

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040368.D
 Acq On : 4 Apr 2019 20:38
 Operator : JU/SJ
 Sample : PB118610BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:21:19 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

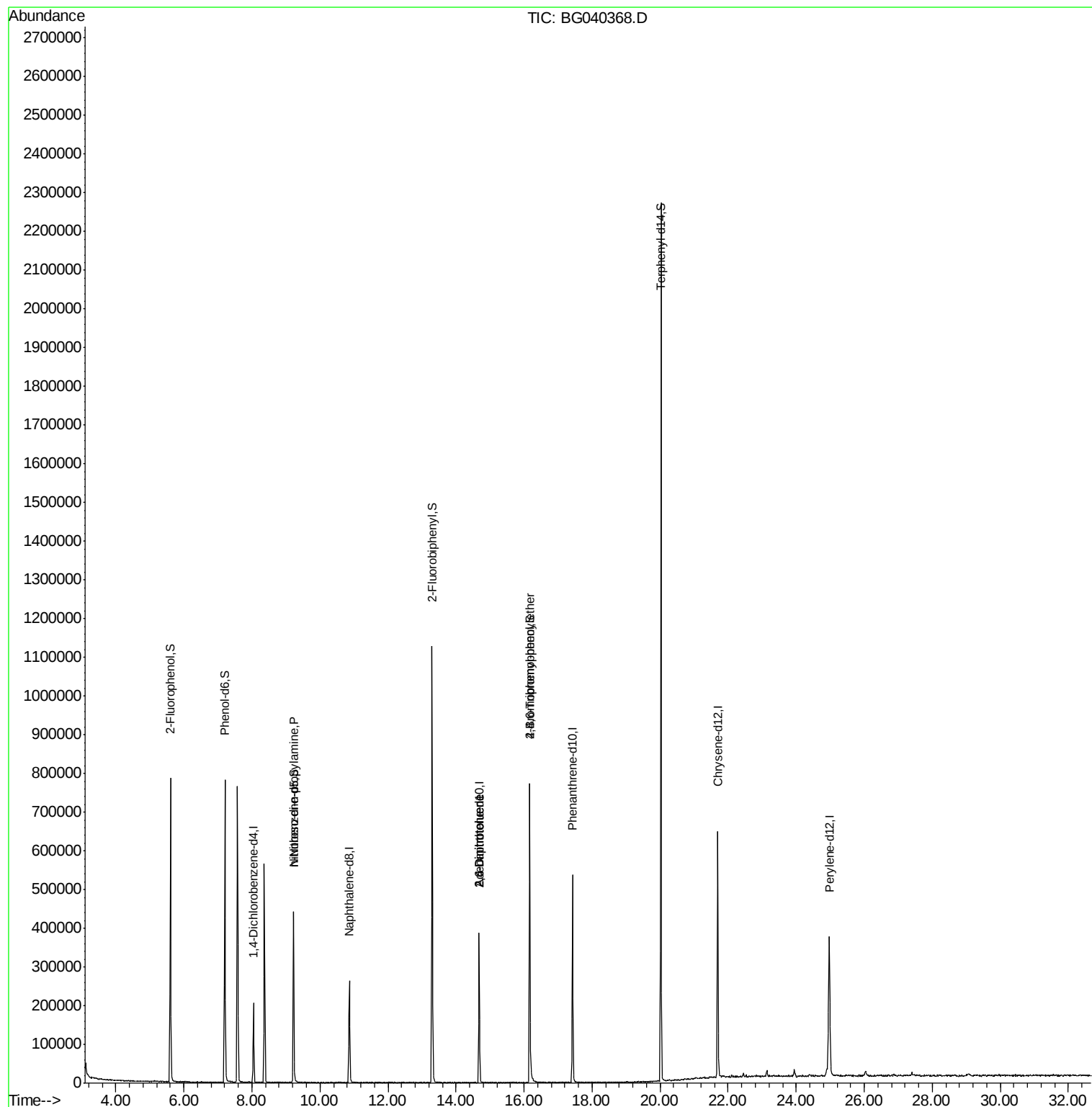
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60502	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	236979	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	144228	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	354510	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	407996	20.00	ng	-0.03
87) Perylene-d12	24.97	264	406285	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	349784	96.11	ng	-0.02
7) Phenol-d6	7.20	99	483986	96.23	ng	-0.02
23) Nitrobenzene-d5	9.22	82	277317	62.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	156913	100.67	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	651289	66.91	ng	-0.03
79) Terphenyl-d14	20.02	244	1083949	59.77	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	34407	9.541	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	18800	7.418	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	18800	5.338	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	11680	2.928	ng	# 1

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

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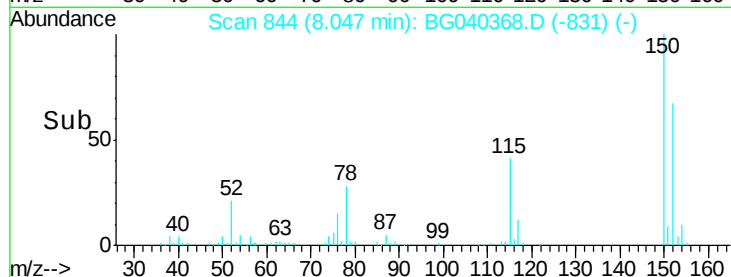
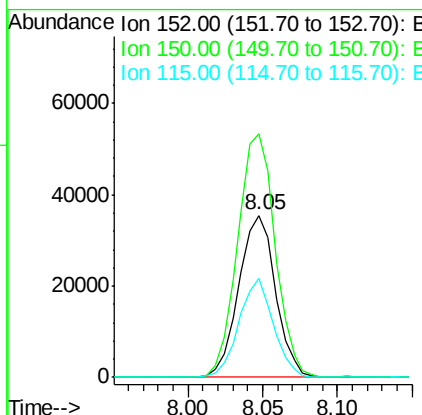
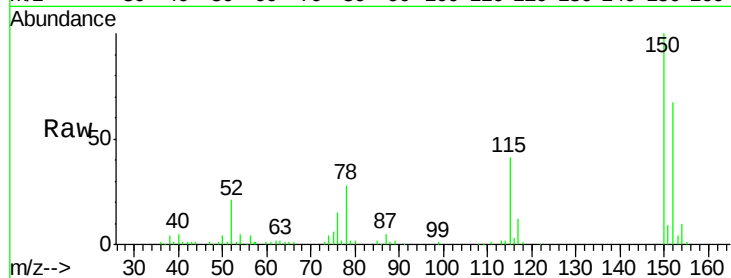


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Instrument :
BNA_G
ClientSampleId :

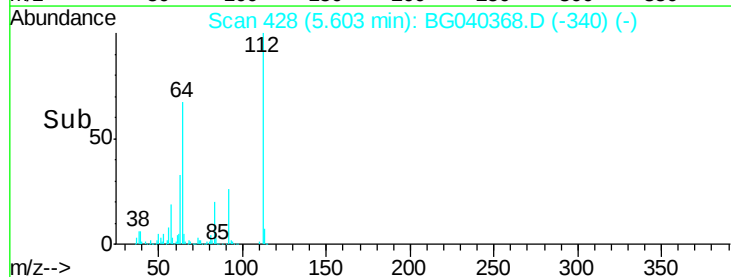
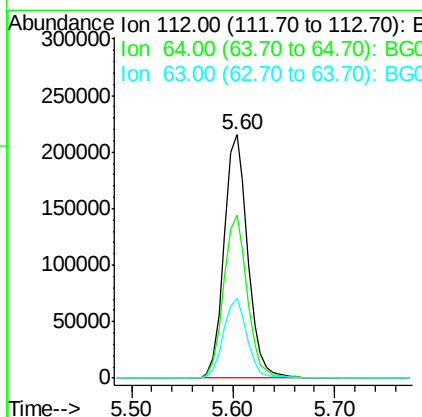
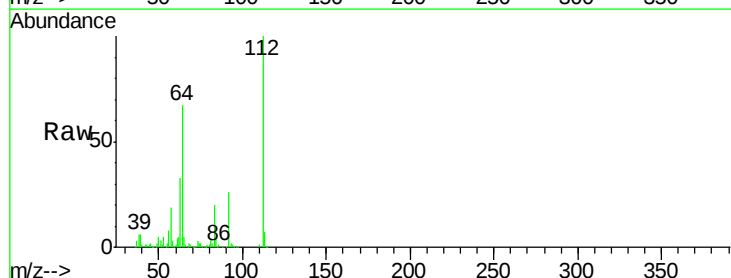
Tot Ion:152 Resp: 60502
Ion Ratio Lower Upper
152 100
150 150.3 123.7 185.5
115 61.1 46.9 70.3



#5

2-Fluorophenol
Concen: 96.110 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Tgt Ion:112 Resp: 349784
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 32.9 26.4 39.6





#7

Phenol-d6

Concen: 96.225 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

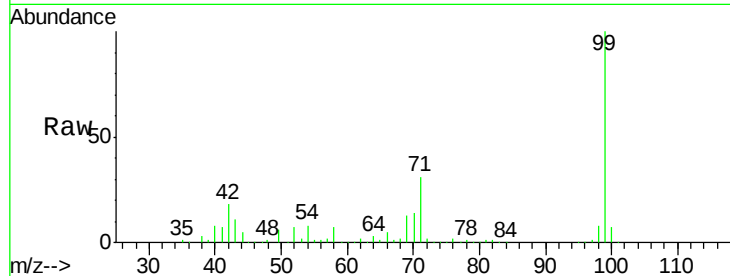
Tot Ion: 99 Resp: 483986

Ion Ratio Lower Upper

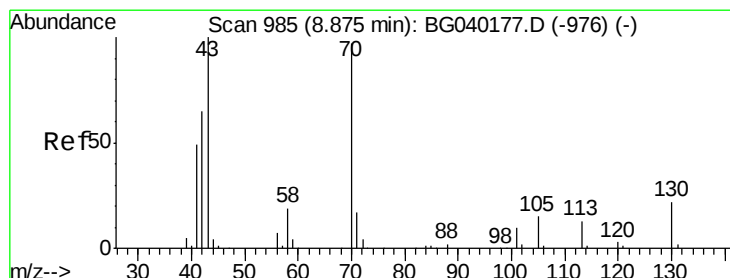
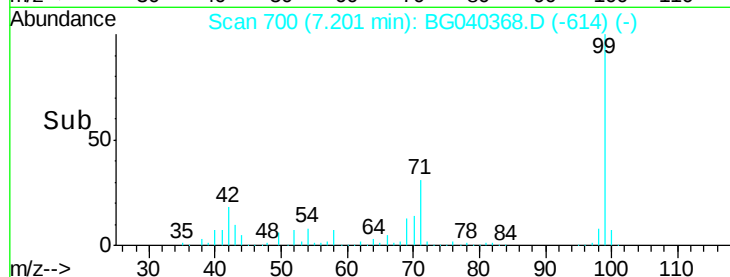
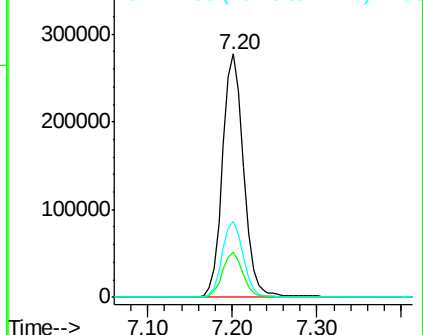
99 100

42 18.4 16.2 24.2

71 31.1 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: 9.541 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Tgt Ion: 70 Resp: 34407

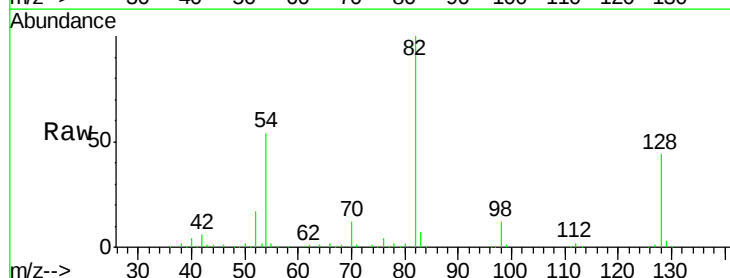
Ion Ratio Lower Upper

70 100

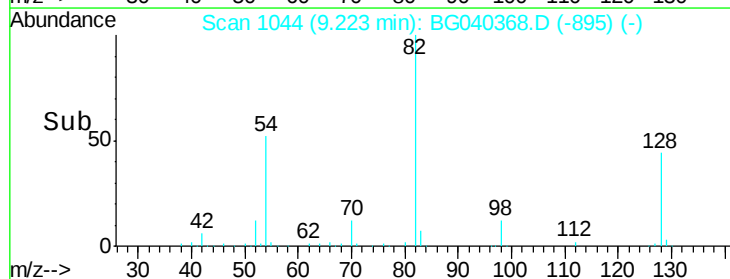
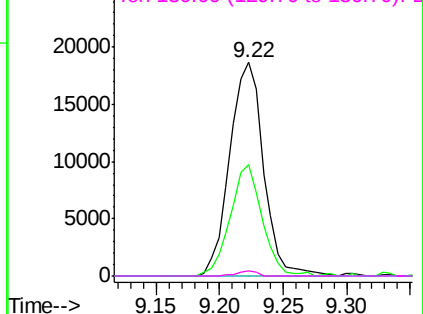
42 52.4 54.0 81.0#

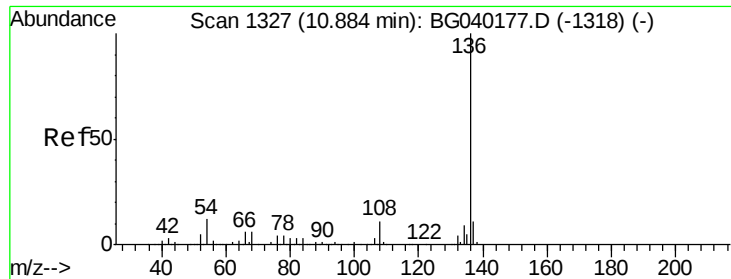
101 0.0 8.6 13.0#

130 2.6 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

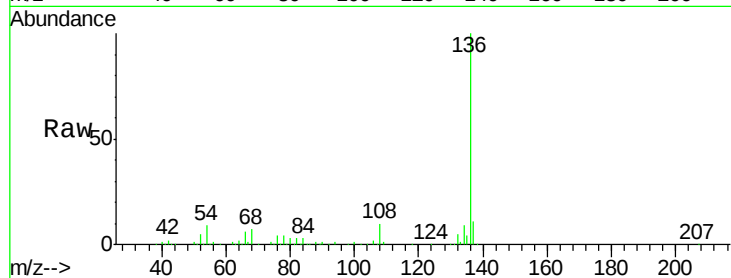




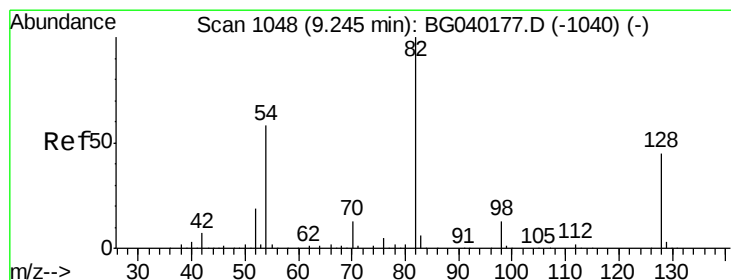
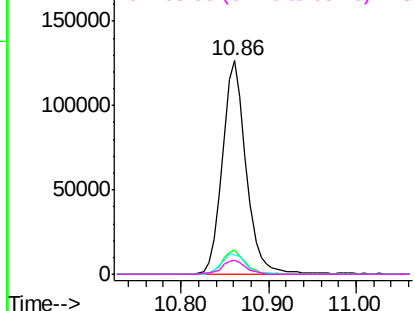
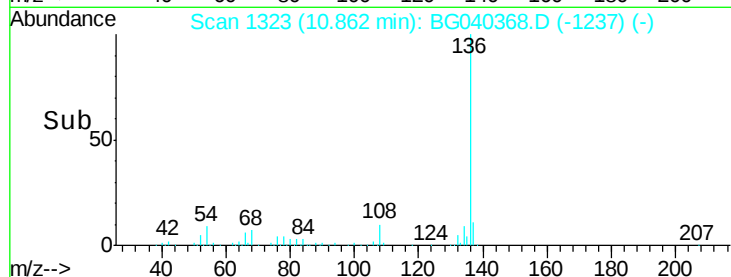
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	236979
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	9.3	9.6 14.4#
68	6.7	5.1 7.7

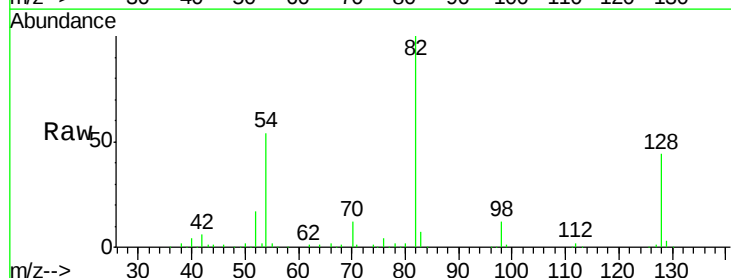


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

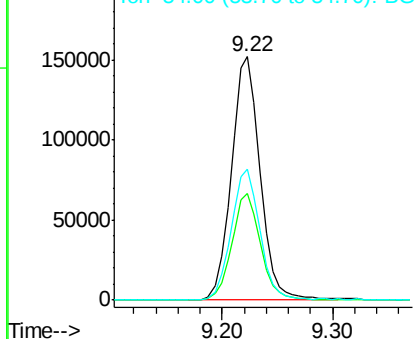
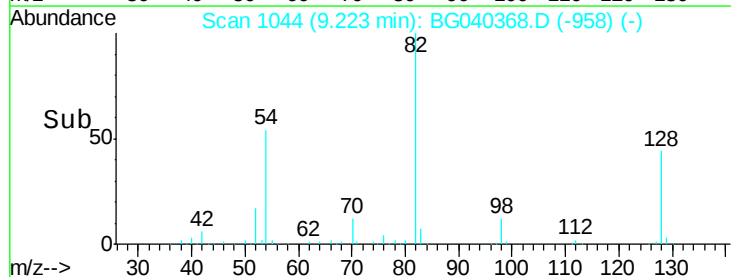


#23
Nitrobenzene-d5
Concen: 62.201 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Tgt Ion: 82	Resp:	277317
Ion	Ratio	Lower Upper
82	100	
128	43.8	35.8 53.8
54	53.6	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

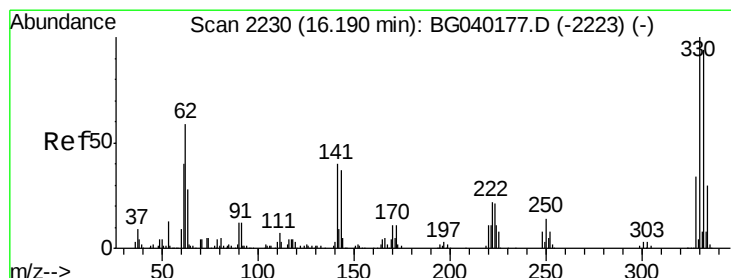
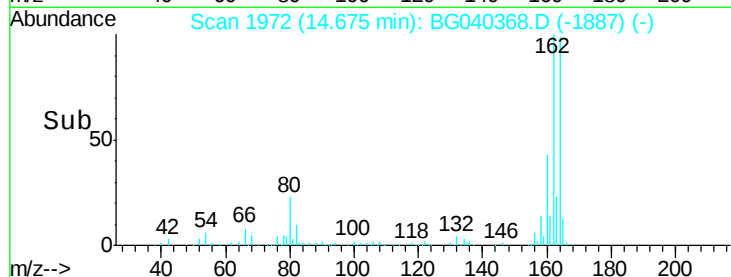
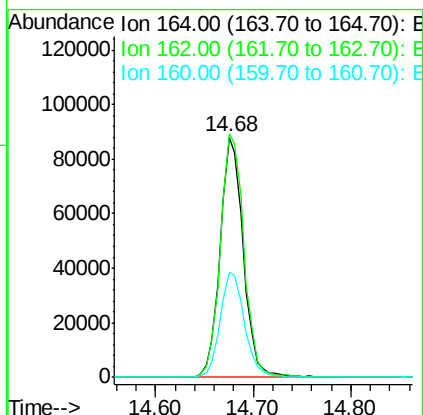
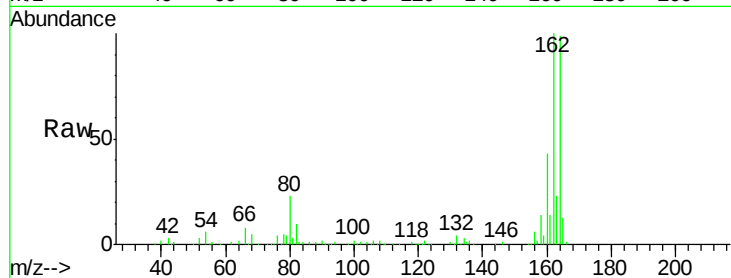




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

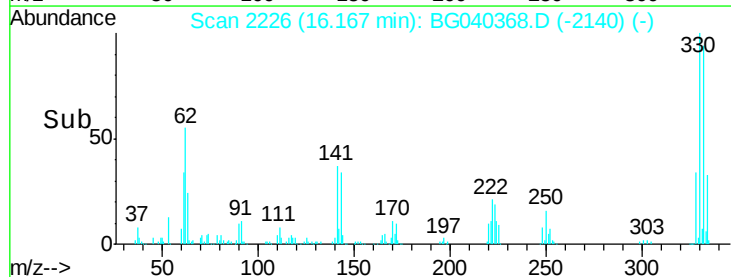
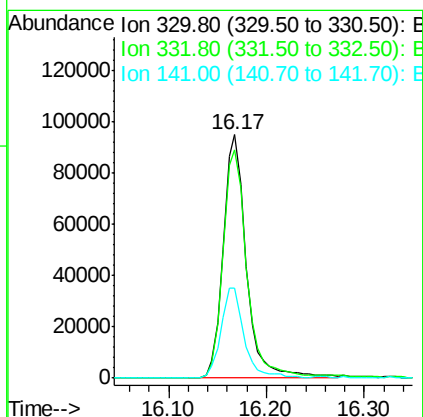
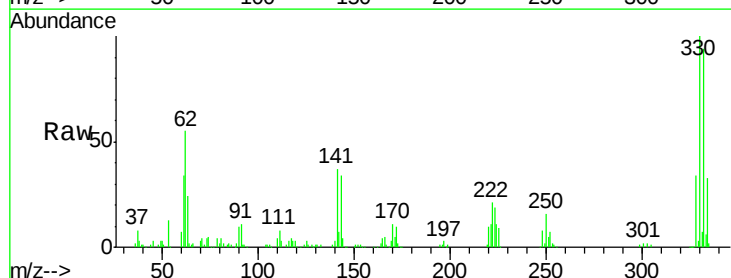
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 144228
Ion Ratio Lower Upper
164 100
162 101.5 77.4 116.2
160 43.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 100.667 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Tgt Ion:330 Resp: 156913
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 37.2 32.6 48.8





#45

2-Fluorobiphenyl

Concen: 66.912 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

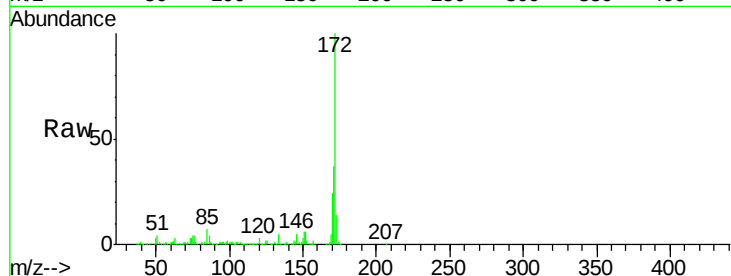
Instrument :

BNA_G

ClientSampled :

Tot Ion:172 Resp: 651289

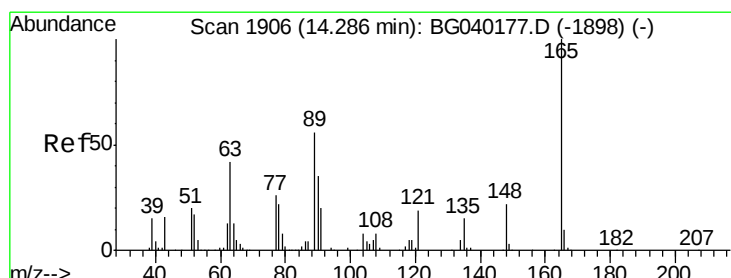
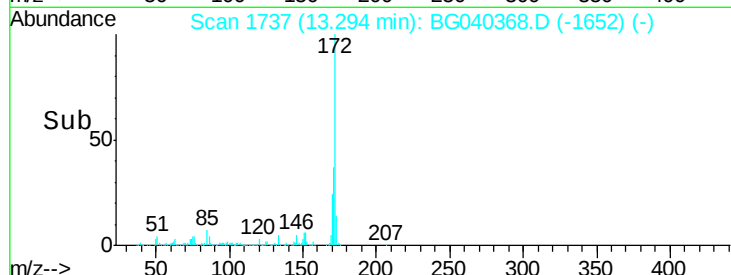
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.0	20.1	30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.418 ng

RT: 14.68 min Scan# 1972

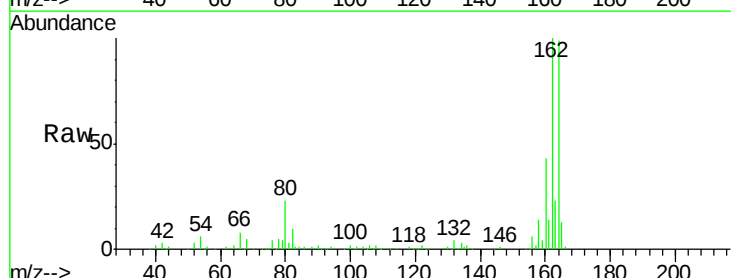
Delta R.T. 0.39 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Tgt Ion:165 Resp: 18800

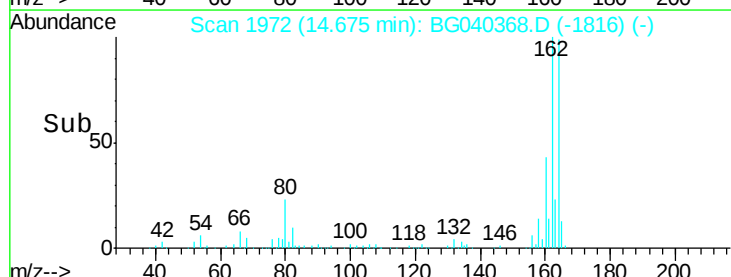
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.9	67.3#



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

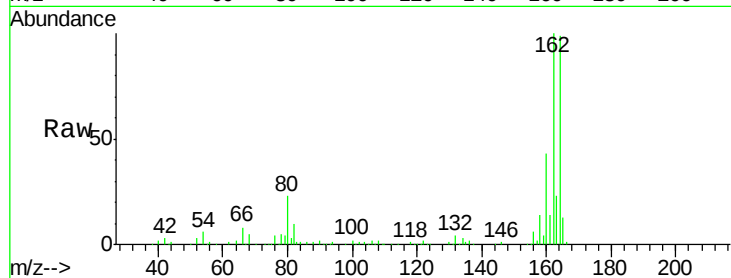




#57
 2,4-Dinitrotoluene
 Concen: 5.338 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040368.D
 Acq: 4 Apr 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

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

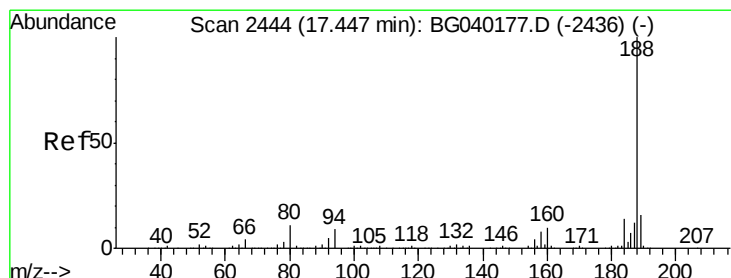
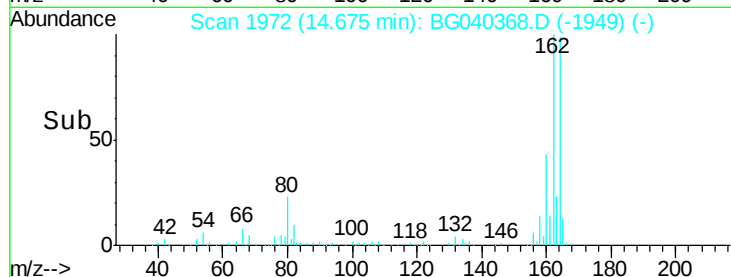
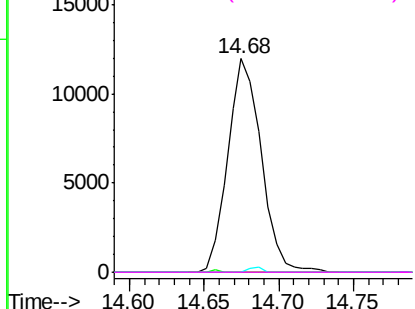


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

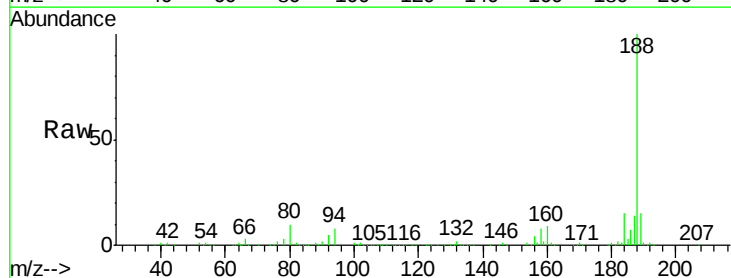
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040368.D
 Acq: 4 Apr 2019 20:38

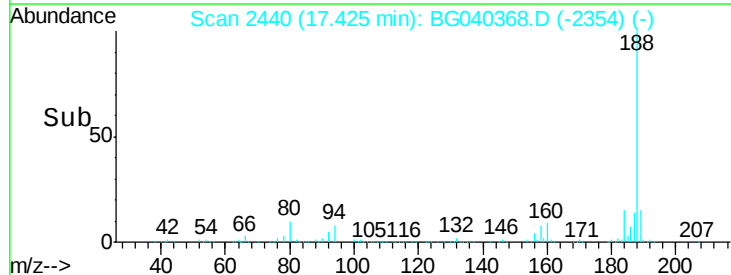
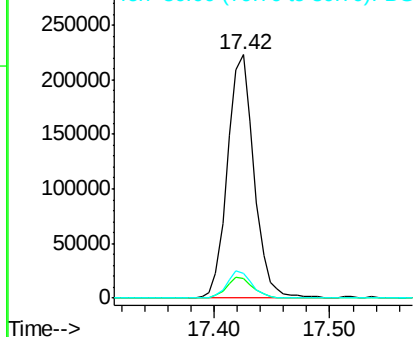
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	10.2	8.6	13.0



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

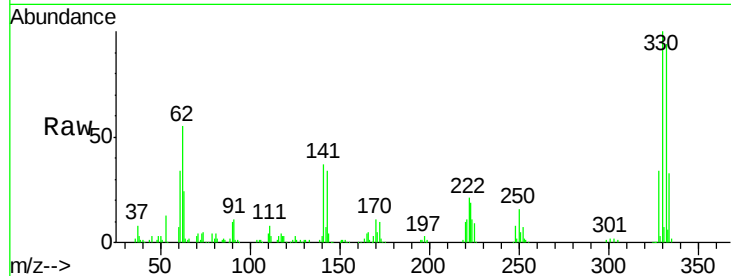




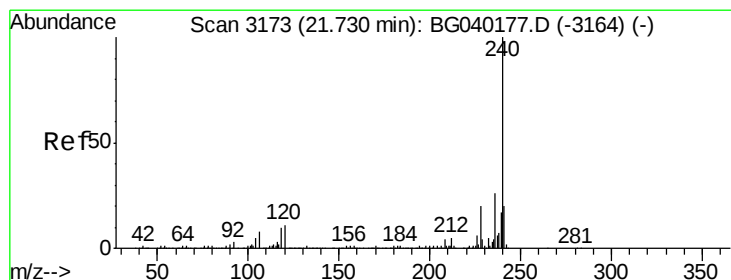
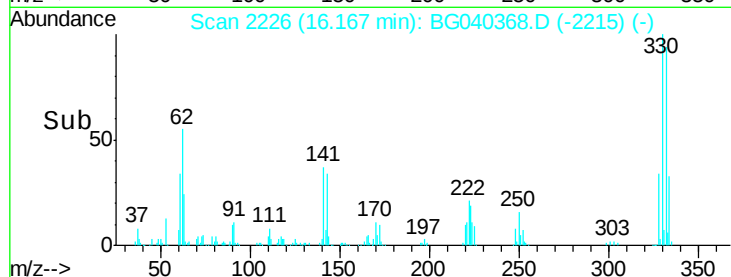
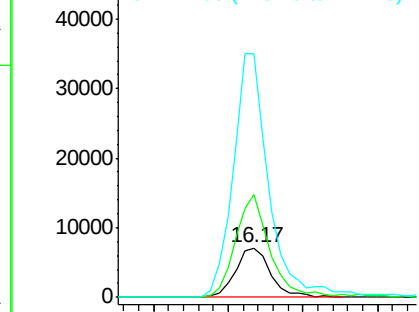
#67
4-Bromophenyl-phenylether
Concen: 2.928 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11680
Ion Ratio Lower Upper
248 100
250 207.3 76.4 114.6#
141 490.2 53.8 80.8#

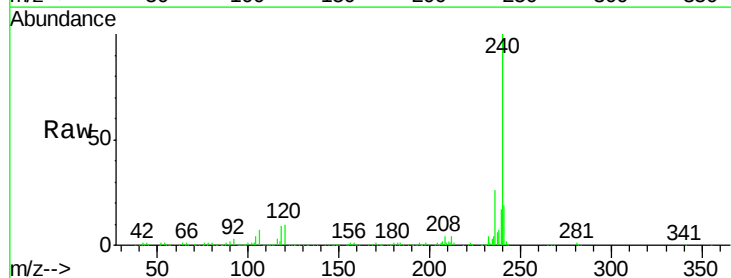


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

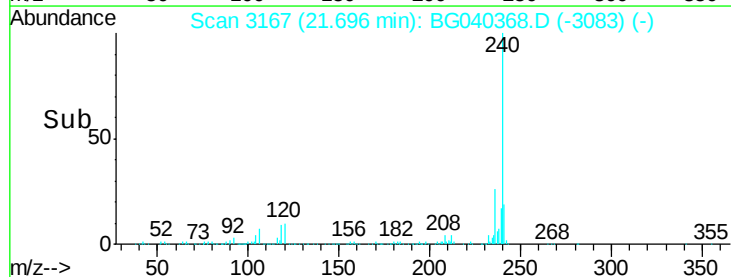
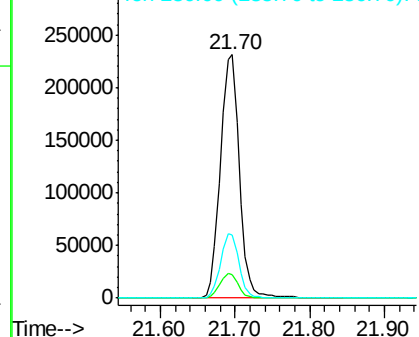


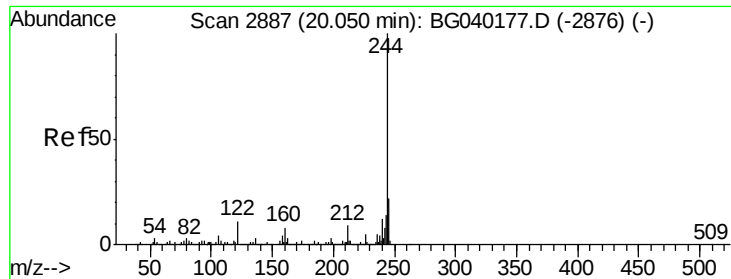
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040368.D
Acq: 4 Apr 2019 20:38

Tgt Ion:240 Resp: 407996
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.1 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: 59.768 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Instrument :

BNA_G

ClientSampled :

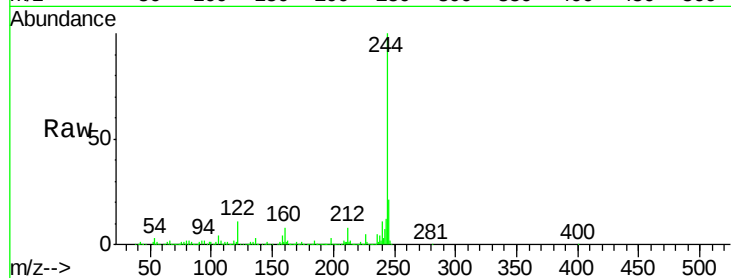
Tot Ion:244 Resp: 1083949

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

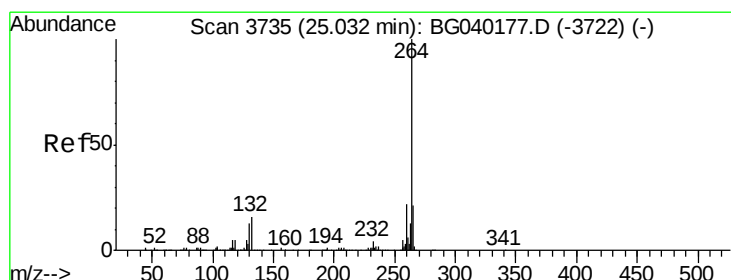
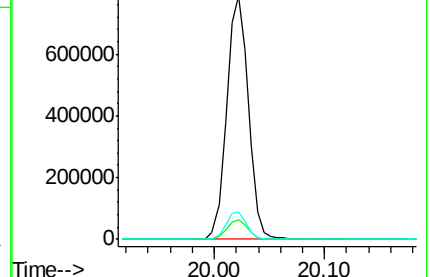
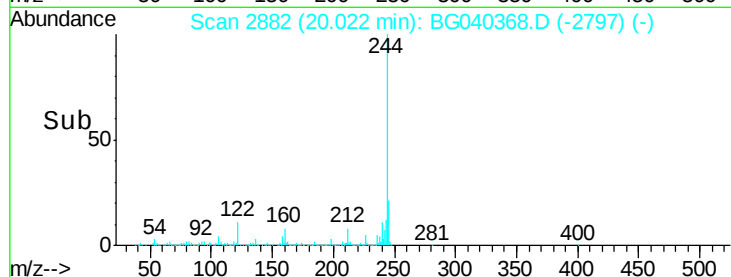
122 11.1 8.5 12.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

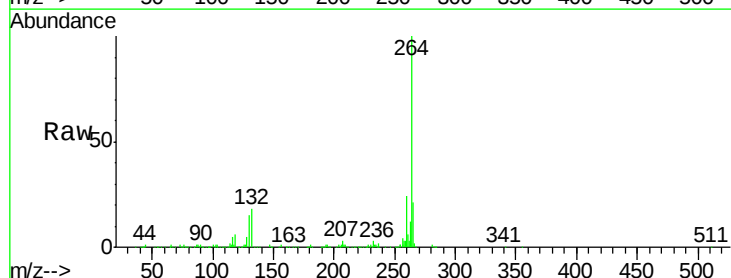
Tgt Ion:264 Resp: 406285

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 21.3 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

