

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040327.D
 Acq On : 3 Apr 2019 15:43
 Operator : JU/SJ
 Sample : K2011-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:22:57 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

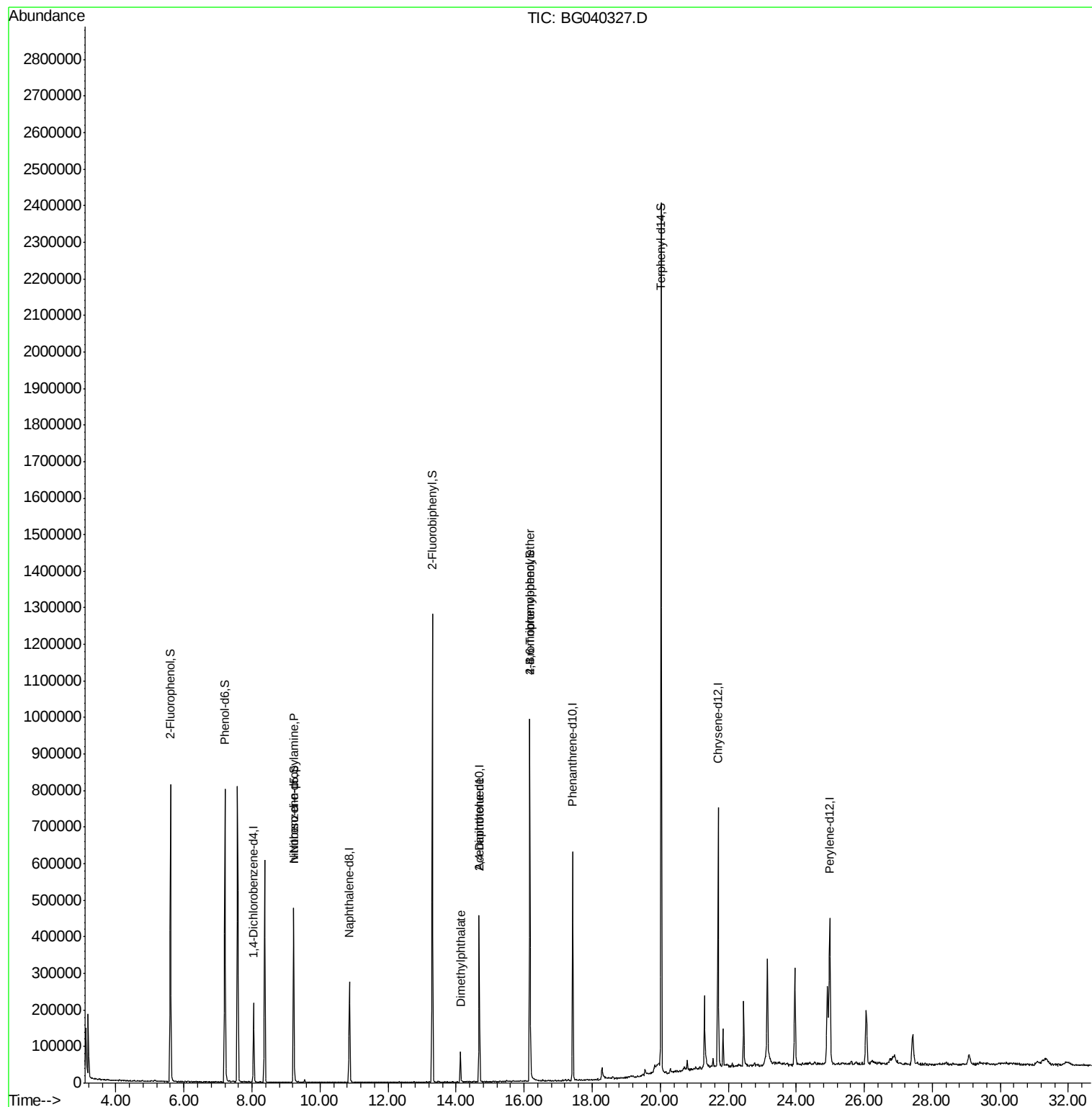
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63262	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	249084	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	157170	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	390114	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	435664	20.00	ng	-0.03
87) Perylene-d12	24.99	264	424499	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	366471	96.30	ng	-0.02
7) Phenol-d6	7.20	99	504642	95.95	ng	-0.02
23) Nitrobenzene-d5	9.22	82	294462	62.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	192484	113.32	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	689505	65.00	ng	-0.02
79) Terphenyl-d14	20.03	244	1109889	57.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	36464	9.670	ng	# 72
50) Dimethylphthalate	14.13	163	59578	4.843	ng	# 93
57) 2,4-Dinitrotoluene	14.68	165	19988	5.208	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	15404	3.509	ng	# 1

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

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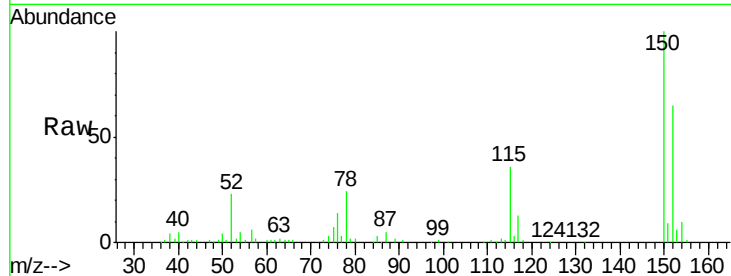


#1

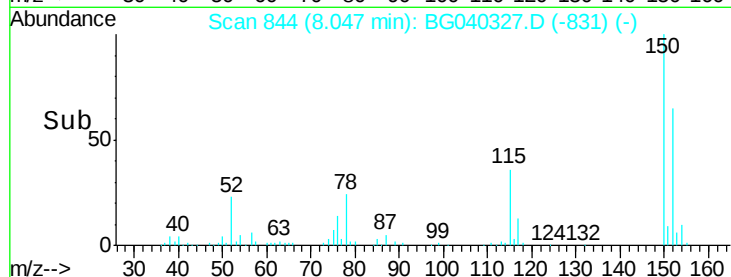
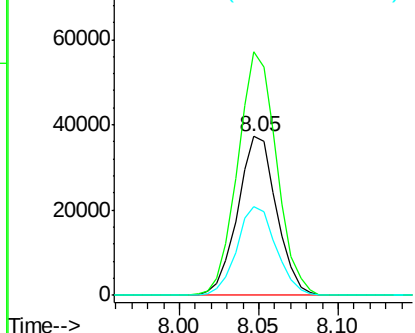
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040327.D
Acq: 3 Apr 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63262
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 55.8 46.9 70.3



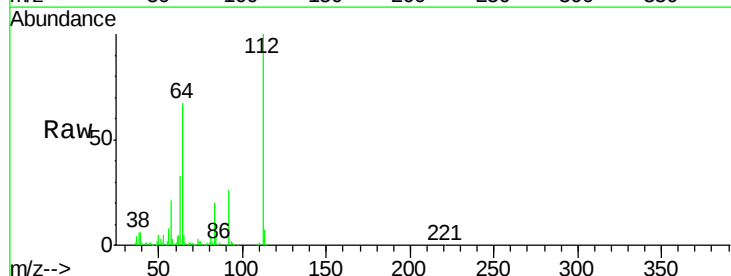
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



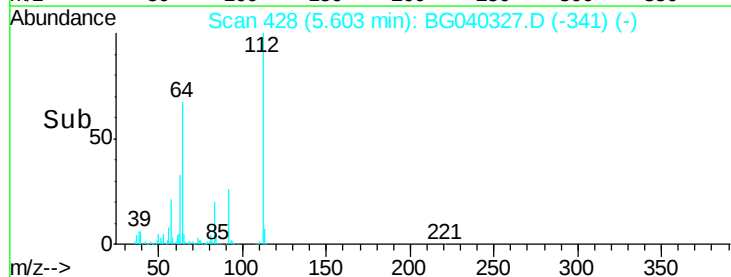
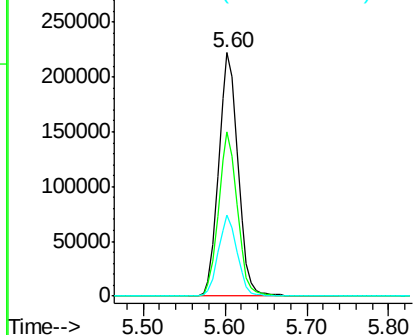
#5

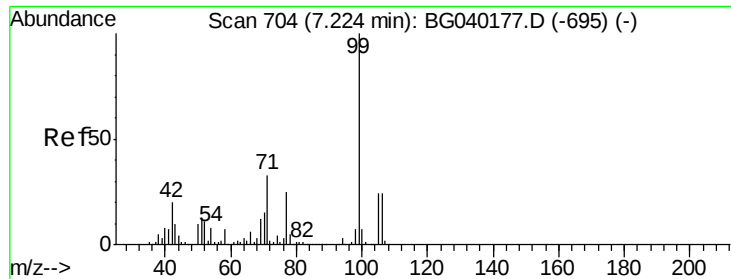
2-Fluorophenol
Concen: 96.302 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040327.D
Acq: 3 Apr 2019 15:43

Tgt Ion:112 Resp: 366471
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.2
63 33.3 26.4 39.6



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: 95.955 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

Instrument :

BNA_G

ClientSampleId :

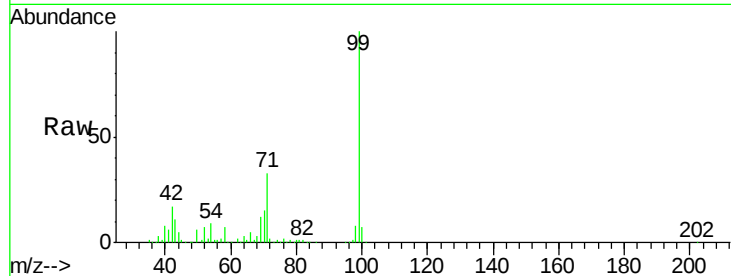
Tot Ion: 99 Resp: 504642

Ion Ratio Lower Upper

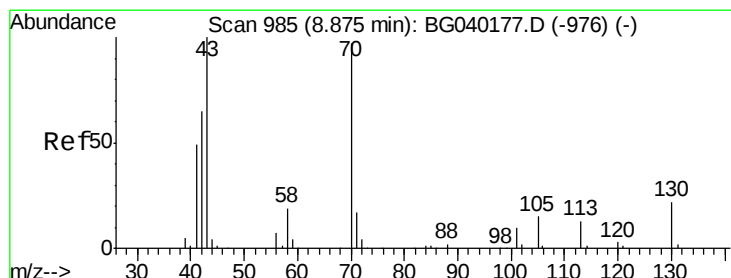
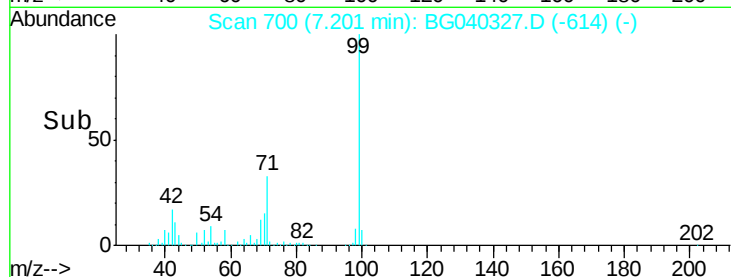
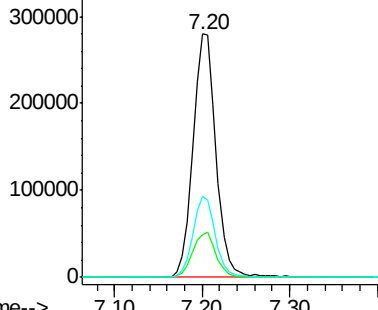
99 100

42 17.3 16.2 24.2

71 33.4 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: 9.670 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

Tgt Ion: 70 Resp: 36464

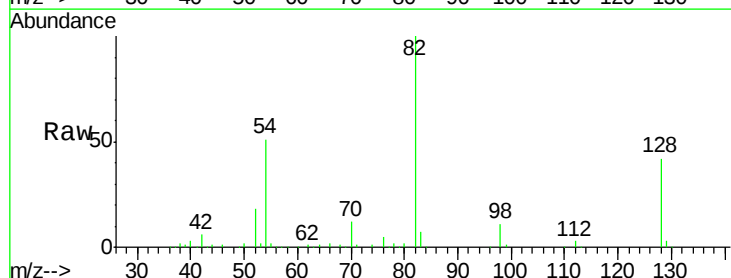
Ion Ratio Lower Upper

70 100

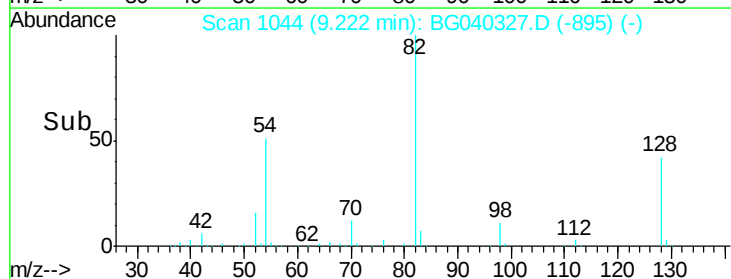
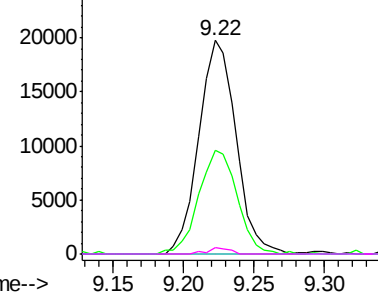
42 48.6 54.0 81.0#

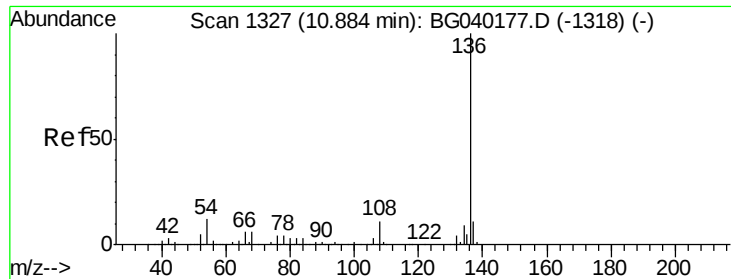
101 0.0 8.6 13.0#

130 3.0 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: BG040327.D

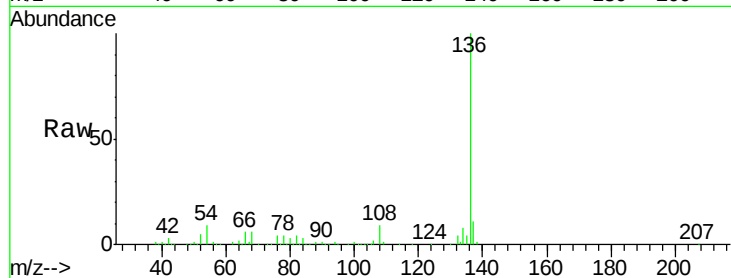
Acq: 3 Apr 2019 15:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	249084
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	9.5	9.6 14.4#
68	6.0	5.1 7.7

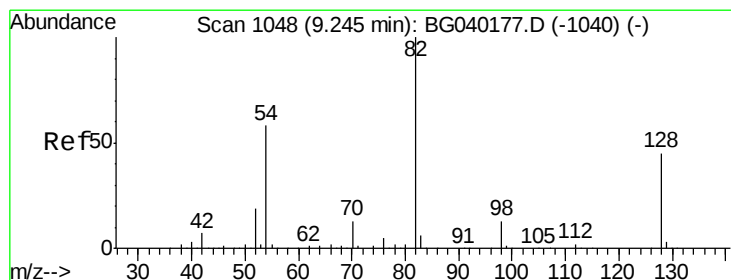
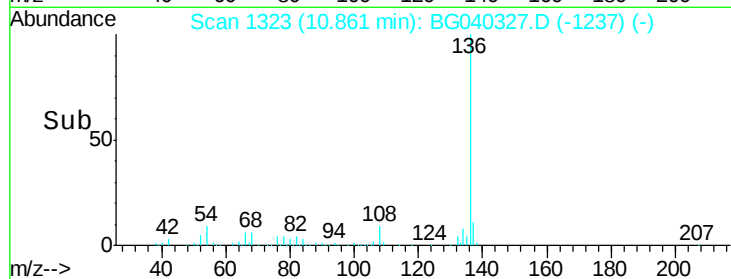
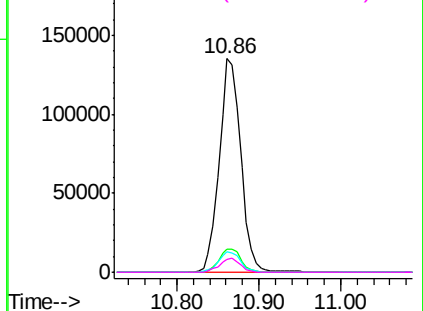


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.837 ng

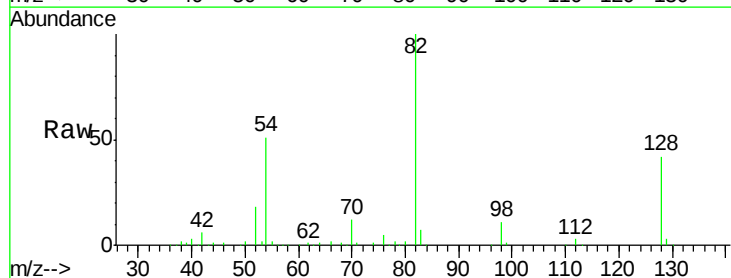
RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

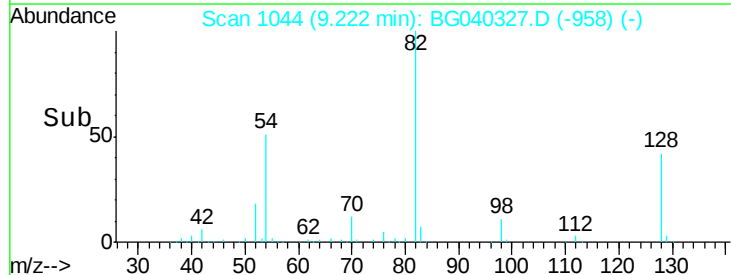
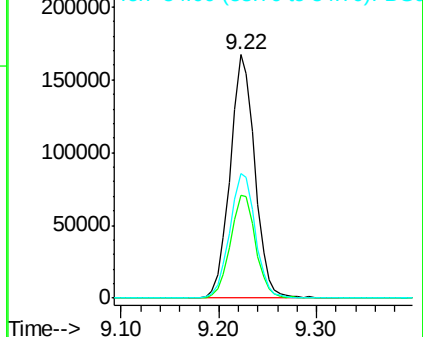
Tgt Ion: 82	Resp:	294462
Ion	Ratio	Lower Upper
82	100	
128	42.2	35.8 53.8
54	51.4	46.2 69.2



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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

Instrument :

BNA_G

ClientSampleId :

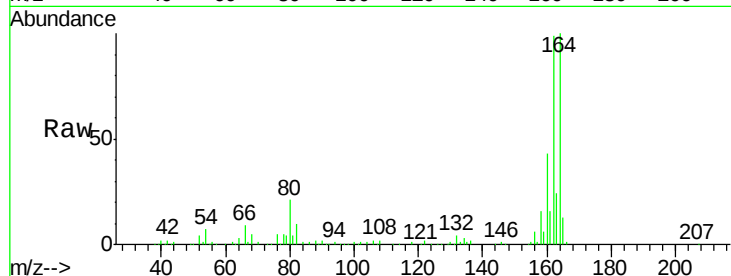
Tot Ion:164 Resp: 157170

Ion Ratio Lower Upper

164 100

162 99.1 77.4 116.2

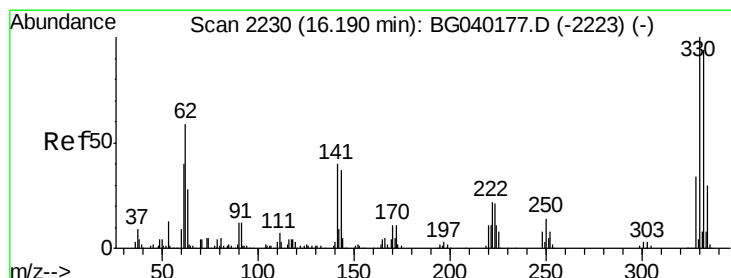
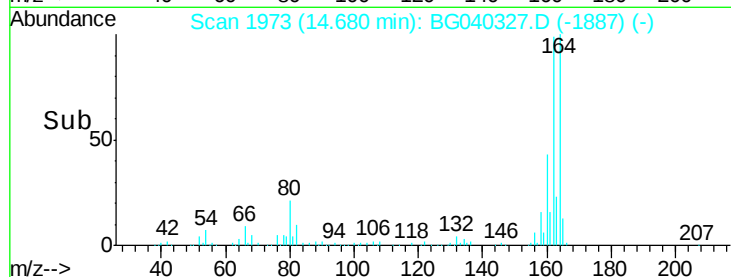
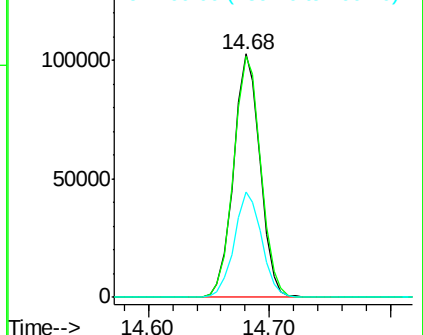
160 43.3 35.3 52.9



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: 113.319 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

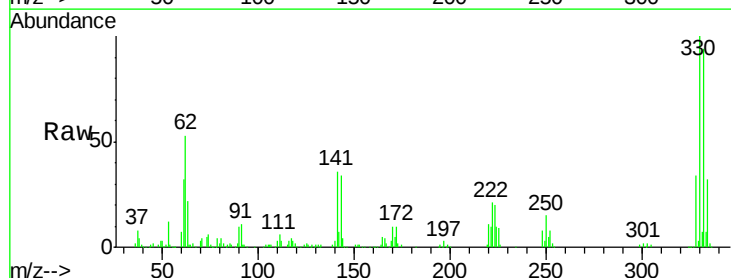
Tgt Ion:330 Resp: 192484

Ion Ratio Lower Upper

330 100

332 98.9 76.6 115.0

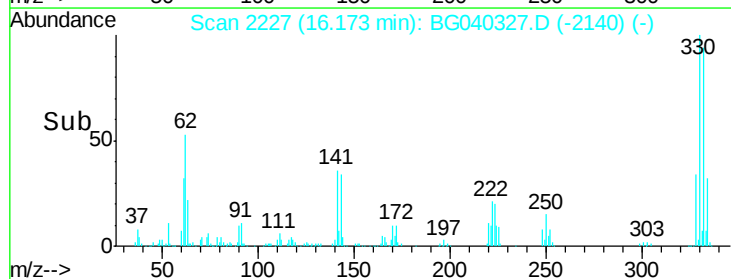
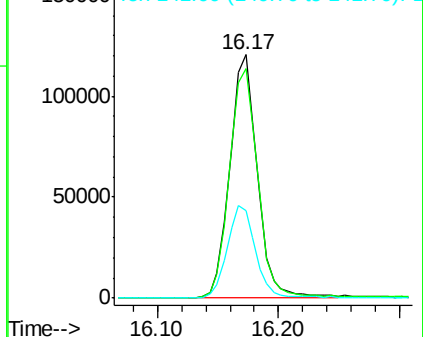
141 38.8 32.6 48.8



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

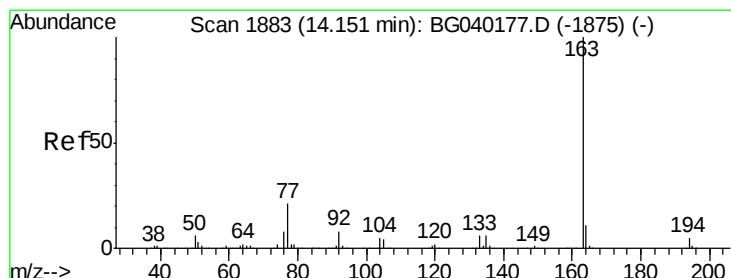
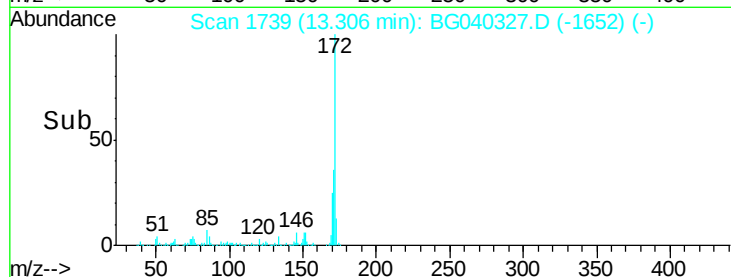
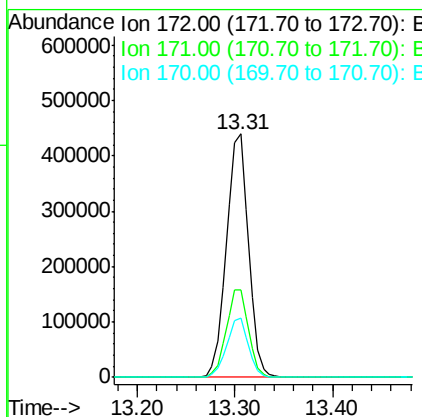
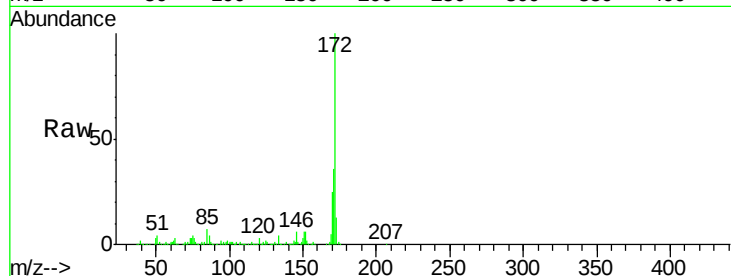




#45
2-Fluorobiphenyl
Concen: 65.005 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040327.D
Acq: 3 Apr 2019 15:43

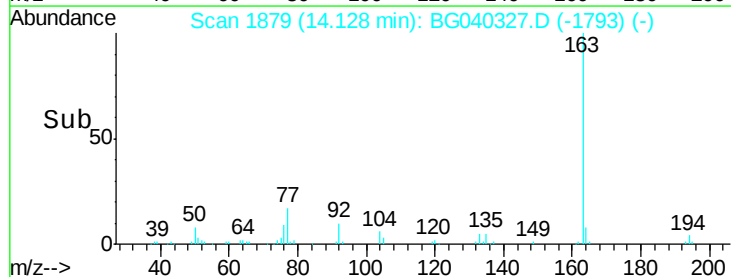
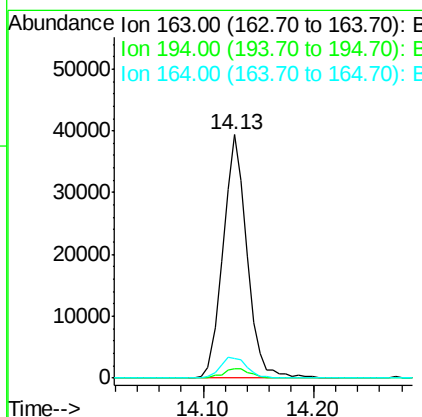
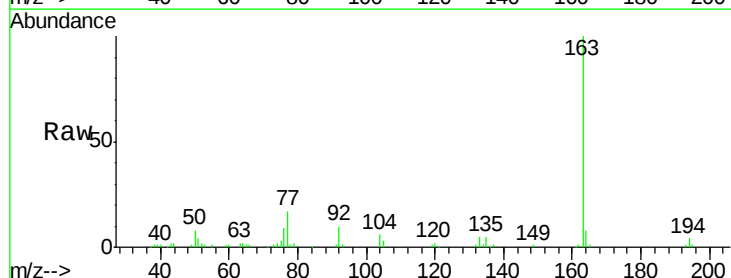
Instrument :
BNA_G
ClientSampleId :

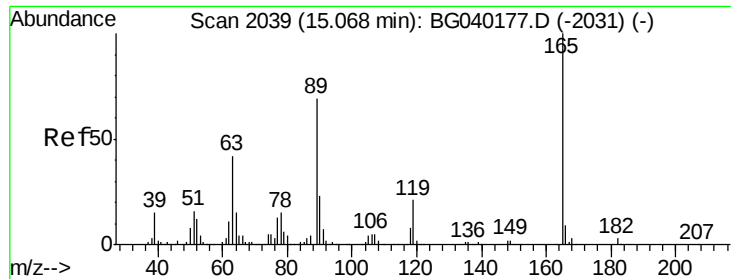
Tot Ion:172 Resp: 689505
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 24.6 20.1 30.1



#50
Dimethylphthalate
Concen: 4.843 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040327.D
Acq: 3 Apr 2019 15:43

Tgt Ion:163 Resp: 59578
Ion Ratio Lower Upper
163 100
194 3.9 4.1 6.1#
164 7.8 8.6 13.0#

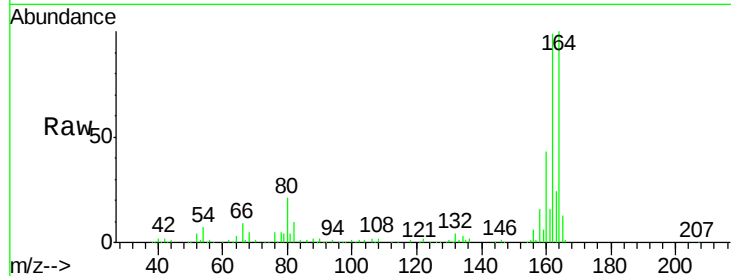




#57
 2,4-Dinitrotoluene
 Concen: 5.208 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040327.D
 Acq: 3 Apr 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.8	50.6#
89	1.7	55.4	83.2#
182	0.0	2.2	3.4#

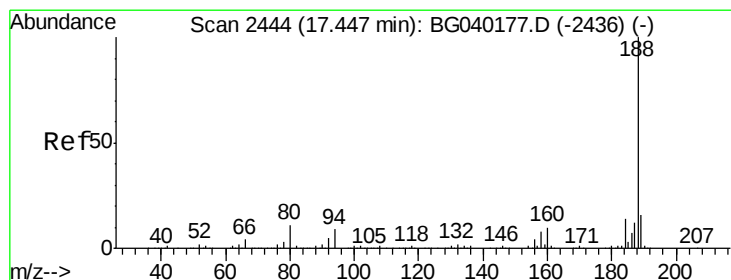
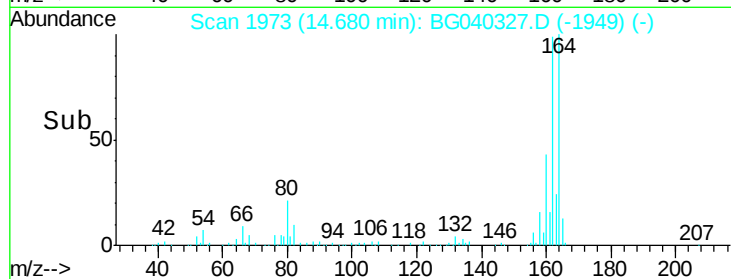
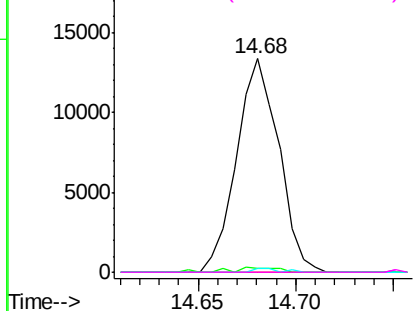


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

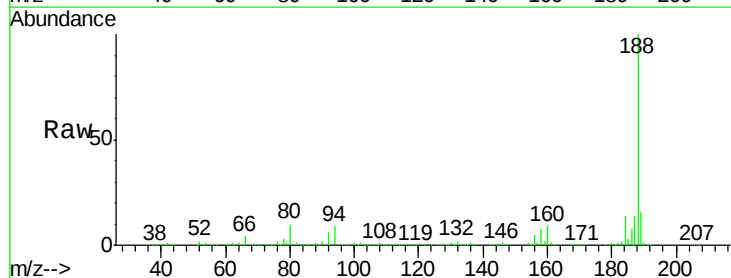
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040327.D
 Acq: 3 Apr 2019 15:43

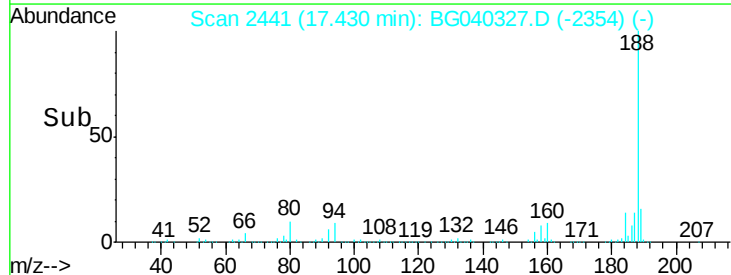
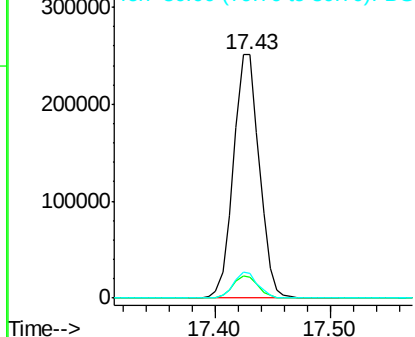
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.2	8.6	13.0



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

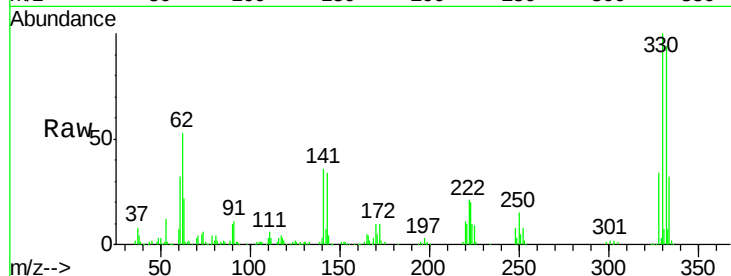




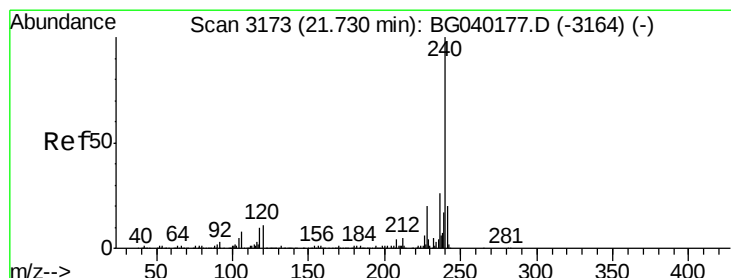
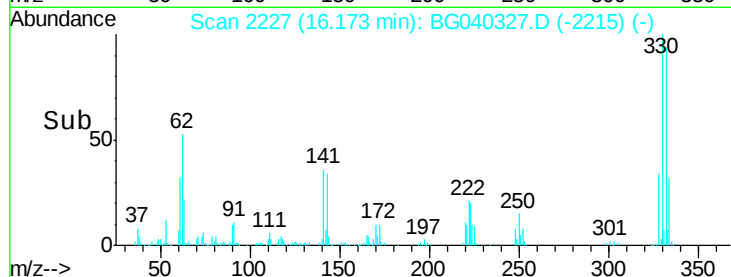
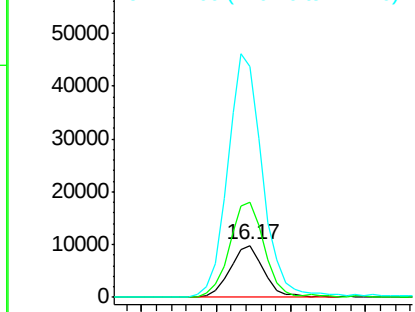
#67
 4-Bromophenyl-phenylether
 Concen: 3.509 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040327.D
 Acq: 3 Apr 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15404
 Ion Ratio Lower Upper
 248 100
 250 184.3 76.4 114.6#
 141 443.7 53.8 80.8#

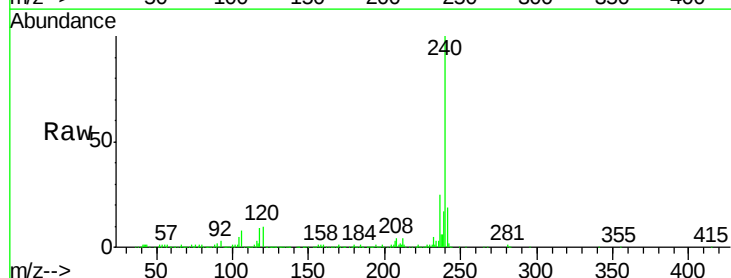


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

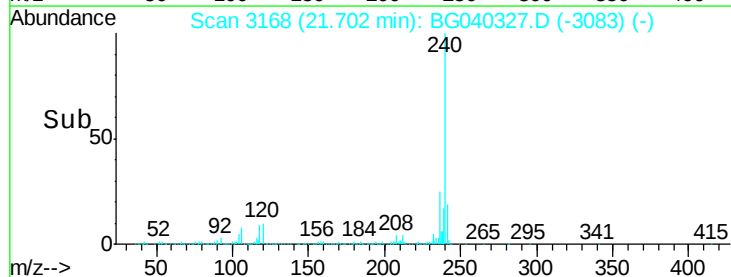
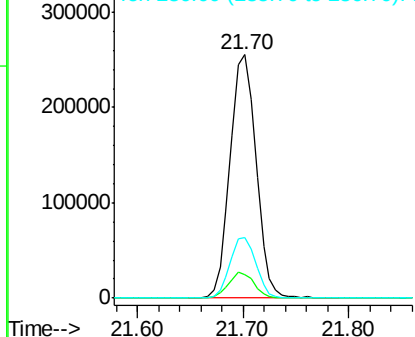


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.03 min
 Lab File: BG040327.D
 Acq: 3 Apr 2019 15:43

Tgt Ion:240 Resp: 435664
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 25.1 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: 57.312 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

Instrument :

BNA_G

ClientSampleId :

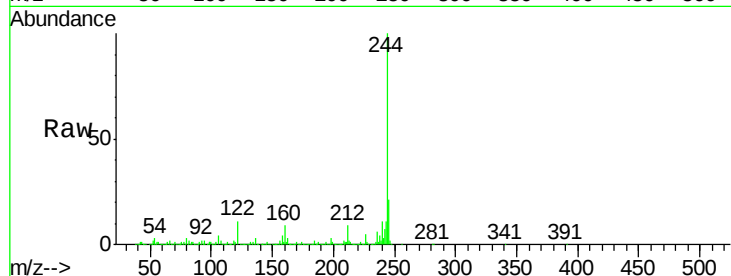
Tot Ion:244 Resp: 1109889

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

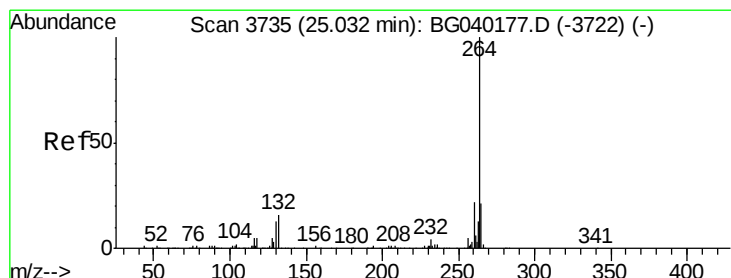
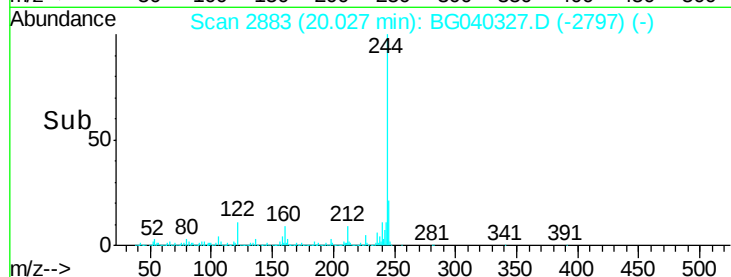
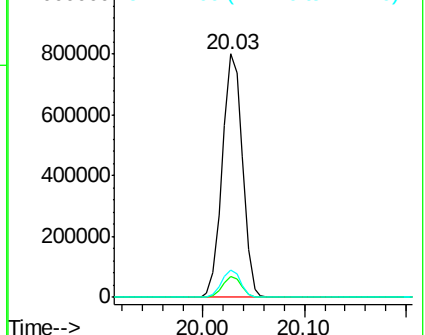
122 11.3 8.5 12.7



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: 24.99 min Scan# 3727

Delta R.T. -0.05 min

Lab File: BG040327.D

Acq: 3 Apr 2019 15:43

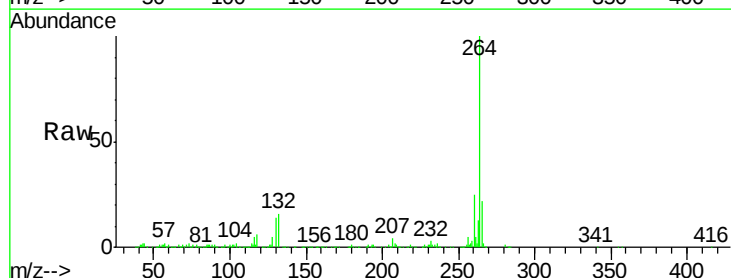
Tgt Ion:264 Resp: 424499

Ion Ratio Lower Upper

264 100

260 24.9 17.9 26.9

265 22.1 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

