

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042738.D
 Acq On : 6 Sep 2019 3:41
 Operator : HP/JU
 Sample : K4680-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:48:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

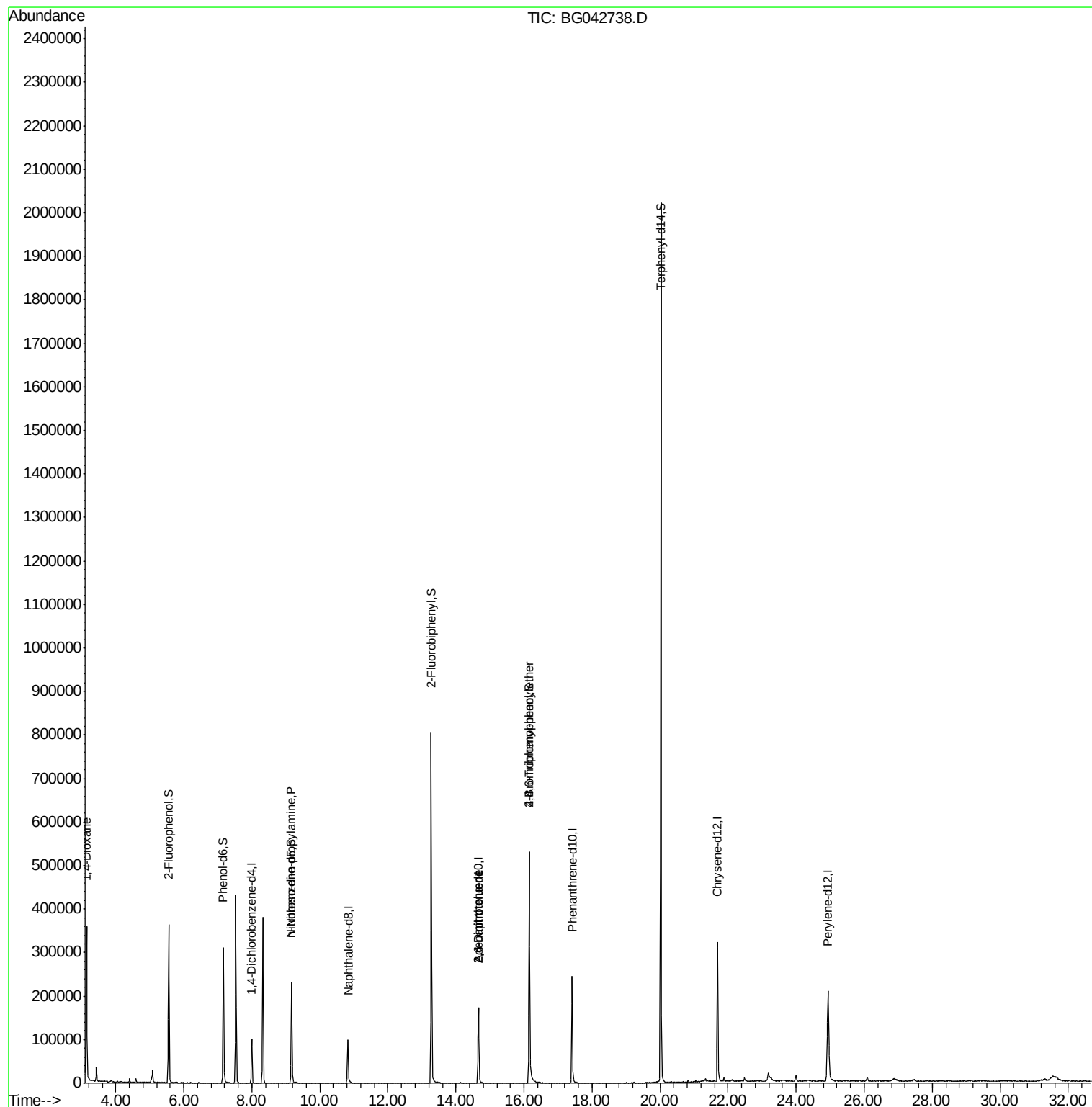
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33664	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	117689	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	83337	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	200735	20.00	ng	0.00
76) Chrysene-d12	21.69	240	244086	20.00	ng	0.00
87) Perylene-d12	24.94	264	288078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	183727	110.53	ng	0.00
7) Phenol-d6	7.16	99	207559	92.44	ng	0.00
23) Nitrobenzene-d5	9.17	82	154276	90.59	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	176791	149.25	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	507297	102.95	ng	0.00
79) Terphenyl-d14	20.02	244	1115320	98.79	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	4141	5.970	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	20254	13.924	ng	# 79
51) 2,6-Dinitrotoluene	14.66	165	10794	7.744	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	10794	5.408	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11023	4.329	ng	# 1

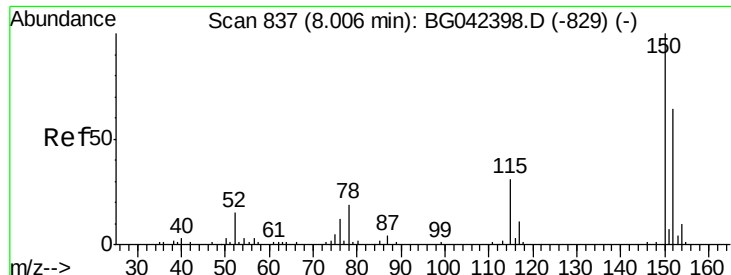
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042738.D
Acq On : 6 Sep 2019 3:41
Operator : HP/JU
Sample : K4680-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 06 06:48:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



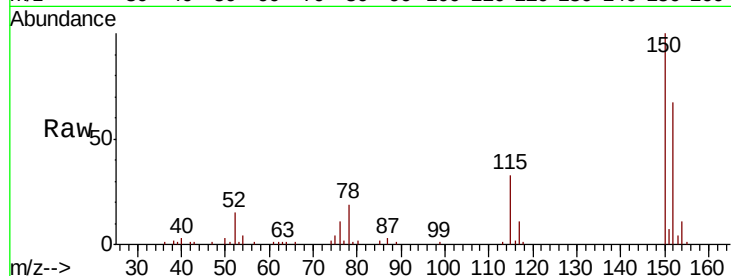


#1

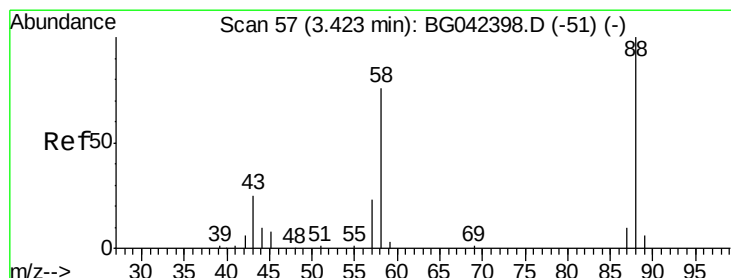
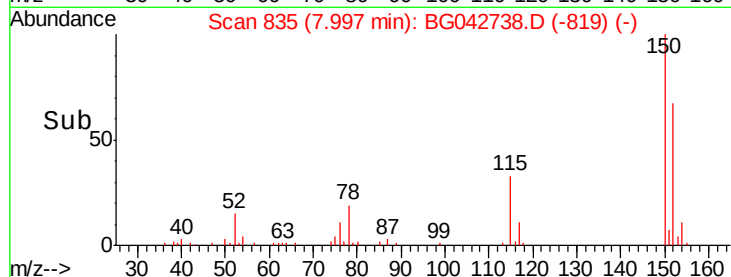
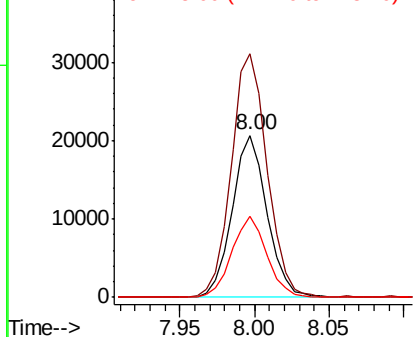
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33664
Ion Ratio Lower Upper
152 100
150 150.2 125.4 188.0
115 50.3 38.5 57.7



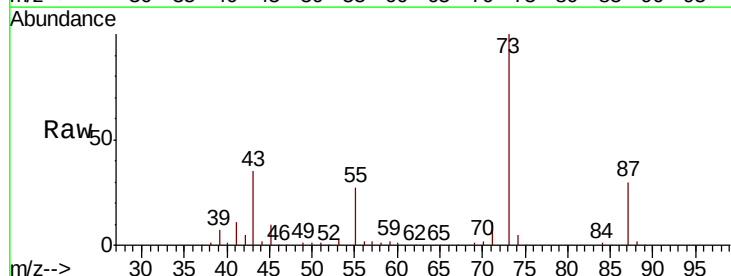
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



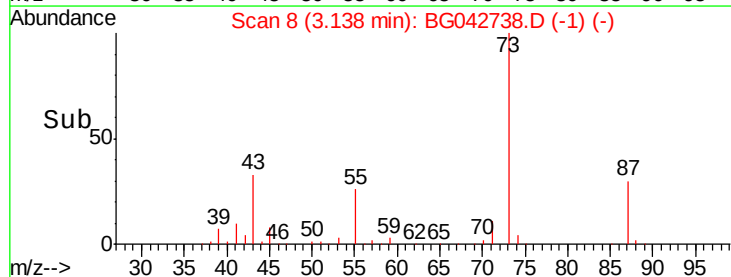
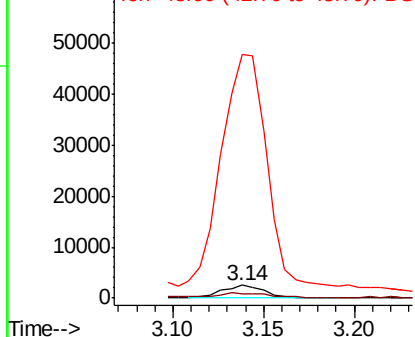
#2

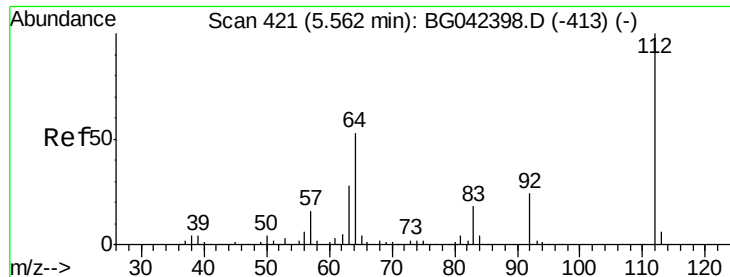
1,4-Dioxane
Concen: 5.970 ng
RT: 3.14 min Scan# 8
Delta R.T. -0.28 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

Tgt Ion: 88 Resp: 4141
Ion Ratio Lower Upper
88 100
58 33.6 58.3 87.5#
43 1998.2 20.2 30.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 110.534 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampled :

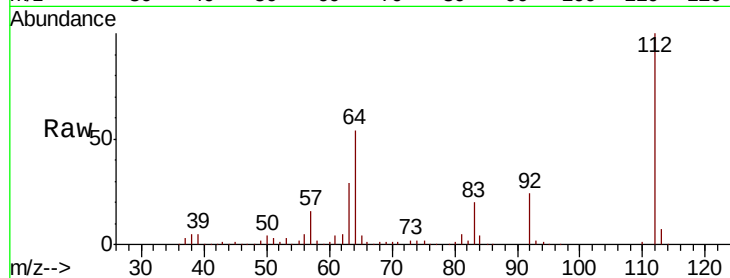
Tot Ion: 112 Resp: 183727

Ion Ratio Lower Upper

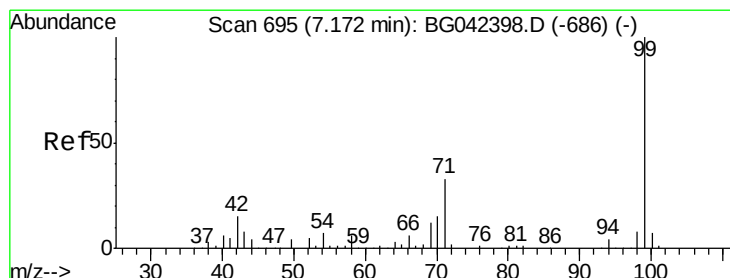
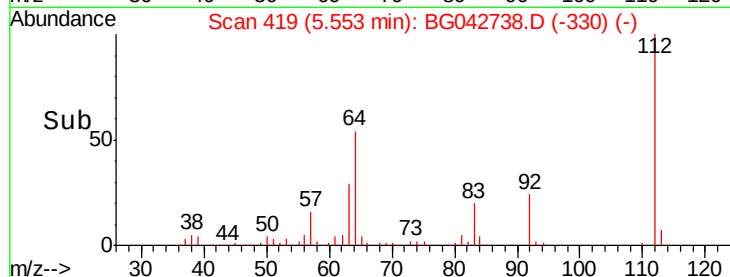
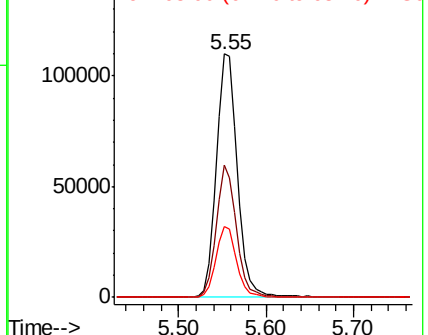
112 100

64 54.1 42.8 64.2

63 28.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 92.444 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

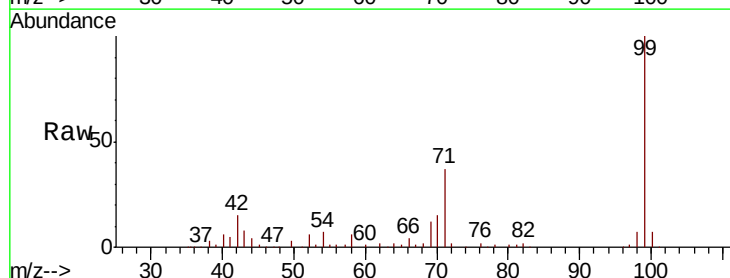
Tgt Ion: 99 Resp: 207559

Ion Ratio Lower Upper

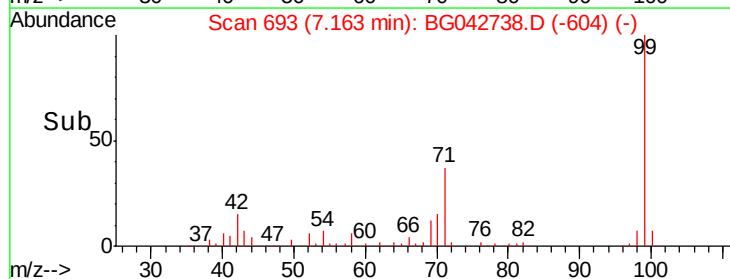
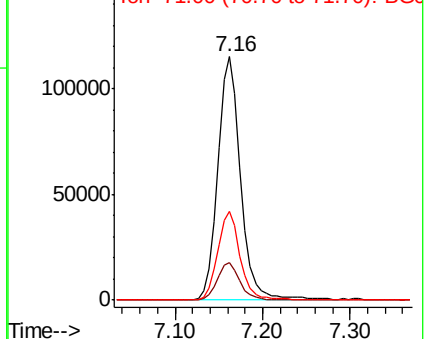
99 100

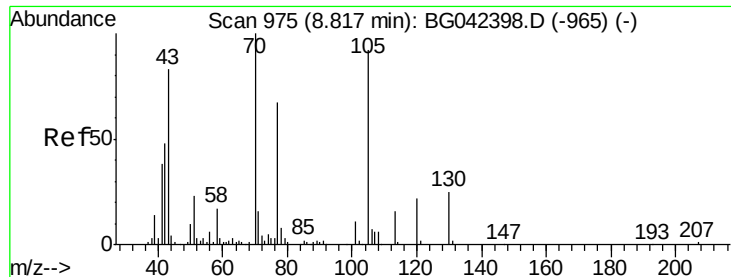
42 15.4 12.0 18.0

71 36.7 26.3 39.5



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

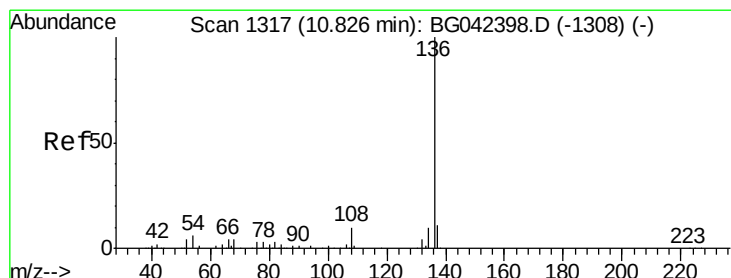
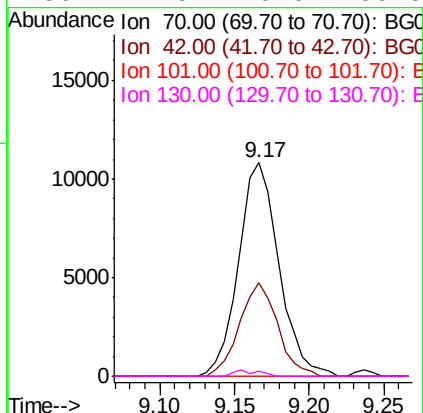
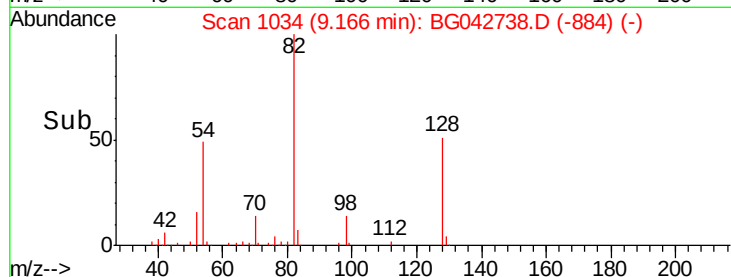
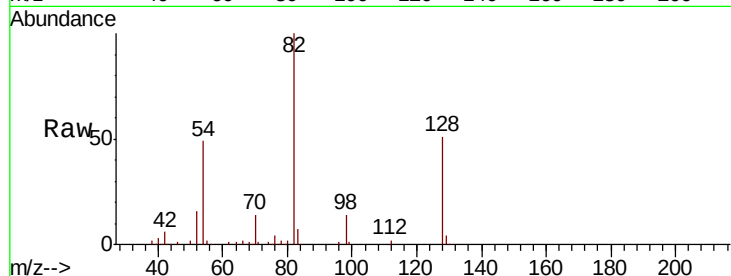




#19
n-Nitroso-di-n-propylamine
Concen: 13.924 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

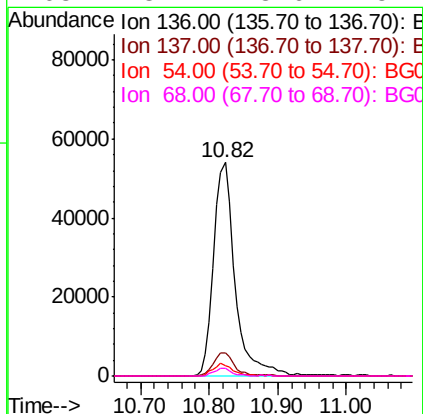
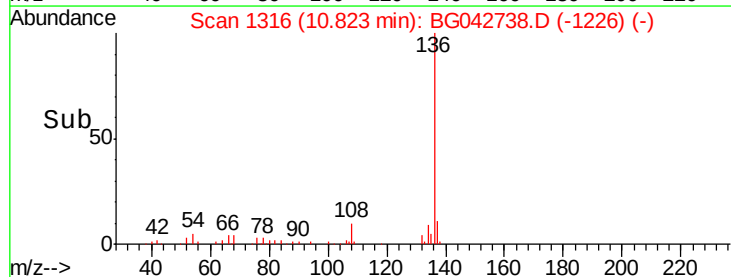
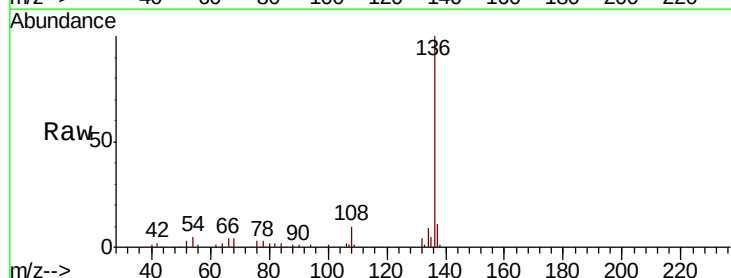
Instrument :
BNA_G
ClientSampleId :

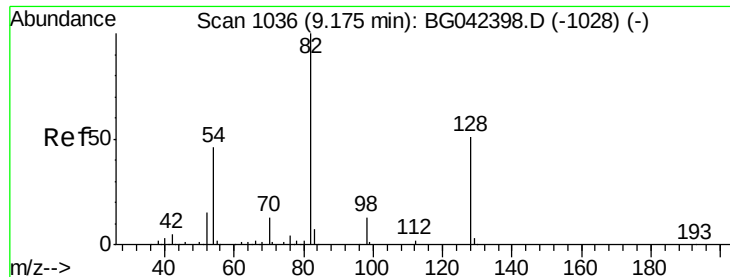
Tot Ion: 70 Resp: 20254
Ion Ratio Lower Upper
70 100
42 43.8 38.8 58.2
101 0.0 9.0 13.6#
130 2.5 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

Tgt Ion:136 Resp: 117689
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 4.9 4.9 7.3
68 3.7 3.6 5.4

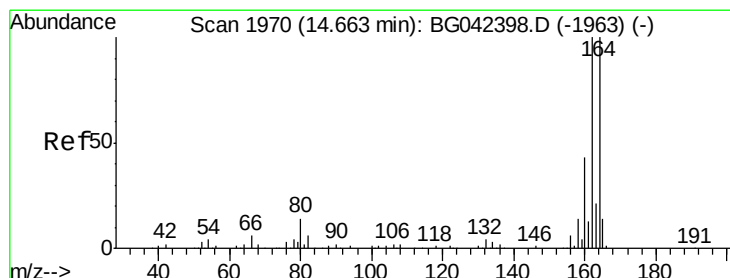
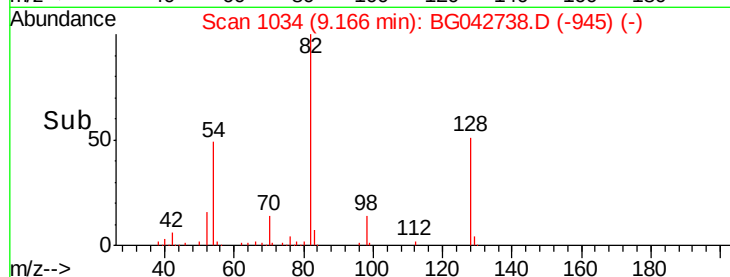
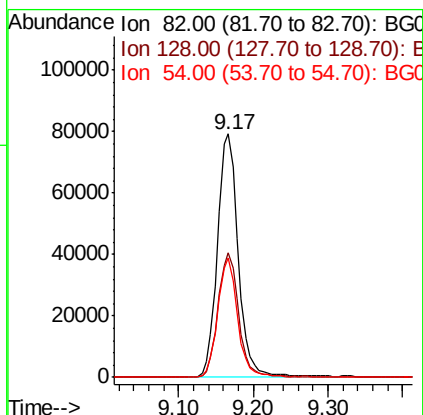
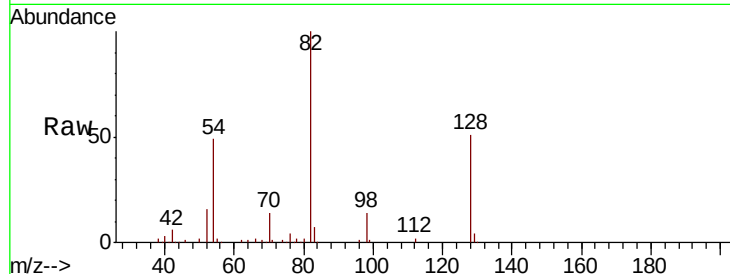




#23
 Nitrobenzene-d5
 Concen: 90.587 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

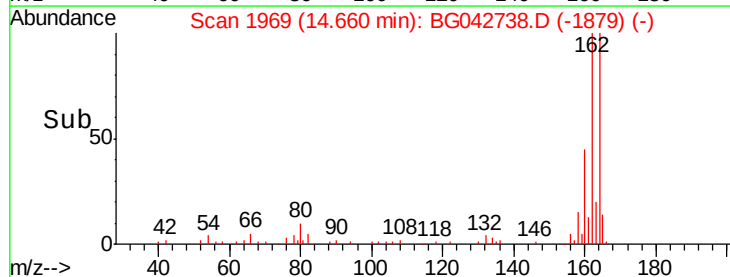
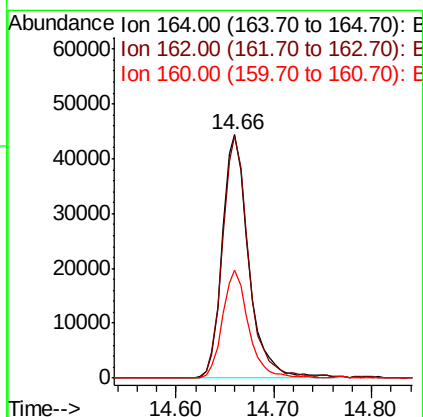
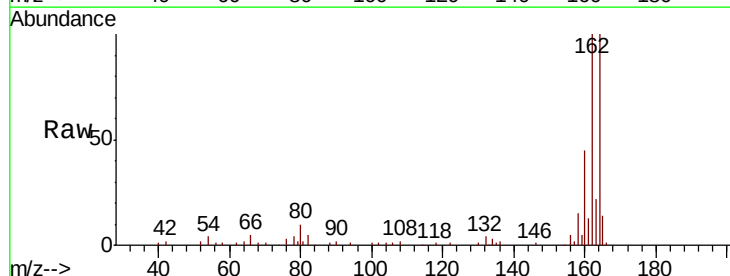
Instrument :
 BNA_G
 ClientSampleId :

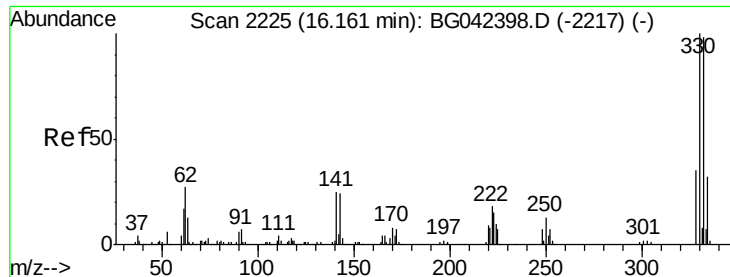
Tot Ion	82	Resp	154276
Ion Ratio	Lower	Upper	
82	100		
128	50.9	40.7	61.1
54	49.1	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

Tgt Ion	164	Resp	83337
Ion Ratio	Lower	Upper	
164	100		
162	99.7	79.9	119.9
160	44.5	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 149.254 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampled :

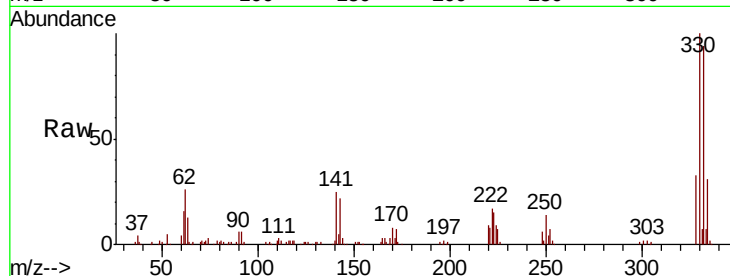
Tot Ion:330 Resp: 176791

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

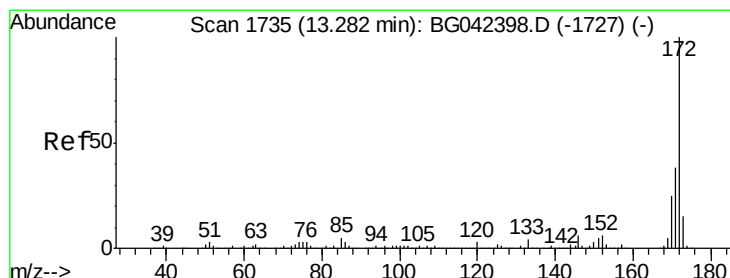
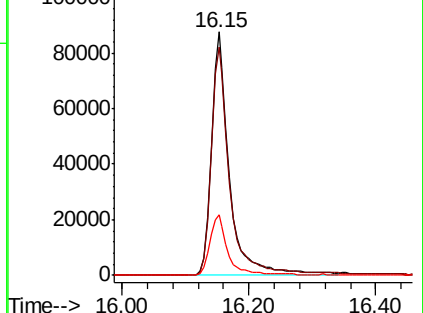
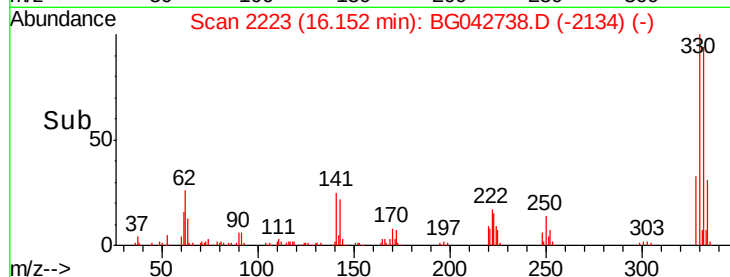
141 25.2 21.4 32.0



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: 102.953 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

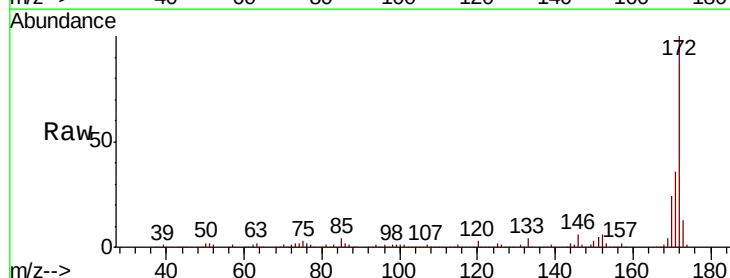
Tgt Ion:172 Resp: 507297

Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

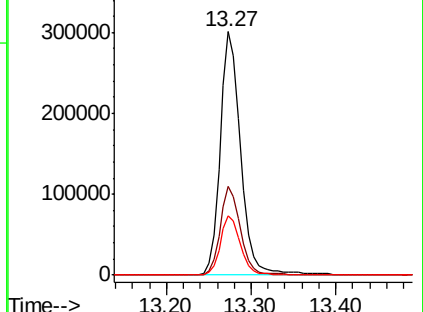
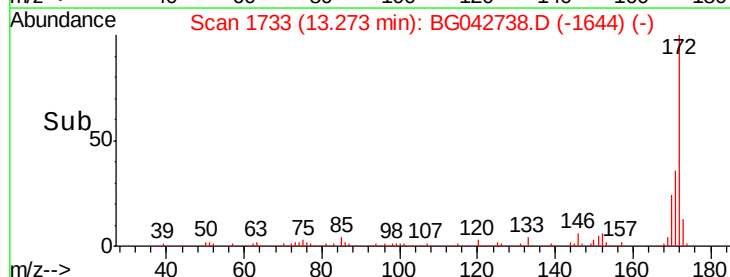
170 24.2 20.2 30.2

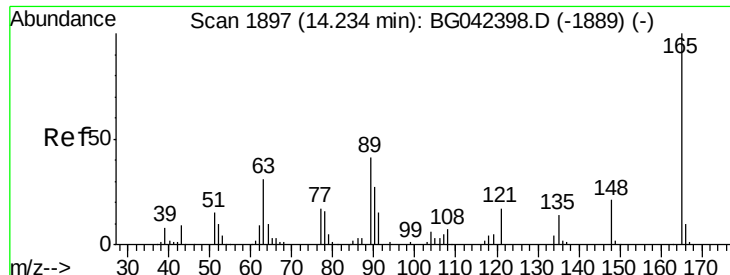


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

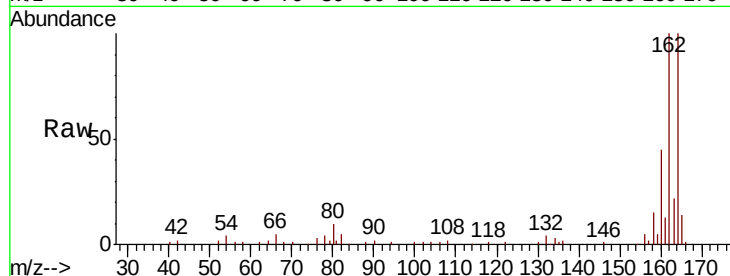




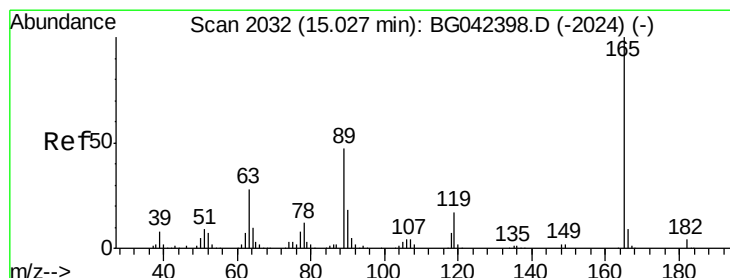
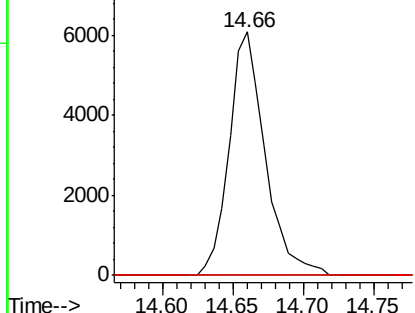
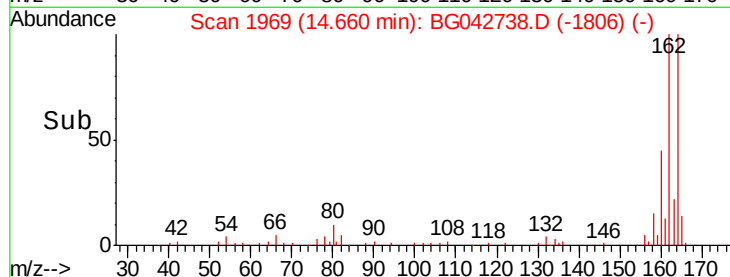
#51
 2,6-Dinitrotoluene
 Concen: 7.744 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

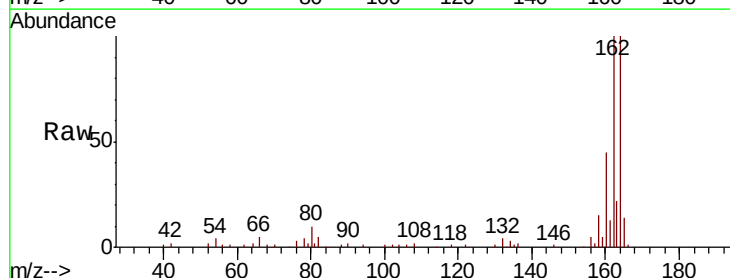


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

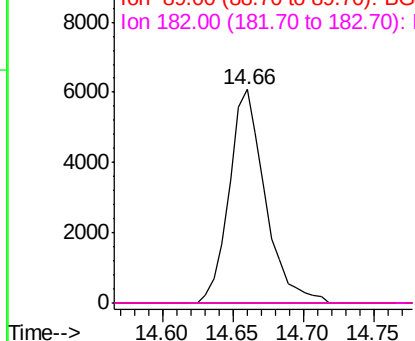
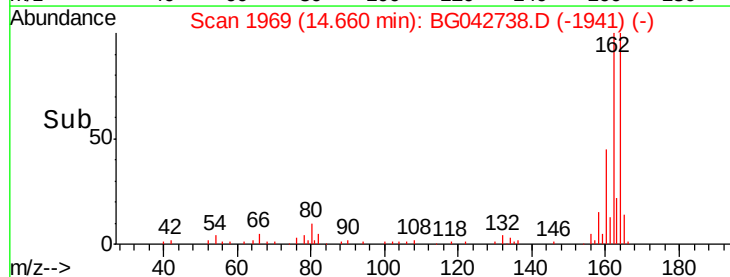


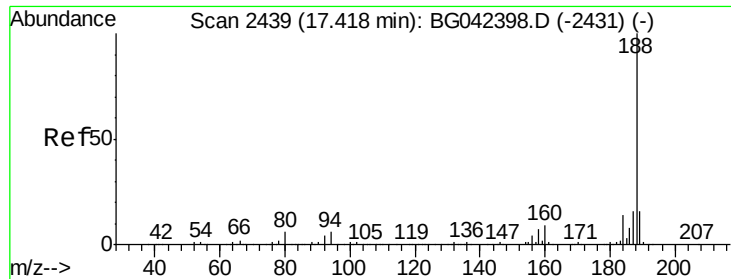
#57
 2,4-Dinitrotoluene
 Concen: 5.408 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampleId :

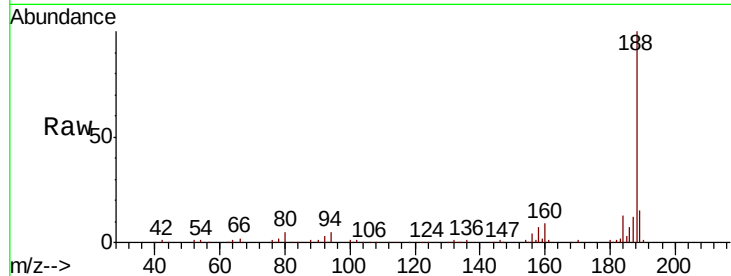
Tot Ion:188 Resp: 200735

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7

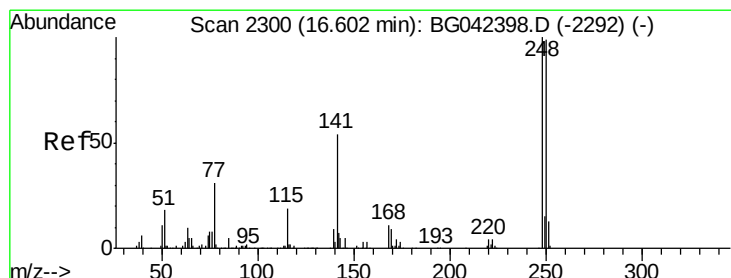
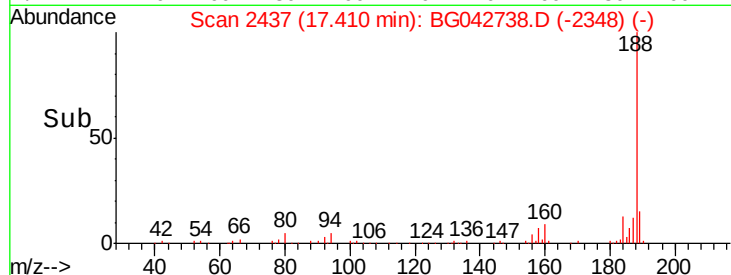
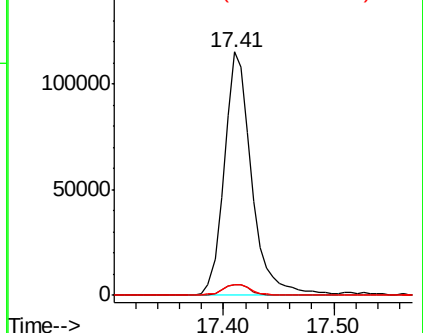
80 4.5 4.9 7.3#



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: 4.329 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

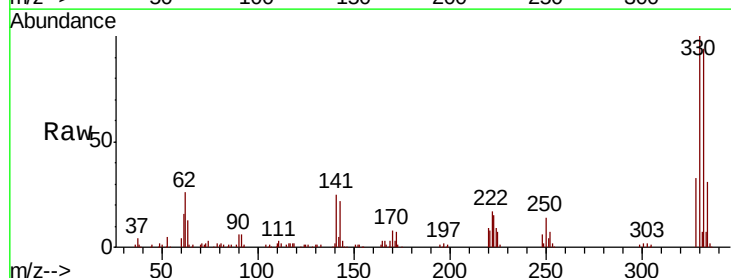
Tgt Ion:248 Resp: 11023

Ion Ratio Lower Upper

248 100

250 231.4 78.9 118.3#

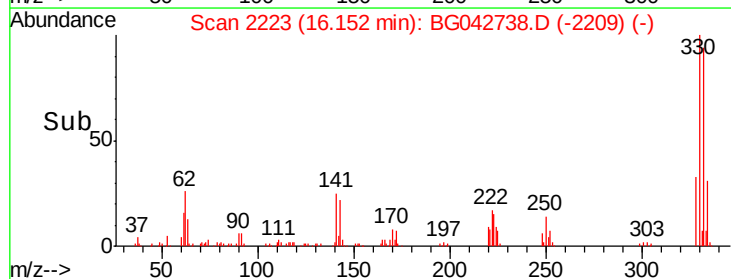
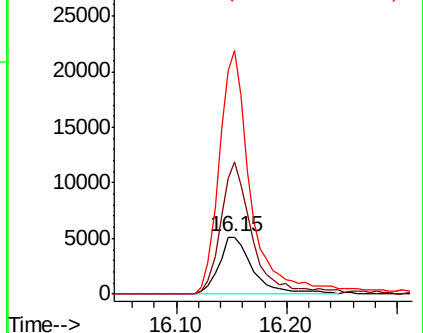
141 426.0 43.3 64.9#

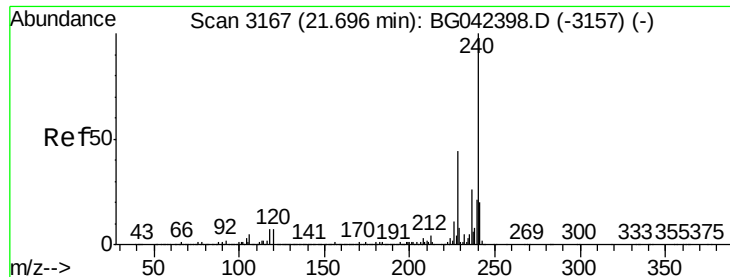


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

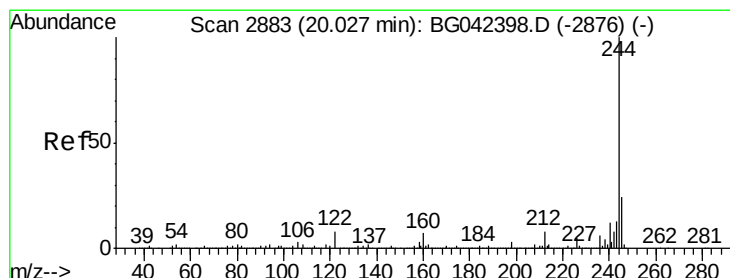
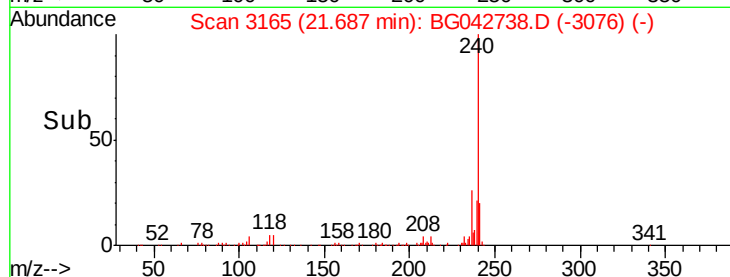
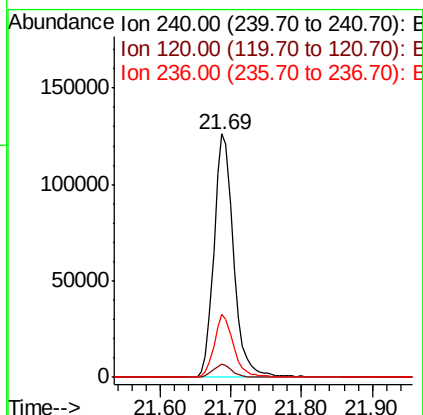
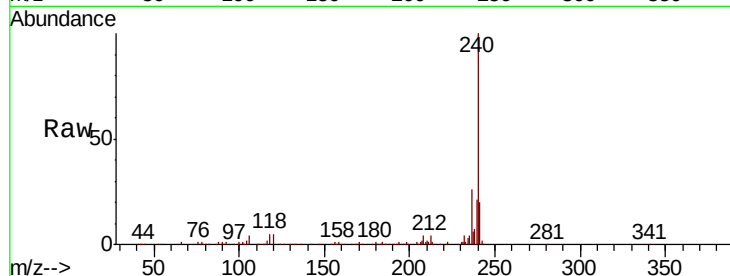




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

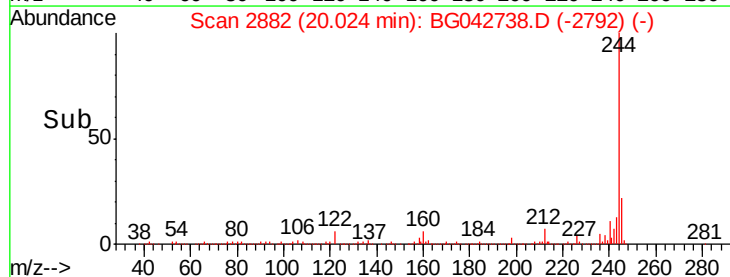
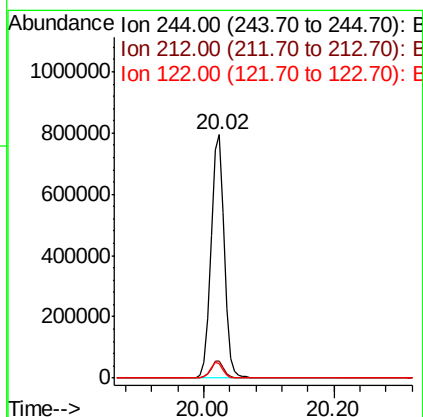
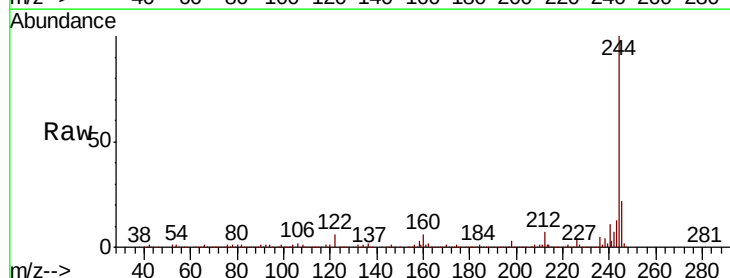
Instrument :
BNA_G
ClientSampleId :

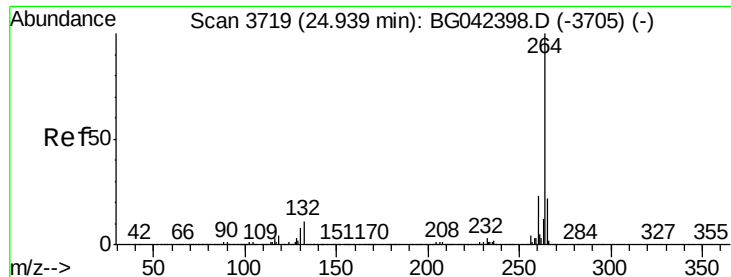
Tot Ion:240 Resp: 244086
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 98.786 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

Tgt Ion:244 Resp: 1115320
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 6.1 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.7	17.6	26.4

