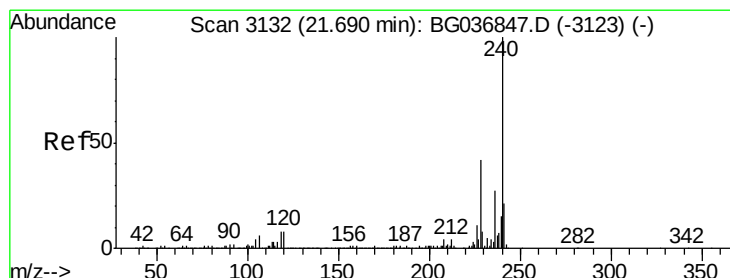
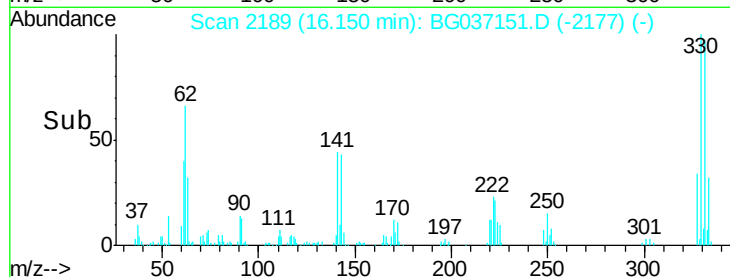
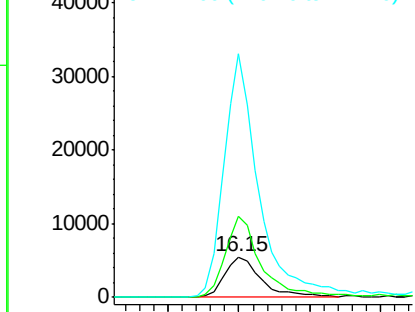
#66
4-Bromophenyl-phenylether
Concen: 3.168 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-B

Tgt Ion:248 Resp: 9918
Ion Ratio Lower Upper
248 100
250 200.3 78.1 117.1#
141 599.7 53.7 80.5#

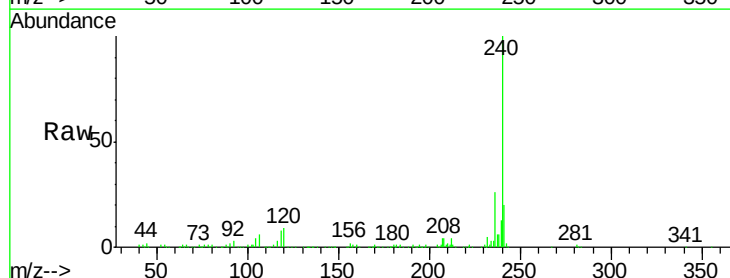


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

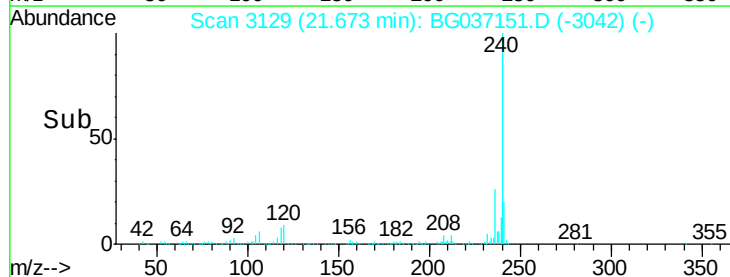
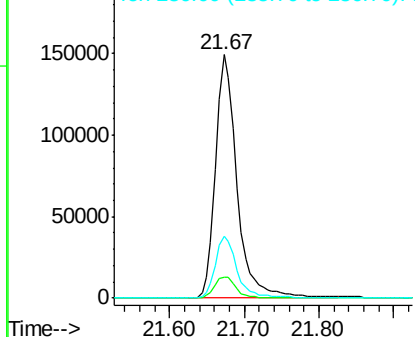


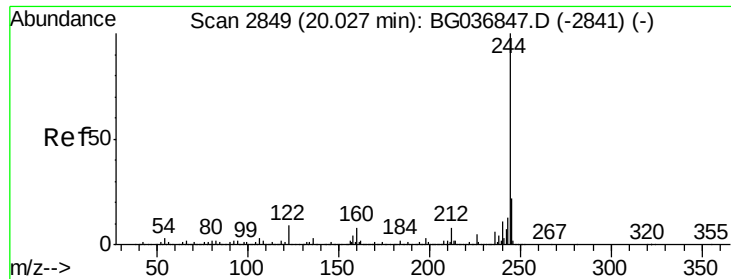
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Tgt Ion:240 Resp: 299135
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.6 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





#78

Terphenyl-d14

Concen: 92.611 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

Instrument :

BNA_G

ClientSampleId :

AU-05-100218-B

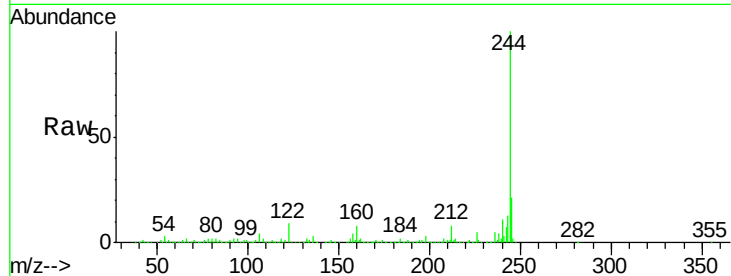
Tgt Ion:244 Resp: 1053555

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

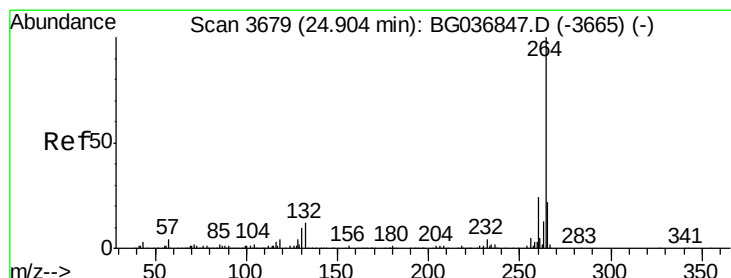
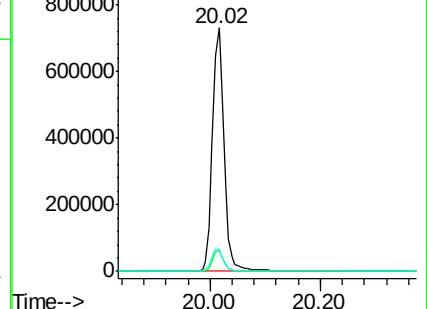
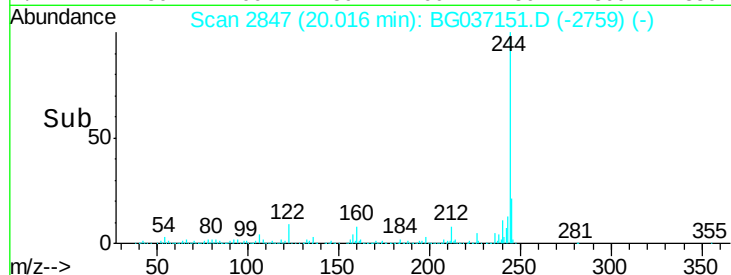
122 9.2 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

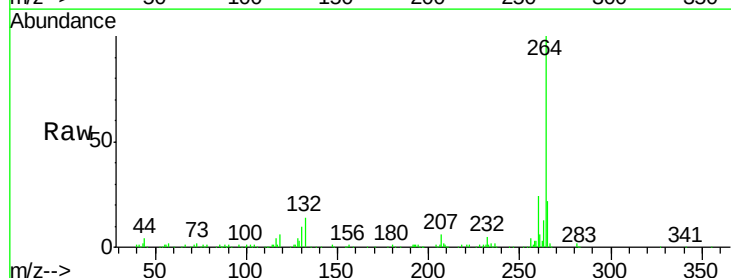
Tgt Ion:264 Resp: 286008

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 22.3 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

