

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040278.D
 Acq On : 1 Apr 2019 23:36
 Operator : JU/SJ
 Sample : K2115-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25S-GW

Quant Time: Apr 02 02:19:40 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

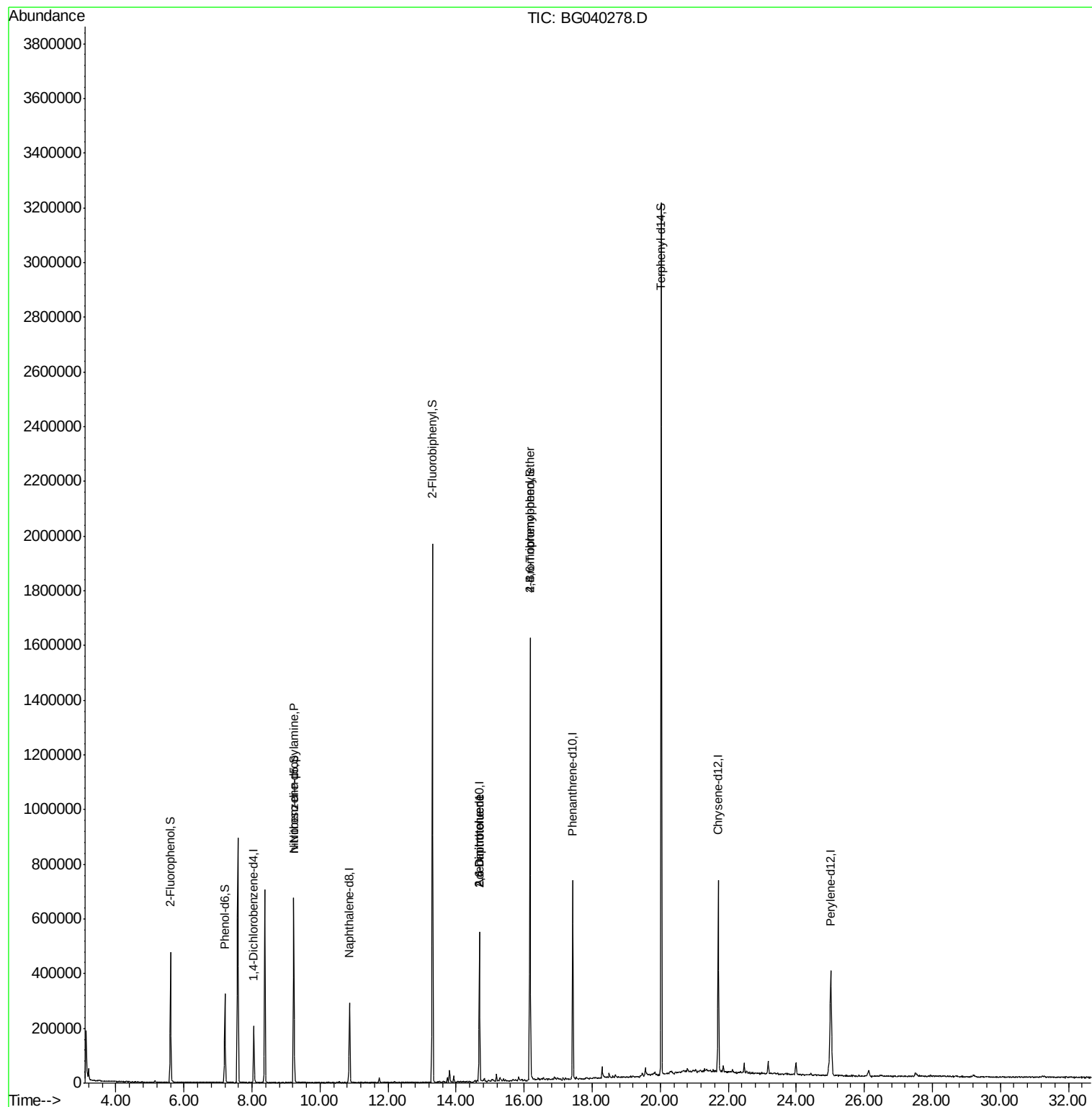
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57198	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	260659	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	182718	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	439031	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	425766	20.00	ng	-0.02
87) Perylene-d12	25.01	264	432822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	211456	61.46	ng	-0.02
7) Phenol-d6	7.20	99	198708	41.79	ng	-0.02
23) Nitrobenzene-d5	9.23	82	407112	83.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	287110	145.39	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1016321	82.42	ng	-0.02
79) Terphenyl-d14	20.03	244	1468879	77.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	51721	15.171	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	23627	7.358	ng	# 27
57) 2,4-Dinitrotoluene	14.69	165	23627	5.296	ng	# 27
67) 4-Bromophenyl-phenylether	16.17	248	21064	4.263	ng	# 1

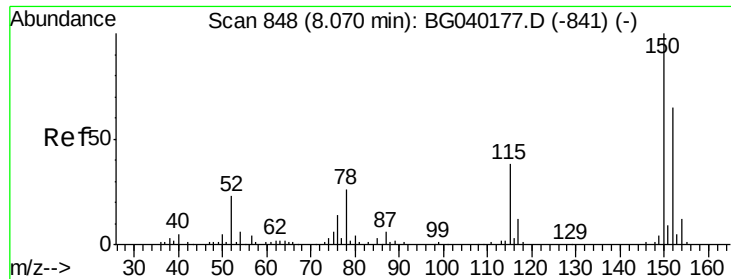
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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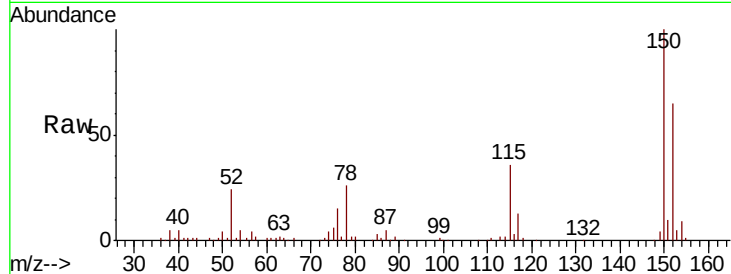


#1

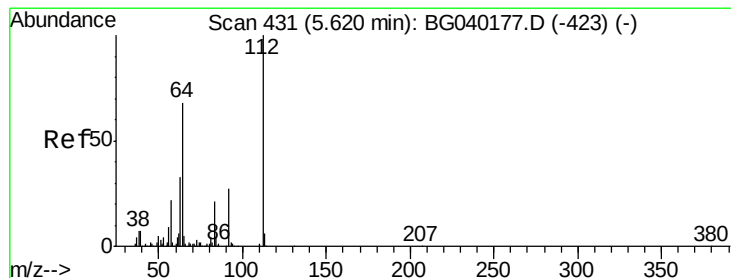
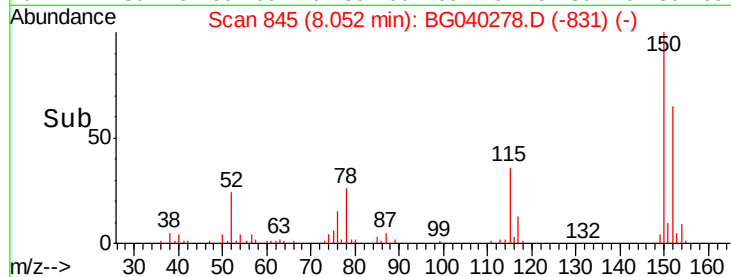
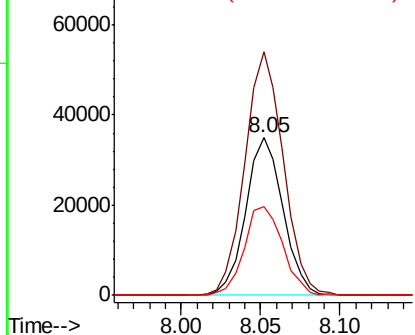
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040278.D
Acq: 1 Apr 2019 23:36

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25S-GW

Tgt Ion:152 Resp: 57198
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 56.4 46.9 70.3



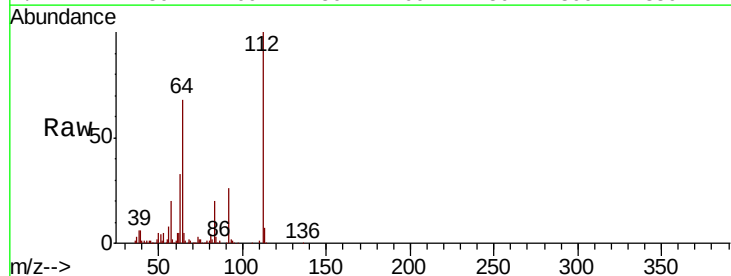
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



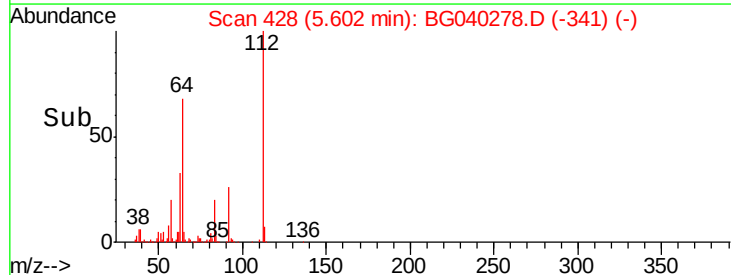
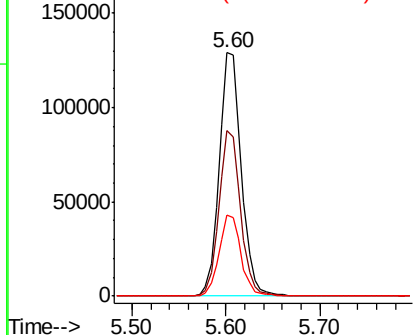
#5

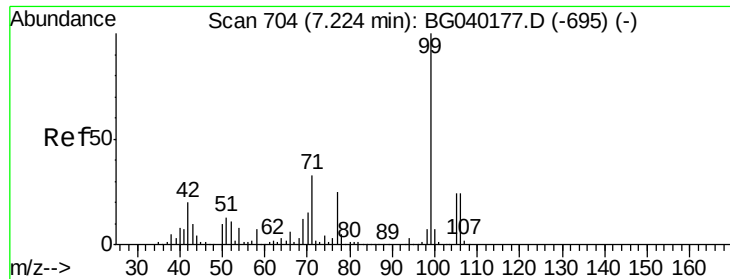
2-Fluorophenol
Concen: 61.458 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040278.D
Acq: 1 Apr 2019 23:36

Tgt Ion:112 Resp: 211456
Ion Ratio Lower Upper
112 100
64 67.8 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 41.789 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

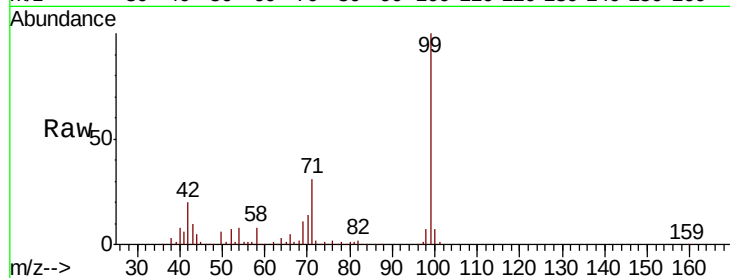
Tgt Ion: 99 Resp: 198708

Ion Ratio Lower Upper

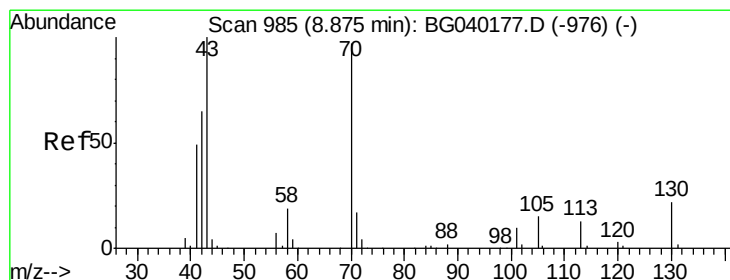
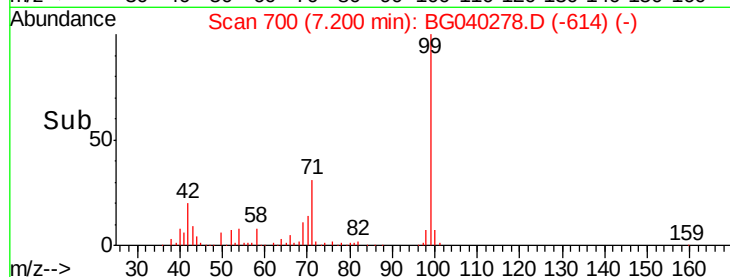
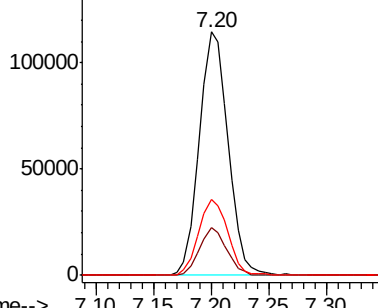
99 100

42 19.7 16.2 24.2

71 31.2 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: 15.171 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Tgt Ion: 70 Resp: 51721

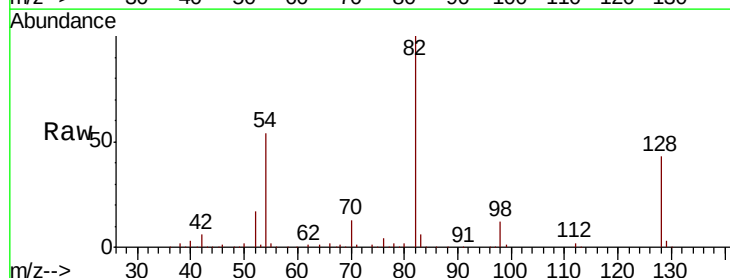
Ion Ratio Lower Upper

70 100

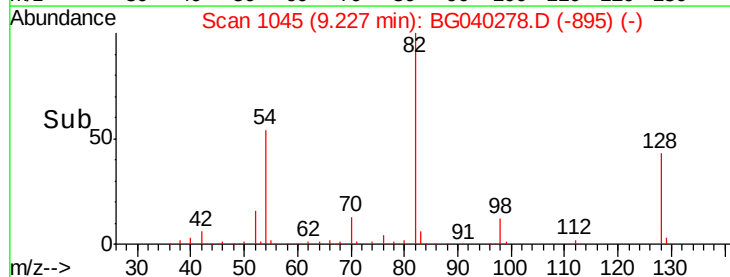
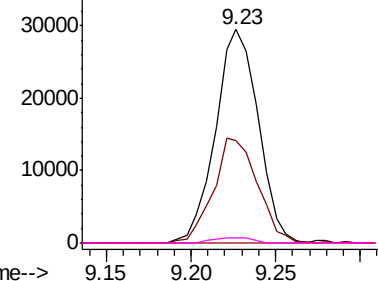
42 48.2 54.0 81.0#

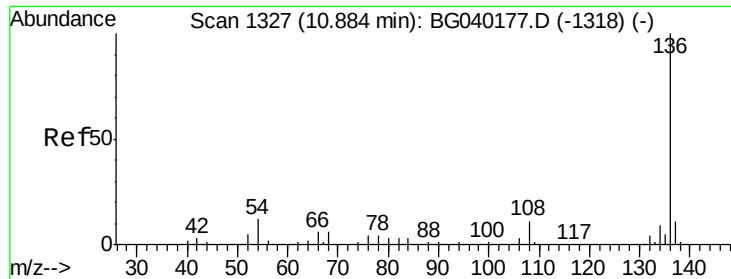
101 0.0 8.6 13.0#

130 2.5 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

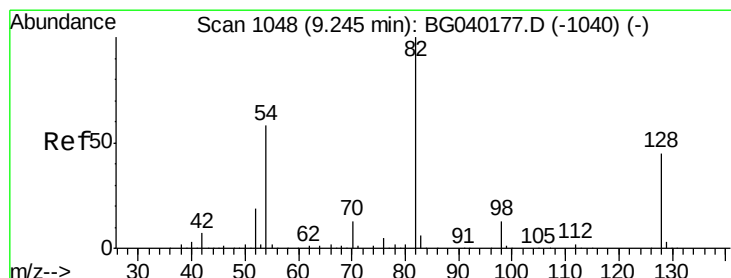
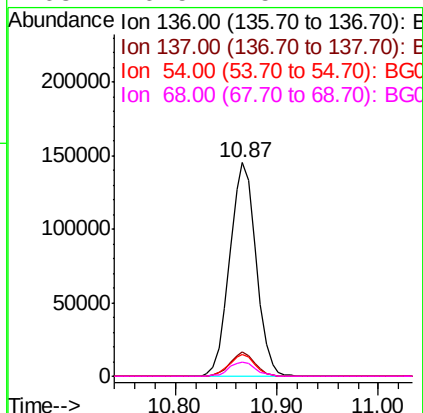
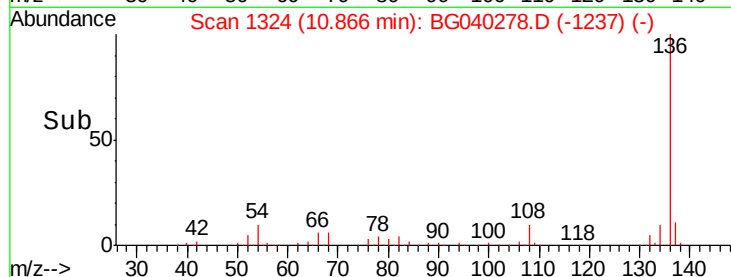
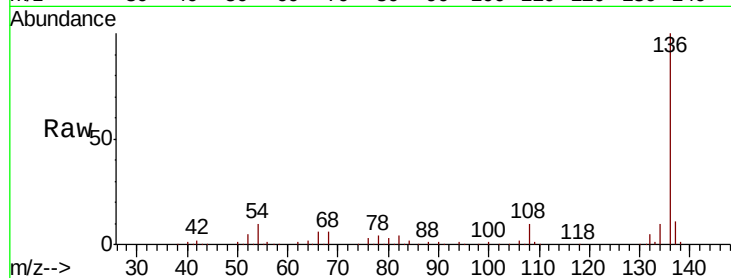




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040278.D
Acq: 1 Apr 2019 23:36

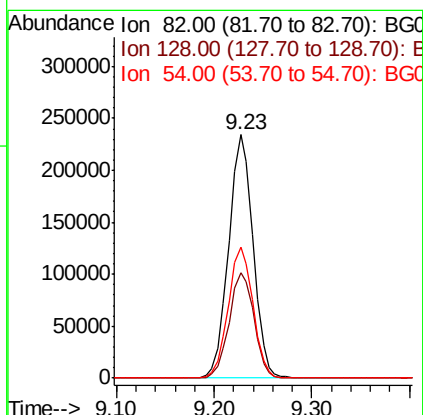
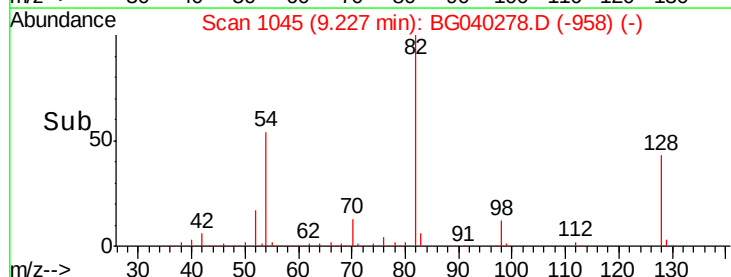
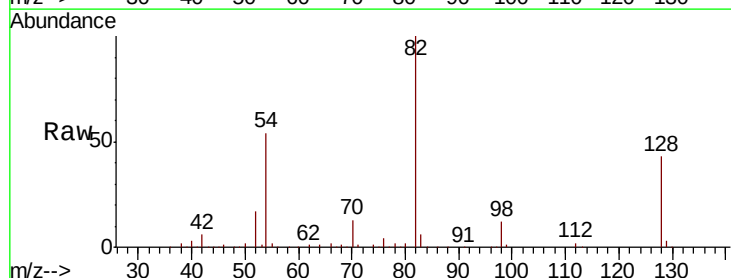
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25S-GW

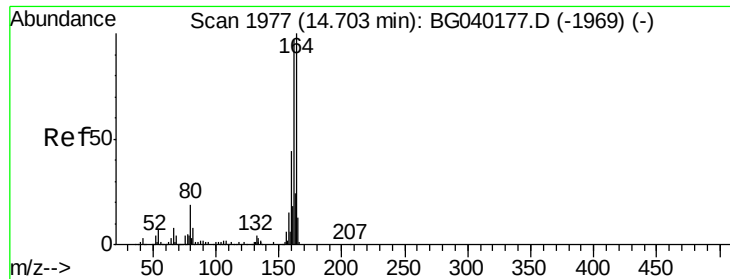
Tgt Ion:	136	Resp:	260659
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.3	9.6	14.4
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 83.018 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040278.D
Acq: 1 Apr 2019 23:36

Tgt Ion:	82	Resp:	407112
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.8	53.8
54	53.7	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

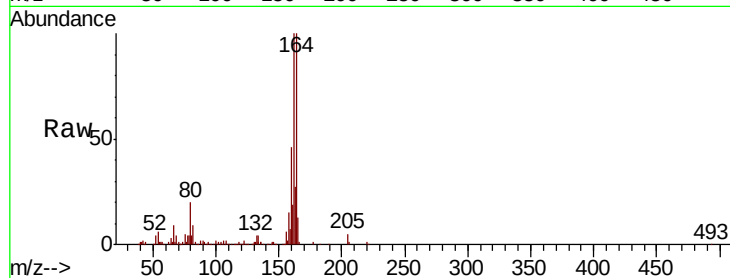
Tgt Ion:164 Resp: 182718

Ion Ratio Lower Upper

164 100

162 100.4 77.4 116.2

160 45.9 35.3 52.9

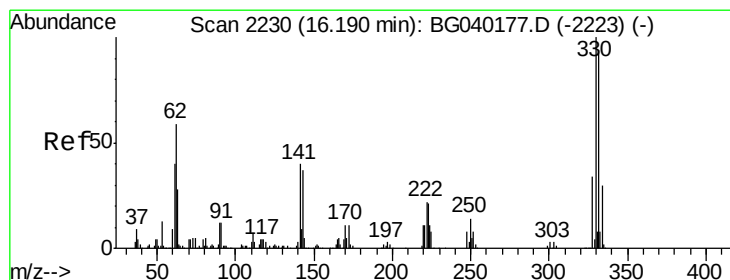
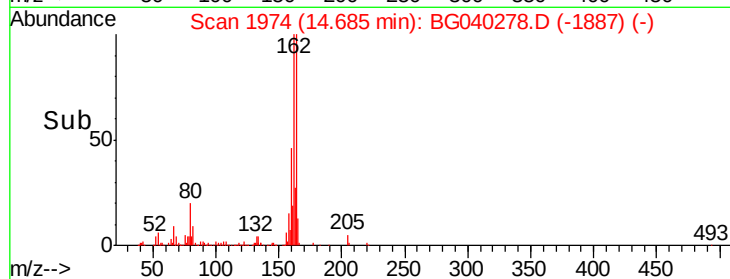
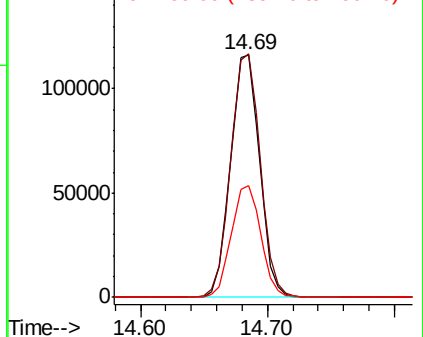


Abundance

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: 145.394 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

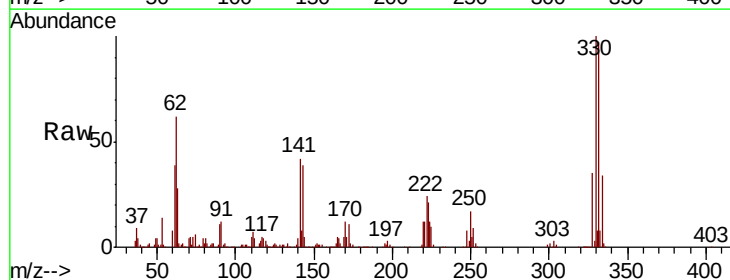
Tgt Ion:330 Resp: 287110

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 40.0 32.6 48.8

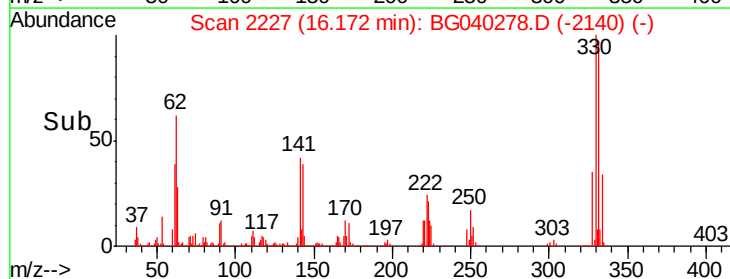
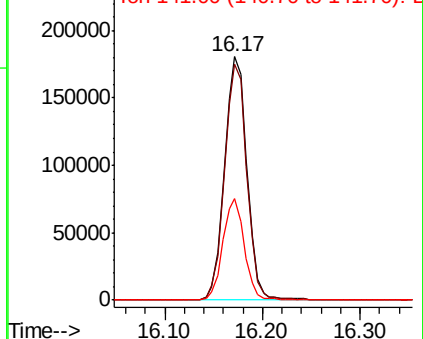


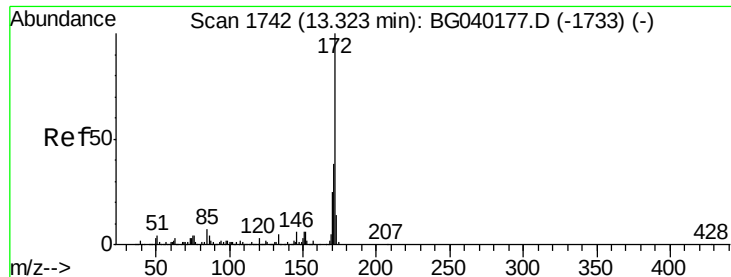
Abundance

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: 82.419 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

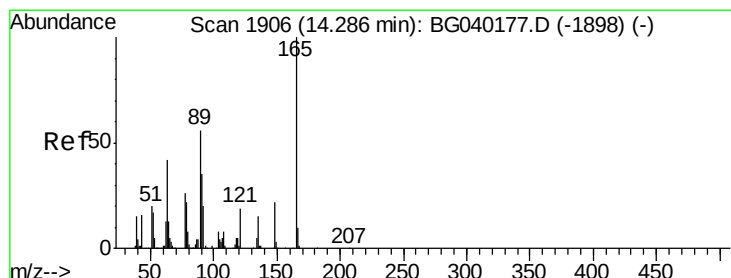
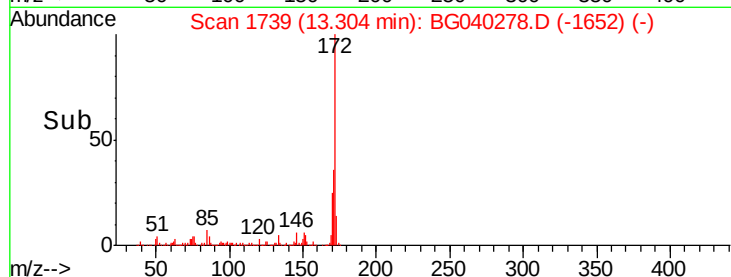
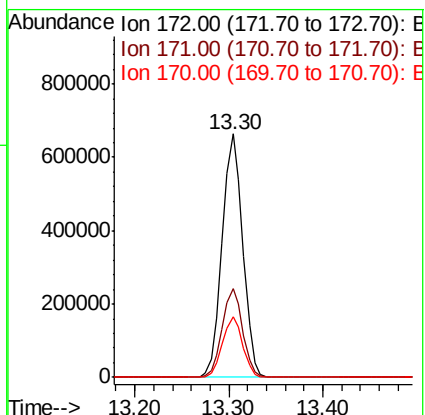
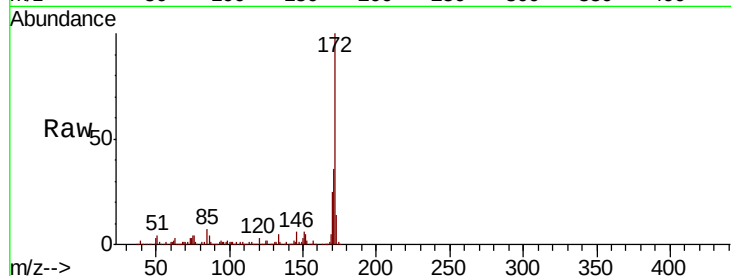
Tgt Ion:172 Resp: 1016321

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 24.7 20.1 30.1



#51

2,6-Dinitrotoluene

Concen: 7.358 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

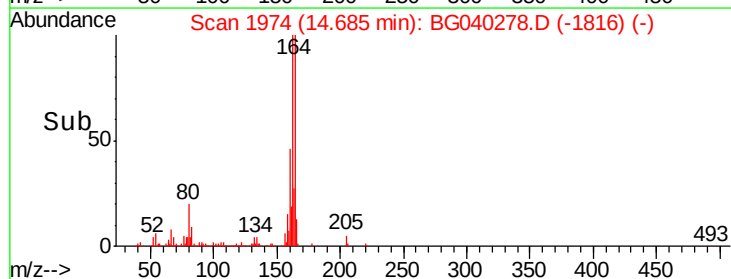
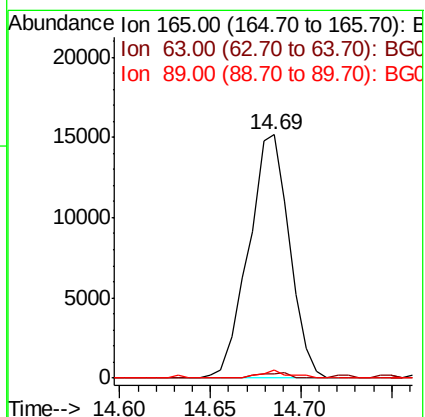
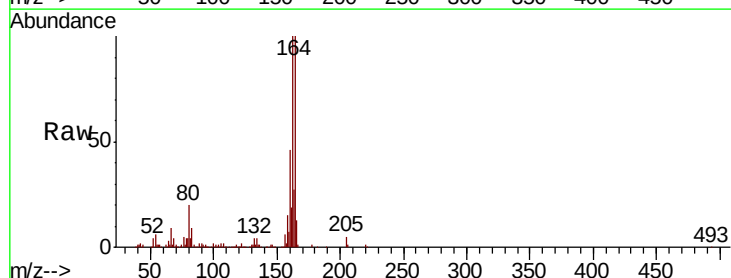
Tgt Ion:165 Resp: 23627

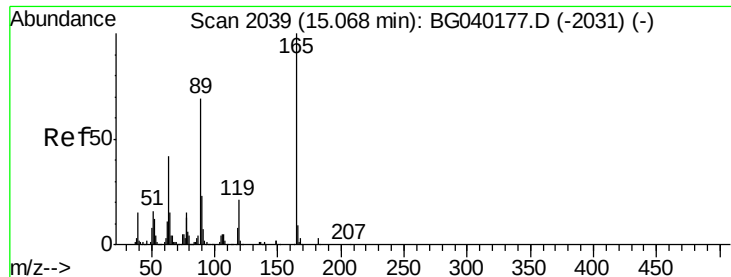
Ion Ratio Lower Upper

165 100

63 1.7 44.1 66.1#

89 3.3 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.296 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.38 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

Tgt Ion:165 Resp: 23627

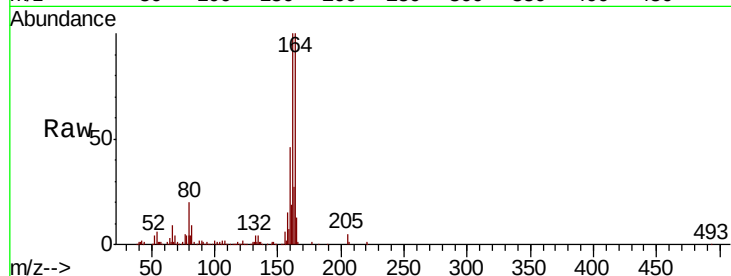
Ion Ratio Lower Upper

165 100

63 1.7 33.8 50.6#

89 3.3 55.4 83.2#

182 1.1 2.2 3.4#

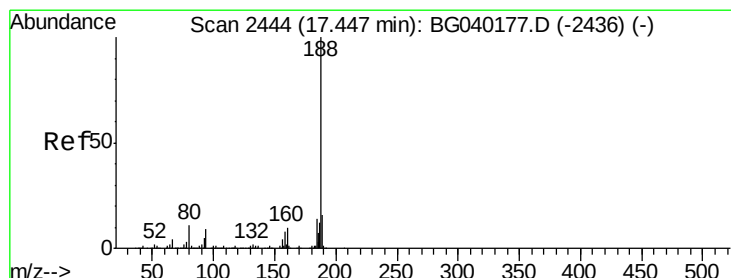
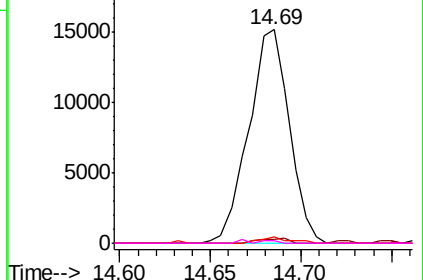
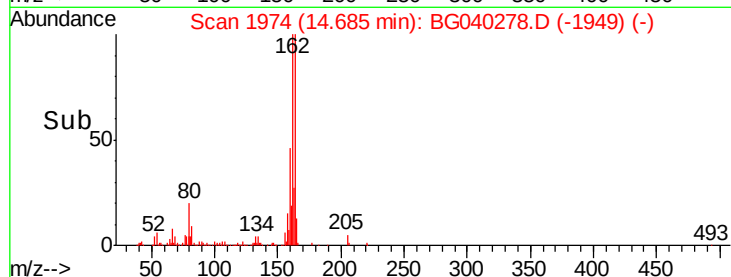


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG040278.D

Acq: 1 Apr 2019 23:36

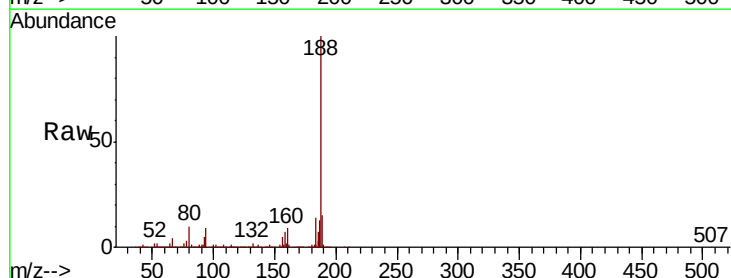
Tgt Ion:188 Resp: 439031

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

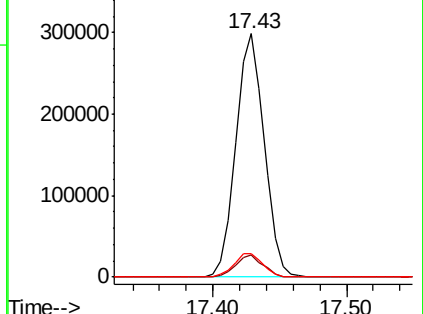
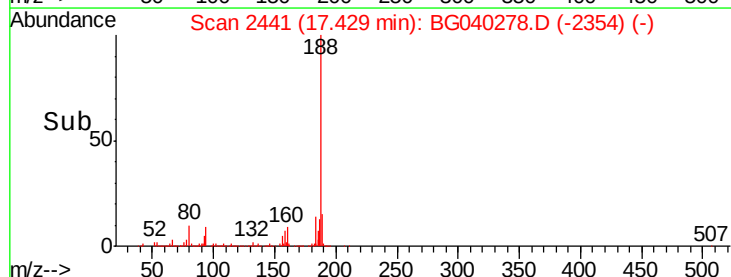
80 9.7 8.6 13.0

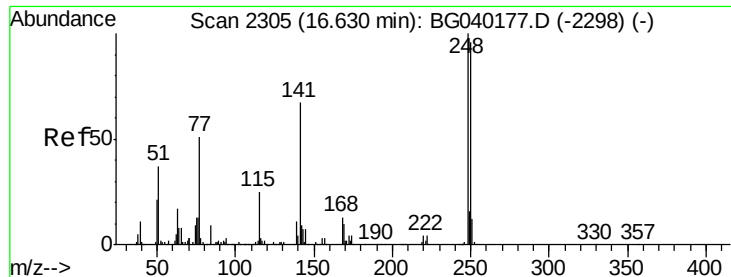


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

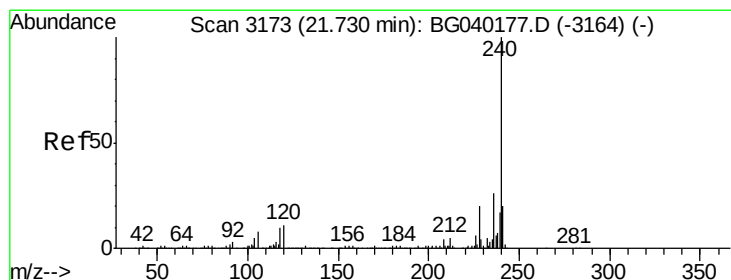
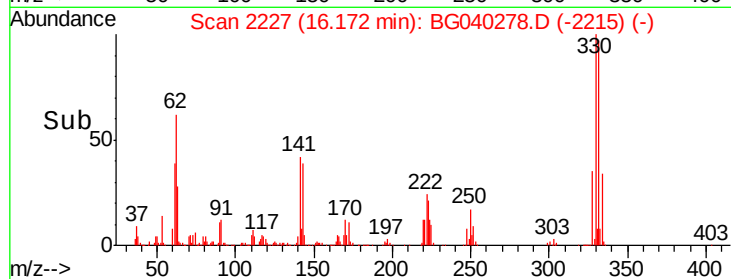
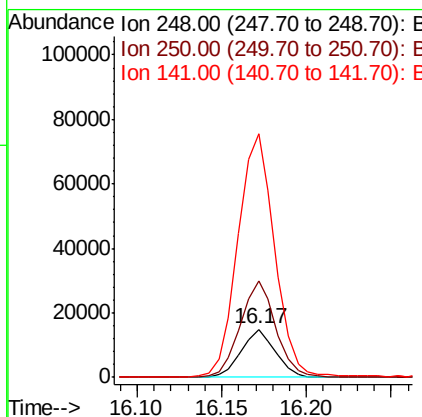
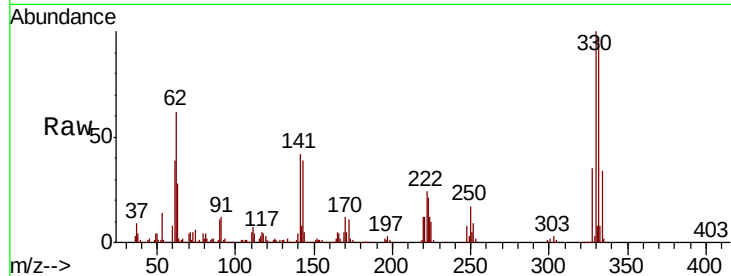




#67
 4-Bromophenyl-phenylether
 Concen: 4.263 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040278.D
 Acq: 1 Apr 2019 23:36

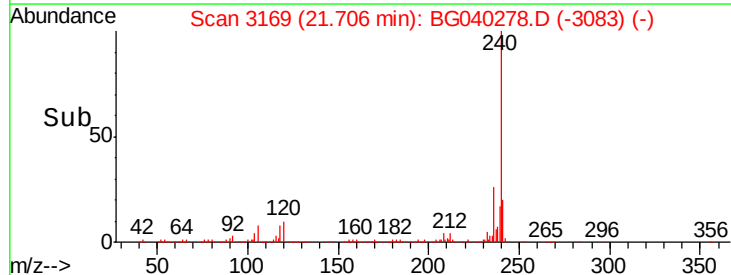
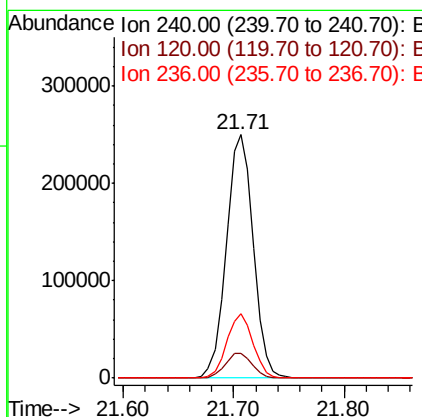
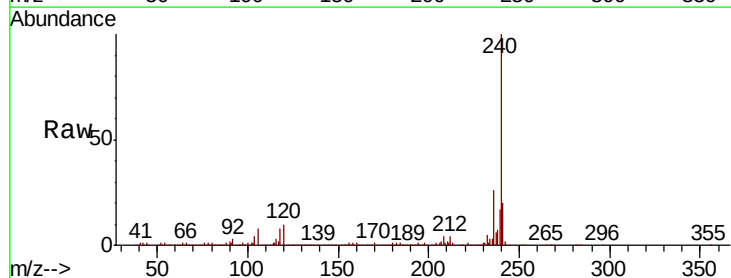
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25S-GW

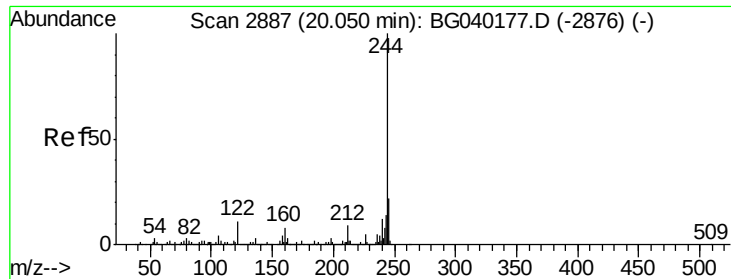
Tgt Ion:248 Resp: 21064
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.4 114.6#
 141 504.2 53.8 80.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040278.D
 Acq: 1 Apr 2019 23:36

Tgt Ion:240 Resp: 425766
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 77.612 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

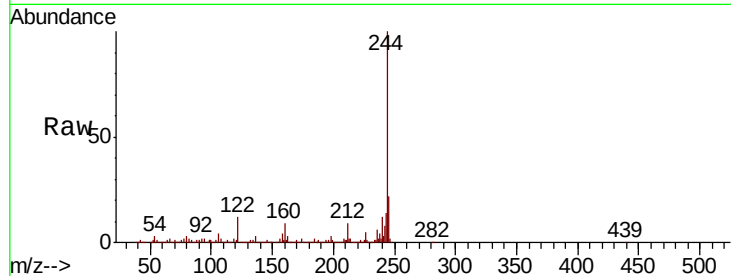
Tgt Ion:244 Resp: 1468879

Ion Ratio Lower Upper

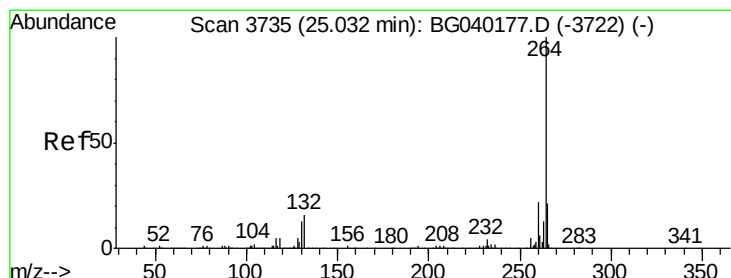
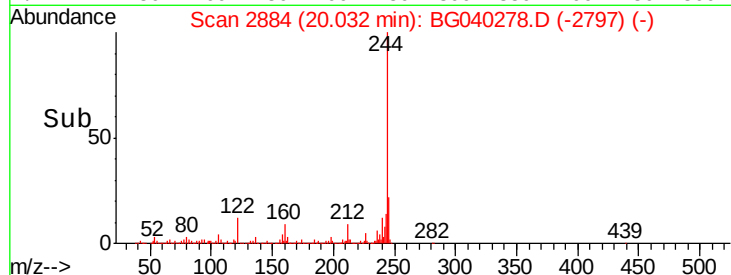
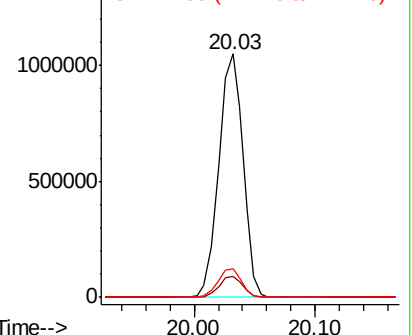
244 100

212 8.6 7.0 10.6

122 11.9 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: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

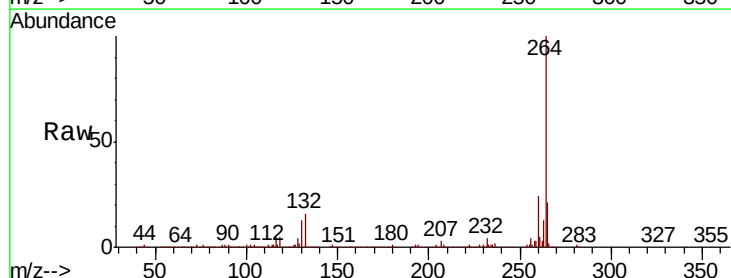
Tgt Ion:264 Resp: 432822

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 21.0 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

