

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037194.D
 Acq On : 5 Oct 2018 17:44
 Operator : JU/SJ
 Sample : J5263-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID19-COMP-100318

Quant Time: Oct 05 19:00:27 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

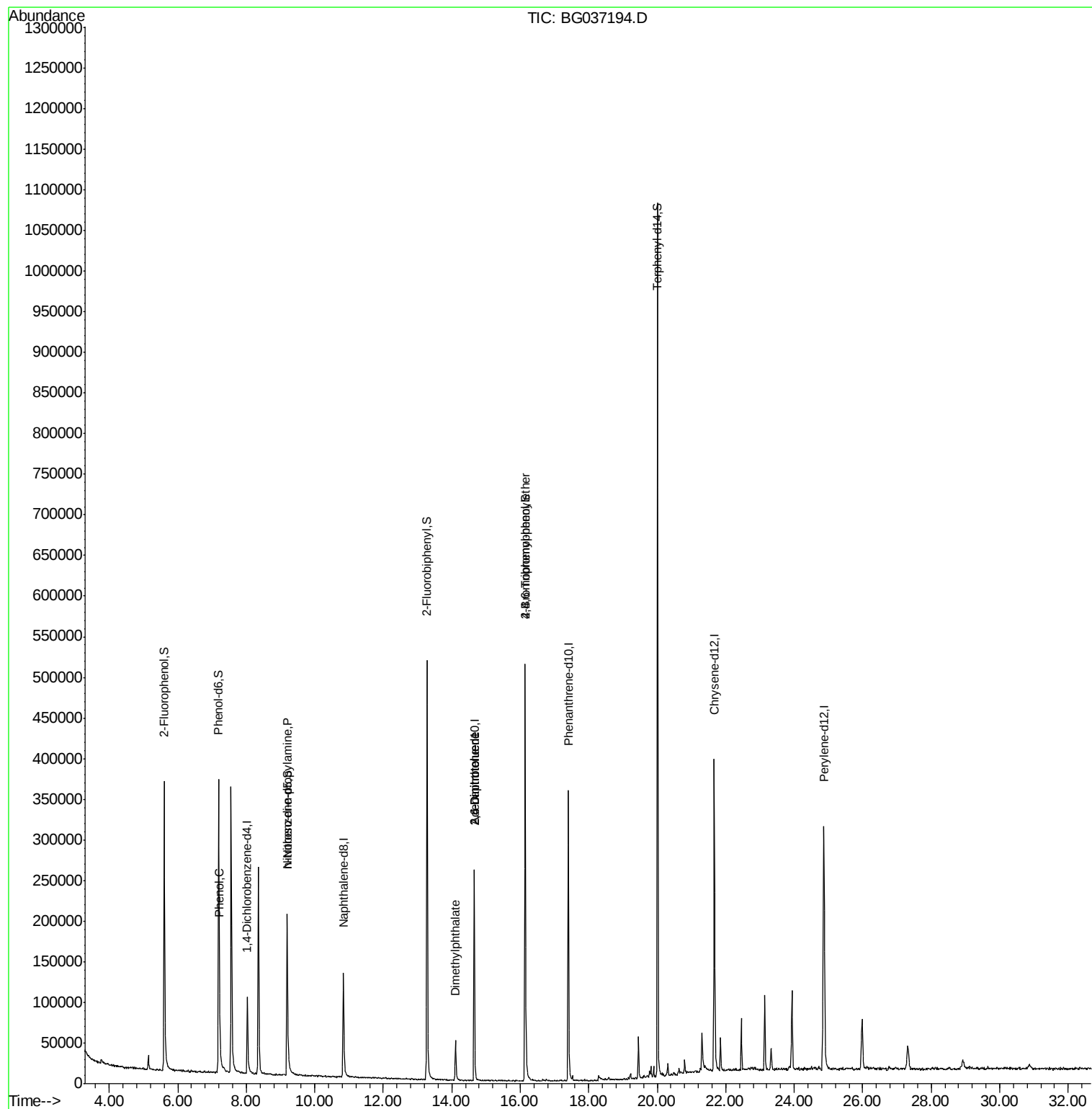
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33126	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	140655	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	96728	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	254107	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	254257	20.00	ng	-0.02
86) Perylene-d12	24.86	264	257252	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177036	102.49	ng	-0.02
7) Phenol-d6	7.19	99	255189	95.49	ng	-0.02
23) Nitrobenzene-d5	9.19	82	164909	62.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	103355	89.31	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	306963	47.27	ng	-0.02
78) Terphenyl-d14	20.01	244	570988	59.05	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	11221	4.068	ng	# 59
19) n-Nitroso-di-n-propylamine	9.19	70	21283	9.573	ng	# 73
49) Dimethylphthalate	14.11	163	43327	5.565	ng	# 98
50) 2,6-Dinitrotoluene	14.65	165	12157	7.156	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	12157	5.129	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	7181	2.484	ng	# 1

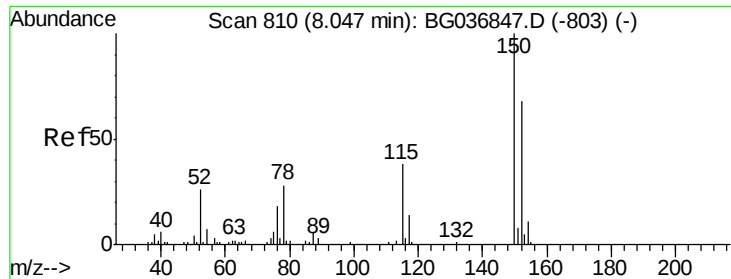
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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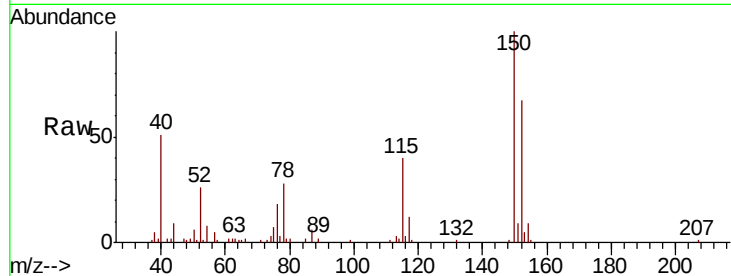


#1

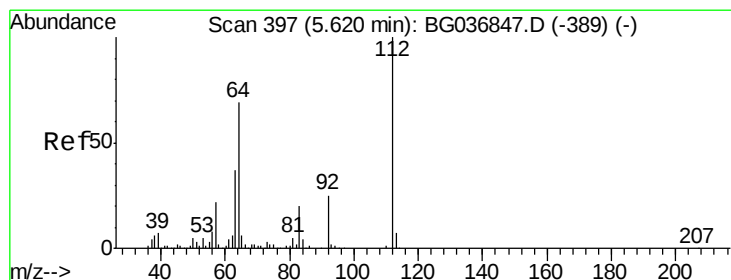
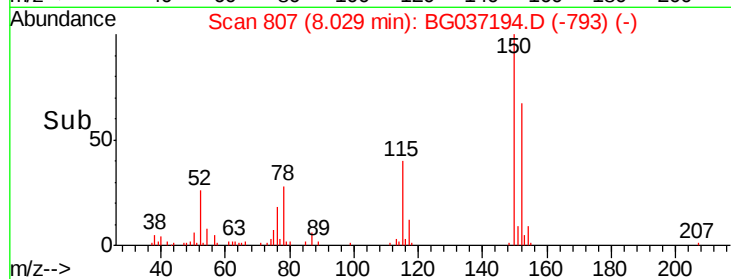
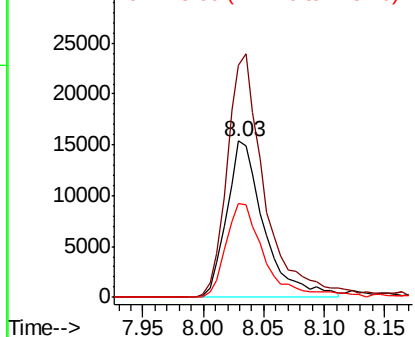
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

Tot Ion:152 Resp: 33126
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 59.8 44.5 66.7



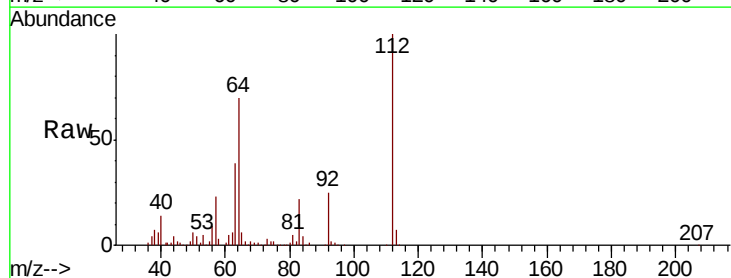
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



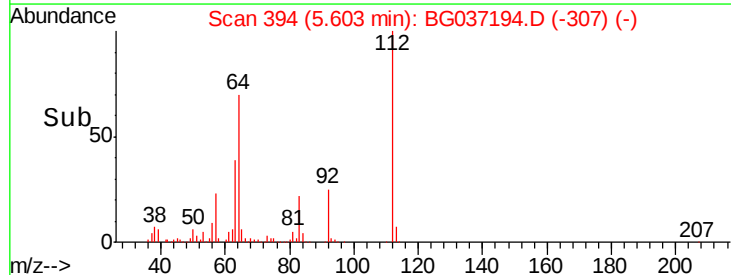
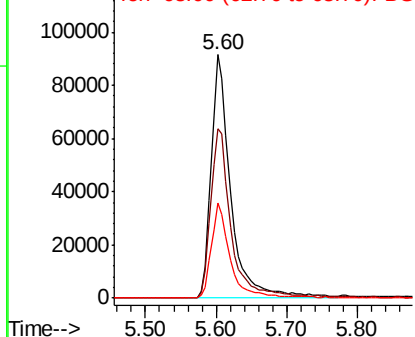
#5

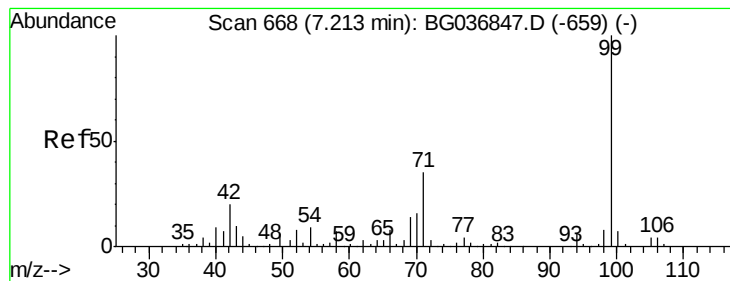
2-Fluorophenol
Concen: 102.492 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion:112 Resp: 177036
Ion Ratio Lower Upper
112 100
64 69.8 57.2 85.8
63 38.9 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: 95.489 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

Instrument :

BNA_G

ClientSampleId :

GRID19-COMP-100318

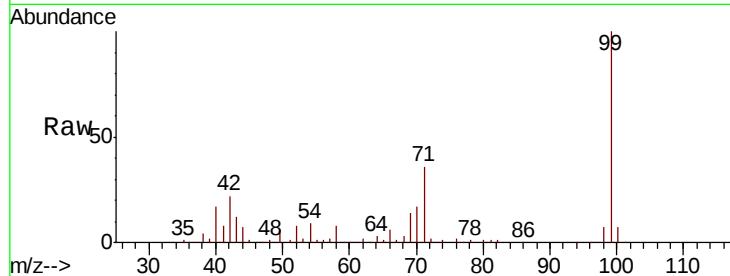
Tot Ion: 99 Resp: 255189

Ion Ratio Lower Upper

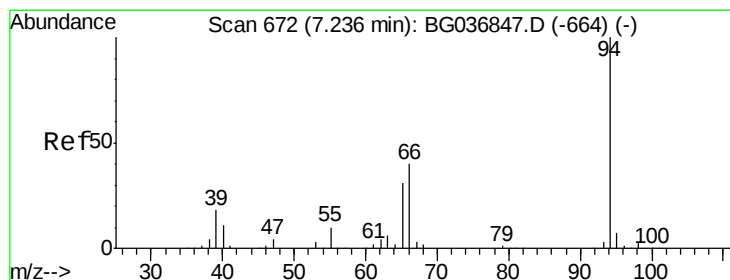
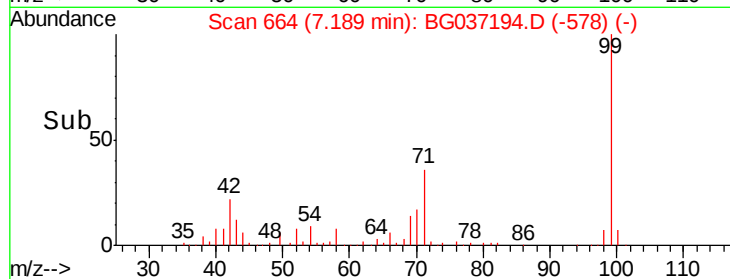
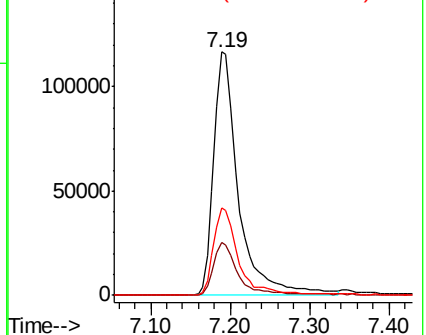
99 100

42 21.8 16.5 24.7

71 36.2 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



#10

Phenol

Concen: 4.068 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

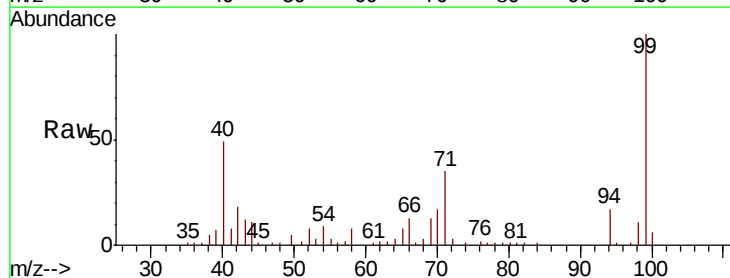
Tgt Ion: 94 Resp: 11221

Ion Ratio Lower Upper

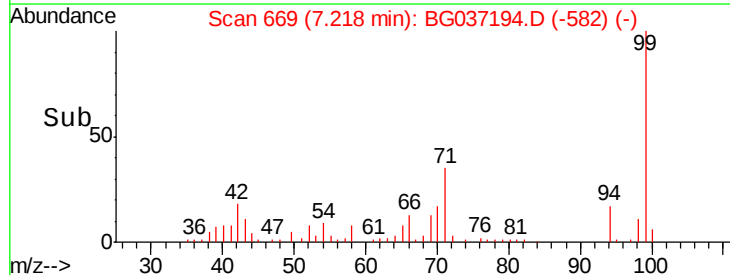
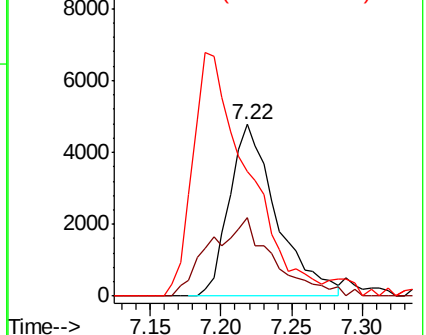
94 100

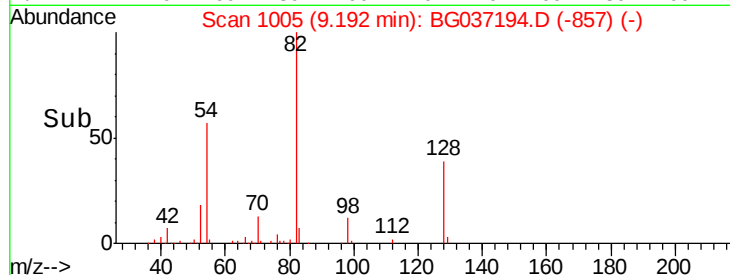
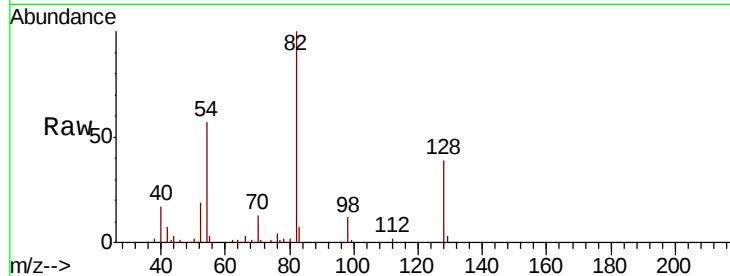
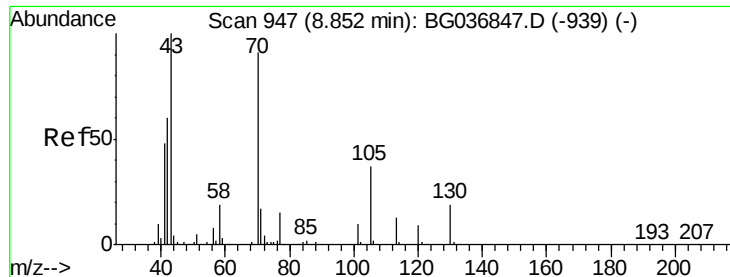
65 45.7 11.5 51.5

66 72.3 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

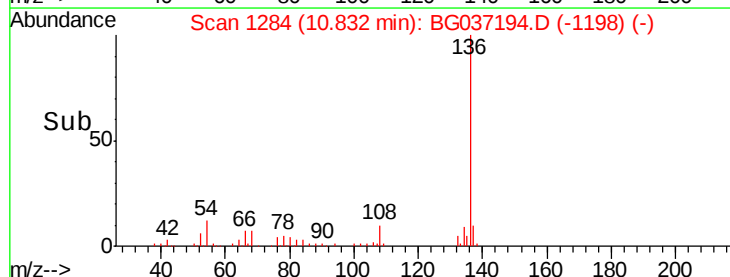
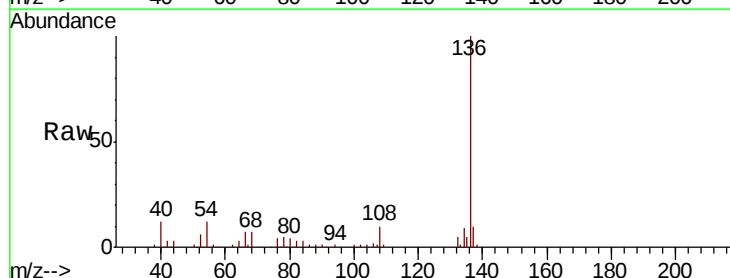
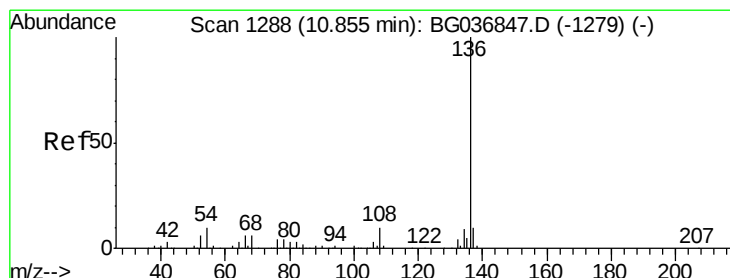
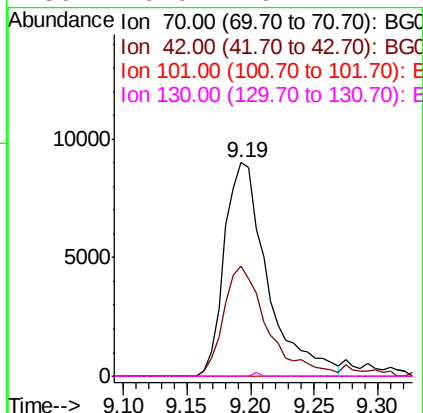




#19
n-Nitroso-di-n-propylamine
Concen: 9.573 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

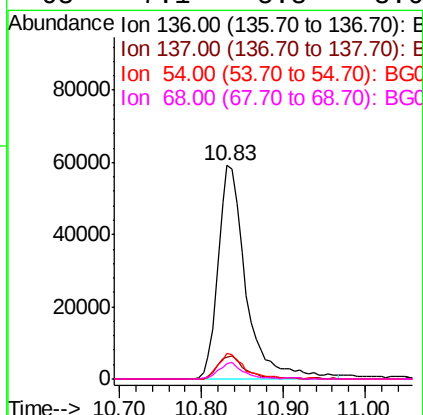
Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

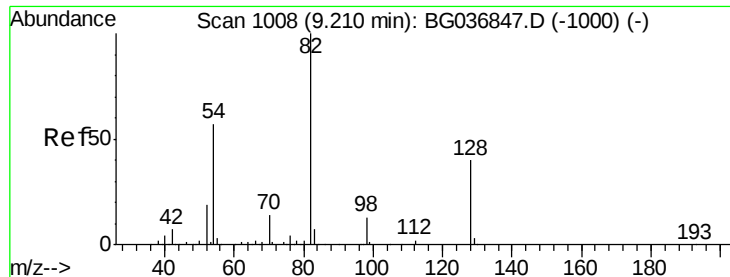
Tot Ion: 70 Resp: 21283
Ion Ratio Lower Upper
70 100
42 51.8 56.2 84.4#
101 0.0 7.8 11.6#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion: 136 Resp: 140655
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 11.7 9.2 13.8
68 7.1 5.8 8.6

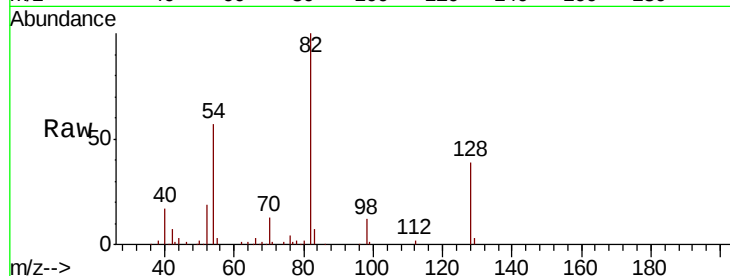




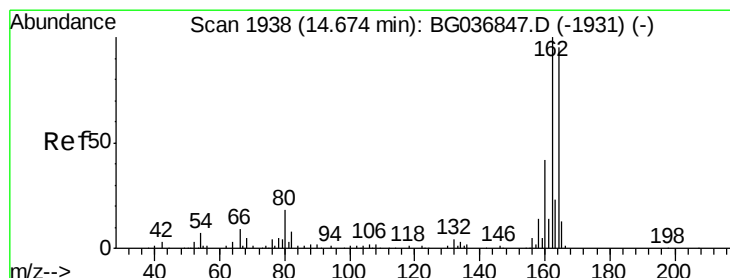
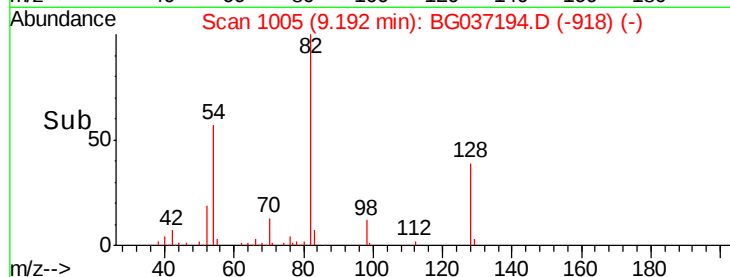
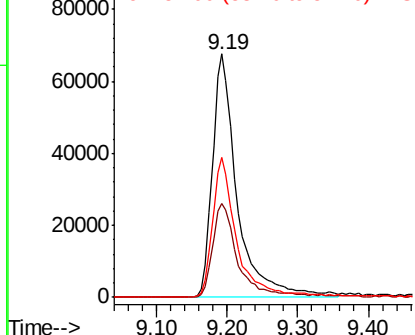
#23
 Nitrobenzene-d5
 Concen: 62.785 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037194.D
 Acq: 5 Oct 2018 17:44

Instrument :
 BNA_G
 ClientSampleId :
 GRID19-COMP-100318

Tot Ion	82	Resp	164909
Ion Ratio	Lower	Upper	
82	100		
128	38.5	33.3	49.9
54	57.5	45.1	67.7

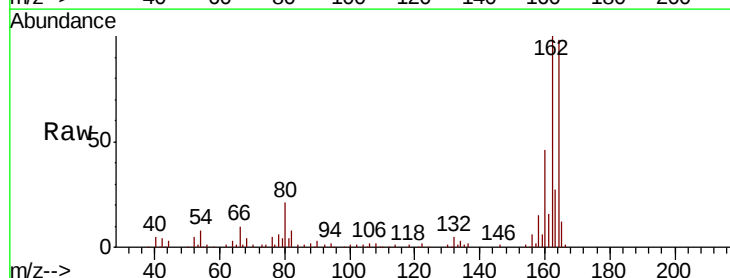


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

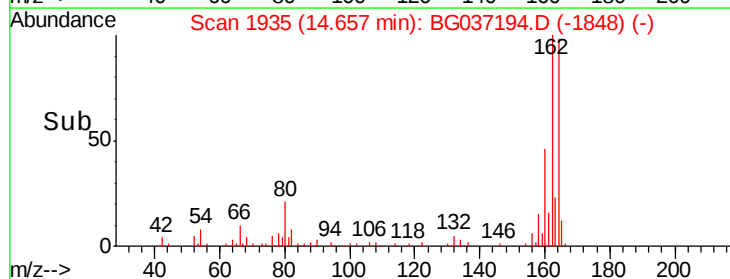
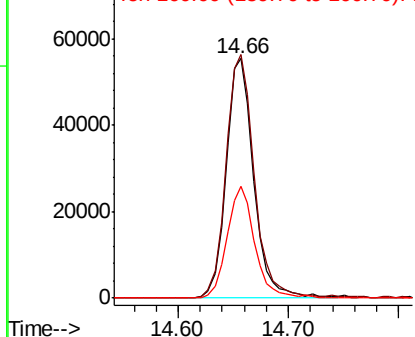


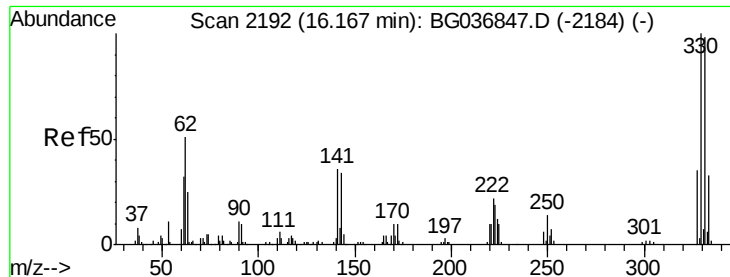
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037194.D
 Acq: 5 Oct 2018 17:44

Tgt Ion	164	Resp	96728
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.7	121.1
160	46.9	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

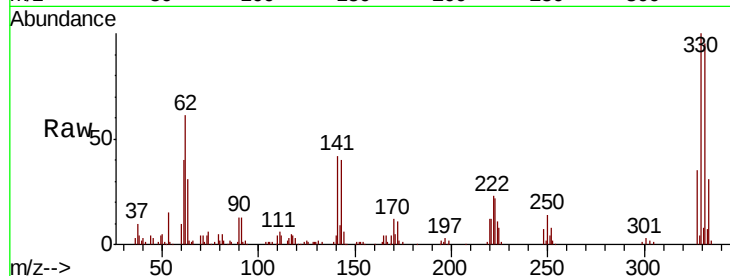




#41
 2,4,6-Tribromophenol
 Concen: 89.308 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037194.D
 Acq: 5 Oct 2018 17:44

Instrument :
 BNA_G
 ClientSampleId :
 GRID19-COMP-100318

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	41.0	30.7	46.1

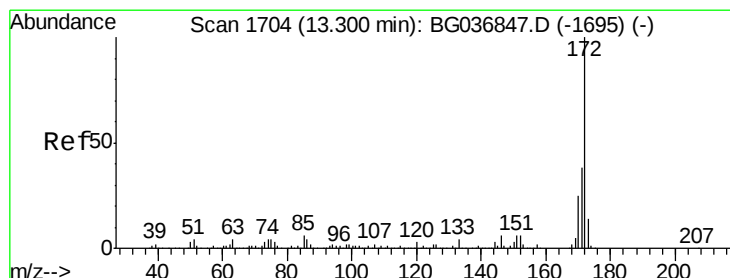
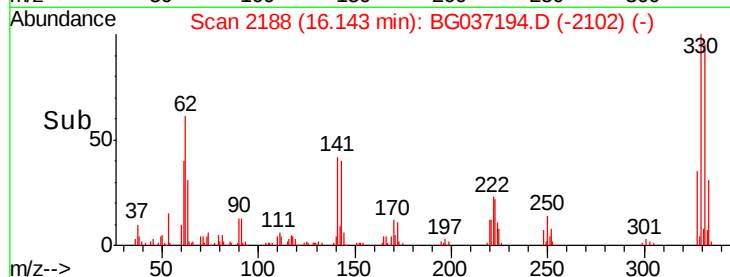
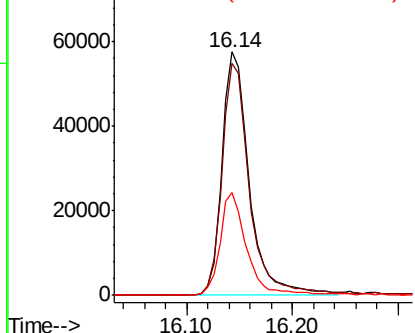


Abundance

Ion 329.80 (329.50 to 330.50): E

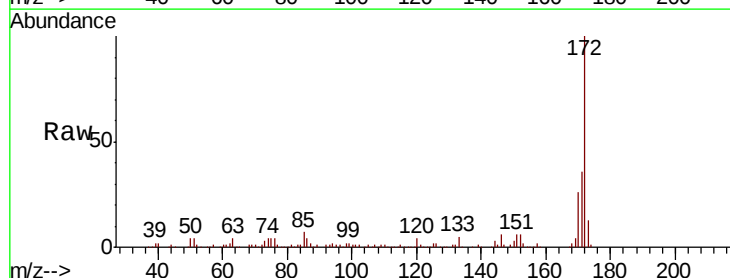
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 47.265 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037194.D
 Acq: 5 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.3	46.9
170	26.0	21.0	31.6

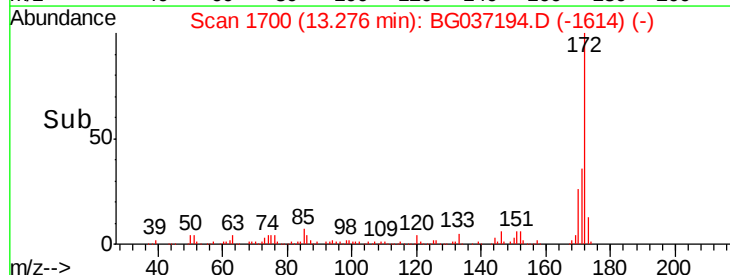
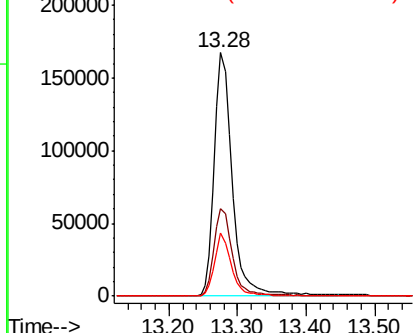


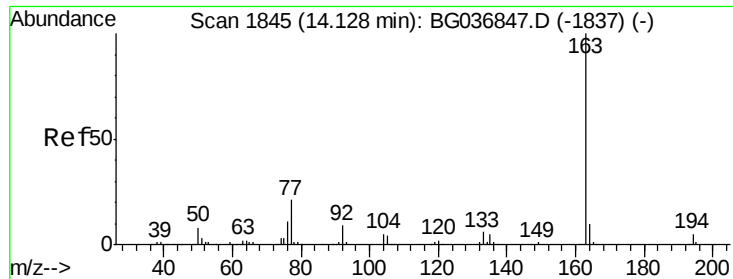
Abundance

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

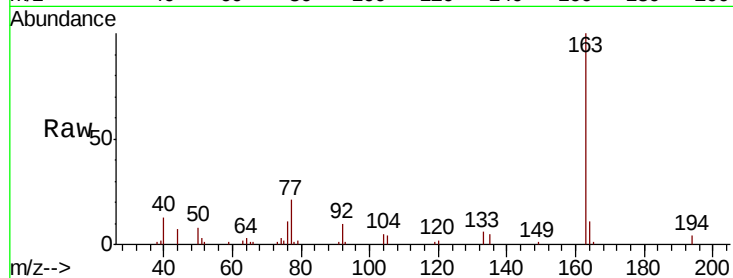




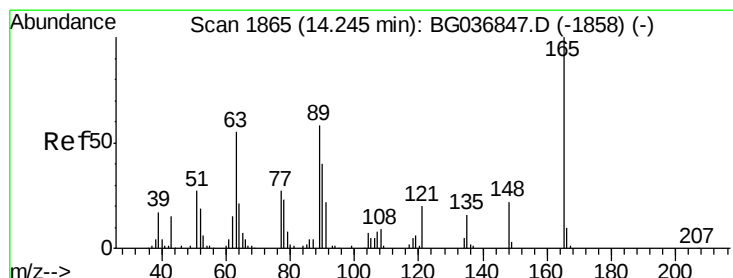
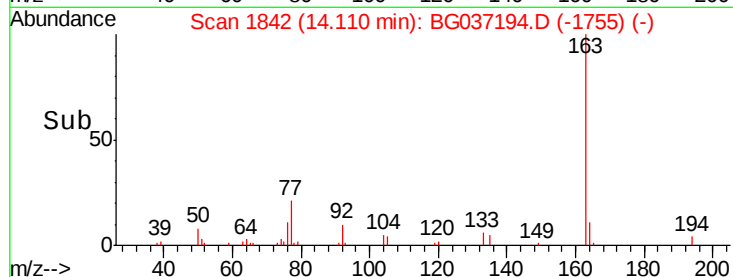
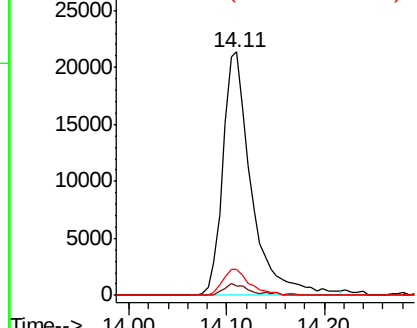
#49
Dimethylphthalate
Concen: 5.565 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

Tot Ion:163 Resp: 43327
Ion Ratio Lower Upper
163 100
194 3.8 4.0 6.0#
164 10.7 8.1 12.1

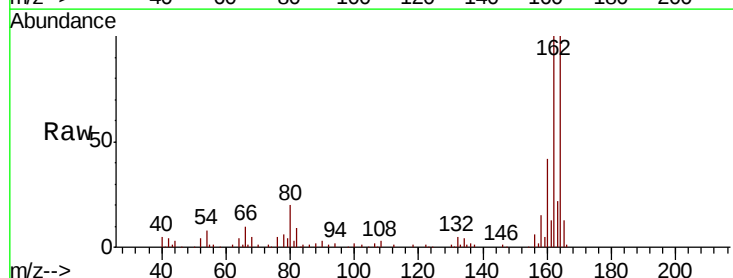


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

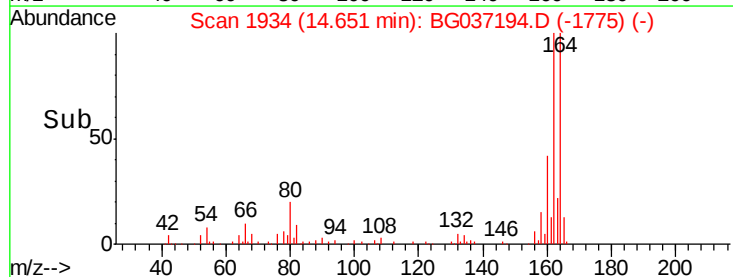
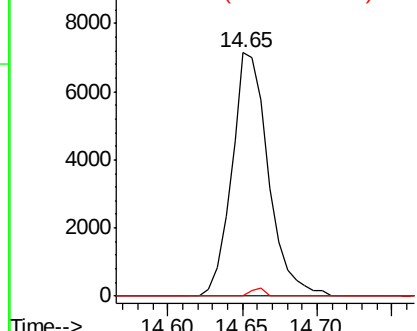


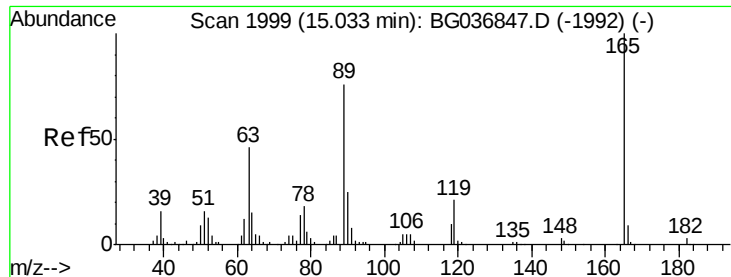
#50
2,6-Dinitrotoluene
Concen: 7.156 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion:165 Resp: 12157
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): BG
Ion 89.00 (88.70 to 89.70): BG

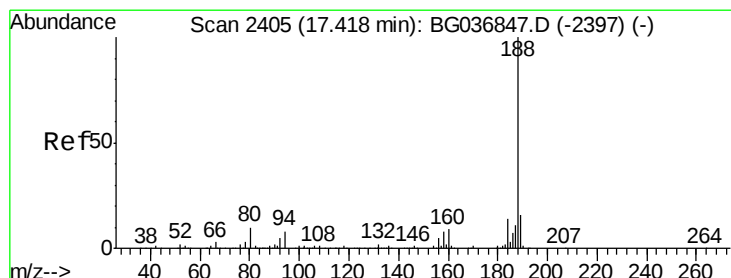
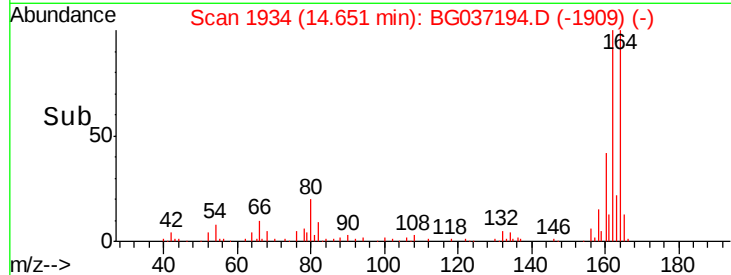
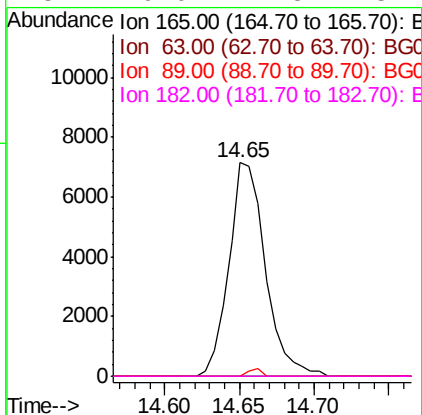
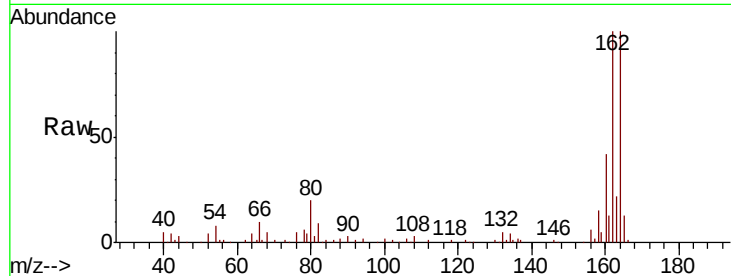




#56
 2,4-Dinitrotoluene
 Concen: 5.129 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037194.D
 Acq: 5 Oct 2018 17:44

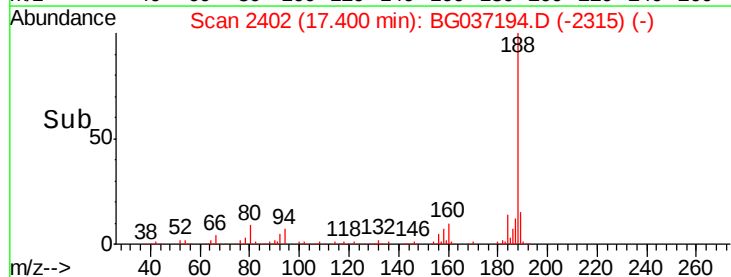
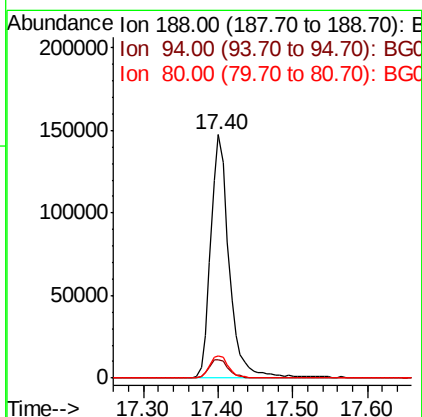
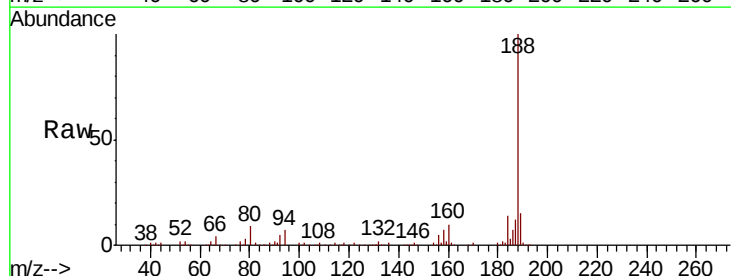
Instrument :
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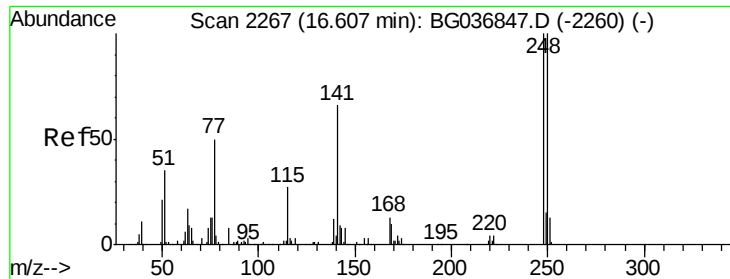
Tot Ion:165	Resp:	12157
Ion Ratio	Lower	Upper
165 100		
63 0.0	40.1	60.1#
89 0.0	63.7	95.5#
182 0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037194.D
 Acq: 5 Oct 2018 17:44

Tgt	Ion:188	Resp:	254107
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.2	8.1	12.1

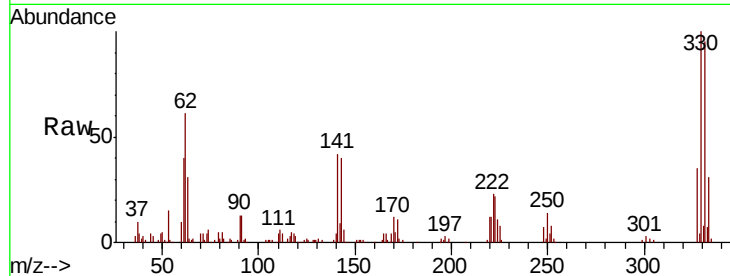




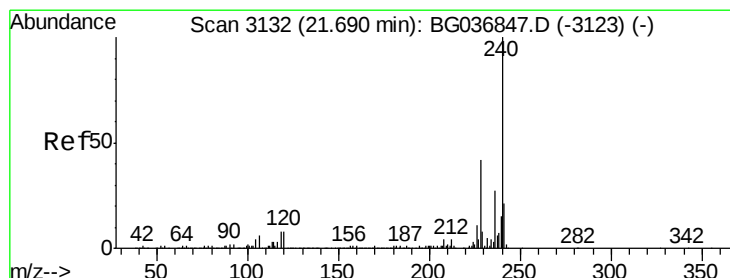
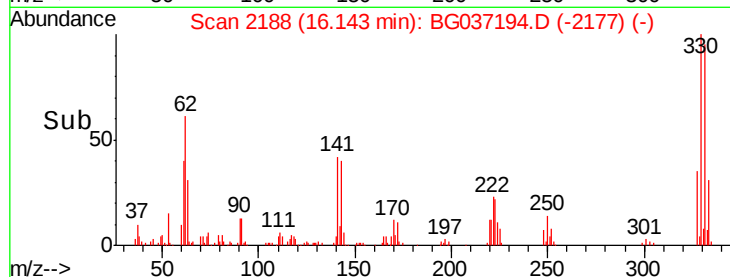
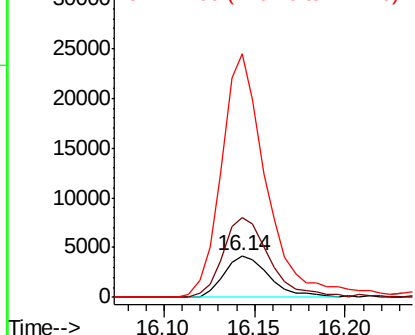
#66
4-Bromophenyl-phenylether
Concen: 2.484 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

Tot Ion:248 Resp: 7181
Ion Ratio Lower Upper
248 100
250 190.6 78.1 117.1#
141 585.0 53.7 80.5#

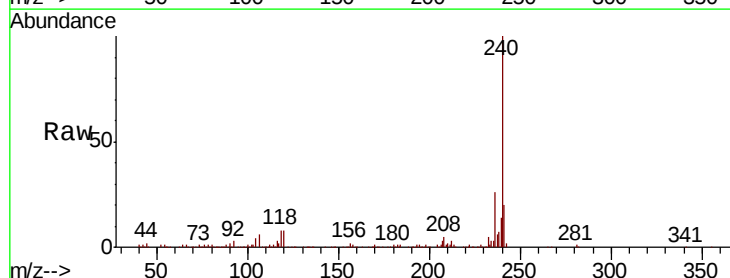


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

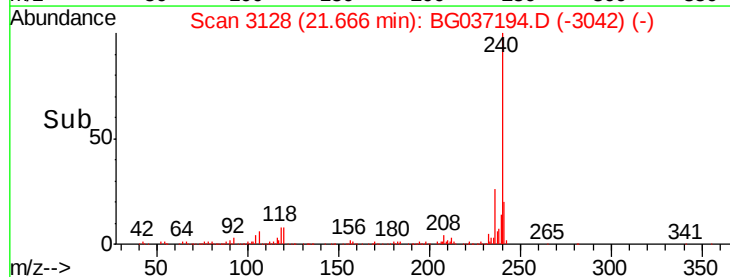
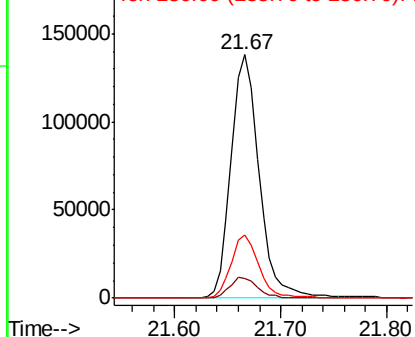


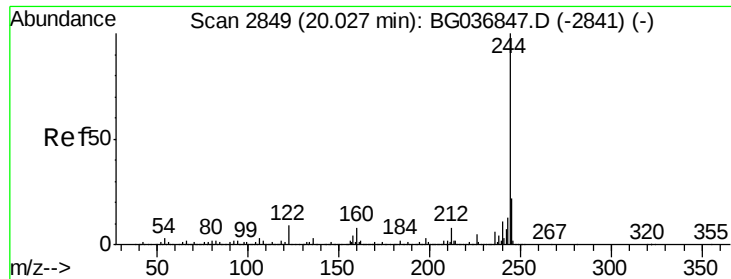
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion:240 Resp: 254257
Ion Ratio Lower Upper
240 100
120 8.2 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





#78

Terphenyl-d14

Concen: 59.051 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

Instrument :

BNA_G

ClientSampleId :

GRID19-COMP-100318

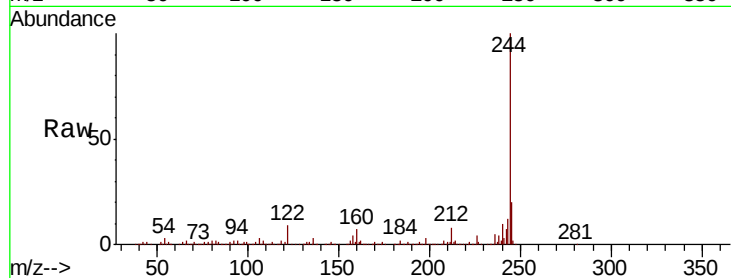
Tot Ion:244 Resp: 570988

Ion Ratio Lower Upper

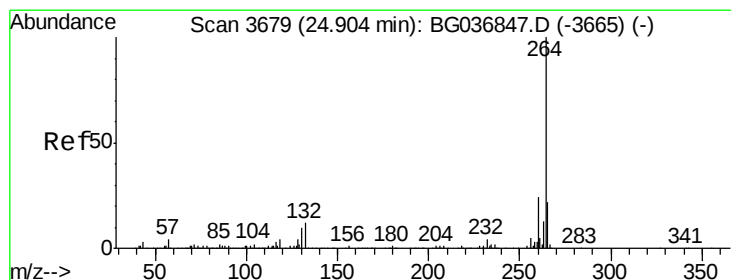
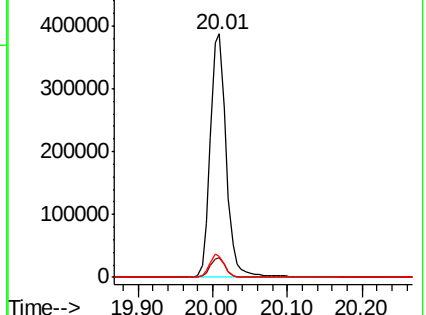
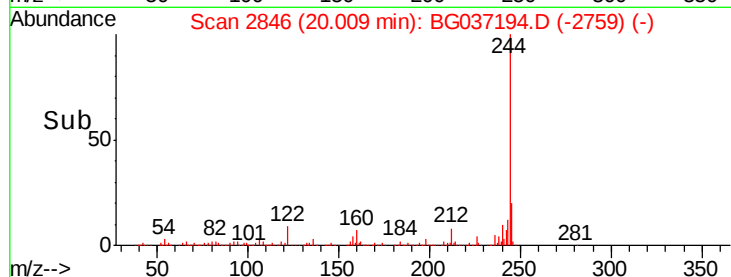
244 100

212 7.9 7.0 10.6

122 8.6 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: BG037194.D

Acq: 5 Oct 2018 17:44

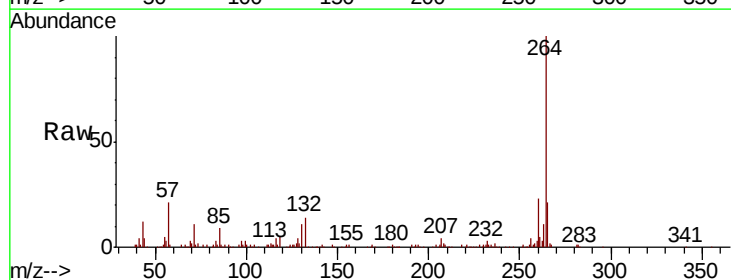
Tgt Ion:264 Resp: 257252

Ion Ratio Lower Upper

264 100

260 22.8 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

