

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040276.D
 Acq On : 1 Apr 2019 22:17
 Operator : JU/SJ
 Sample : K2115-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

Quant Time: Apr 02 02:19:22 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

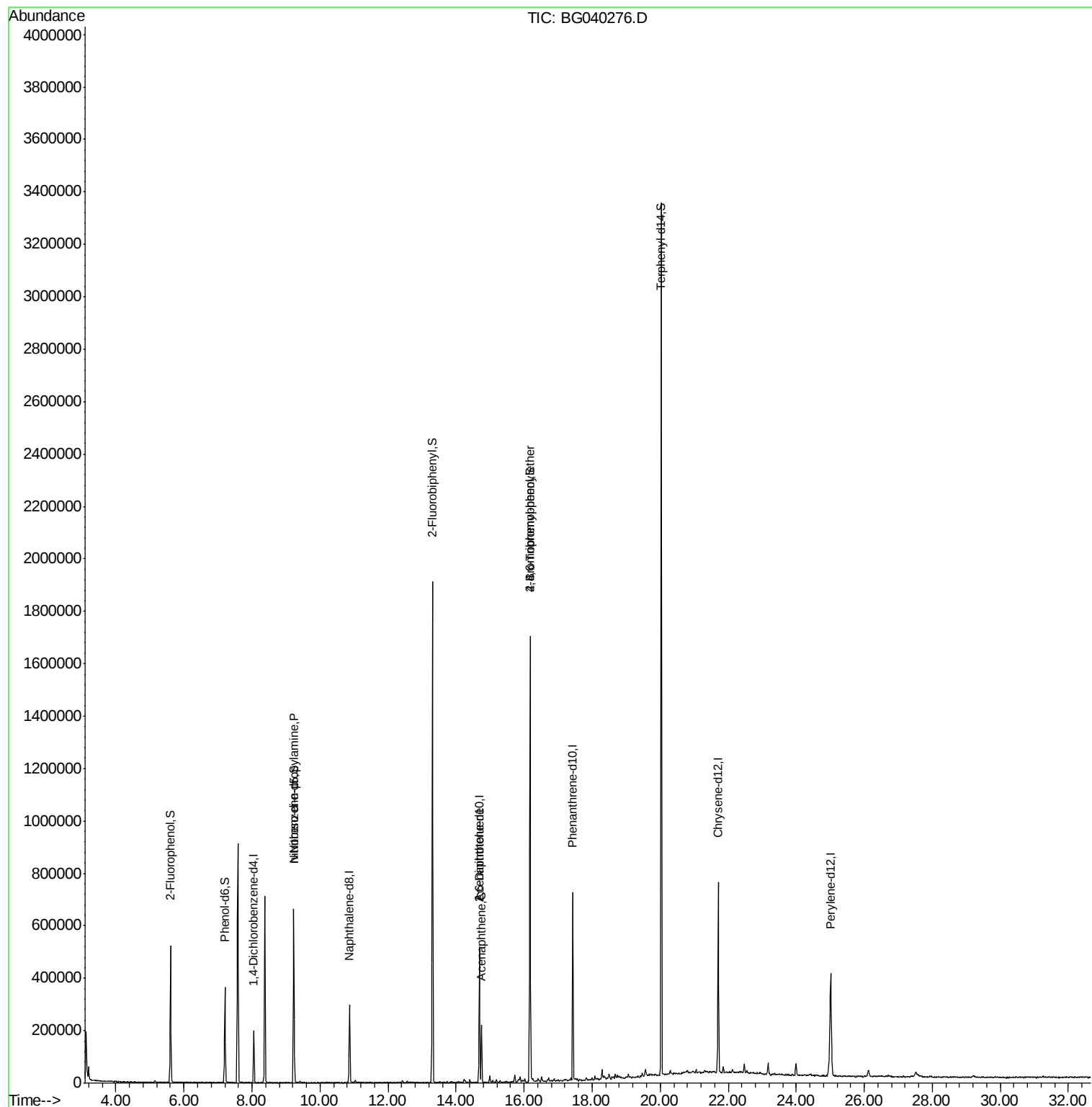
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56557	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	249714	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	176971	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	438364	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	426165	20.00	ng	-0.02
87) Perylene-d12	25.01	264	430930	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	236282	69.45	ng	-0.02
7) Phenol-d6	7.20	99	222736	47.37	ng	-0.02
23) Nitrobenzene-d5	9.23	82	404593	86.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	305751	159.86	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1006612	84.28	ng	-0.02
79) Terphenyl-d14	20.03	244	1527958	80.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	51372	15.239	ng	# 70
51) 2,6-Dinitrotoluene	14.69	165	23247	7.475	ng	# 26
52) Acenaphthene	14.74	154	79618	7.641	ng	98
67) 4-Bromophenyl-phenylether	16.17	248	22673	4.596	ng	# 1

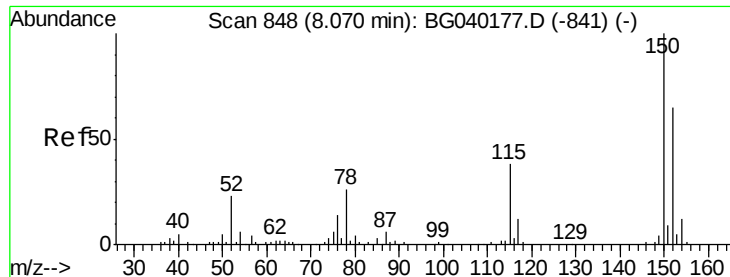
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040276.D
Acq On : 1 Apr 2019 22:17
Operator : JU/SJ
Sample : K2115-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

Quant Time: Apr 02 02:19:22 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



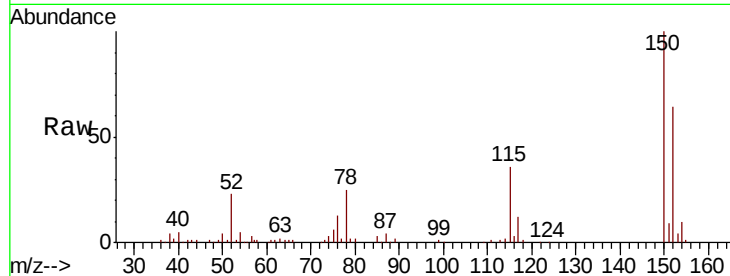


#1

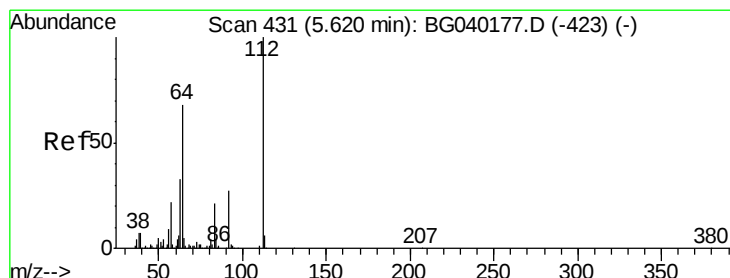
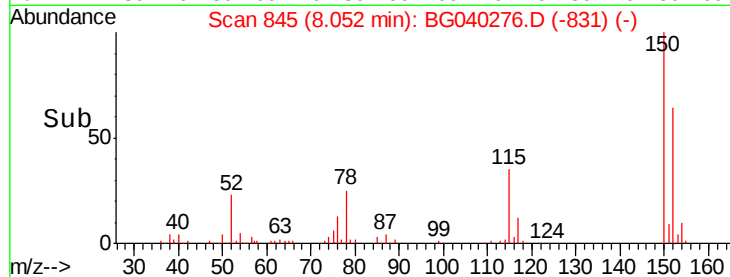
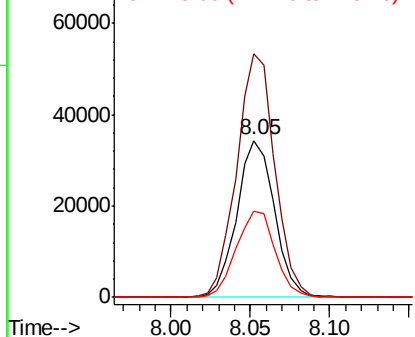
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:152 Resp: 56557
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 55.2 46.9 70.3



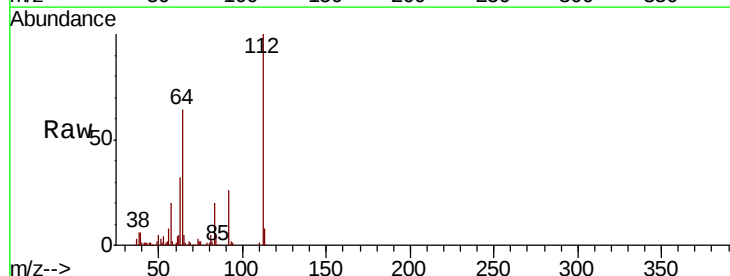
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



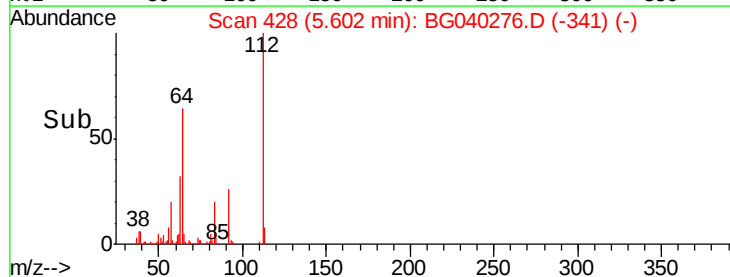
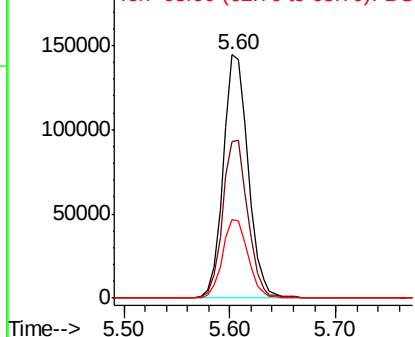
#5

2-Fluorophenol
Concen: 69.452 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Tgt Ion:112 Resp: 236282
Ion Ratio Lower Upper
112 100
64 64.4 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: 47.373 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

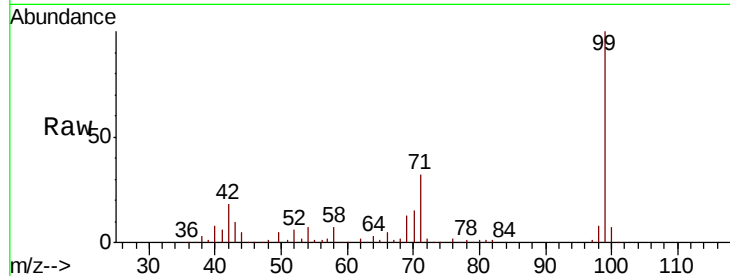
Tgt Ion: 99 Resp: 222736

Ion Ratio Lower Upper

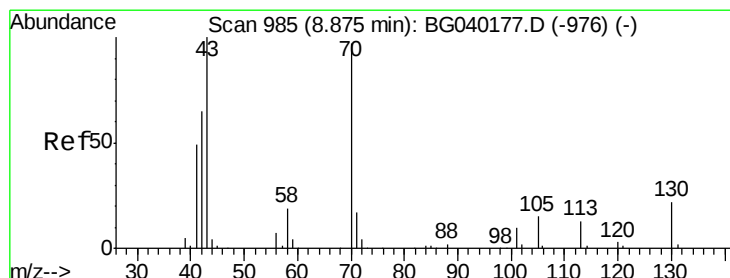
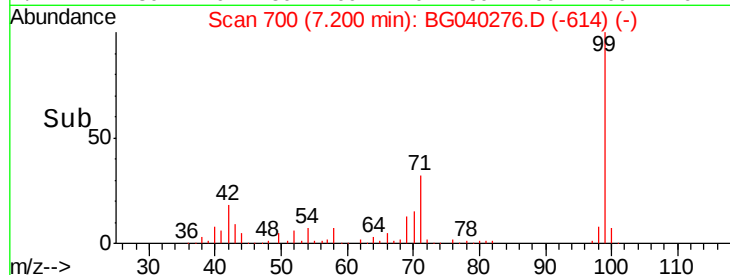
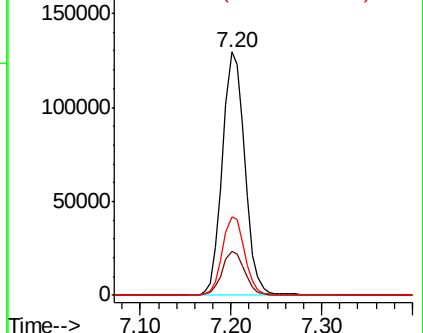
99 100

42 18.1 16.2 24.2

71 32.0 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: 15.239 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Tgt Ion: 70 Resp: 51372

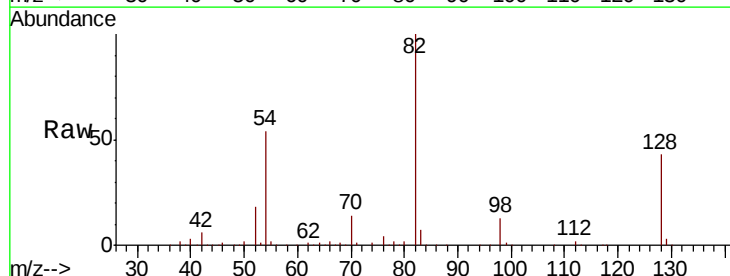
Ion Ratio Lower Upper

70 100

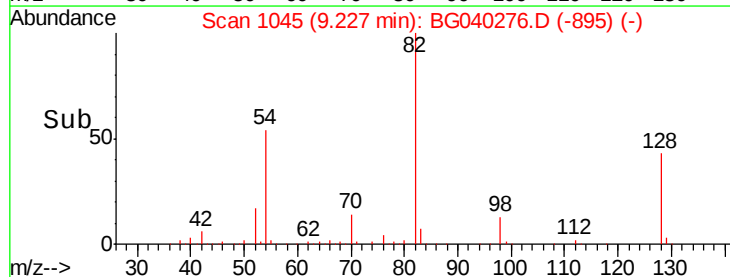
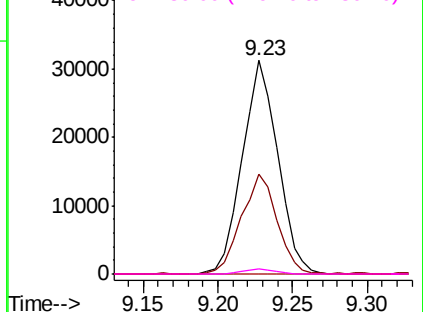
42 46.9 54.0 81.0#

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

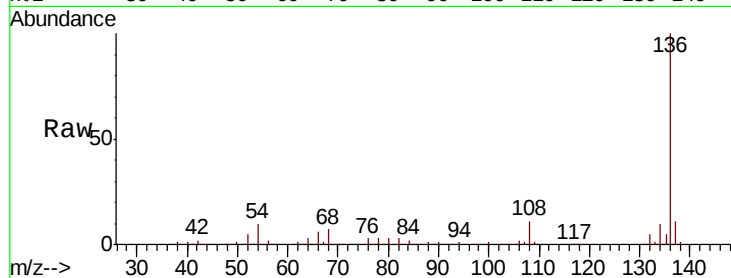




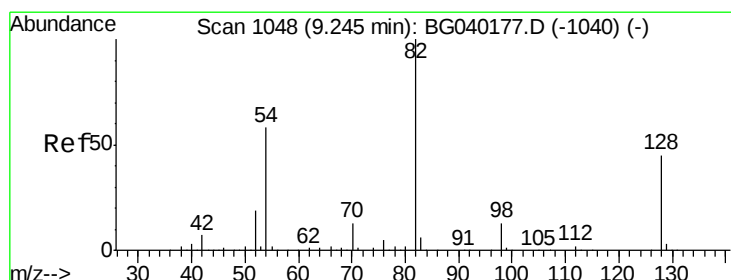
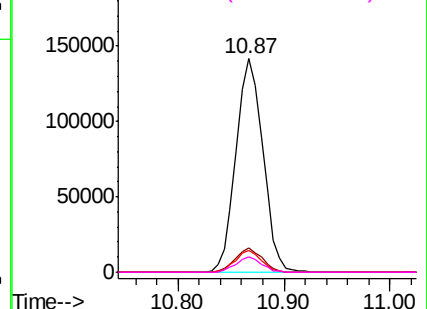
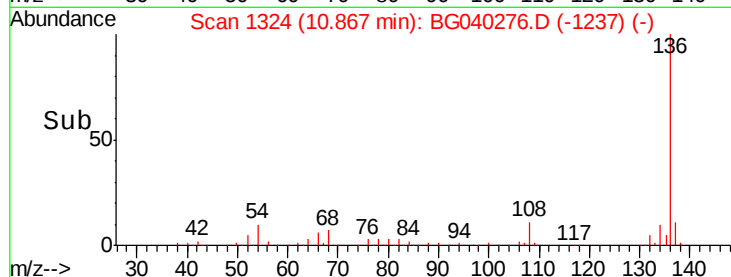
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:	136	Resp:	249714
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.3	9.6	14.4
68	7.2	5.1	7.7

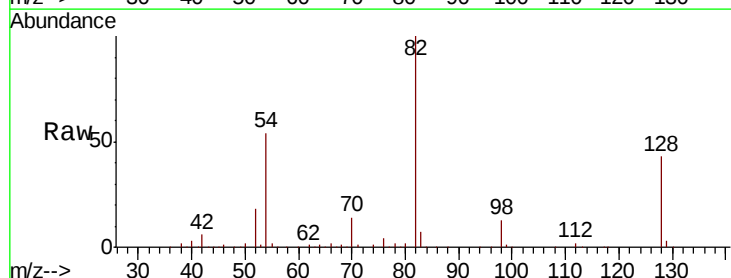


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

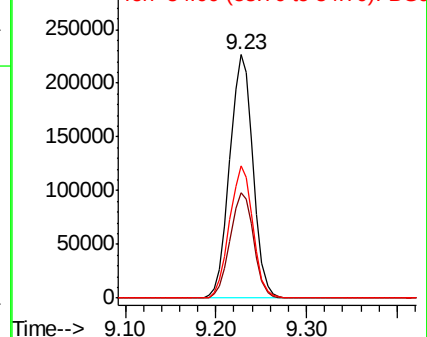
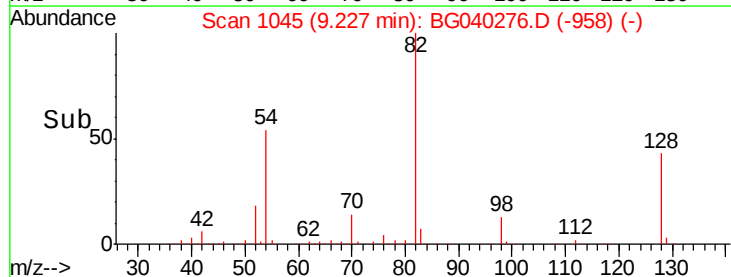


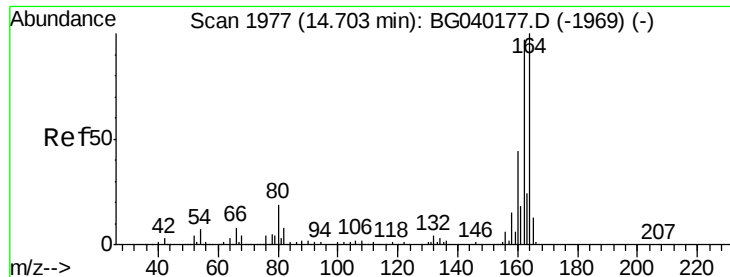
#23
Nitrobenzene-d5
Concen: 86.120 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Tgt Ion:	82	Resp:	404593
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.8	53.8
54	54.4	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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

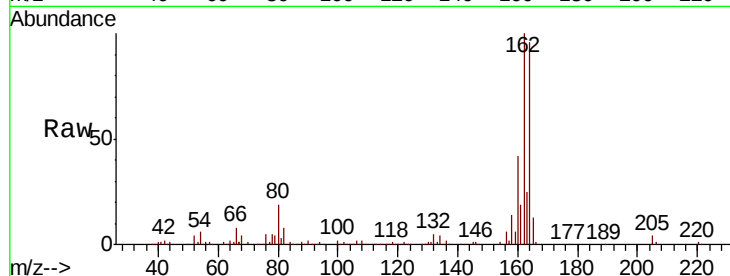
Tgt Ion:164 Resp: 176971

Ion Ratio Lower Upper

164 100

162 103.8 77.4 116.2

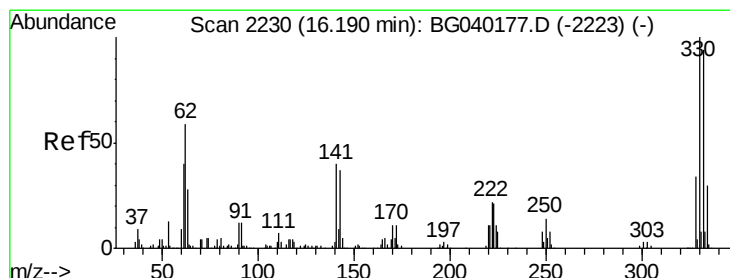
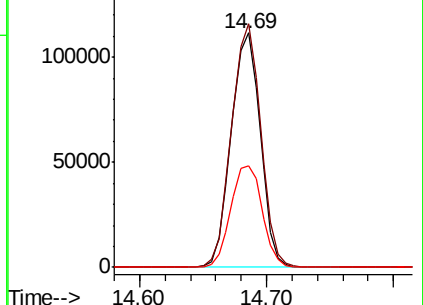
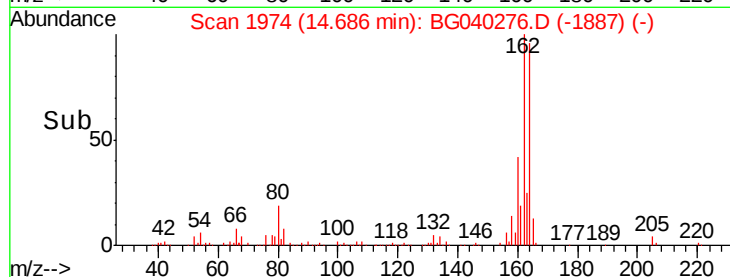
160 43.3 35.3 52.9



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: 159.862 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

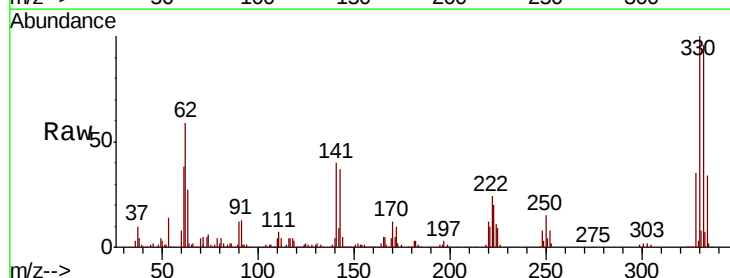
Tgt Ion:330 Resp: 305751

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

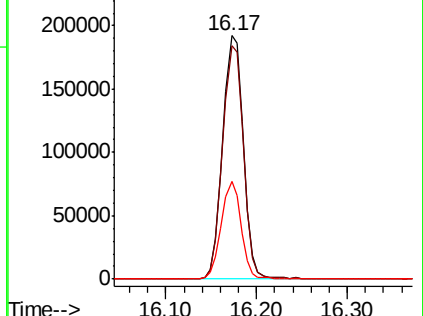
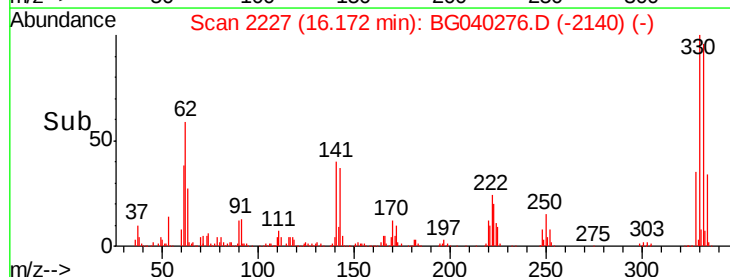
141 38.3 32.6 48.8

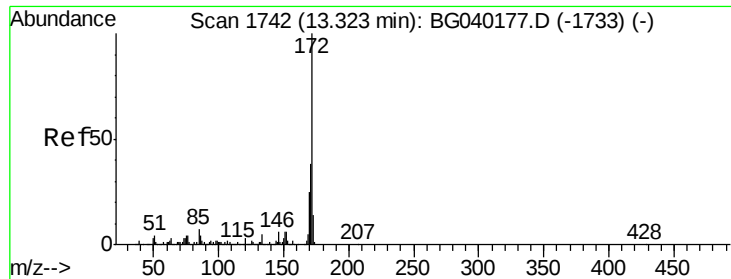


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

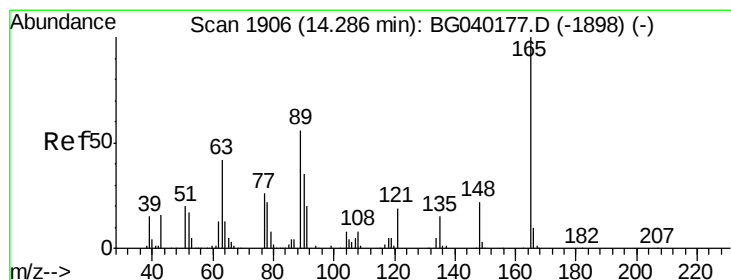
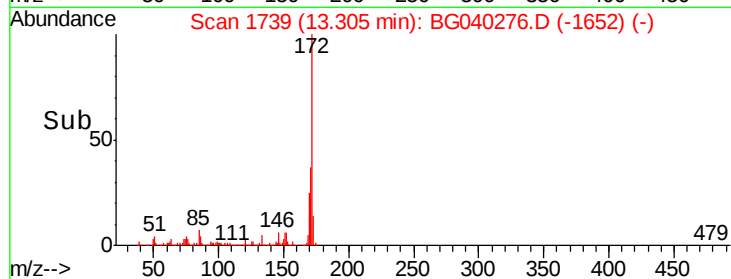
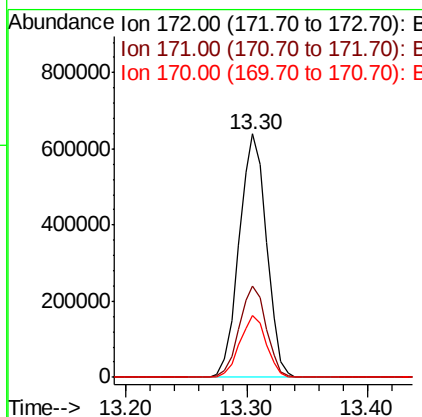
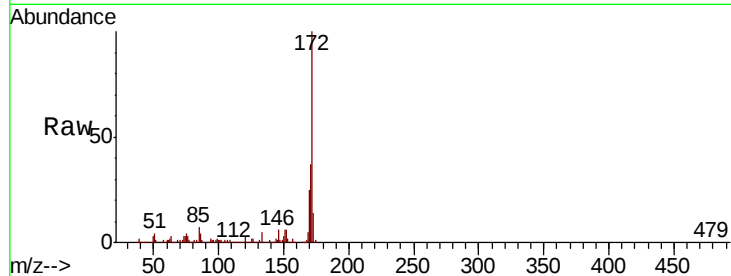




#45
2-Fluorobiphenyl
Concen: 84.283 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

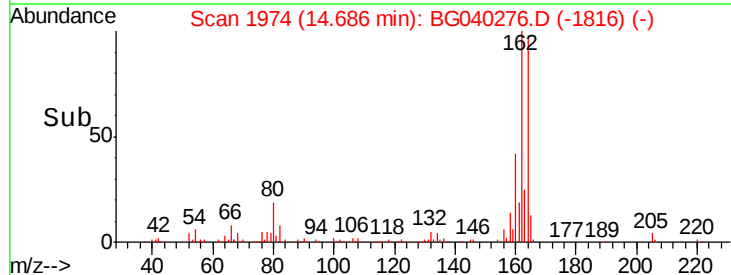
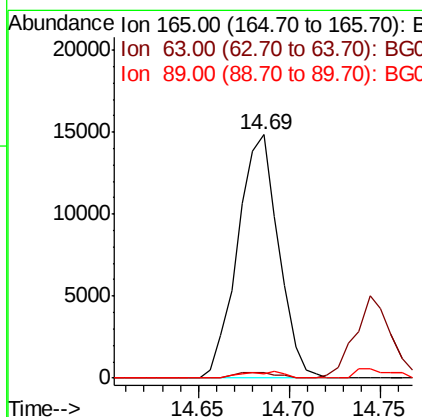
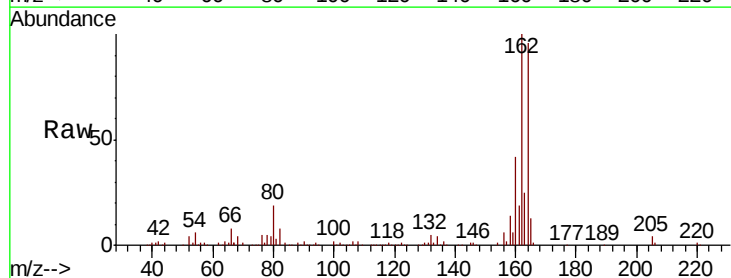
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

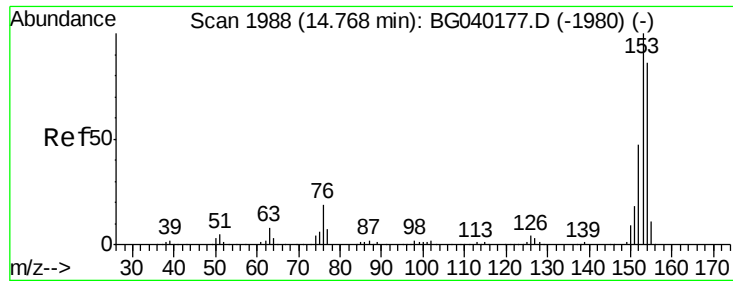
Tgt Ion:172 Resp: 1006612
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 25.4 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.475 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG040276.D
Acq: 1 Apr 2019 22:17

Tgt Ion:165 Resp: 23247
Ion Ratio Lower Upper
165 100
63 2.2 44.1 66.1#
89 1.8 44.9 67.3#





#52

Acenaphthene

Concen: 7.641 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

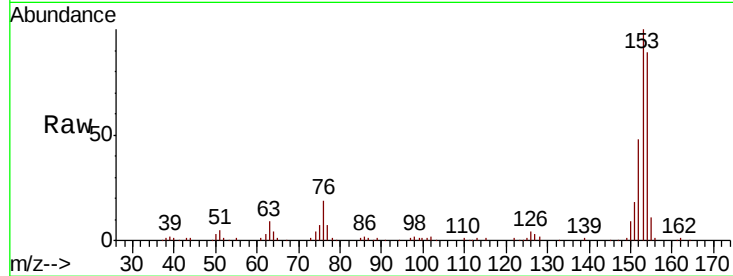
Tgt Ion:154 Resp: 79618

Ion Ratio Lower Upper

154 100

153 112.8 92.8 139.2

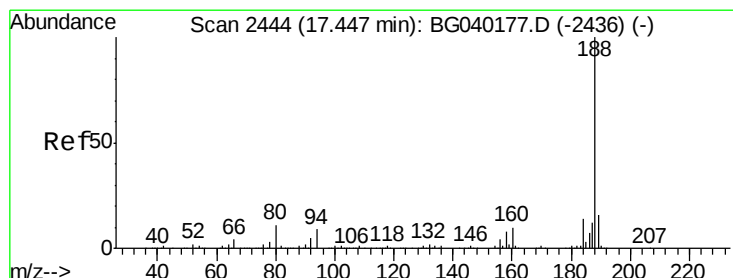
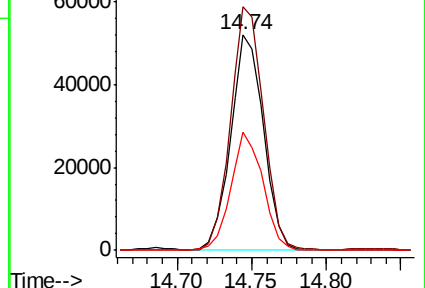
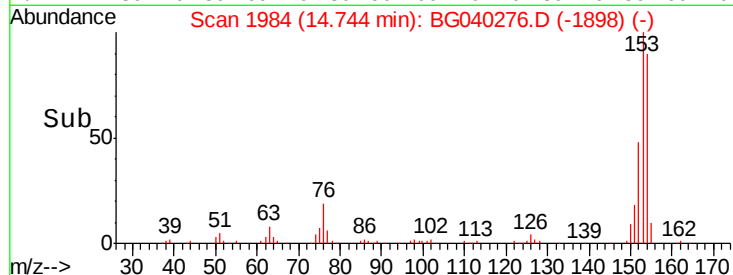
152 54.6 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

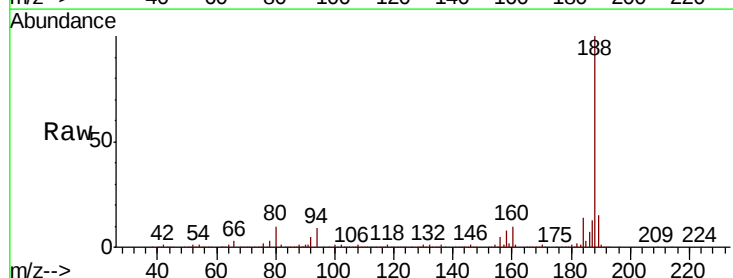
Tgt Ion:188 Resp: 438364

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

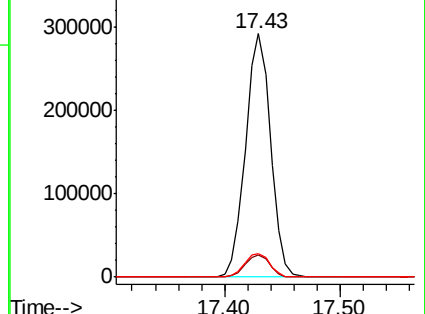
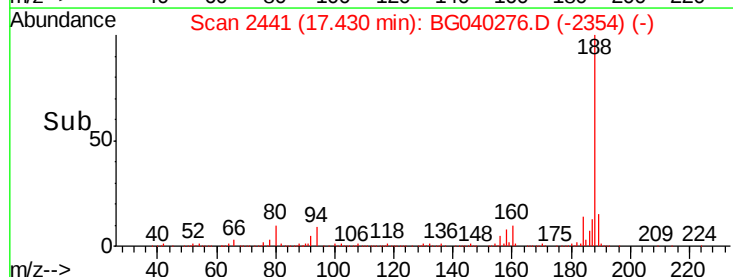
80 9.7 8.6 13.0



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

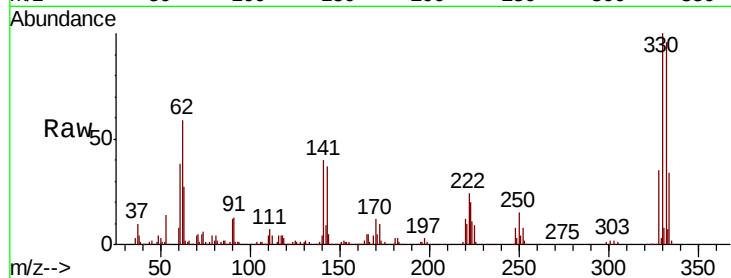




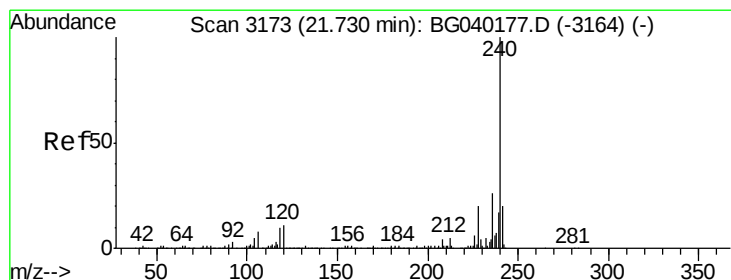
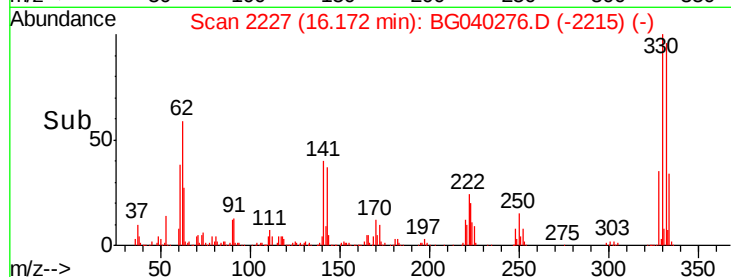
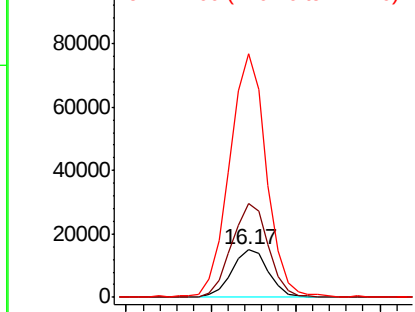
#67
 4-Bromophenyl-phenylether
 Concen: 4.596 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040276.D
 Acq: 1 Apr 2019 22:17

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

Tgt Ion:248 Resp: 22673
 Ion Ratio Lower Upper
 248 100
 250 197.0 76.4 114.6#
 141 513.9 53.8 80.8#

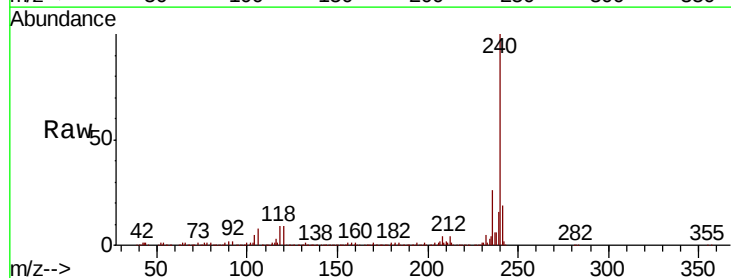


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

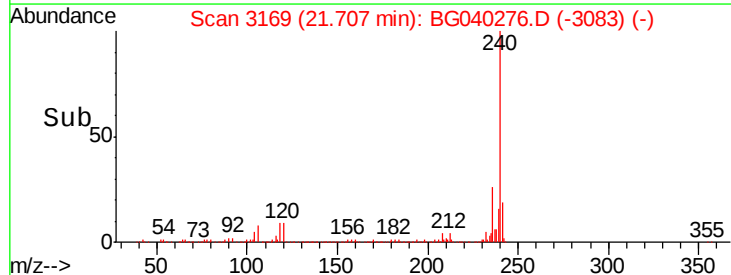
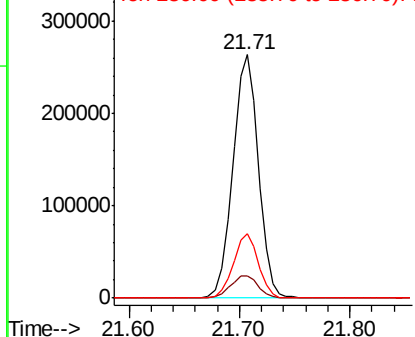


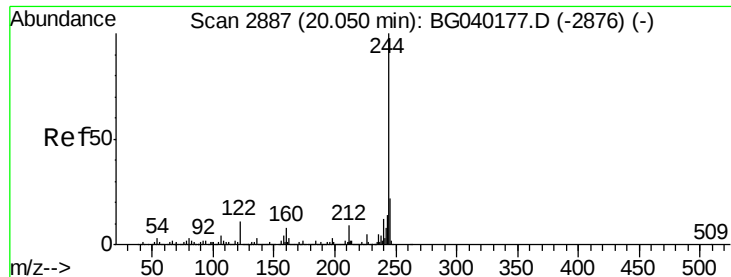
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040276.D
 Acq: 1 Apr 2019 22:17

Tgt Ion:240 Resp: 426165
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.4 12.6
 236 26.4 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: 80.658 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040276.D

Acq: 1 Apr 2019 22:17

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

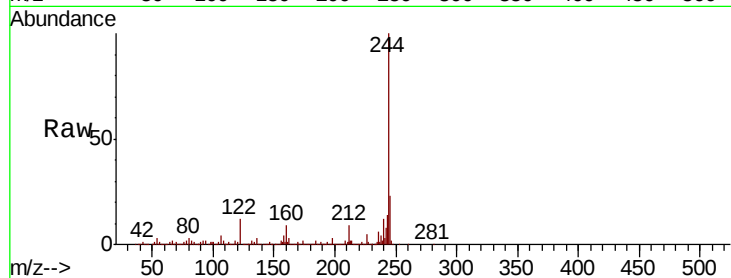
Tgt Ion:244 Resp: 1527958

Ion Ratio Lower Upper

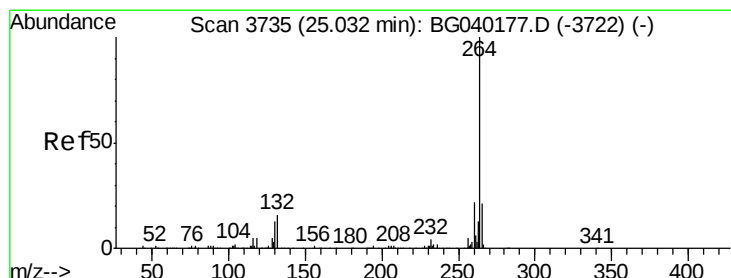
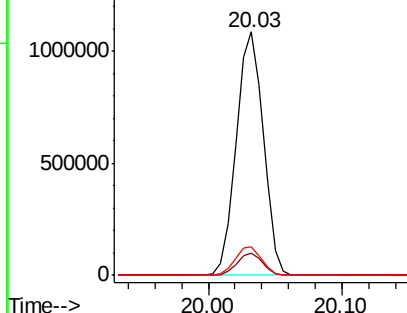
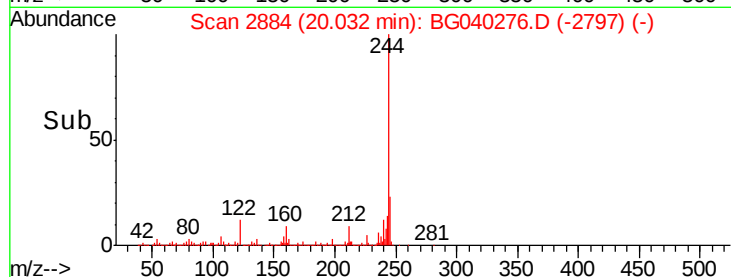
244 100

212 9.2 7.0 10.6

122 11.8 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: BG040276.D

Acq: 1 Apr 2019 22:17

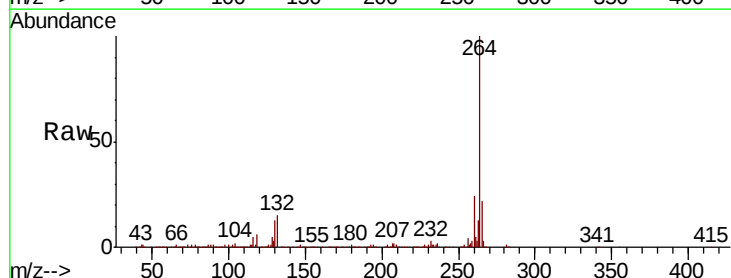
Tgt Ion:264 Resp: 430930

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 22.1 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

