

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040449.D
 Acq On : 11 Apr 2019 20:09
 Operator : JU/SJ
 Sample : K2311-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:27:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

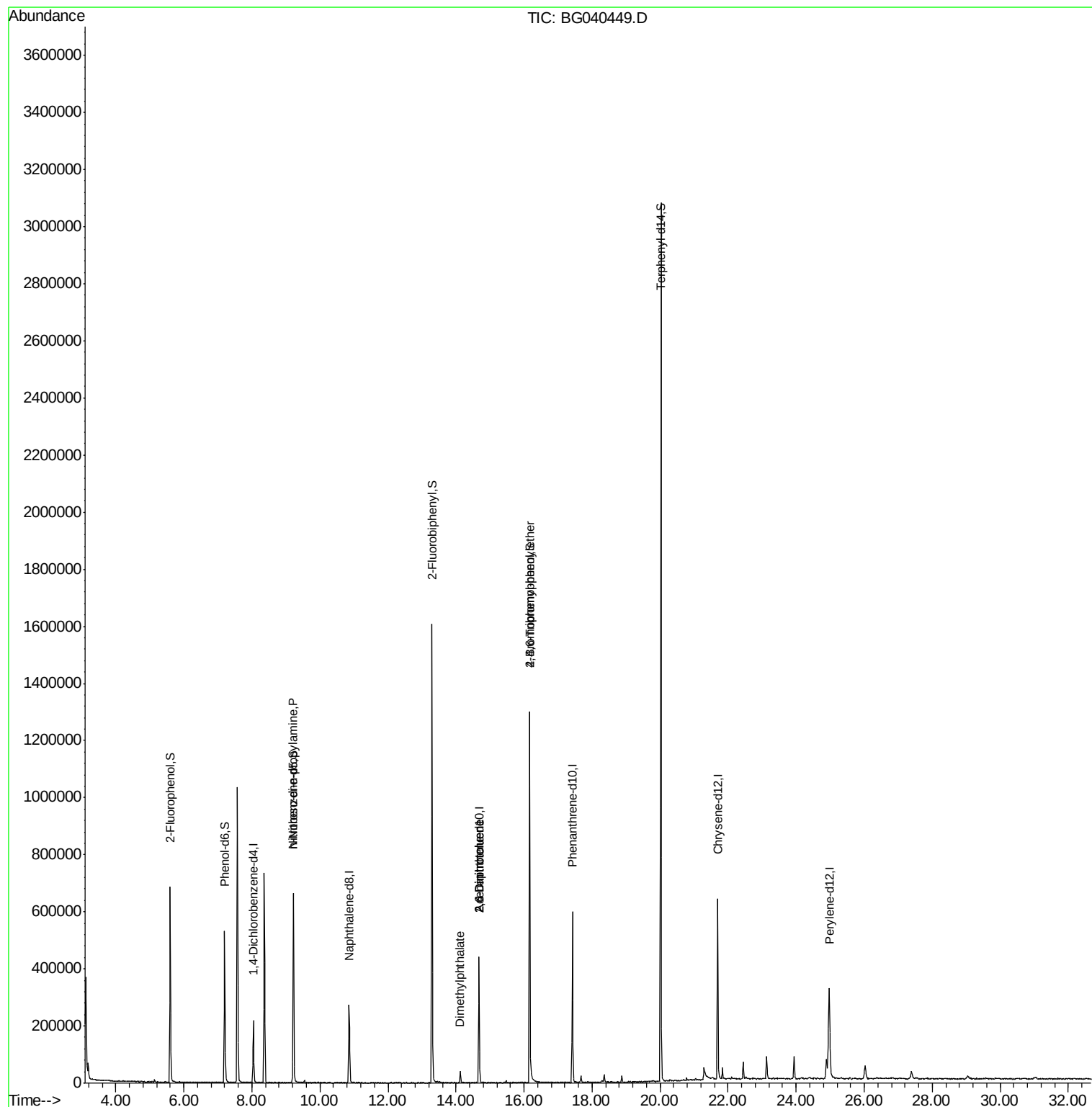
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	62118	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	250367	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	158018	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	377828	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	382793	20.00	ng	-0.04
87) Perylene-d12	24.97	264	380682	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	306285	81.97	ng	-0.02
7) Phenol-d6	7.20	99	330388	63.98	ng	-0.03
23) Nitrobenzene-d5	9.22	82	428473	90.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	239459	140.22	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	908412	85.18	ng	-0.03
79) Terphenyl-d14	20.02	244	1499296	88.11	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	55509	14.992	ng	# 72
50) Dimethylphthalate	14.12	163	31113	2.516	ng	# 98
51) 2,6-Dinitrotoluene	14.68	165	20219	7.281	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	20219	5.240	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	19079	4.487	ng	# 1

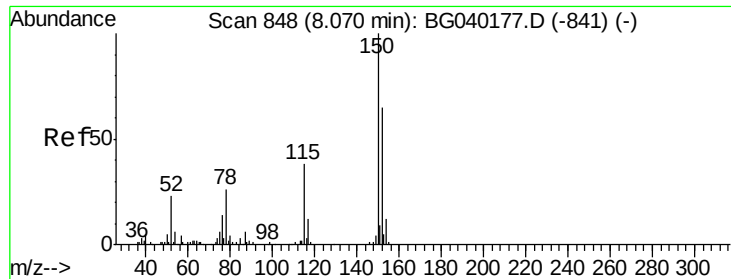
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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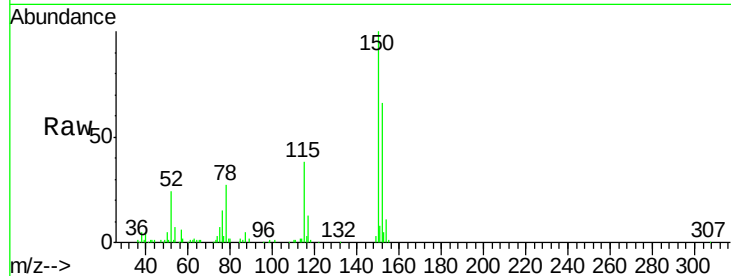


#1

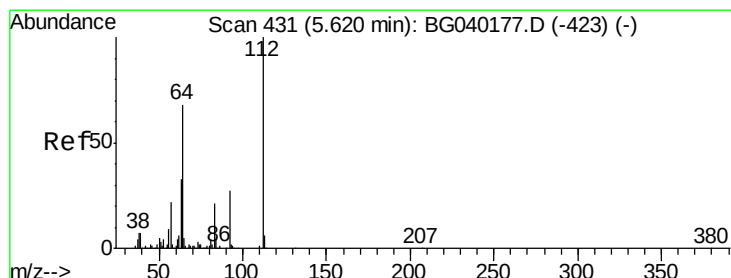
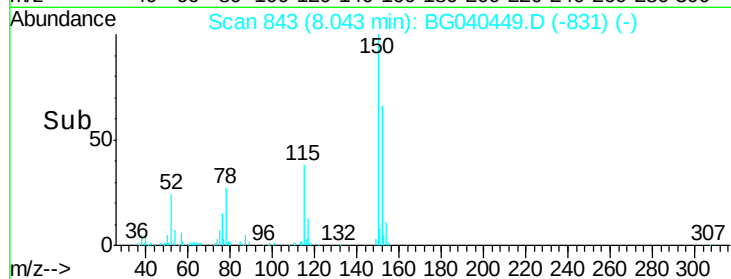
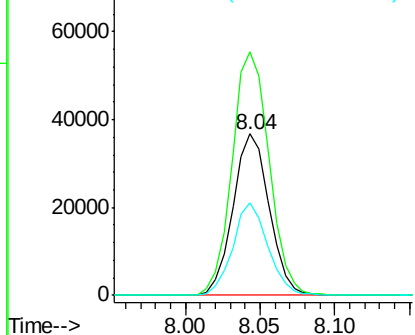
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.7	185.5
115	57.5	46.9	70.3



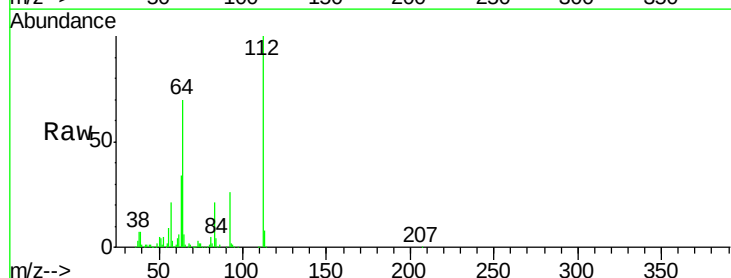
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



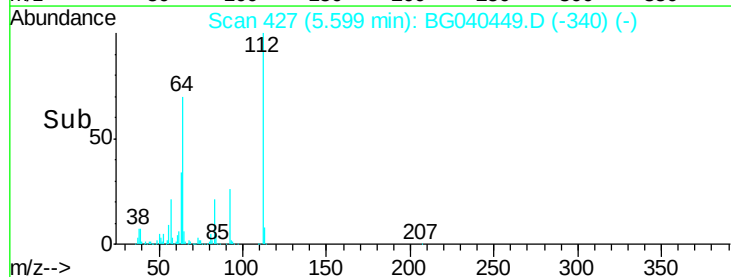
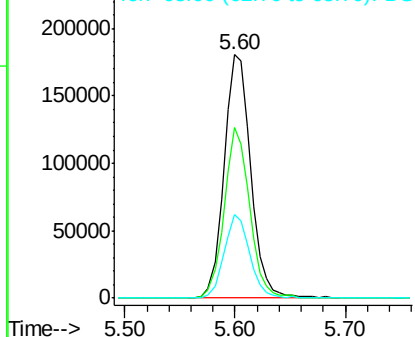
#5

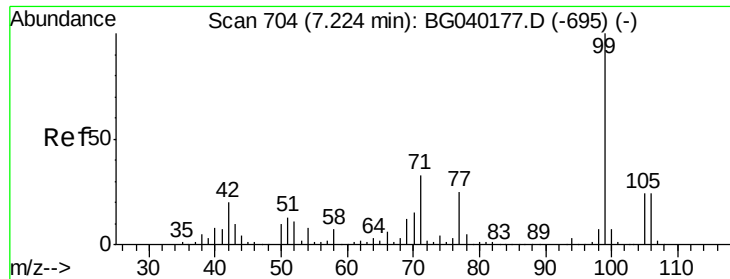
2-Fluorophenol
Concen: 81.968 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	54.2	81.2
63	34.4	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 63.978 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampled :

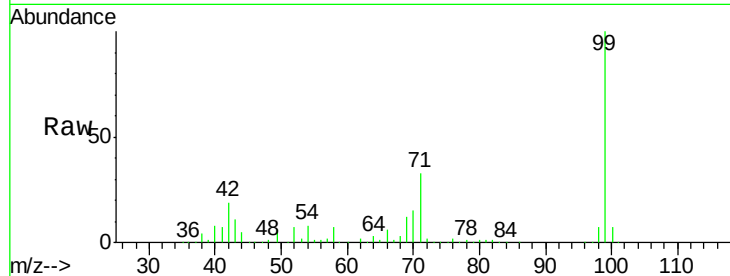
Tot Ion: 99 Resp: 330388

Ion Ratio Lower Upper

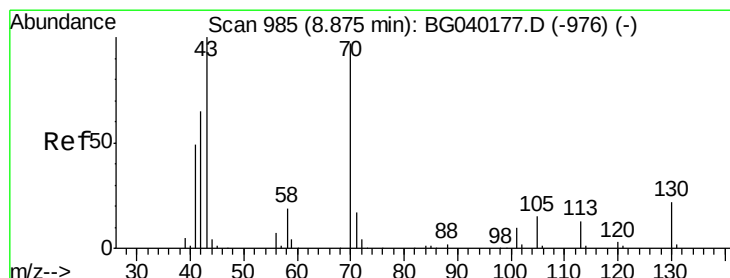
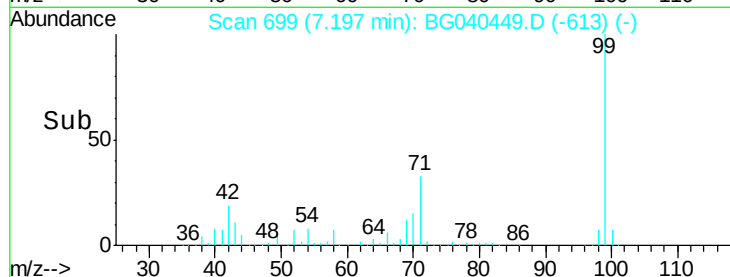
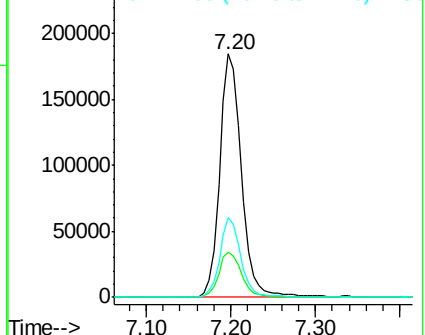
99 100

42 18.7 16.2 24.2

71 33.0 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.992 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Tgt Ion: 70 Resp: 55509

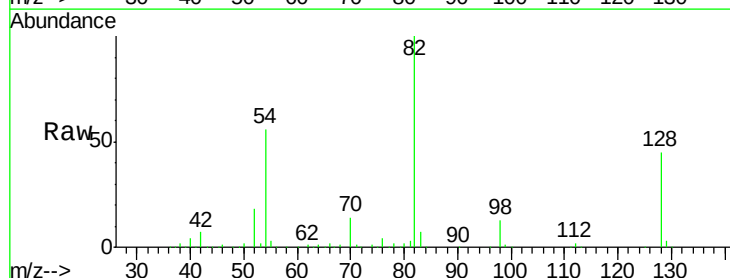
Ion Ratio Lower Upper

70 100

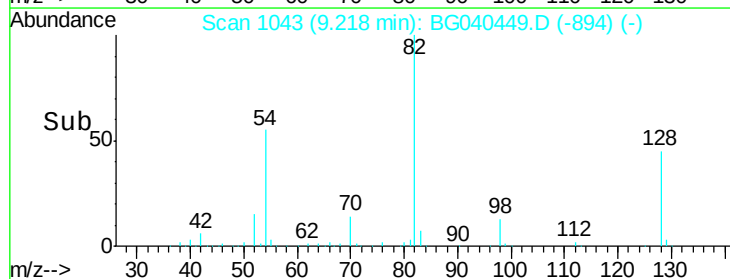
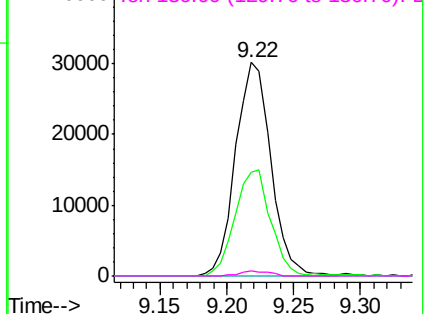
42 48.3 54.0 81.0#

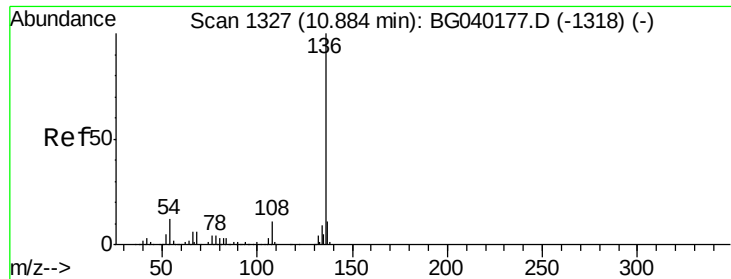
101 0.0 8.6 13.0#

130 2.5 18.2 27.2#



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

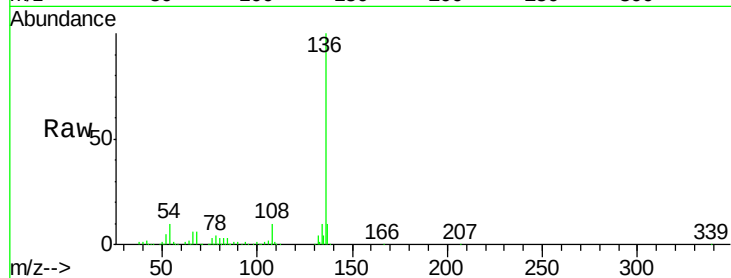




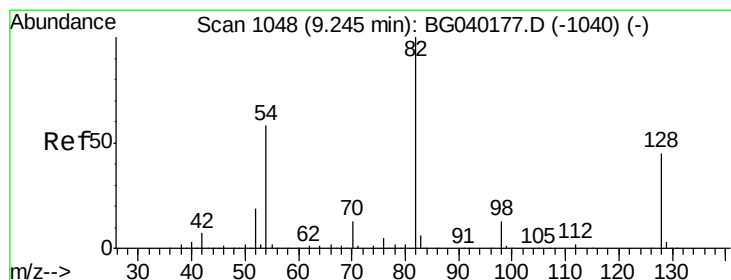
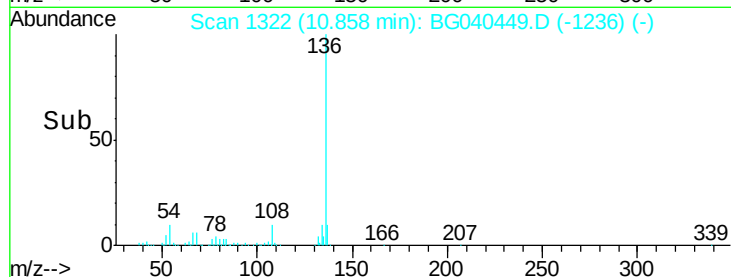
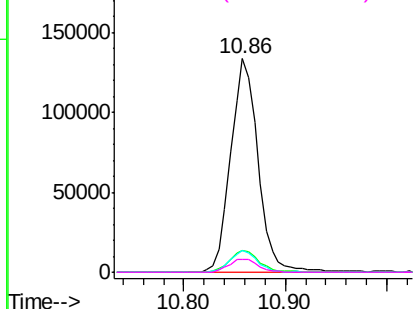
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	250367
Ion	Ratio	Lower Upper
136	100	
137	9.9	8.9 13.3
54	10.5	9.6 14.4
68	6.0	5.1 7.7

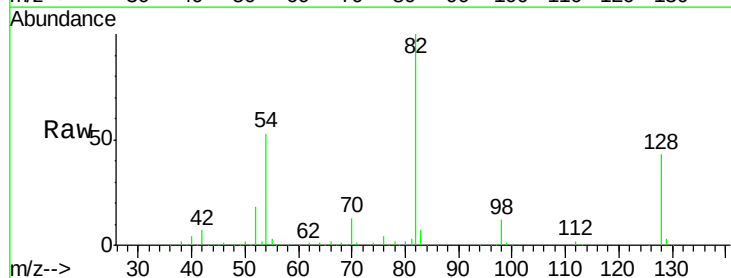


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

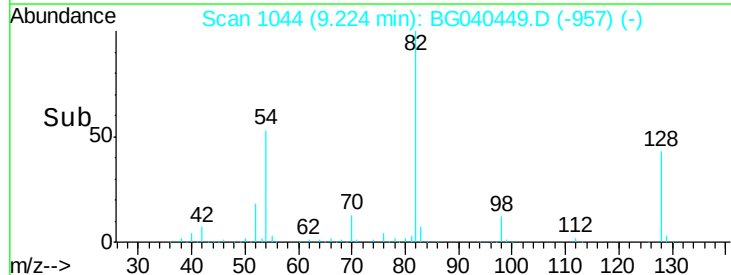
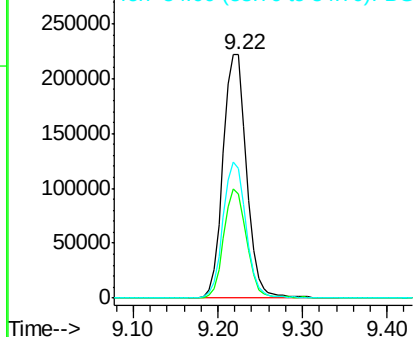


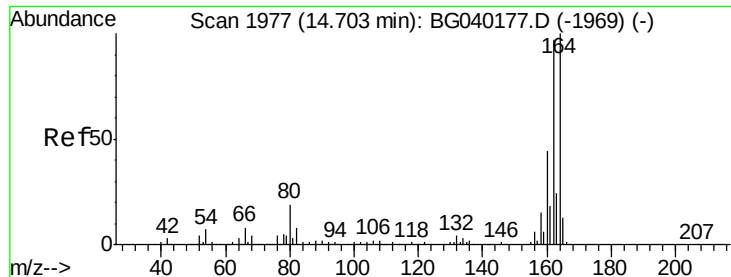
#23
Nitrobenzene-d5
Concen: 90.966 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Tgt Ion: 82	Resp:	428473
Ion	Ratio	Lower Upper
82	100	
128	42.6	35.8 53.8
54	53.5	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampleId :

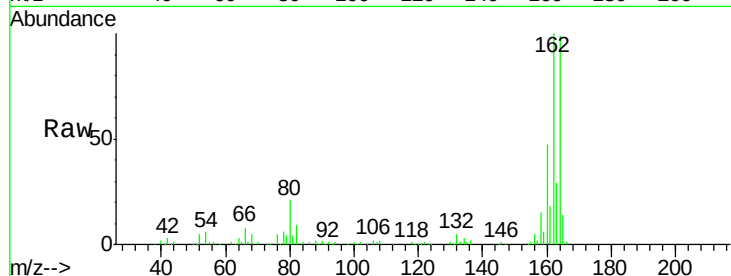
Tot Ion:164 Resp: 158018

Ion Ratio Lower Upper

164 100

162 100.9 77.4 116.2

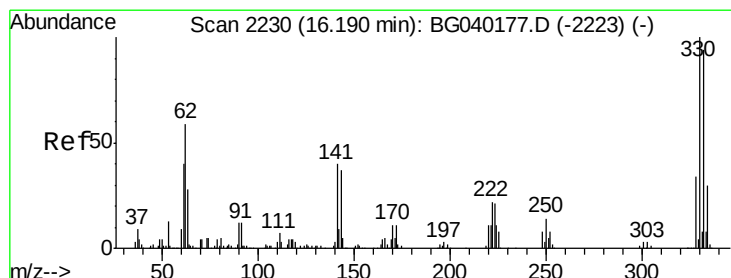
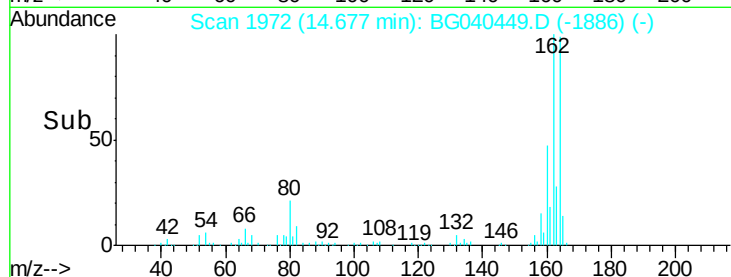
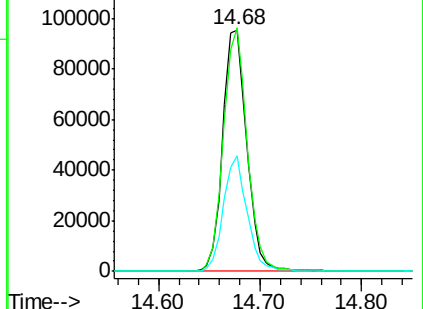
160 47.9 35.3 52.9



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: 140.218 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

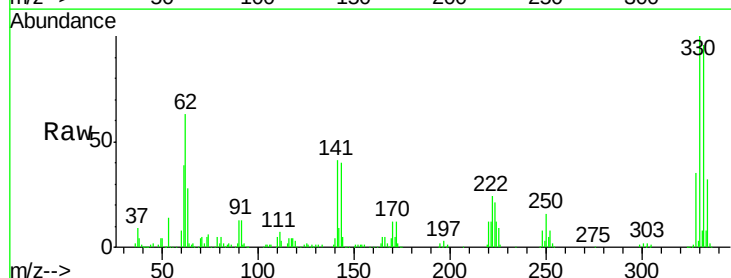
Tgt Ion:330 Resp: 239459

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

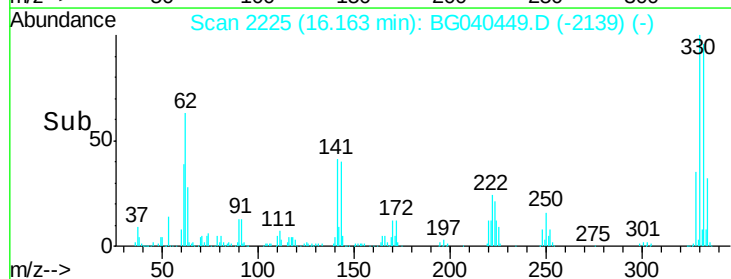
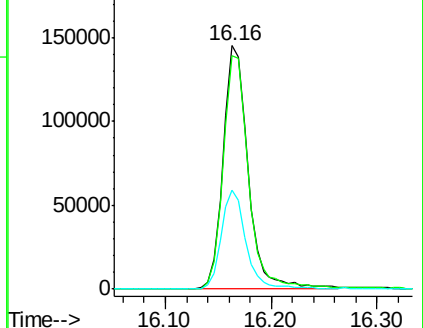
141 40.4 32.6 48.8

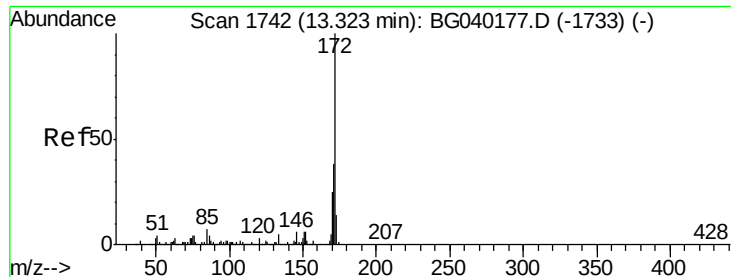


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 85.183 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampleId :

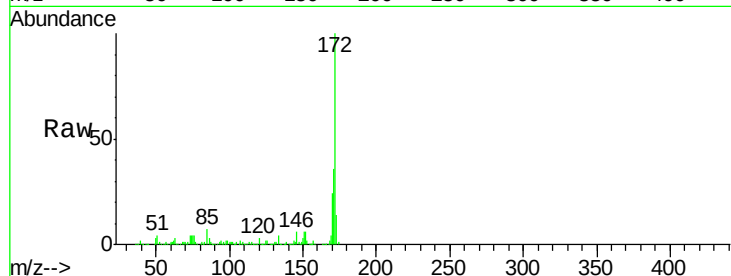
Tot Ion:172 Resp: 908412

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

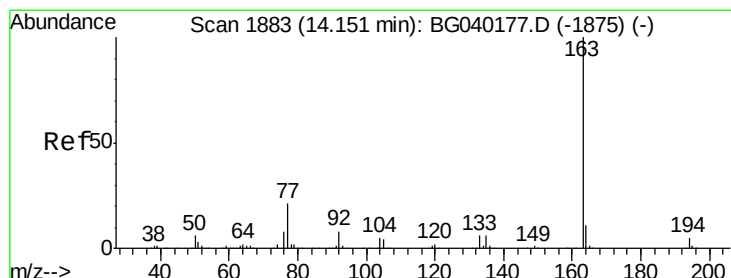
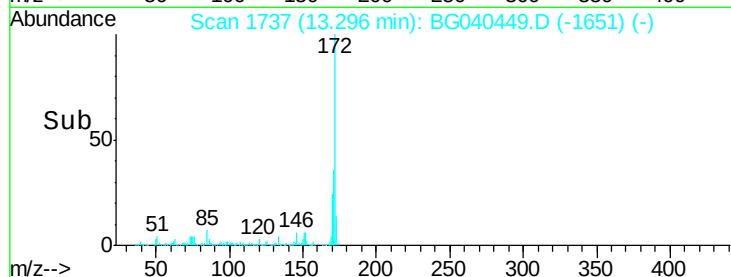
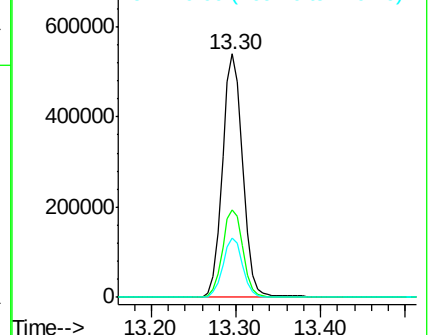
170 24.1 20.1 30.1



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



#50

Dimethylphthalate

Concen: 2.516 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

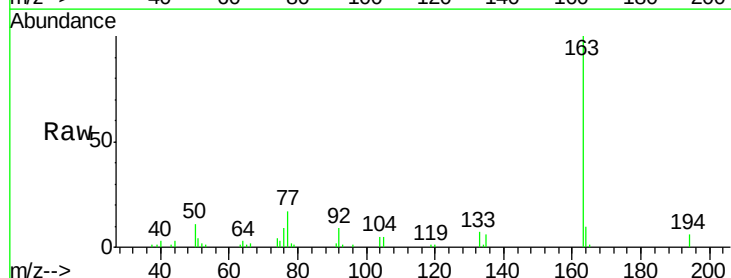
Tgt Ion:163 Resp: 31113

Ion Ratio Lower Upper

163 100

194 6.4 4.1 6.1#

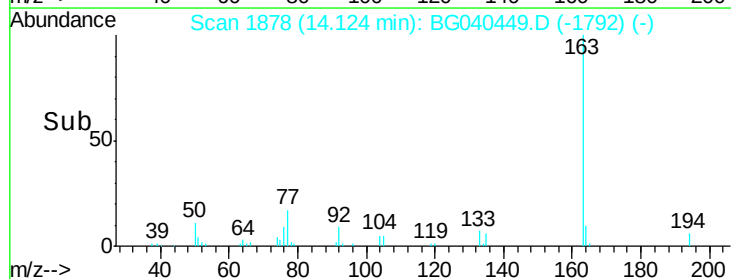
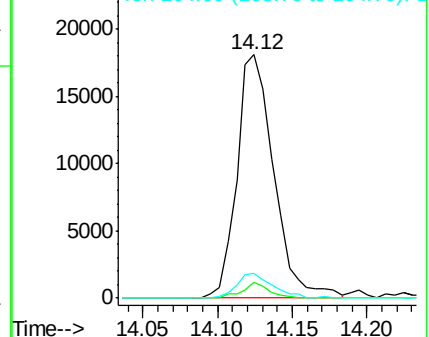
164 10.2 8.6 13.0

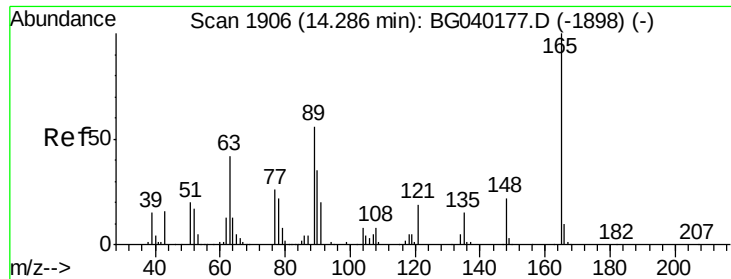


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

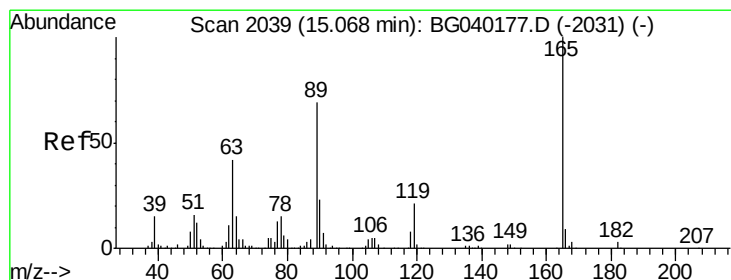
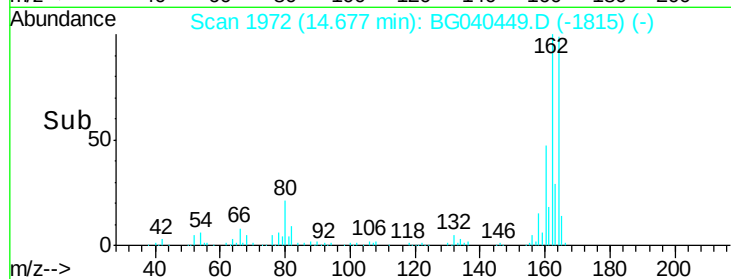
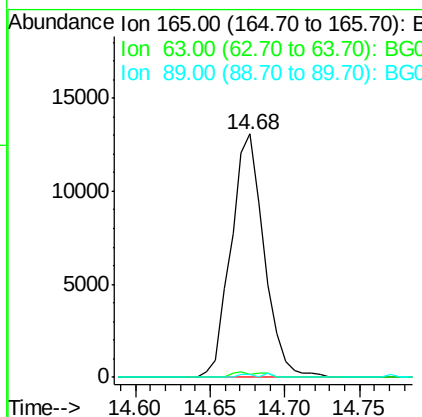
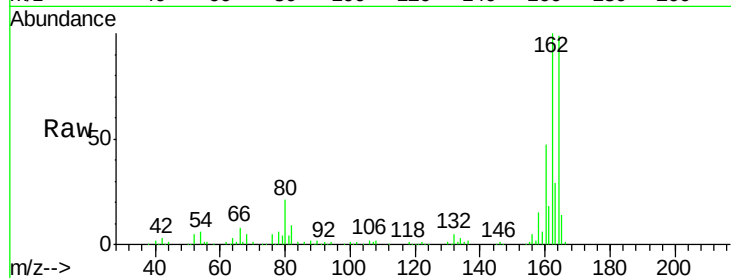




#51
 2,6-Dinitrotoluene
 Concen: 7.281 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.39 min
 Lab File: BG040449.D
 Acq: 11 Apr 2019 20:09

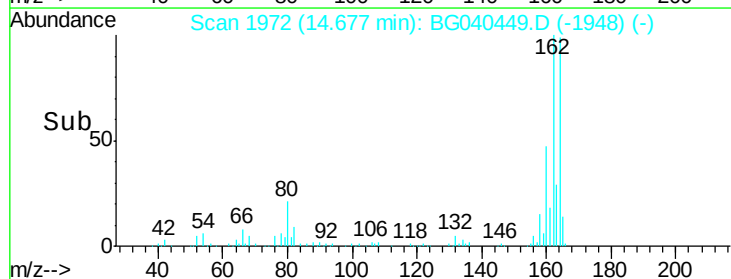
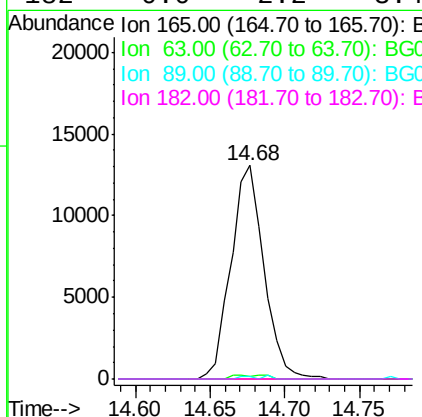
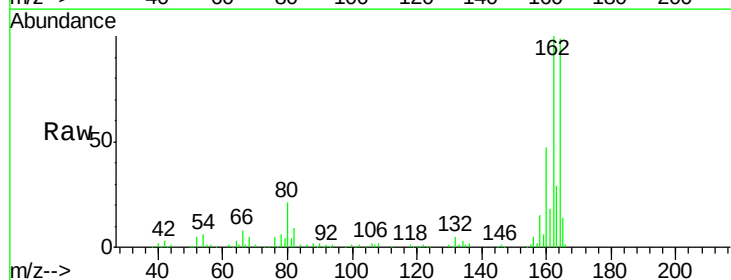
Instrument :
 BNA_G
 ClientSampleId :

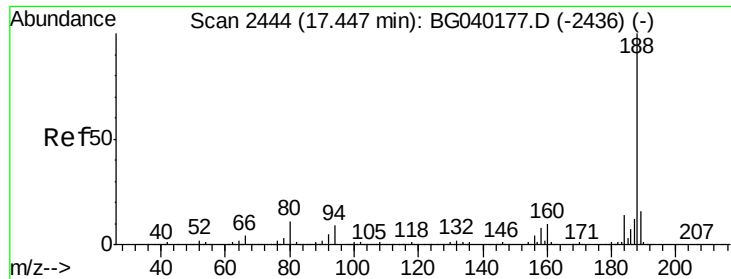
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.1	66.1#
89	1.2	44.9	67.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.240 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040449.D
 Acq: 11 Apr 2019 20:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.6#
89	1.2	55.4	83.2#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampleId :

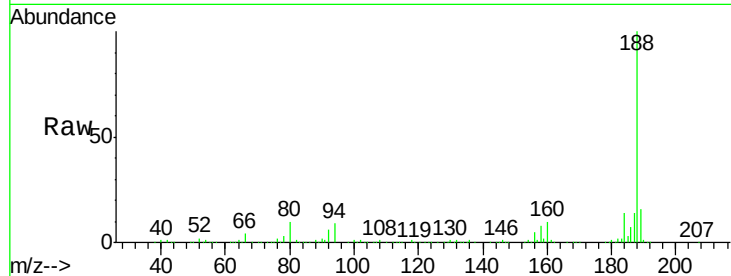
Tot Ion:188 Resp: 377828

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

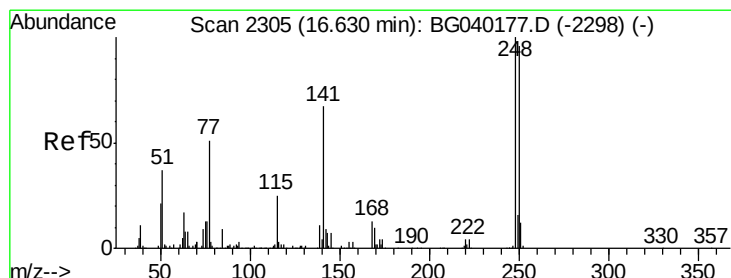
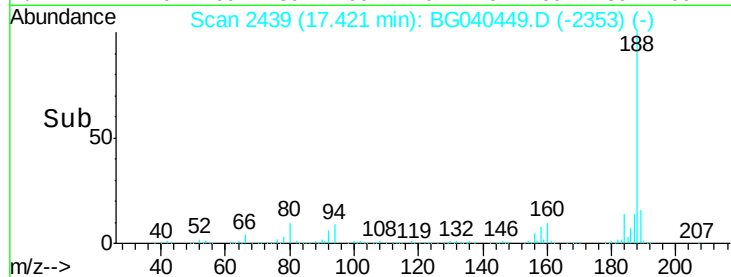
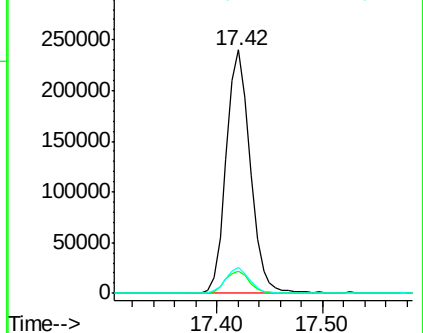
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 4.487 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.47 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

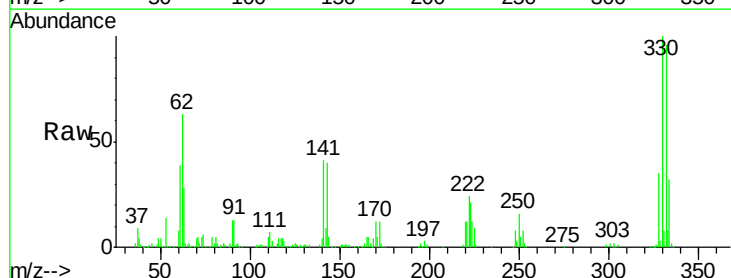
Tgt Ion:248 Resp: 19079

Ion Ratio Lower Upper

248 100

250 204.3 76.4 114.6#

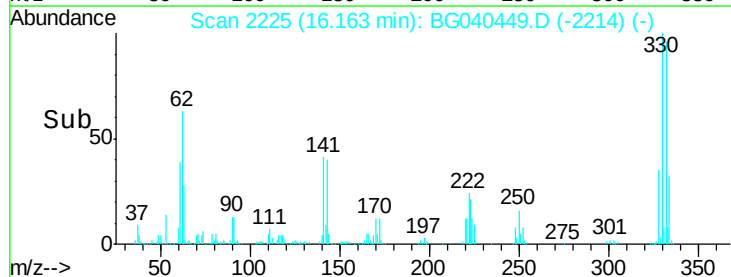
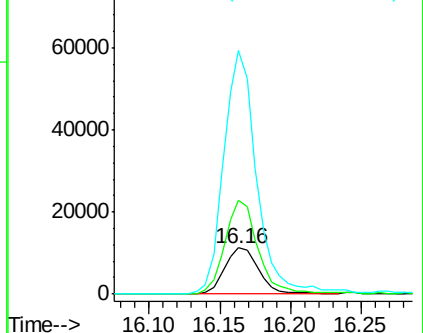
141 529.7 53.8 80.8#

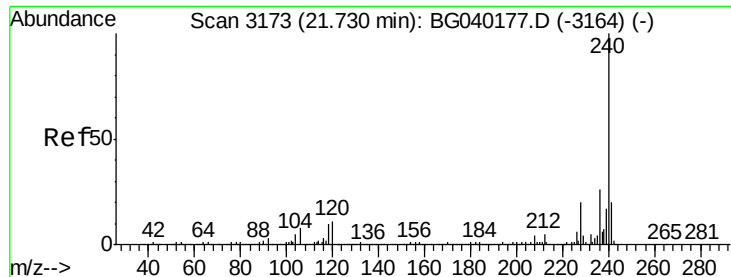


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3166

Delta R.T. -0.04 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampleId :

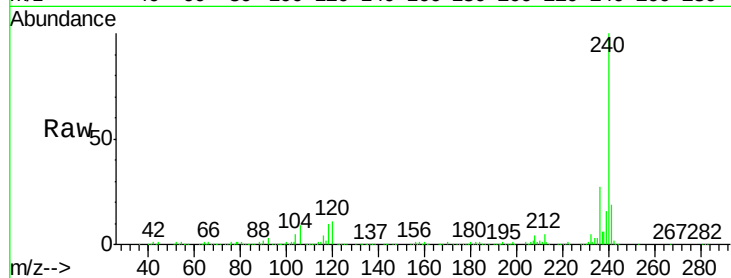
Tot Ion:240 Resp: 382793

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

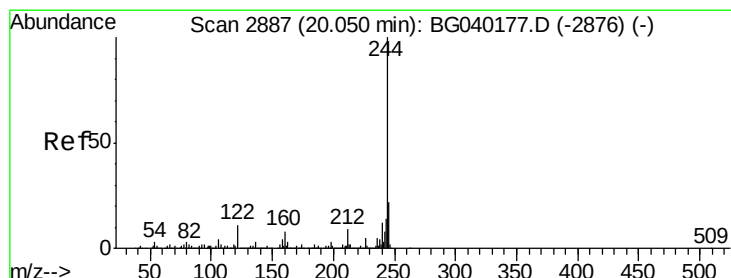
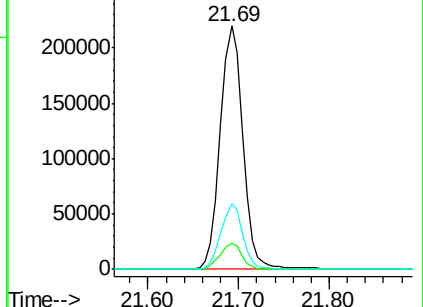
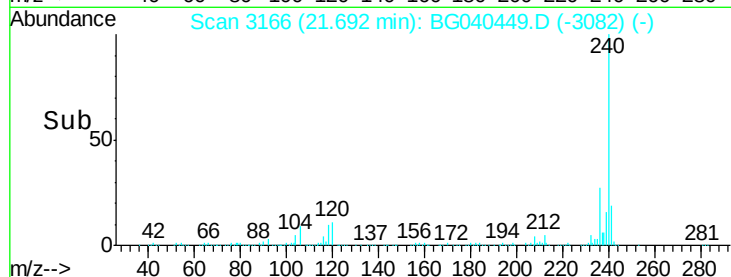
236 27.1 20.8 31.2



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: 88.113 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

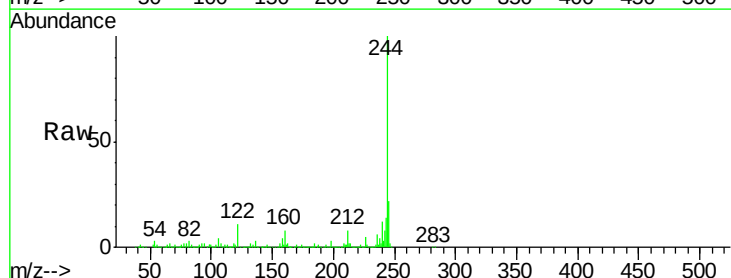
Tgt Ion:244 Resp: 1499296

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

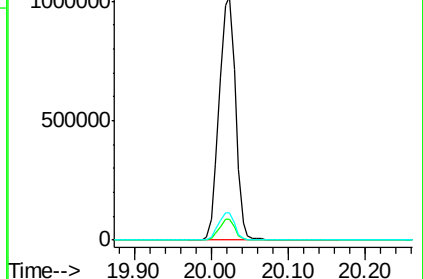
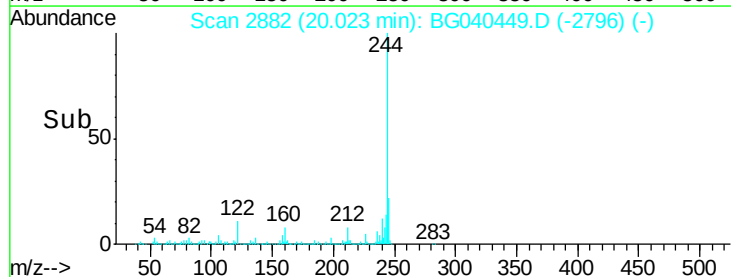
122 11.4 8.5 12.7

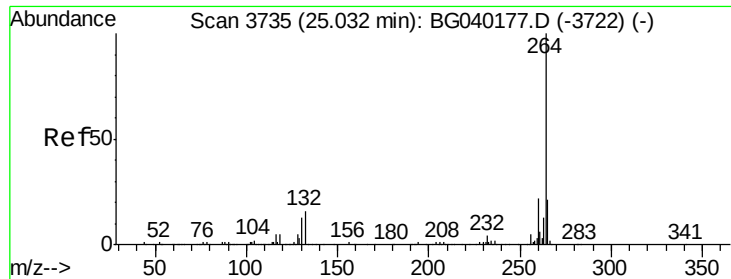


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.8	16.8	25.2

