

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040201.D
 Acq On : 28 Mar 2019 15:44
 Operator : JU/SJ
 Sample : PB118351BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BL

Quant Time: Mar 29 05:45:29 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

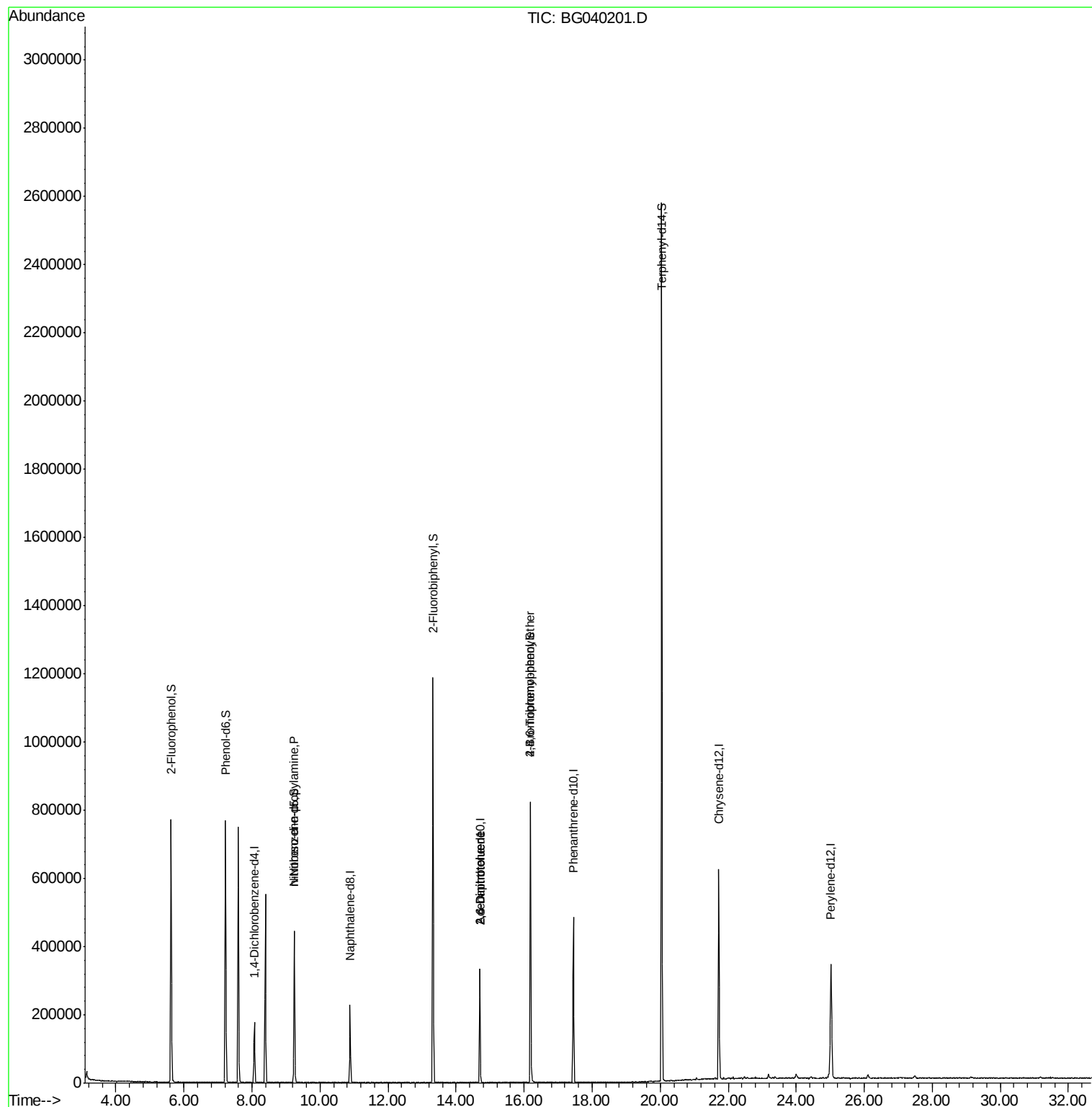
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49988	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	198288	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	118549	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	306051	20.00	ng	0.00
76) Chrysene-d12	21.72	240	371102	20.00	ng	0.00
87) Perylene-d12	25.02	264	372542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	346941	115.38	ng	0.00
7) Phenol-d6	7.22	99	465632	112.05	ng	0.00
23) Nitrobenzene-d5	9.24	82	271901	72.89	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	155063	121.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	628266	78.53	ng	0.00
79) Terphenyl-d14	20.04	244	1176889	71.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	34646	11.628	ng	# 72
51) 2,6-Dinitrotoluene	14.70	165	15301	7.345	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	15301	5.286	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	11570	3.359	ng	# 1

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

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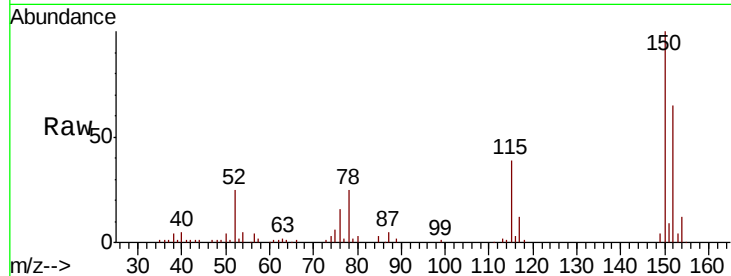


#1

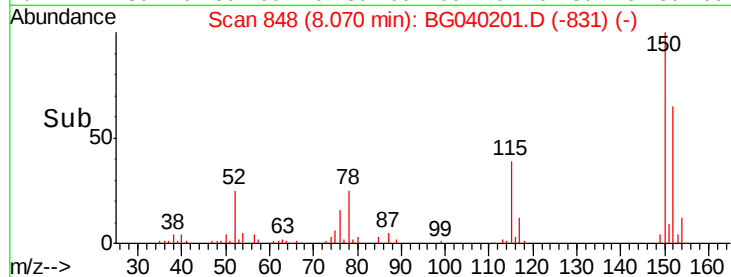
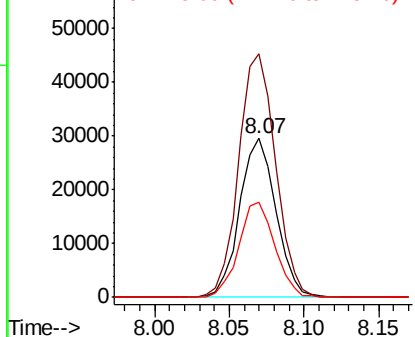
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB118351BL

Tgt Ion:152 Resp: 49988
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 60.0 46.9 70.3



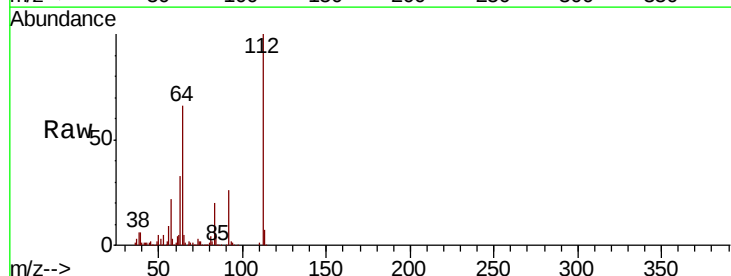
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



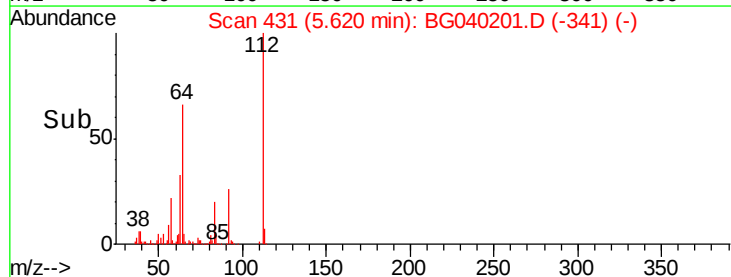
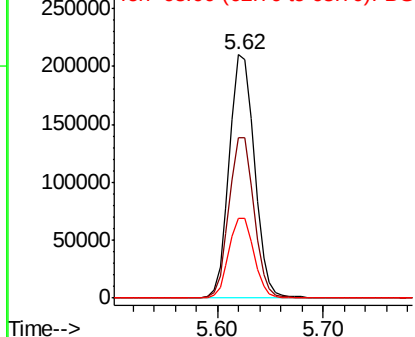
#5

2-Fluorophenol
Concen: 115.379 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Tgt Ion:112 Resp: 346941
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.2
63 32.8 26.4 39.6



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





#7

Phenol-d6

Concen: 112.048 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB118351BL

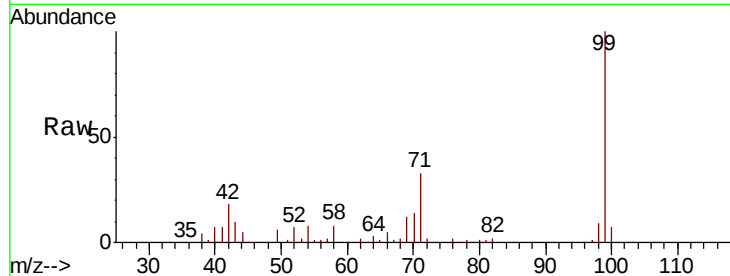
Tgt Ion: 99 Resp: 465632

Ion Ratio Lower Upper

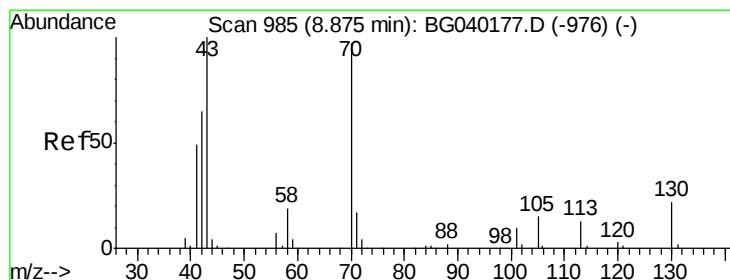
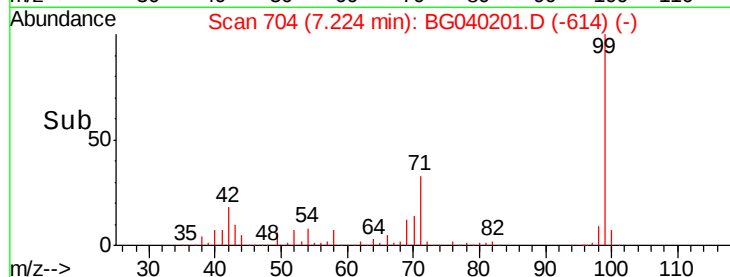
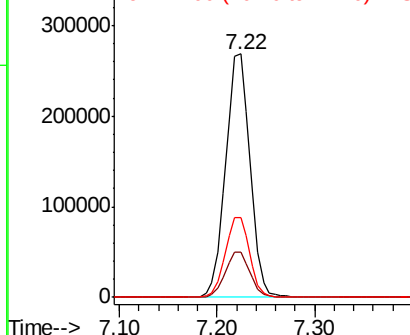
99 100

42 18.5 16.2 24.2

71 32.9 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: 11.628 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.36 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Tgt Ion: 70 Resp: 34646

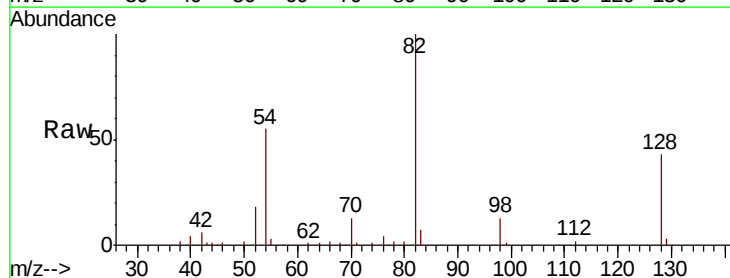
Ion Ratio Lower Upper

70 100

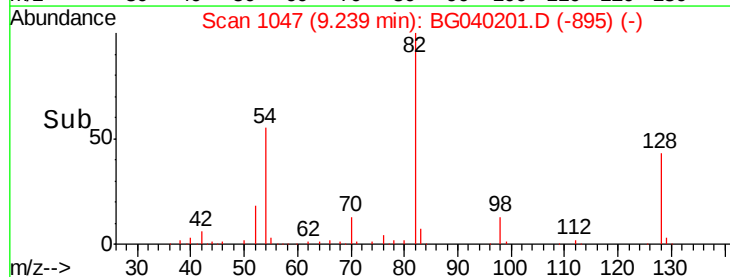
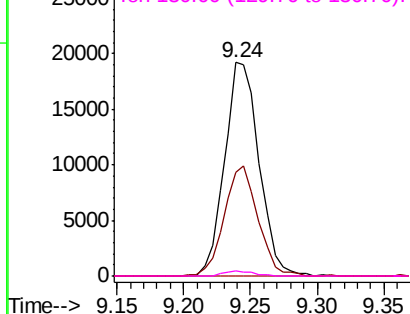
42 48.3 54.0 81.0#

101 0.0 8.6 13.0#

130 2.4 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

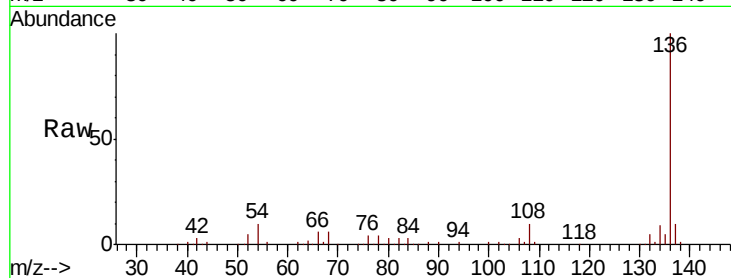




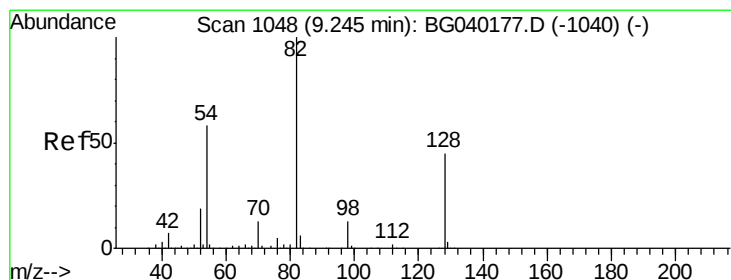
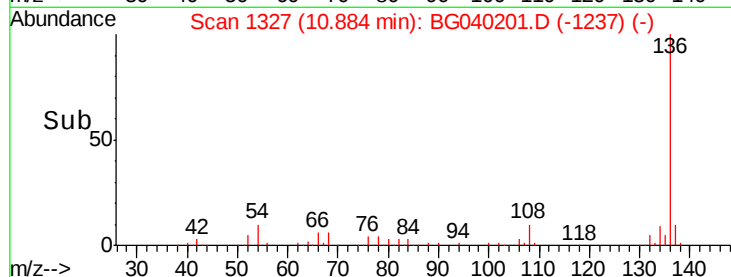
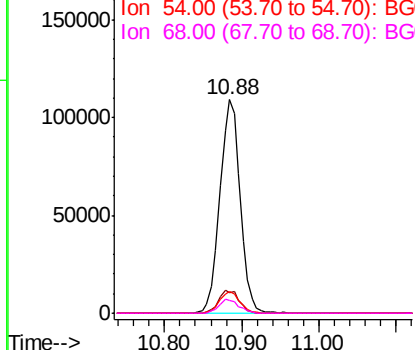
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB118351BL

Tgt Ion:	136	Resp:	198288
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	10.2	9.6	14.4
68	6.2	5.1	7.7

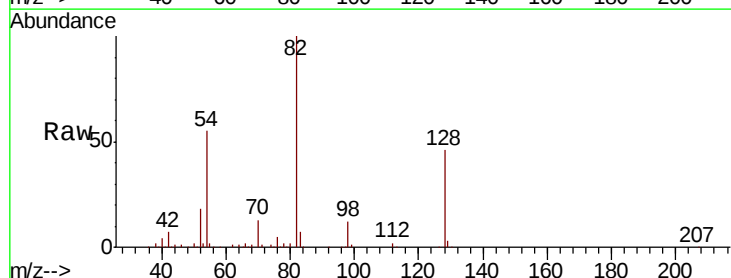


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

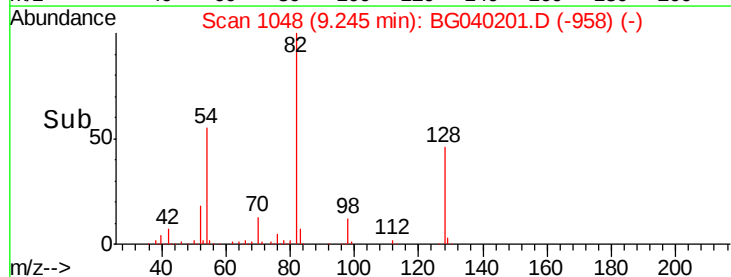
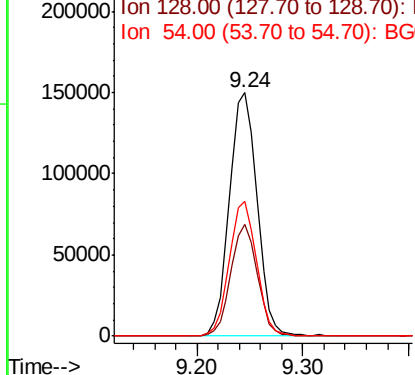


#23
Nitrobenzene-d5
Concen: 72.886 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Tgt Ion:	82	Resp:	271901
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.8	53.8
54	55.4	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: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB118351BL

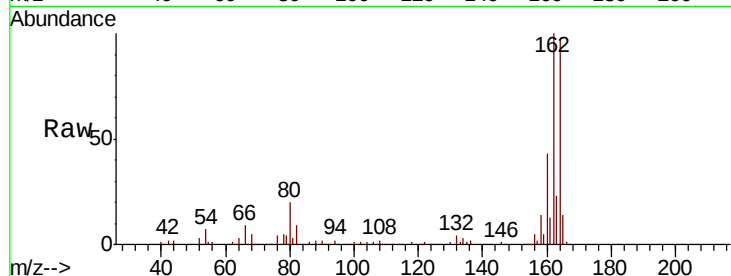
Tgt Ion:164 Resp: 118549

Ion Ratio Lower Upper

164 100

162 103.0 77.4 116.2

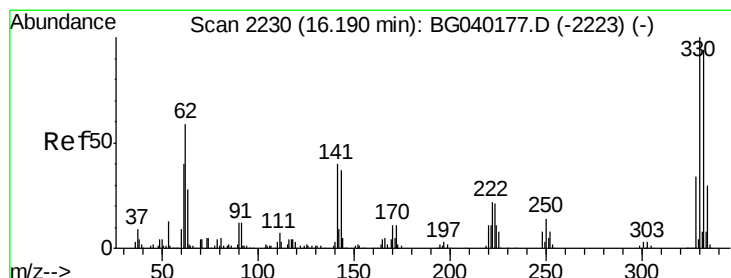
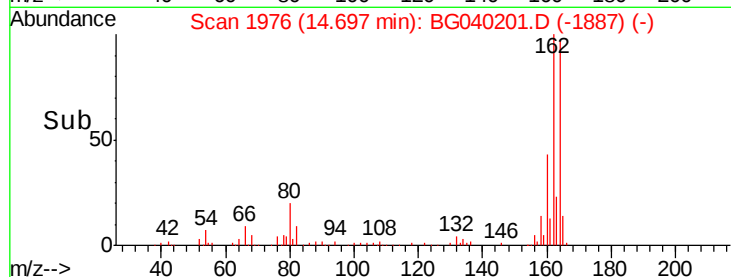
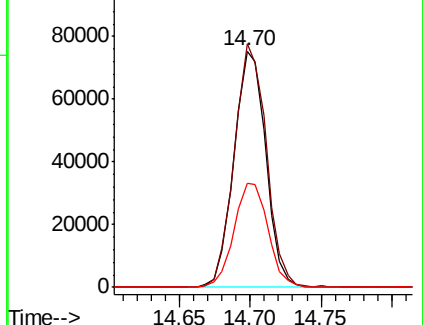
160 44.1 35.3 52.9



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: 121.029 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

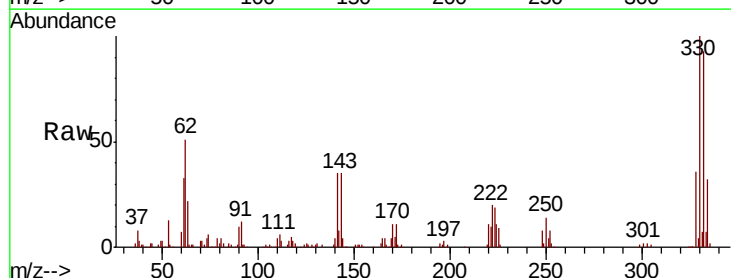
Tgt Ion:330 Resp: 155063

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

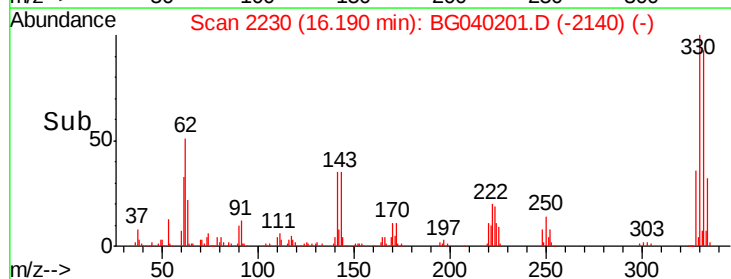
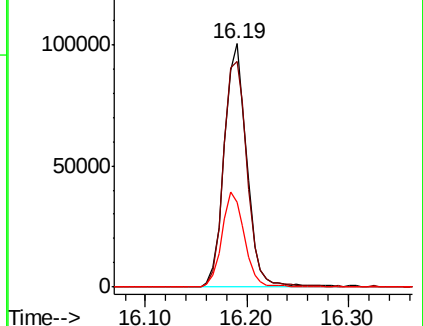
141 38.8 32.6 48.8

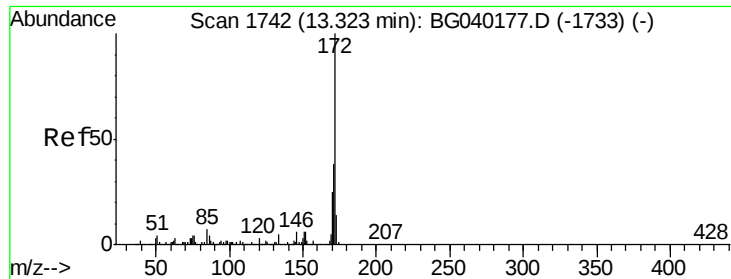


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

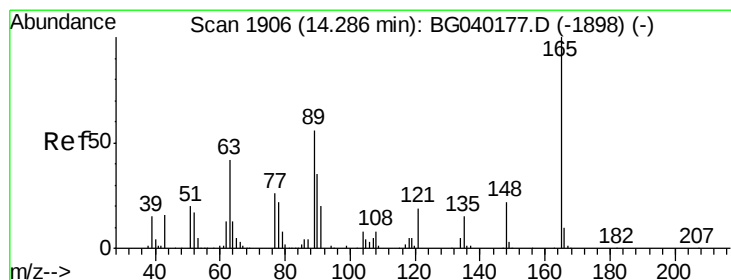
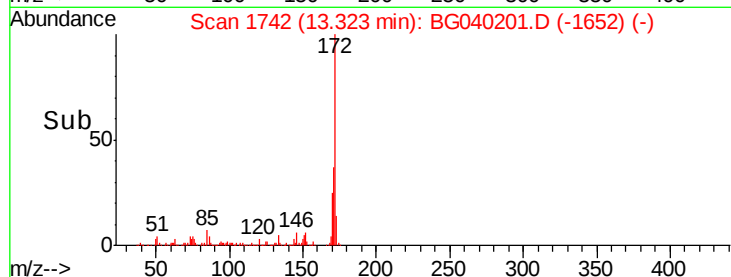
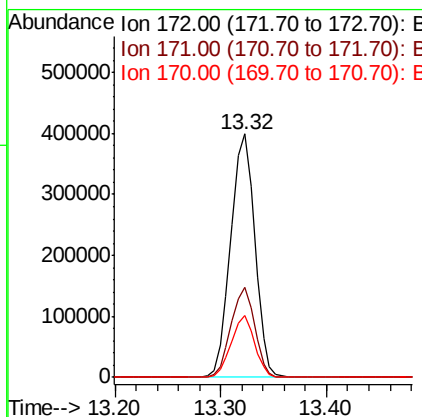
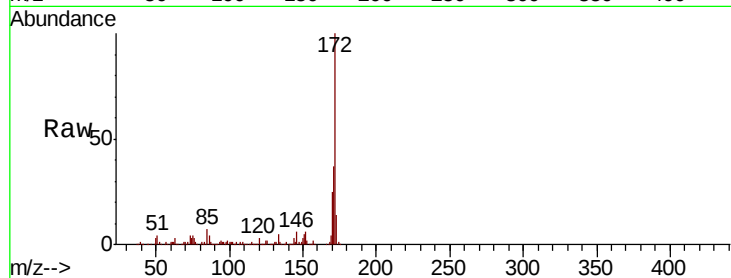




#45
 2-Fluorobiphenyl
 Concen: 78.528 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

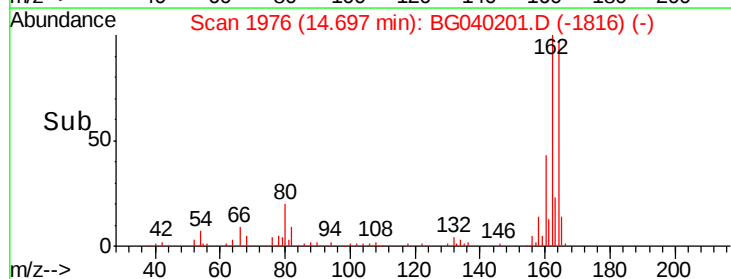
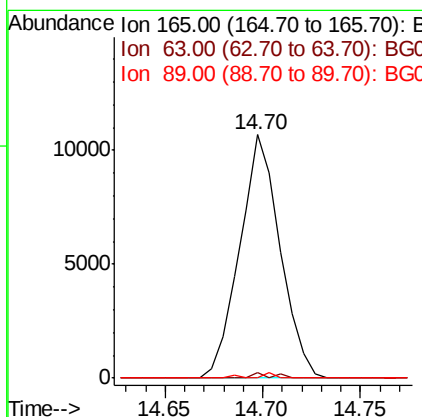
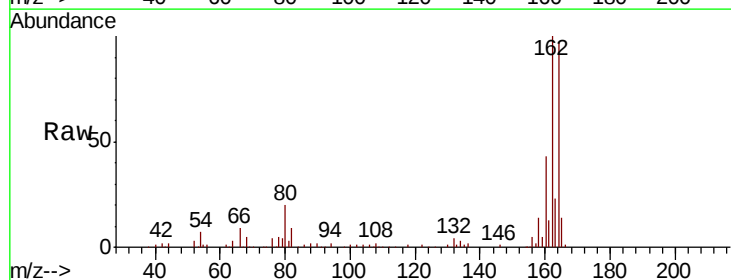
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	25.2	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.345 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.41 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.1	66.1#
89	0.0	44.9	67.3#

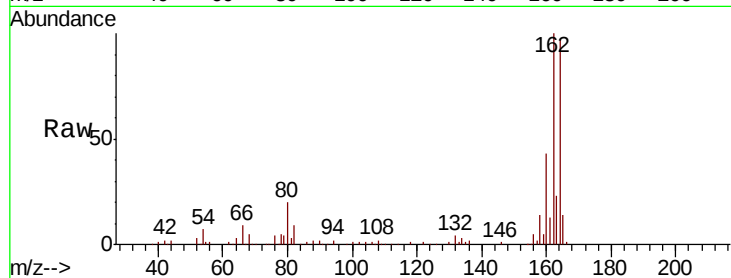




#57
 2,4-Dinitrotoluene
 Concen: 5.286 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BL

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

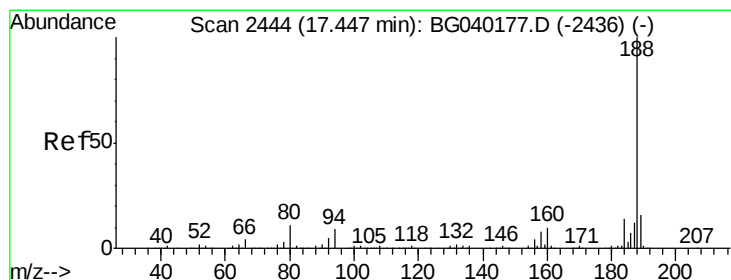
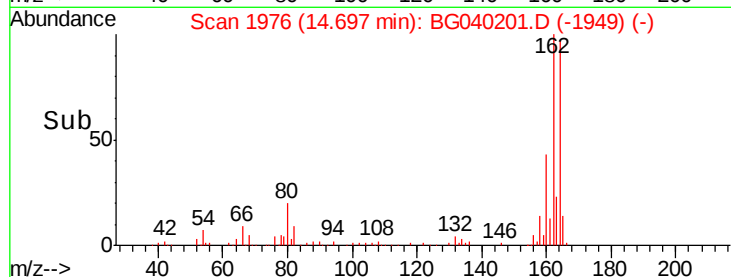
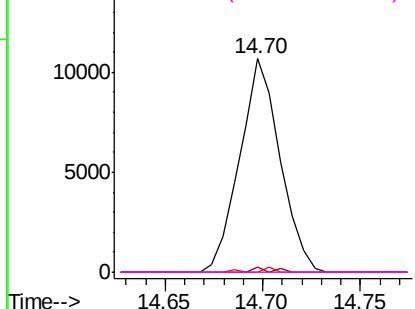


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

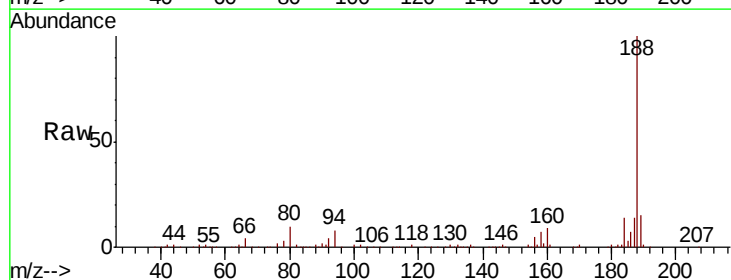
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

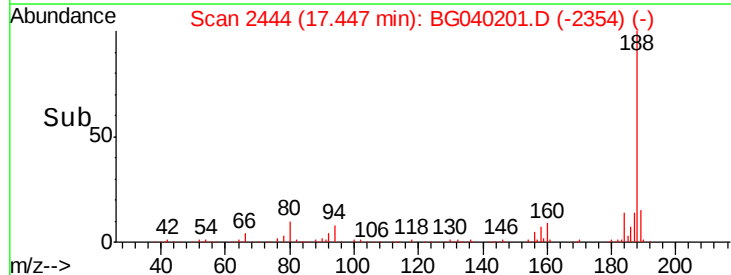
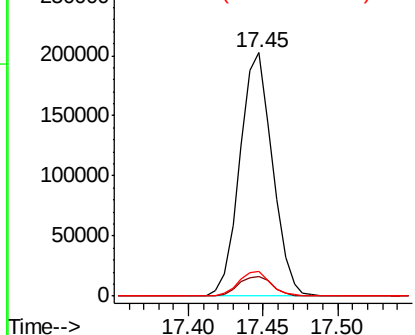
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	10.1	8.6	13.0



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

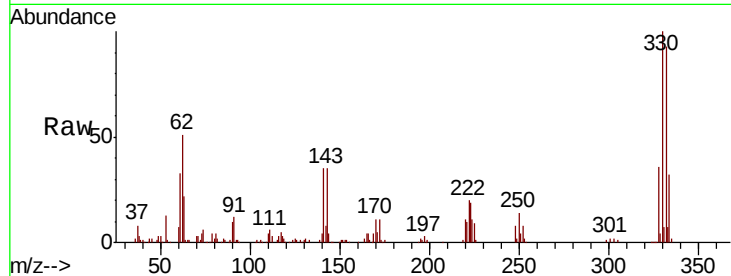




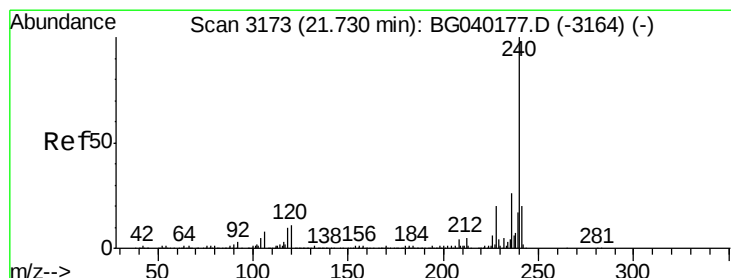
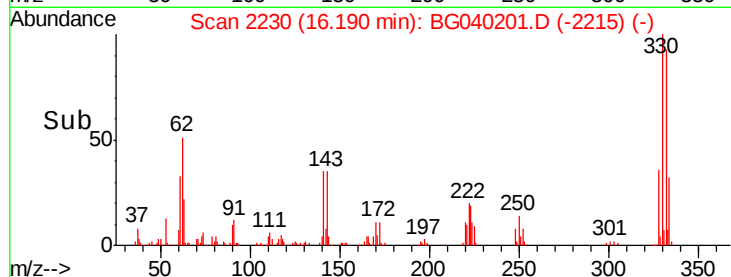
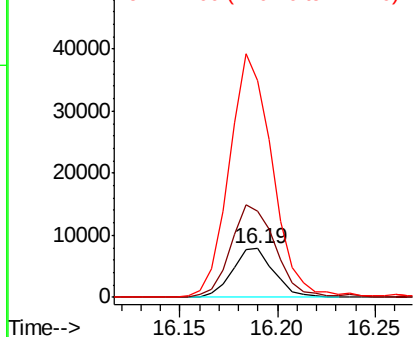
#67
 4-Bromophenyl-phenylether
 Concen: 3.359 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BL

Tgt Ion:248 Resp: 11570
 Ion Ratio Lower Upper
 248 100
 250 140.2 76.4 114.6#
 141 355.9 53.8 80.8#

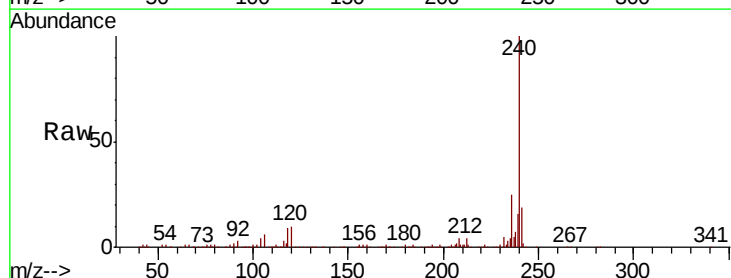


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

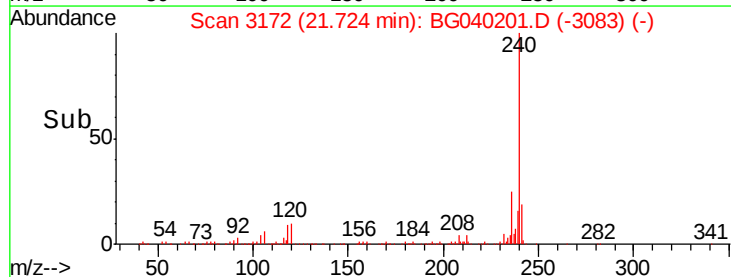
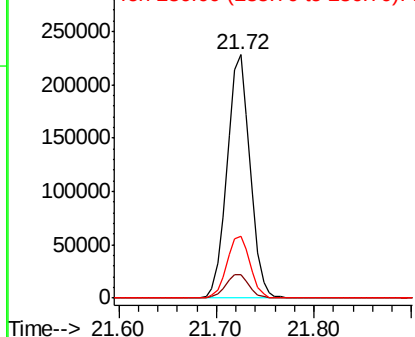


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

Tgt Ion:240 Resp: 371102
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.4 12.6
 236 25.2 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: 71.344 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB118351BL

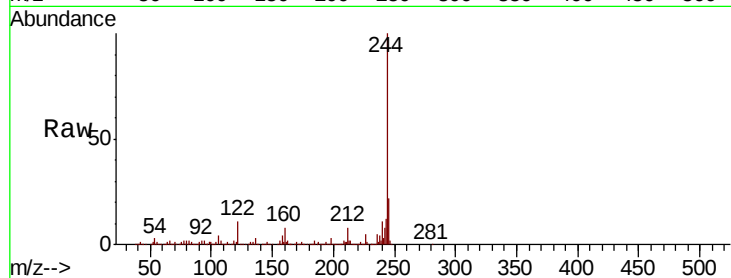
Tgt Ion:244 Resp: 1176889

Ion Ratio Lower Upper

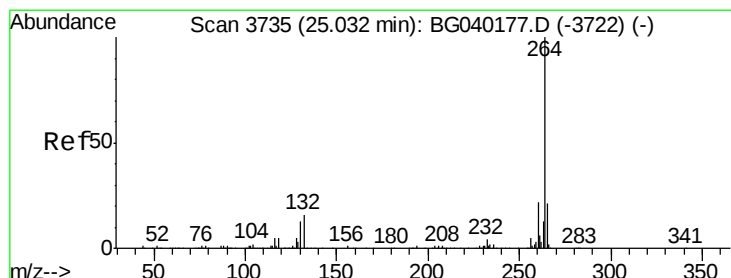
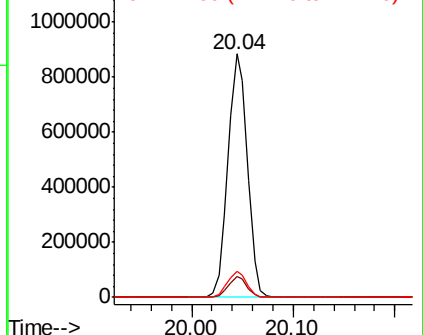
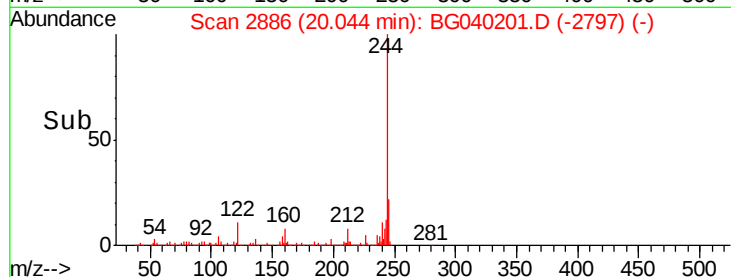
244 100

212 8.5 7.0 10.6

122 10.6 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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

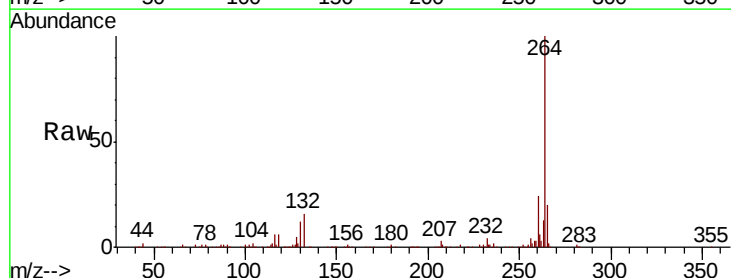
Tgt Ion:264 Resp: 372542

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

265 20.2 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

