

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037219.D
 Acq On : 6 Oct 2018 19:11
 Operator : JU/SJ
 Sample : J5204-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-100318-A

Quant Time: Oct 08 04:49:28 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

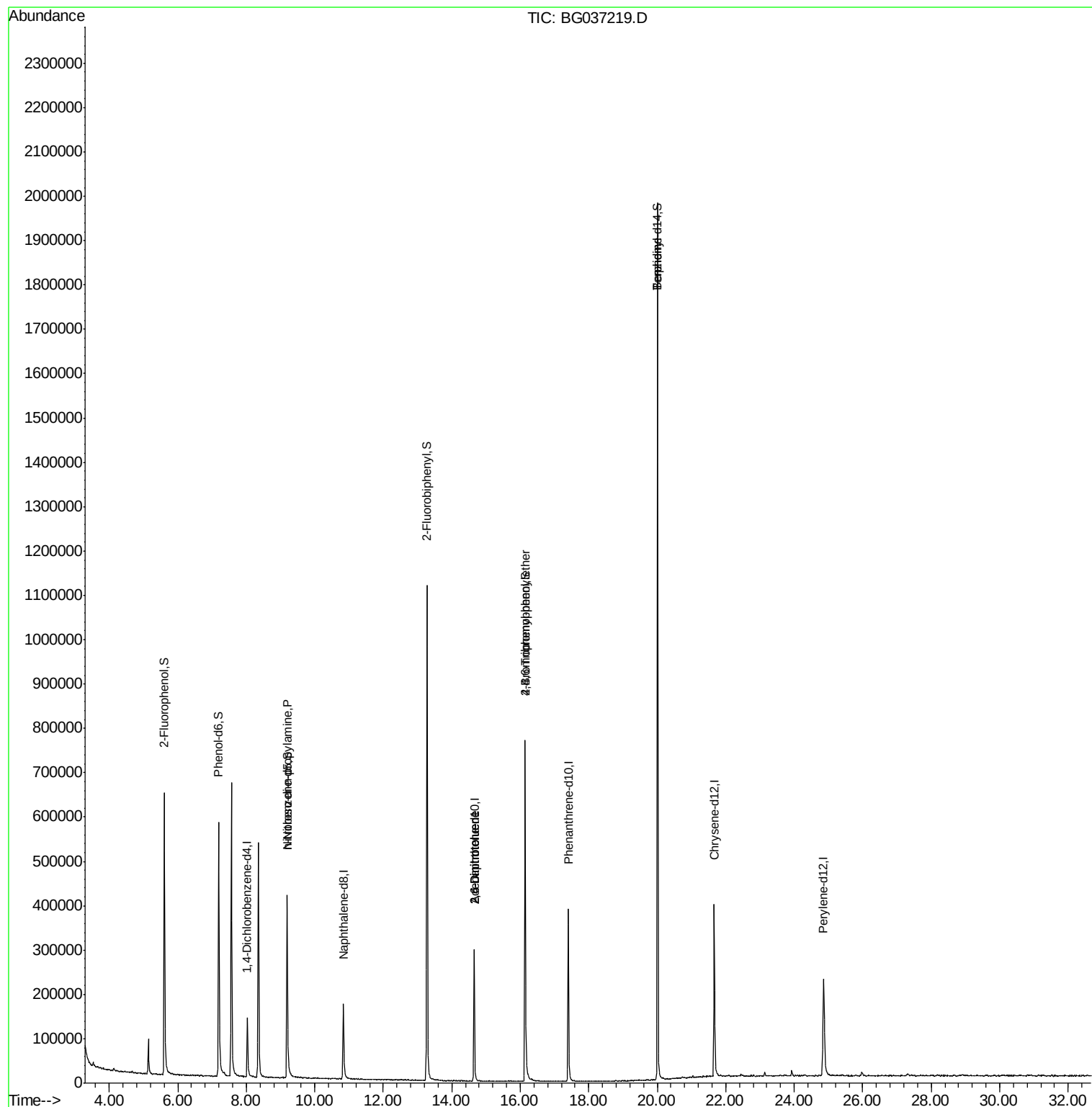
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44795	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	179708	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	113673	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	279570	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	280453	20.00	ng	-0.02
86) Perylene-d12	24.86	264	270535	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	304020	130.16	ng	-0.01
7) Phenol-d6	7.20	99	378855	104.83	ng	-0.02
23) Nitrobenzene-d5	9.19	82	311673	92.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	162791	119.70	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	637280	83.50	ng	-0.02
78) Terphenyl-d14	20.01	244	1058448	99.24	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	41658	13.857	ng	# 70
50) 2,6-Dinitrotoluene	14.65	165	14257	7.142	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	14257	5.118	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	11126	3.499	ng	# 1
76) Benzidine	20.00	184	18595	2.193	ng	# 92

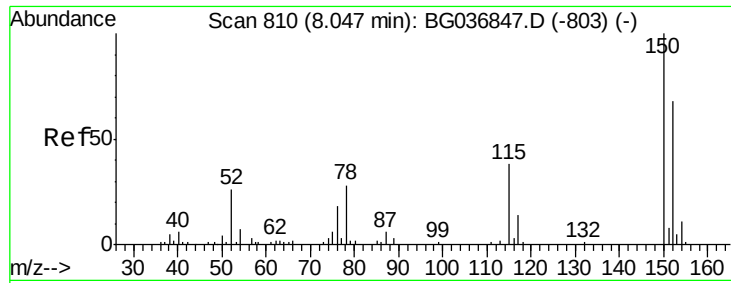
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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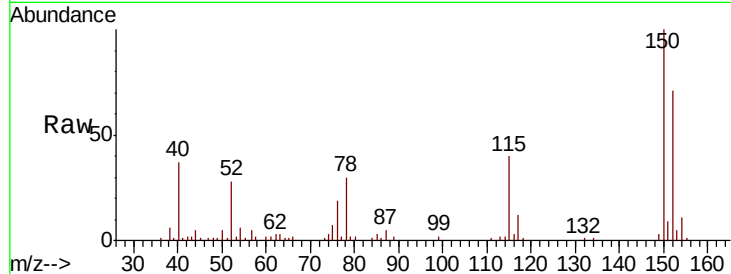


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.1	119.5	179.3
115	56.9	44.5	66.7

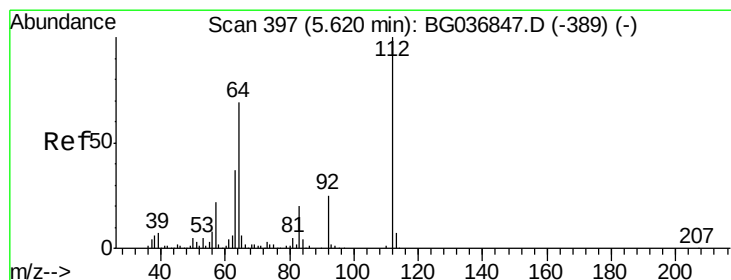
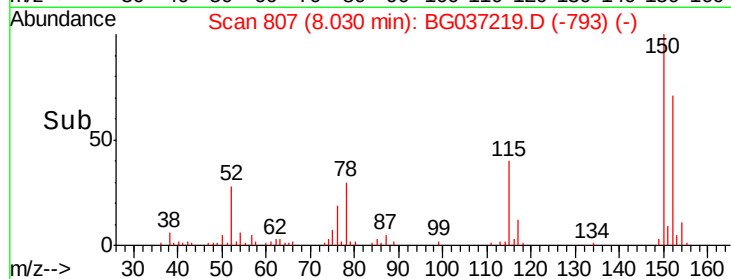
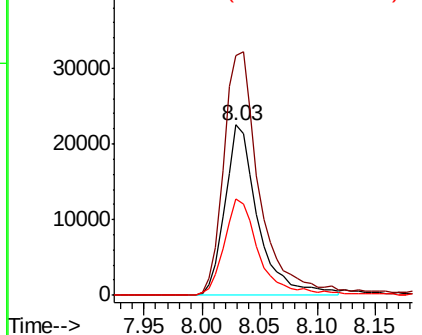


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

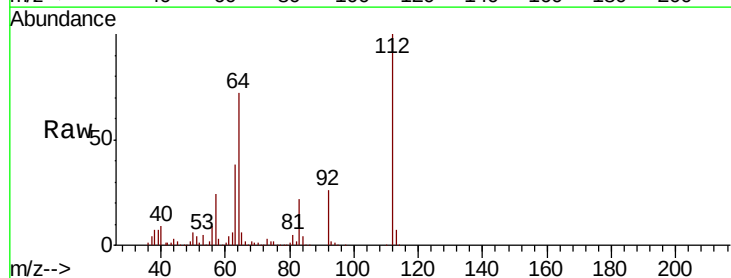
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.158 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.2	85.8
63	37.6	30.8	46.2

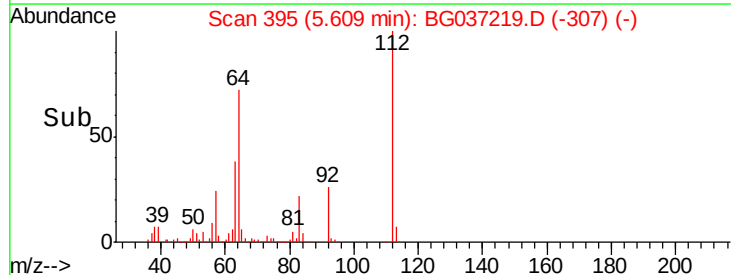
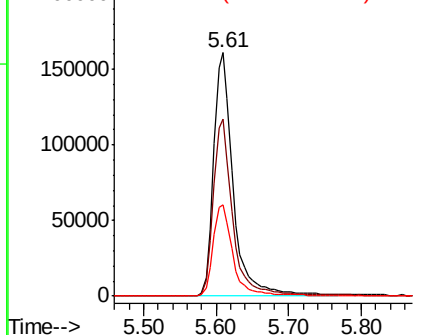


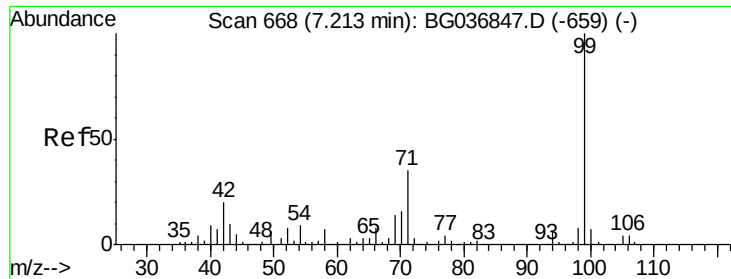
Abundance

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: 104.835 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037219.D

Acq: 6 Oct 2018 19:11

Instrument :

BNA_G

ClientSampleId :

SU-04-100318-A

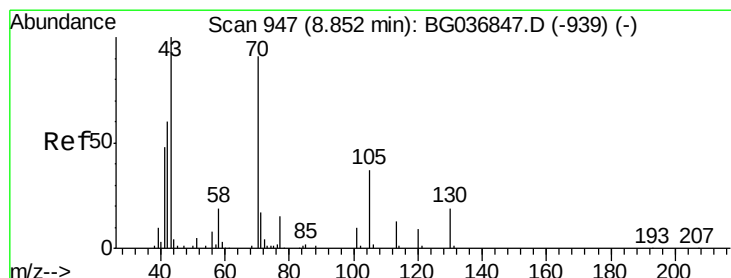
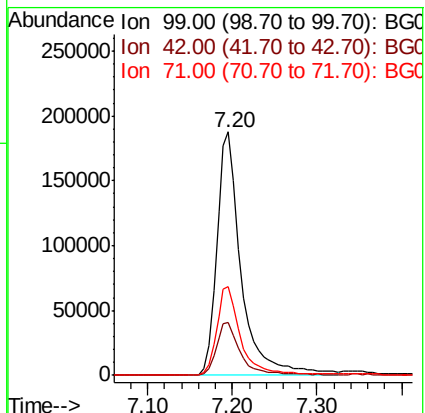
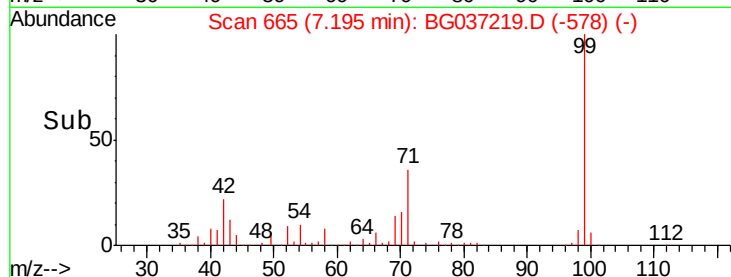
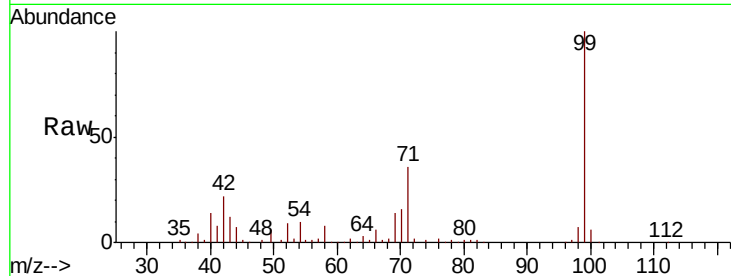
Tgt Ion: 99 Resp: 378855

Ion Ratio Lower Upper

99 100

42 21.6 16.5 24.7

71 36.2 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.857 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037219.D

Acq: 6 Oct 2018 19:11

Tgt Ion: 70 Resp: 41658

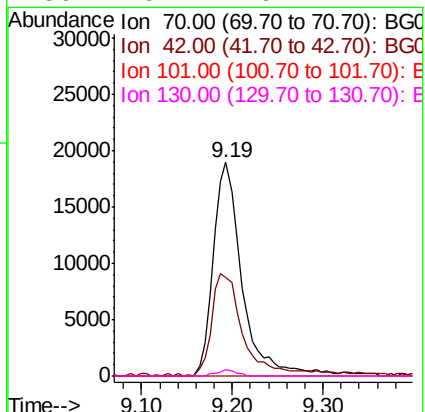
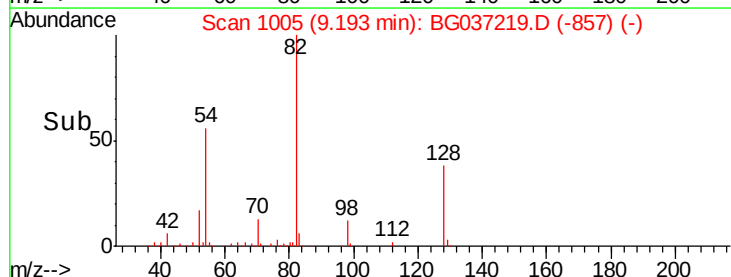
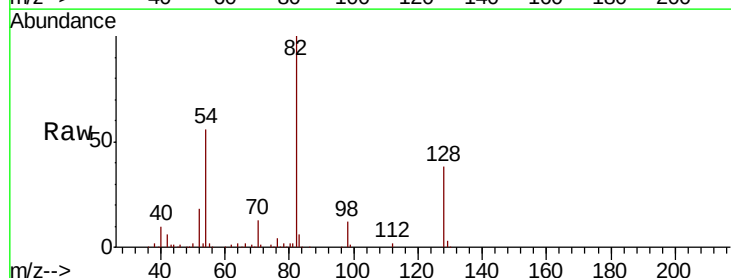
Ion Ratio Lower Upper

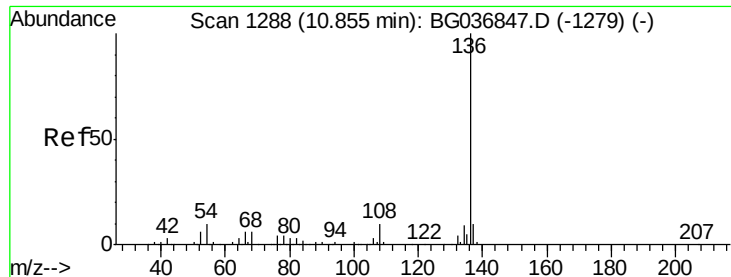
70 100

42 46.4 56.2 84.4#

101 0.0 7.8 11.6#

130 3.2 16.2 24.2#

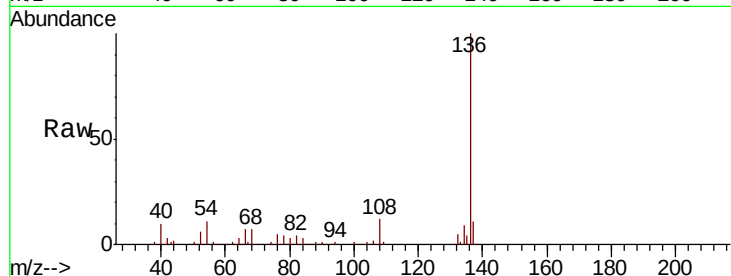




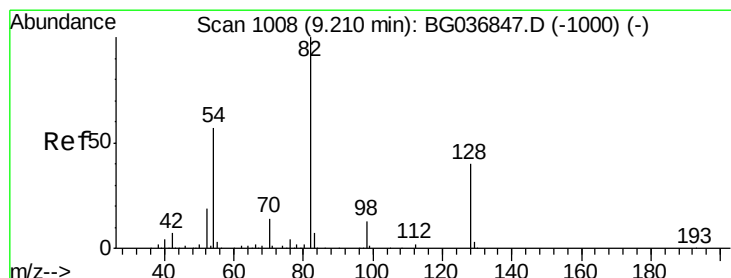
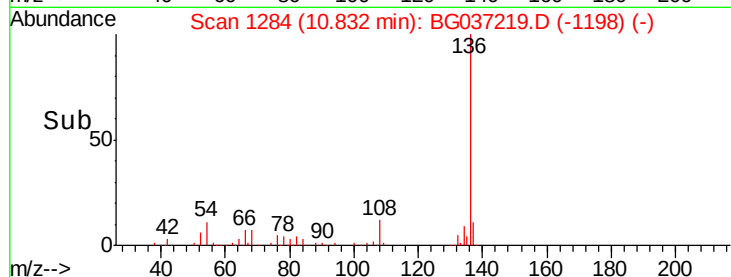
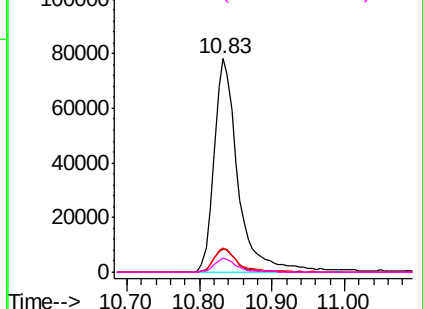
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-A

Tgt Ion:	136	Resp:	179708
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.4	9.2	13.8
68	6.7	5.8	8.6

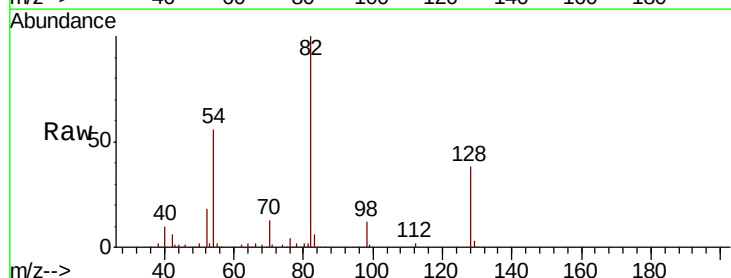


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

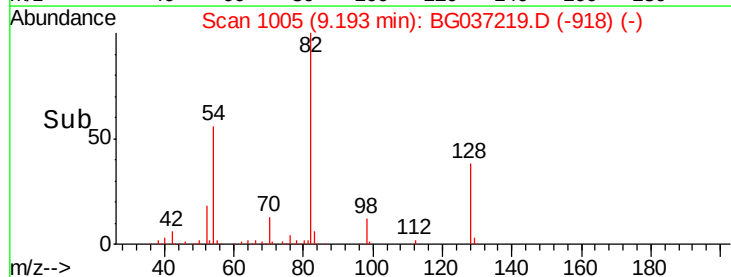
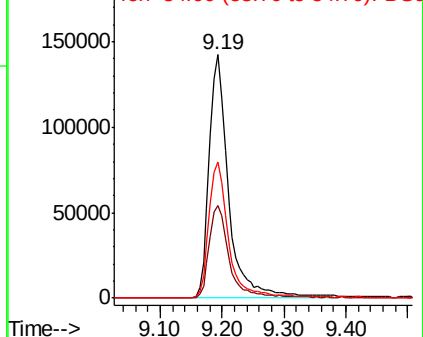


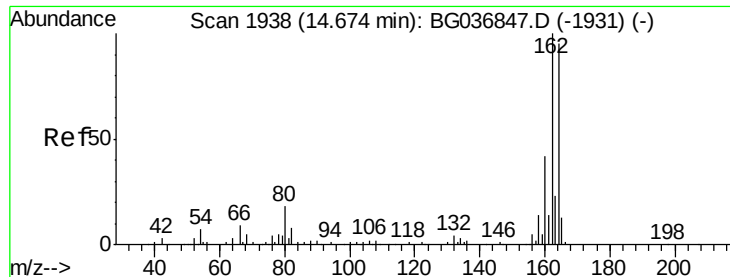
#23
Nitrobenzene-d5
Concen: 92.875 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Tgt Ion:	82	Resp:	311673
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.3	49.9
54	55.9	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: 14.65 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG037219.D

Acq: 6 Oct 2018 19:11

Instrument :

BNA_G

ClientSampleId :

SU-04-100318-A

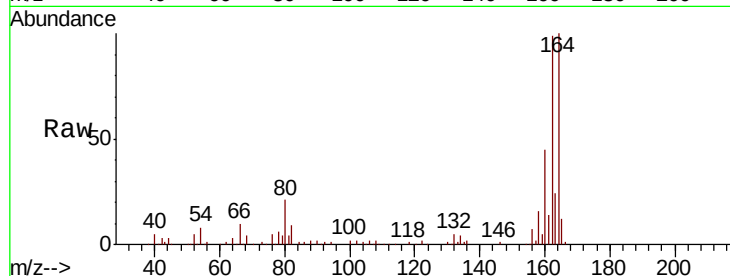
Tgt Ion:164 Resp: 113673

Ion Ratio Lower Upper

164 100

162 98.5 80.7 121.1

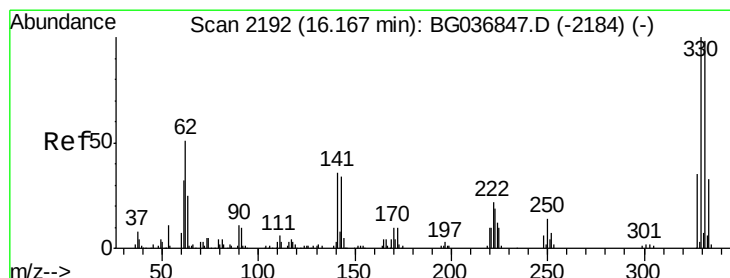
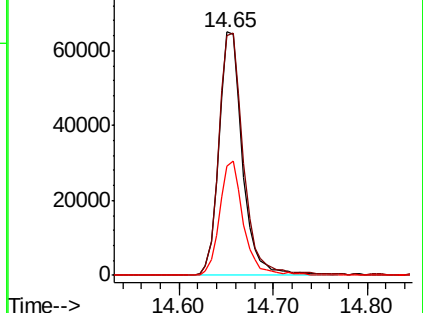
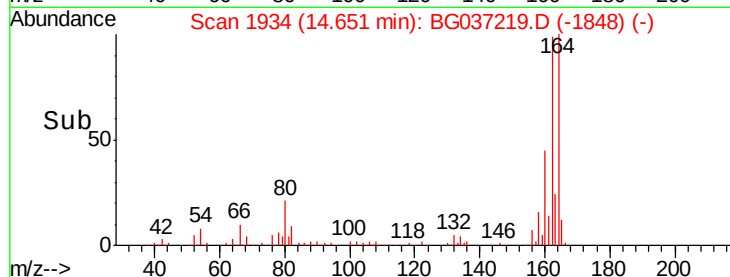
160 44.7 35.3 52.9



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: 119.697 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037219.D

Acq: 6 Oct 2018 19:11

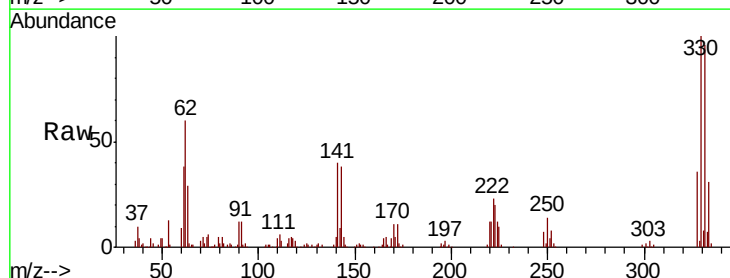
Tgt Ion:330 Resp: 162791

Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.2

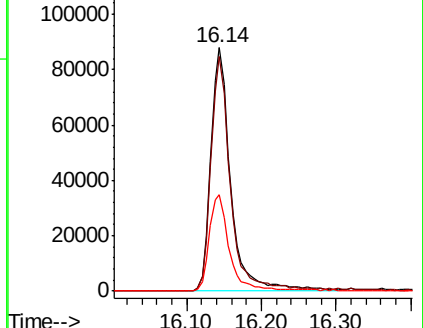
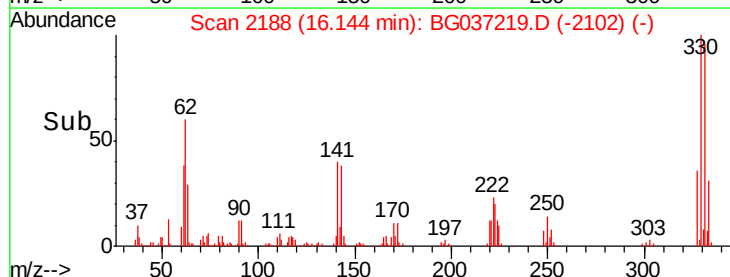
141 40.7 30.7 46.1

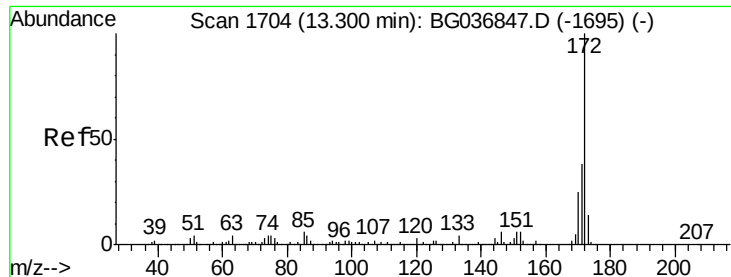


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

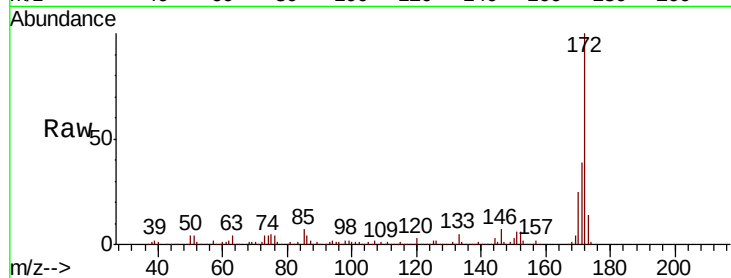




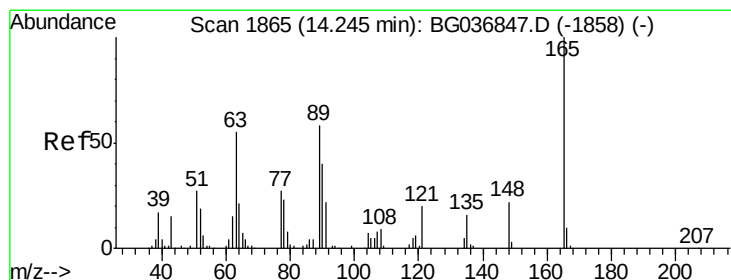
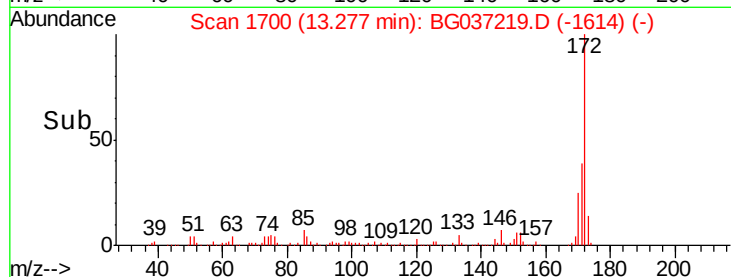
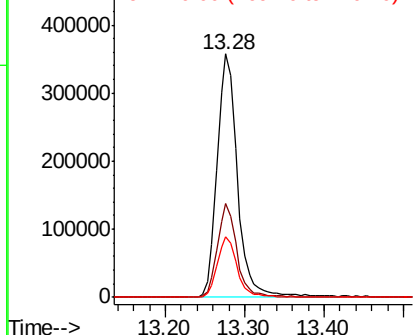
#44
2-Fluorobiphenyl
Concen: 83.499 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-A

Tgt Ion:172 Resp: 637280
Ion Ratio Lower Upper
172 100
171 38.8 31.3 46.9
170 24.9 21.0 31.6

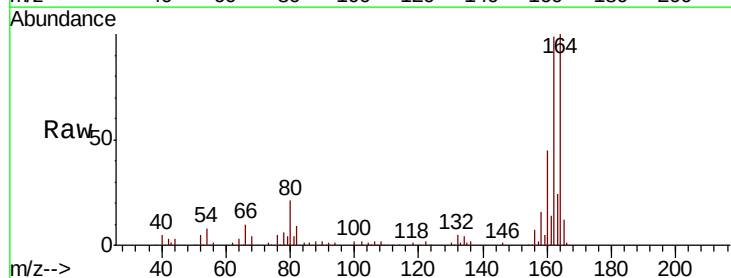


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

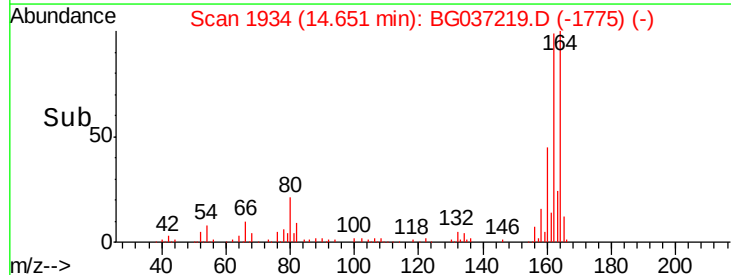
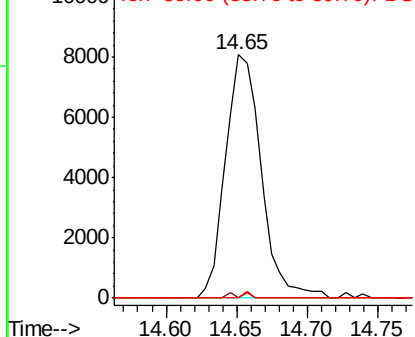


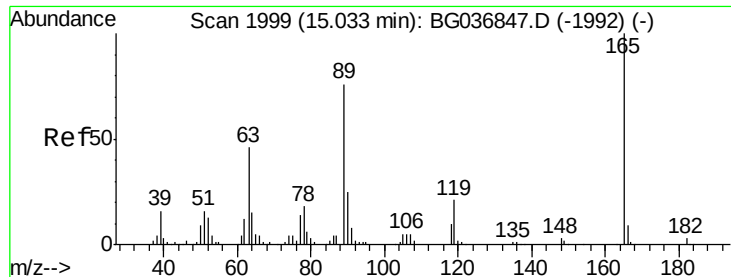
#50
2,6-Dinitrotoluene
Concen: 7.142 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Tgt Ion:165 Resp: 14257
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 47.8 71.6#



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

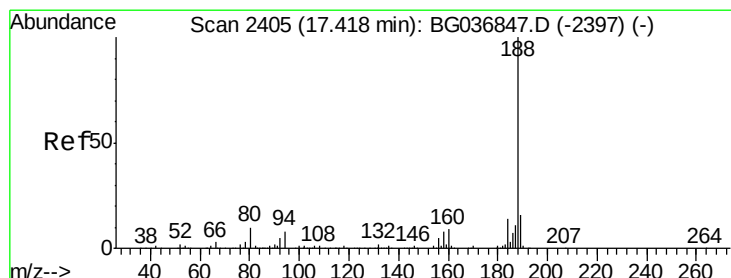
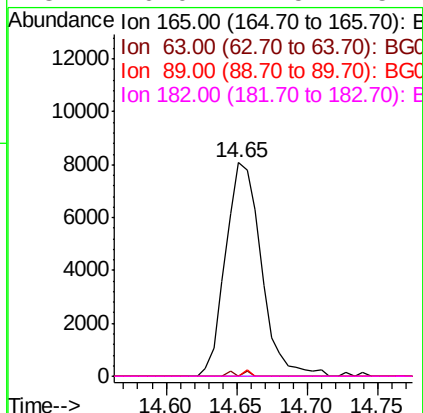
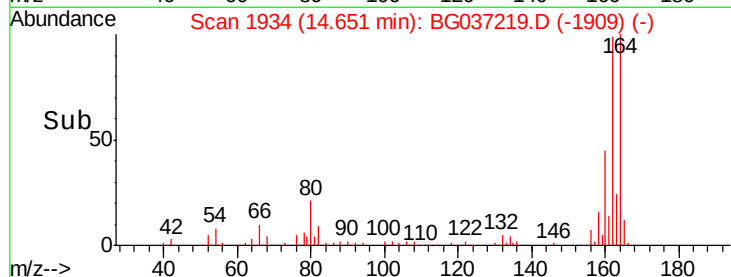
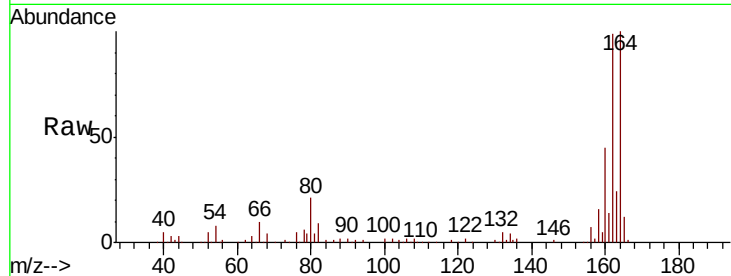




#56
 2,4-Dinitrotoluene
 Concen: 5.118 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037219.D
 Acq: 6 Oct 2018 19:11

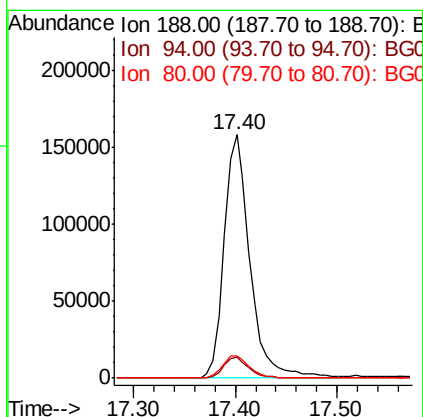
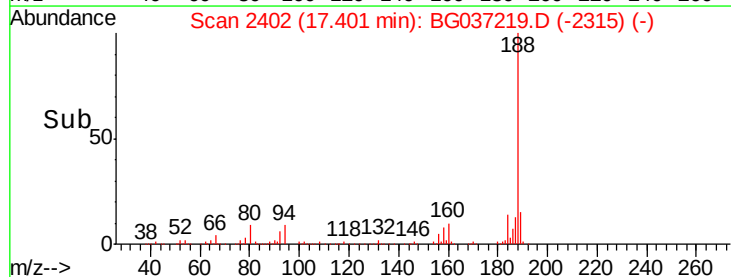
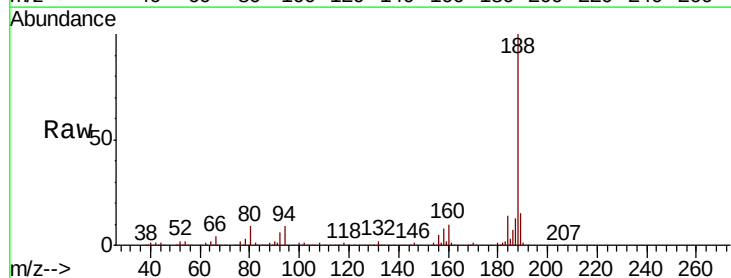
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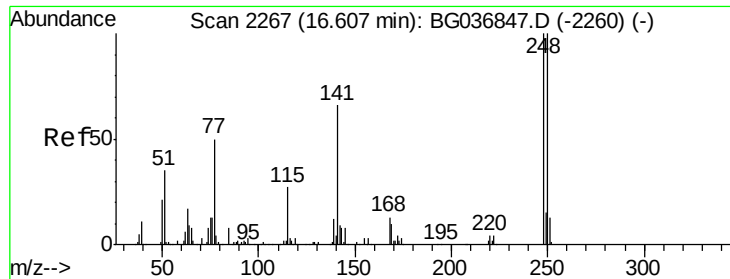
Tgt Ion:	165	Resp:	14257
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037219.D
 Acq: 6 Oct 2018 19:11

Tgt Ion:	188	Resp:	279570
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.3	8.1	12.1

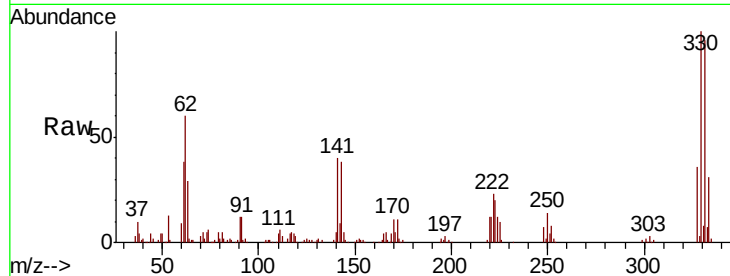




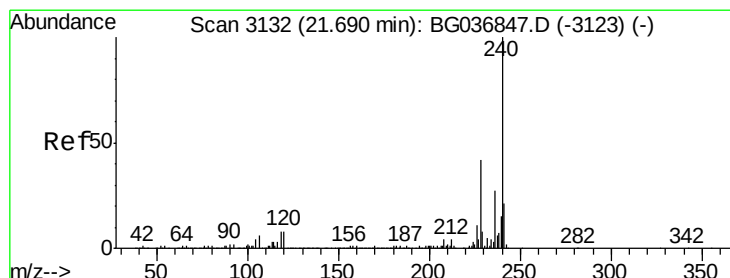
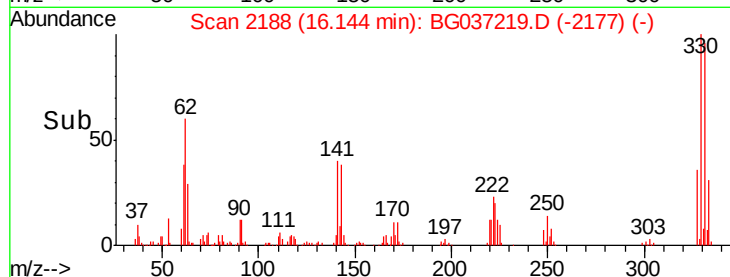
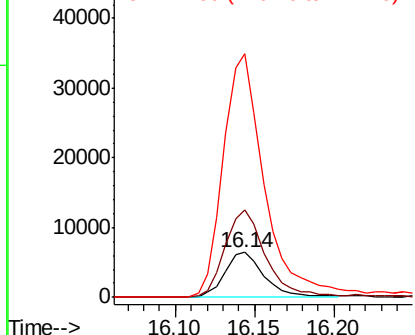
#66
 4-Bromophenyl-phenylether
 Concen: 3.499 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037219.D
 Acq: 6 Oct 2018 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-100318-A

Tgt Ion:248 Resp: 11126
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.1 117.1#
 141 546.0 53.7 80.5#

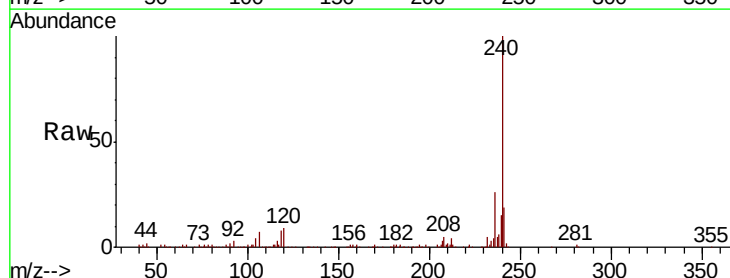


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

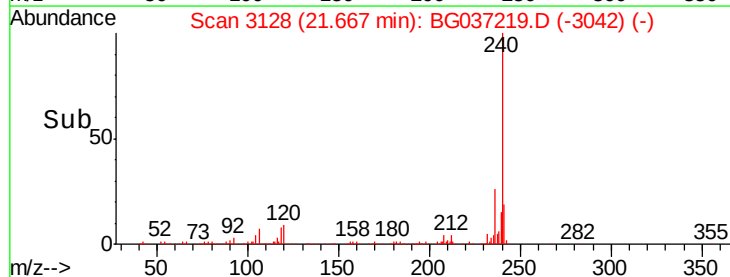
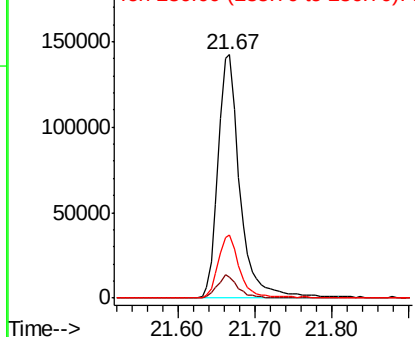


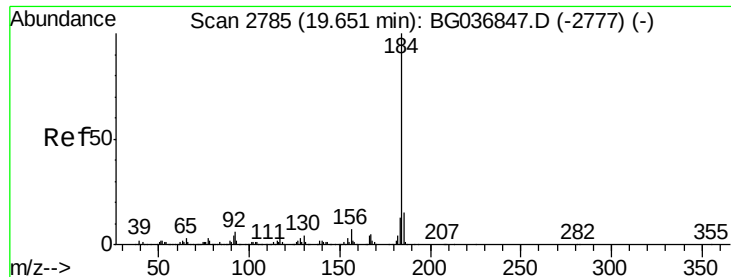
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037219.D
 Acq: 6 Oct 2018 19:11

Tgt Ion:240 Resp: 280453
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 25.8 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

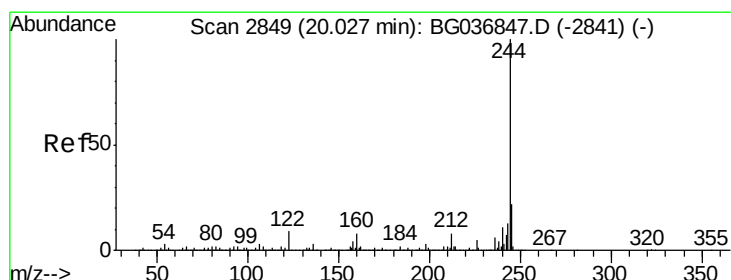
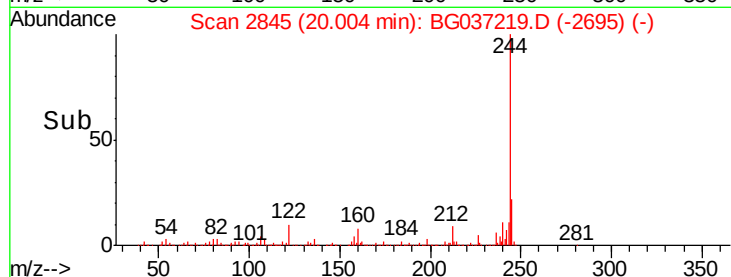
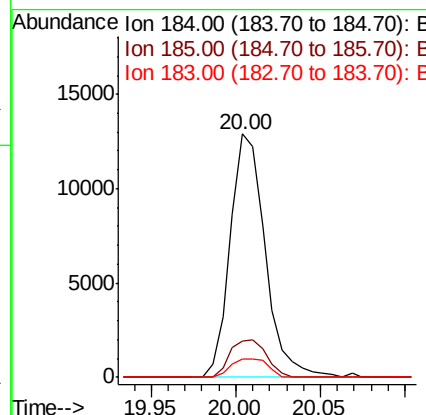
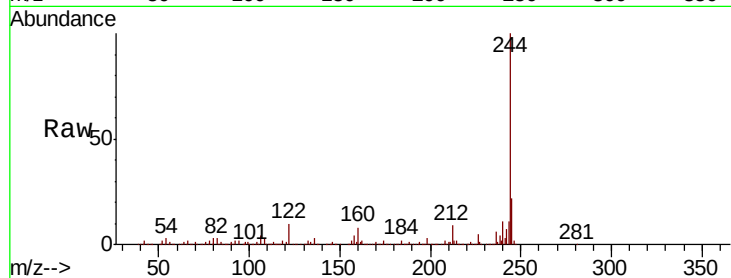




#76
Benzidine
Concen: 2.193 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.35 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

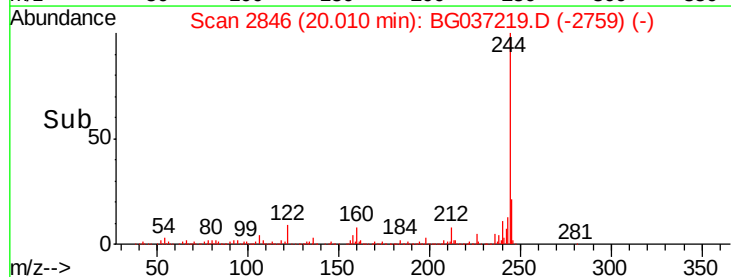
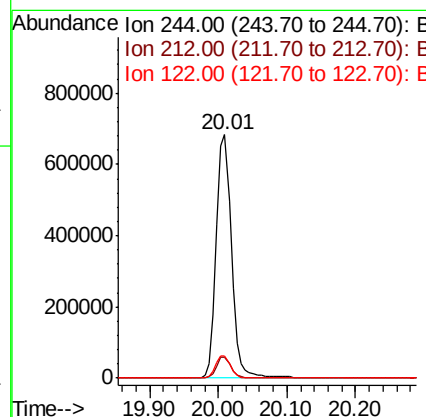
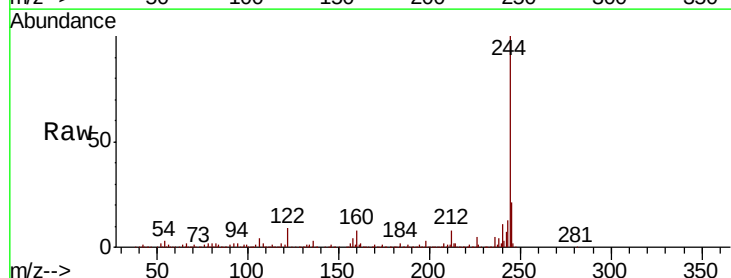
Instrument :
BNA_G
ClientSampleId :
SU-04-100318-A

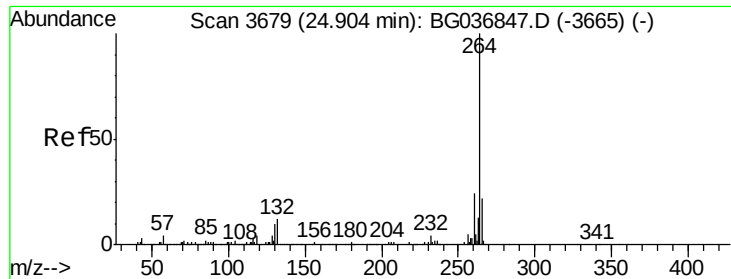
Tgt Ion:184 Resp: 18595
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 7.4 10.9 16.3#



#78
Terphenyl-d14
Concen: 99.239 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Tgt Ion:244 Resp: 1058448
Ion Ratio Lower Upper
244 100
212 8.3 7.0 10.6
122 9.1 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.05 min
Lab File: BG037219.D
Acq: 6 Oct 2018 19:11

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-A

Tgt Ion:	264	Resp:	270535
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	20.9	17.4	26.0

