

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG037998.D
 Acq On : 14 Nov 2018 15:43
 Operator : JU/SJ
 Sample : J5925-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 16:46:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

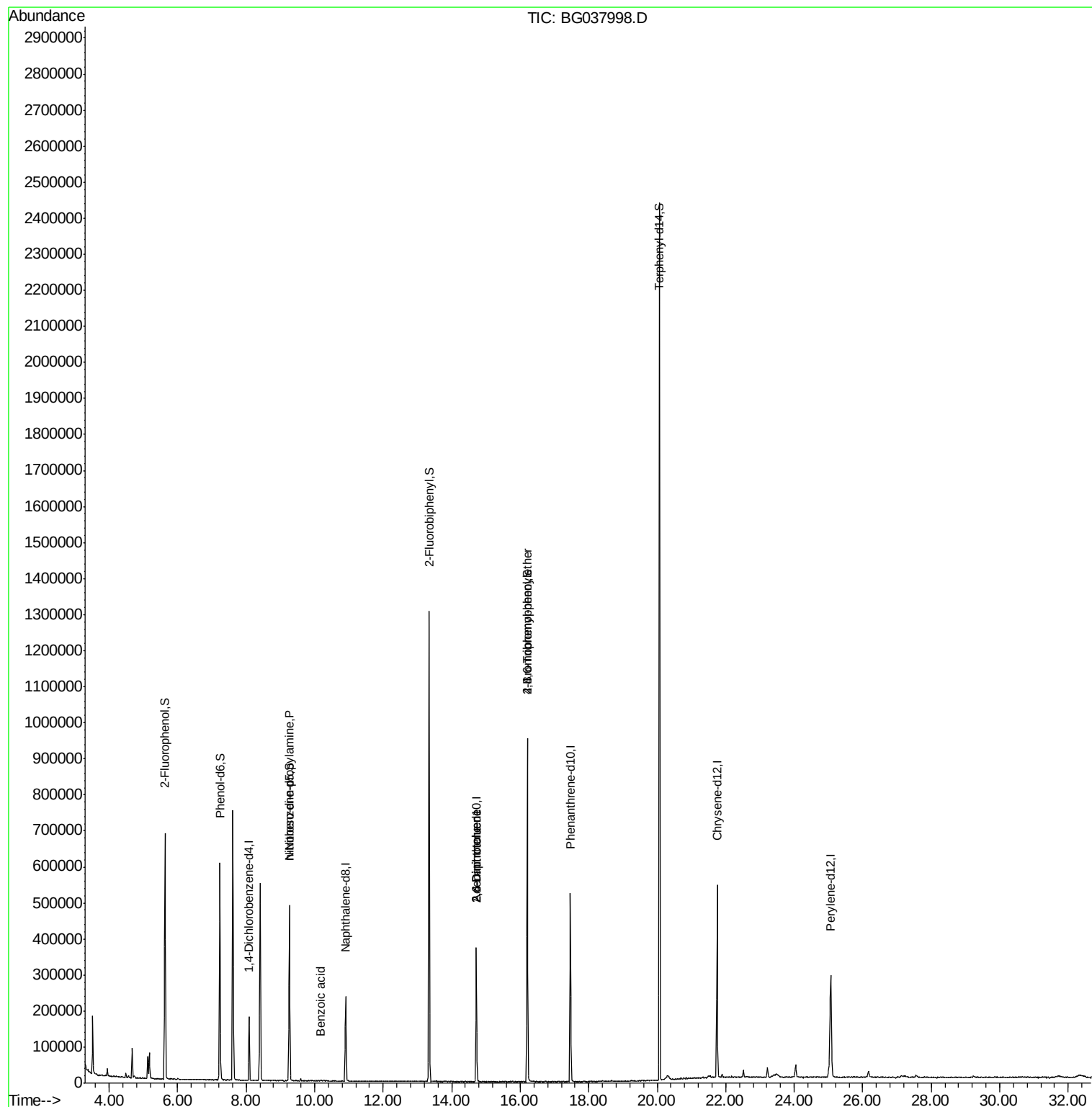
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50774	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	211261	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	136193	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	333054	20.00	ng	0.00
76) Chrysene-d12	21.75	240	314205	20.00	ng	0.00
87) Perylene-d12	25.07	264	319379	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	311080	105.78	ng	0.00
7) Phenol-d6	7.23	99	379095	90.31	ng	0.00
23) Nitrobenzene-d5	9.26	82	308978	78.29	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	178220	114.74	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	702565	75.15	ng	0.00
79) Terphenyl-d14	20.06	244	1155167	86.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	39235	12.917	ng	# 72
32) Benzoic acid	10.16	122	752	12.619	ng	# 82
51) 2,6-Dinitrotoluene	14.72	165	17256	7.062	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	17256	5.190	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	14143	3.869	ng	# 1

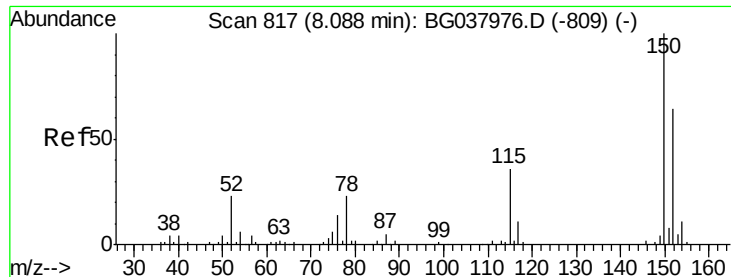
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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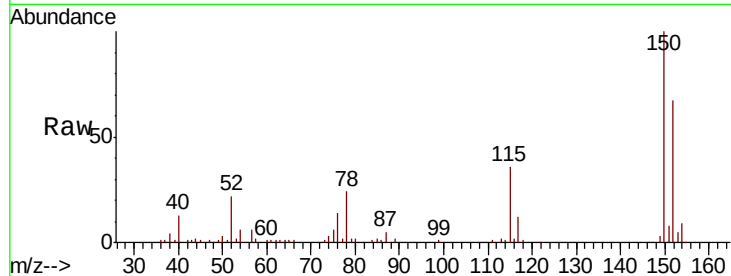


#1

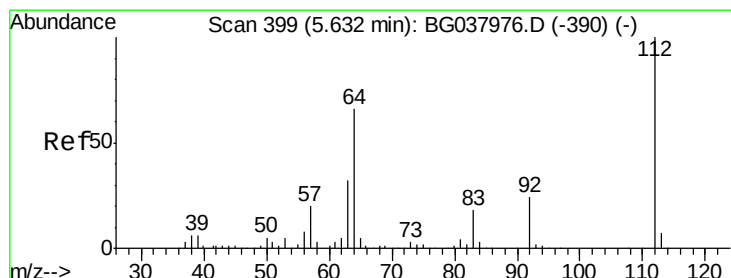
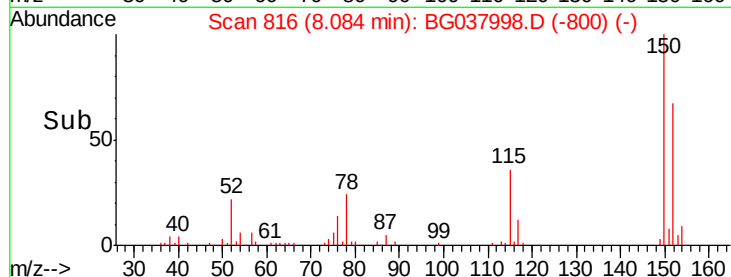
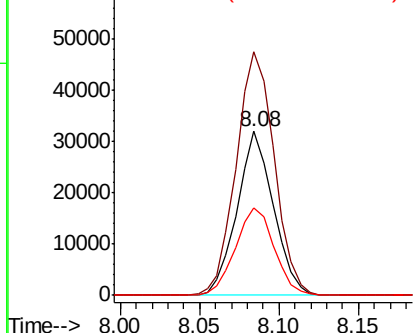
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG037998.D
Acq: 14 Nov 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50774
Ion Ratio Lower Upper
152 100
150 148.3 126.0 189.0
115 53.7 45.5 68.3



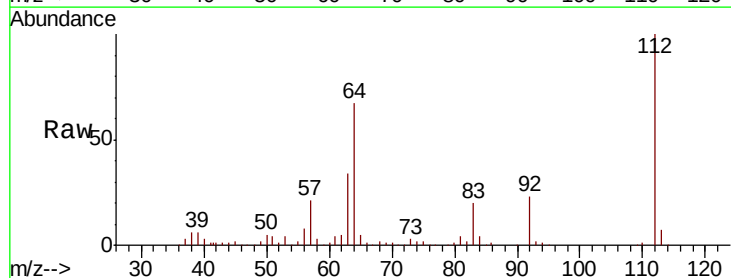
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



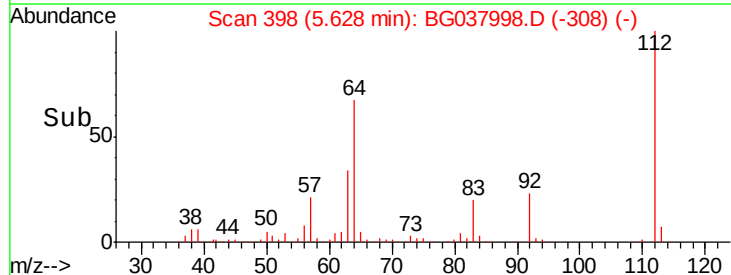
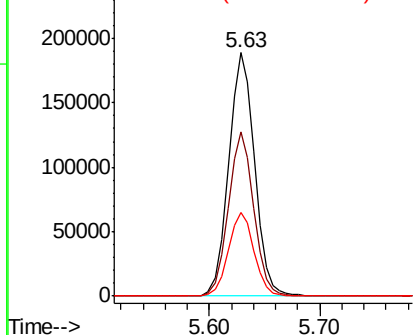
#5

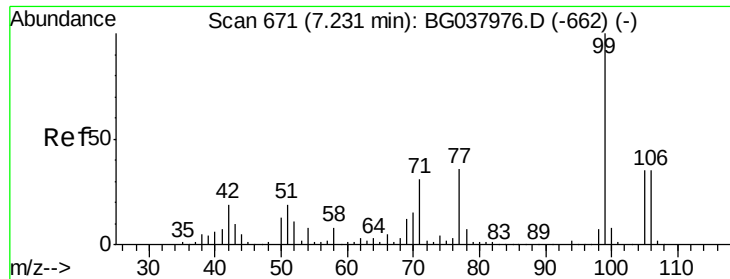
2-Fluorophenol
Concen: 105.782 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG037998.D
Acq: 14 Nov 2018 15:43

Tgt Ion:112 Resp: 311080
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.2 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: 90.309 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Instrument :

BNA_G

ClientSampled :

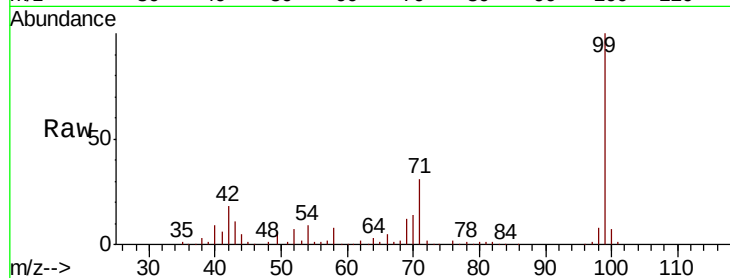
Tot Ion: 99 Resp: 379095

Ion Ratio Lower Upper

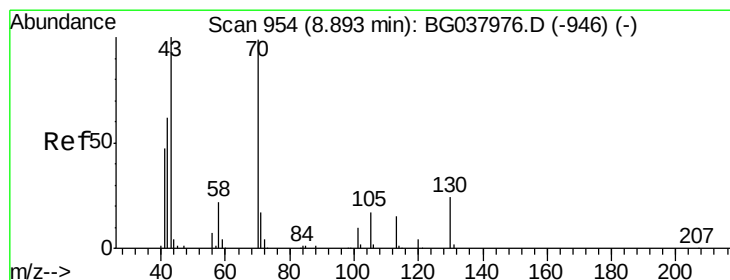
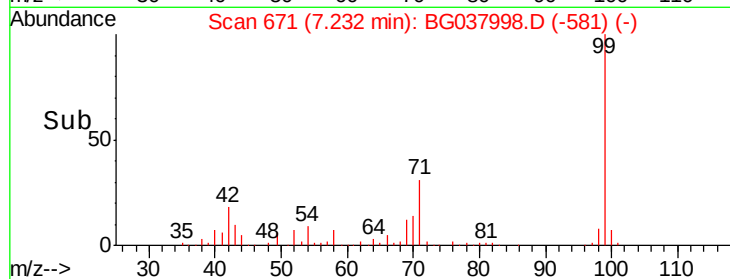
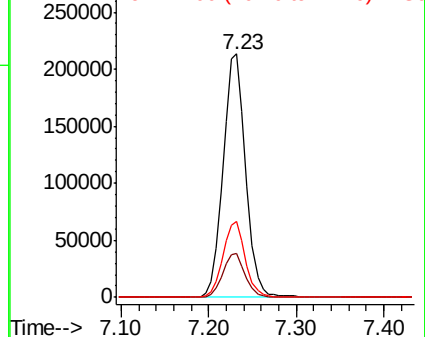
99 100

42 18.2 15.0 22.4

71 31.0 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: 12.917 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Tgt Ion: 70 Resp: 39235

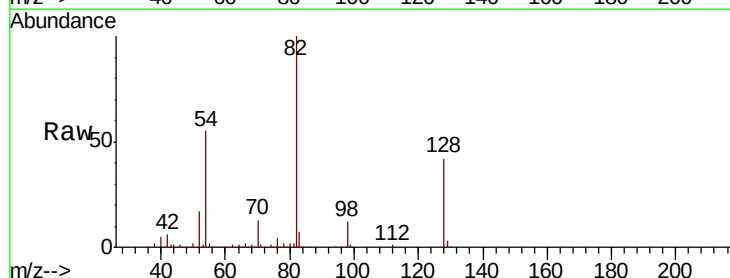
Ion Ratio Lower Upper

70 100

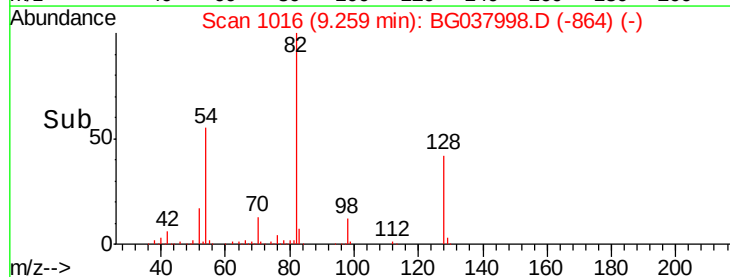
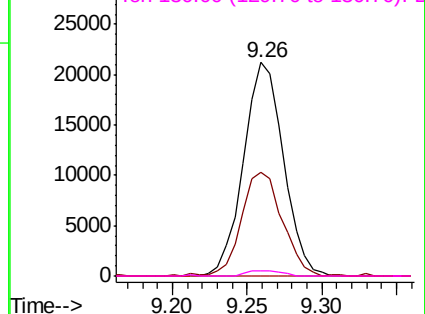
42 48.4 53.9 80.9#

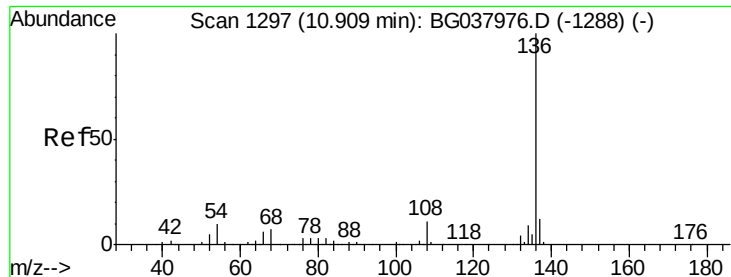
101 0.0 8.2 12.2#

130 2.3 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

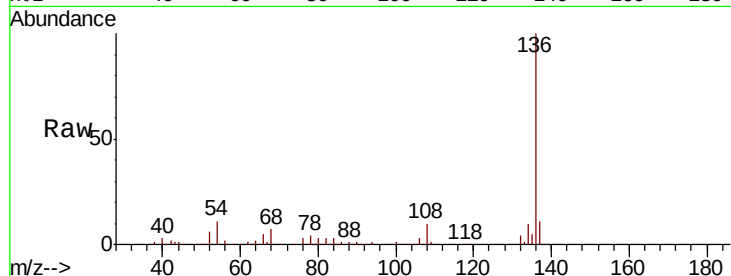




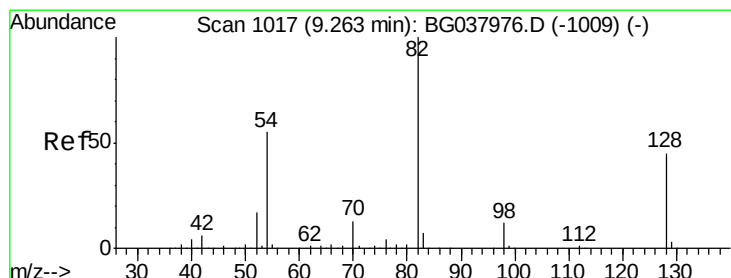
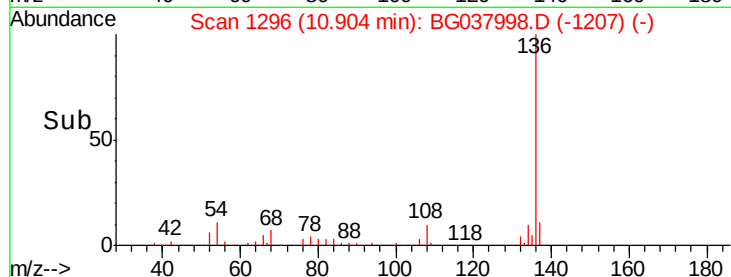
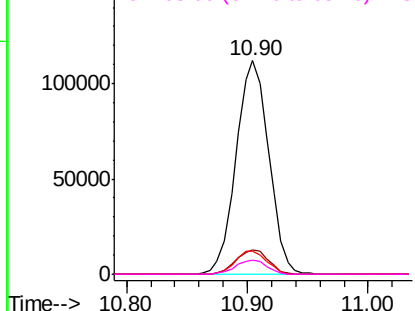
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG037998.D
Acq: 14 Nov 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	211261
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.6 14.4
54	10.9	7.9 11.9
68	6.6	4.8 7.2

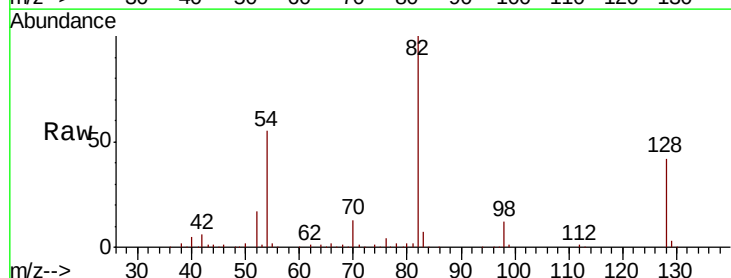


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

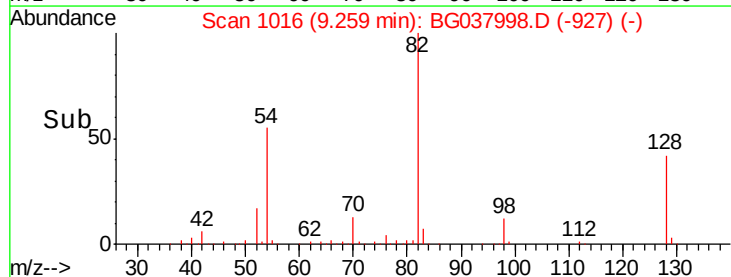
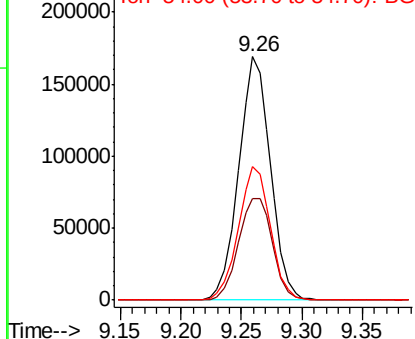


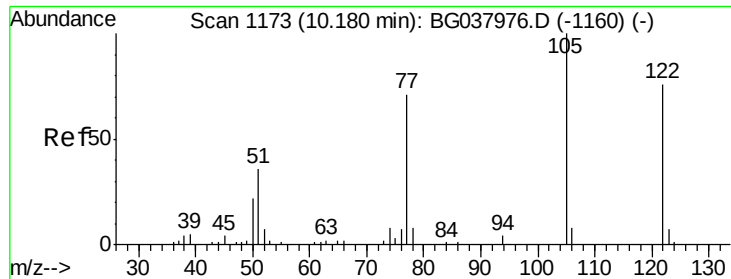
#23
Nitrobenzene-d5
Concen: 78.290 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG037998.D
Acq: 14 Nov 2018 15:43

Tgt Ion: 82	Resp:	308978
Ion Ratio	Lower	Upper
82	100	
128	41.9	34.6 51.8
54	54.7	45.3 67.9



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





#32

Benzoic acid

Concen: 12.619 ng

RT: 10.16 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG037998.D

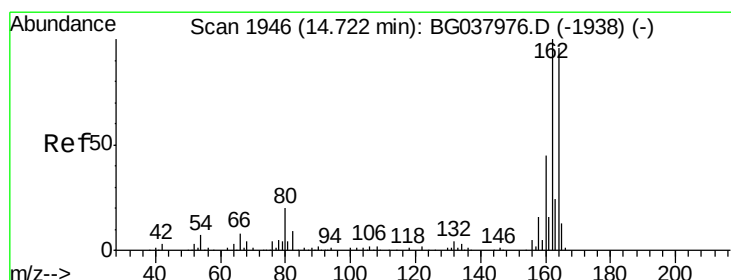
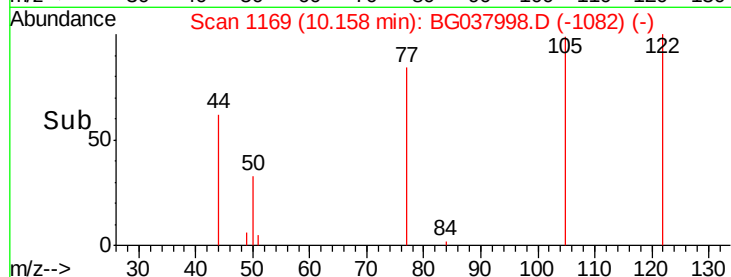
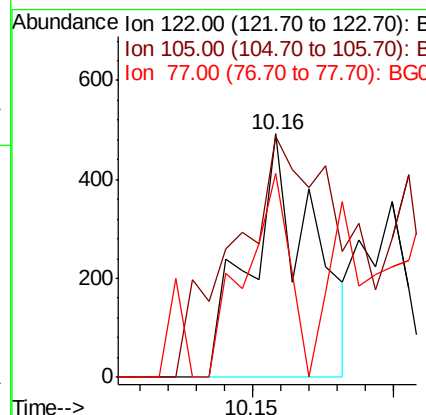
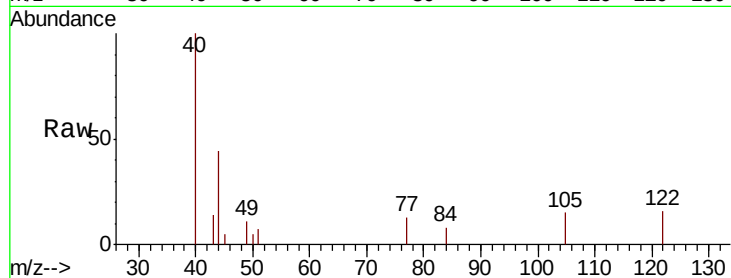
Acq: 14 Nov 2018 15:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	98.8	106.7	146.7#
77	83.5	72.2	112.2



#39

Acenaphthene-d10

Concen: 20.000 ng

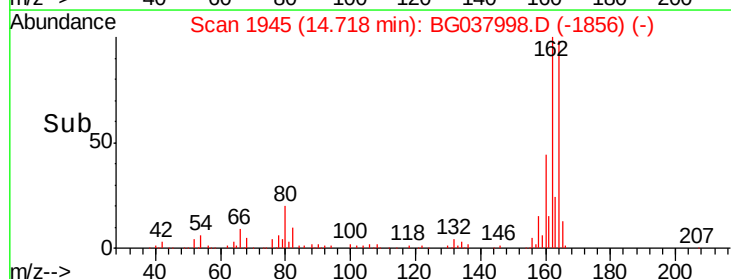
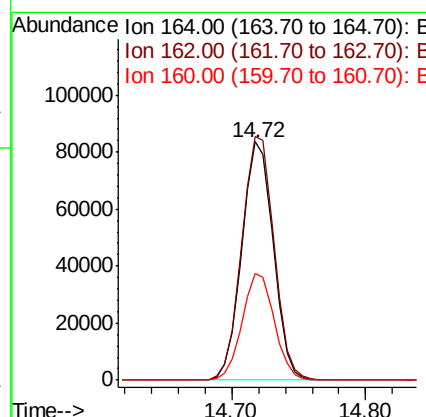
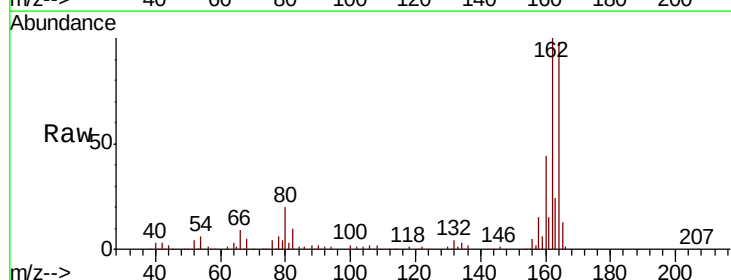
RT: 14.72 min Scan# 1945

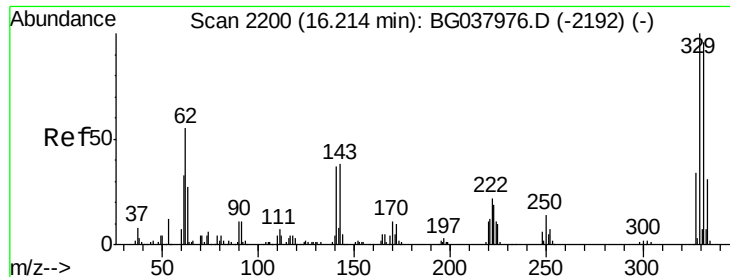
Delta R.T. -0.00 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.7	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 114.740 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Instrument :

BNA_G

ClientSampled :

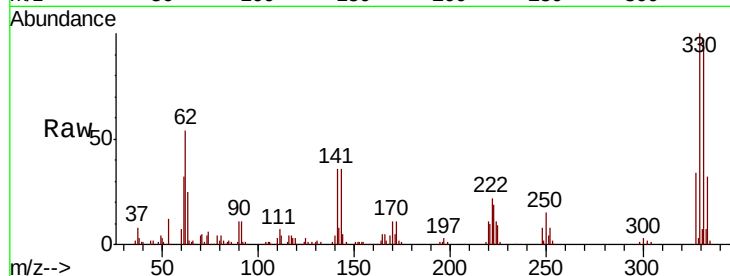
Tot Ion:330 Resp: 178220

Ion Ratio Lower Upper

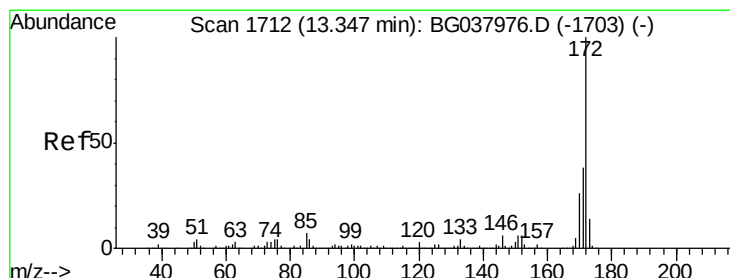
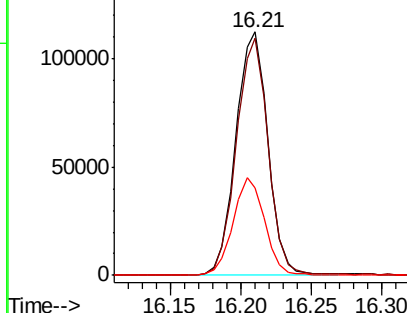
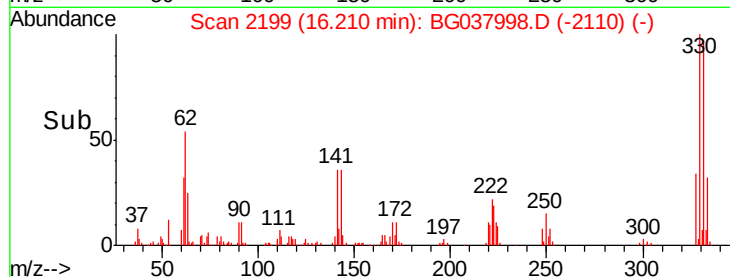
330 100

332 96.7 78.4 117.6

141 39.6 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: 75.153 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

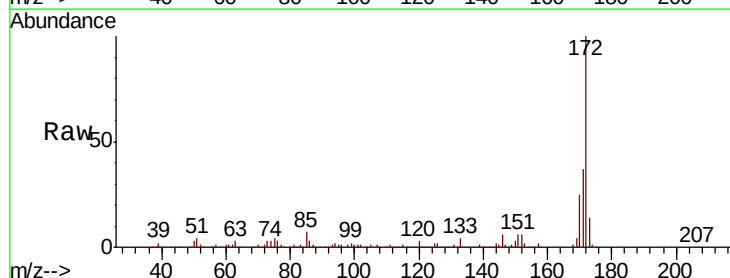
Tgt Ion:172 Resp: 702565

Ion Ratio Lower Upper

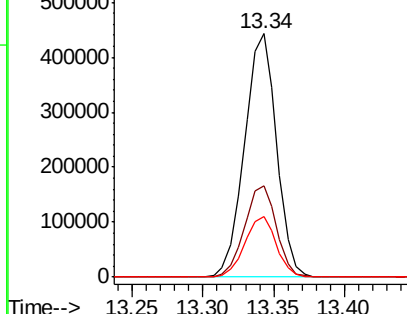
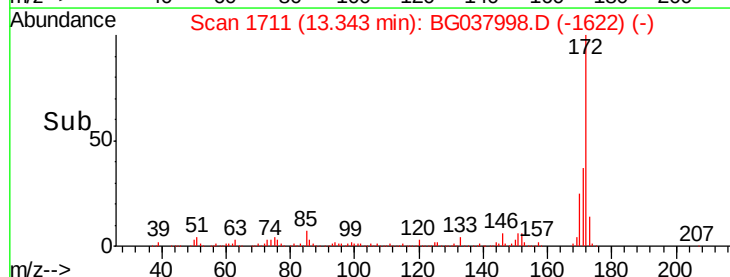
172 100

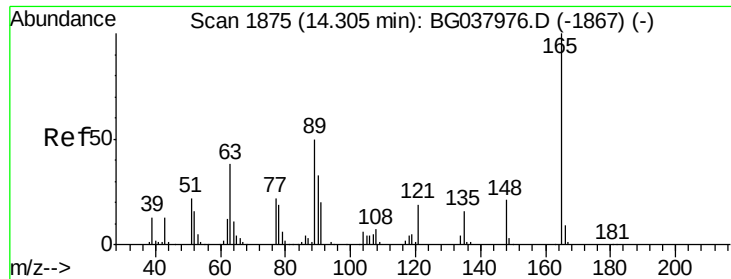
171 37.4 31.0 46.4

170 24.9 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: 7.062 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.41 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Instrument :

BNA_G

ClientSampleId :

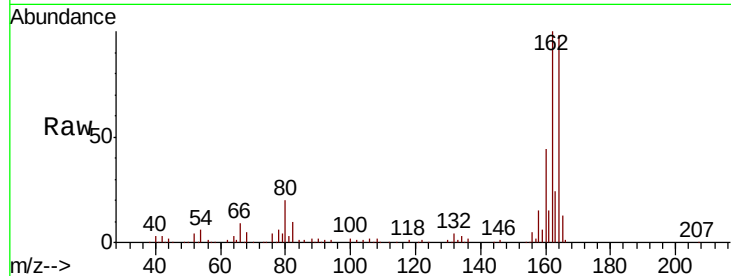
Tot Ion:165 Resp: 17256

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

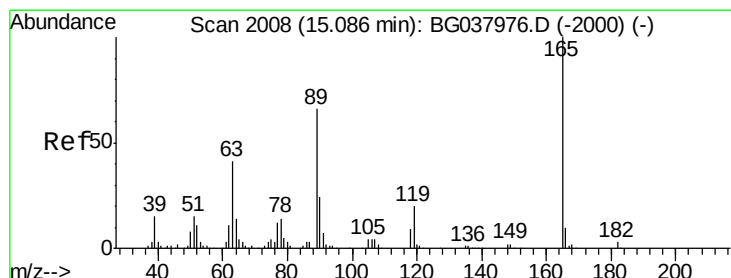
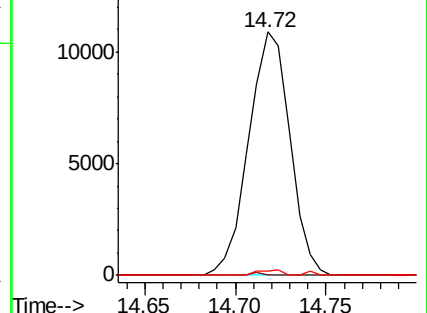
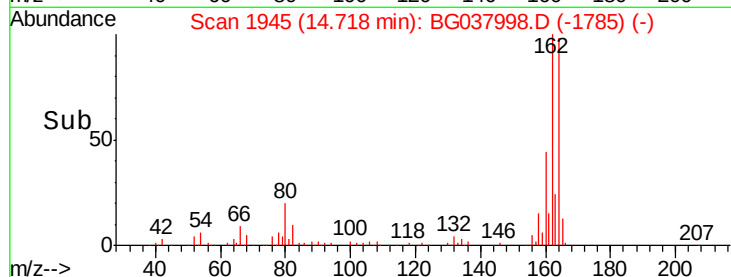
89 1.9 45.8 68.6#



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: 5.190 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Tgt Ion:165 Resp: 17256

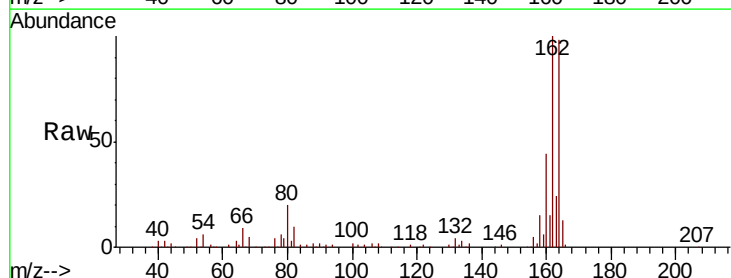
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 1.9 57.2 85.8#

182 0.0 2.6 4.0#

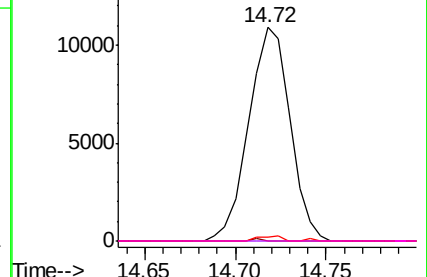
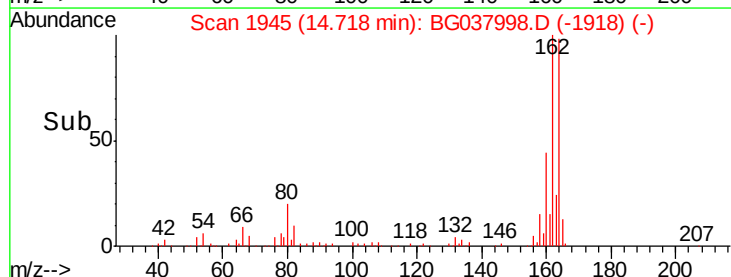


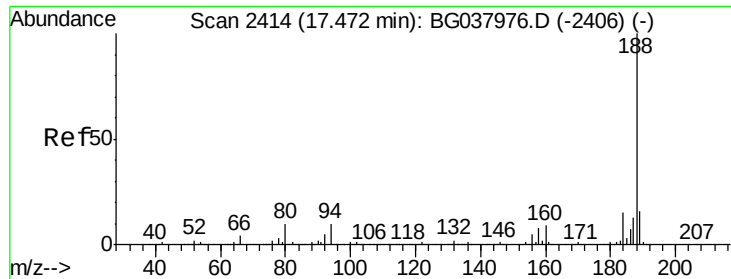
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

Instrument :

BNA_G

ClientSampleId :

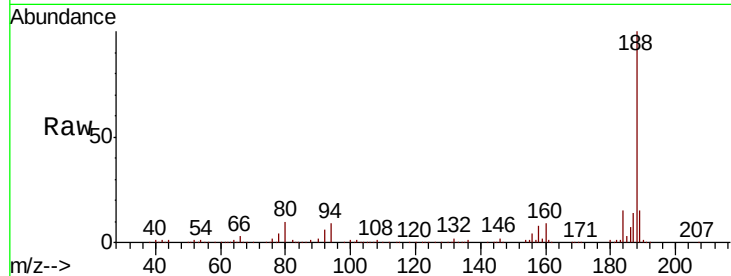
Tot Ion:188 Resp: 333054

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

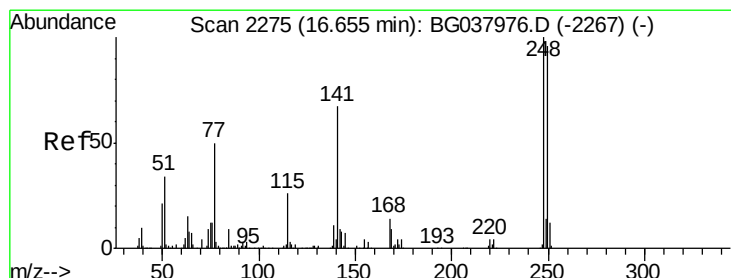
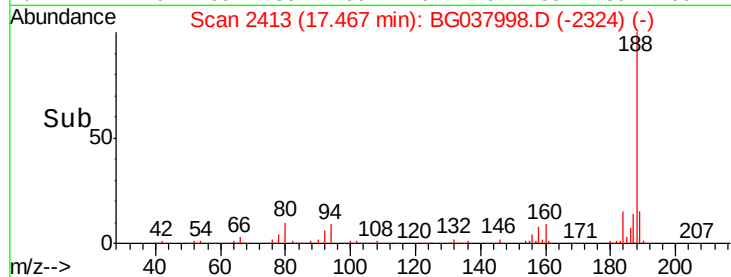
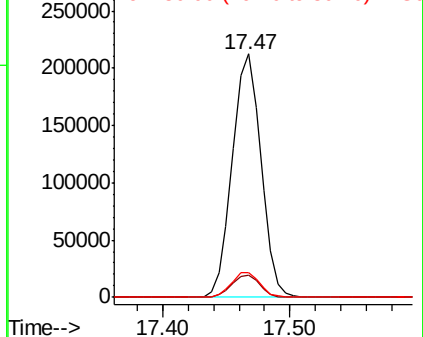
80 9.9 7.7 11.5



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: 3.869 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG037998.D

Acq: 14 Nov 2018 15:43

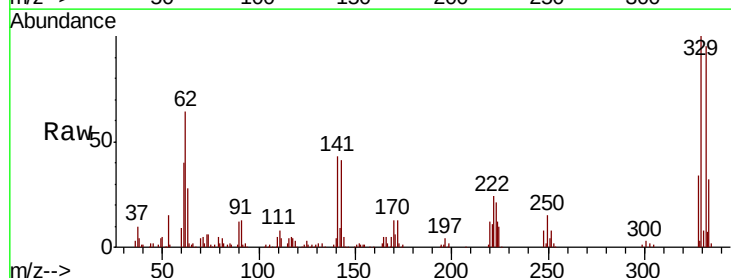
Tgt Ion:248 Resp: 14143

Ion Ratio Lower Upper

248 100

250 238.0 77.0 115.6#

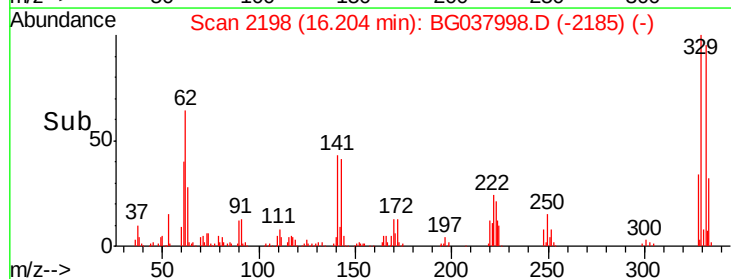
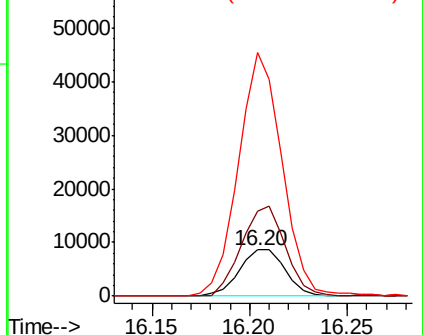
141 527.3 55.5 83.3#

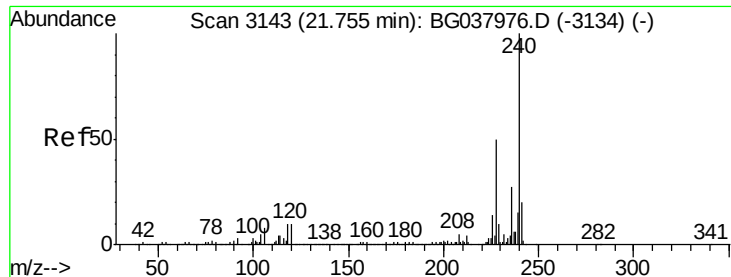


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

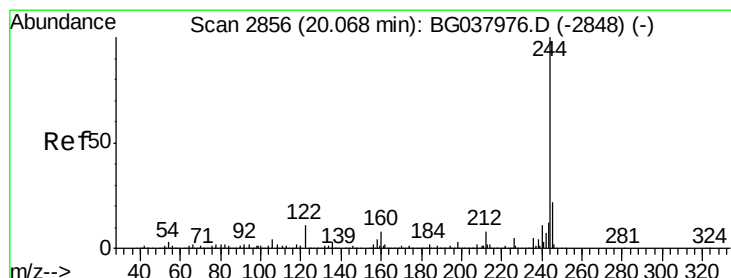
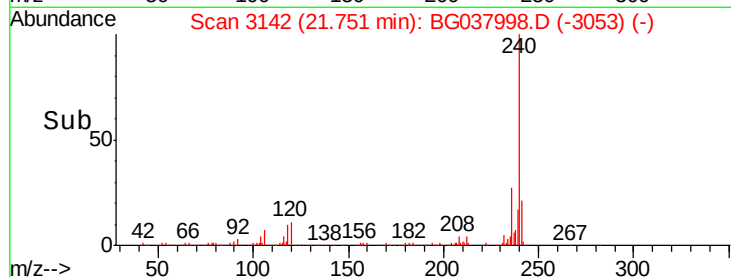
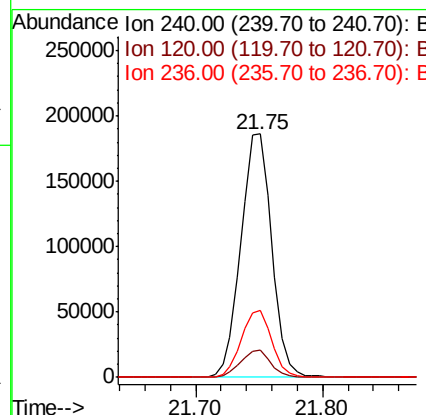
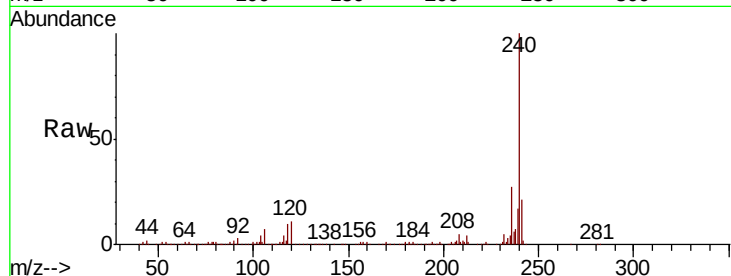




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG037998.D
 Acq: 14 Nov 2018 15:43

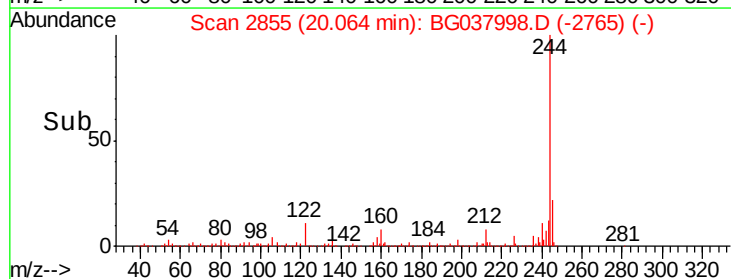
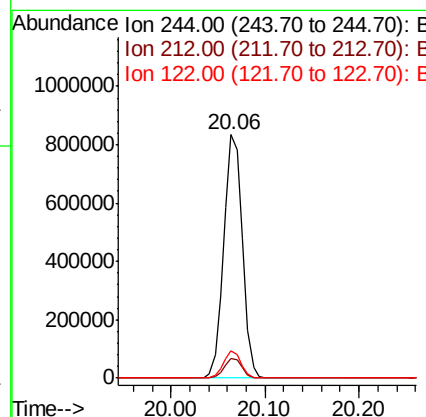
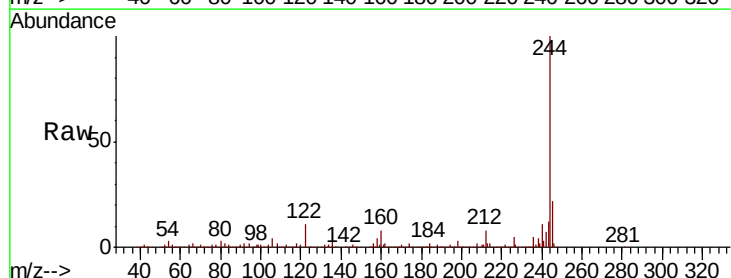
Instrument :
 BNA_G
 ClientSampled :

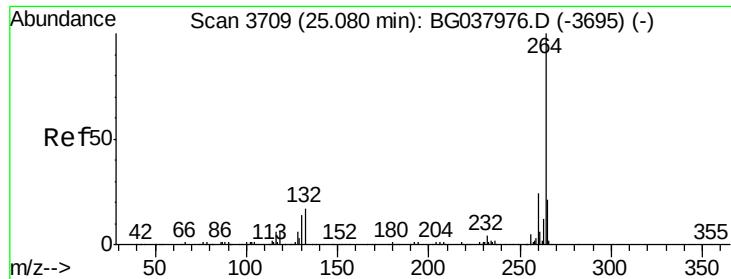
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	27.3	21.4	32.0



#79
 Terphenyl-d14
 Concen: 86.508 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG037998.D
 Acq: 14 Nov 2018 15:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.4	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG037998.D
Acq: 14 Nov 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.6	17.9	26.9

