

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040268.D
 Acq On : 1 Apr 2019 16:58
 Operator : JU/SJ
 Sample : PB118426BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118426BL

Quant Time: Apr 02 02:16:06 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

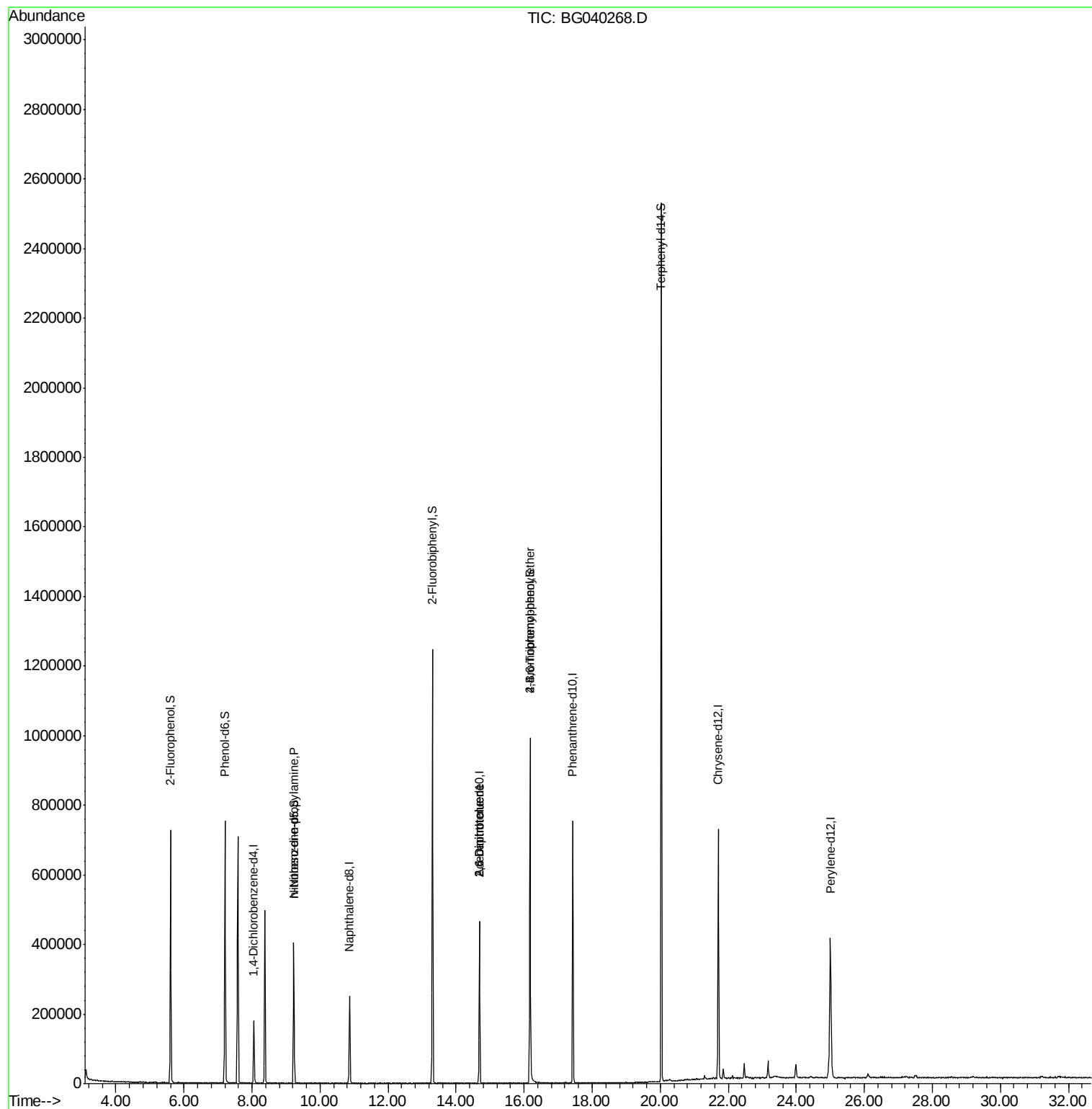
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50858	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	219516	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	162289	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	449455	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	455040	20.00	ng	-0.02
87) Perylene-d12	25.00	264	455471	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	311764	101.91	ng	-0.01
7) Phenol-d6	7.21	99	446134	105.52	ng	-0.02
23) Nitrobenzene-d5	9.23	82	248597	60.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	188681	107.58	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	665490	60.76	ng	-0.02
79) Terphenyl-d14	20.03	244	1217748	60.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	30991	10.223	ng	# 76
51) 2,6-Dinitrotoluene	14.68	165	20935	7.341	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	20935	5.283	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	14185	2.805	ng	# 1

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

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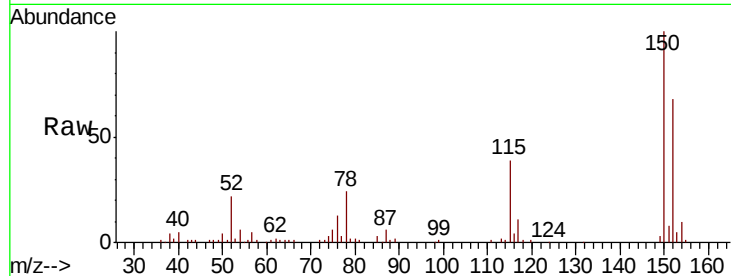


#1

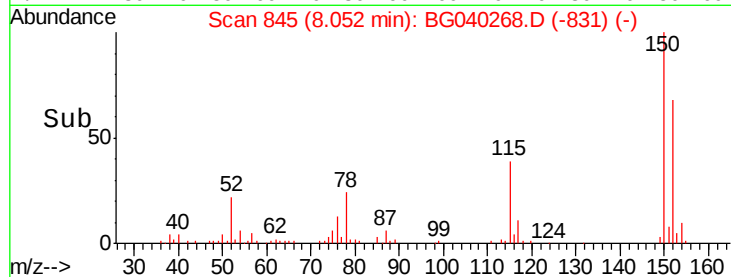
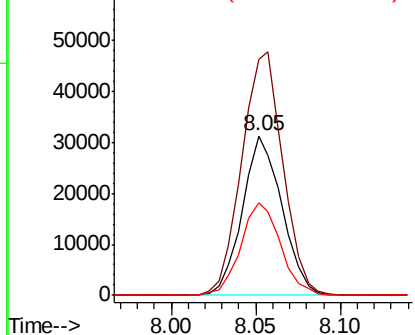
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040268.D
Acq: 1 Apr 2019 16:58

Instrument :
BNA_G
ClientSampleId :
PB118426BL

Tgt Ion:152 Resp: 50858
Ion Ratio Lower Upper
152 100
150 147.3 123.7 185.5
115 58.1 46.9 70.3



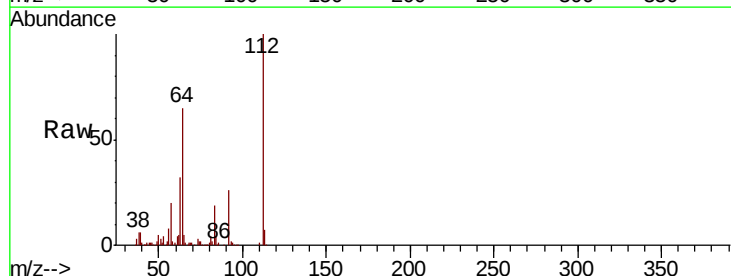
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



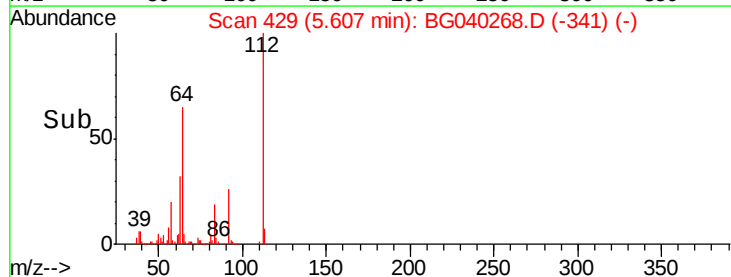
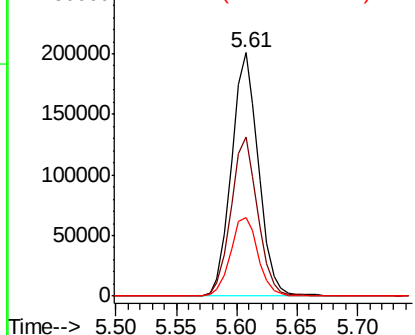
#5

2-Fluorophenol
Concen: 101.907 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040268.D
Acq: 1 Apr 2019 16:58

Tgt Ion:112 Resp: 311764
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.2
63 32.3 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: 105.519 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

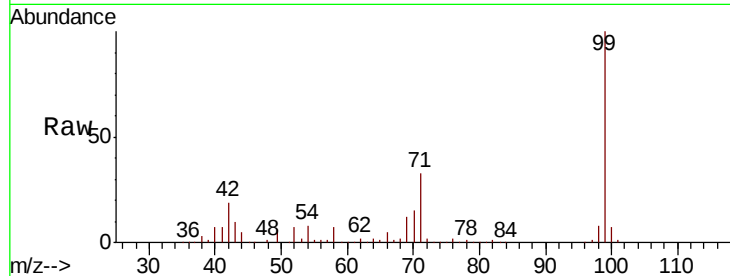
Tgt Ion: 99 Resp: 446134

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.2

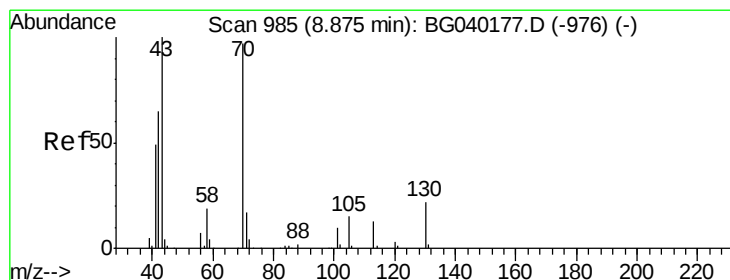
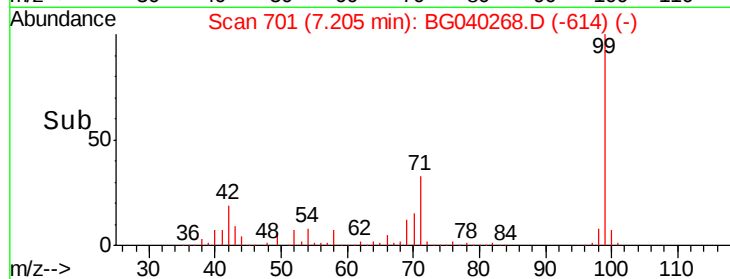
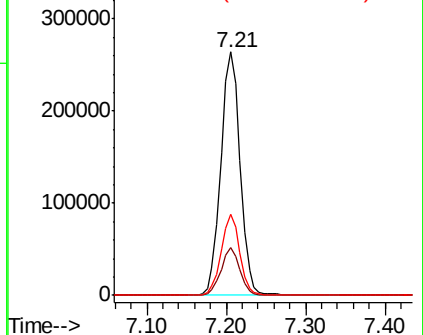
71 33.2 26.8 40.2



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: 10.223 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Tgt Ion: 70 Resp: 30991

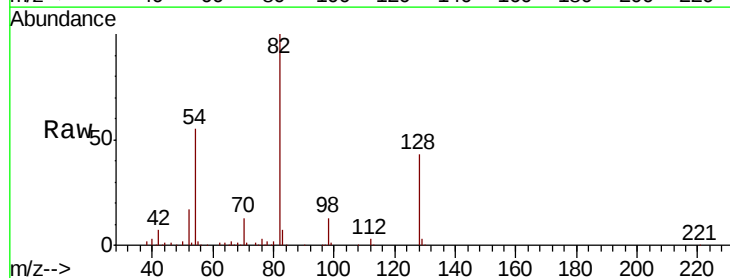
Ion Ratio Lower Upper

70 100

42 53.7 54.0 81.0#

101 0.0 8.6 13.0#

130 1.8 18.2 27.2#

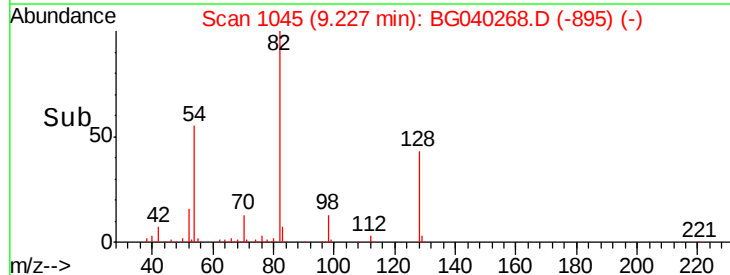
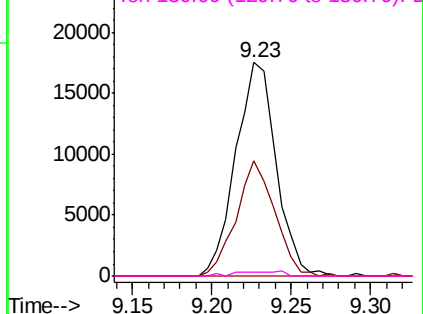


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

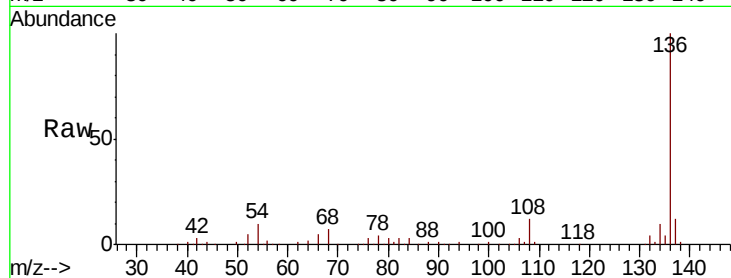




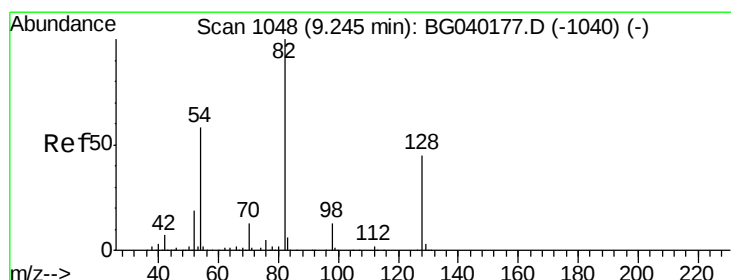
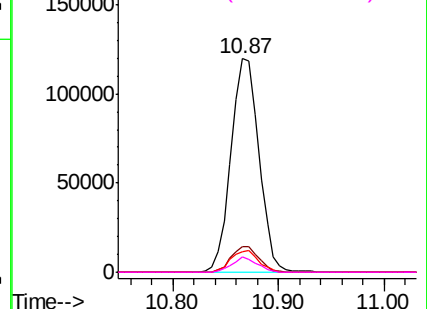
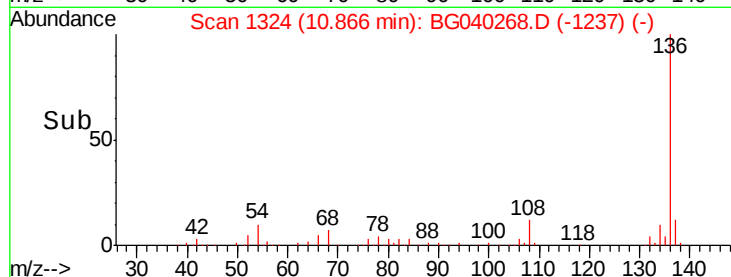
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040268.D
Acq: 1 Apr 2019 16:58

Instrument :
BNA_G
ClientSampleId :
PB118426BL

Tgt Ion:	136	Resp:	219516
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	9.8	9.6	14.4
68	7.4	5.1	7.7

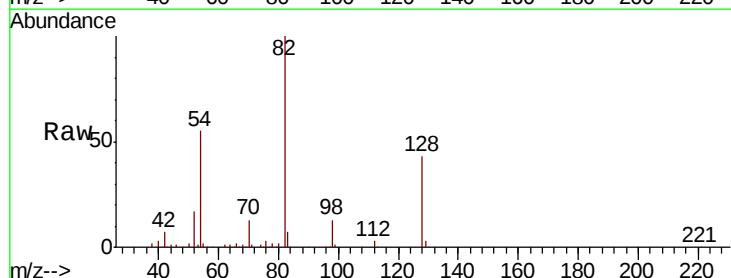


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

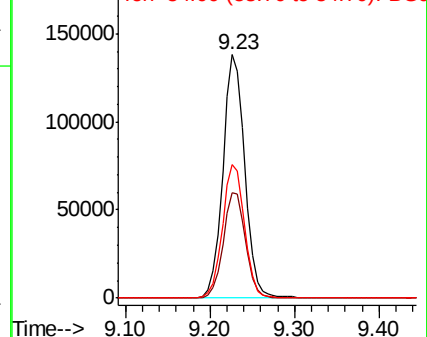
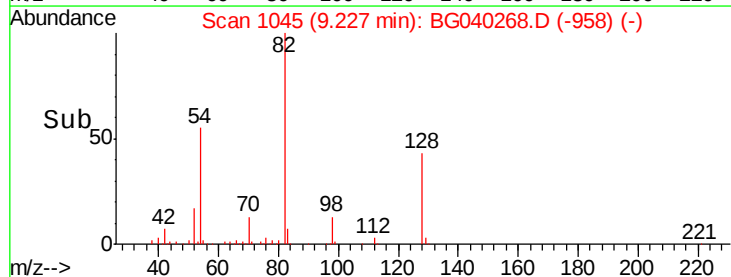


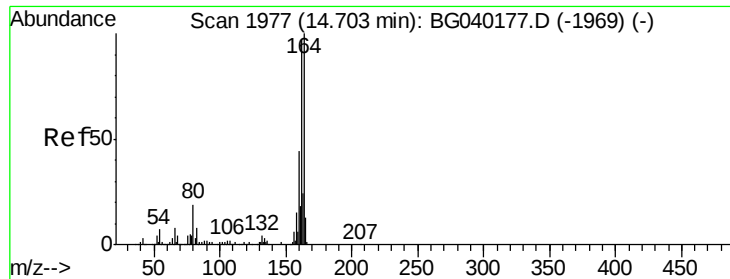
#23
Nitrobenzene-d5
Concen: 60.195 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040268.D
Acq: 1 Apr 2019 16:58

Tgt Ion:	82	Resp:	248597
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	54.9	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# 1974

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

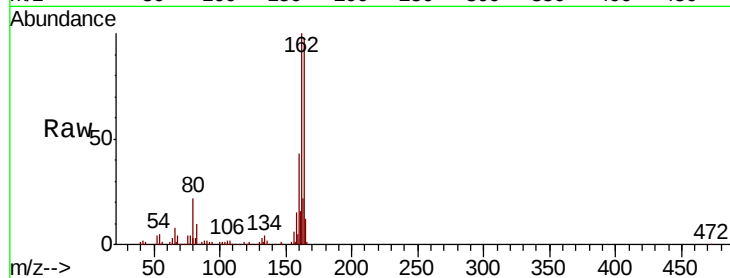
Tgt Ion:164 Resp: 162289

Ion Ratio Lower Upper

164 100

162 102.9 77.4 116.2

160 44.4 35.3 52.9

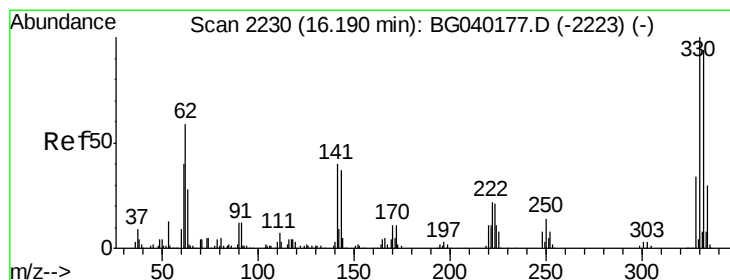
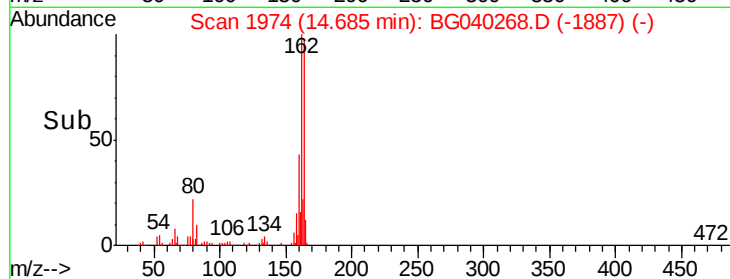
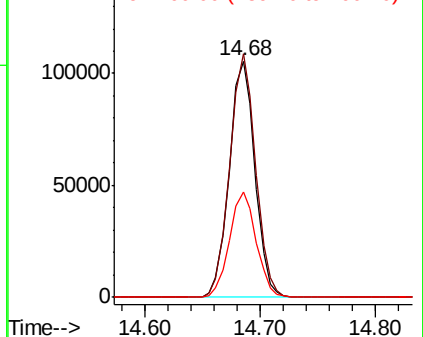


Abundance

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: 107.577 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

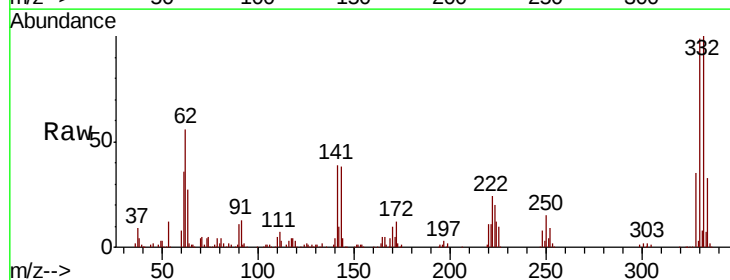
Tgt Ion:330 Resp: 188681

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

141 38.3 32.6 48.8

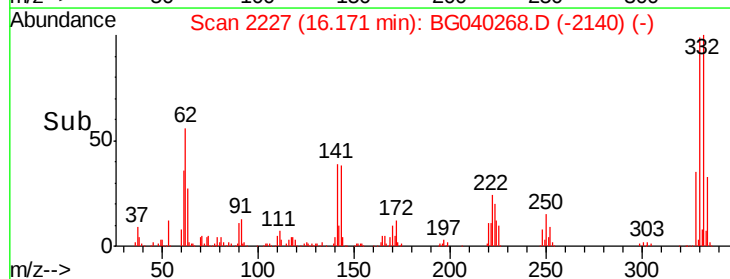
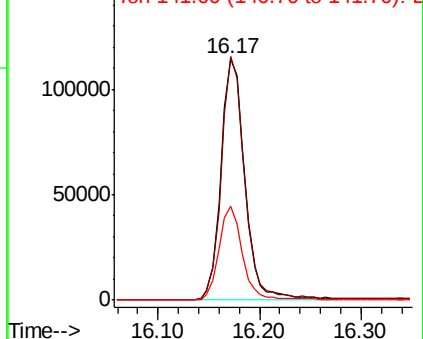


Abundance

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: 60.762 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

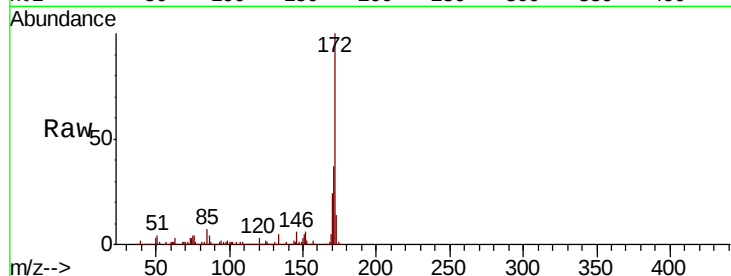
Tgt Ion:172 Resp: 665490

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

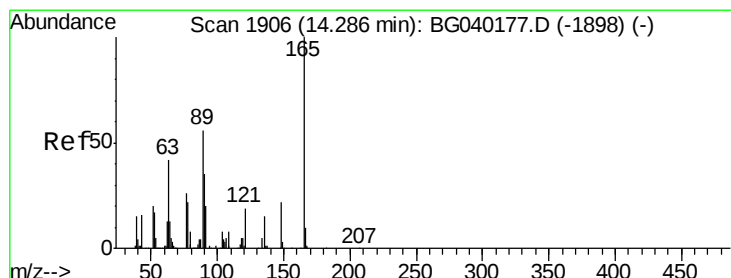
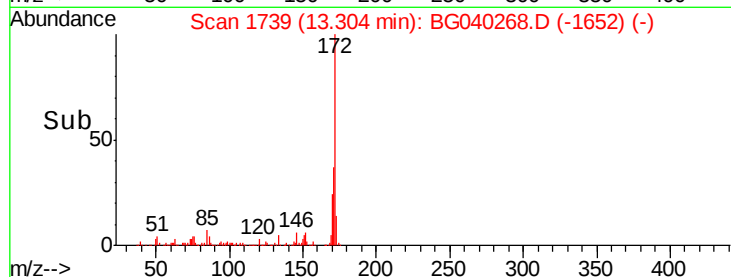
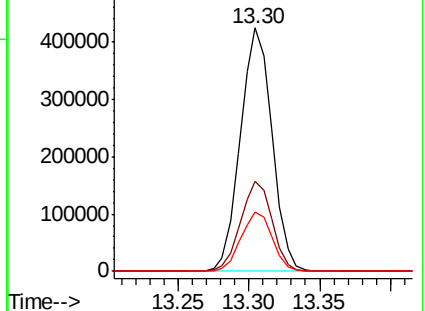
170 24.4 20.1 30.1



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: 7.341 ng

RT: 14.68 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

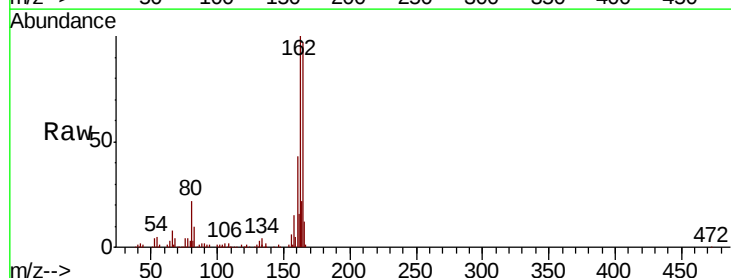
Tgt Ion:165 Resp: 20935

Ion Ratio Lower Upper

165 100

63 1.6 44.1 66.1#

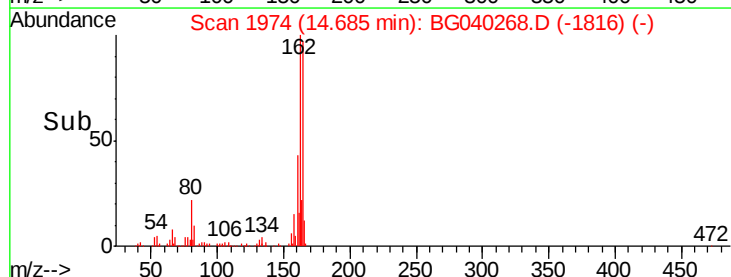
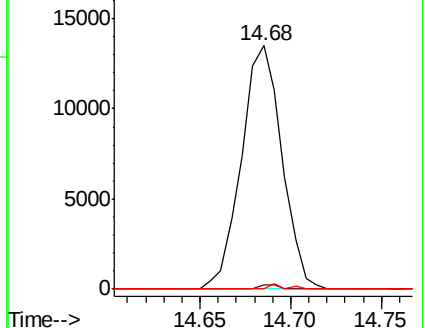
89 0.0 44.9 67.3#

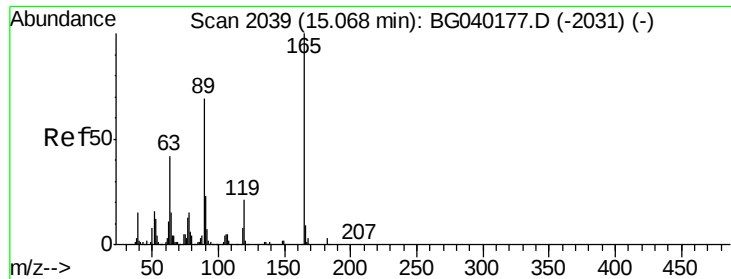


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

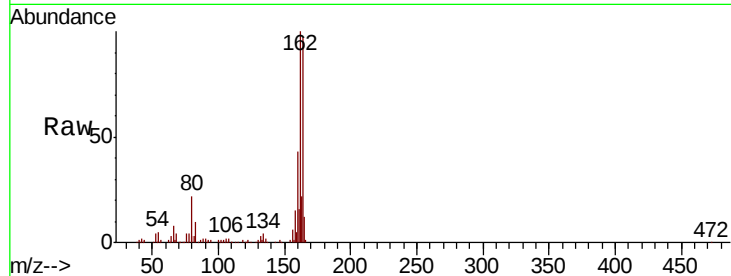




#57
 2,4-Dinitrotoluene
 Concen: 5.283 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118426BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



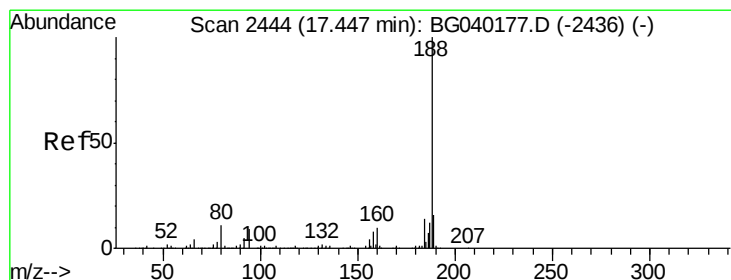
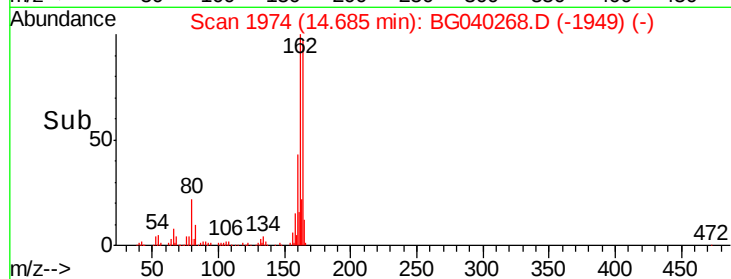
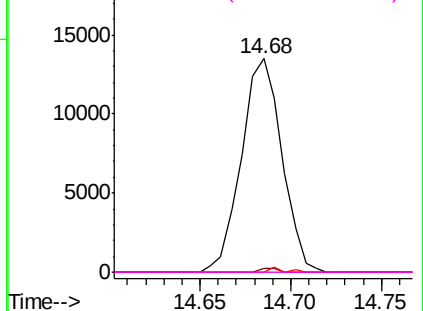
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

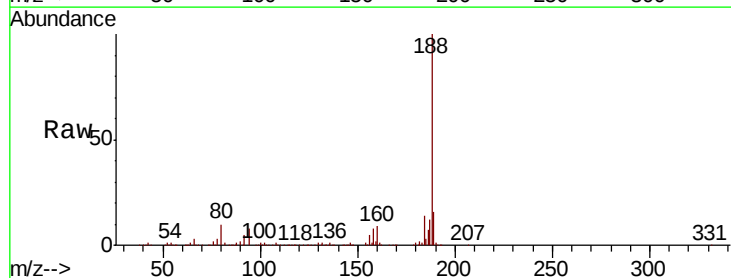
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	10.3	8.6	13.0

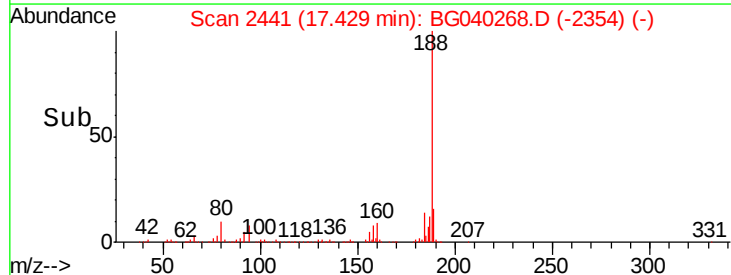
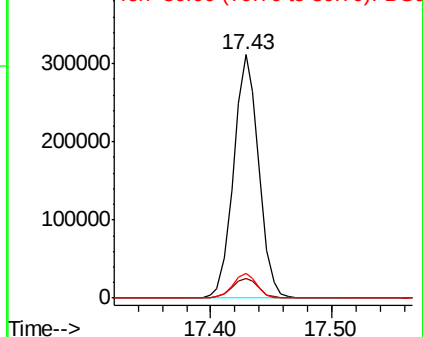


Abundance

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

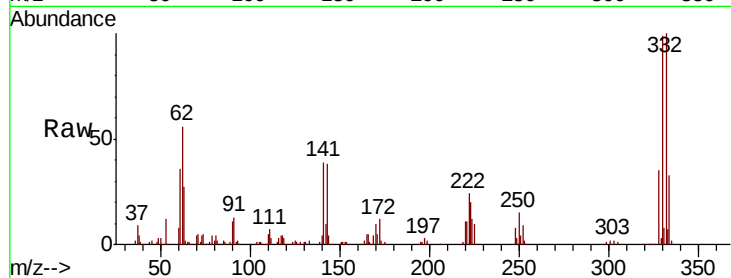




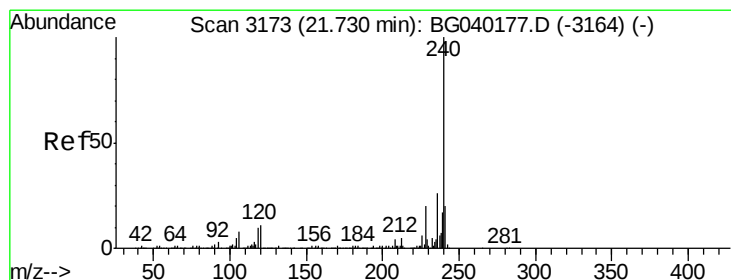
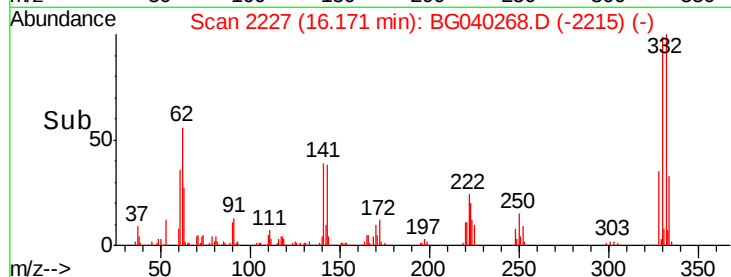
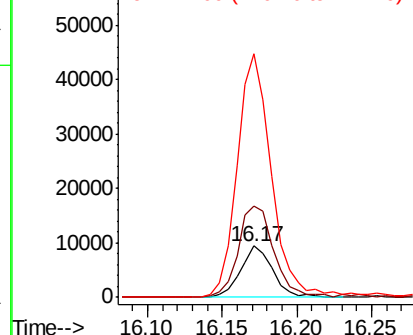
#67
 4-Bromophenyl-phenylether
 Concen: 2.805 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118426BL

Tgt Ion:248 Resp: 14185
 Ion Ratio Lower Upper
 248 100
 250 178.1 76.4 114.6#
 141 473.3 53.8 80.8#

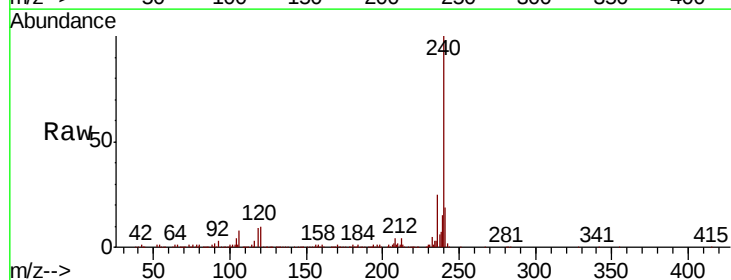


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

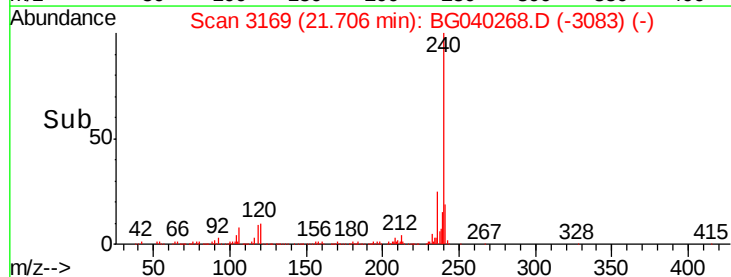
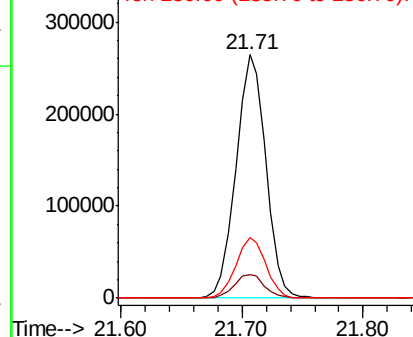


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040268.D
 Acq: 1 Apr 2019 16:58

Tgt Ion:240 Resp: 455040
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 25.0 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: 60.204 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

Instrument :

BNA_G

ClientSampleId :

PB118426BL

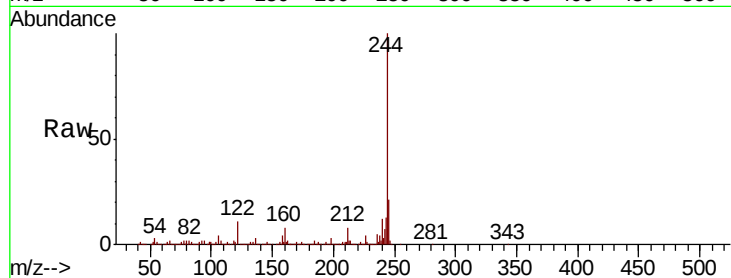
Tgt Ion:244 Resp: 1217748

Ion Ratio Lower Upper

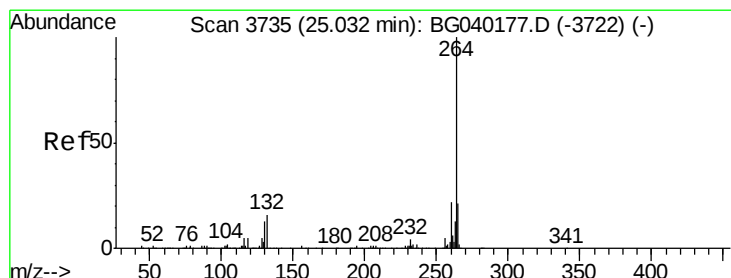
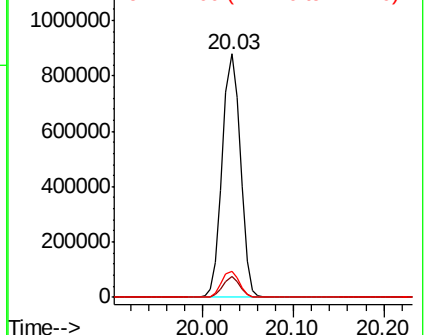
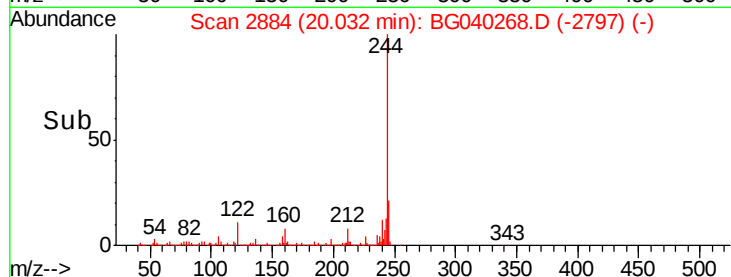
244 100

212 8.4 7.0 10.6

122 10.9 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.03 min

Lab File: BG040268.D

Acq: 1 Apr 2019 16:58

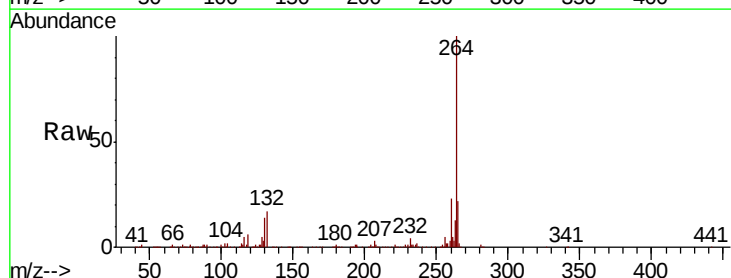
Tgt Ion:264 Resp: 455471

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 21.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
150000
Ion 265.00 (264.70 to 265.70): E

