

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040231.D
 Acq On : 29 Mar 2019 18:35
 Operator : JU/SJ
 Sample : PB118394BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118394BL

Quant Time: Mar 30 04:08:31 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

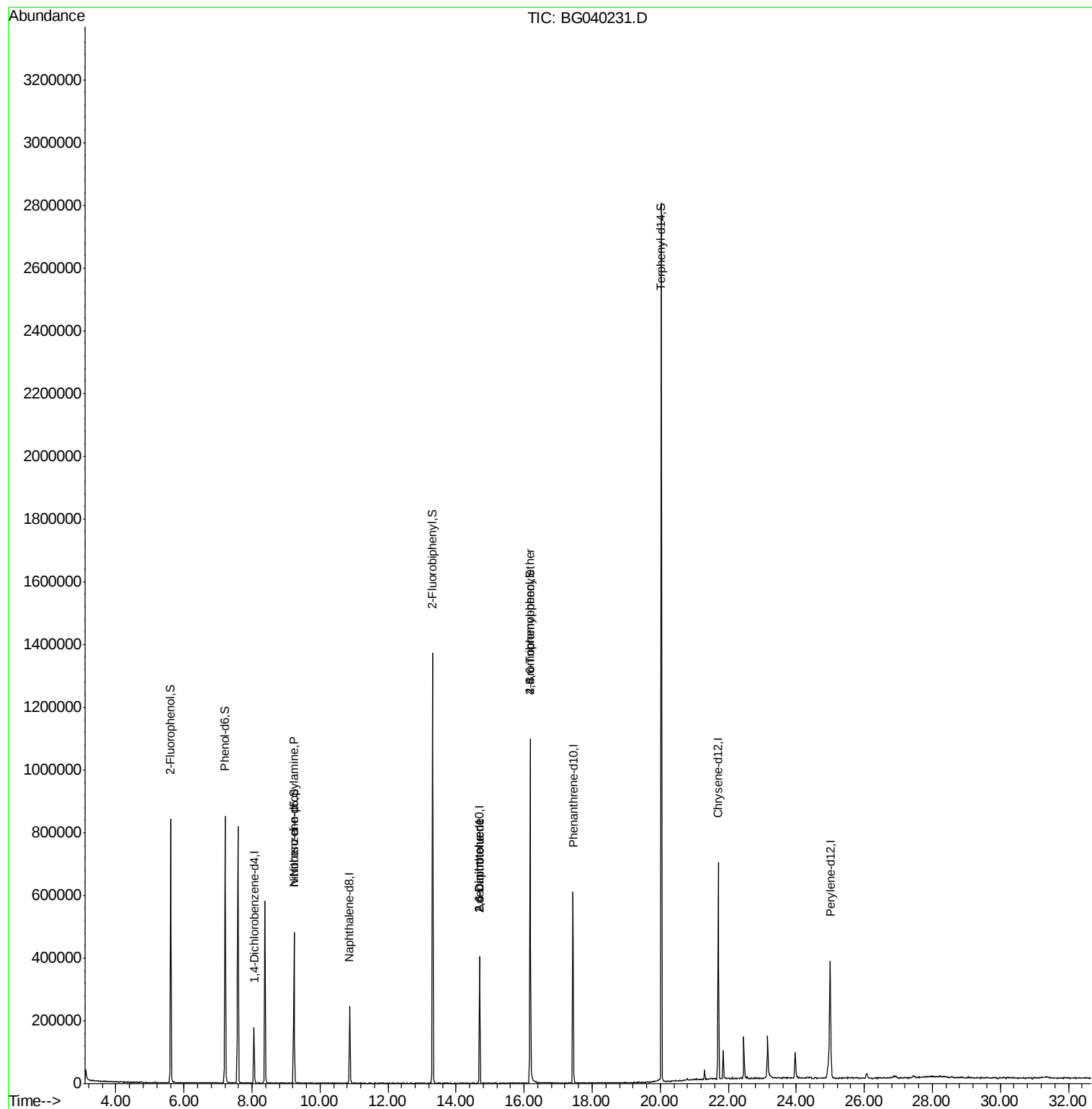
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50794	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	213092	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	140874	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	383658	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	405163	20.00	ng	-0.02
87) Perylene-d12	24.99	264	396839	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	365427	119.60	ng	-0.01
7) Phenol-d6	7.21	99	511007	121.02	ng	-0.01
23) Nitrobenzene-d5	9.23	82	293669	73.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	199399	130.97	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	733109	77.11	ng	-0.01
79) Terphenyl-d14	20.03	244	1276028	70.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	35237	11.639	ng	# 78
51) 2,6-Dinitrotoluene	14.69	165	18592	7.510	ng	# 26
57) 2,4-Dinitrotoluene	14.69	165	18592	5.405	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	15354	3.556	ng	# 1

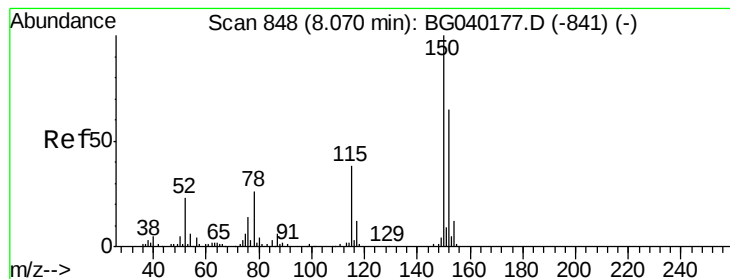
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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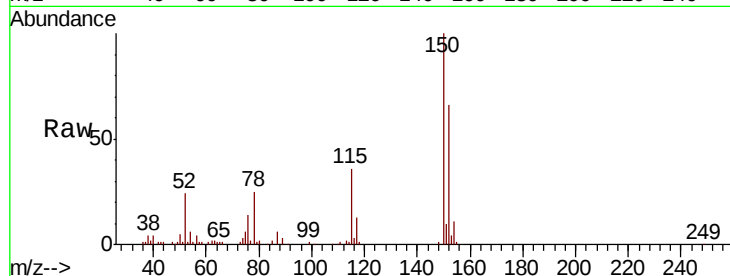


#1

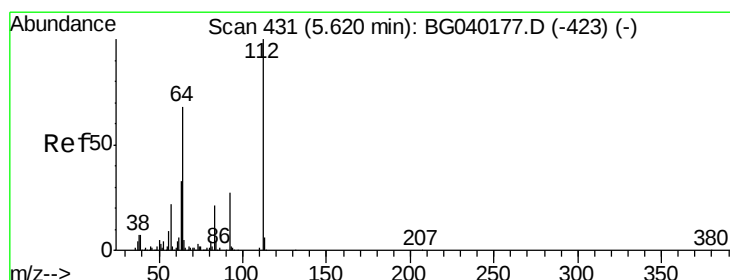
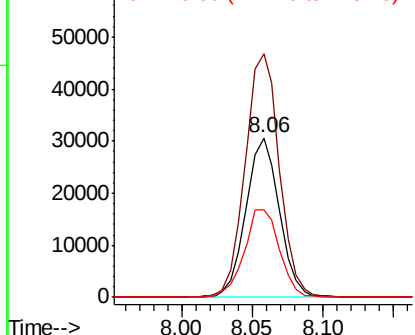
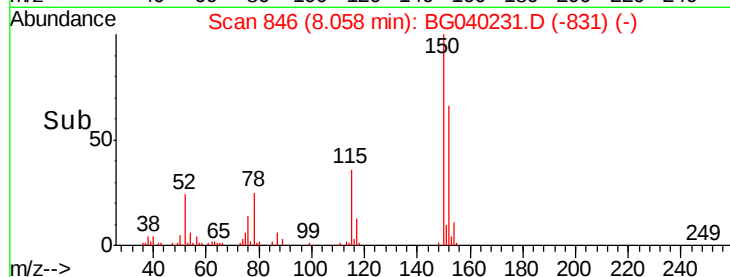
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040231.D
Acq: 29 Mar 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB118394BL

Tgt Ion:152 Resp: 50794
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 54.9 46.9 70.3



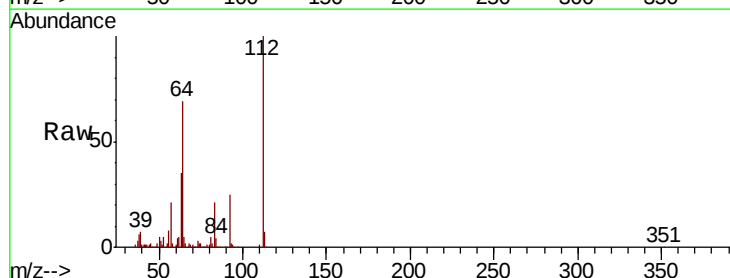
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



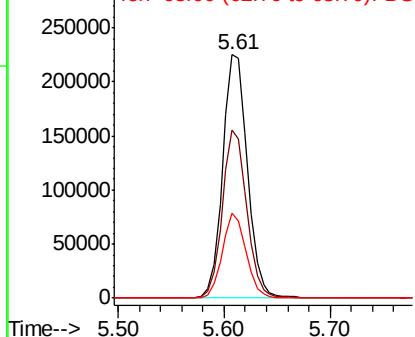
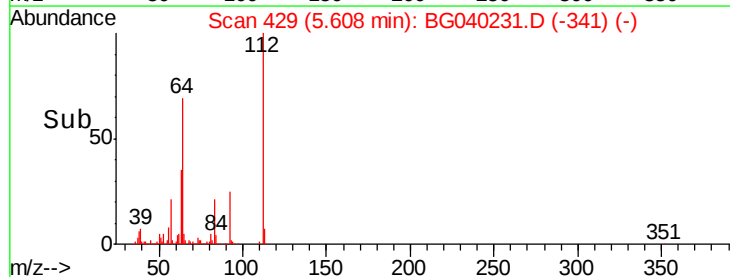
#5

2-Fluorophenol
Concen: 119.599 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040231.D
Acq: 29 Mar 2019 18:35

Tgt Ion:112 Resp: 365427
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.2
63 34.9 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: 121.015 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

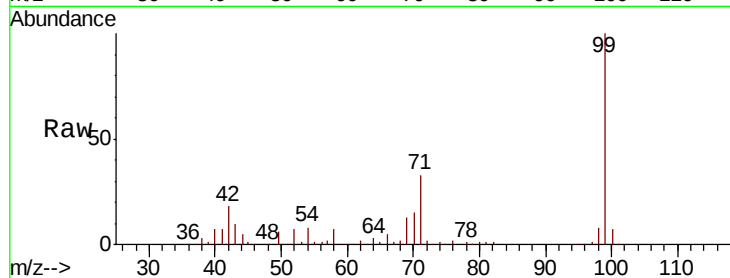
Tgt Ion: 99 Resp: 511007

Ion Ratio Lower Upper

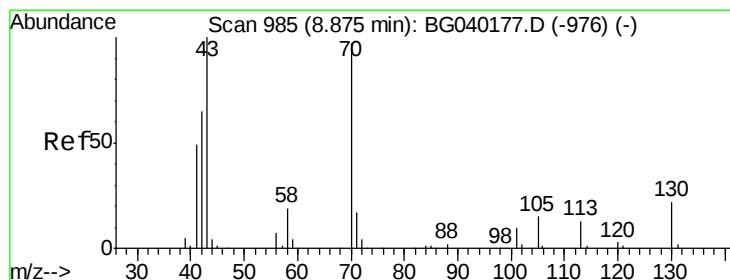
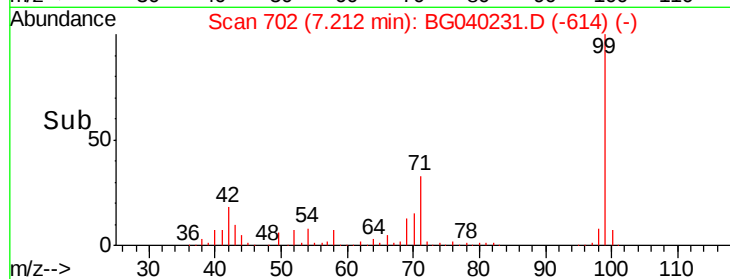
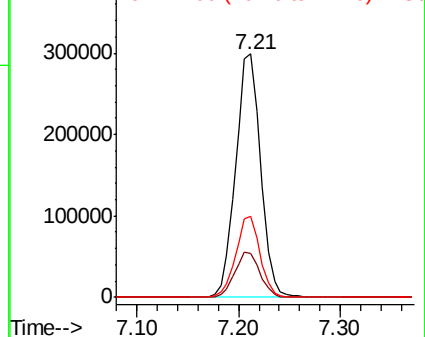
99 100

42 18.1 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: 11.639 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Tgt Ion: 70 Resp: 35237

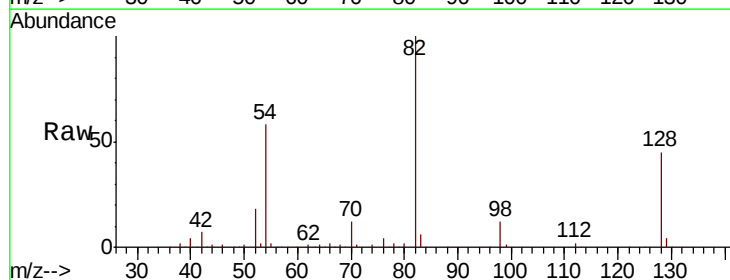
Ion Ratio Lower Upper

70 100

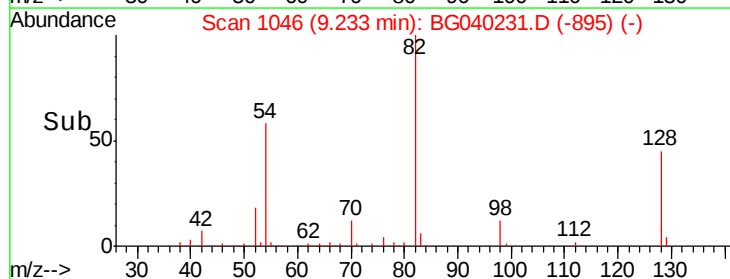
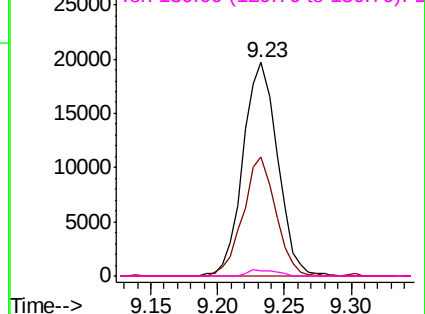
42 55.6 54.0 81.0

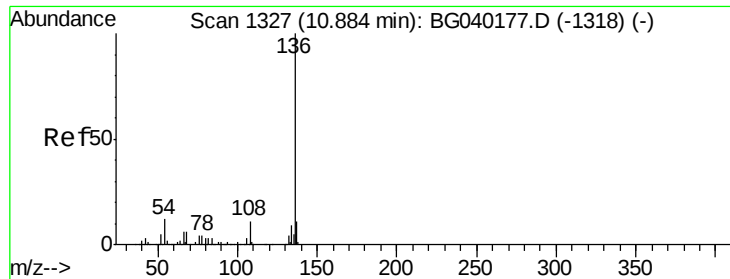
101 0.0 8.6 13.0#

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

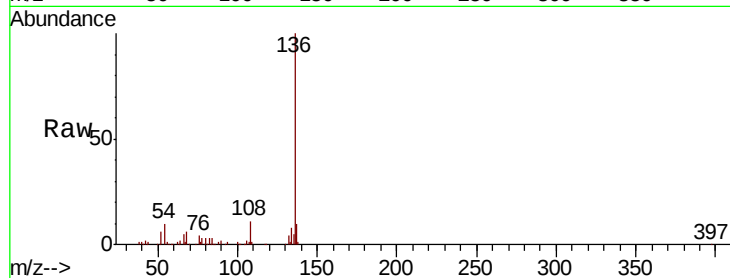




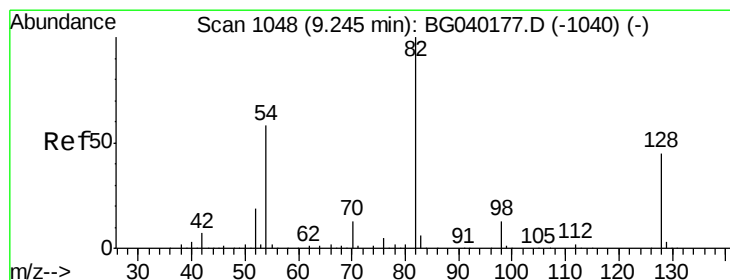
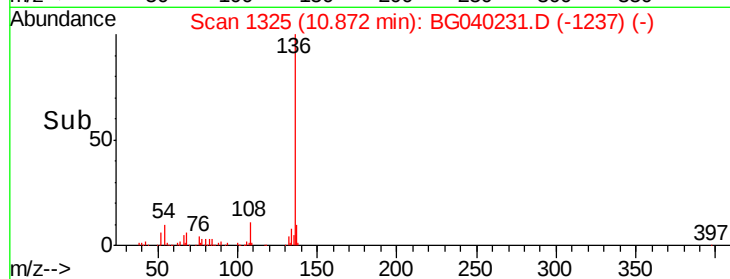
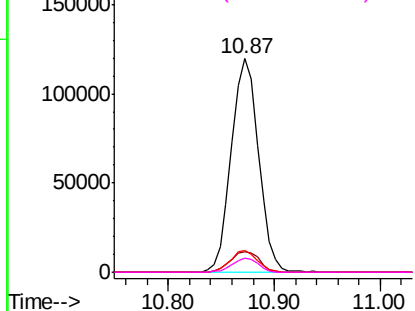
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040231.D
Acq: 29 Mar 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB118394BL

Tgt Ion:	136	Resp:	213092
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	10.0	9.6	14.4
68	6.3	5.1	7.7

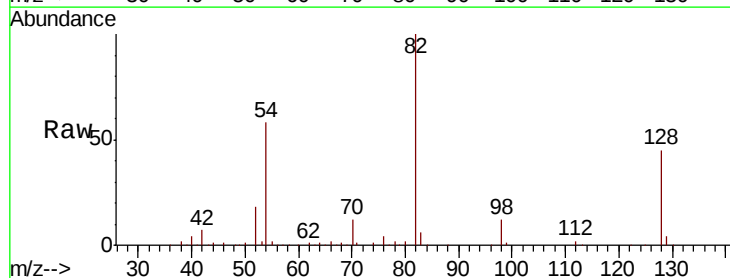


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

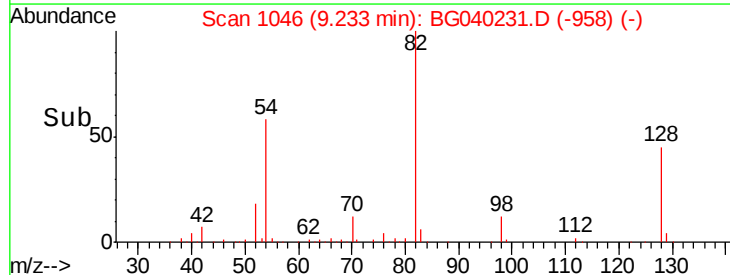
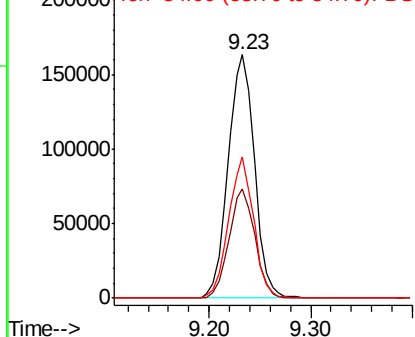


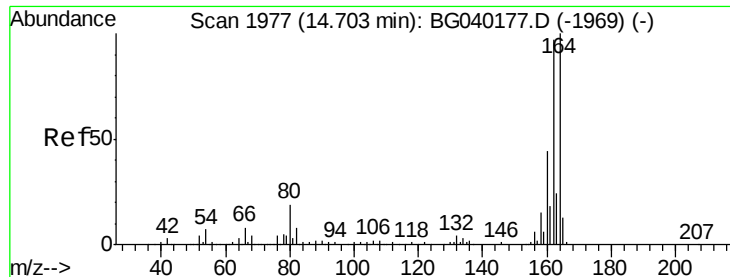
#23
Nitrobenzene-d5
Concen: 73.252 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040231.D
Acq: 29 Mar 2019 18:35

Tgt Ion:	82	Resp:	293669
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.8	53.8
54	57.8	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# 1975

Delta R.T. -0.01 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

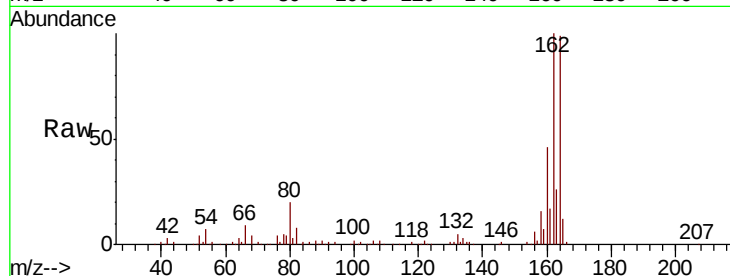
Tgt Ion:164 Resp: 140874

Ion Ratio Lower Upper

164 100

162 101.4 77.4 116.2

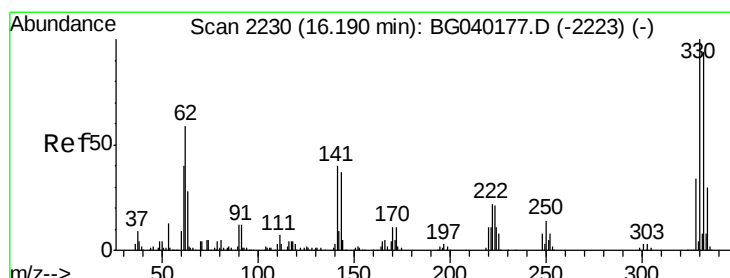
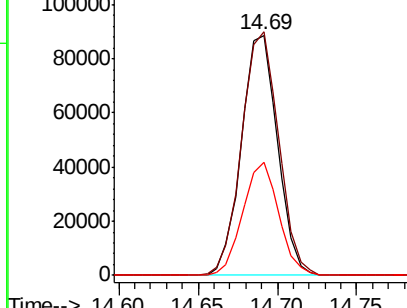
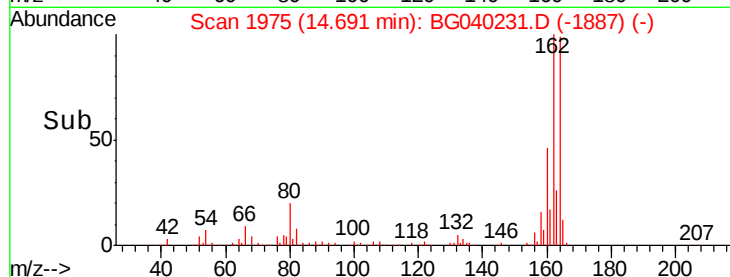
160 46.9 35.3 52.9



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: 130.970 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

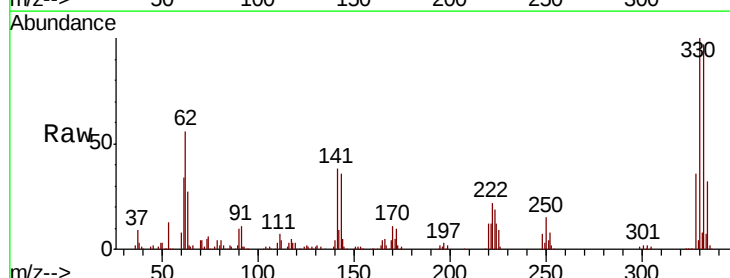
Tgt Ion:330 Resp: 199399

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

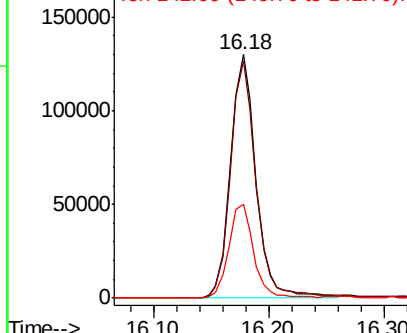
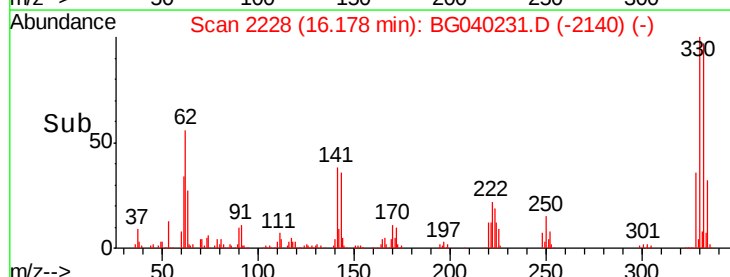
141 37.4 32.6 48.8

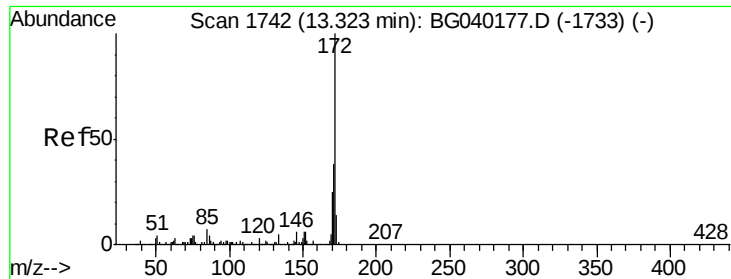


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

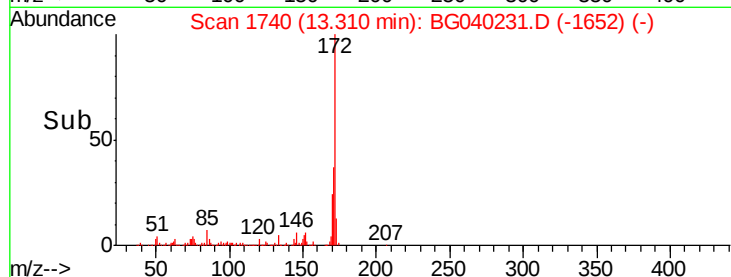
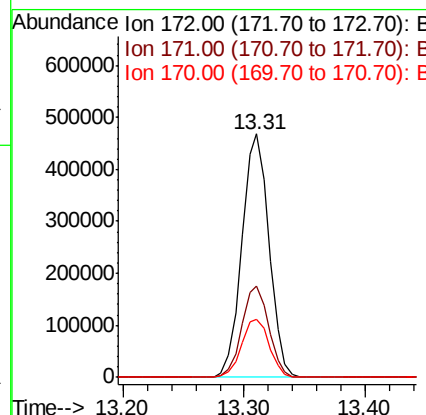
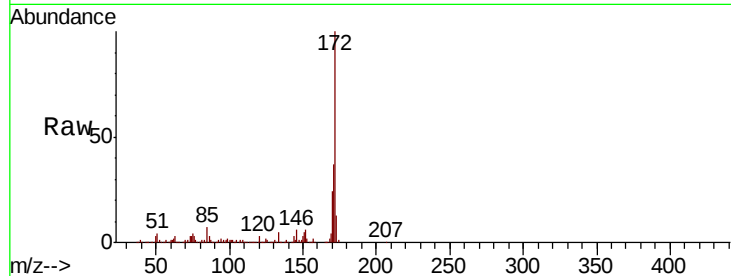




#45
2-Fluorobiphenyl
Concen: 77.111 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040231.D
Acq: 29 Mar 2019 18:35

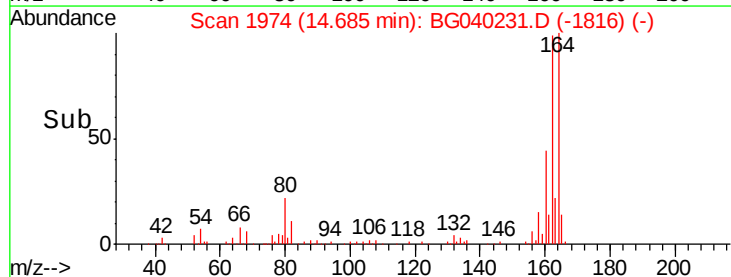
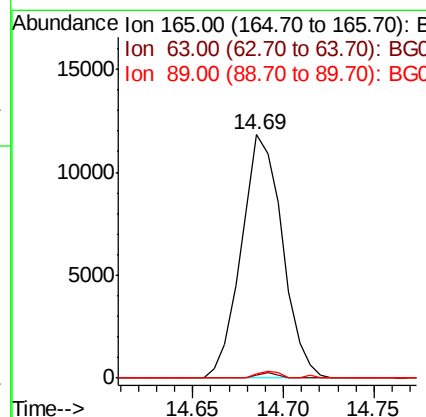
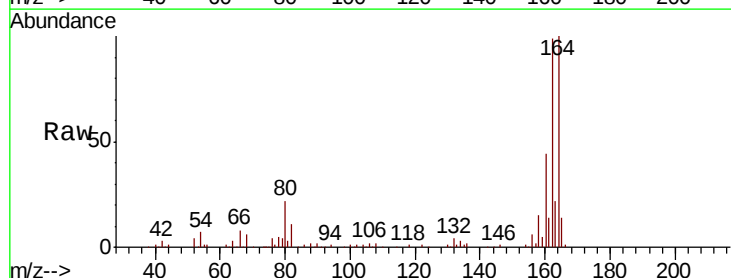
Instrument :
BNA_G
ClientSampleId :
PB118394BL

Tgt Ion:172 Resp: 733109
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 24.0 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.510 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG040231.D
Acq: 29 Mar 2019 18:35

Tgt Ion:165 Resp: 18592
Ion Ratio Lower Upper
165 100
63 1.4 44.1 66.1#
89 1.7 44.9 67.3#

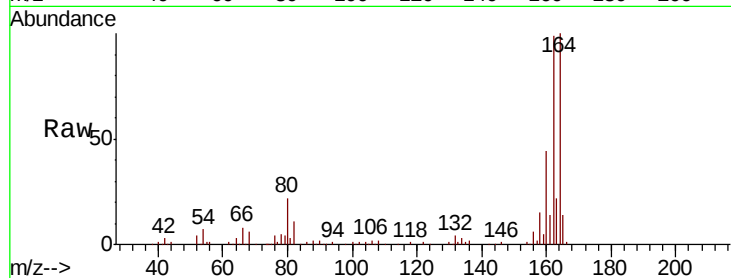




#57
 2,4-Dinitrotoluene
 Concen: 5.405 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB118394BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.6#
89	1.7	55.4	83.2#
182	0.0	2.2	3.4#

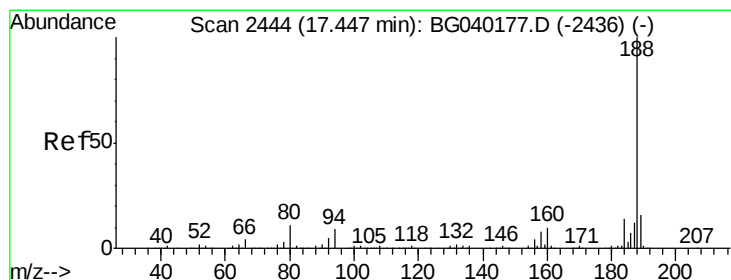
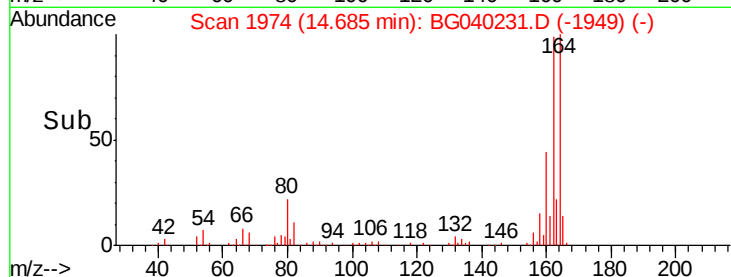
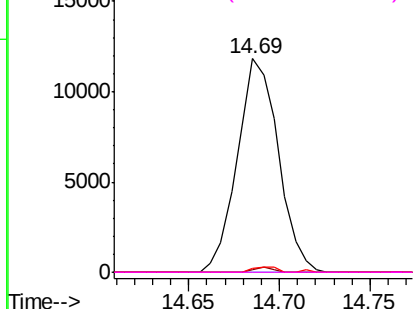


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

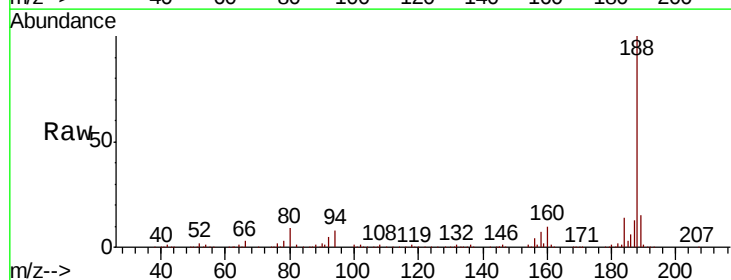
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

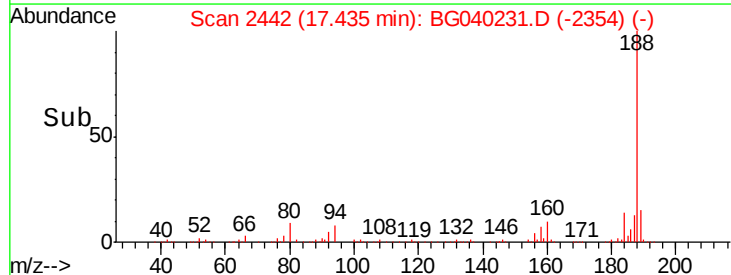
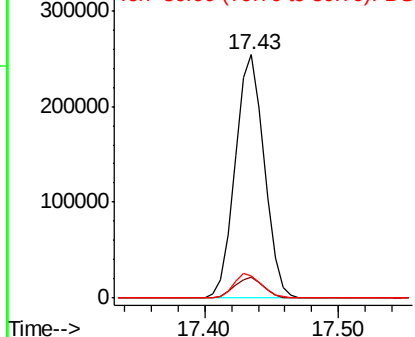
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.3	8.6	13.0



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: 3.556 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.45 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

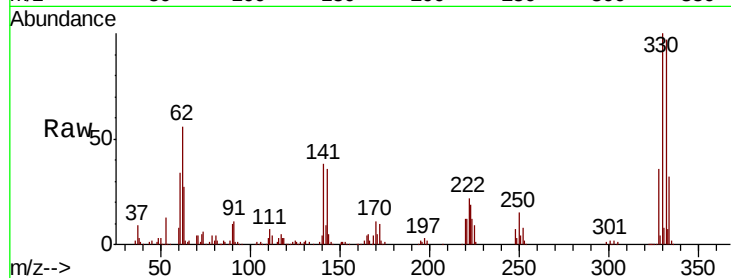
Tgt Ion:248 Resp: 15354

Ion Ratio Lower Upper

248 100

250 195.7 76.4 114.6#

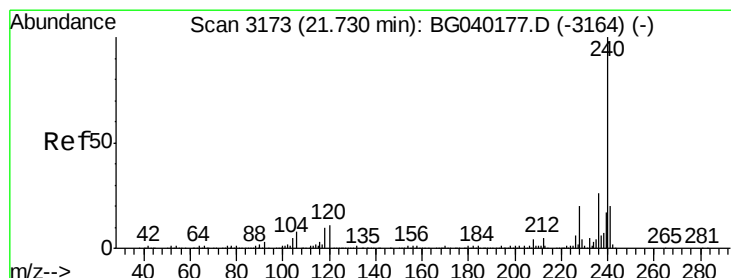
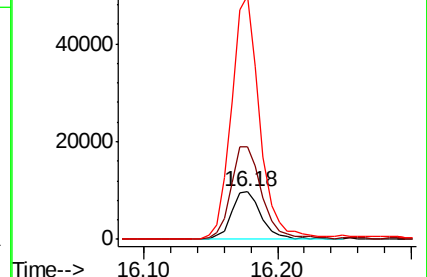
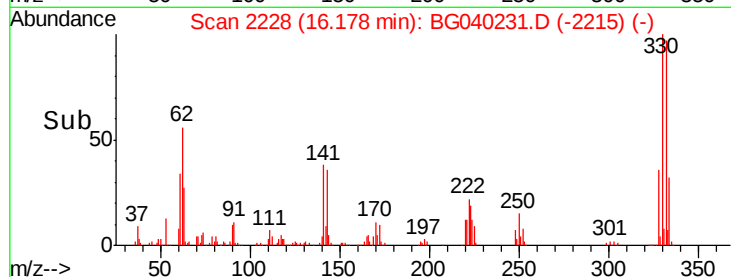
141 512.1 53.8 80.8#



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: BG040231.D

Acq: 29 Mar 2019 18:35

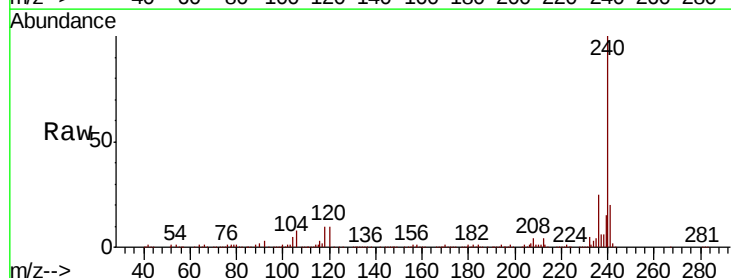
Tgt Ion:240 Resp: 405163

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

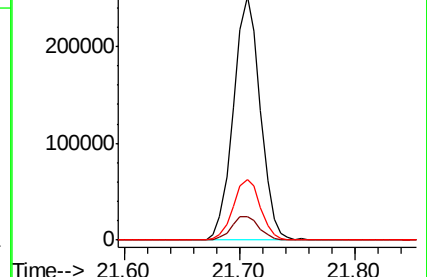
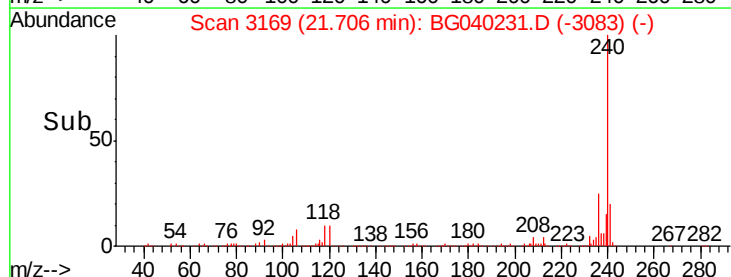
236 25.1 20.8 31.2

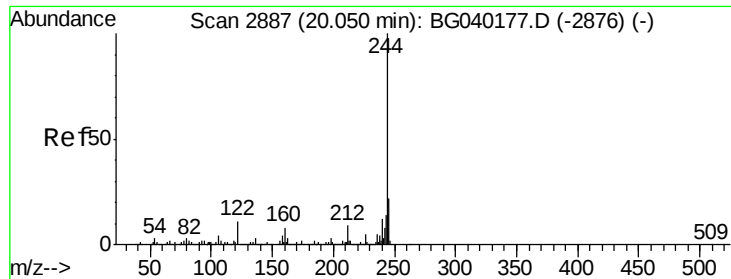


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.851 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

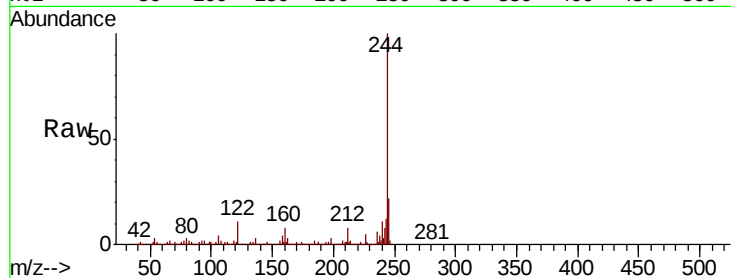
Tgt Ion:244 Resp: 1276028

Ion Ratio Lower Upper

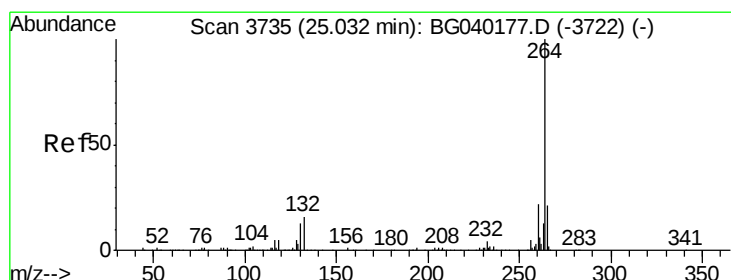
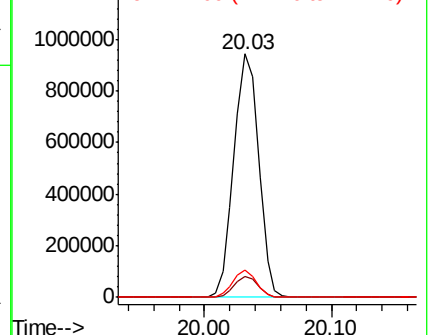
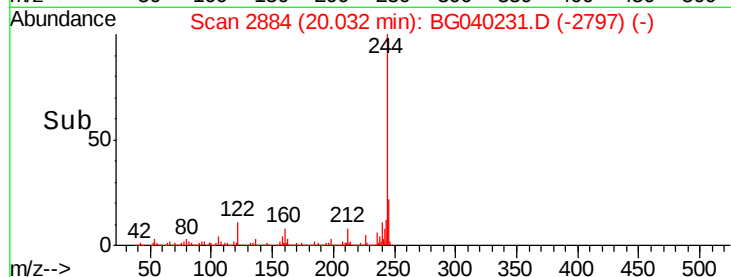
244 100

212 8.5 7.0 10.6

122 11.4 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: 24.99 min Scan# 3728

Delta R.T. -0.04 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

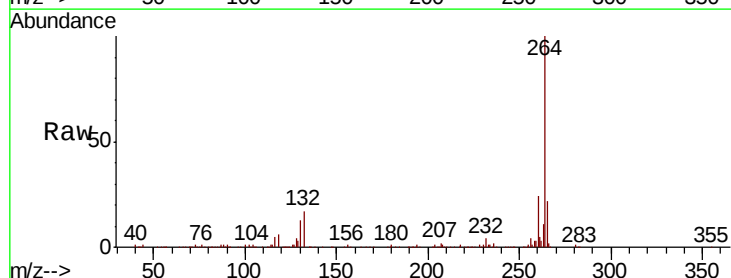
Tgt Ion:264 Resp: 396839

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.6 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

