

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038385.D
 Acq On : 6 Dec 2018 15:29
 Operator : JU/SJ
 Sample : J6003-21RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 17:18:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

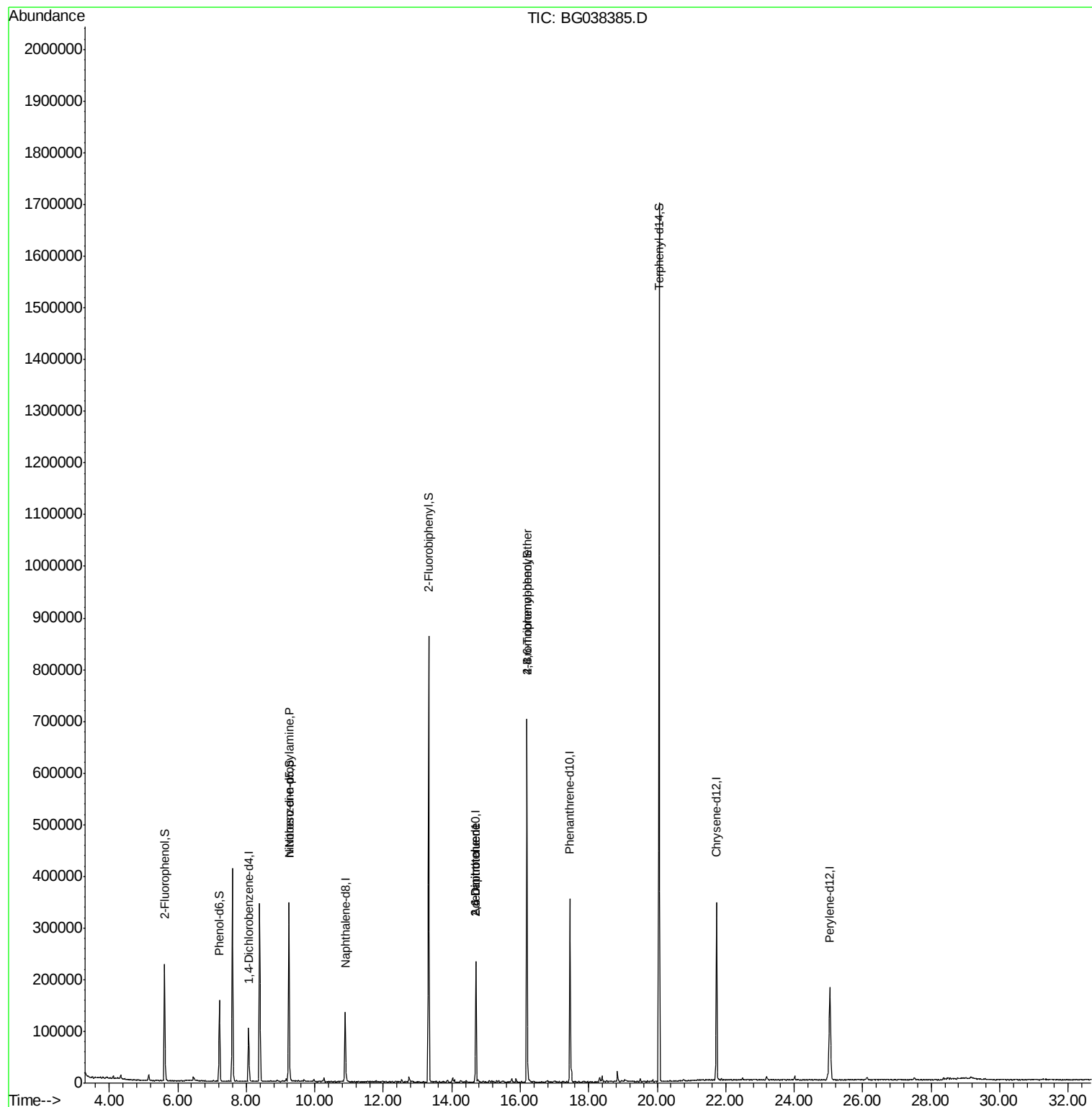
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30522	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	125885	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	84078	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	219499	20.00	ng	0.00
76) Chrysene-d12	21.73	240	211486	20.00	ng	-0.01
87) Perylene-d12	25.04	264	219237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	104015	60.31	ng	0.00
7) Phenol-d6	7.21	99	93310	37.43	ng	-0.01
23) Nitrobenzene-d5	9.25	82	217915	85.94	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	133878	129.71	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	471034	79.83	ng	0.00
79) Terphenyl-d14	20.06	244	826804	83.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	27390	13.646	ng	# 77
22) Acetophenone	8.90	105	1368	Below Cal		# 69
51) 2,6-Dinitrotoluene	14.70	165	11000	7.141	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	11000	5.177	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	9078	3.830	ng	# 1

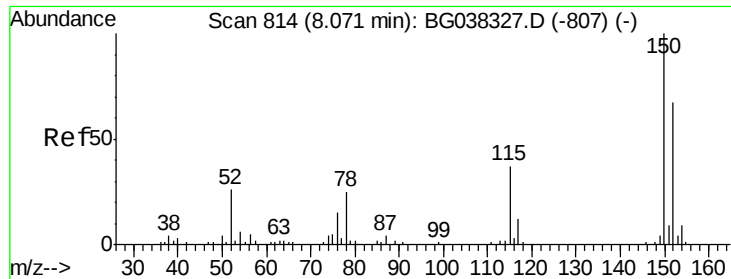
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038385.D
Acq On : 6 Dec 2018 15:29
Operator : JU/SJ
Sample : J6003-21RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 06 17:18:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



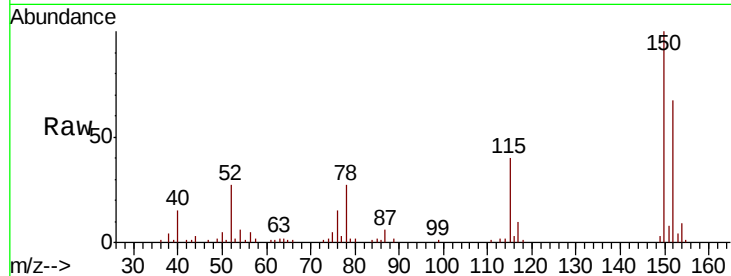


#1

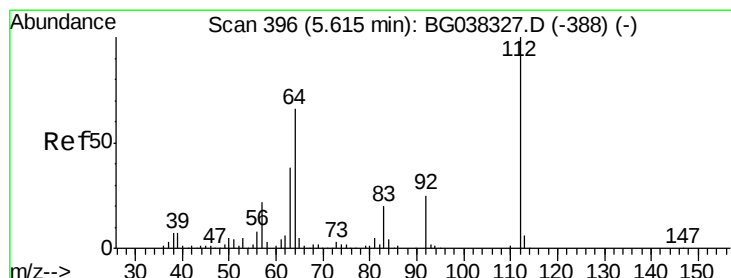
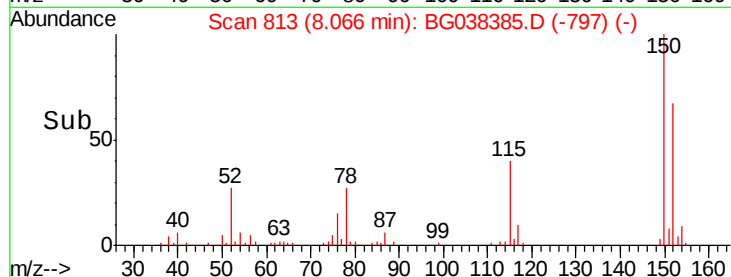
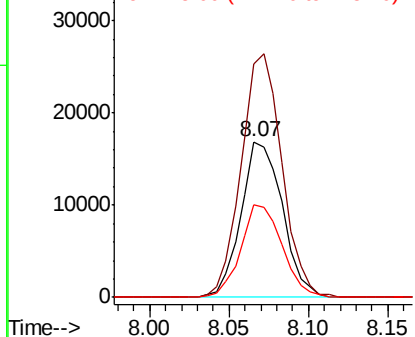
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.0	189.0
115	59.3	45.5	68.3



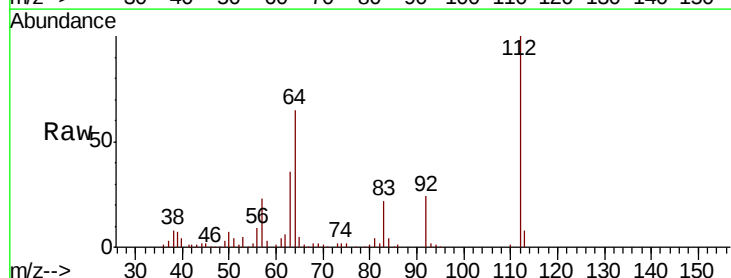
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



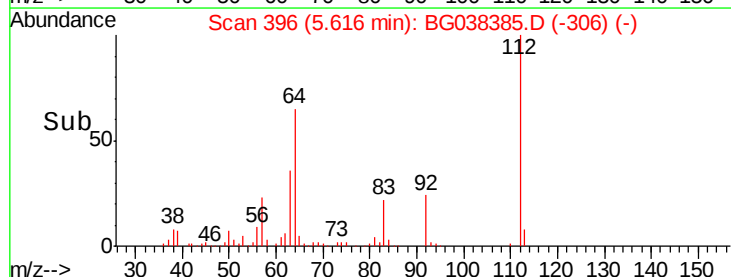
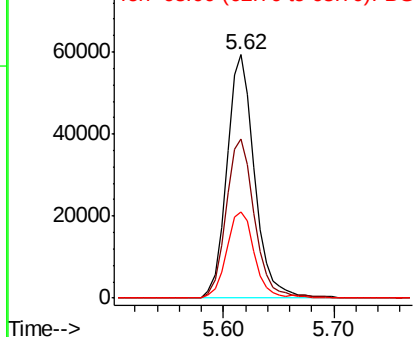
#5

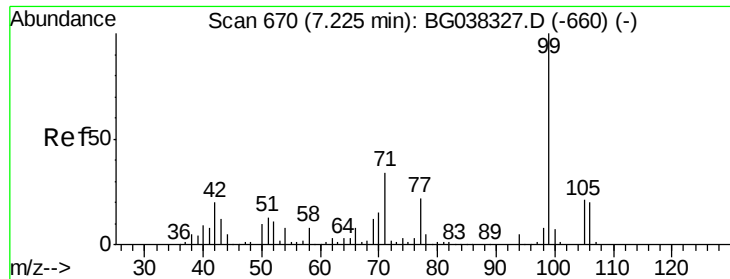
2-Fluorophenol
Concen: 60.307 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.1	79.7
63	35.5	27.3	40.9



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: 37.431 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Instrument :

BNA_G

ClientSampleId :

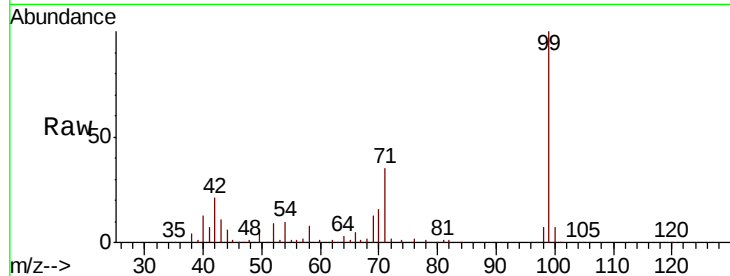
Tot Ion: 99 Resp: 93310

Ion Ratio Lower Upper

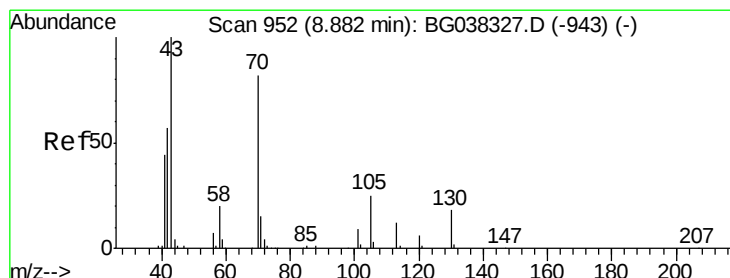
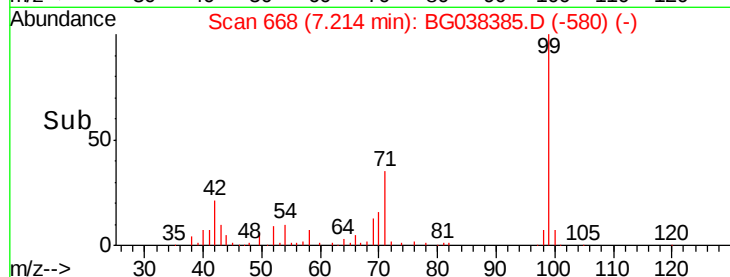
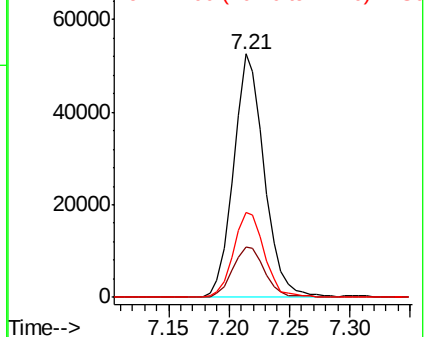
99 100

42 20.6 15.0 22.4

71 34.6 25.5 38.3



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: 13.646 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.37 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Tgt Ion: 70 Resp: 27390

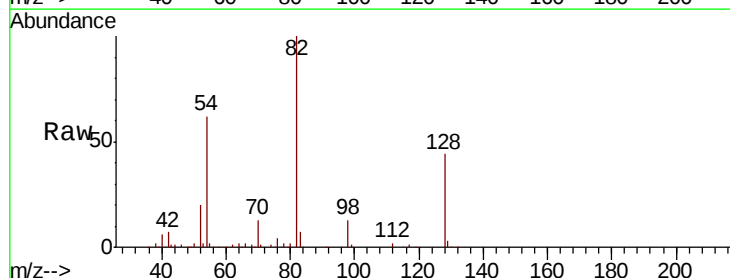
Ion Ratio Lower Upper

70 100

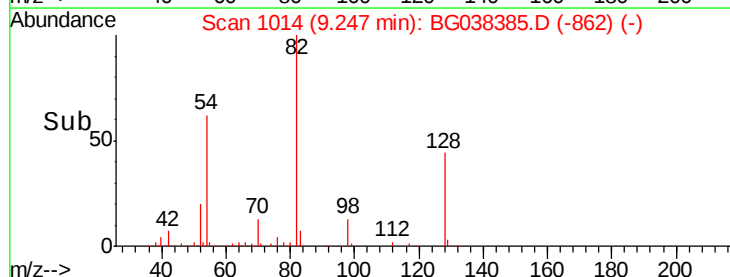
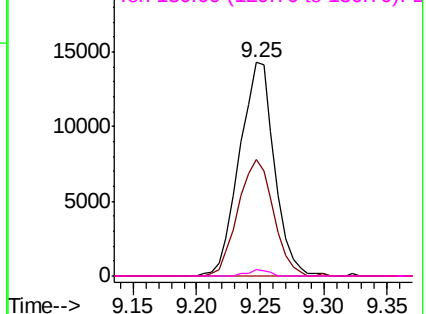
42 54.8 53.9 80.9

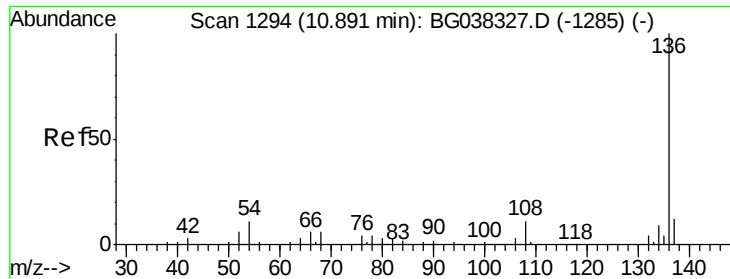
101 0.0 8.2 12.2#

130 3.0 18.2 27.4#



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

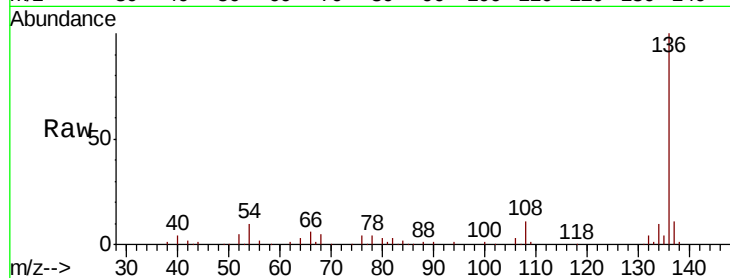




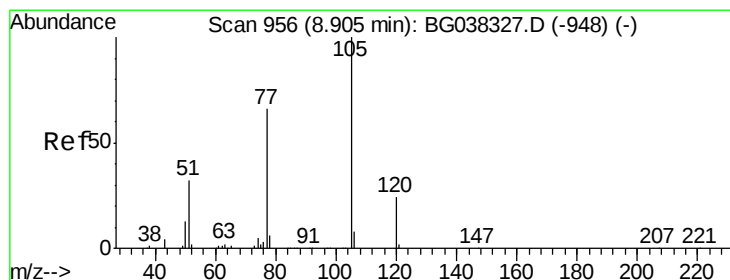
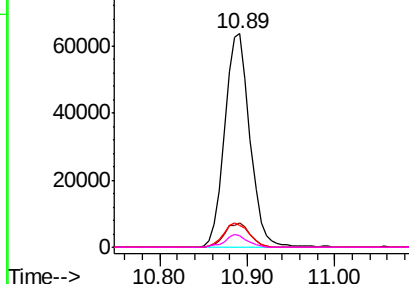
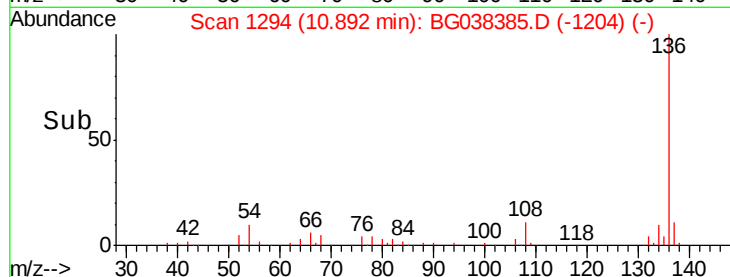
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	125885
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	10.1	7.9 11.9
68	5.4	4.8 7.2

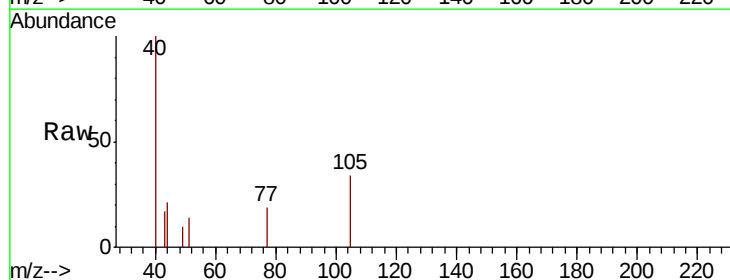


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

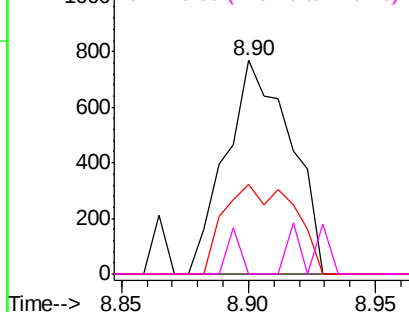
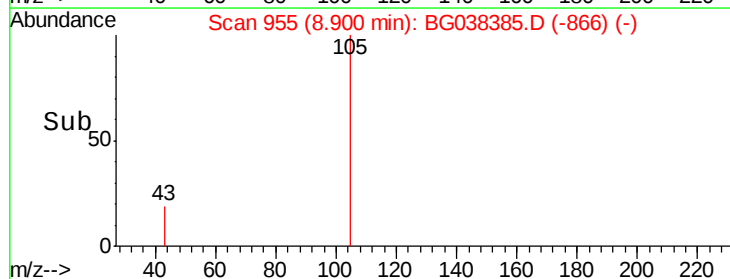


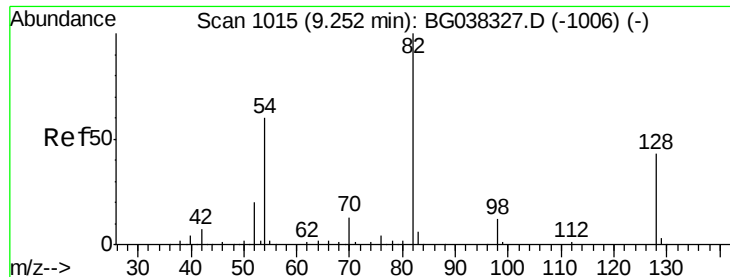
#22
Acetophenone
Concen: Below Cal
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Tgt Ion:105	Resp:	1368
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.2 1.8#
51	41.8	25.0 37.6#
120	0.0	18.6 28.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

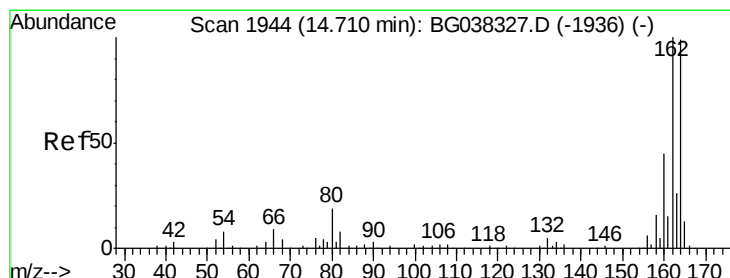
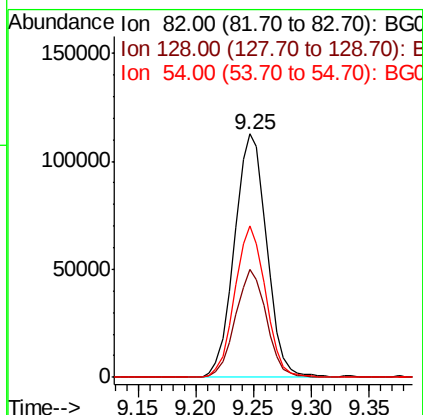
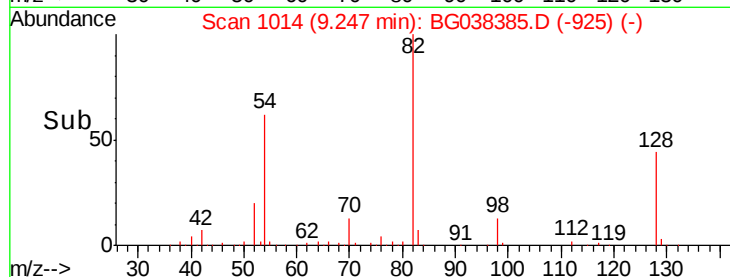
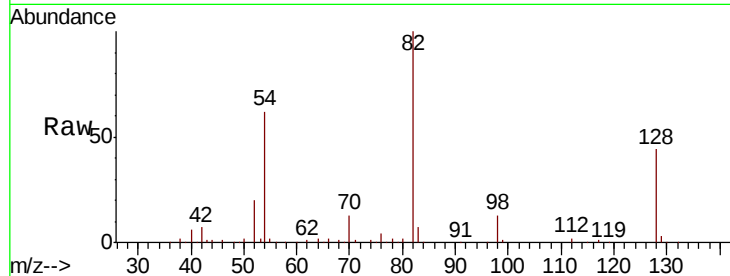




#23
Nitrobenzene-d5
Concen: 85.944 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

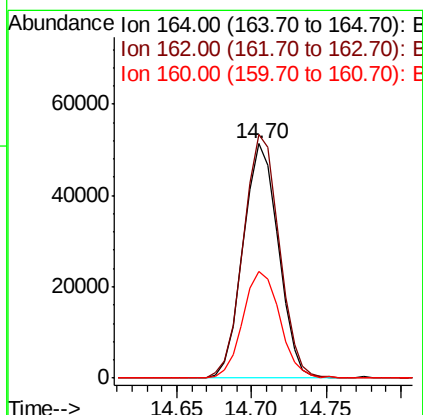
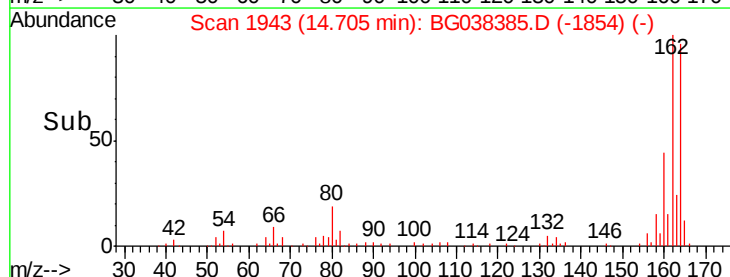
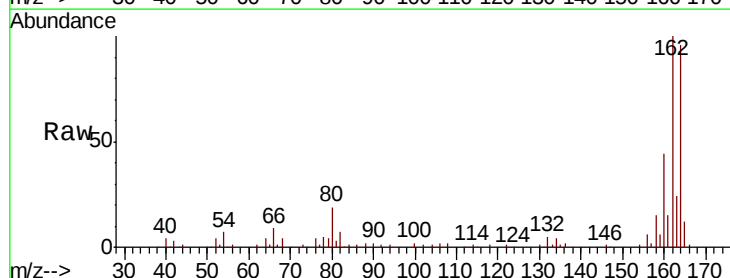
Instrument :
BNA_G
ClientSampled :

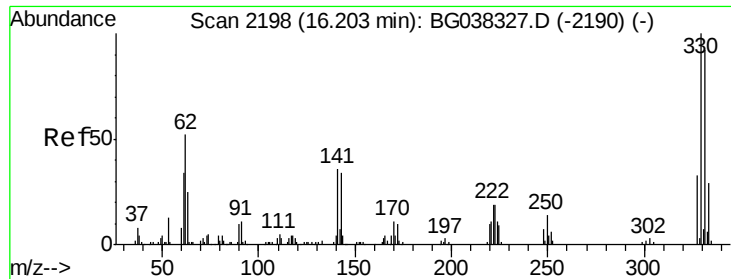
Tot Ion: 82 Resp: 217915
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 62.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Tgt Ion:164 Resp: 84078
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 45.4 36.3 54.5

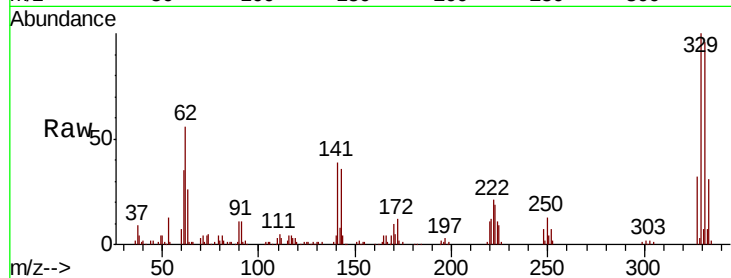




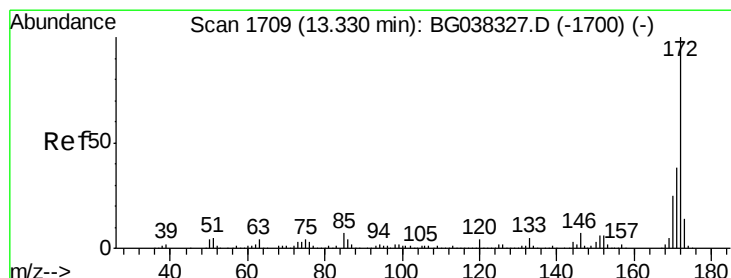
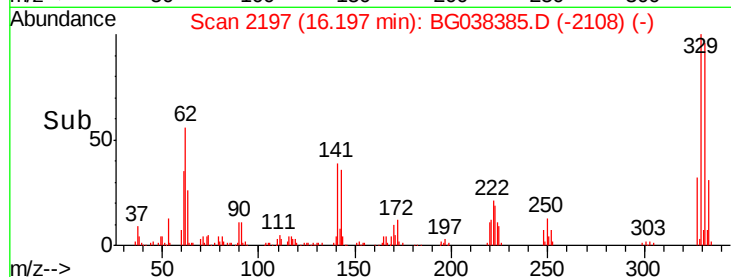
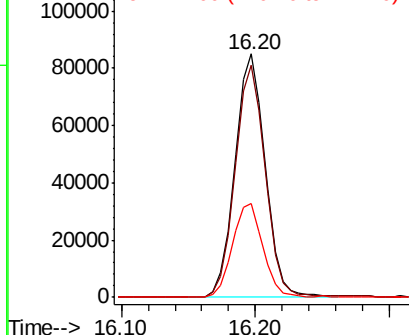
#42
 2,4,6-Tribromophenol
 Concen: 129.707 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 133878
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 39.2 32.2 48.2

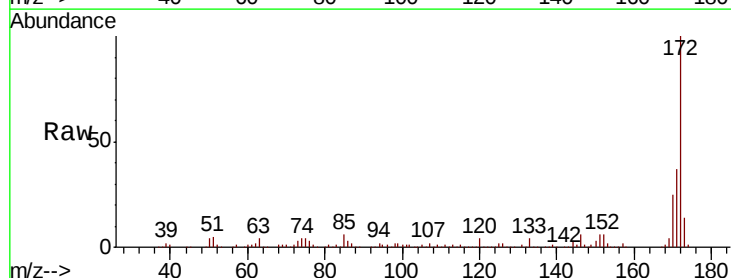


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

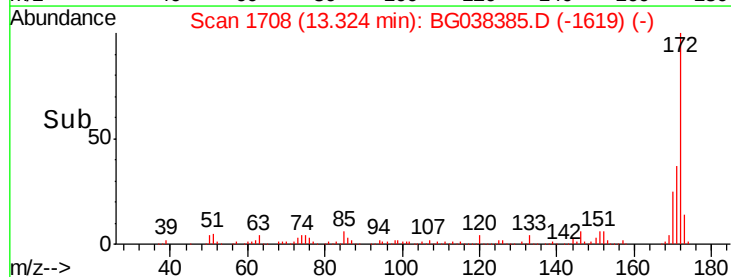
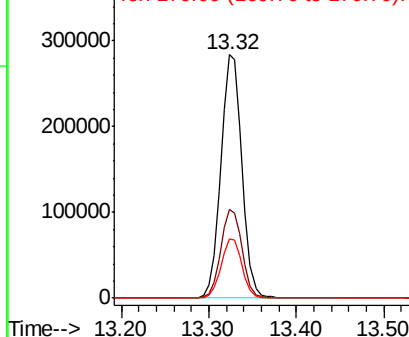


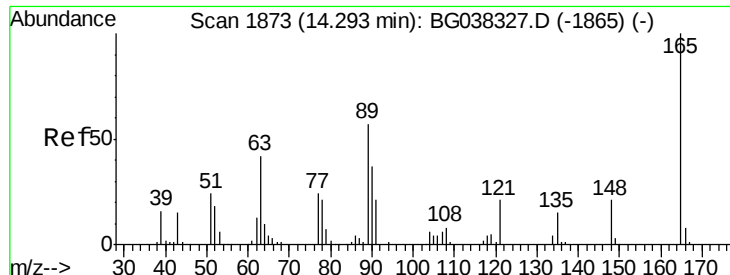
#45
 2-Fluorobiphenyl
 Concen: 79.829 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Tgt Ion:172 Resp: 471034
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.0 46.4
 170 24.6 20.2 30.2



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

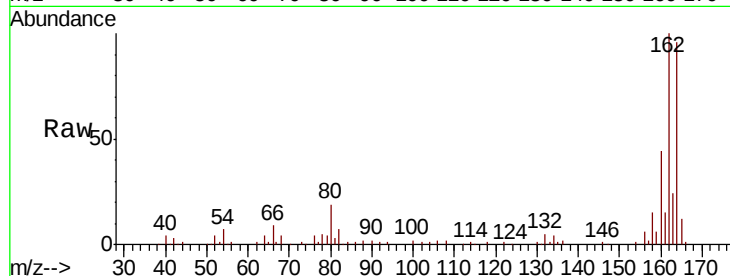




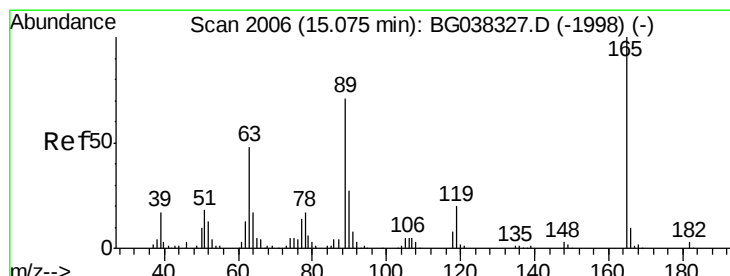
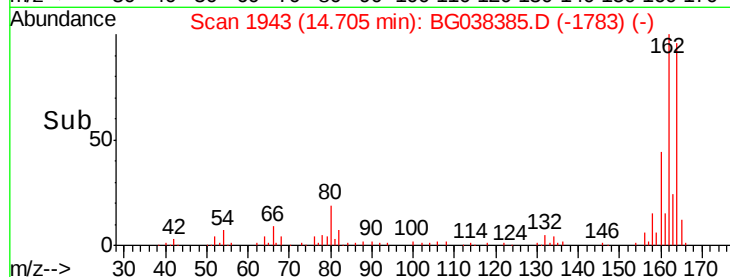
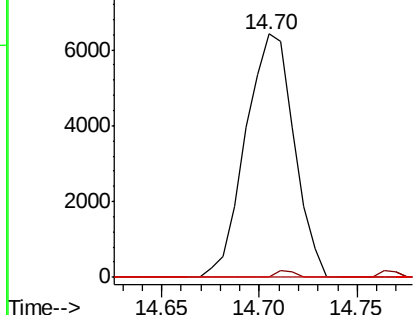
#51
 2,6-Dinitrotoluene
 Concen: 7.141 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



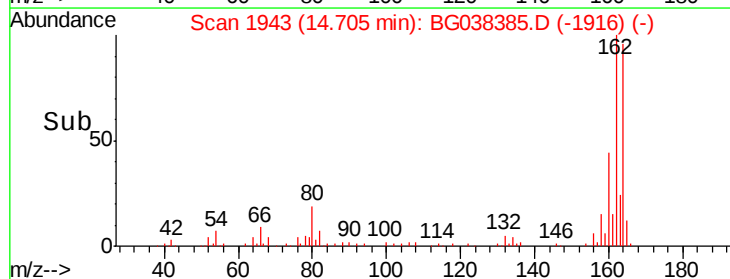
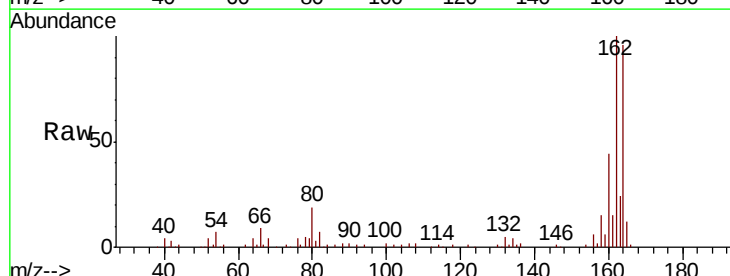
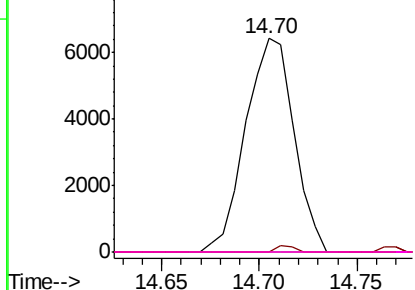
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

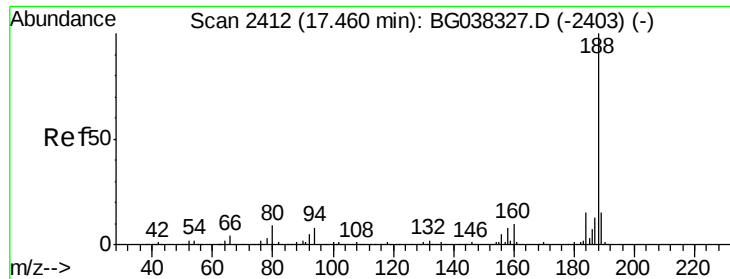


#57
 2,4-Dinitrotoluene
 Concen: 5.177 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Instrument :

BNA_G

ClientSampleId :

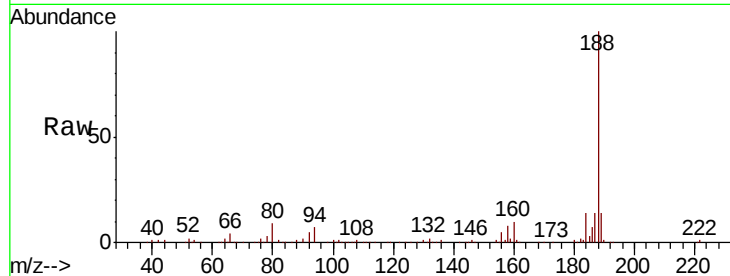
Tot Ion:188 Resp: 219499

Ion Ratio Lower Upper

188 100

94 6.7 7.2 10.8#

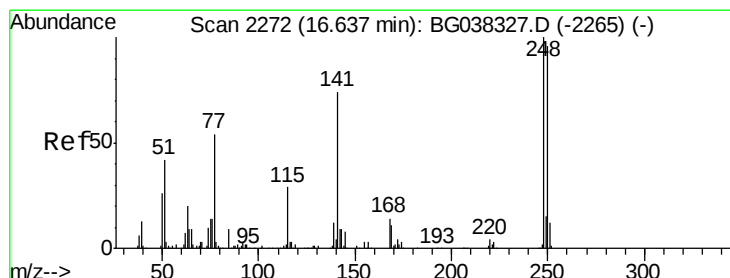
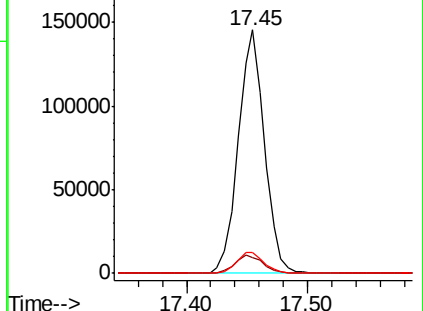
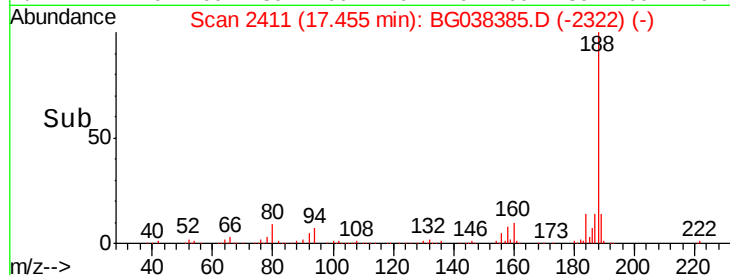
80 8.8 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 3.830 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.44 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

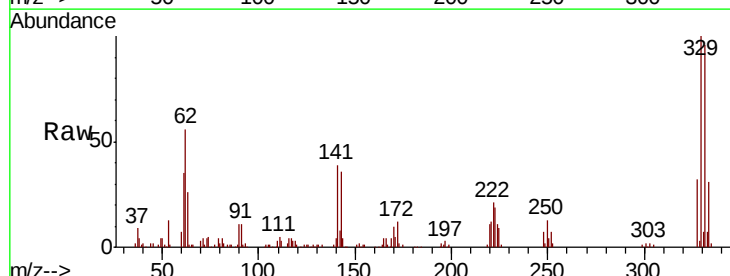
Tgt Ion:248 Resp: 9078

Ion Ratio Lower Upper

248 100

250 196.2 77.0 115.6#

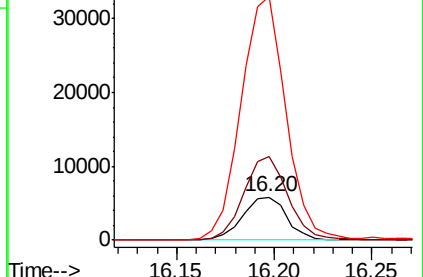
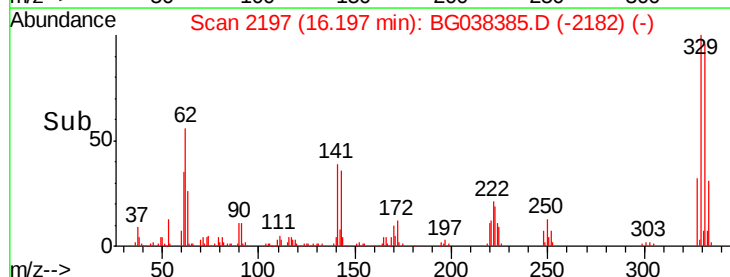
141 431.0 55.5 83.3#

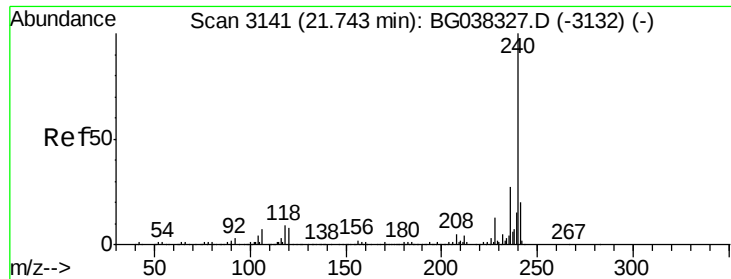


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

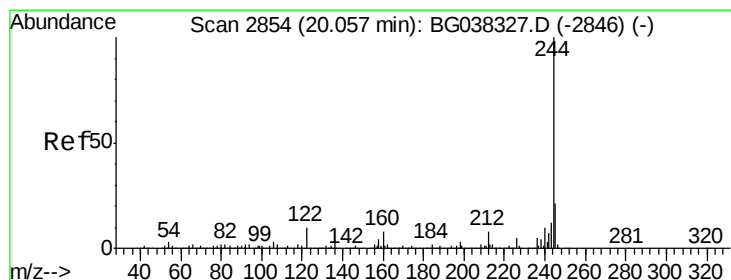
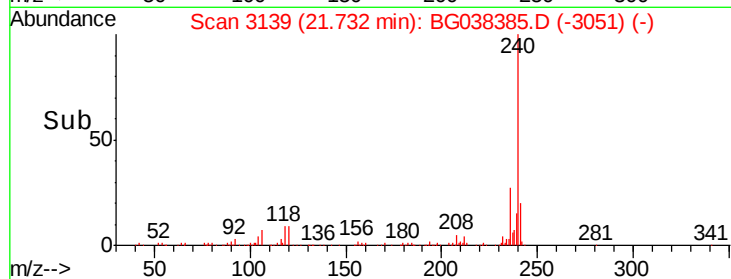
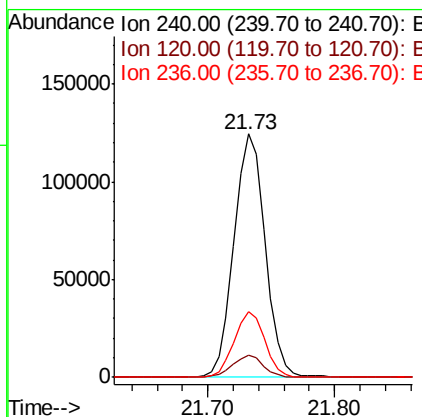
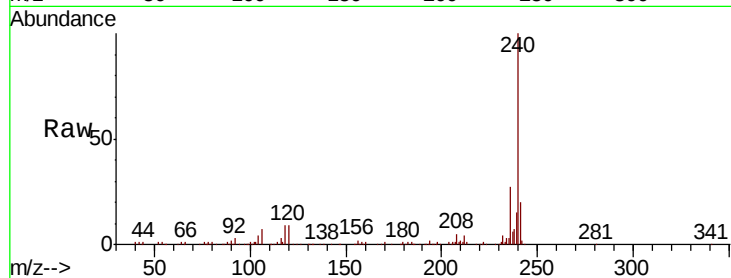




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

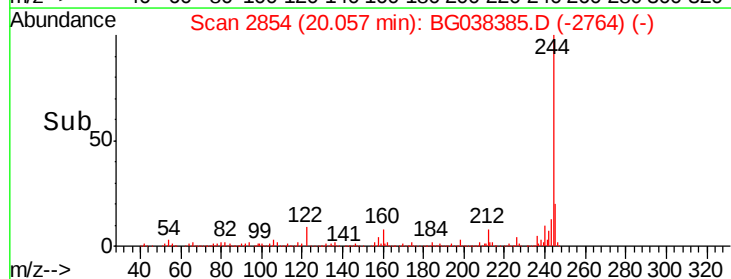
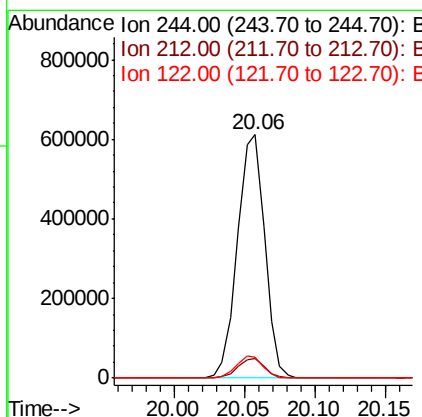
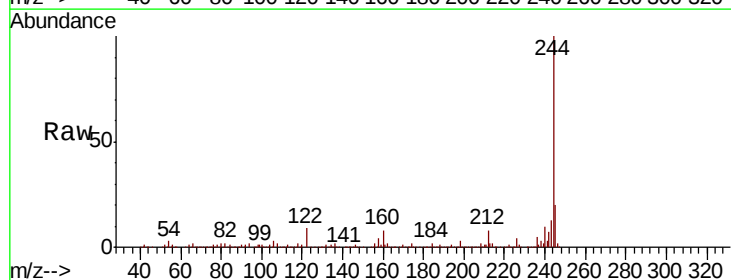
Instrument :
 BNA_G
 ClientSampleId :

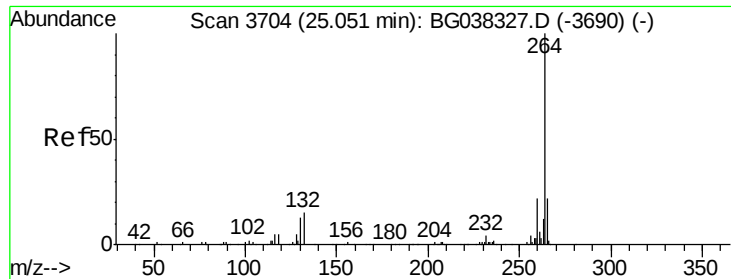
Tot Ion:240 Resp: 211486
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.1 12.1
 236 26.8 21.4 32.0



#79
 Terphenyl-d14
 Concen: 83.752 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Tgt Ion:244 Resp: 826804
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.7 9.0 13.4#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	22.0	17.9	26.9

