

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039689.D
 Acq On : 1 Mar 2019 12:04
 Operator : JU/SJ
 Sample : PB117492TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 13:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

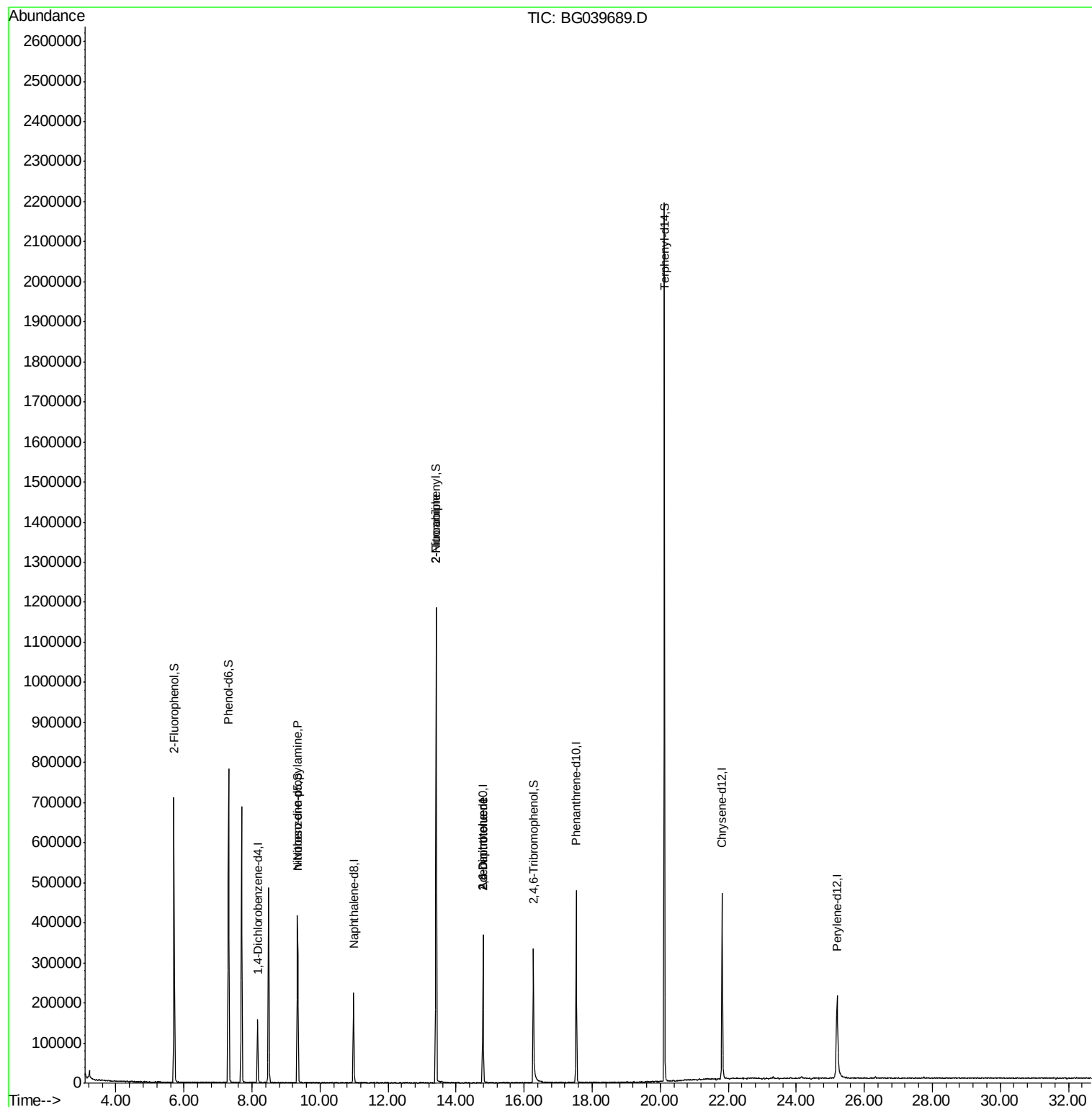
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	43974	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	195577	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	129275	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	300550	20.00	ng	0.00
76) Chrysene-d12	21.82	240	313845	20.00	ng	0.00
87) Perylene-d12	25.20	264	288927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	303767	118.23	ng	0.00
7) Phenol-d6	7.31	99	435398	115.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	253820	81.08	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	68377	49.12	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	639343	70.95	ng	0.00
79) Terphenyl-d14	20.12	244	971921	65.55	ng	0.00
Target Compounds						
9) Benzaldehyde	7.31	77	651	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.34	70	33116	12.337 ng	#	4
48) 2-Nitroaniline	13.41	65	1083	8.682 ng	#	68
51) 2,6-Dinitrotoluene	14.79	165	16551	13.882 ng	#	1
57) 2,4-Dinitrotoluene	14.79	165	16551	13.367 ng	#	24
					#	19

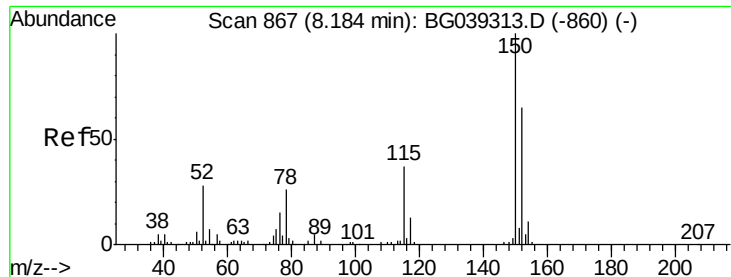
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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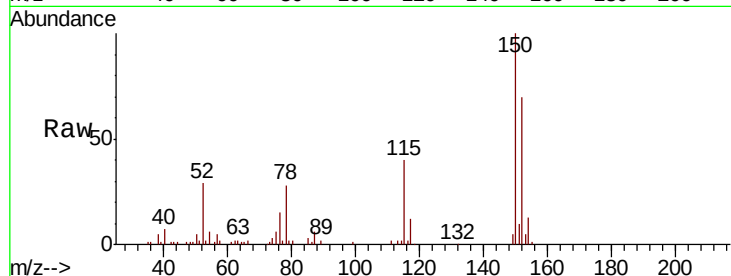


#1

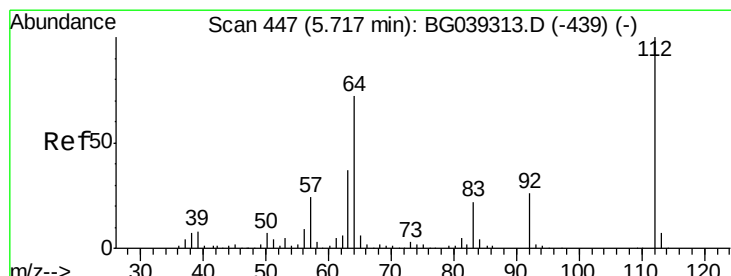
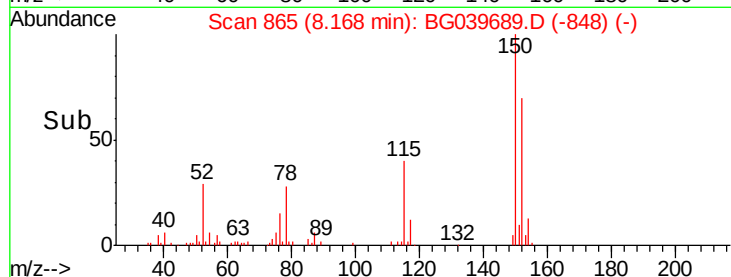
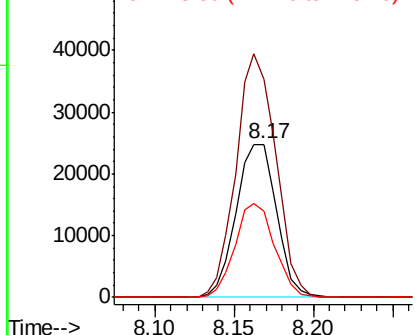
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG039689.D
Acq: 1 Mar 2019 12:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43974
Ion Ratio Lower Upper
152 100
150 142.2 123.7 185.5
115 56.6 45.9 68.9



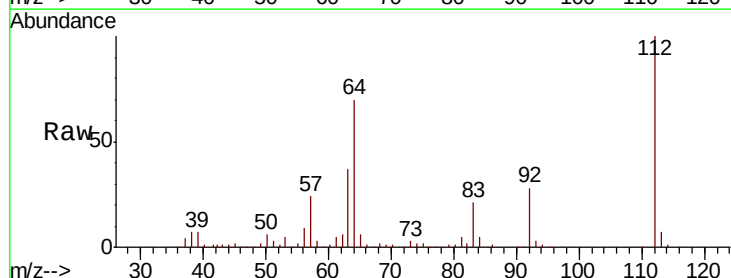
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



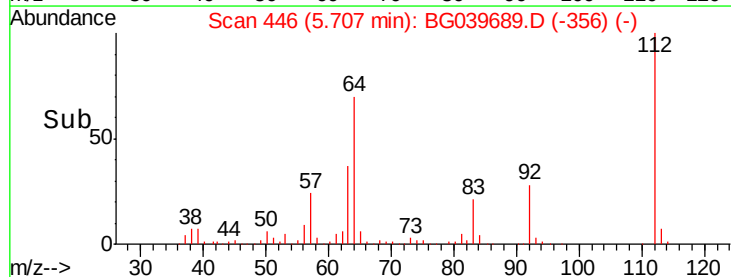
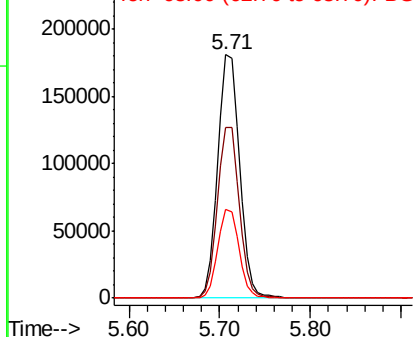
#5

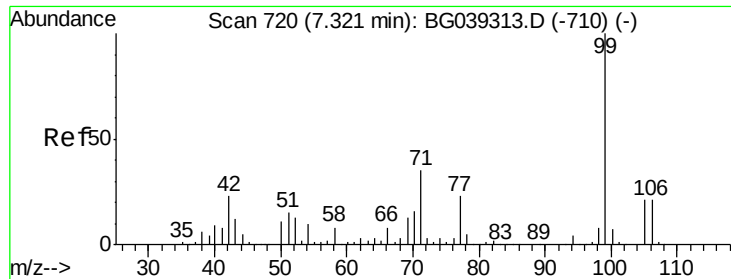
2-Fluorophenol
Concen: 118.229 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039689.D
Acq: 1 Mar 2019 12:04

Tgt Ion:112 Resp: 303767
Ion Ratio Lower Upper
112 100
64 69.9 57.8 86.8
63 36.7 29.8 44.6



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: 115.125 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039689.D

Acq: 1 Mar 2019 12:04

Instrument :

BNA_G

ClientSampleId :

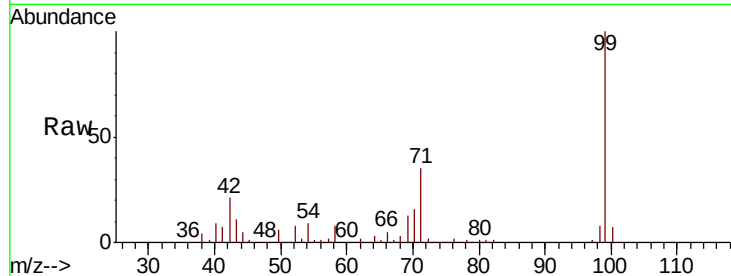
Tot Ion: 99 Resp: 435398

Ion Ratio Lower Upper

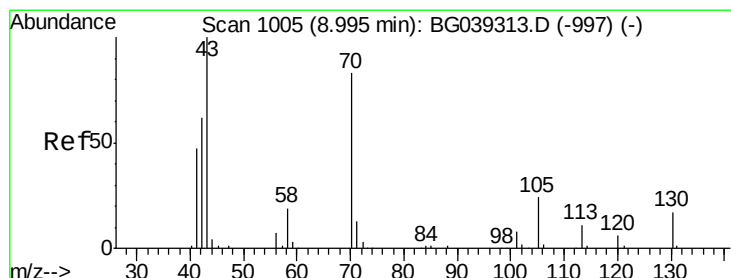
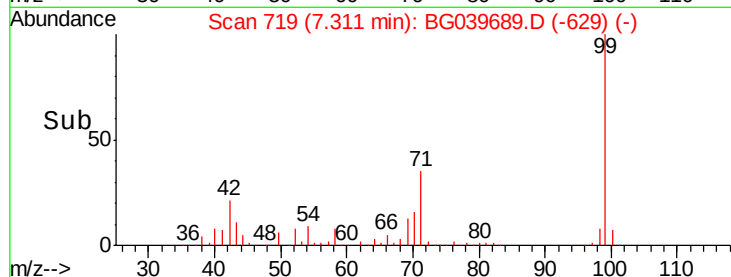
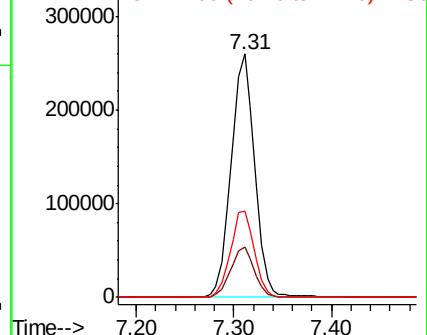
99 100

42 20.9 18.2 27.2

71 35.3 28.0 42.0



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: 12.337 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.37 min

Lab File: BG039689.D

Acq: 1 Mar 2019 12:04

Tgt Ion: 70 Resp: 33116

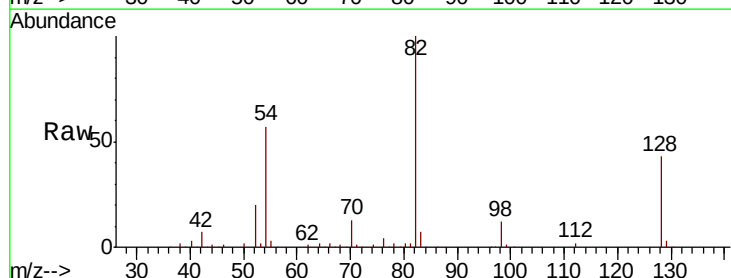
Ion Ratio Lower Upper

70 100

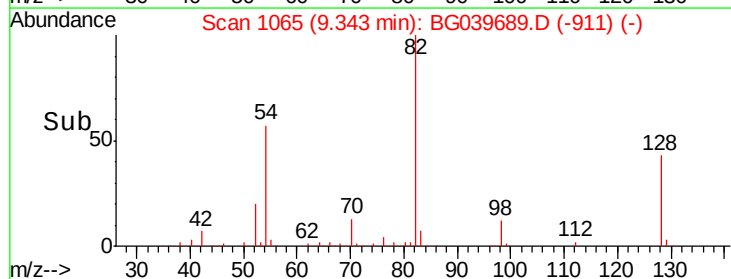
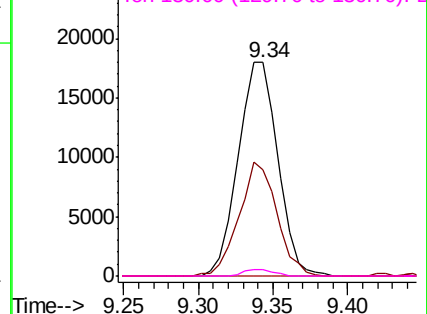
42 49.6 60.4 90.6#

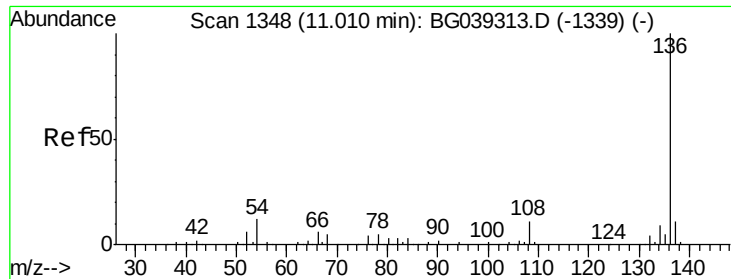
101 0.0 7.5 11.3#

130 3.0 16.9 25.3#



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

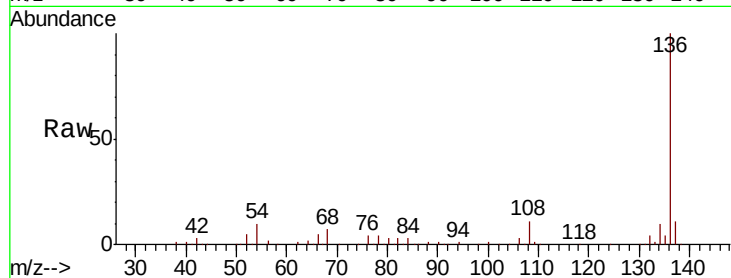




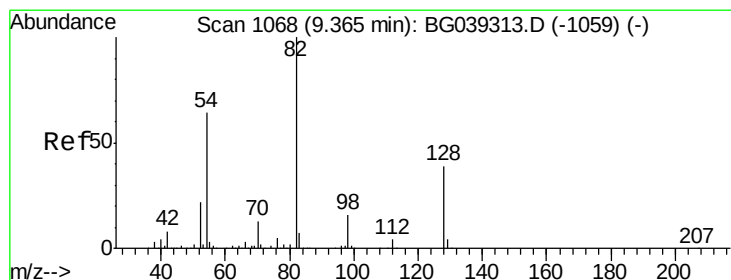
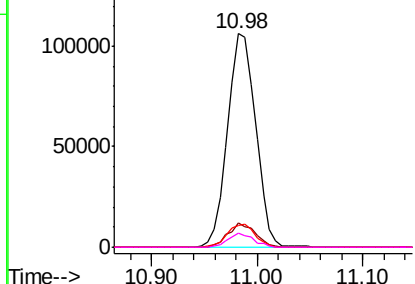
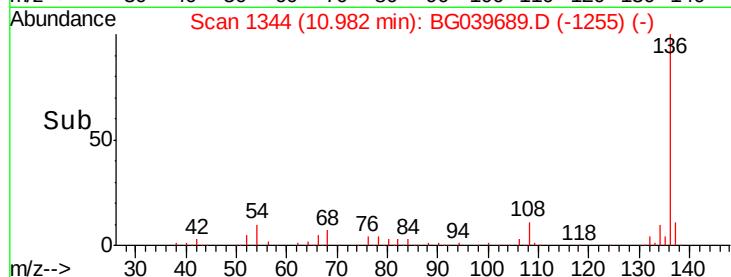
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039689.D
Acq: 1 Mar 2019 12:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	195577
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.2	9.4 14.2
68	6.7	4.2 6.4#

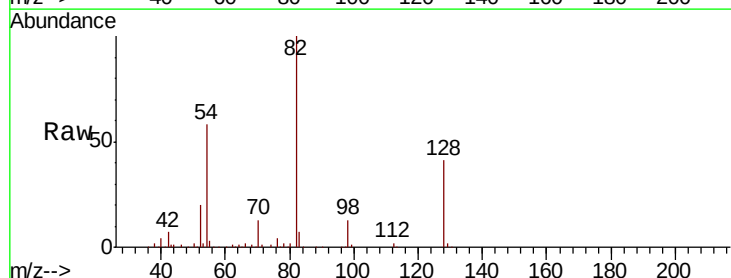


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

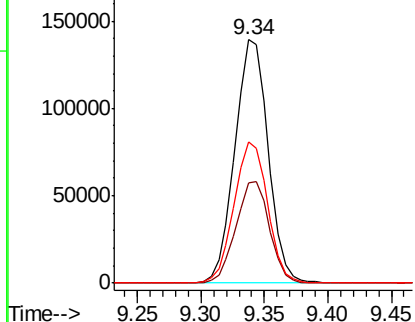
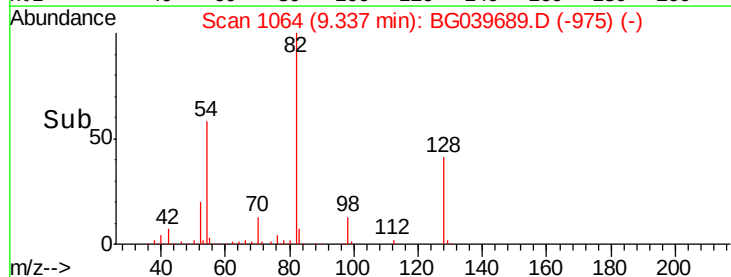


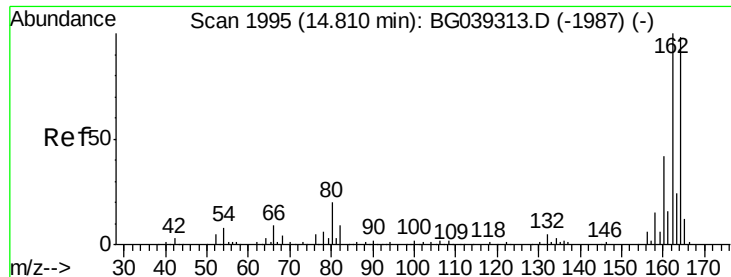
#23
Nitrobenzene-d5
Concen: 81.076 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039689.D
Acq: 1 Mar 2019 12:04

Tgt Ion: 82	Resp:	253820
Ion Ratio	Lower	Upper
82	100	
128	41.2	31.3 46.9
54	57.9	50.9 76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039689.D

Acq: 1 Mar 2019 12:04

Instrument :

BNA_G

ClientSampleId :

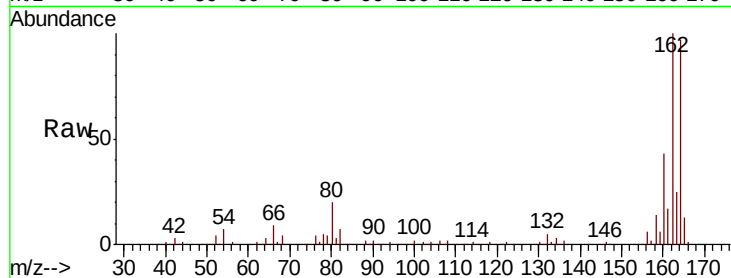
Tot Ion:164 Resp: 129275

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

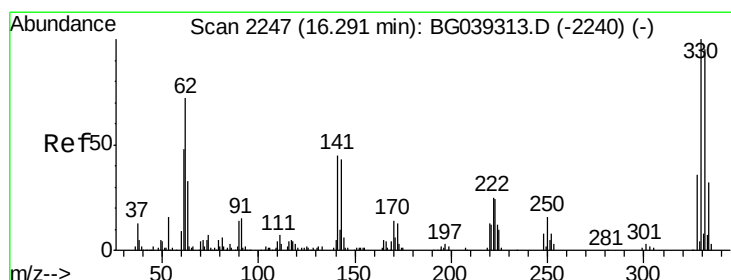
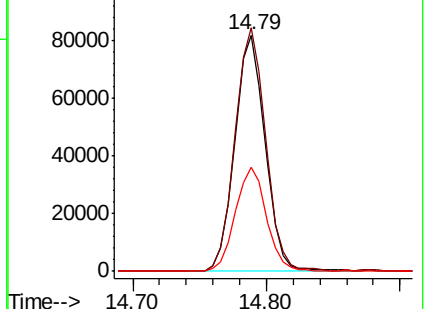
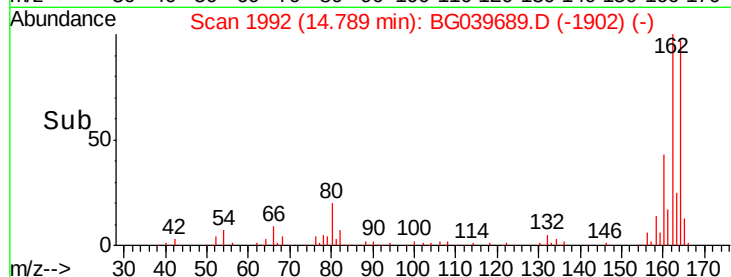
160 44.0 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 49.119 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039689.D

Acq: 1 Mar 2019 12:04

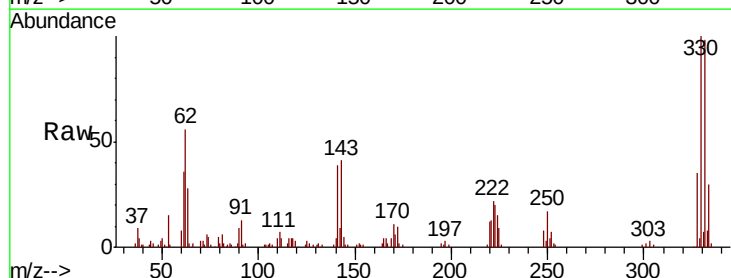
Tgt Ion:330 Resp: 68377

Ion Ratio Lower Upper

330 100

332 100.1 75.7 113.5

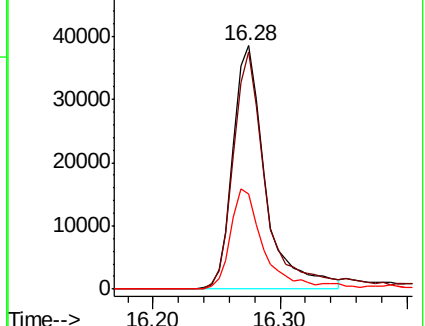
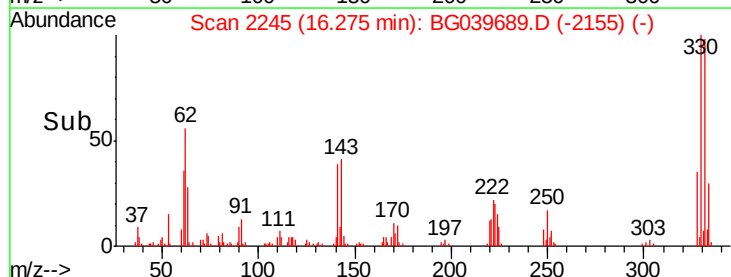
141 40.6 35.6 53.4

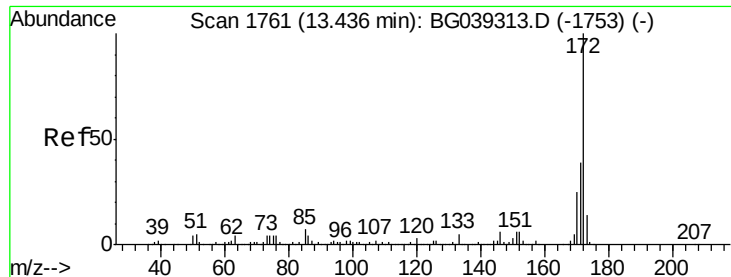


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

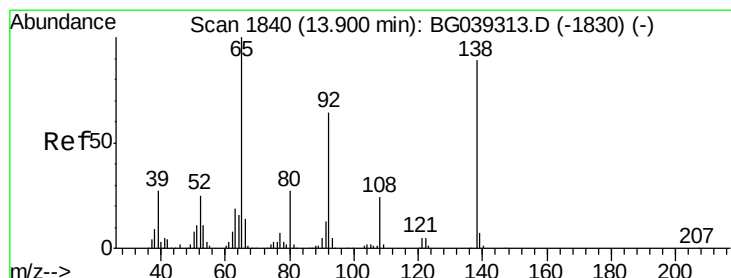
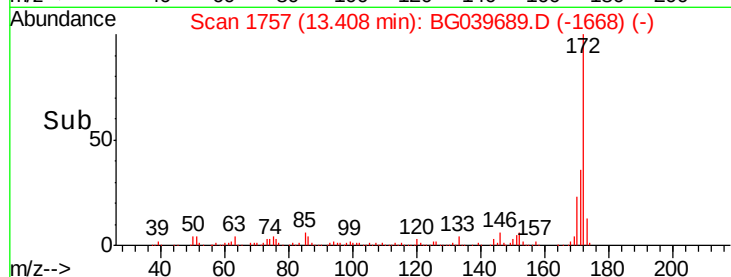
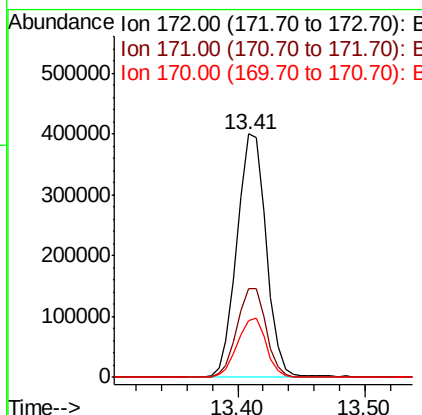
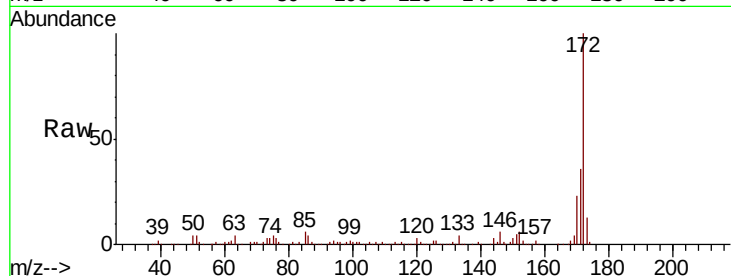




#45
 2-Fluorobiphenyl
 Concen: 70.947 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039689.D
 Acq: 1 Mar 2019 12:04

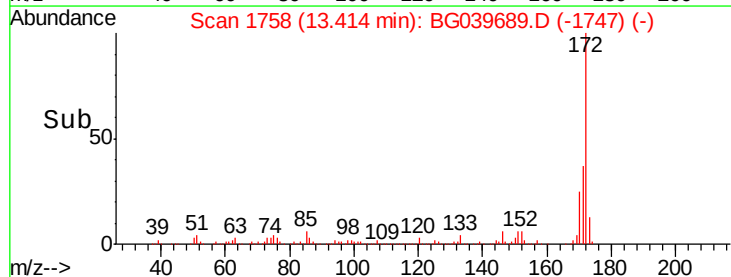
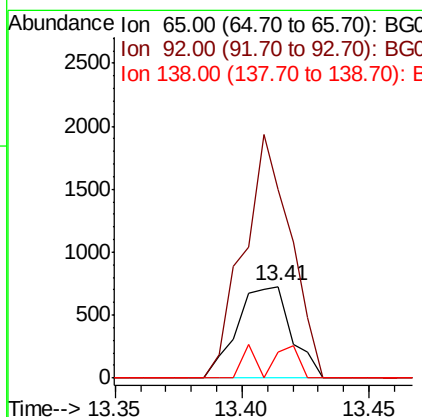
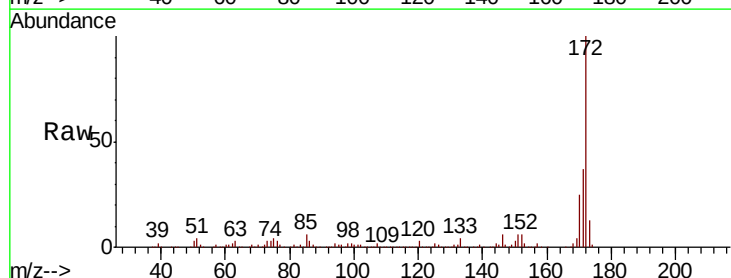
Instrument :
 BNA_G
 ClientSampleId :

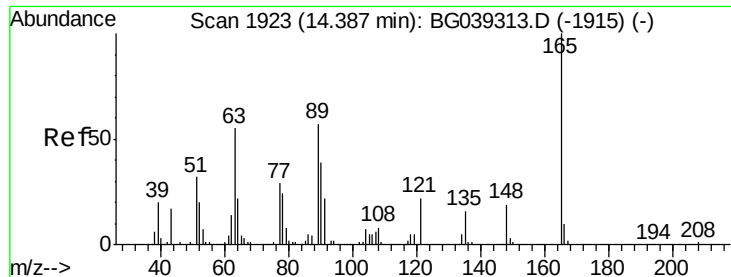
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	23.3	20.2	30.4



#48
 2-Nitroaniline
 Concen: 8.682 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.47 min
 Lab File: BG039689.D
 Acq: 1 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	205.9	51.4	77.2#
138	28.1	71.4	107.2#

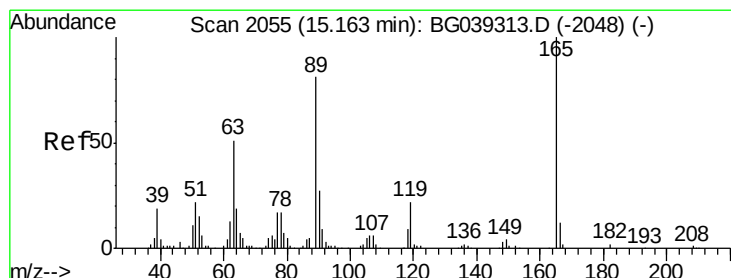
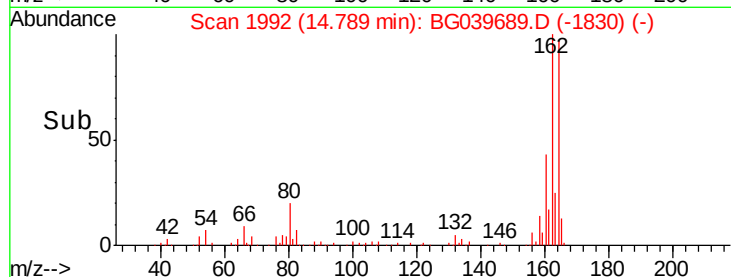
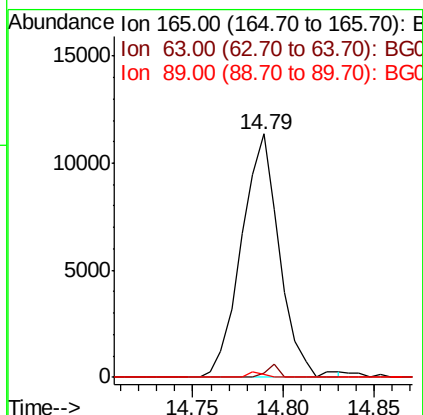
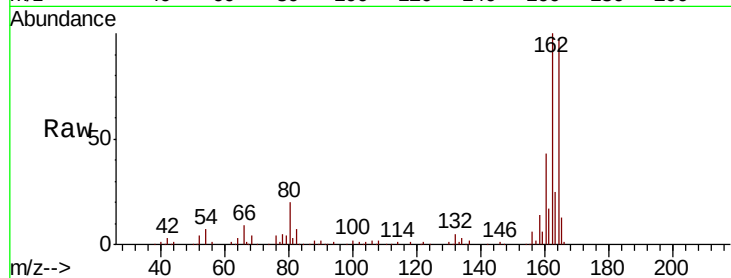




#51
 2,6-Dinitrotoluene
 Concen: 13.882 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.42 min
 Lab File: BG039689.D
 Acq: 1 Mar 2019 12:04

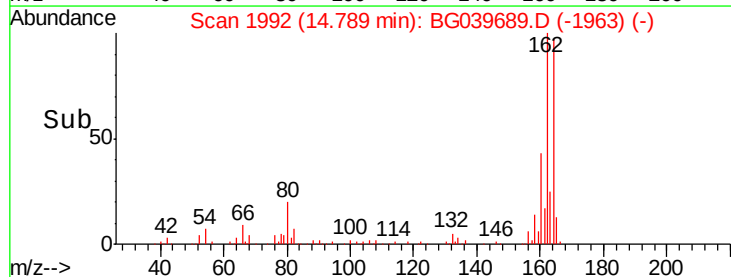
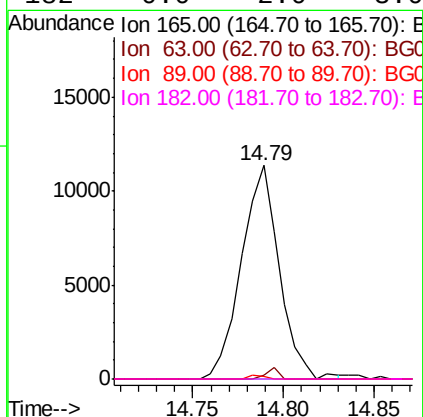
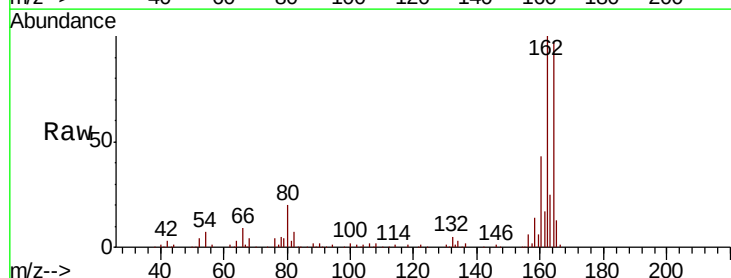
Instrument :
 BNA_G
 ClientSampleId :

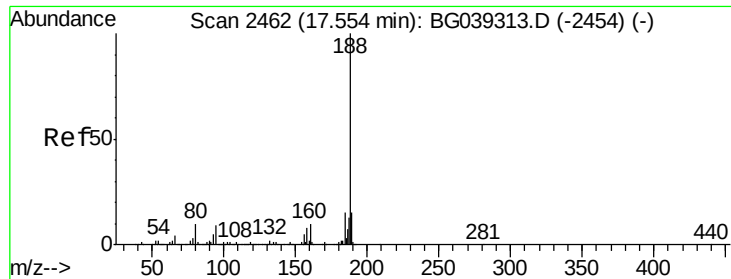
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	47.0	70.6#
89	1.4	45.8	68.8#



#57
 2,4-Dinitrotoluene
 Concen: 13.367 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.36 min
 Lab File: BG039689.D
 Acq: 1 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039689.D

Acq: 1 Mar 2019 12:04

Instrument :

BNA_G

ClientSampled :

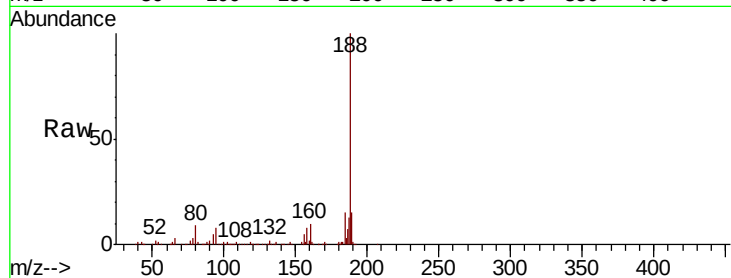
Tot Ion:188 Resp: 300550

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

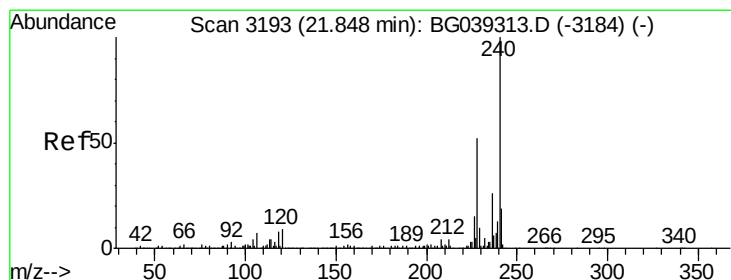
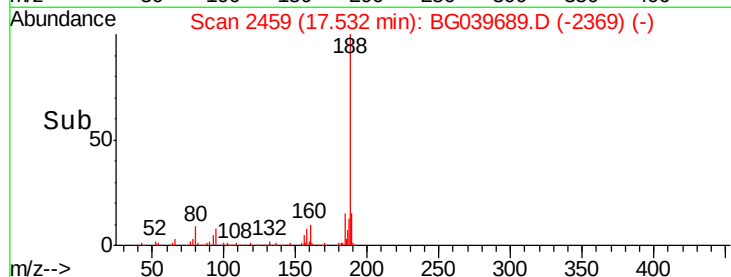
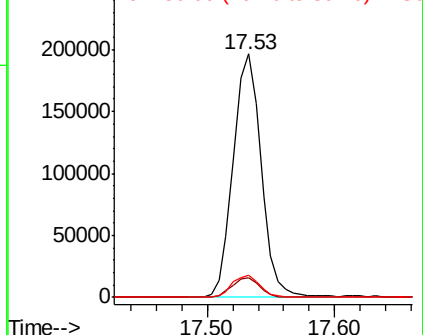
80 9.1 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039689.D

Acq: 1 Mar 2019 12:04

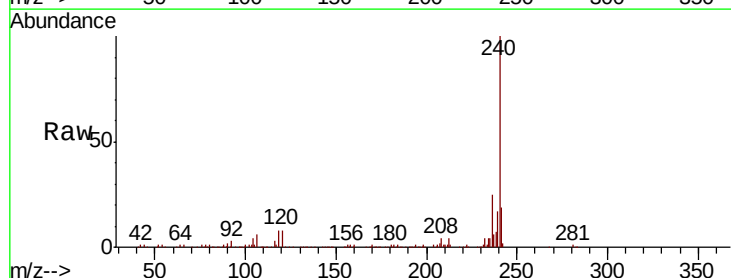
Tgt Ion:240 Resp: 313845

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

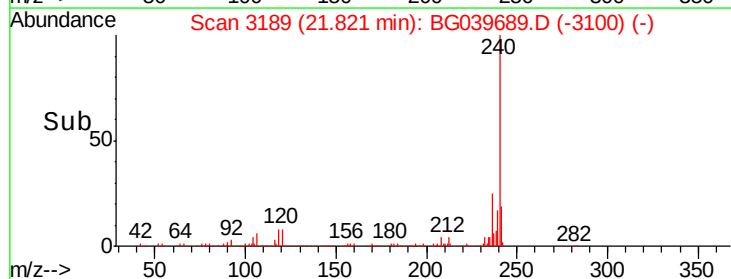
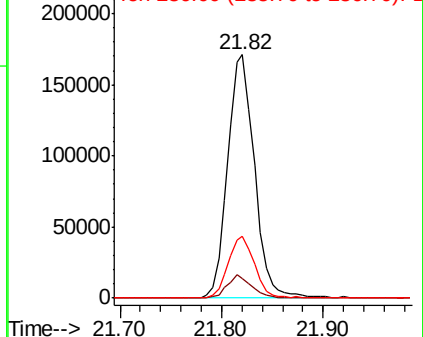
236 25.3 21.0 31.4

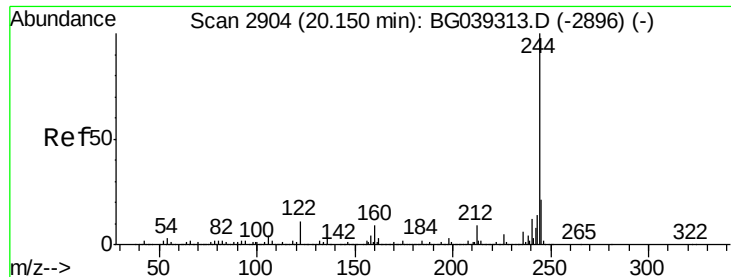


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

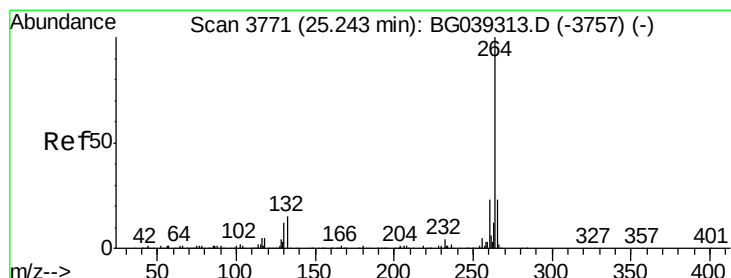
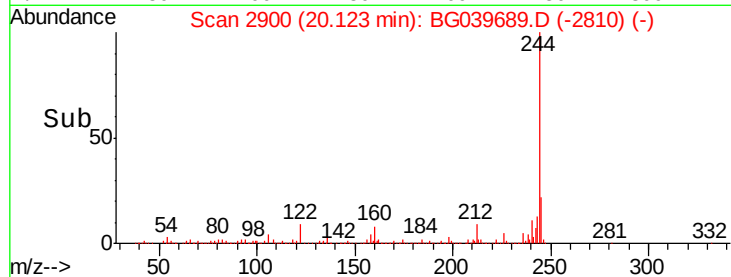
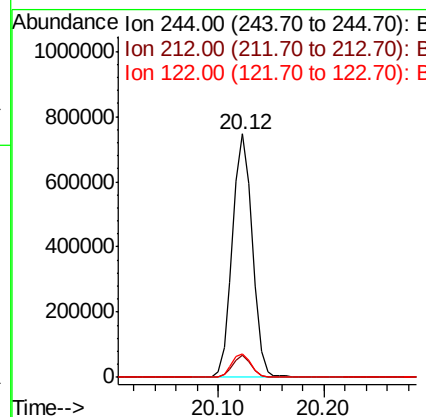
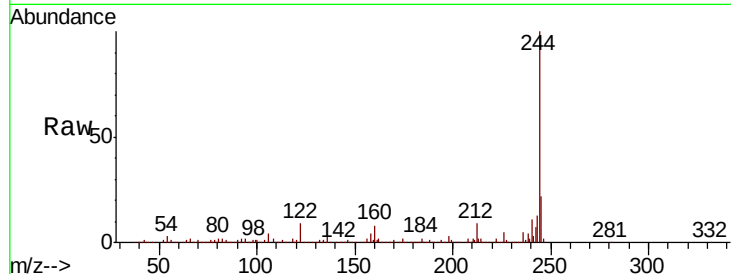




#79
 Terphenyl-d14
 Concen: 65.550 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039689.D
 Acq: 1 Mar 2019 12:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.5	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.00 min
 Lab File: BG039689.D
 Acq: 1 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	18.5	27.7

