

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040277.D
 Acq On : 1 Apr 2019 22:56
 Operator : JU/SJ
 Sample : K2115-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Quant Time: Apr 02 02:19:31 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

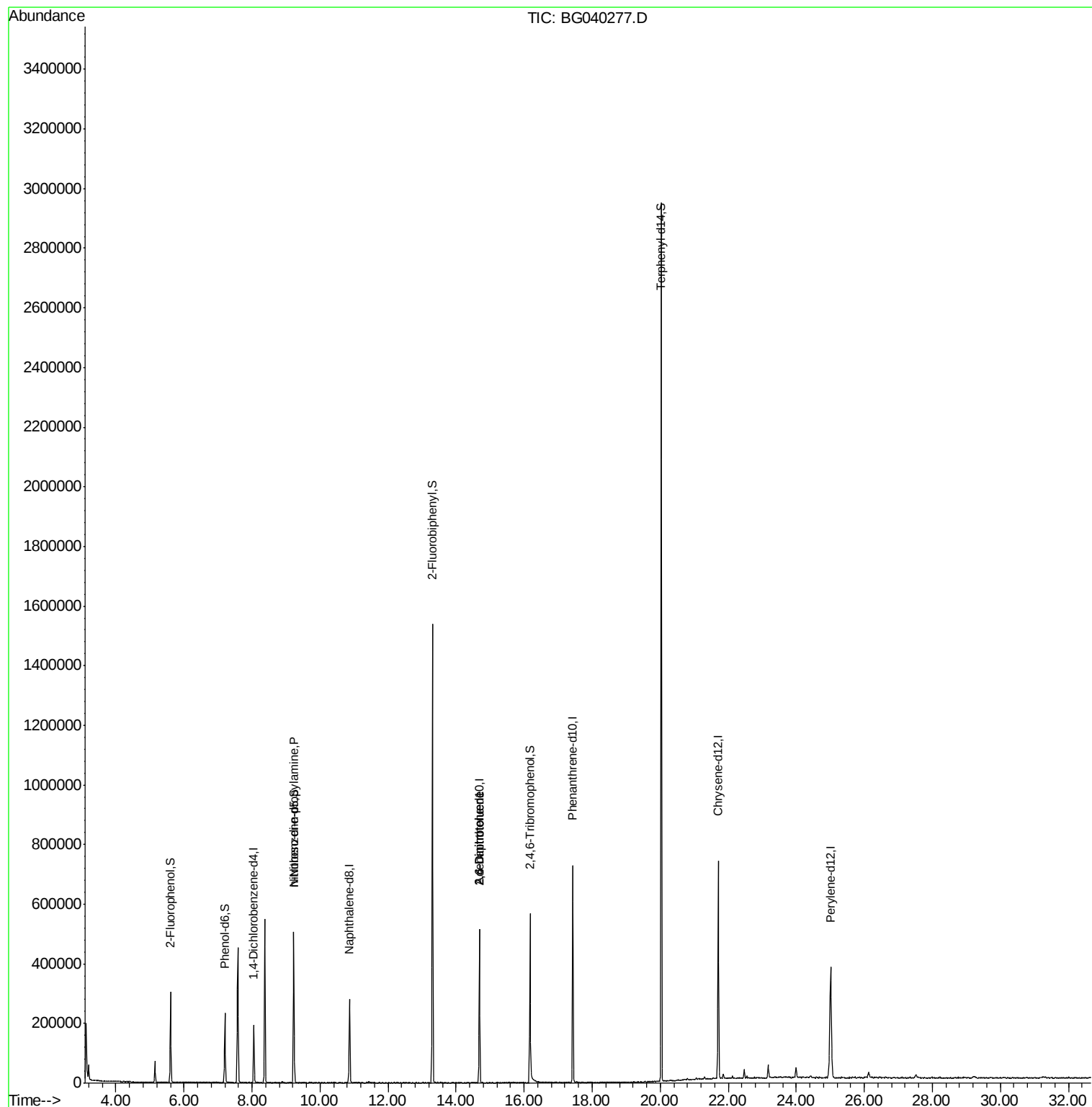
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56272	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	241080	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	176673	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	452817	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	446990	20.00	ng	-0.02
87) Perylene-d12	25.01	264	447784	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	136452	40.31	ng	-0.02
7) Phenol-d6	7.20	99	144084	30.80	ng	-0.02
23) Nitrobenzene-d5	9.23	82	303077	66.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	118496	62.06	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	800262	67.12	ng	-0.02
79) Terphenyl-d14	20.03	244	1369787	68.94	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	38470	11.470	ng	# 69
51) 2,6-Dinitrotoluene	14.68	165	22409	7.218	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	22409	5.194	ng	# 24

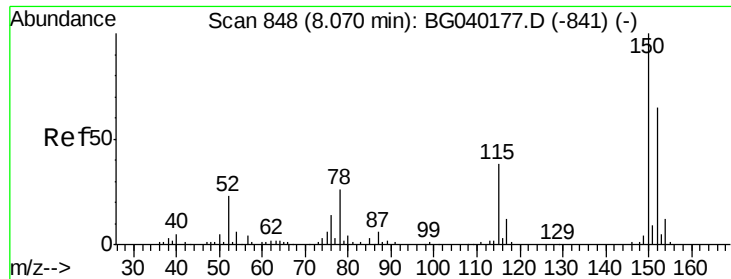
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG040277.D
Acq On : 1 Apr 2019 22:56
Operator : JU/SJ
Sample : K2115-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

Quant Time: Apr 02 02:19:31 2019
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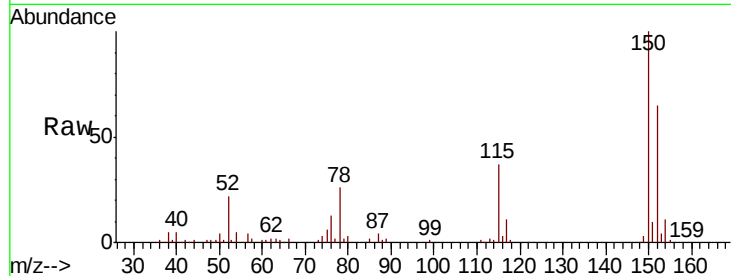


#1

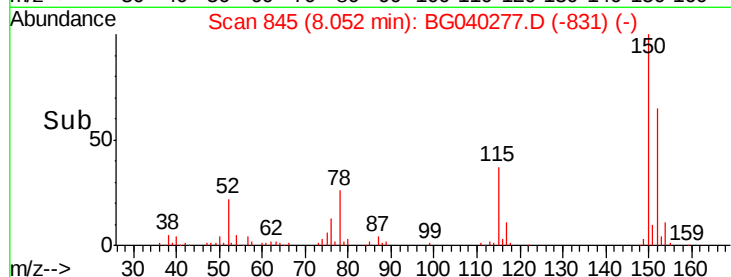
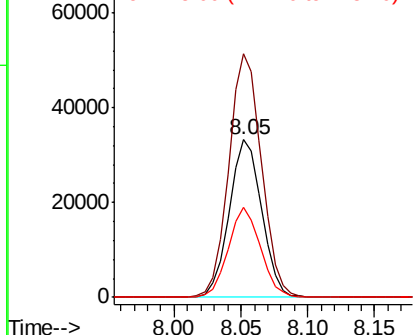
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

Tgt Ion:152 Resp: 56272
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 57.0 46.9 70.3



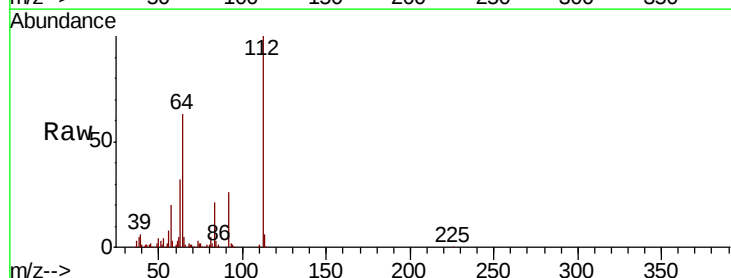
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



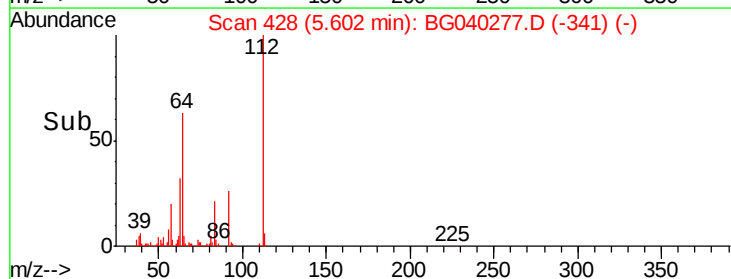
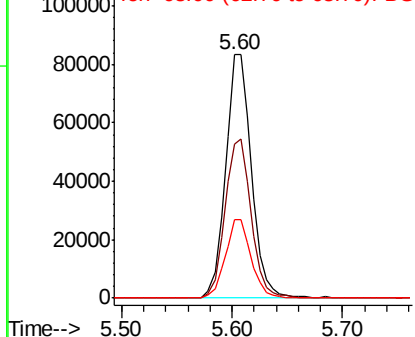
#5

2-Fluorophenol
Concen: 40.311 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

Tgt Ion:112 Resp: 136452
Ion Ratio Lower Upper
112 100
64 63.3 54.2 81.2
63 32.1 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: 30.800 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

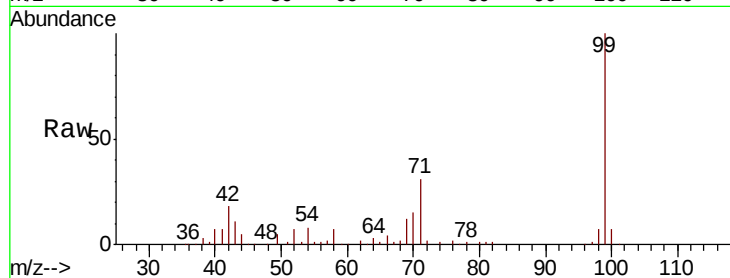
Tgt Ion: 99 Resp: 144084

Ion Ratio Lower Upper

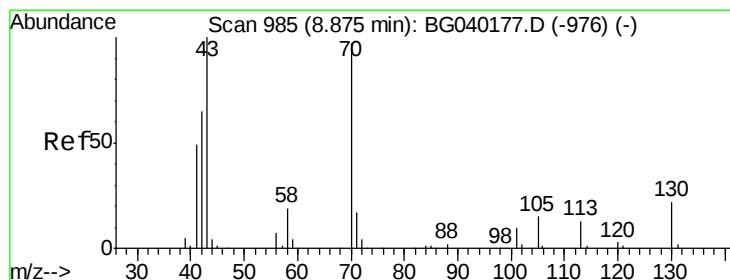
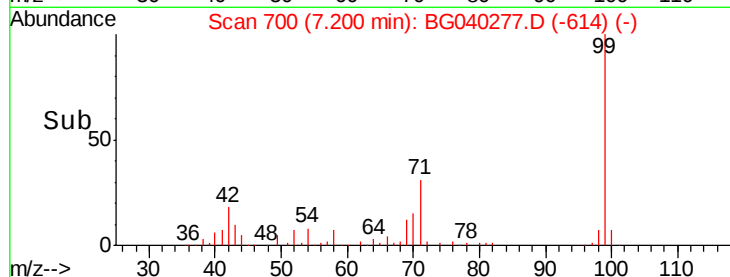
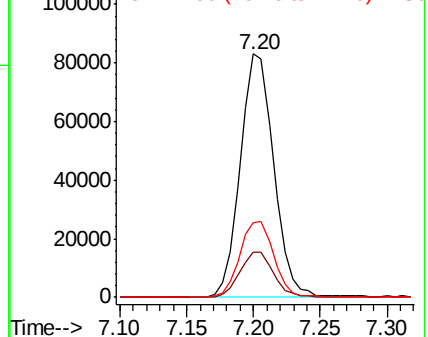
99 100

42 18.4 16.2 24.2

71 30.7 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: 11.470 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

Tgt Ion: 70 Resp: 38470

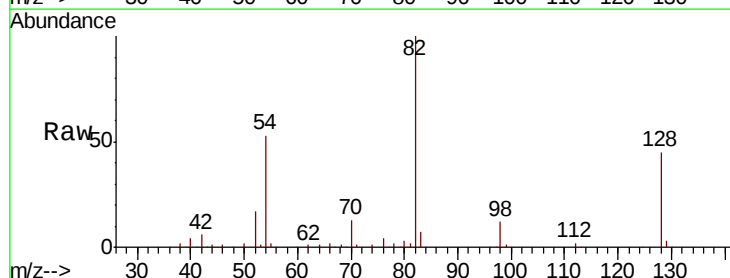
Ion Ratio Lower Upper

70 100

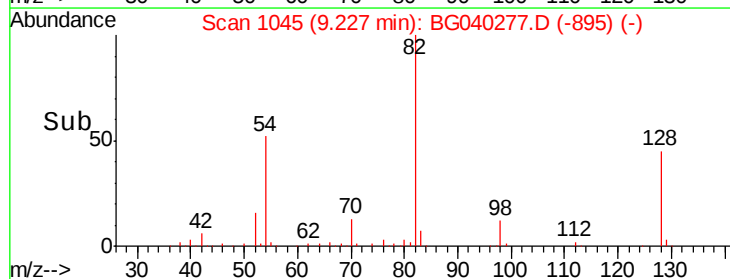
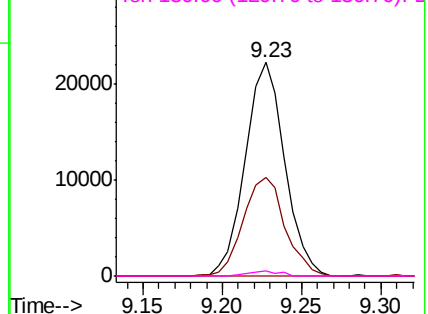
42 45.9 54.0 81.0#

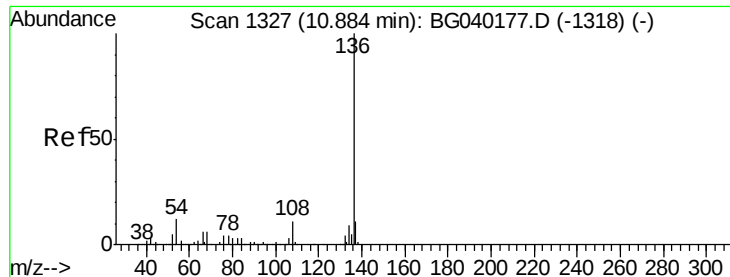
101 0.0 8.6 13.0#

130 2.3 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

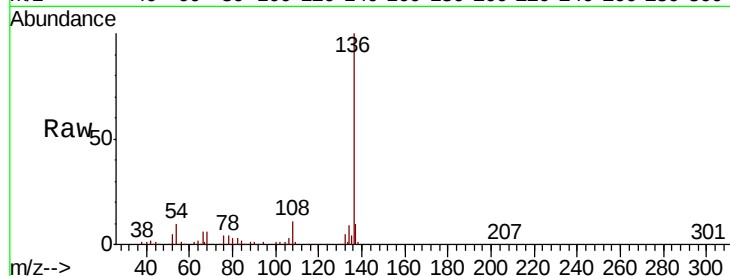




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

Tgt Ion:	136	Resp:	241080
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.8	9.6	14.4
68	6.4	5.1	7.7



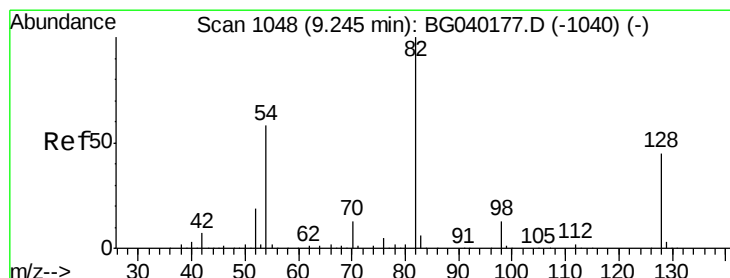
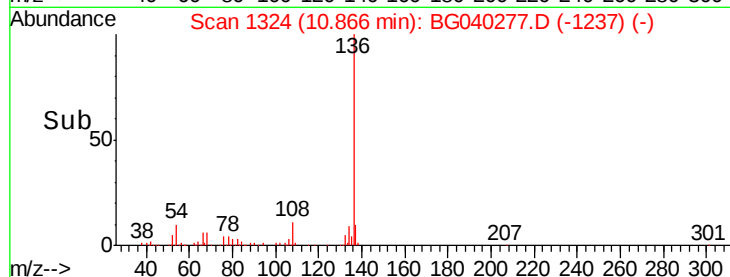
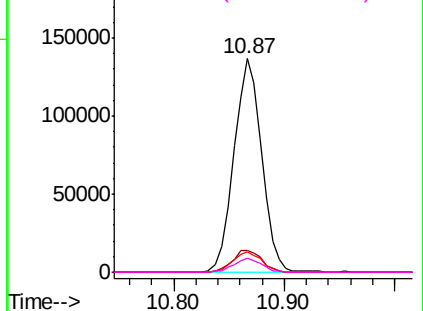
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

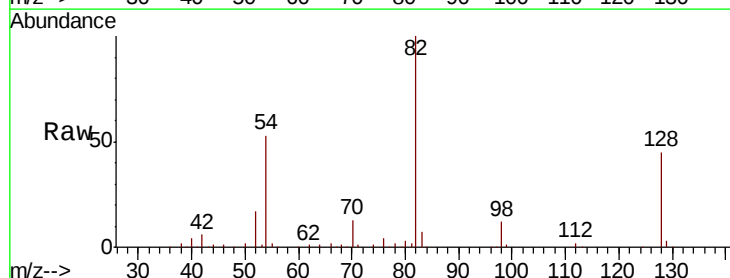
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 66.823 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

Tgt Ion:	82	Resp:	303077
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.8	53.8
54	52.5	46.2	69.2

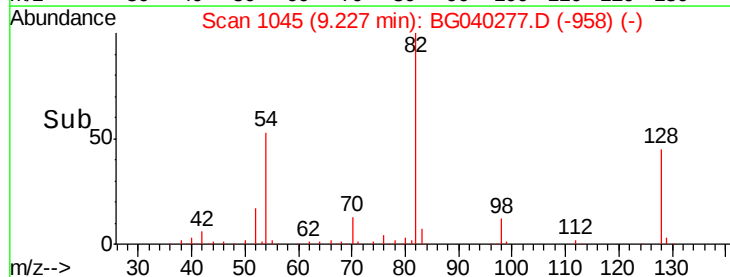
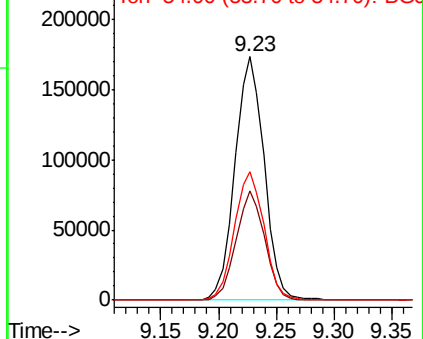


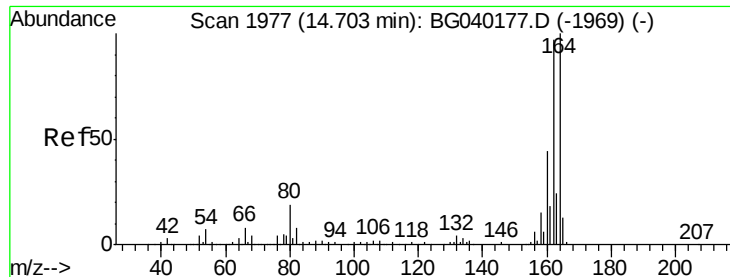
Abundance

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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

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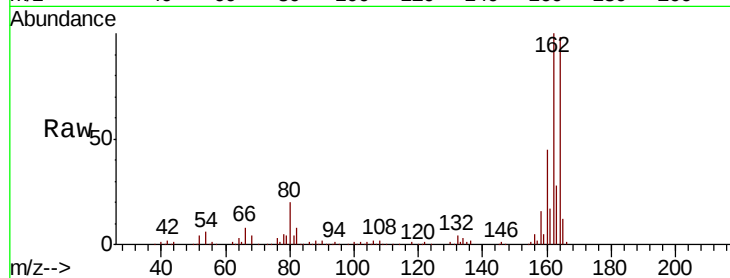
Tgt Ion:164 Resp: 176673

Ion Ratio Lower Upper

164 100

162 101.5 77.4 116.2

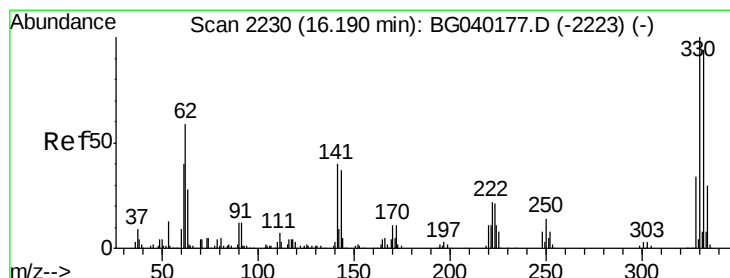
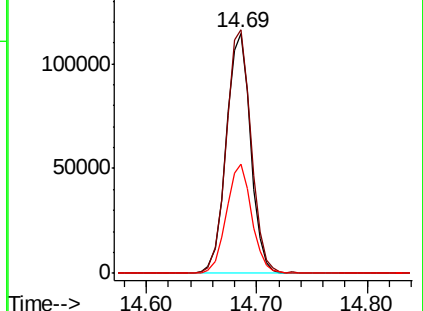
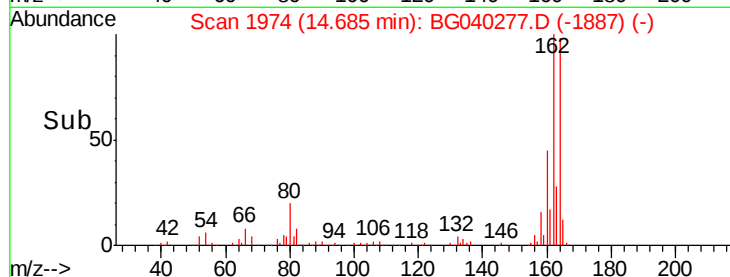
160 45.6 35.3 52.9



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: 62.060 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

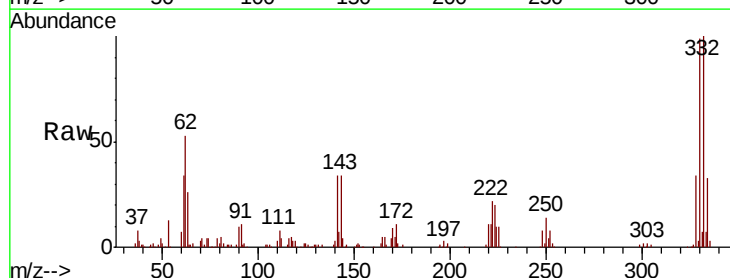
Tgt Ion:330 Resp: 118496

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

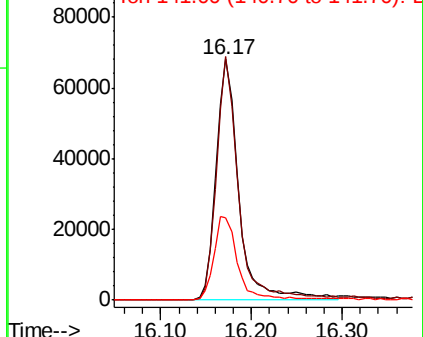
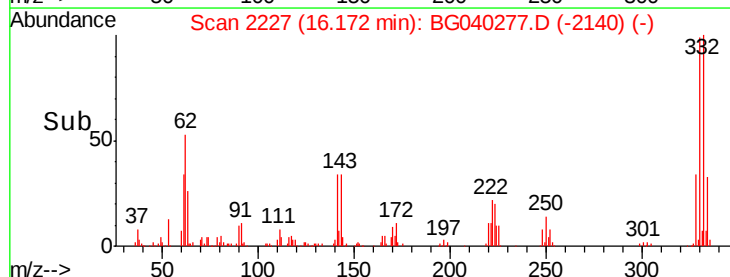
141 36.3 32.6 48.8



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: 67.118 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

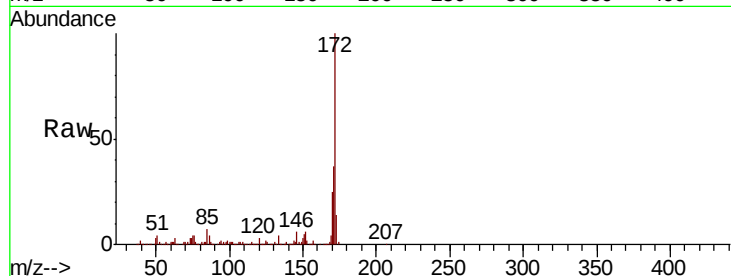
Tgt Ion:172 Resp: 800262

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

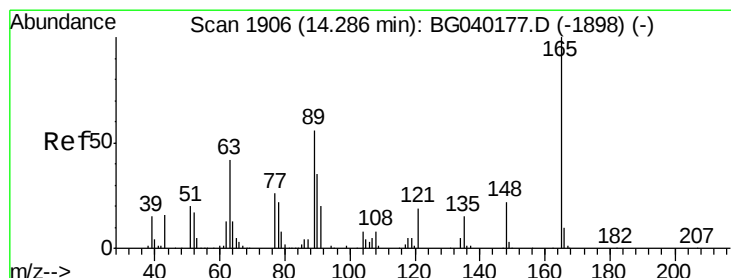
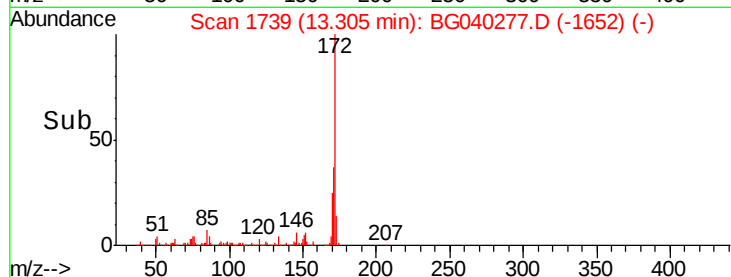
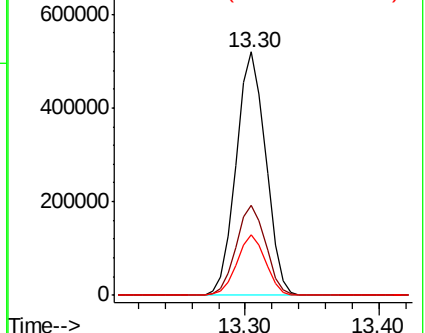
170 24.9 20.1 30.1



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: 7.218 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.39 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

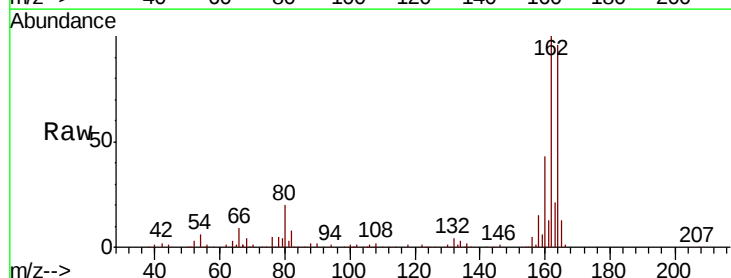
Tgt Ion:165 Resp: 22409

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

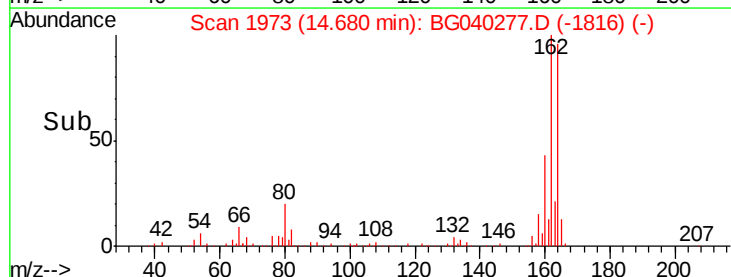
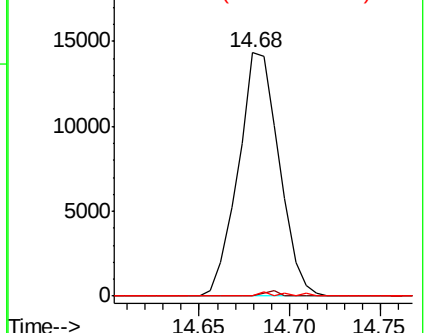
89 0.0 44.9 67.3#

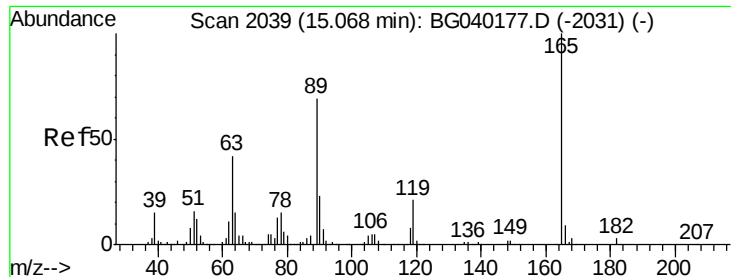


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

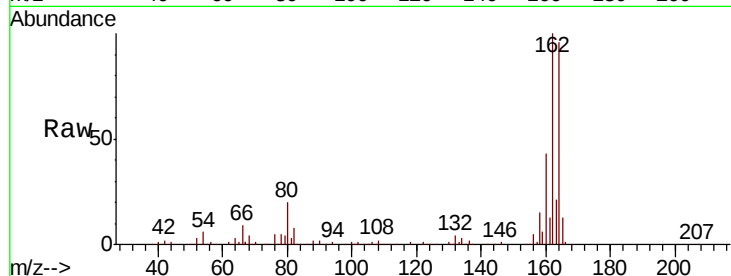




#57
 2,4-Dinitrotoluene
 Concen: 5.194 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040277.D
 Acq: 1 Apr 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Tgt 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#

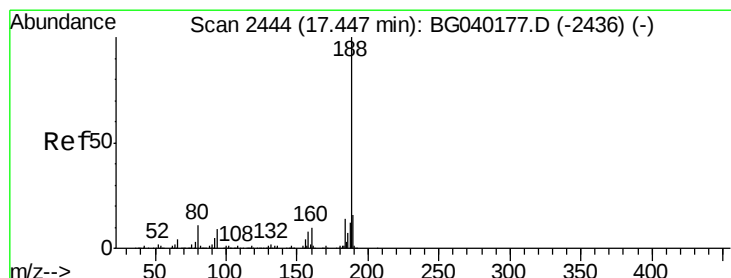
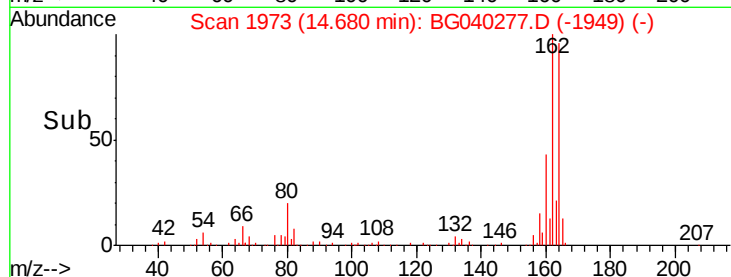
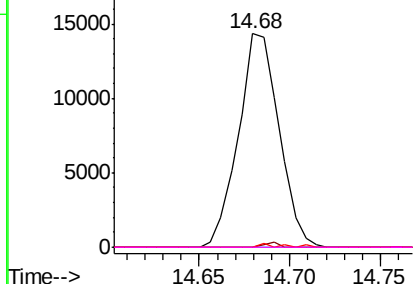


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

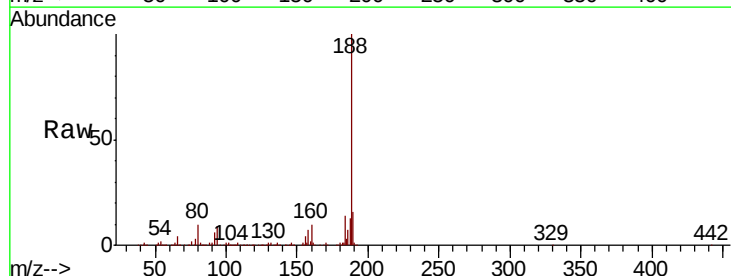
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040277.D
 Acq: 1 Apr 2019 22:56

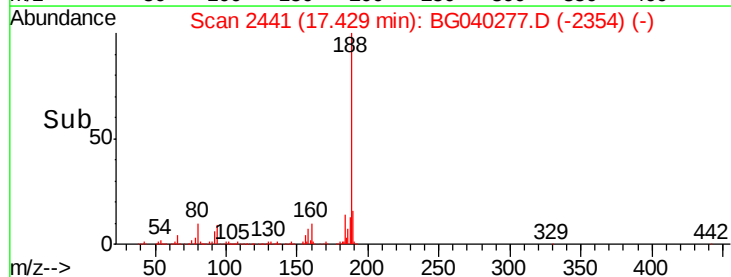
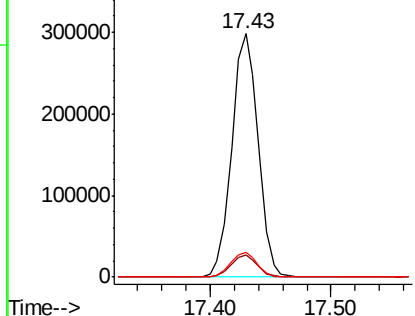
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.0	8.6	13.0

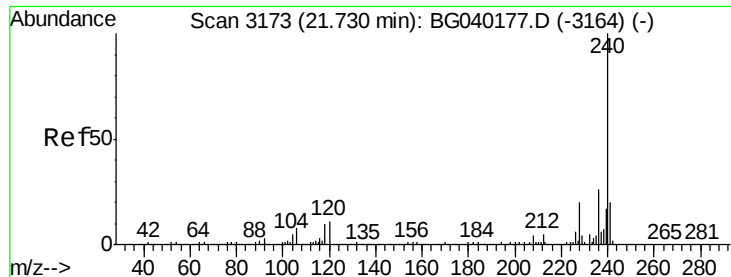


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

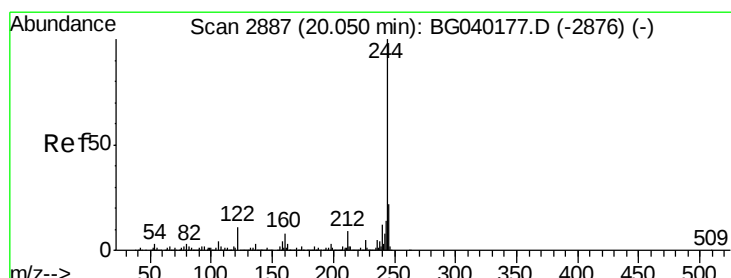
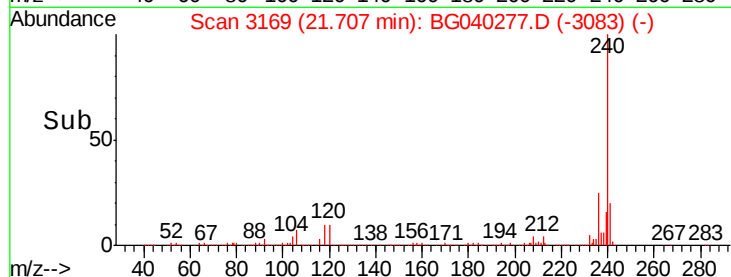
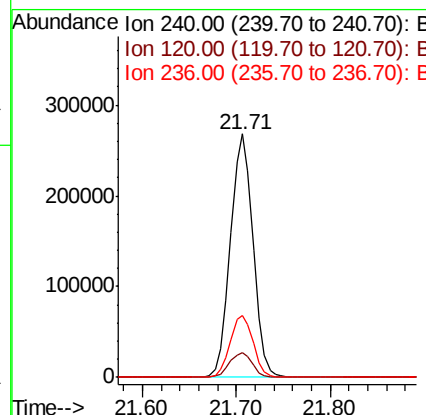
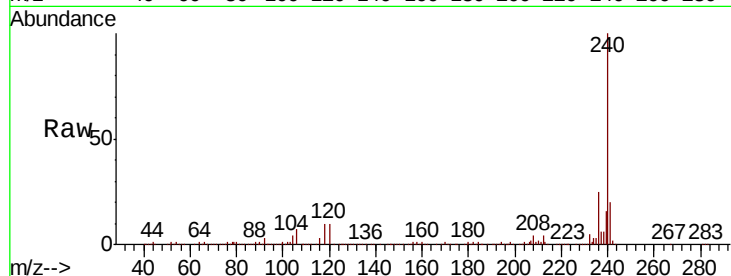




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

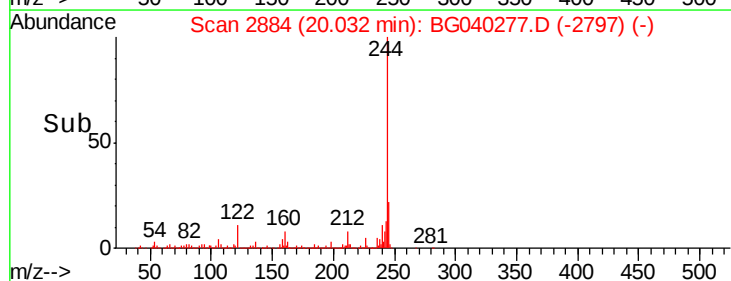
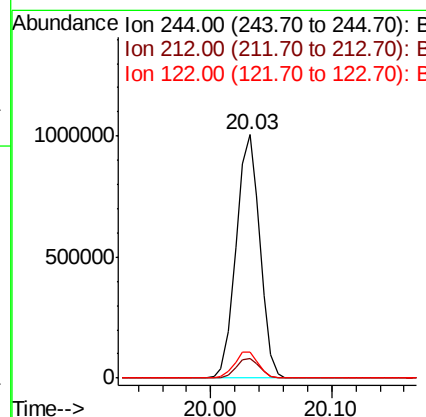
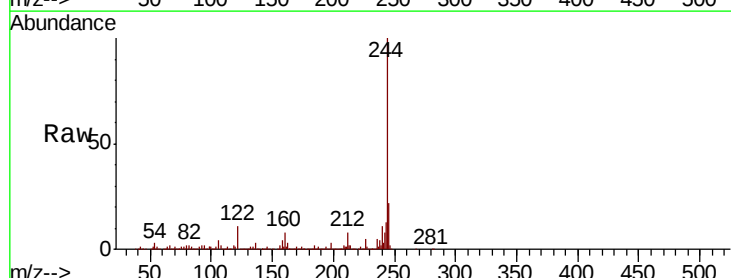
Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

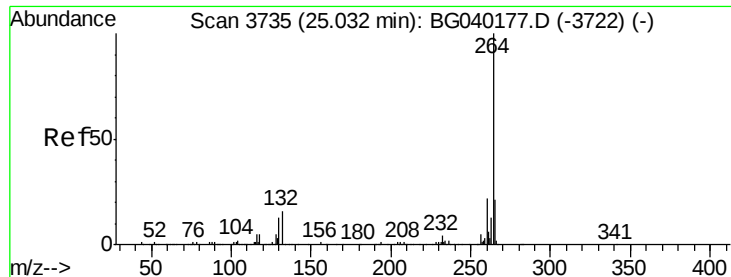
Tgt Ion:240 Resp: 446990
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 68.940 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

Tgt Ion:244 Resp: 1369787
Ion Ratio Lower Upper
244 100
212 8.2 7.0 10.6
122 10.7 8.5 12.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040277.D

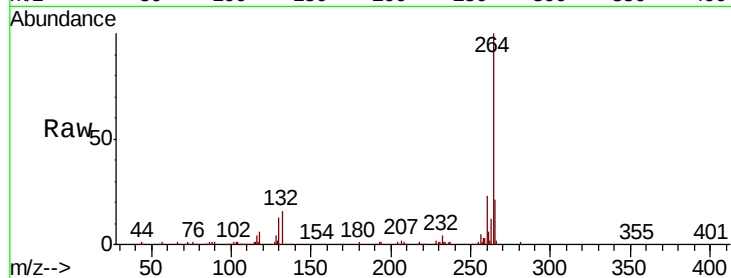
Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK



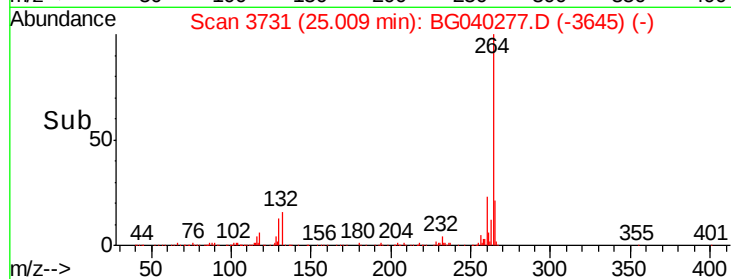
Tgt Ion: 264 Resp: 447784

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

265 21.1 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

