

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037211.D
 Acq On : 6 Oct 2018 13:57
 Operator : JU/SJ
 Sample : J5205-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-100418

Quant Time: Oct 08 04:47:39 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

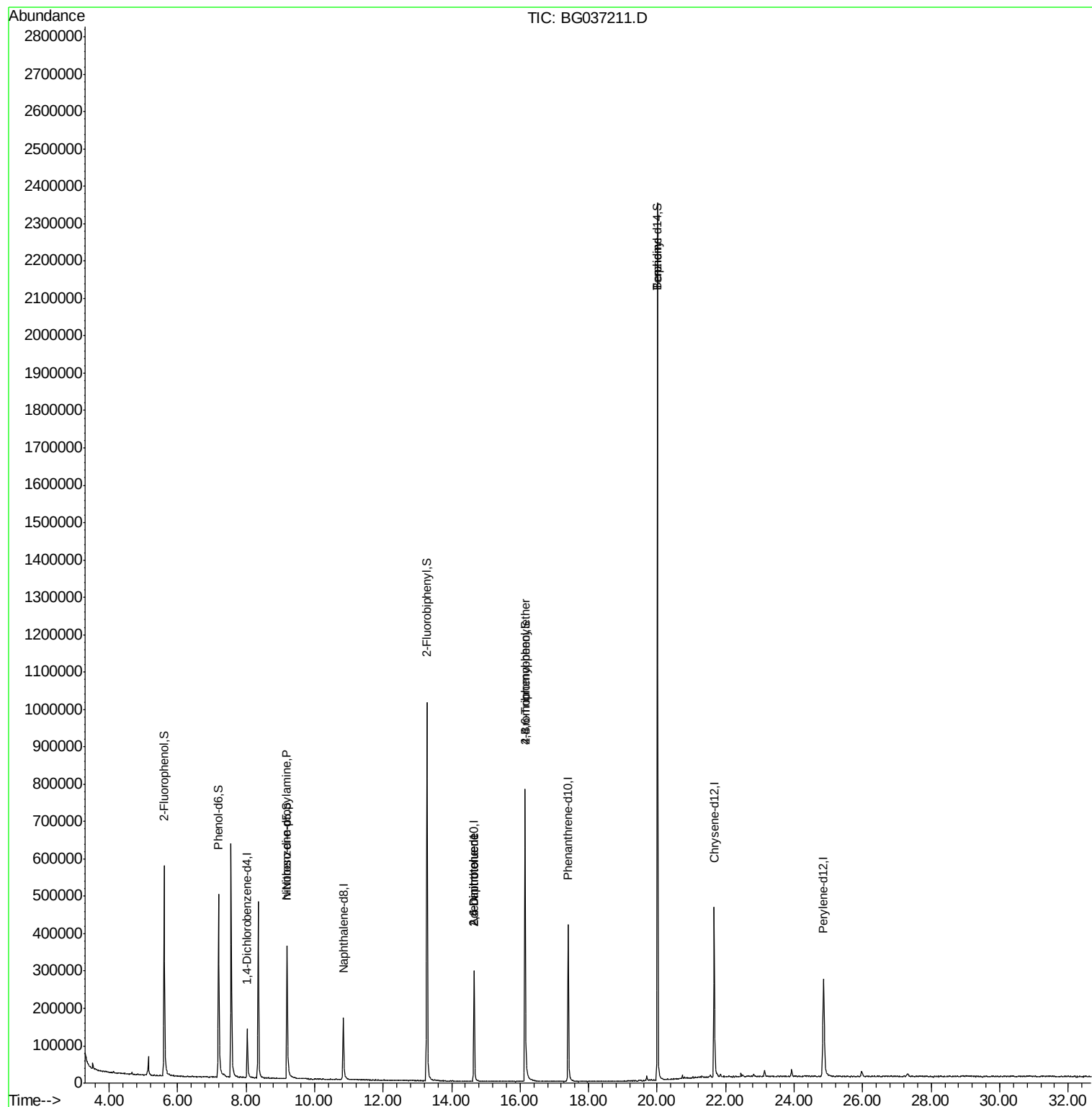
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43790	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	177132	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	114288	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	314495	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	321604	20.00	ng	-0.03
86) Perylene-d12	24.86	264	314621	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	269263	117.92	ng	-0.01
7) Phenol-d6	7.19	99	331562	93.85	ng	-0.02
23) Nitrobenzene-d5	9.20	82	286654	86.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	169090	123.66	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	587943	76.62	ng	-0.02
78) Terphenyl-d14	20.01	244	1132964	92.63	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	37270	12.682	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	15115	7.531	ng	# 24
56) 2,4-Dinitrotoluene	14.66	165	15115	5.397	ng	# 22
66) 4-Bromophenyl-phenylether	16.15	248	11660	3.260	ng	# 1
76) Benzidine	20.01	184	20576	2.116	ng	# 94

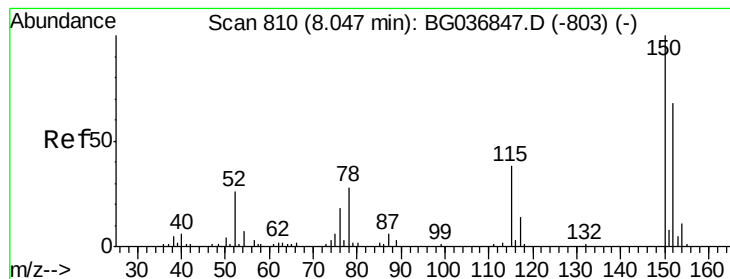
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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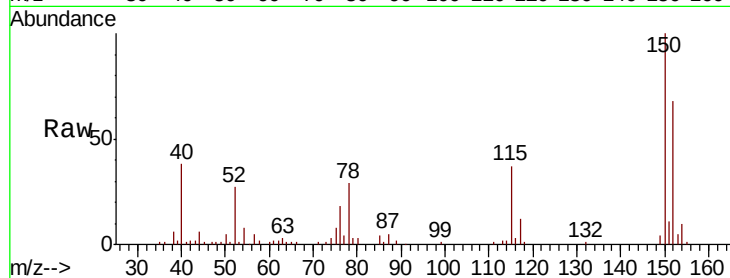


#1

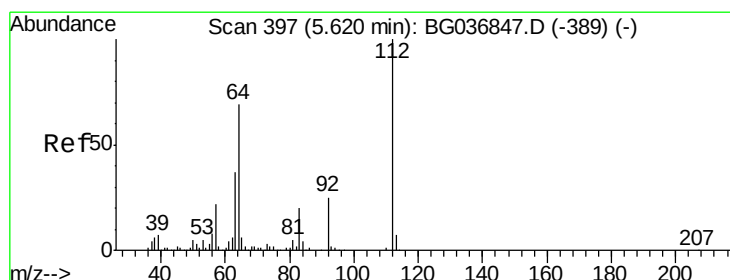
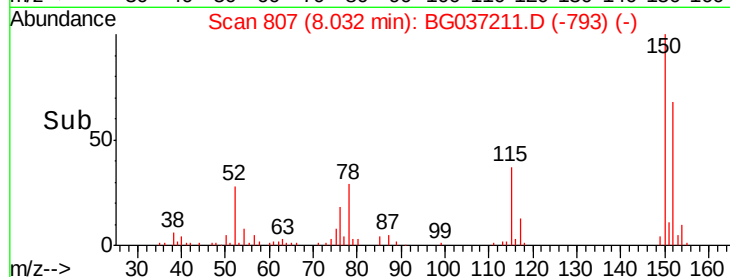
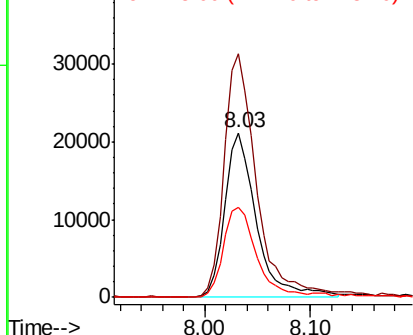
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Instrument :
BNA_G
ClientSampleId :
TR-05-100418

Tgt Ion:152 Resp: 43790
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 54.6 44.5 66.7



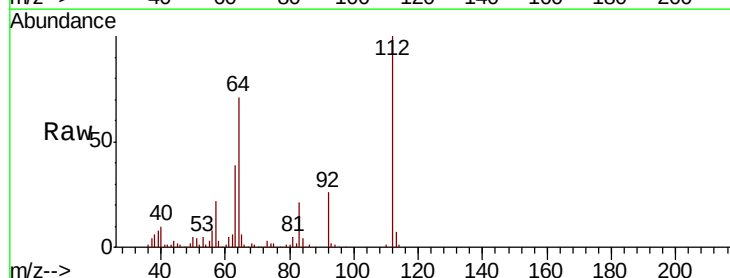
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



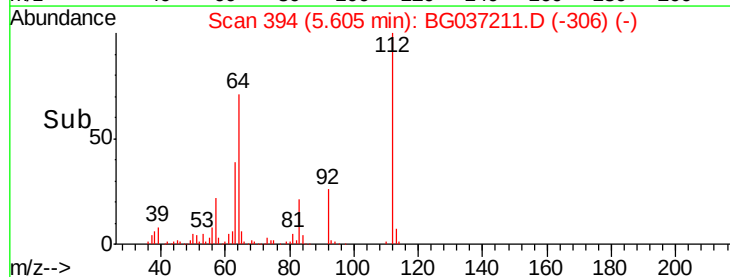
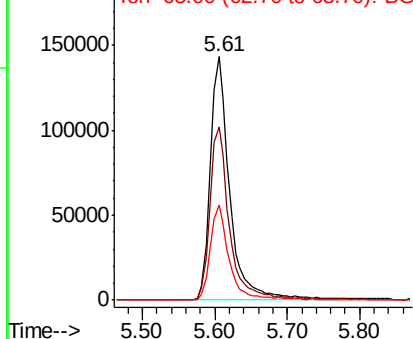
#5

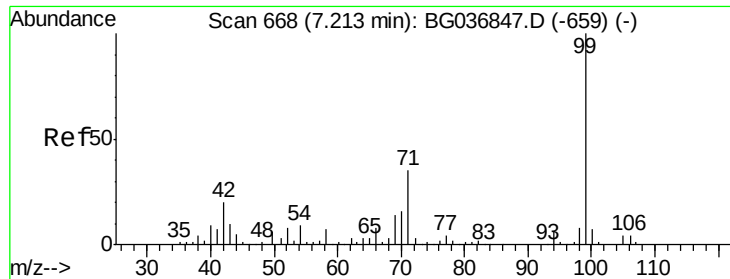
2-Fluorophenol
Concen: 117.924 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Tgt Ion:112 Resp: 269263
Ion Ratio Lower Upper
112 100
64 71.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.854 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Instrument :

BNA_G

ClientSampleId :

TR-05-100418

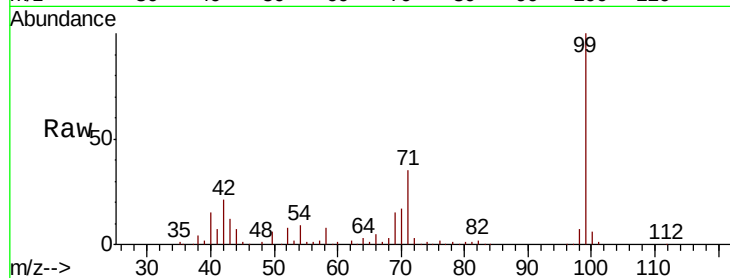
Tgt Ion: 99 Resp: 331562

Ion Ratio Lower Upper

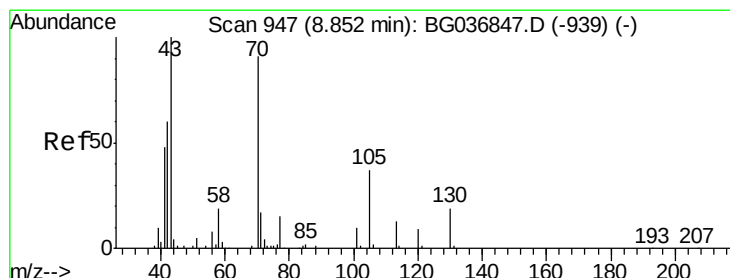
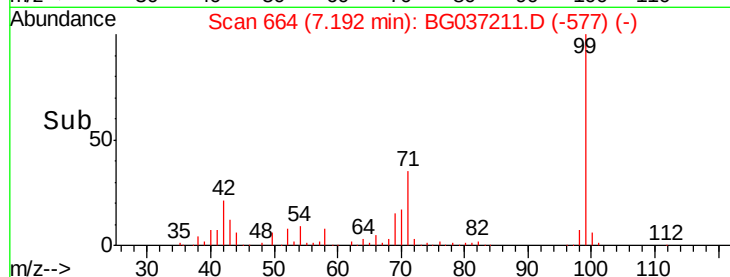
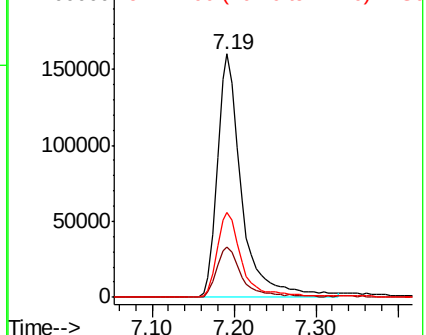
99 100

42 20.6 16.5 24.7

71 35.0 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: 12.682 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.34 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Tgt Ion: 70 Resp: 37270

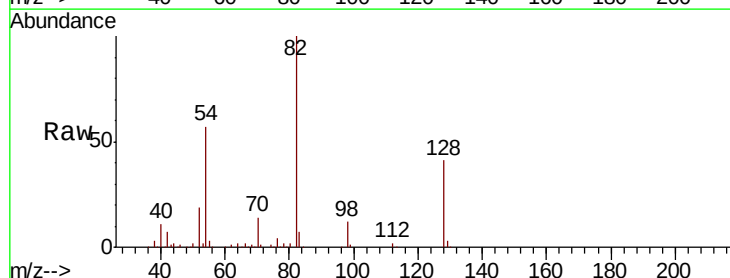
Ion Ratio Lower Upper

70 100

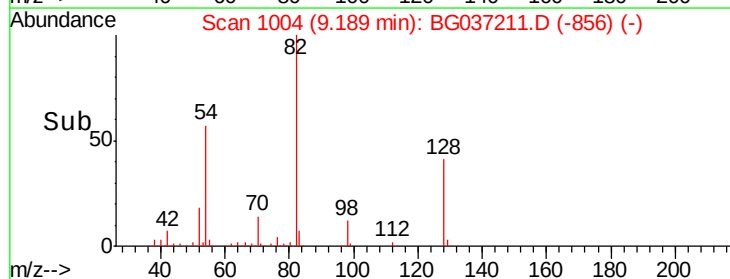
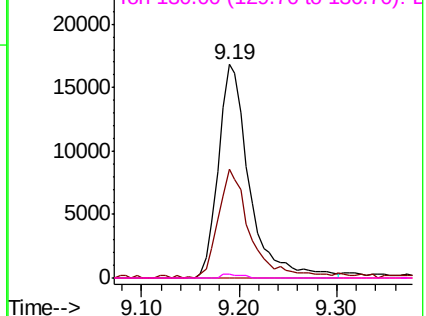
42 50.9 56.2 84.4#

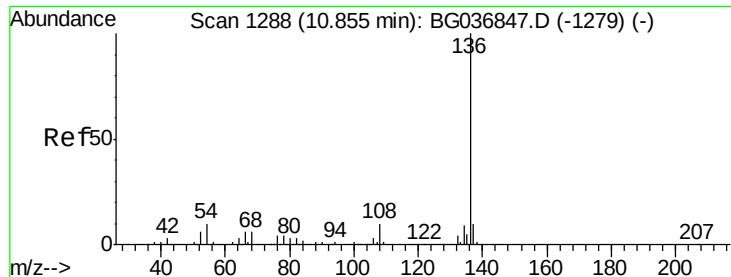
101 0.0 7.8 11.6#

130 1.7 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

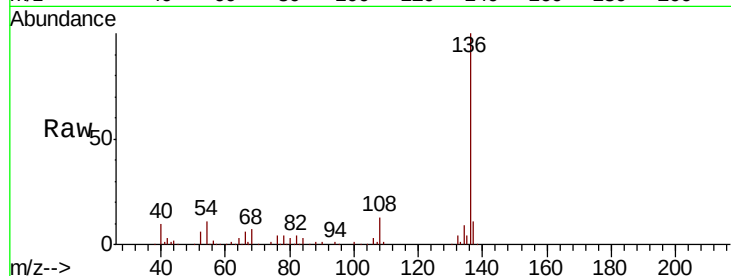




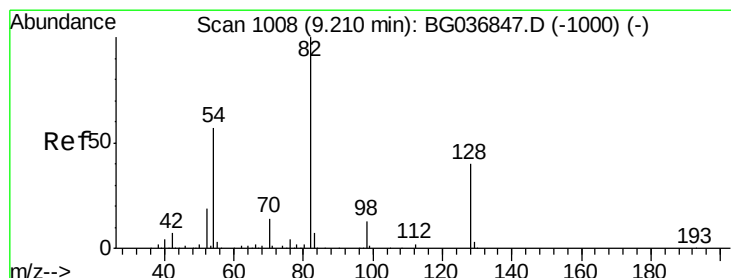
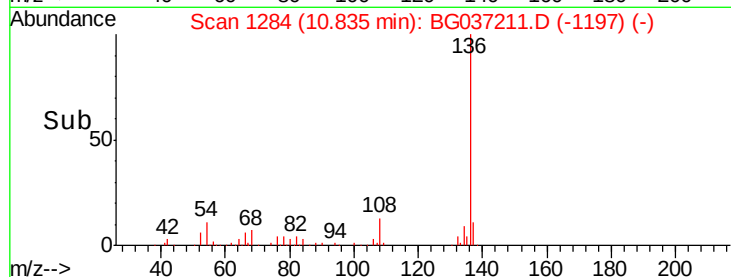
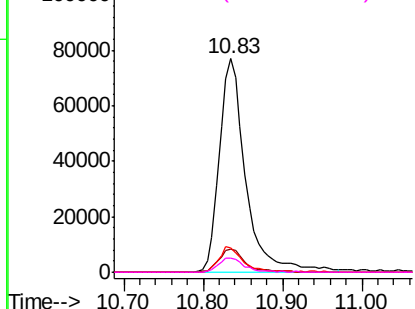
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Instrument :
BNA_G
ClientSampleId :
TR-05-100418

Tgt Ion:	136	Resp:	177132
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.2	9.2	13.8
68	6.6	5.8	8.6

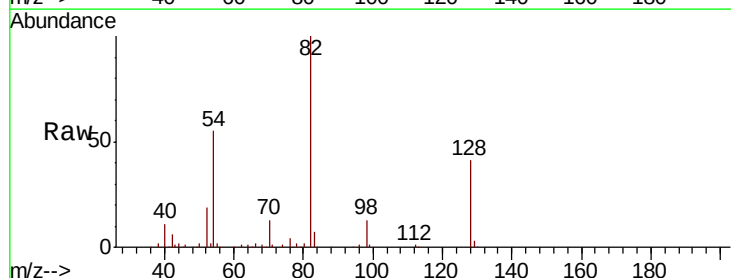


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

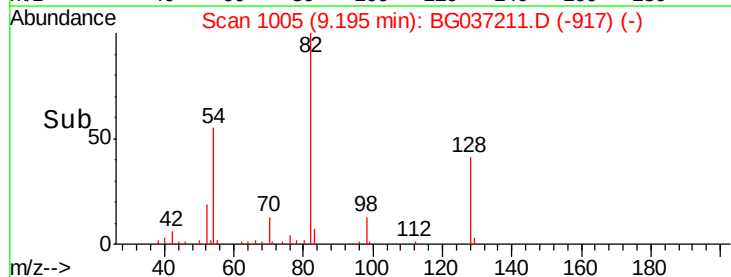
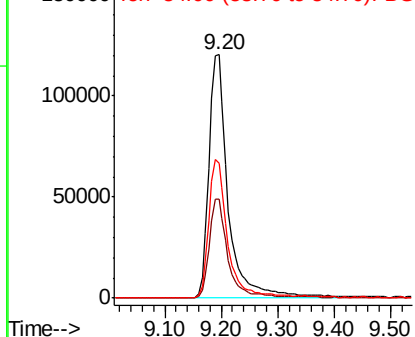


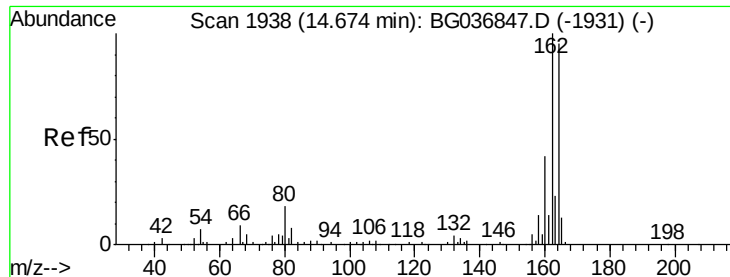
#23
Nitrobenzene-d5
Concen: 86.662 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Tgt Ion:	82	Resp:	286654
Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.3	49.9
54	55.2	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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# 1934

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Instrument :

BNA_G

ClientSampleId :

TR-05-100418

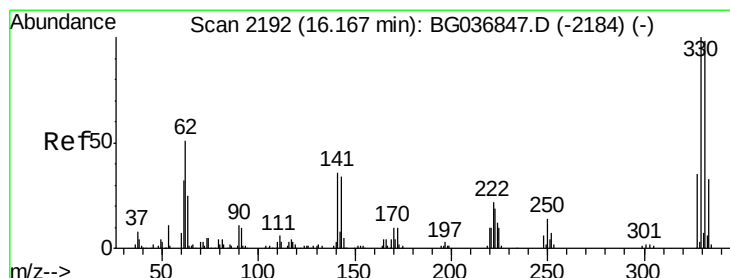
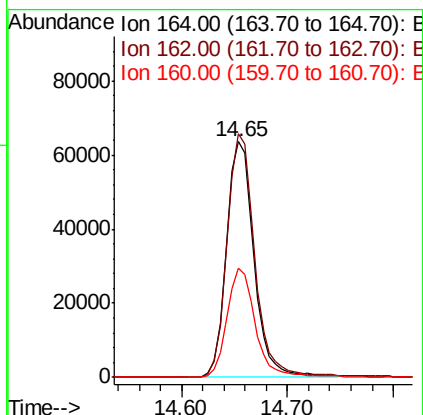
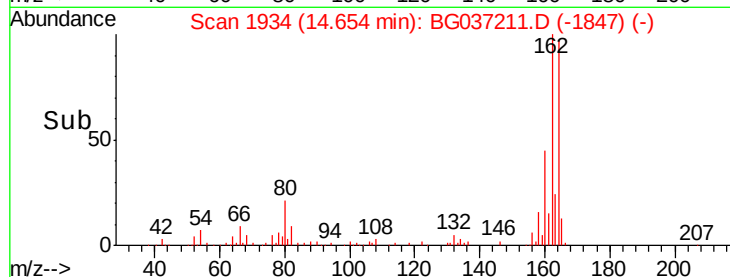
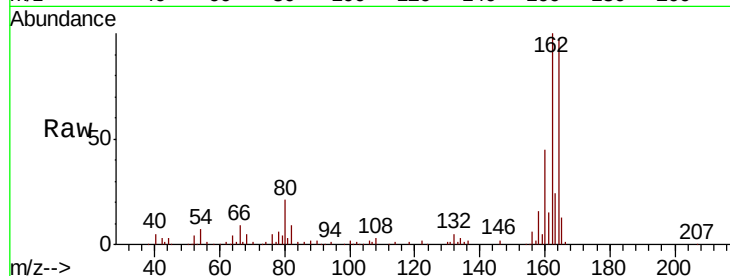
Tgt Ion:164 Resp: 114288

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

160 46.3 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 123.659 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

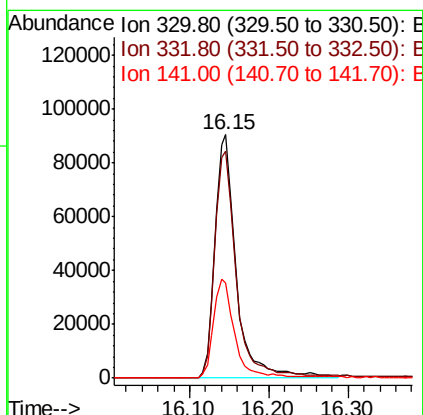
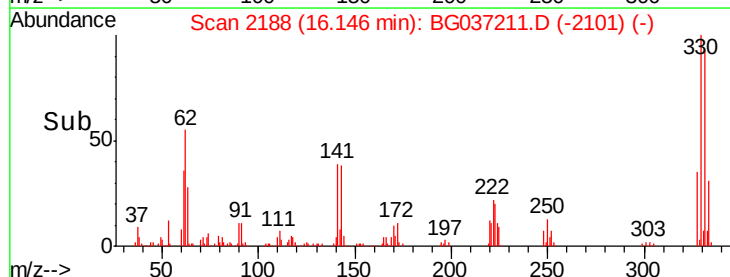
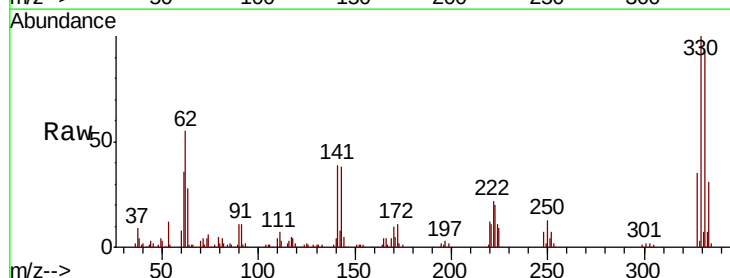
Tgt Ion:330 Resp: 169090

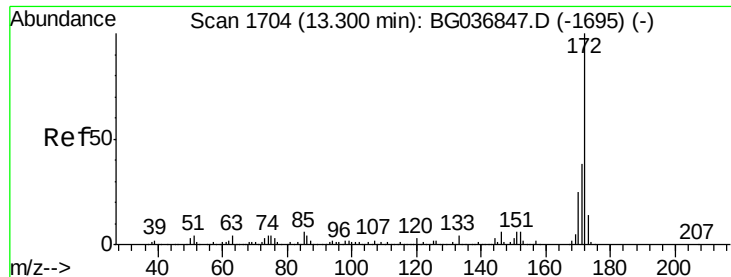
Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

141 40.6 30.7 46.1

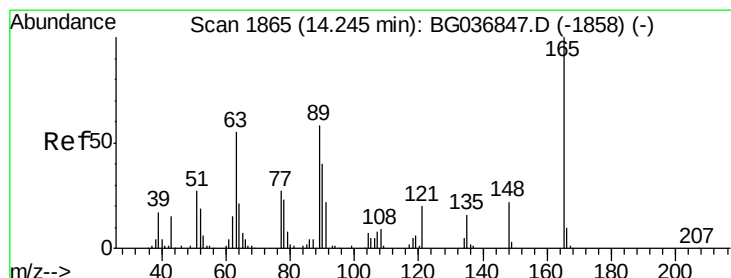
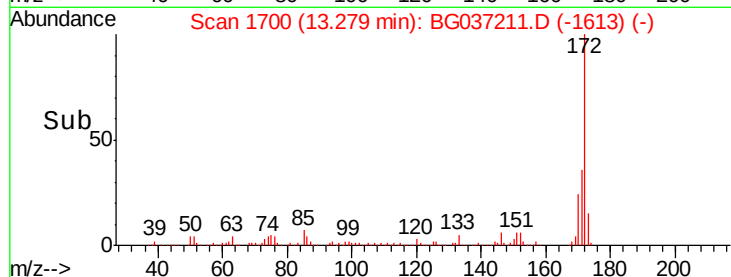
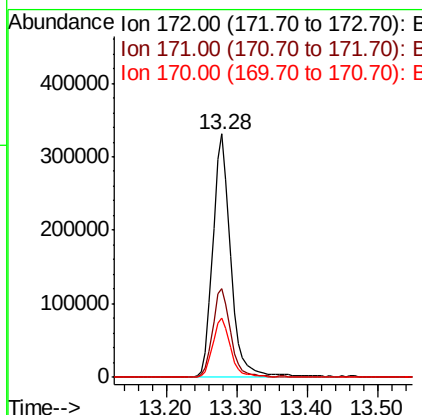
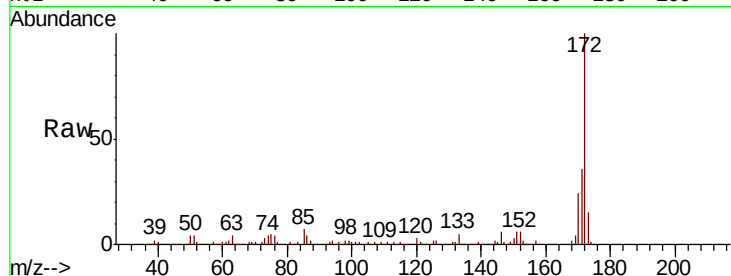




#44
 2-Fluorobiphenyl
 Concen: 76.620 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

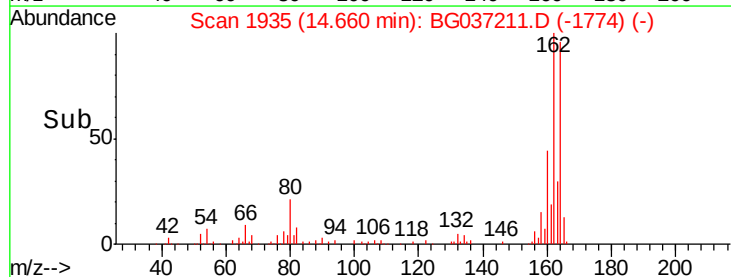
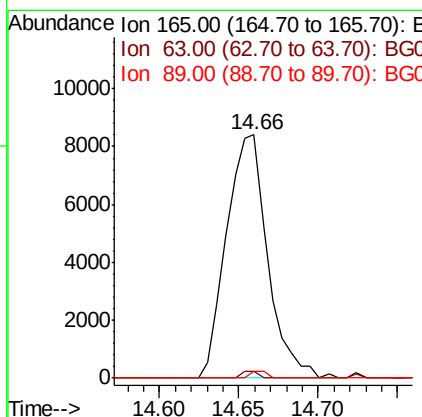
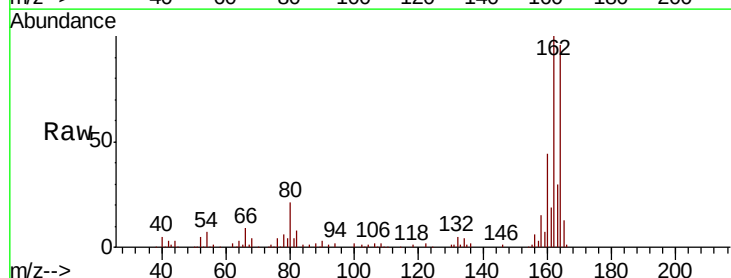
Instrument :
 BNA_G
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 TR-05-100418

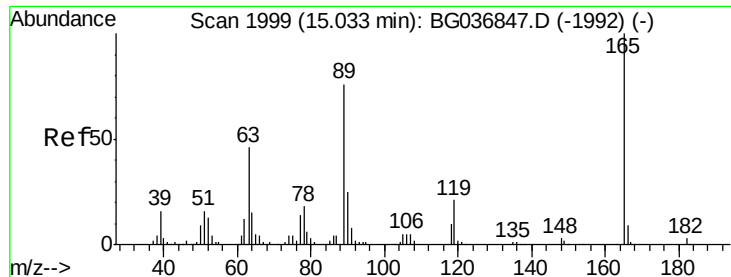
Tgt Ion:172 Resp: 587943
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.3 46.9
 170 24.5 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.531 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Tgt Ion:165 Resp: 15115
 Ion Ratio Lower Upper
 165 100
 63 2.9 50.1 75.1#
 89 2.9 47.8 71.6#

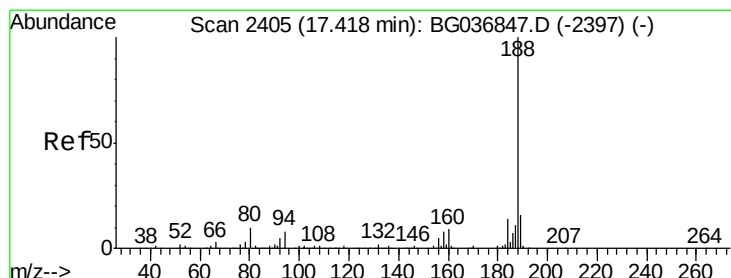
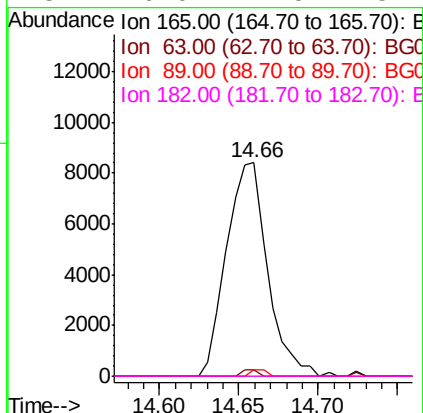
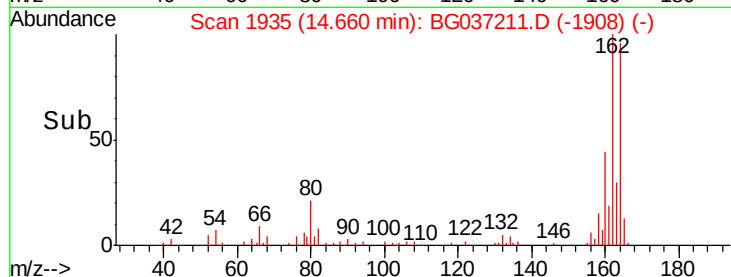
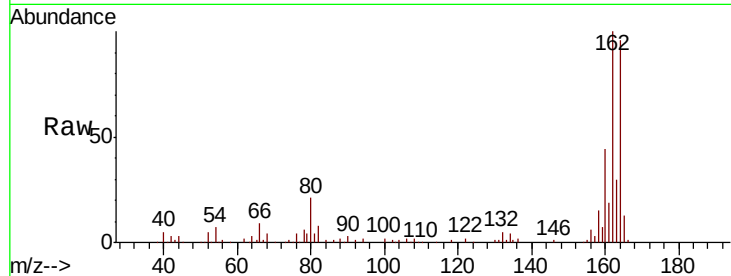




#56
 2,4-Dinitrotoluene
 Concen: 5.397 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.37 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

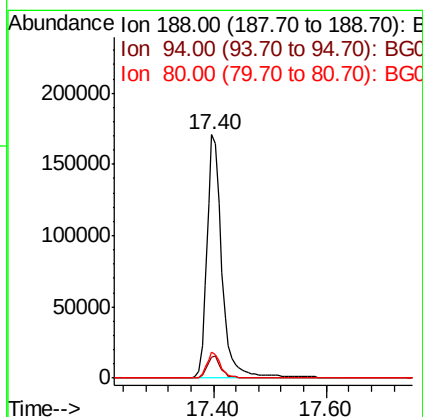
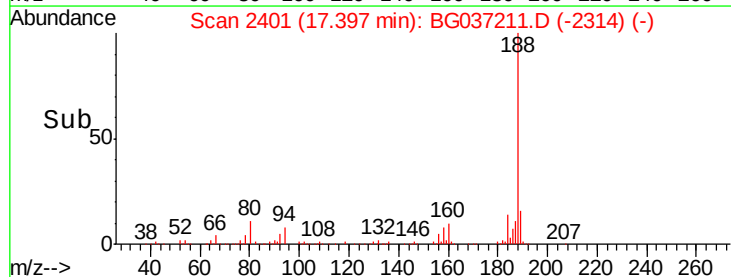
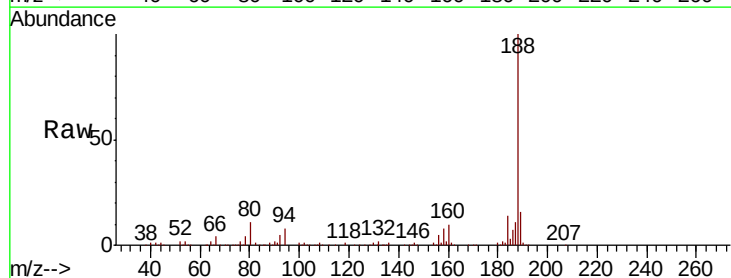
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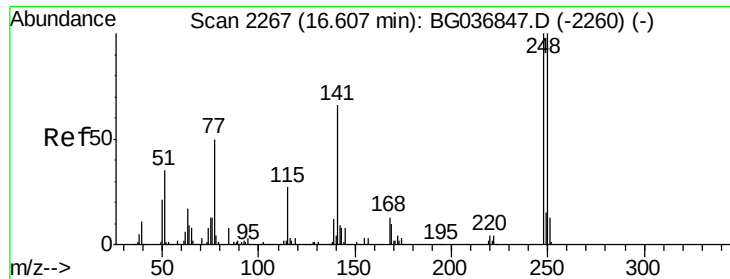
Tgt Ion:	165	Resp:	15115
Ion	Ratio	Lower	Upper
165	100		
63	2.9	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2401
 Delta R.T. -0.02 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Tgt Ion:	188	Resp:	314495
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	10.6	8.1	12.1

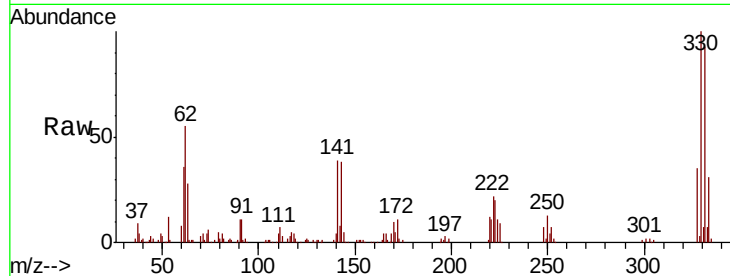




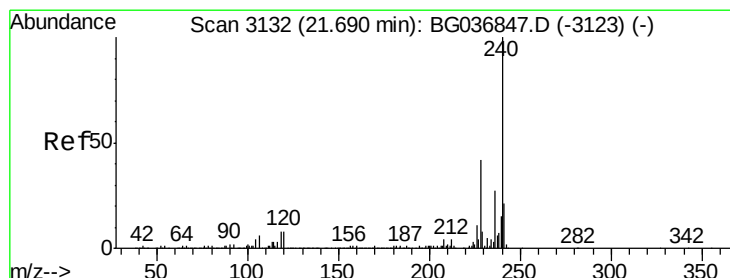
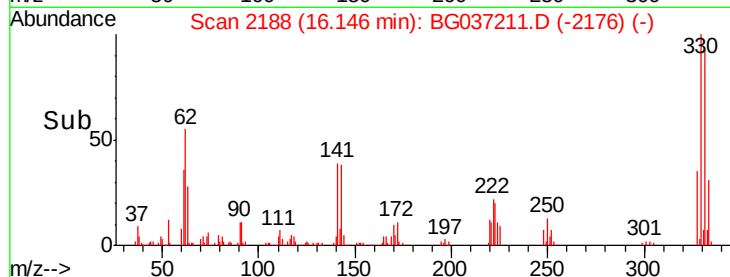
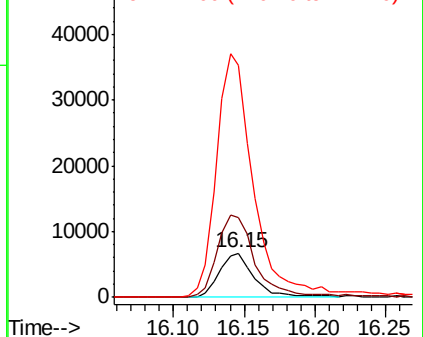
#66
 4-Bromophenyl-phenylether
 Concen: 3.260 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-100418

Tgt Ion:248 Resp: 11660
 Ion Ratio Lower Upper
 248 100
 250 178.6 78.1 117.1#
 141 523.7 53.7 80.5#

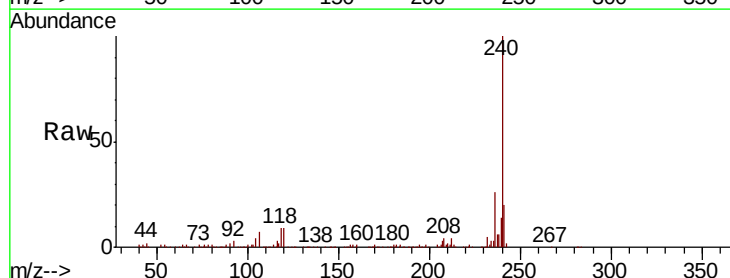


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

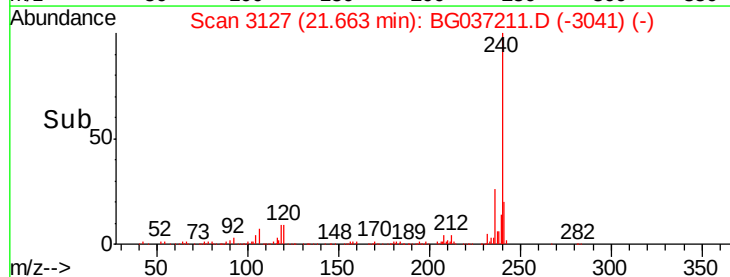
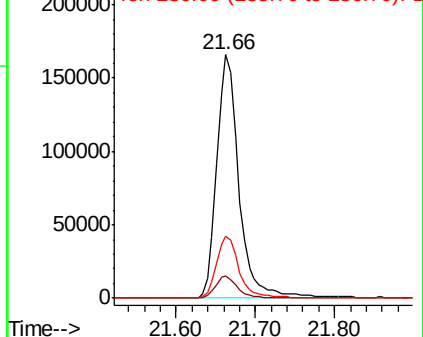


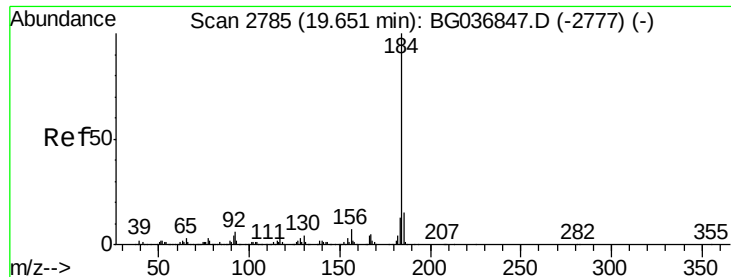
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.03 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Tgt Ion:240 Resp: 321604
 Ion Ratio Lower Upper
 240 100
 120 9.2 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

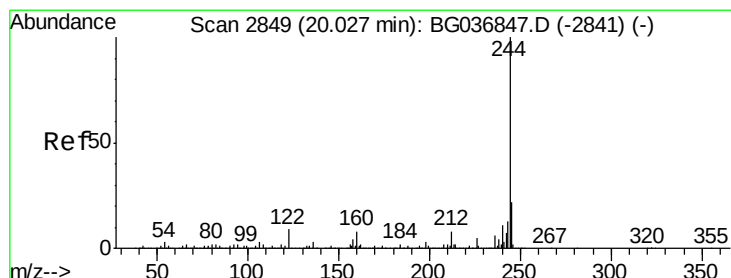
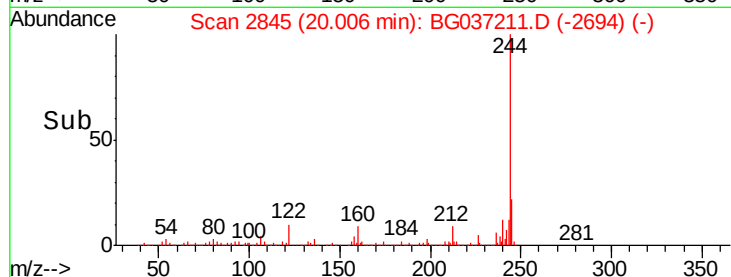
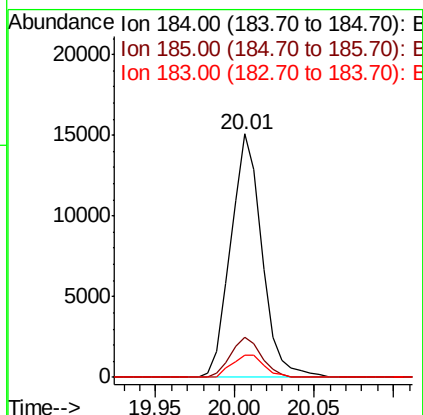
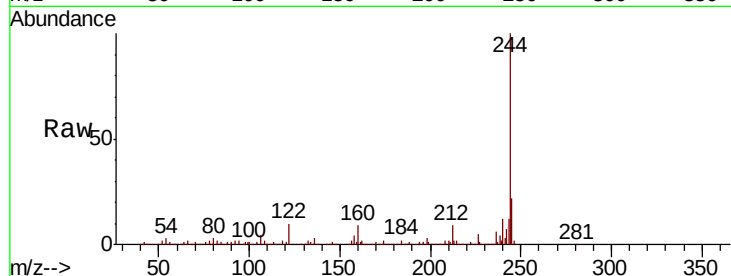




#76
Benzidine
Concen: 2.116 ng
RT: 20.01 min Scan# 2845
Delta R.T. 0.36 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

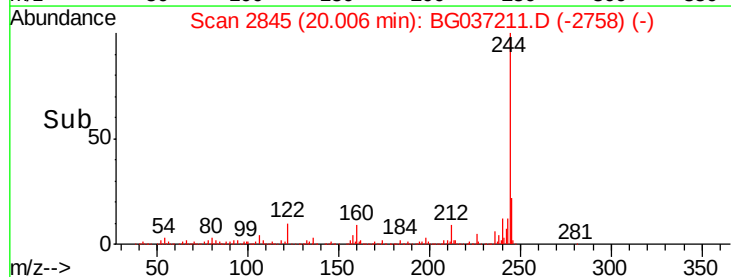
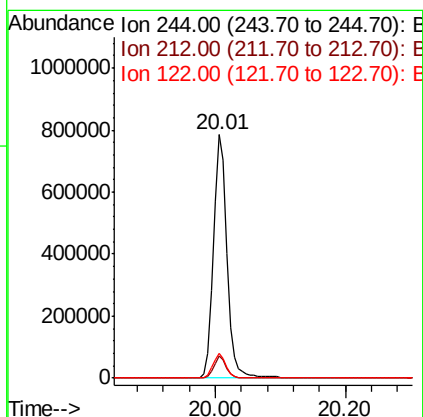
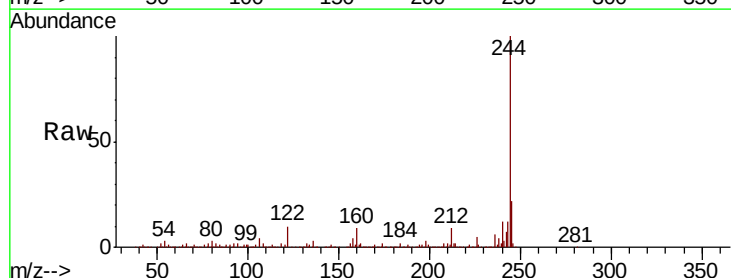
Instrument :
BNA_G
ClientSampleId :
TR-05-100418

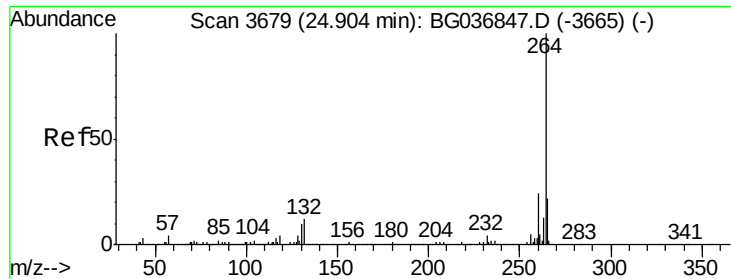
Tgt Ion:184 Resp: 20576
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 9.0 10.9 16.3#



#78
Terphenyl-d14
Concen: 92.633 ng
RT: 20.01 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Tgt Ion:244 Resp: 1132964
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 10.1 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.04 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-100418

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.6	29.4
265	20.7	17.4	26.0

