

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040279.D
 Acq On : 2 Apr 2019 00:15
 Operator : JU/SJ
 Sample : K2115-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25D-GW

Quant Time: Apr 02 02:19:48 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

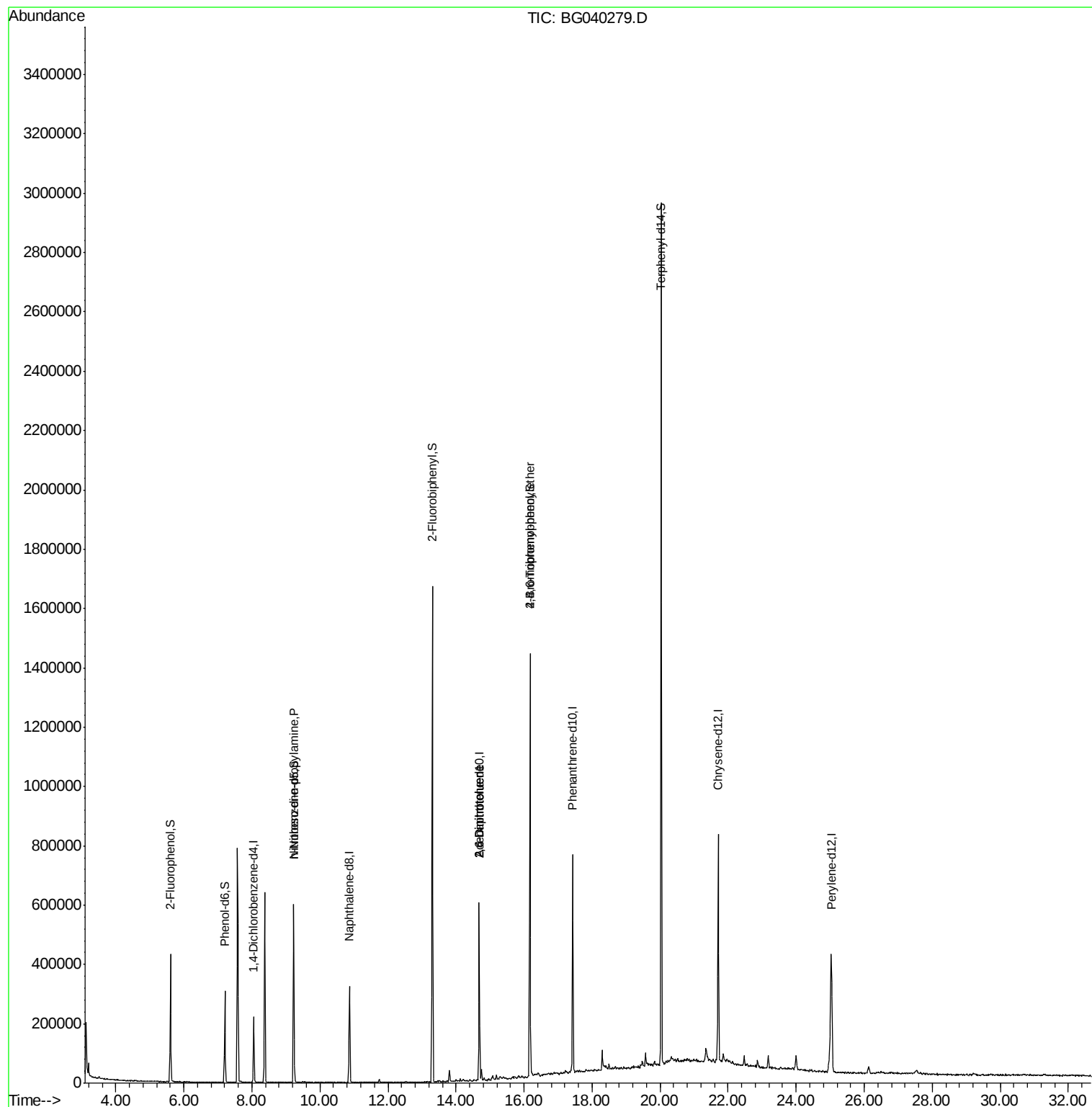
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62413	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	287826	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	200990	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	474810	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	464853	20.00	ng	-0.02
87) Perylene-d12	25.03	264	483827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	186888	49.78	ng	-0.01
7) Phenol-d6	7.20	99	183309	35.33	ng	-0.02
23) Nitrobenzene-d5	9.22	82	371120	68.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	256970	118.30	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	936737	69.06	ng	-0.02
79) Terphenyl-d14	20.03	244	1310967	63.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46911	12.610	ng	# 69
51) 2,6-Dinitrotoluene	14.68	165	25318	7.168	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	25318	5.159	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	19767	3.699	ng	# 1

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

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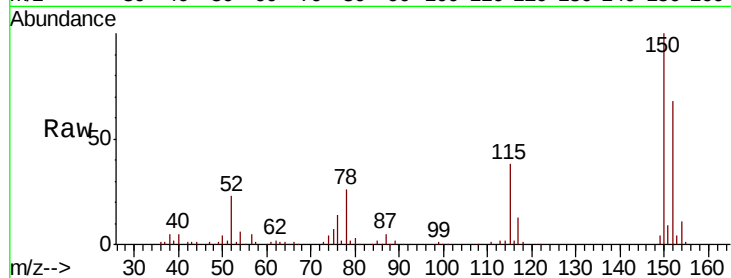


#1

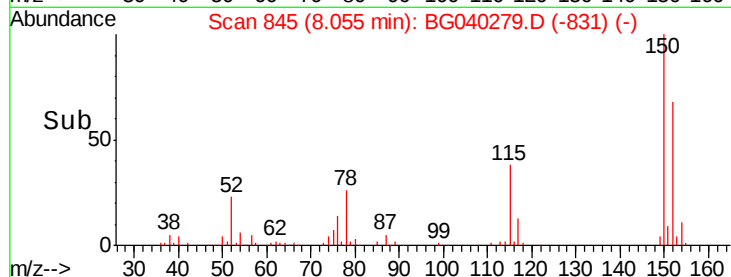
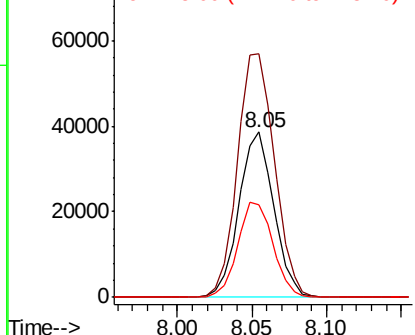
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040279.D
Acq: 2 Apr 2019 00:15

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25D-GW

Tgt Ion:152 Resp: 62413
Ion Ratio Lower Upper
152 100
150 147.1 123.7 185.5
115 55.6 46.9 70.3



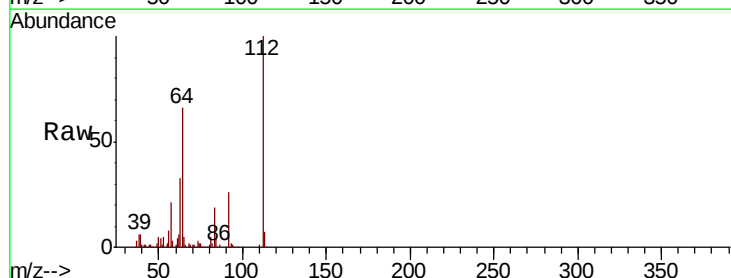
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



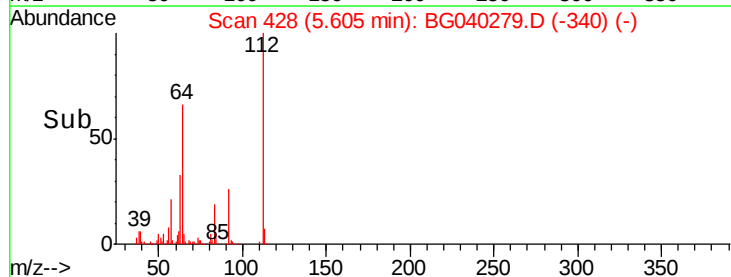
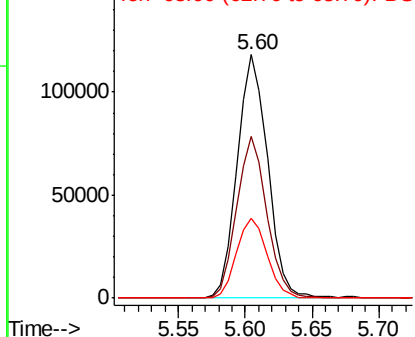
#5

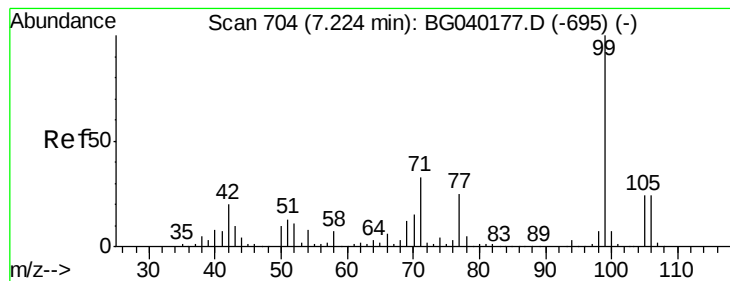
2-Fluorophenol
Concen: 49.779 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040279.D
Acq: 2 Apr 2019 00:15

Tgt Ion:112 Resp: 186888
Ion Ratio Lower Upper
112 100
64 66.3 54.2 81.2
63 32.9 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: 35.329 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040279.D

Acq: 2 Apr 2019 00:15

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

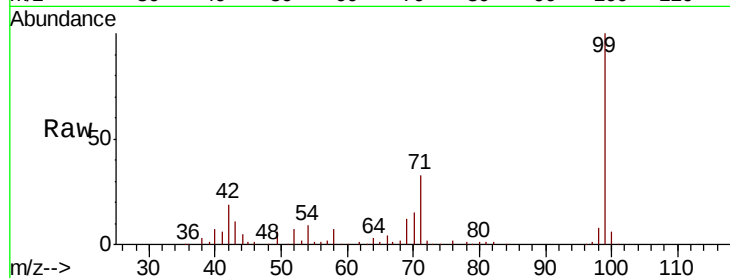
Tgt Ion: 99 Resp: 183309

Ion Ratio Lower Upper

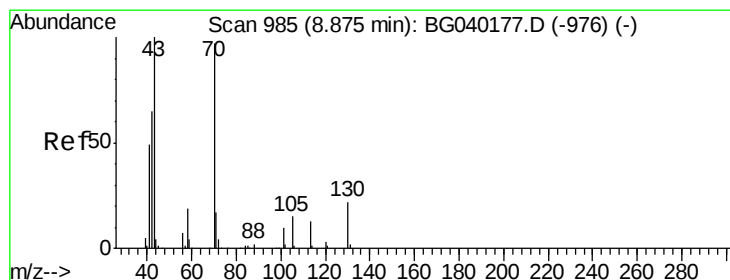
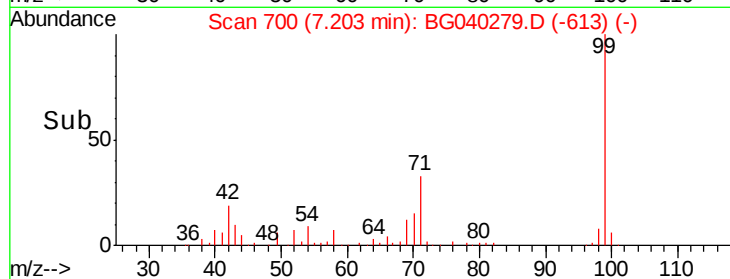
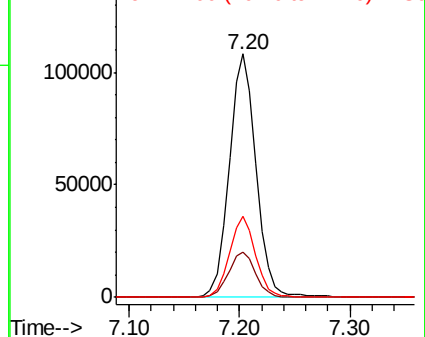
99 100

42 18.8 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: 12.610 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040279.D

Acq: 2 Apr 2019 00:15

Tgt Ion: 70 Resp: 46911

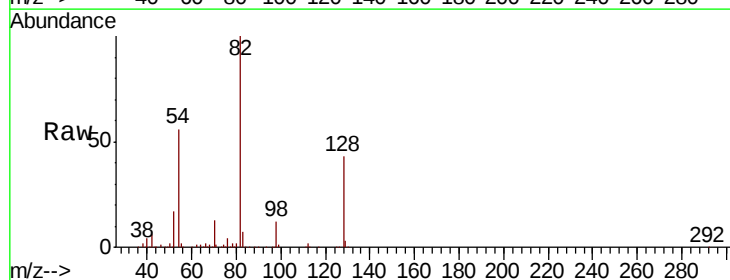
Ion Ratio Lower Upper

70 100

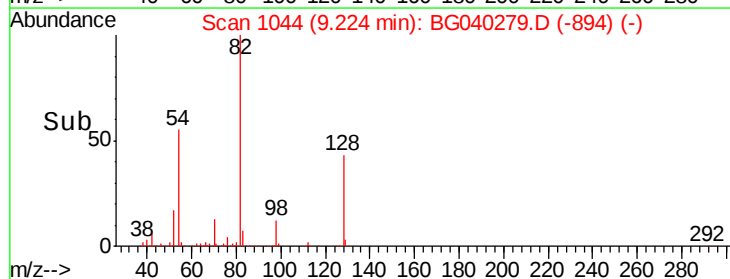
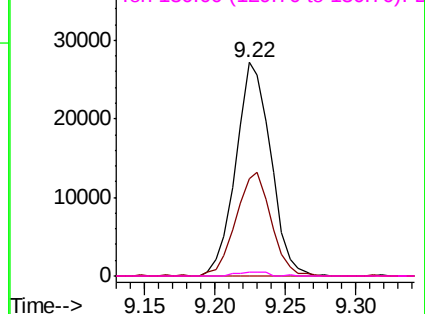
42 45.3 54.0 81.0#

101 0.0 8.6 13.0#

130 2.0 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

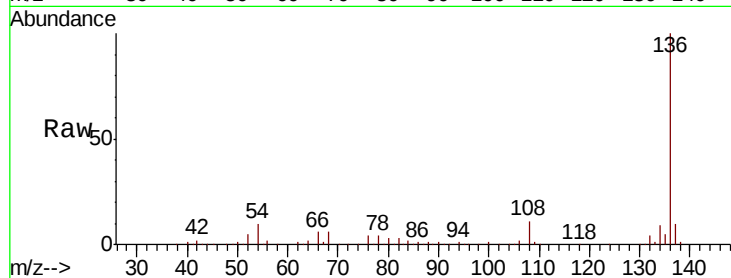




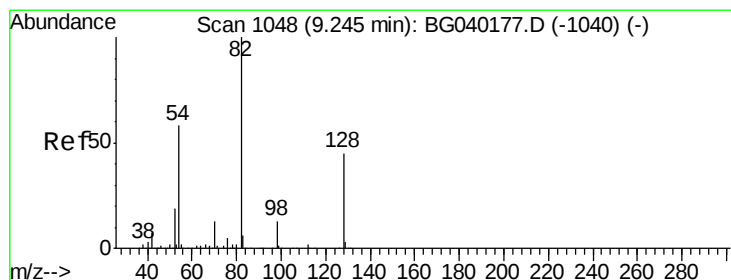
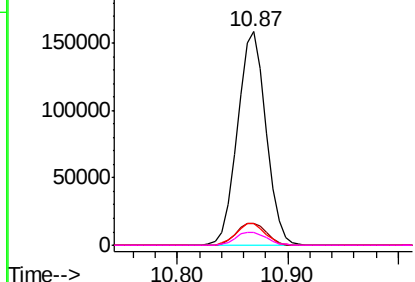
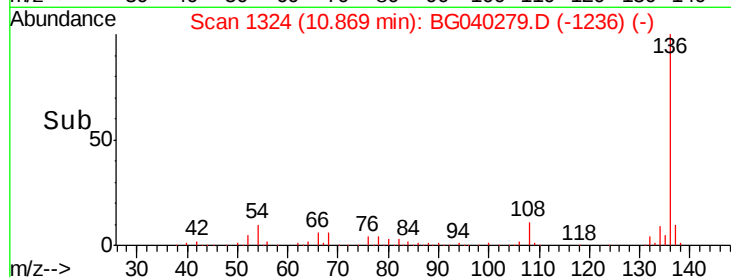
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040279.D
Acq: 2 Apr 2019 00:15

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25D-GW

Tgt Ion:	136	Resp:	287826
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	10.1	9.6	14.4
68	6.2	5.1	7.7

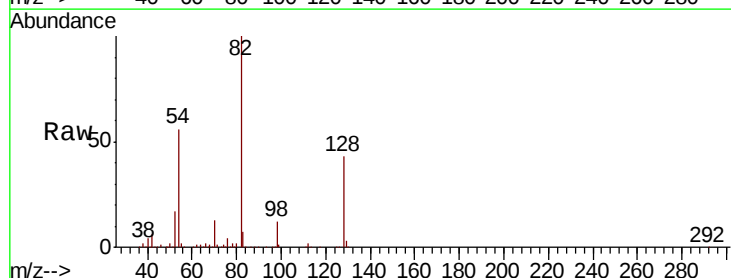


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

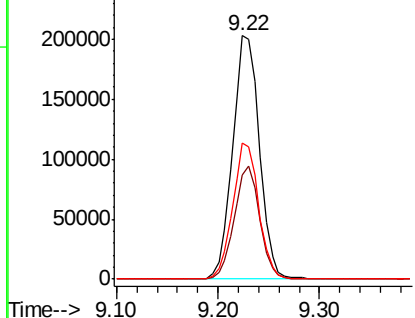
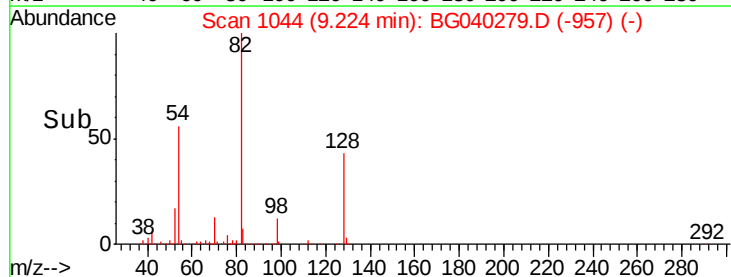


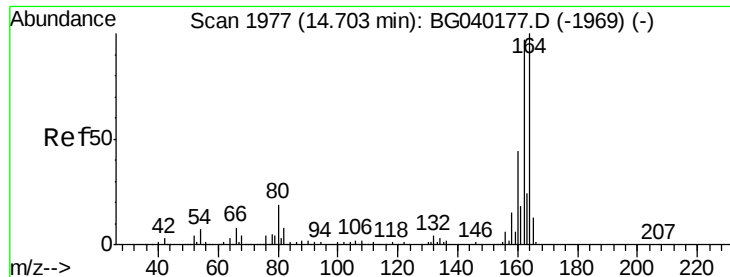
#23
Nitrobenzene-d5
Concen: 68.535 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040279.D
Acq: 2 Apr 2019 00:15

Tgt Ion:	82	Resp:	371120
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.8	53.8
54	55.7	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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: BG040279.D

Acq: 2 Apr 2019 00:15

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

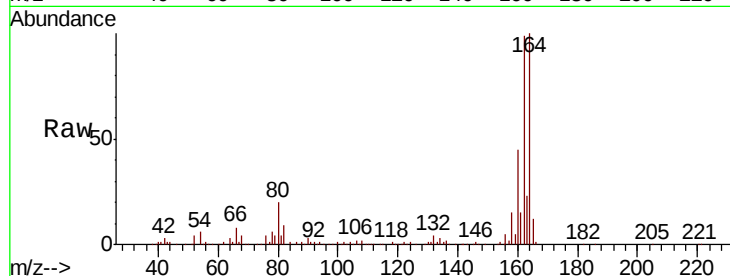
Tgt Ion:164 Resp: 200990

Ion Ratio Lower Upper

164 100

162 99.0 77.4 116.2

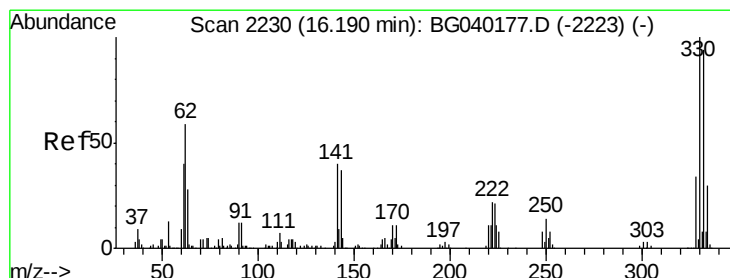
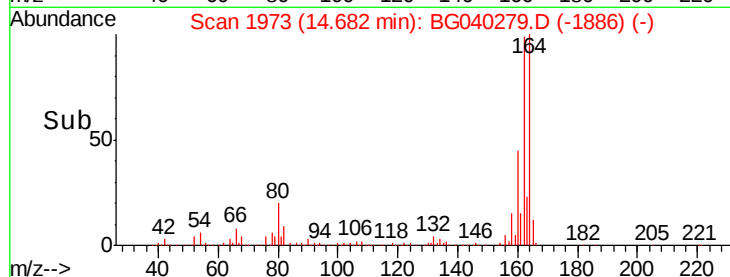
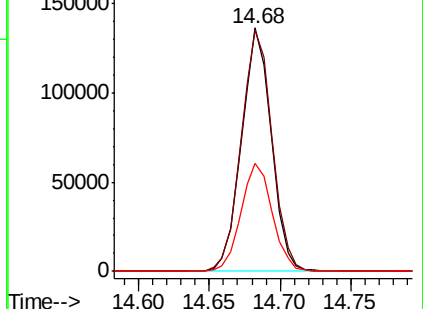
160 44.5 35.3 52.9



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: 118.301 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040279.D

Acq: 2 Apr 2019 00:15

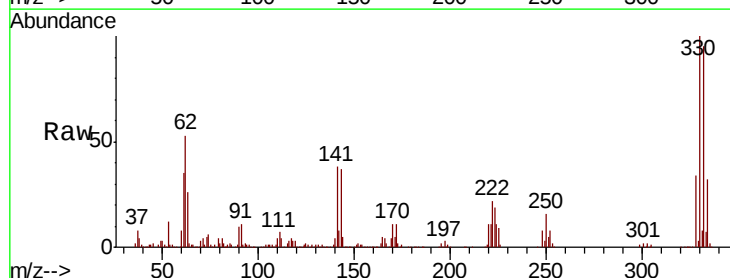
Tgt Ion:330 Resp: 256970

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

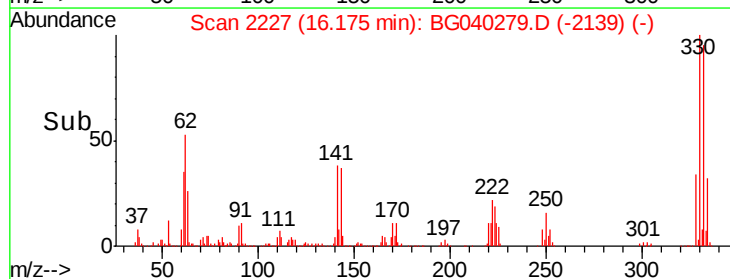
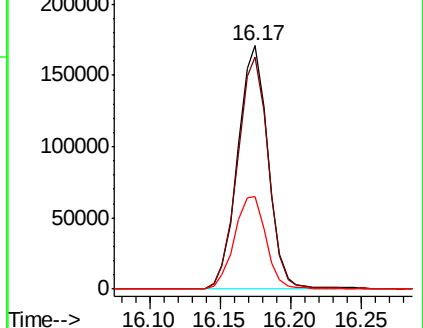
141 40.1 32.6 48.8



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

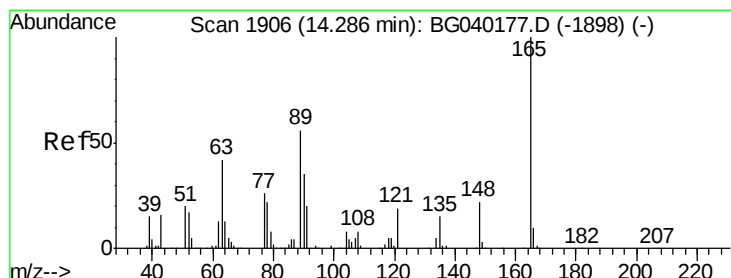
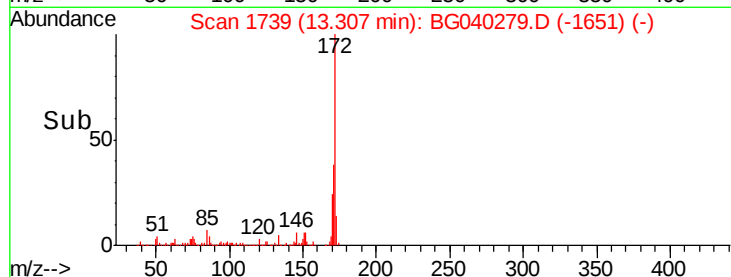
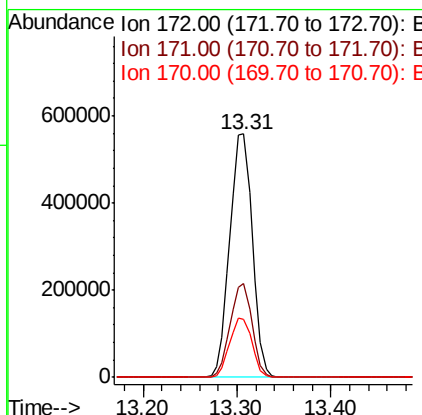
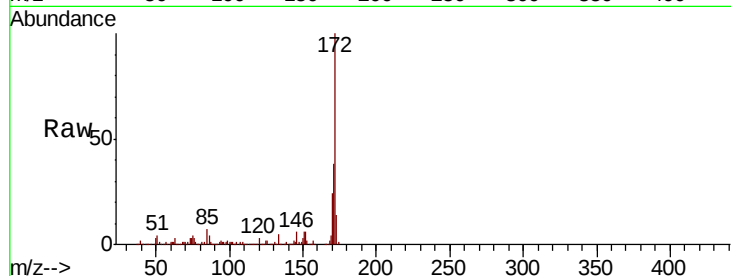




#45
 2-Fluorobiphenyl
 Concen: 69.059 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040279.D
 Acq: 2 Apr 2019 00:15

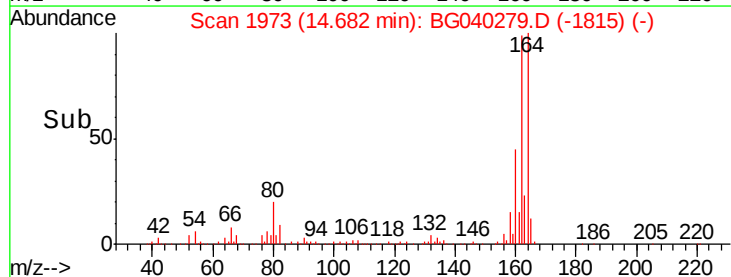
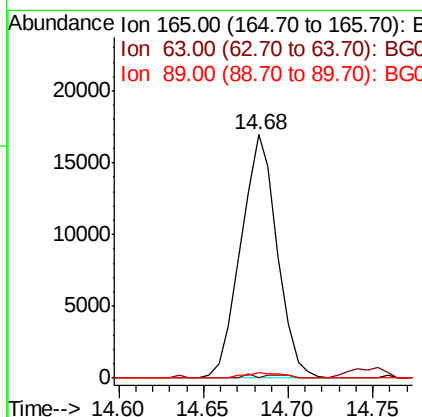
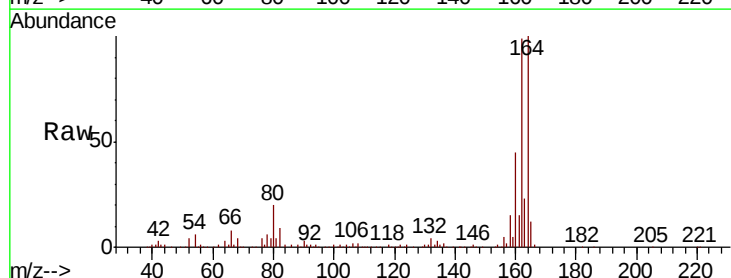
Instrument :
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 QNWP8-MW25D-GW

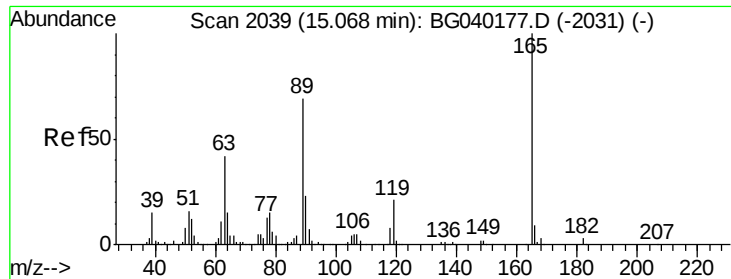
Tgt Ion:172 Resp: 936737
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.5 45.7
 170 24.0 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.168 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.40 min
 Lab File: BG040279.D
 Acq: 2 Apr 2019 00:15

Tgt Ion:165 Resp: 25318
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 2.1 44.9 67.3#

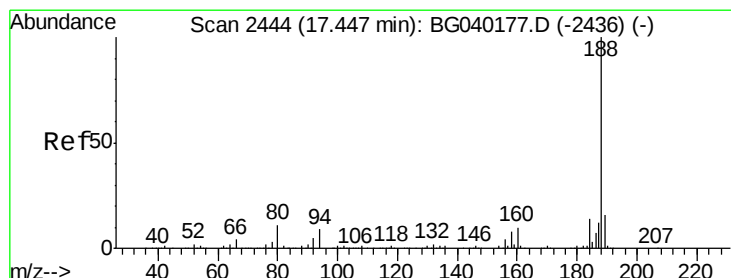
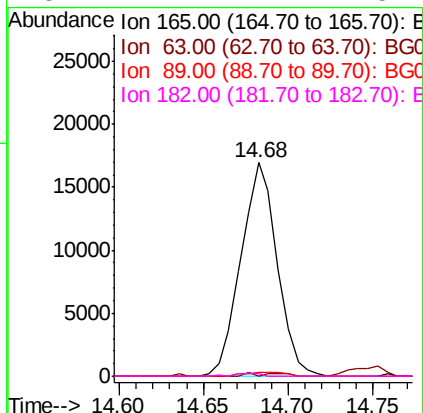
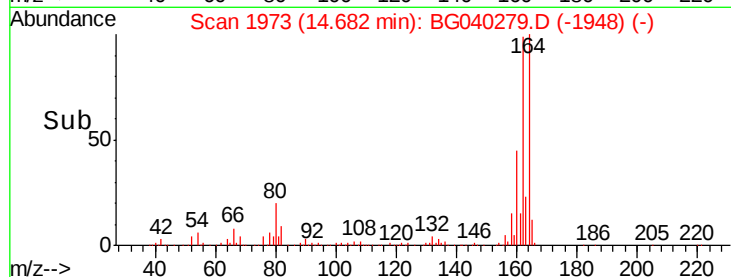
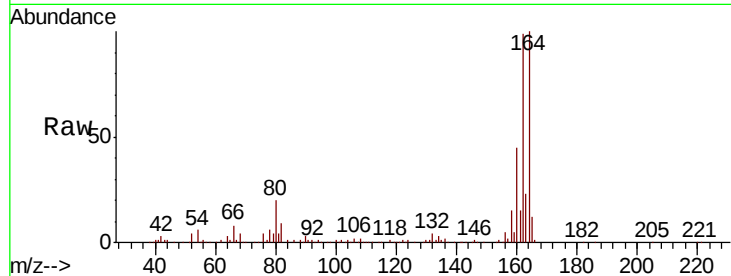




#57
 2,4-Dinitrotoluene
 Concen: 5.159 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040279.D
 Acq: 2 Apr 2019 00:15

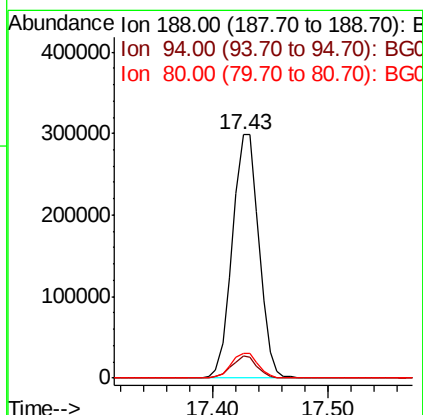
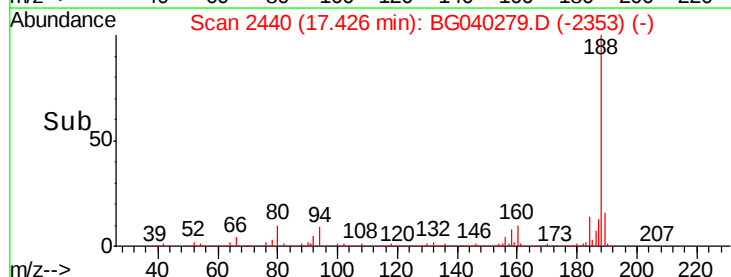
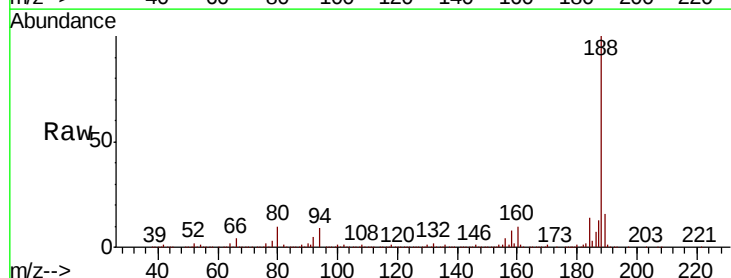
Instrument :
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 QNWP8-MW25D-GW

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.1	55.4	83.2#
182	1.2	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040279.D
 Acq: 2 Apr 2019 00:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.3	8.6	13.0

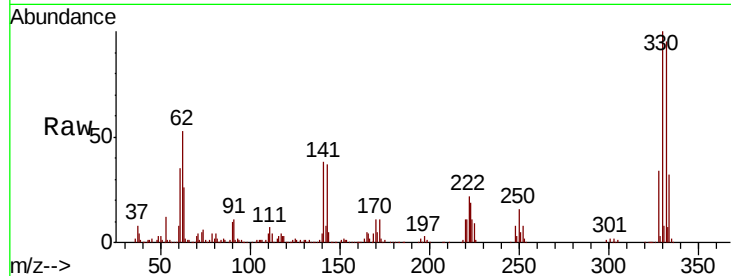




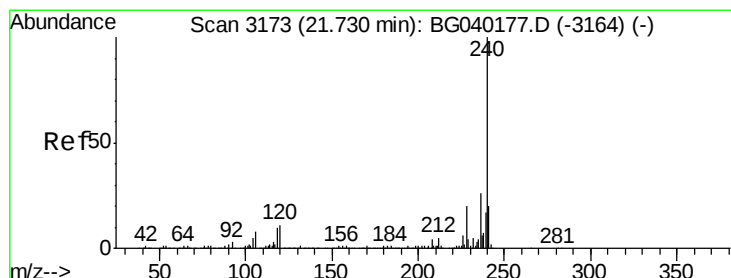
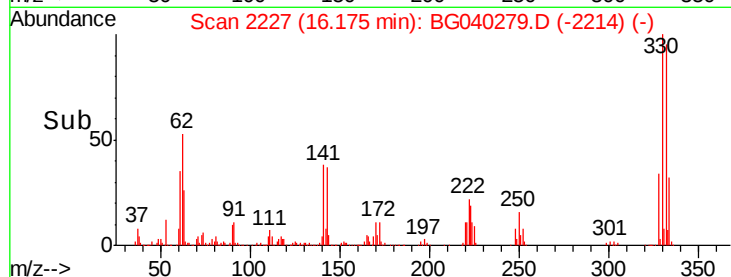
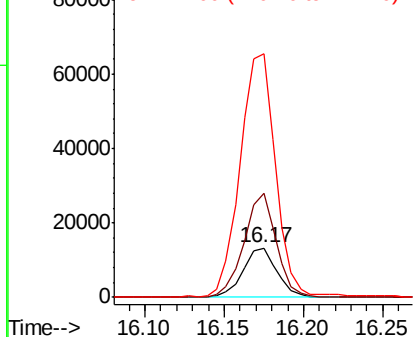
#67
 4-Bromophenyl-phenylether
 Concen: 3.699 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040279.D
 Acq: 2 Apr 2019 00:15

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25D-GW

Tgt Ion:248 Resp: 19767
 Ion Ratio Lower Upper
 248 100
 250 208.8 76.4 114.6#
 141 490.0 53.8 80.8#

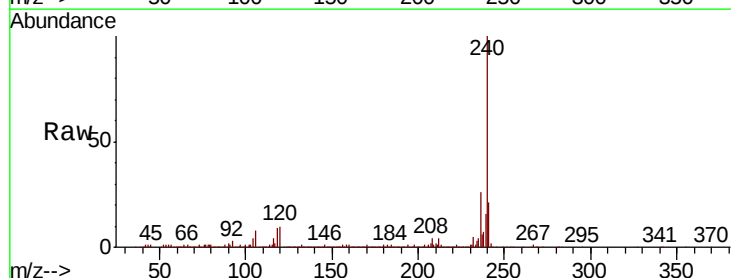


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

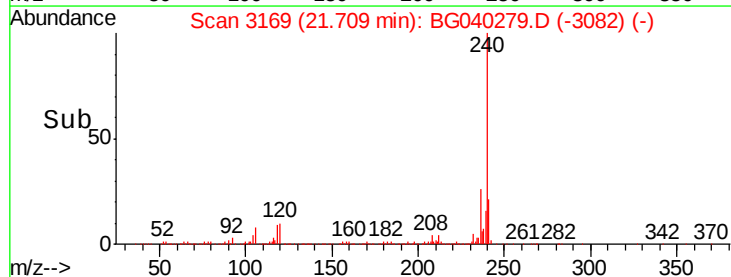
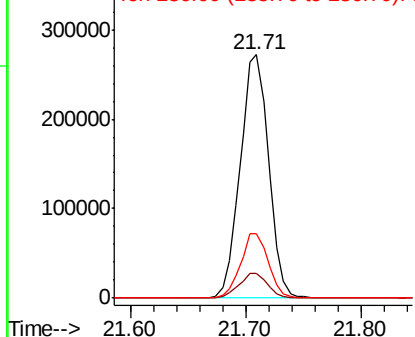


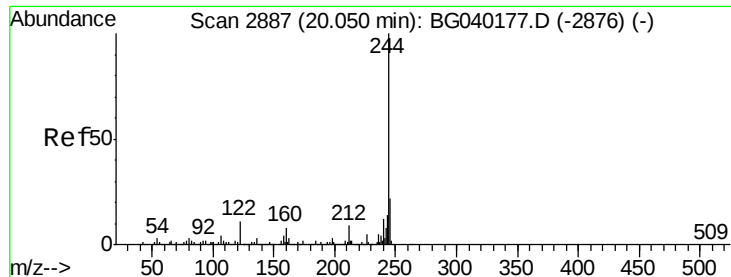
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040279.D
 Acq: 2 Apr 2019 00:15

Tgt Ion:240 Resp: 464853
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.3 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: 63.444 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040279.D

Acq: 2 Apr 2019 00:15

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

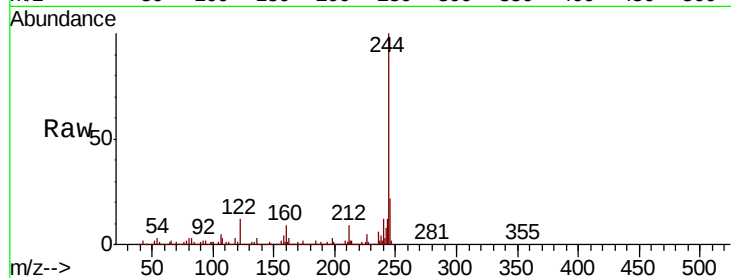
Tgt Ion:244 Resp: 1310967

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

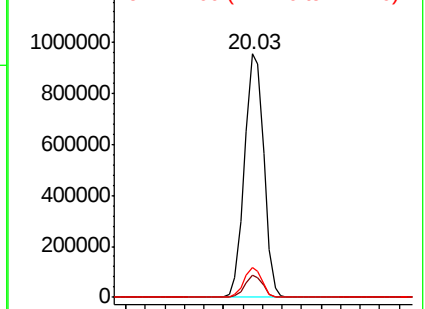
122 12.0 8.5 12.7



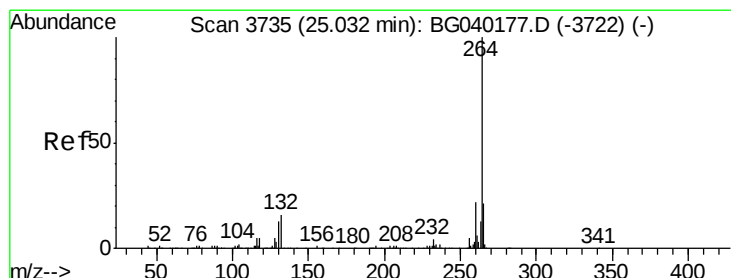
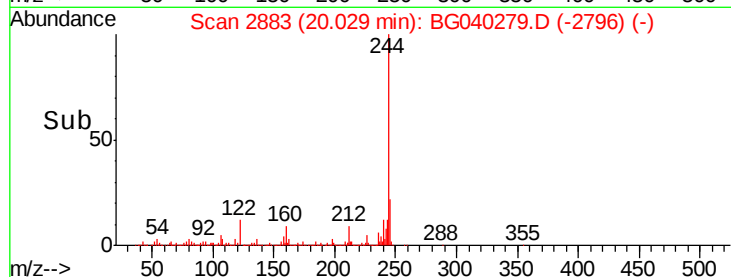
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.03 20.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG040279.D

Acq: 2 Apr 2019 00:15

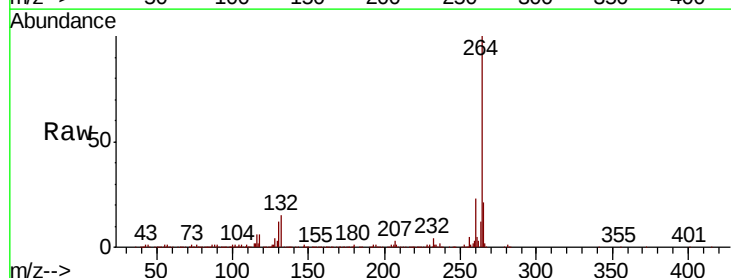
Tgt Ion:264 Resp: 483827

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

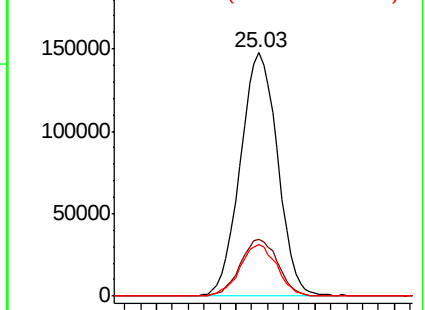
265 21.4 16.8 25.2



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



Time--> 24.90 25.03 25.10

