

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012219\
 Data File : BG039253.D
 Acq On : 22 Jan 2019 16:26
 Operator : JU/SJ
 Sample : PB116551BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BL

Quant Time: Jan 22 23:41:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

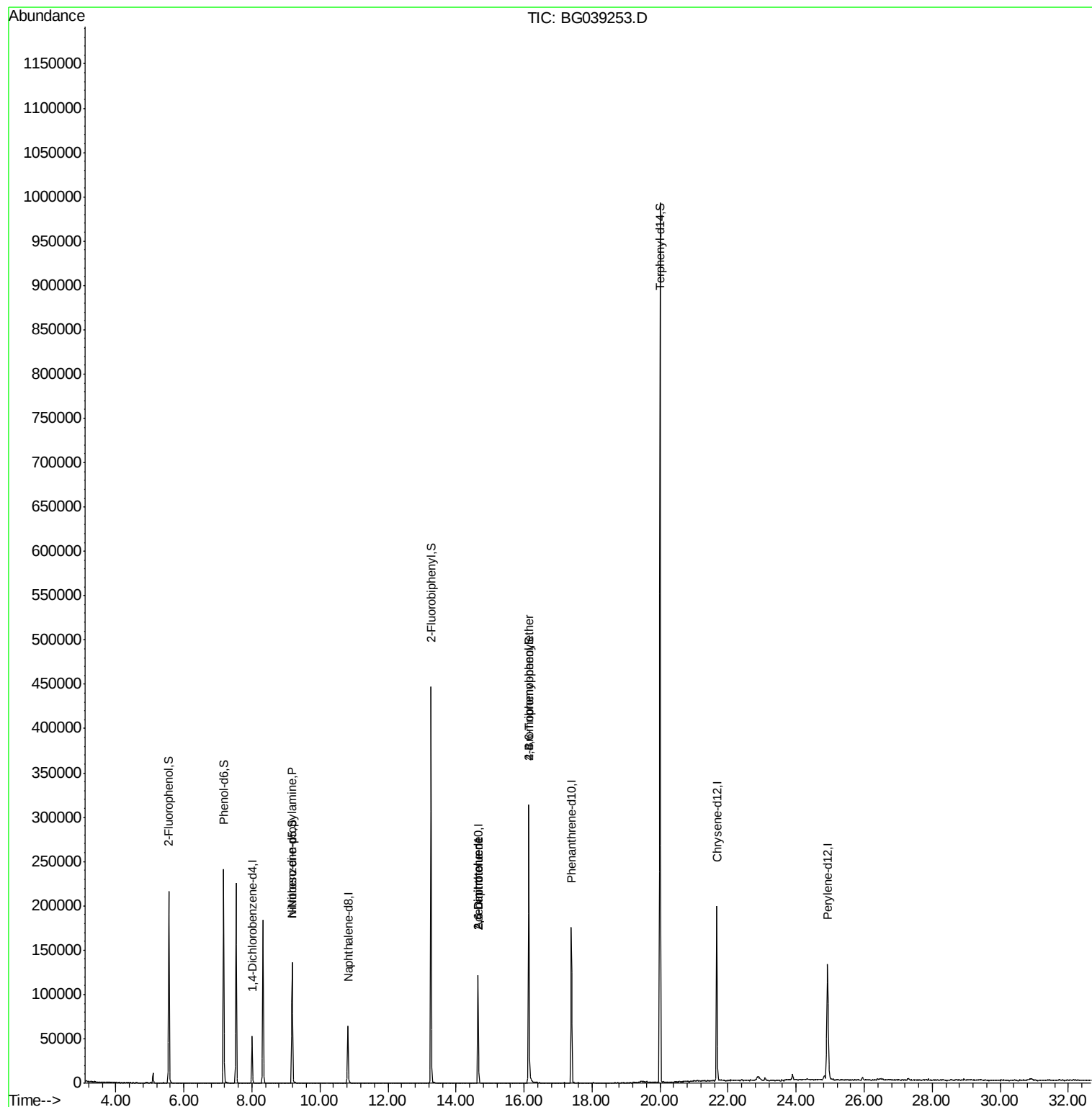
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16623	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	63480	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	45714	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	122854	20.00	ng	0.00
76) Chrysene-d12	21.67	240	135809	20.00	ng	-0.01
87) Perylene-d12	24.92	264	165315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	94330	107.65	ng	0.00
7) Phenol-d6	7.17	99	144037	114.22	ng	0.00
23) Nitrobenzene-d5	9.18	82	82806	71.38	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	72974	95.23	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	246157	73.69	ng	0.00
79) Terphenyl-d14	20.00	244	522210	71.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	10967	13.243	ng	# 68
51) 2,6-Dinitrotoluene	14.65	165	5664	6.558	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5664	4.571	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	4701	2.977	ng	# 1

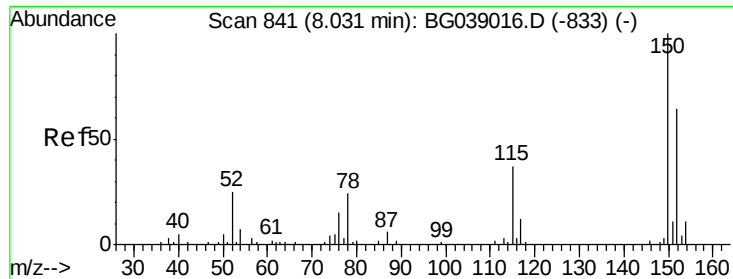
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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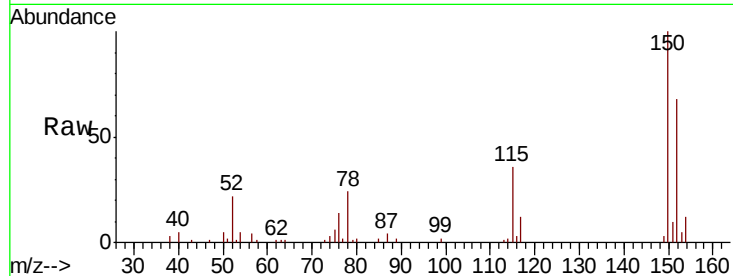


#1

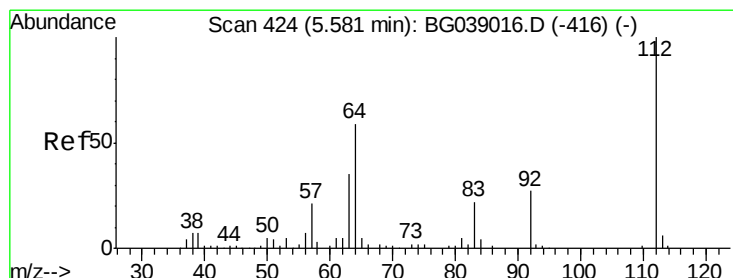
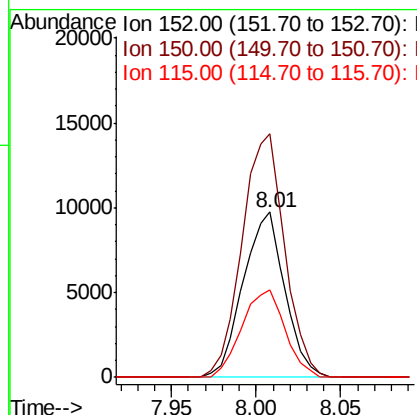
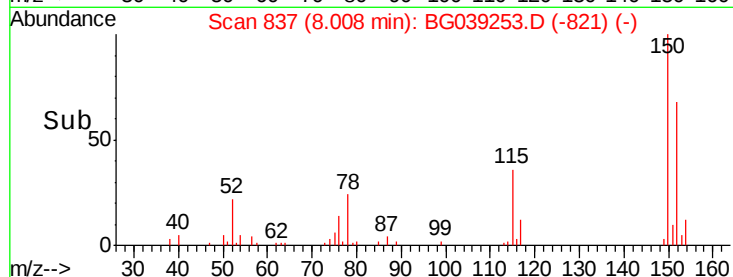
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039253.D
Acq: 22 Jan 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB116551BL

Tgt Ion:152 Resp: 16623
Ion Ratio Lower Upper
152 100
150 147.4 124.7 187.1
115 52.6 46.5 69.7



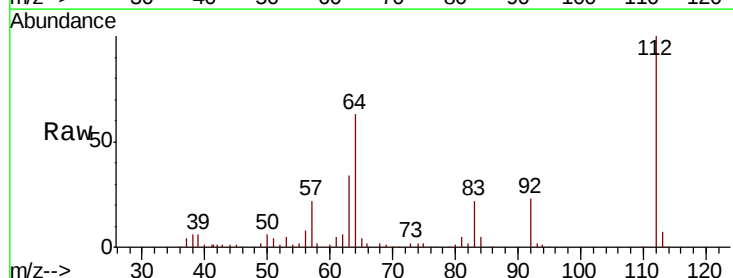
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



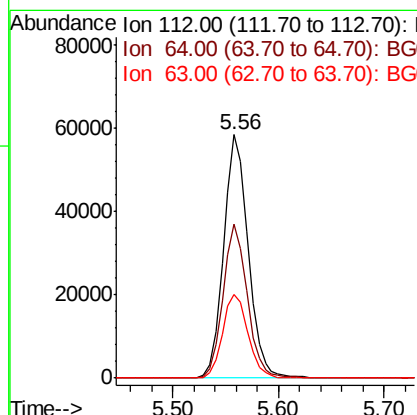
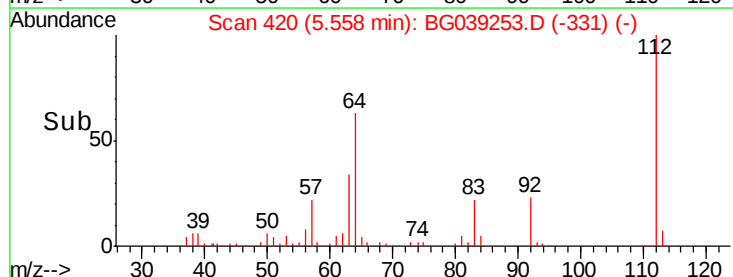
#5

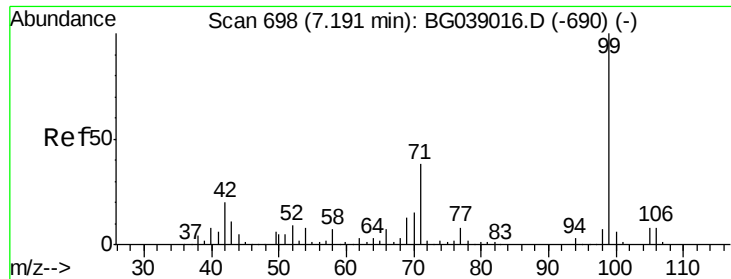
2-Fluorophenol
Concen: 107.647 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039253.D
Acq: 22 Jan 2019 16:26

Tgt Ion:112 Resp: 94330
Ion Ratio Lower Upper
112 100
64 63.4 47.0 70.6
63 34.2 28.0 42.0



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: 114.216 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039253.D

Acq: 22 Jan 2019 16:26

Instrument :

BNA_G

ClientSampleId :

PB116551BL

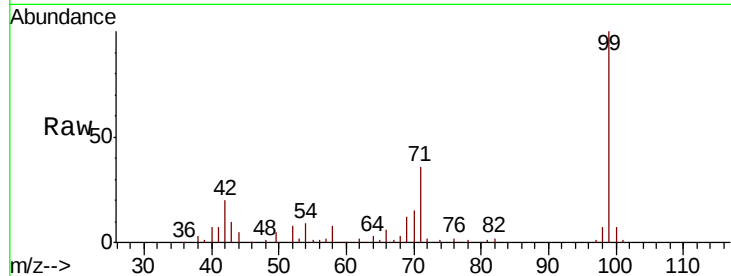
Tgt Ion: 99 Resp: 144037

Ion Ratio Lower Upper

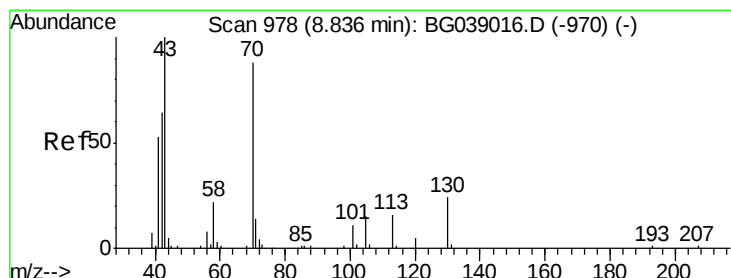
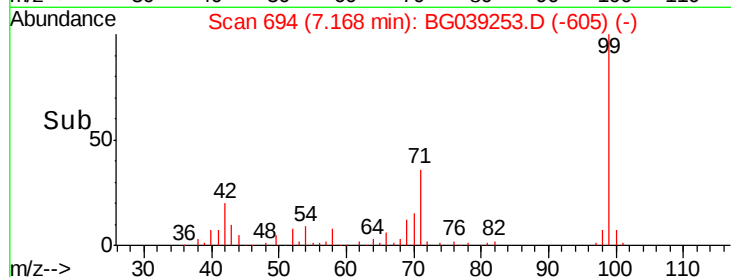
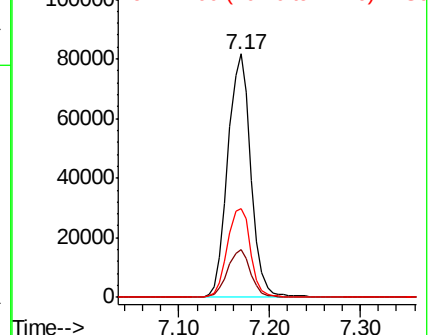
99 100

42 19.6 15.8 23.6

71 36.3 30.2 45.4



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: 13.243 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.36 min

Lab File: BG039253.D

Acq: 22 Jan 2019 16:26

Tgt Ion: 70 Resp: 10967

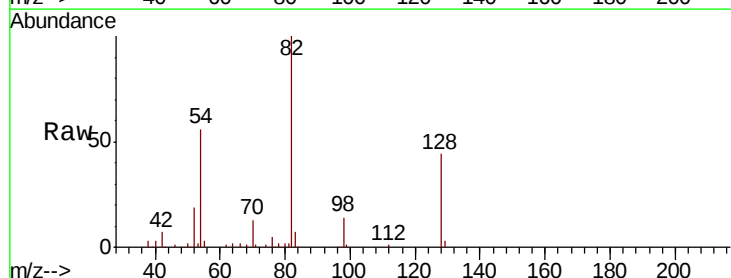
Ion Ratio Lower Upper

70 100

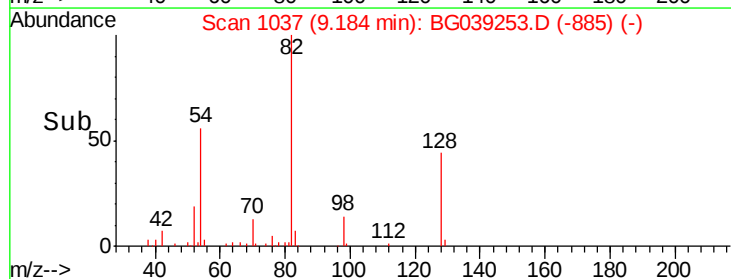
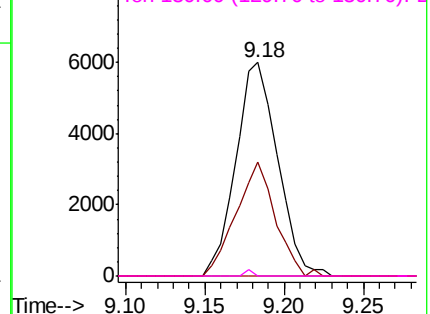
42 53.3 59.0 88.4#

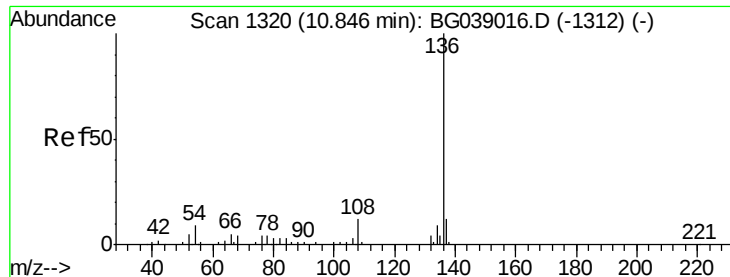
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



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

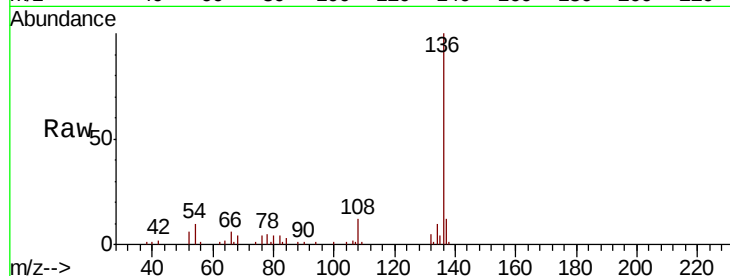




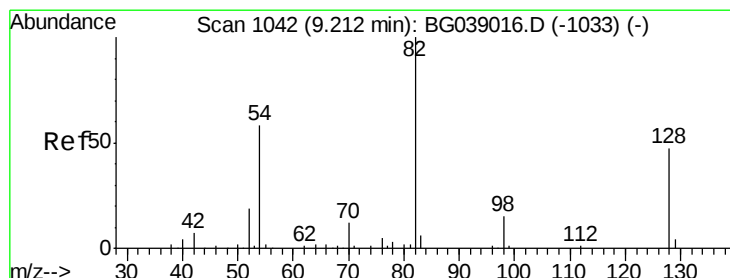
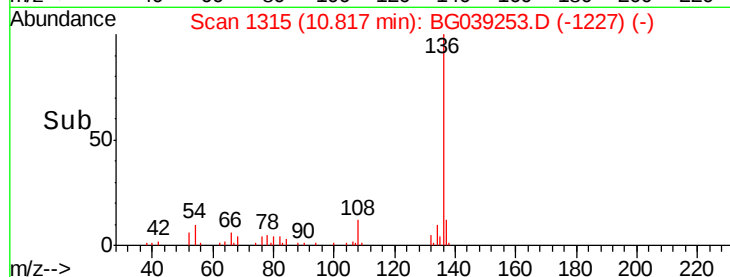
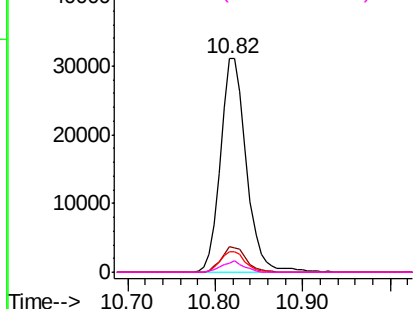
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG039253.D
Acq: 22 Jan 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB116551BL

Tgt Ion:	136	Resp:	63480
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.2
54	9.6	7.2	10.8
68	4.2	3.5	5.3

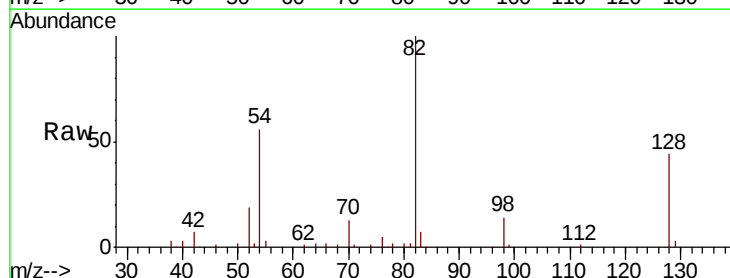


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

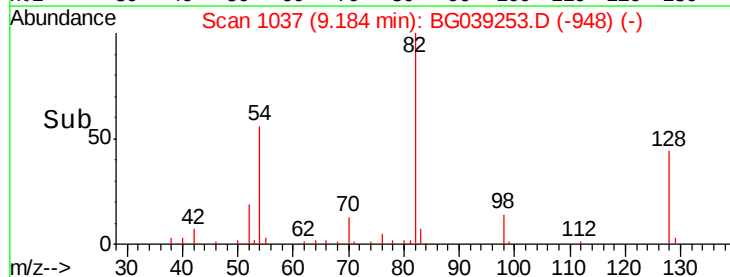
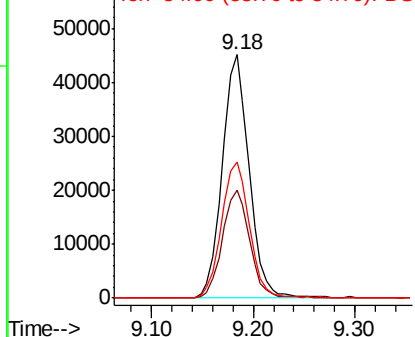


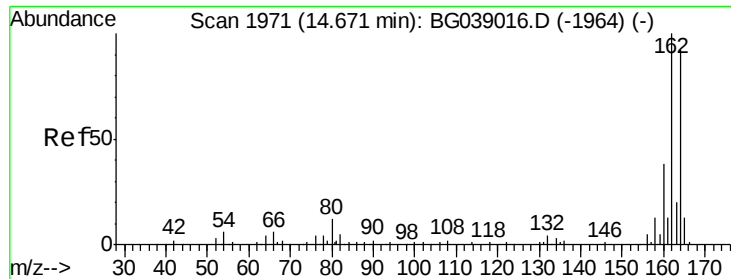
#23
Nitrobenzene-d5
Concen: 71.378 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039253.D
Acq: 22 Jan 2019 16:26

Tgt Ion:	82	Resp:	82806
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.3	55.9
54	56.1	46.4	69.6



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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039253.D

Acq: 22 Jan 2019 16:26

Instrument :

BNA_G

ClientSampleId :

PB116551BL

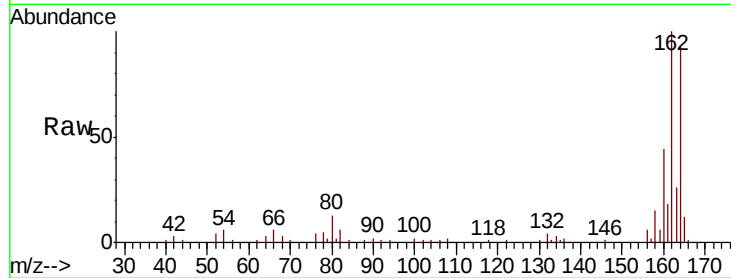
Tgt Ion:164 Resp: 45714

Ion Ratio Lower Upper

164 100

162 107.1 87.2 130.8

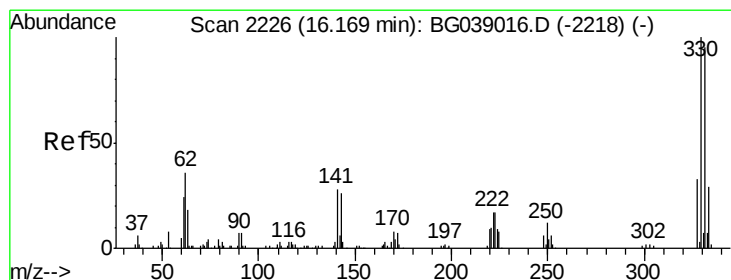
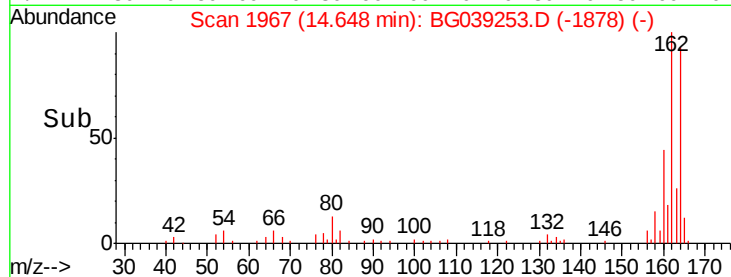
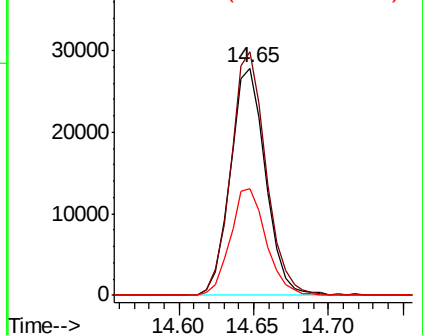
160 46.8 33.3 49.9



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: 95.230 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039253.D

Acq: 22 Jan 2019 16:26

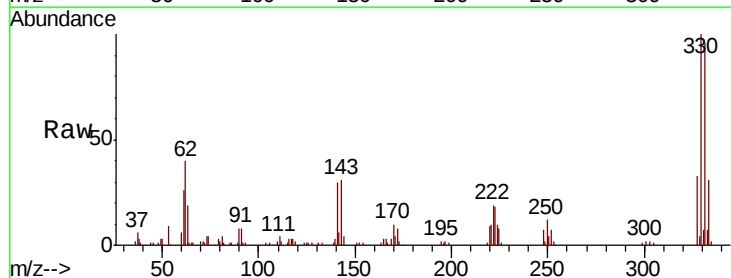
Tgt Ion:330 Resp: 72974

Ion Ratio Lower Upper

330 100

332 99.4 75.7 113.5

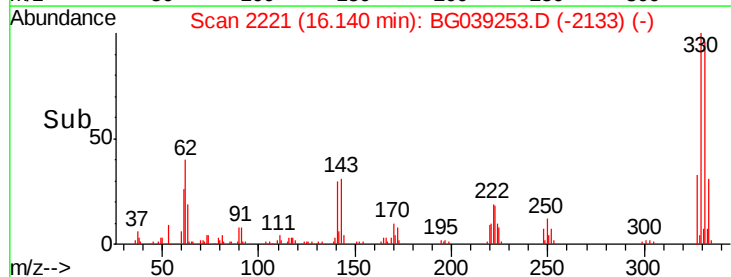
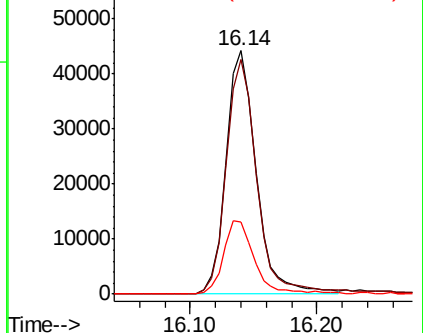
141 31.0 24.9 37.3

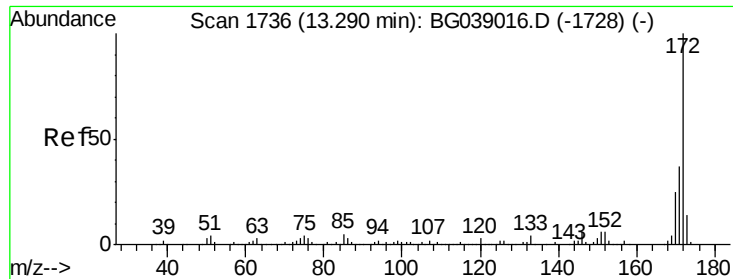


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

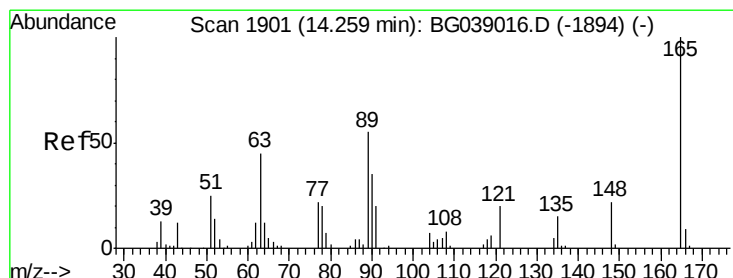
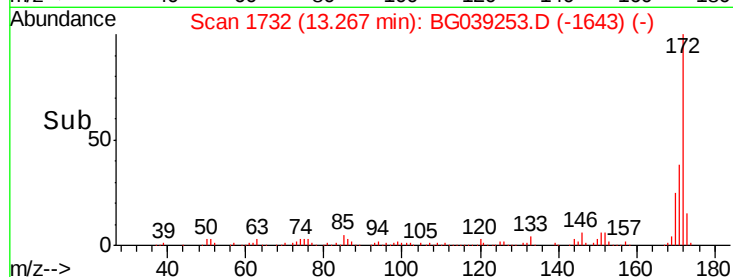
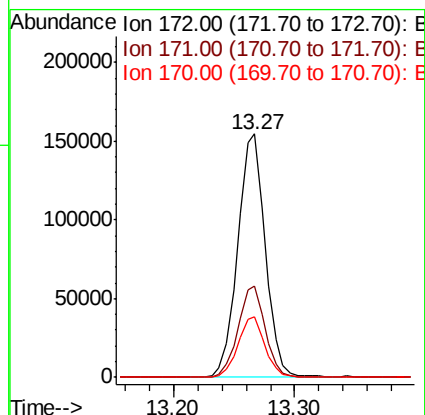
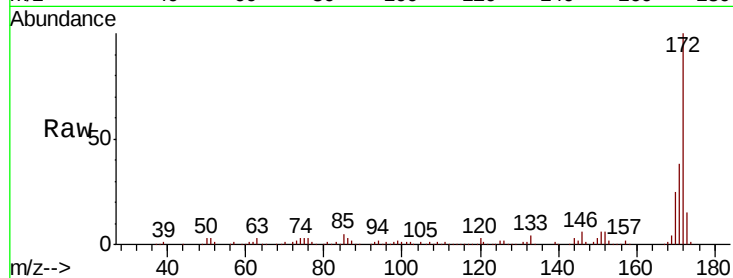




#45
 2-Fluorobiphenyl
 Concen: 73.693 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039253.D
 Acq: 22 Jan 2019 16:26

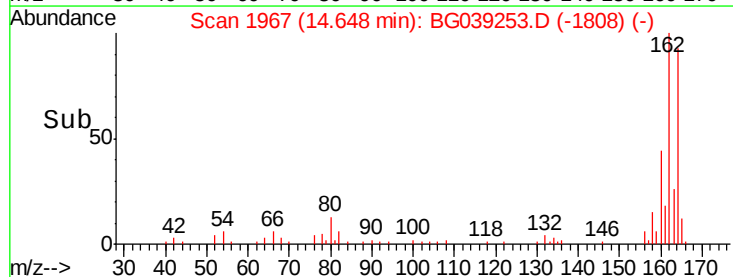
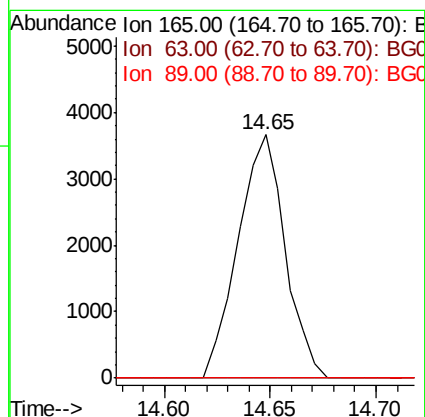
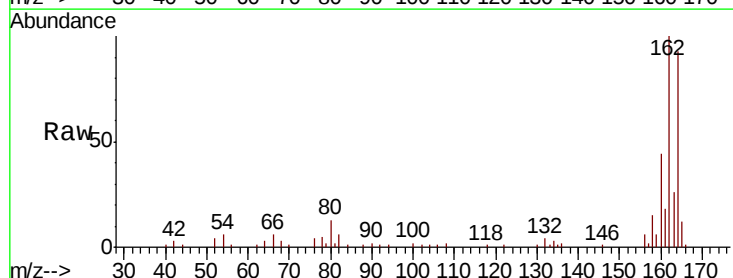
Instrument :
 BNA_G
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 PB116551BL

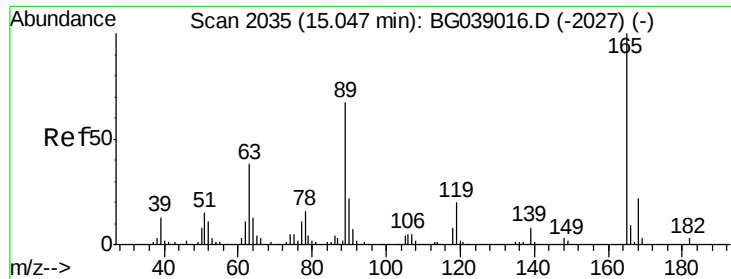
Tgt Ion:172 Resp: 246157
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.4 44.0
 170 24.6 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.558 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039253.D
 Acq: 22 Jan 2019 16:26

Tgt Ion:165 Resp: 5664
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

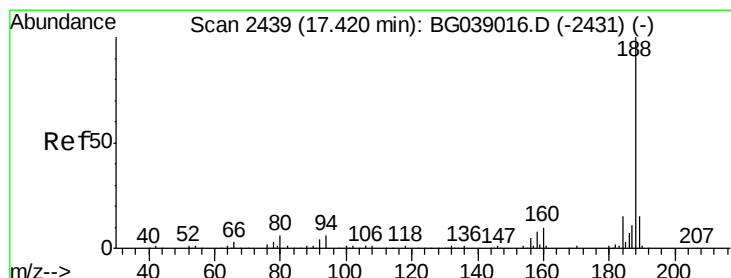
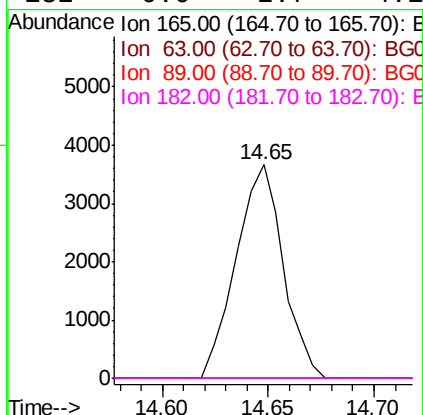
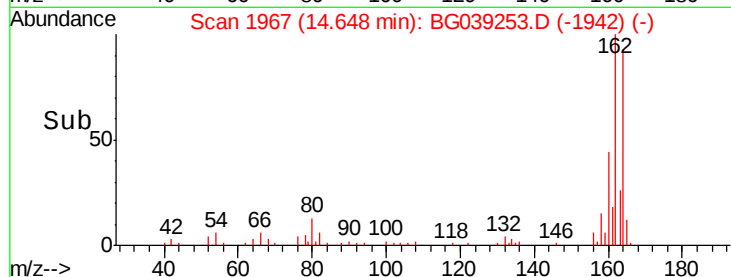
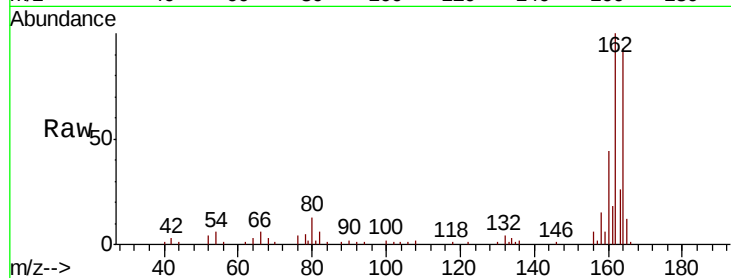




#57
2,4-Dinitrotoluene
Concen: 4.571 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.38 min
Lab File: BG039253.D
Acq: 22 Jan 2019 16:26

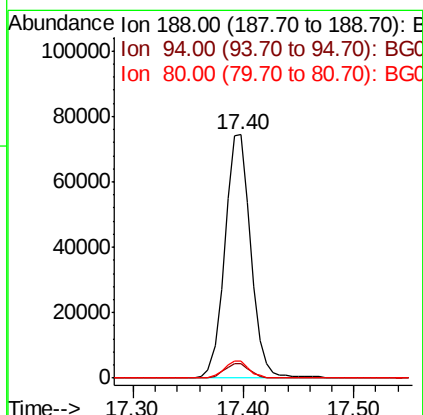
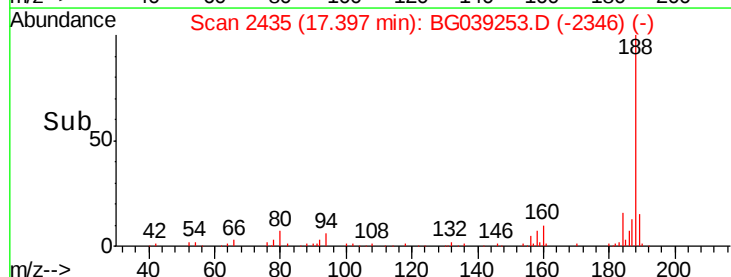
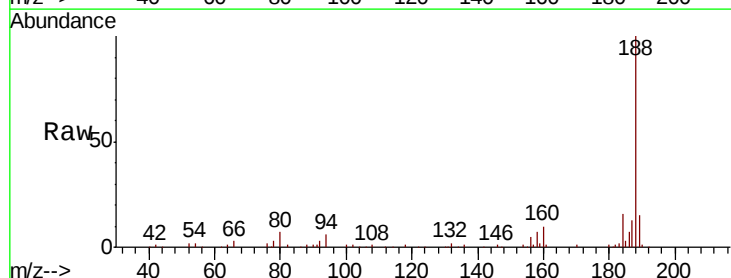
Instrument :
BNA_G
ClientSampleId :
PB116551BL

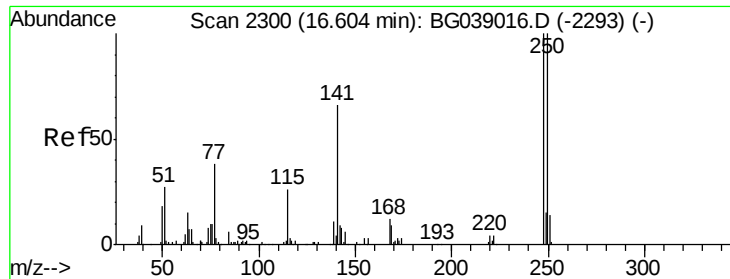
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039253.D
Acq: 22 Jan 2019 16:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	6.8	4.7	7.1

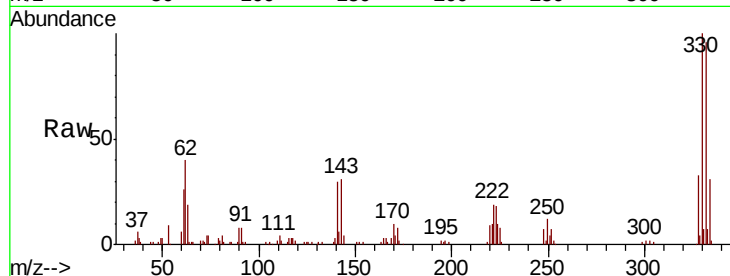




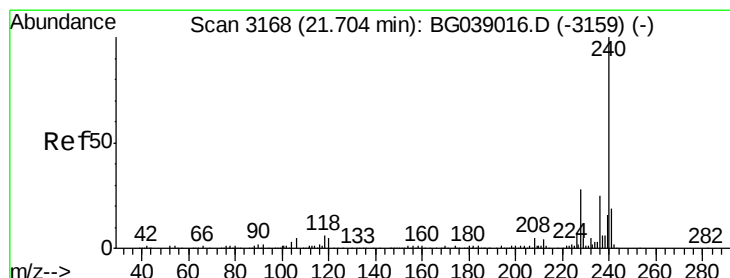
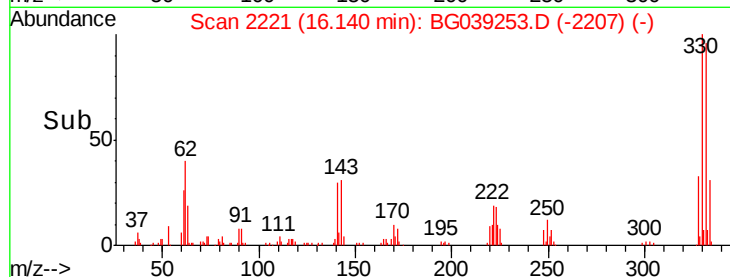
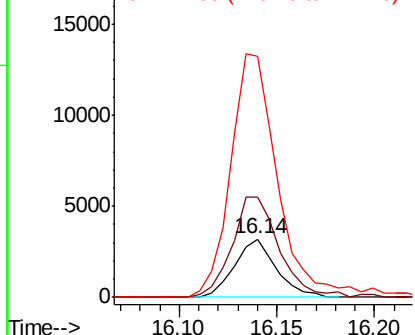
#67
 4-Bromophenyl-phenylether
 Concen: 2.977 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039253.D
 Acq: 22 Jan 2019 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BL

Tgt Ion:248 Resp: 4701
 Ion Ratio Lower Upper
 248 100
 250 172.7 79.9 119.9#
 141 319.2 52.7 79.1#

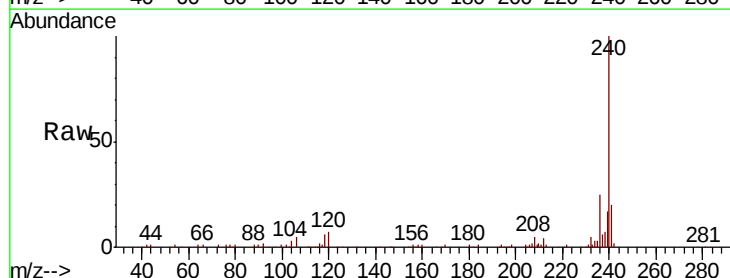


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

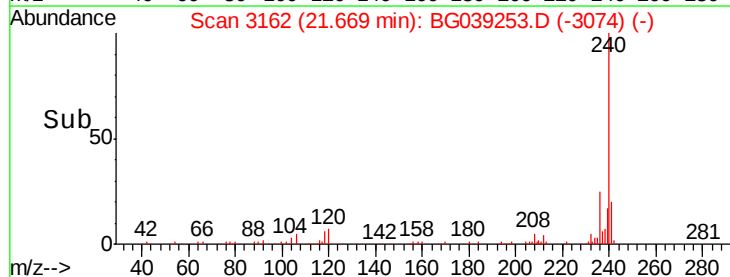
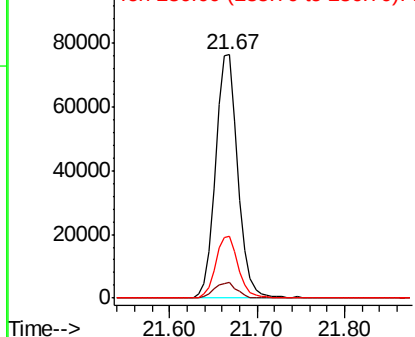


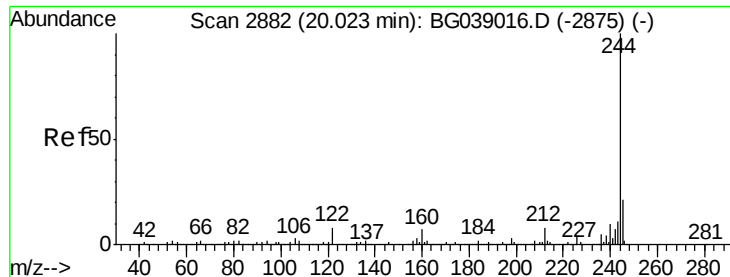
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039253.D
 Acq: 22 Jan 2019 16:26

Tgt Ion:240 Resp: 135809
 Ion Ratio Lower Upper
 240 100
 120 6.7 4.3 6.5#
 236 25.2 20.1 30.1



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: 71.132 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039253.D

Acq: 22 Jan 2019 16:26

Instrument :

BNA_G

ClientSampleId :

PB116551BL

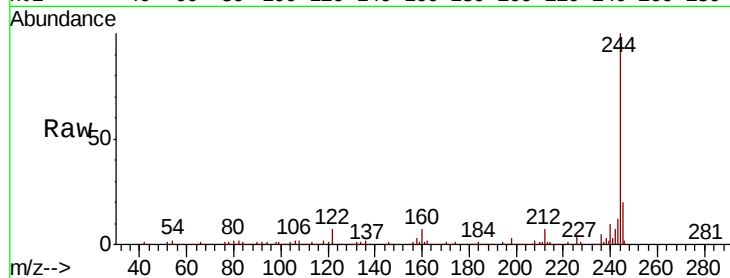
Tgt Ion:244 Resp: 522210

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

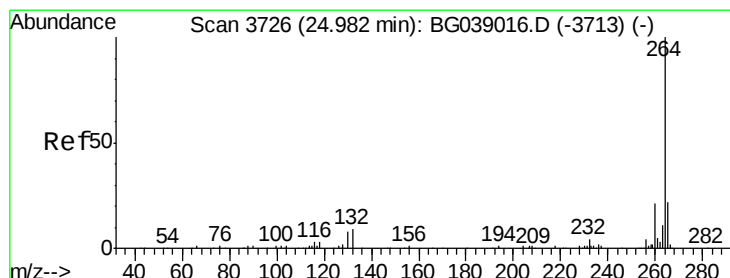
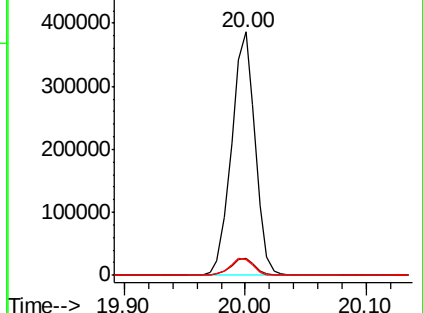
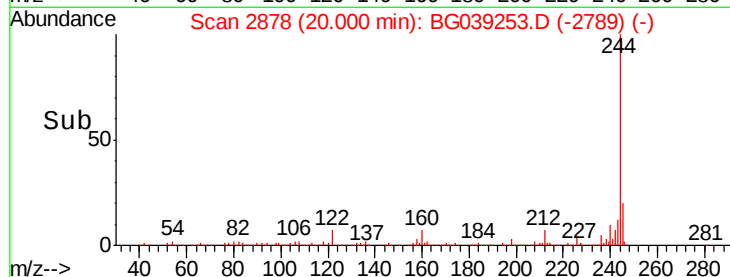
122 6.6 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG039253.D

Acq: 22 Jan 2019 16:26

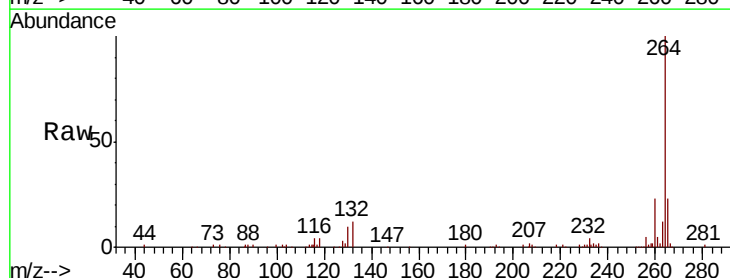
Tgt Ion:264 Resp: 165315

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.6

265 22.6 17.2 25.8



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

