

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040254.D
 Acq On : 30 Mar 2019 9:55
 Operator : JU/SJ
 Sample : K2112-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DR-WC-001

Quant Time: Apr 01 02:07:09 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

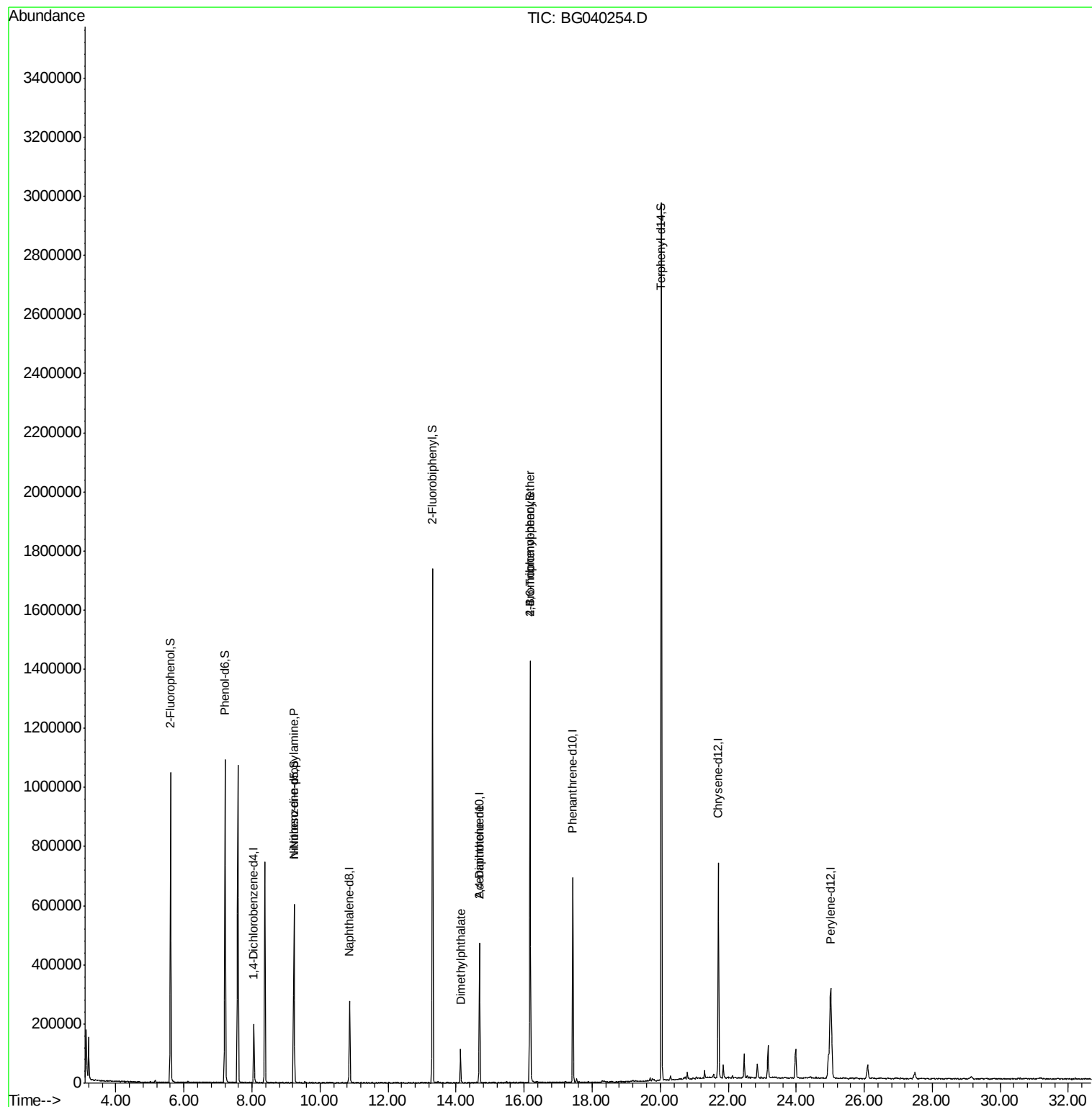
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55615	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	241613	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	166776	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	427277	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	435421	20.00	ng	-0.02
87) Perylene-d12	25.02	264	440428	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	457488	136.75	ng	-0.01
7) Phenol-d6	7.21	99	653888	141.43	ng	-0.02
23) Nitrobenzene-d5	9.23	82	376431	82.81	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	263004	145.92	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	931839	82.79	ng	-0.02
79) Terphenyl-d14	20.04	244	1512813	78.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	47442	14.312	ng	# 73
50) Dimethylphthalate	14.13	163	79678	6.104	ng	# 97
57) 2,4-Dinitrotoluene	14.69	165	21591	5.302	ng	# 25
67) 4-Bromophenyl-phenylether	16.18	248	20565	4.277	ng	# 1

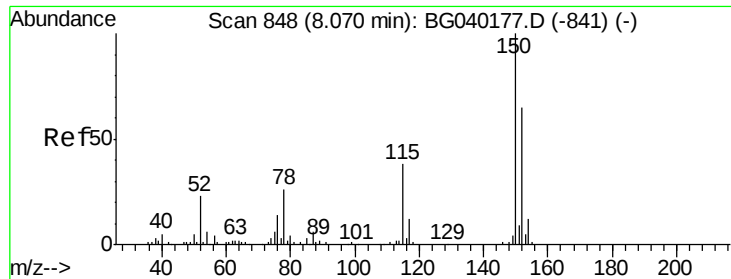
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA_G

ClientSampleId :

DR-WC-001

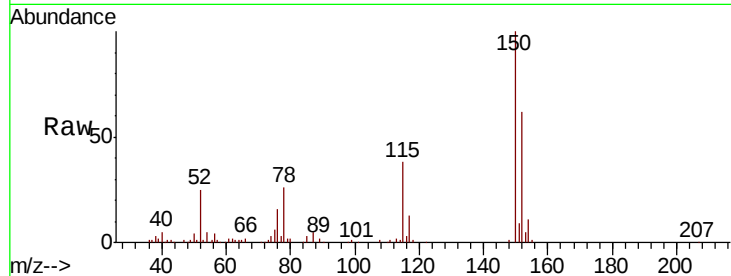
Tgt Ion:152 Resp: 55615

Ion Ratio Lower Upper

152 100

150 160.2 123.7 185.5

115 61.1 46.9 70.3

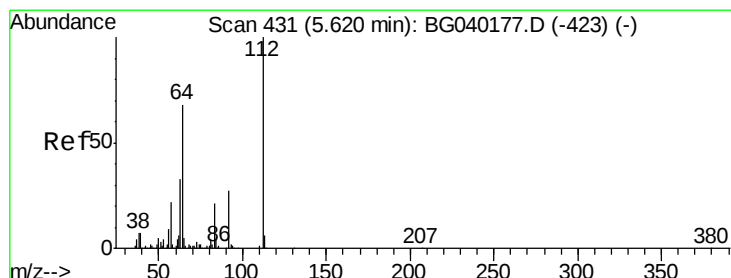
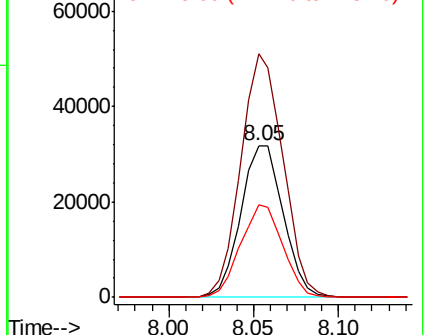
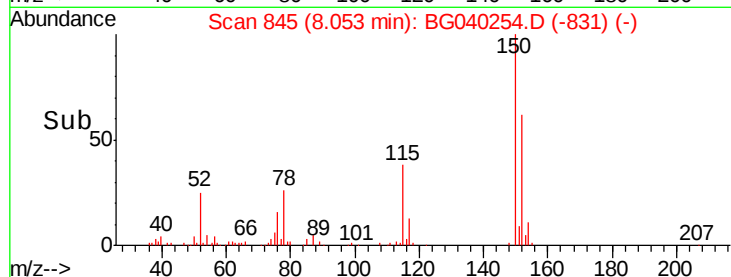


Abundance

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: 136.750 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

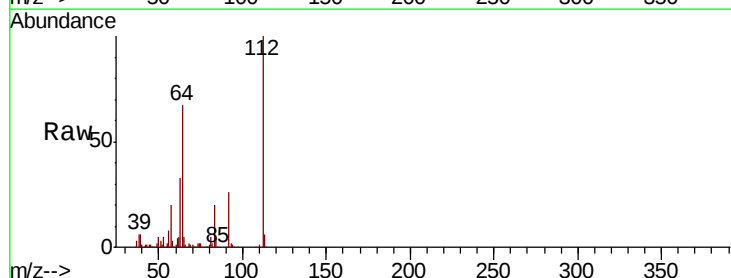
Tgt Ion:112 Resp: 457488

Ion Ratio Lower Upper

112 100

64 67.0 54.2 81.2

63 33.1 26.4 39.6

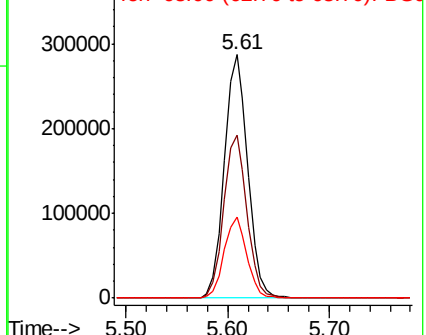
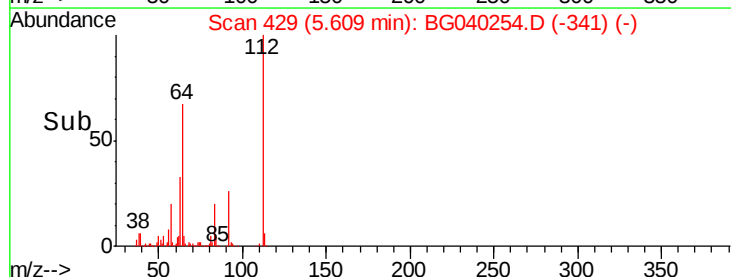


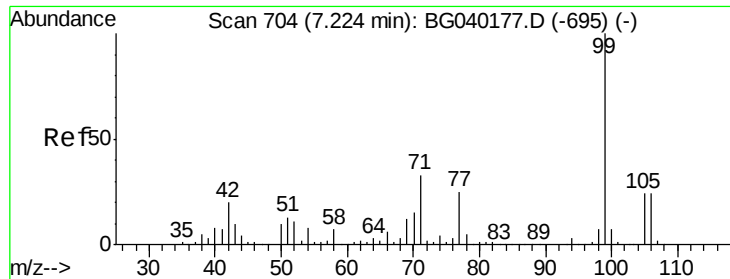
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.429 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA_G

ClientSampleId :

DR-WC-001

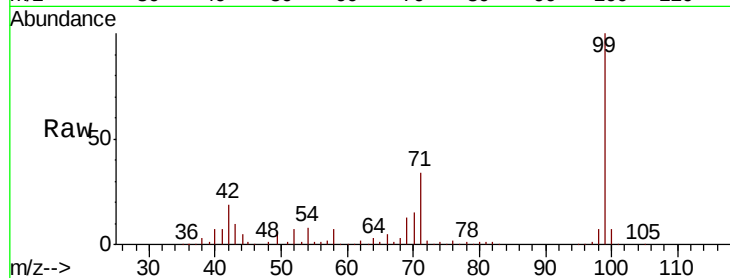
Tgt Ion: 99 Resp: 653888

Ion Ratio Lower Upper

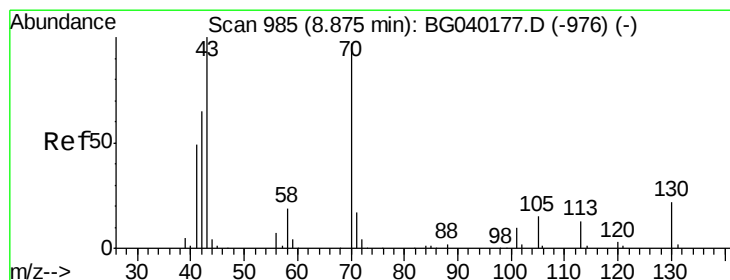
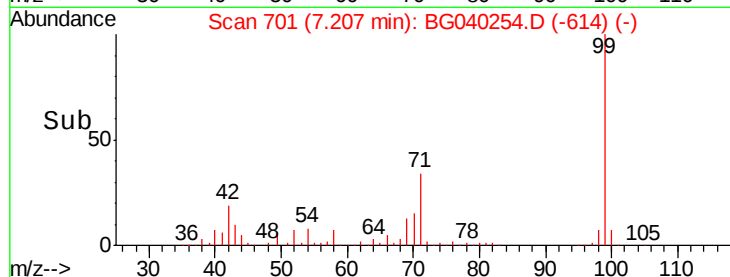
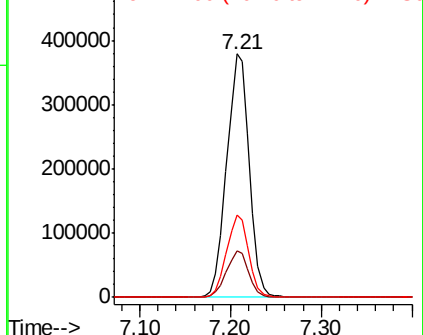
99 100

42 19.1 16.2 24.2

71 34.0 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: 14.312 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Tgt Ion: 70 Resp: 47442

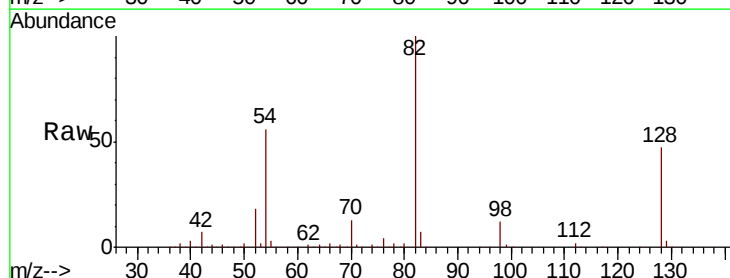
Ion Ratio Lower Upper

70 100

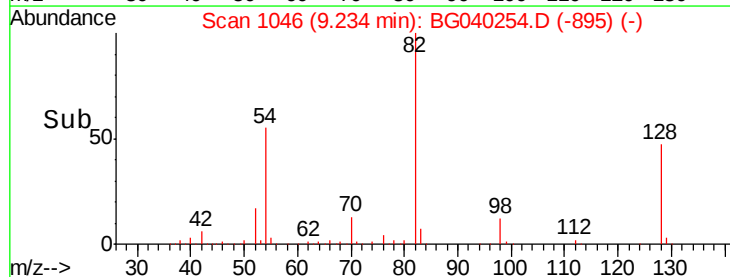
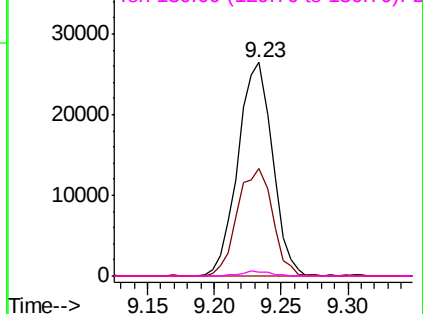
42 50.4 54.0 81.0#

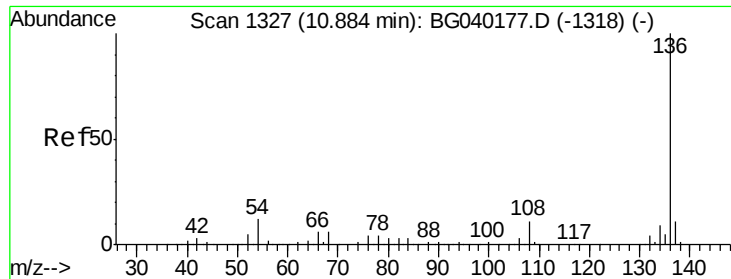
101 0.0 8.6 13.0#

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

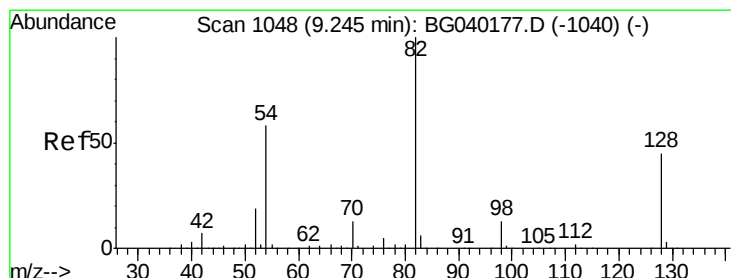
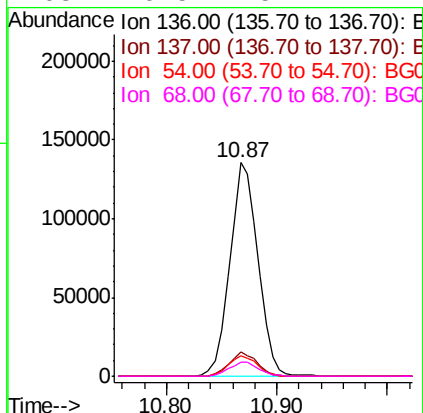
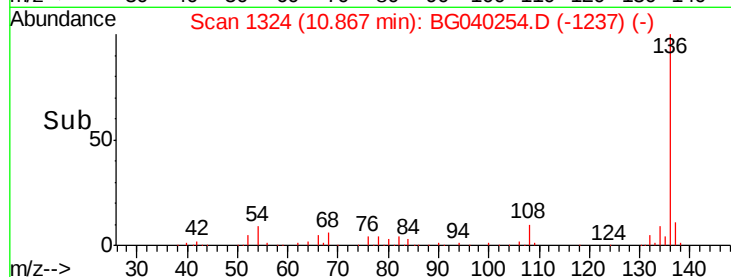
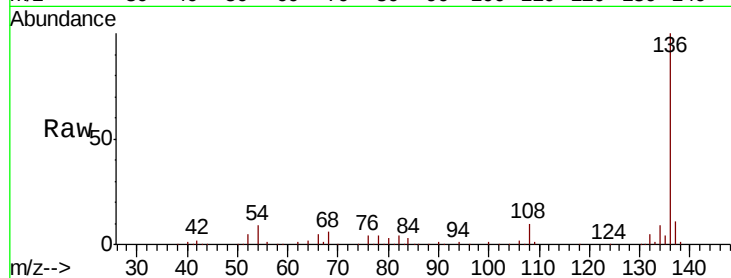




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040254.D
Acq: 30 Mar 2019 9:55

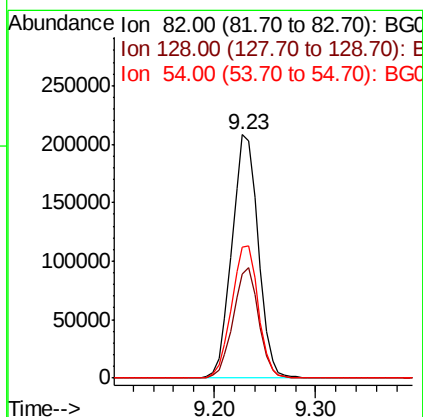
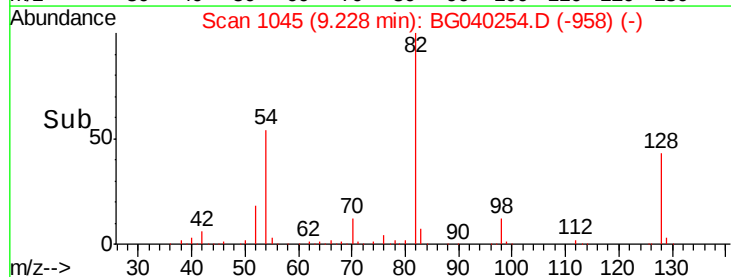
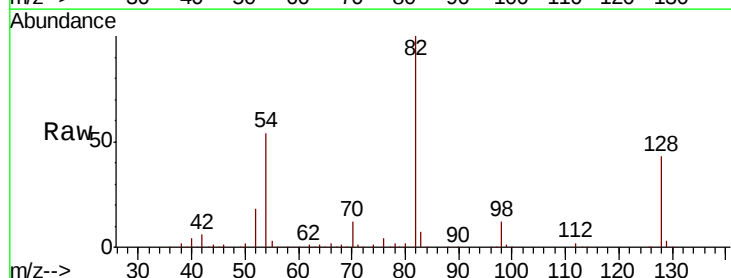
Instrument :
BNA_G
ClientSampleId :
DR-WC-001

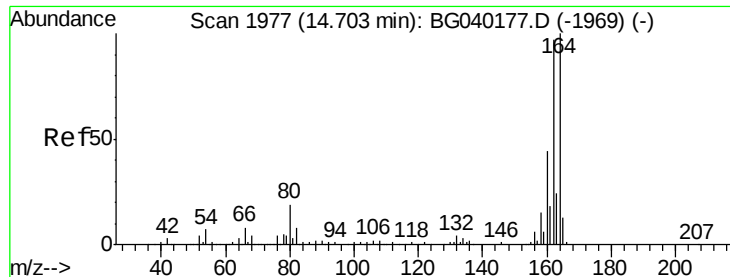
Tgt Ion:	136	Resp:	241613
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	9.6	14.4#
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 82.813 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040254.D
Acq: 30 Mar 2019 9:55

Tgt Ion:	82	Resp:	376431
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	53.9	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: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA_G

ClientSampleId :

DR-WC-001

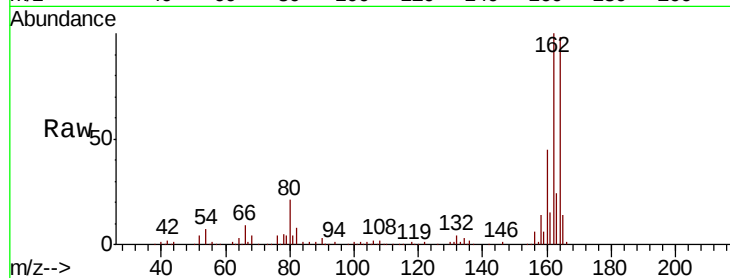
Tgt Ion:164 Resp: 166776

Ion Ratio Lower Upper

164 100

162 101.6 77.4 116.2

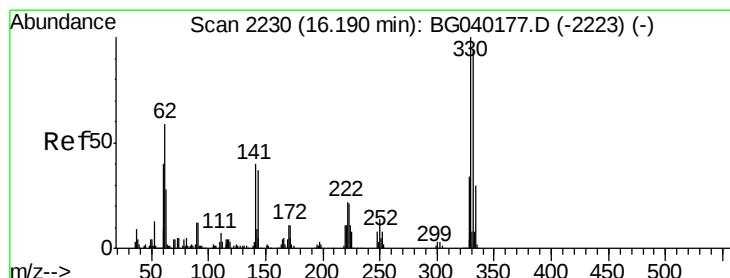
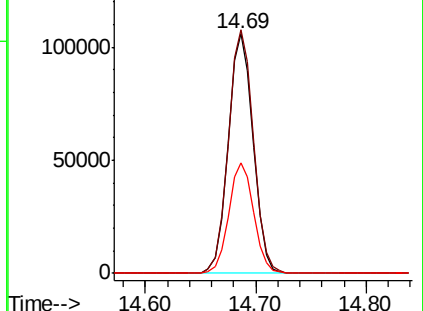
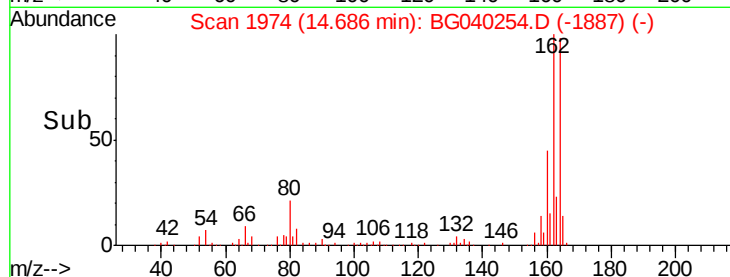
160 45.9 35.3 52.9



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: 145.918 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

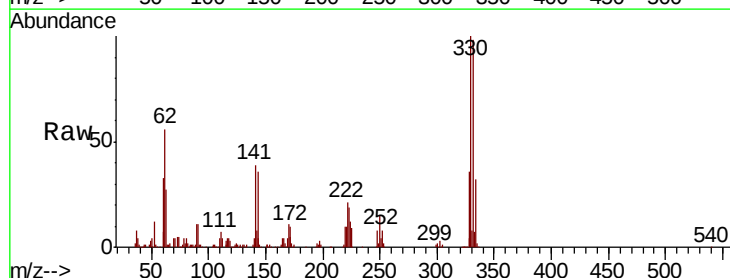
Tgt Ion:330 Resp: 263004

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

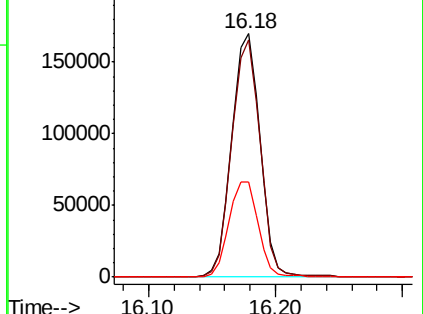
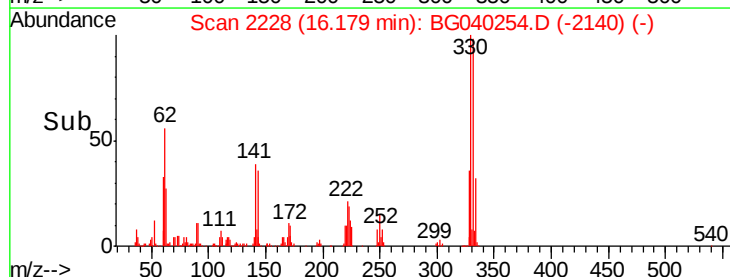
141 40.2 32.6 48.8

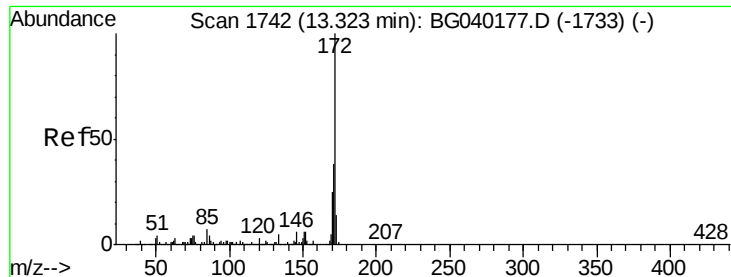


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

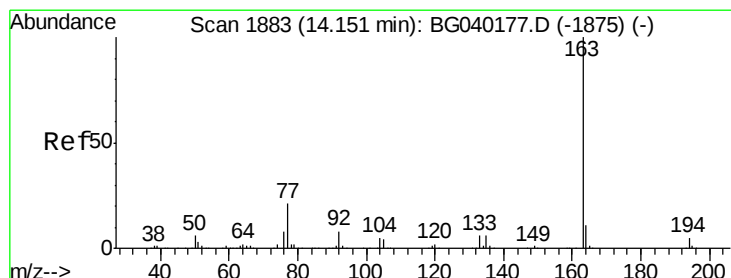
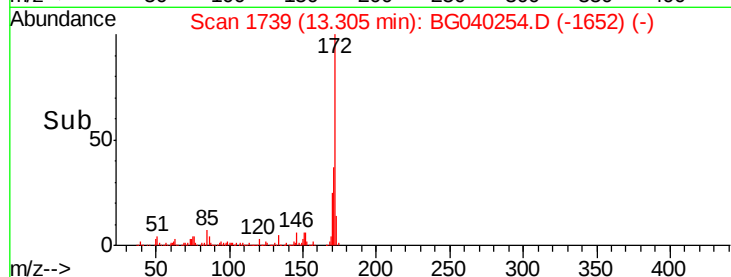
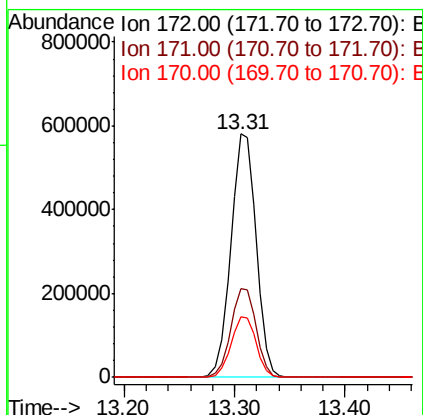
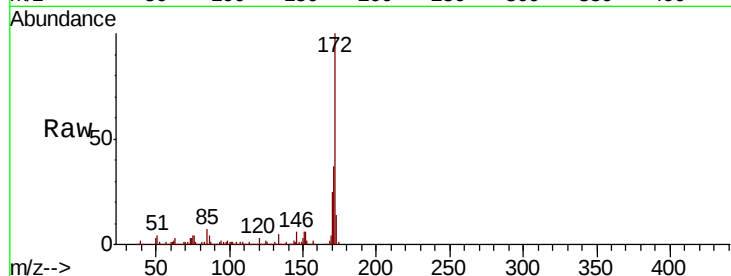




#45
2-Fluorobiphenyl
Concen: 82.792 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040254.D
Acq: 30 Mar 2019 9:55

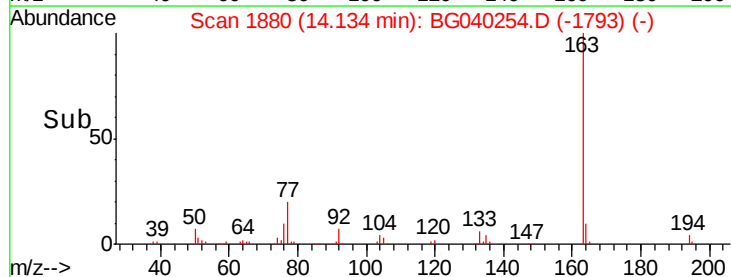
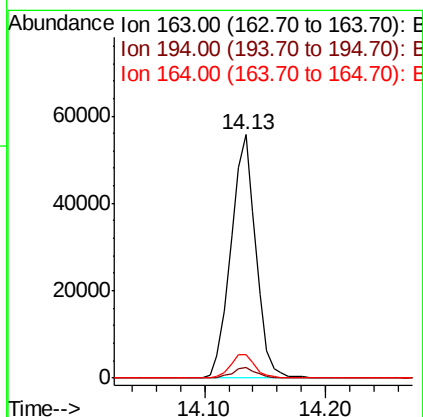
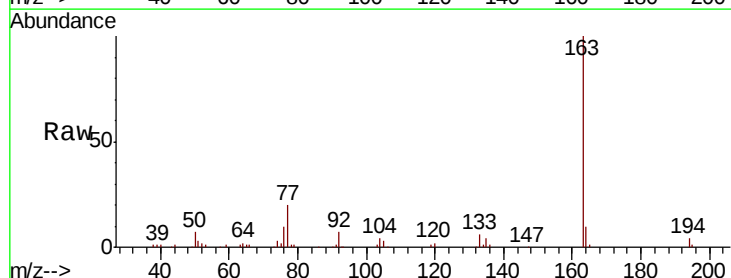
Instrument :
BNA_G
ClientSampleId :
DR-WC-001

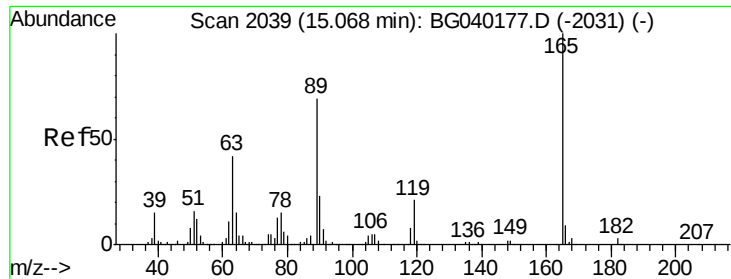
Tgt Ion:172 Resp: 931839
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 25.0 20.1 30.1



#50
Dimethylphthalate
Concen: 6.104 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040254.D
Acq: 30 Mar 2019 9:55

Tgt Ion:163 Resp: 79678
Ion Ratio Lower Upper
163 100
194 4.4 4.1 6.1
164 9.7 8.6 13.0

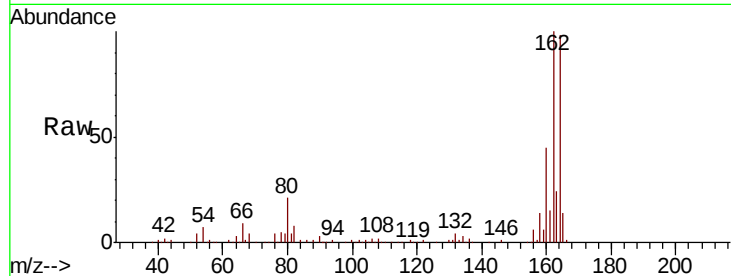




#57
 2,4-Dinitrotoluene
 Concen: 5.302 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040254.D
 Acq: 30 Mar 2019 9:55

Instrument :
 BNA_G
 ClientSampleId :
 DR-WC-001

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

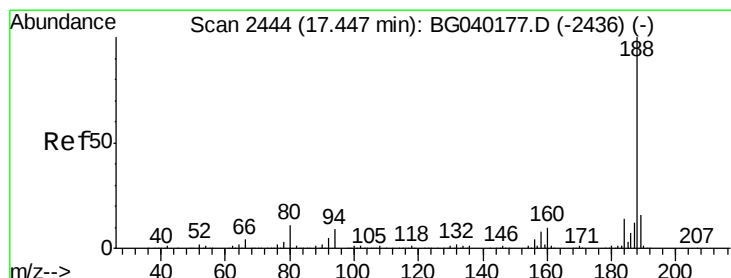
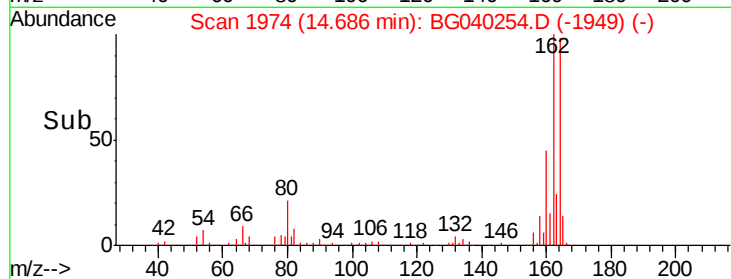
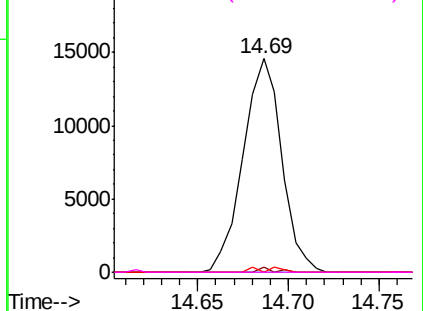


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

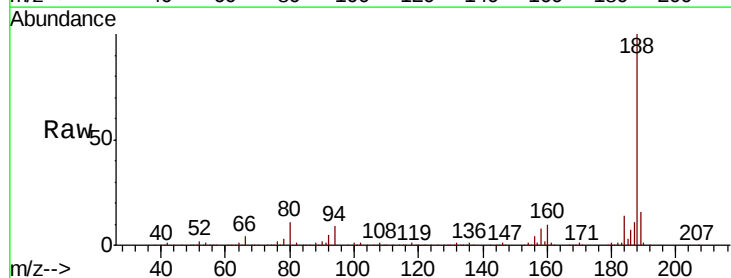
Ion 89.00 (88.70 to 89.70): BGC

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: BG040254.D
 Acq: 30 Mar 2019 9:55

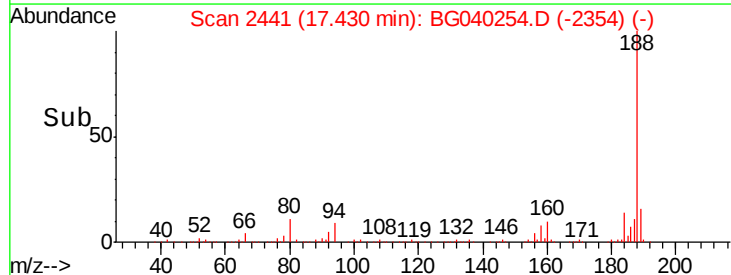
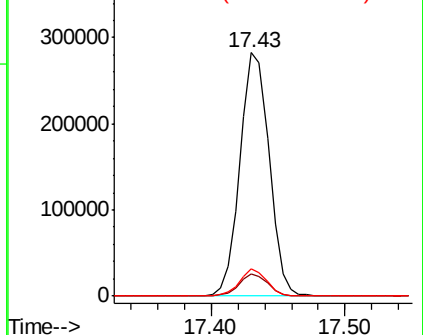
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	11.0	8.6	13.0

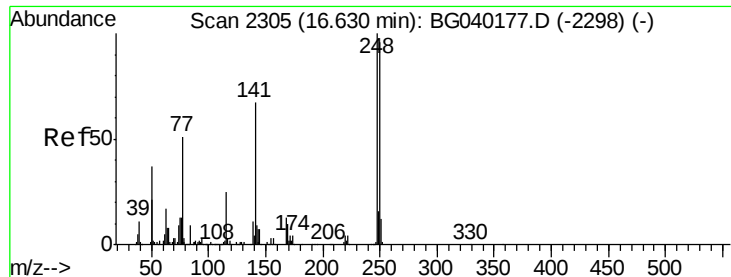


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.277 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.45 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA_G

ClientSampleId :

DR-WC-001

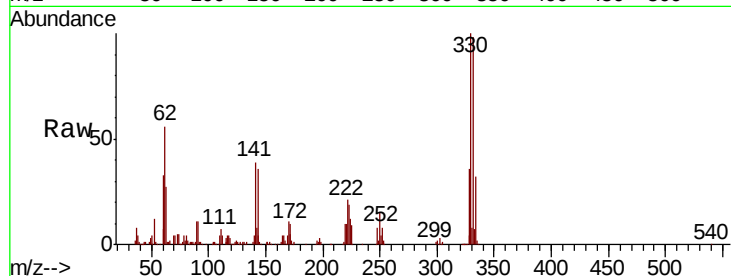
Tgt Ion:248 Resp: 20565

Ion Ratio Lower Upper

248 100

250 194.8 76.4 114.6#

141 518.2 53.8 80.8#

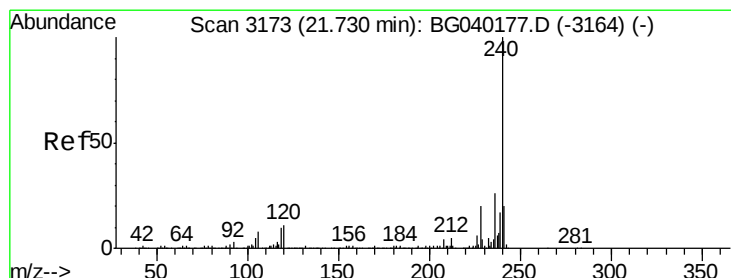
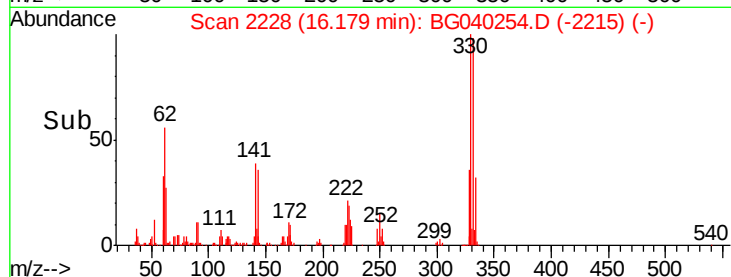
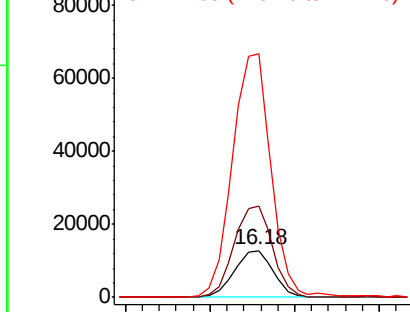


Abundance

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# 3170

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

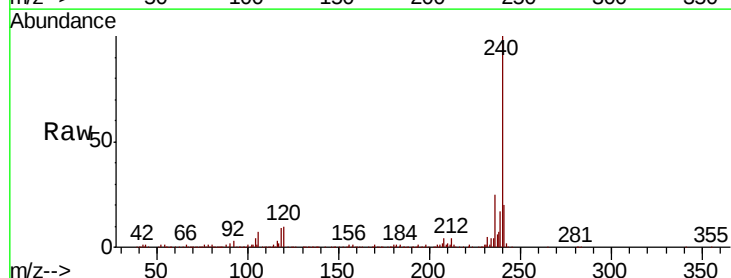
Tgt Ion:240 Resp: 435421

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.4 20.8 31.2

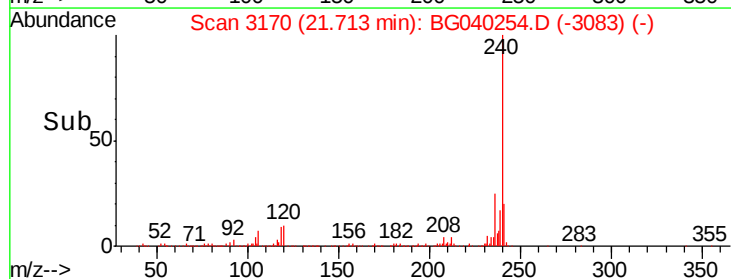
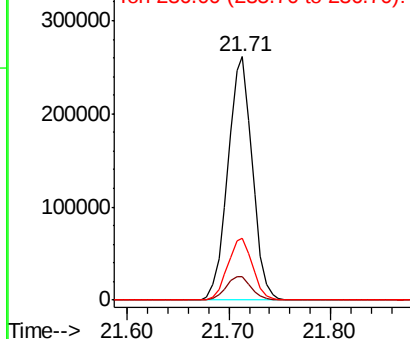


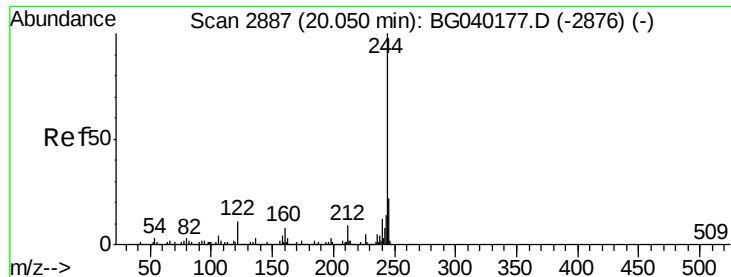
Abundance

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: 78.161 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA_G

ClientSampleId :

DR-WC-001

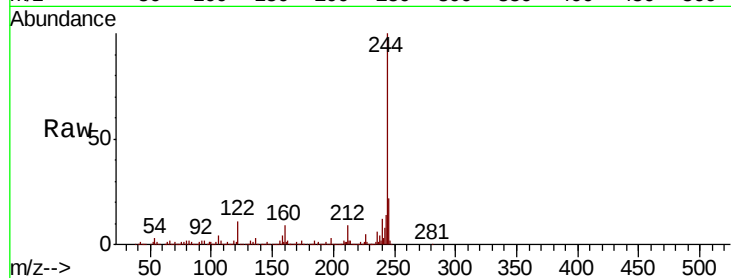
Tgt Ion:244 Resp: 1512813

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

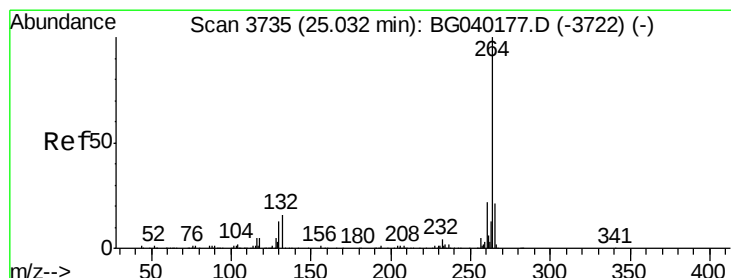
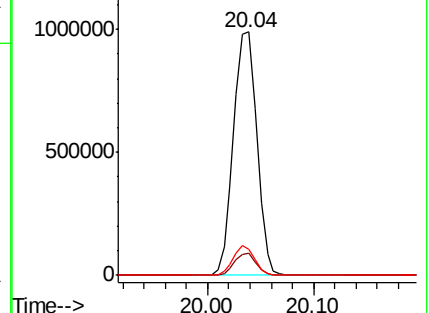
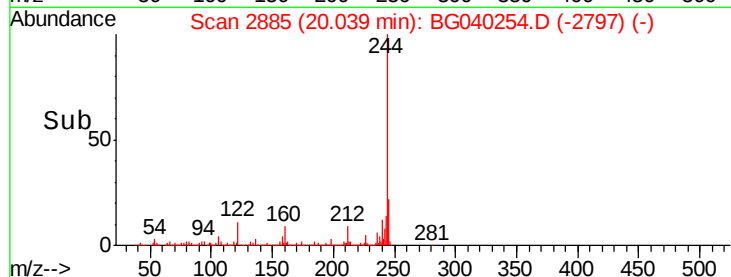
122 10.5 8.5 12.7



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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

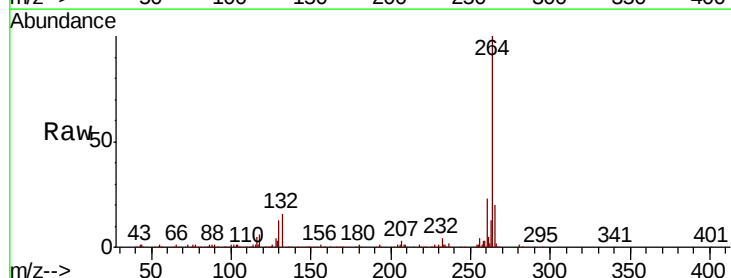
Tgt Ion:264 Resp: 440428

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 20.4 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

