

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039181.D
 Acq On : 17 Jan 2019 6:48
 Operator : JU/SJ
 Sample : PB116427BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BL

Quant Time: Jan 17 08:10:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

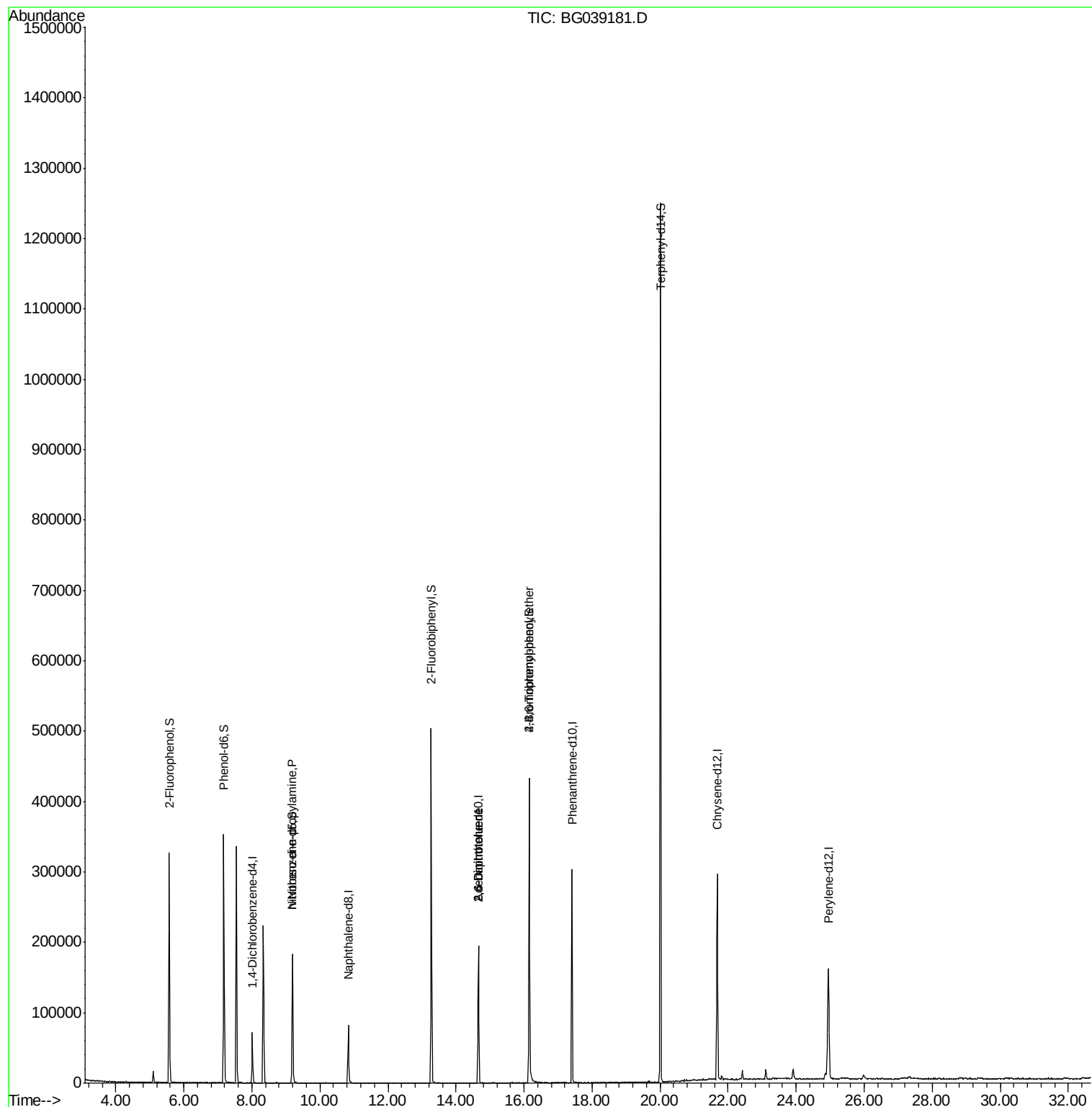
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21426	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	82562	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	71675	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	205366	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	194570	20.00	ng	-0.02
87) Perylene-d12	24.95	264	204468	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	154925	137.17	ng	-0.01
7) Phenol-d6	7.17	99	218076	134.16	ng	-0.02
23) Nitrobenzene-d5	9.19	82	117799	78.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	102988	85.72	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	284654	54.35	ng	-0.02
79) Terphenyl-d14	20.01	244	670358	63.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	15530	14.549	ng	# 59
51) 2,6-Dinitrotoluene	14.65	165	9656	7.131	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	9656	4.970	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	6804	2.577	ng	# 1

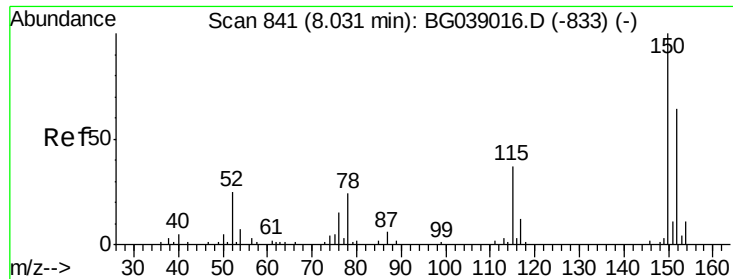
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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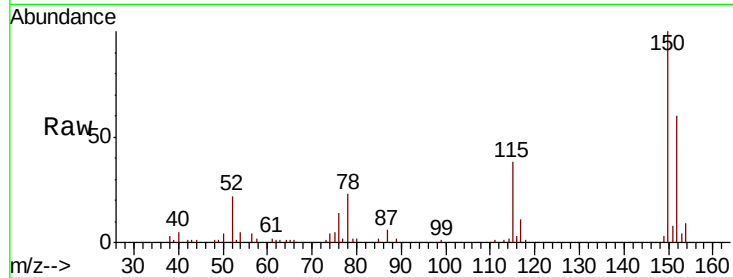


#1

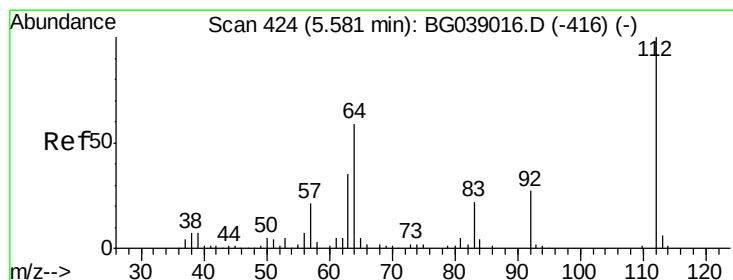
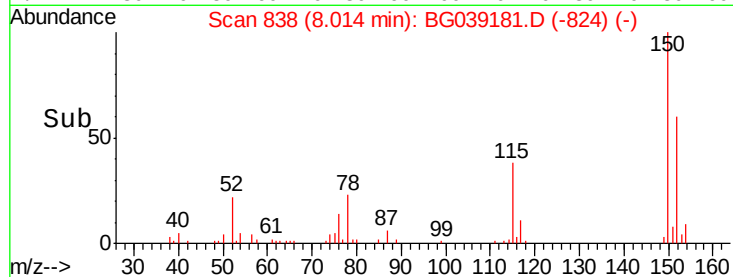
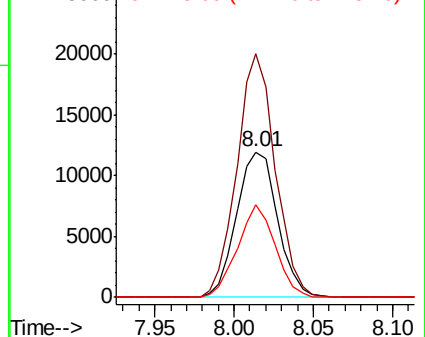
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039181.D
Acq: 17 Jan 2019 6:48

Instrument :
BNA_G
ClientSampleId :
PB116427BL

Tgt Ion:152 Resp: 21426
Ion Ratio Lower Upper
152 100
150 167.8 124.7 187.1
115 63.4 46.5 69.7



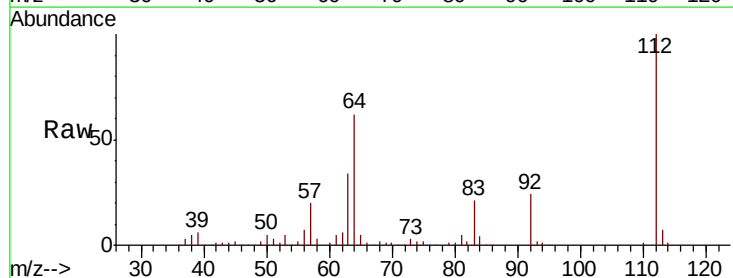
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



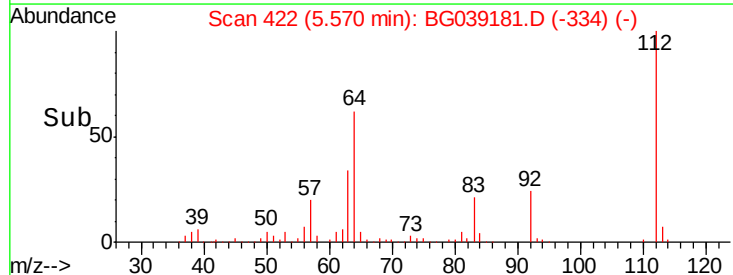
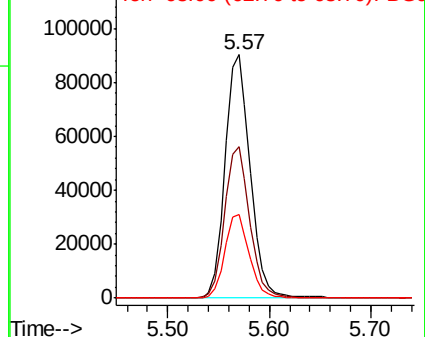
#5

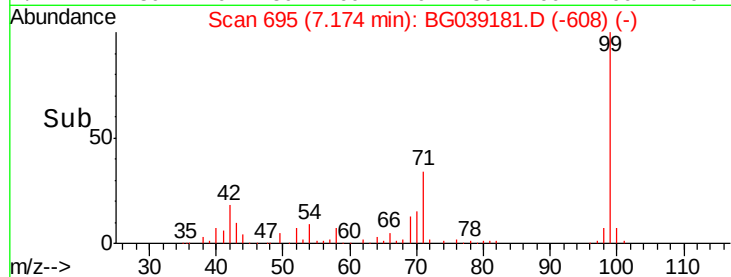
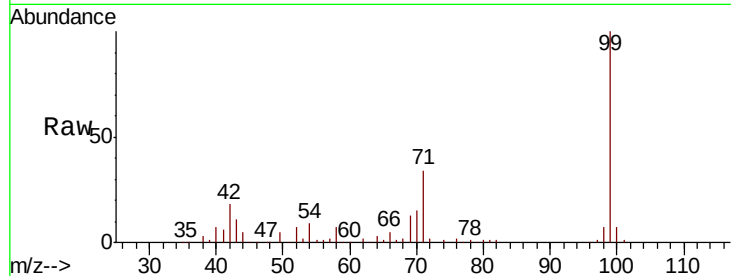
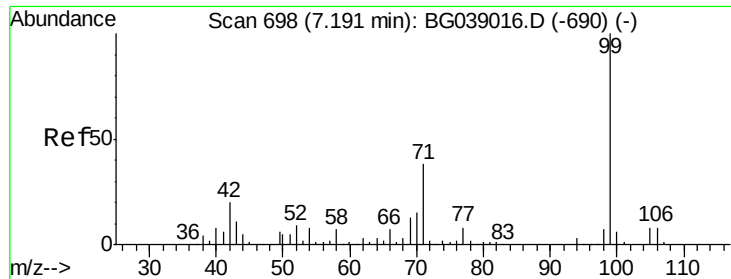
2-Fluorophenol
Concen: 137.165 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039181.D
Acq: 17 Jan 2019 6:48

Tgt Ion:112 Resp: 154925
Ion Ratio Lower Upper
112 100
64 62.4 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: 134.162 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039181.D

Acq: 17 Jan 2019 6:48

Instrument :

BNA_G

ClientSampleId :

PB116427BL

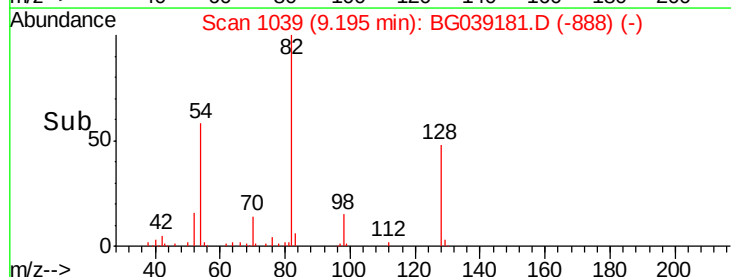
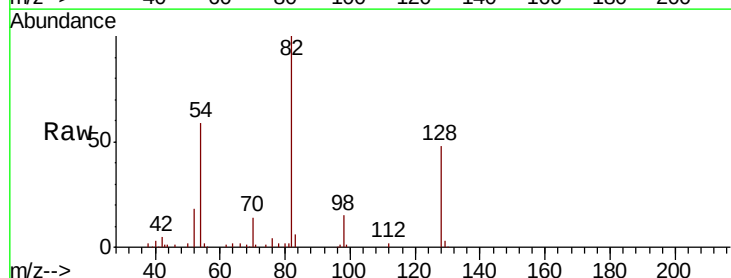
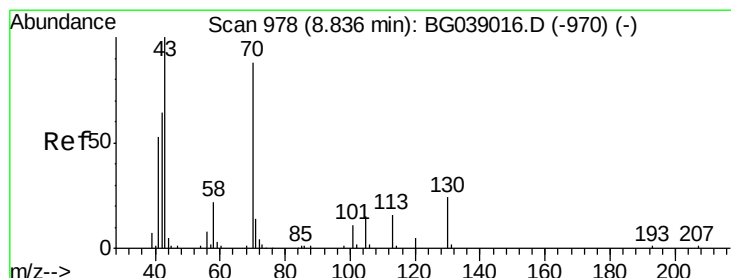
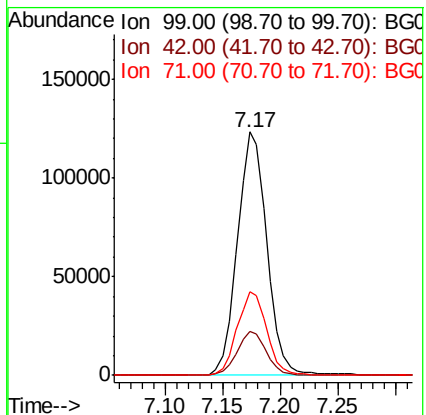
Tgt Ion: 99 Resp: 218076

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 34.2 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.549 ng

RT: 9.19 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039181.D

Acq: 17 Jan 2019 6:48

Tgt Ion: 70 Resp: 15530

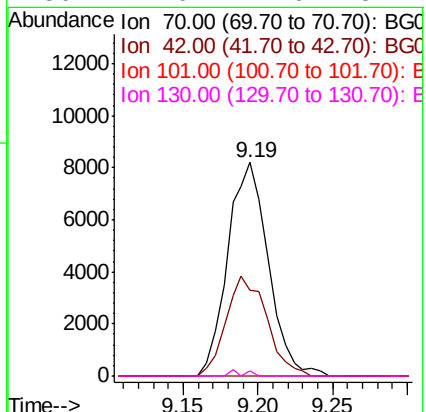
Ion Ratio Lower Upper

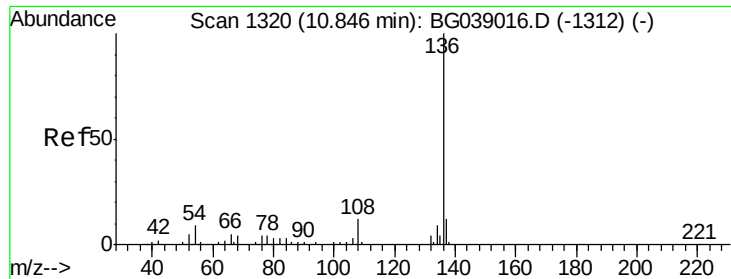
70 100

42 40.1 59.0 88.4#

101 0.0 10.4 15.6#

130 2.6 21.6 32.4#

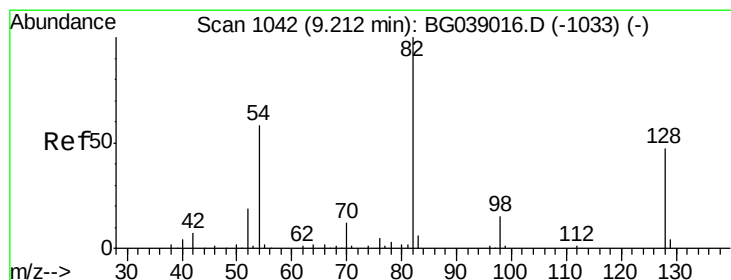
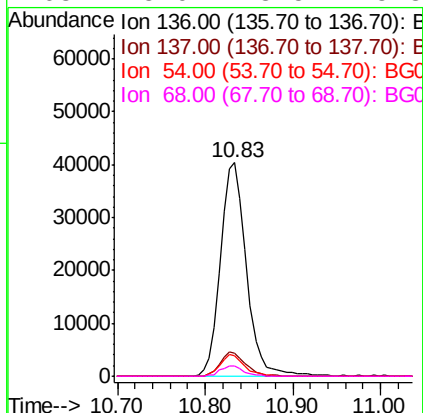
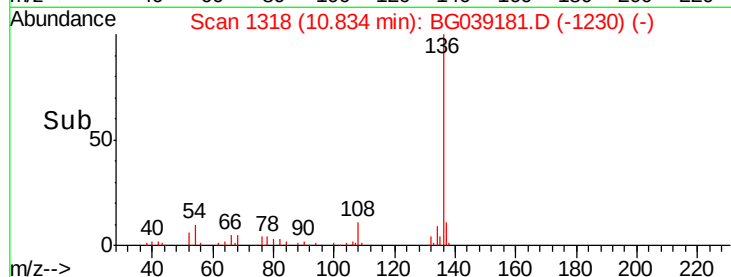
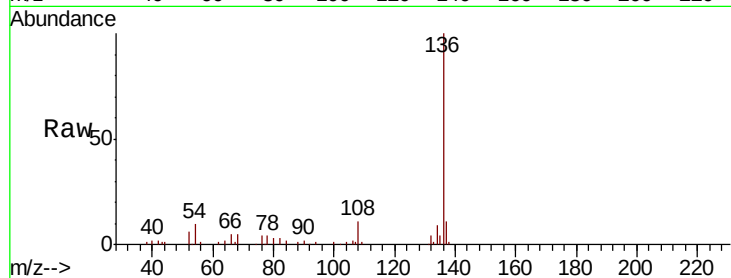




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039181.D
Acq: 17 Jan 2019 6:48

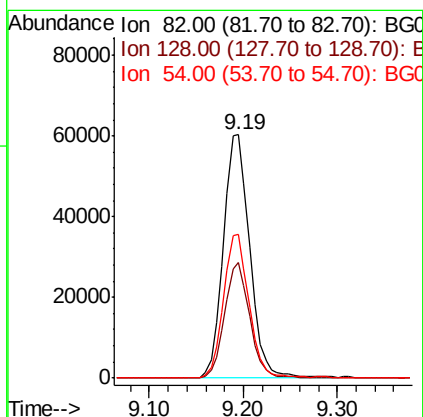
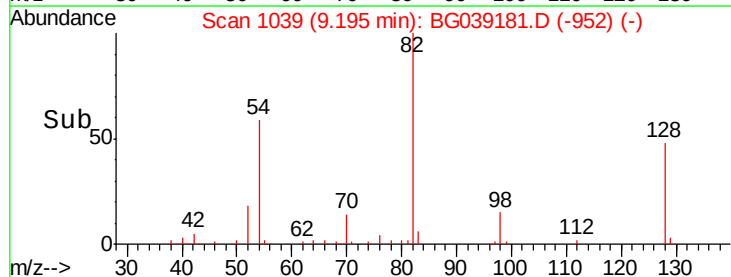
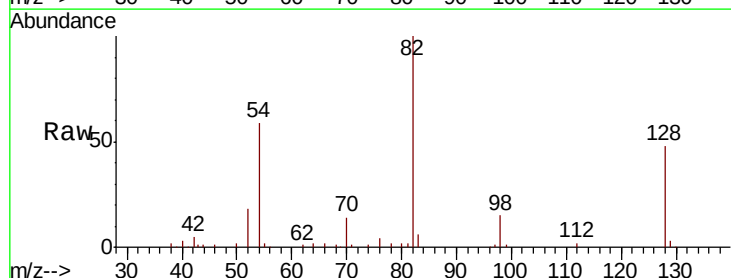
Instrument :
BNA_G
ClientSampleId :
PB116427BL

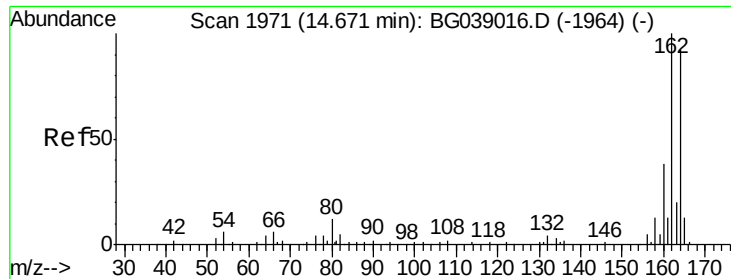
Tgt Ion:	136	Resp:	82562
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.6	7.2	10.8
68	5.0	3.5	5.3



#23
Nitrobenzene-d5
Concen: 78.073 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039181.D
Acq: 17 Jan 2019 6:48

Tgt Ion:	82	Resp:	117799
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.3	55.9
54	58.8	46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG039181.D

Acq: 17 Jan 2019 6:48

Instrument :

BNA_G

ClientSampleId :

PB116427BL

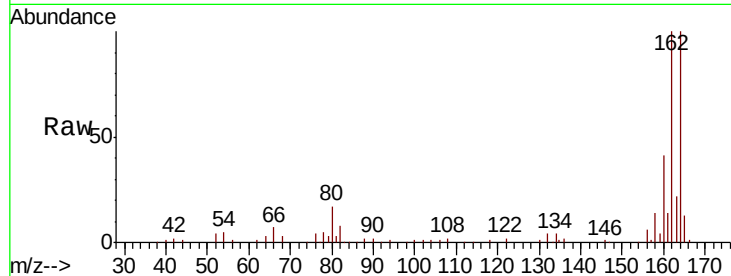
Tgt Ion:164 Resp: 71675

Ion Ratio Lower Upper

164 100

162 100.0 87.2 130.8

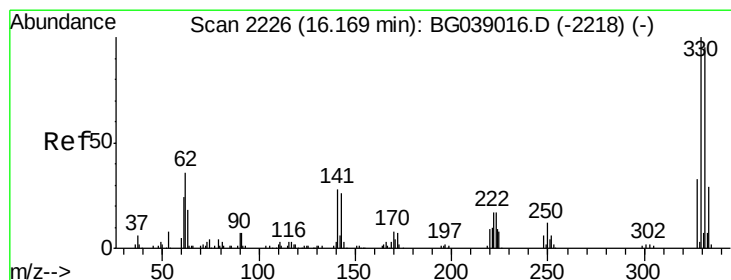
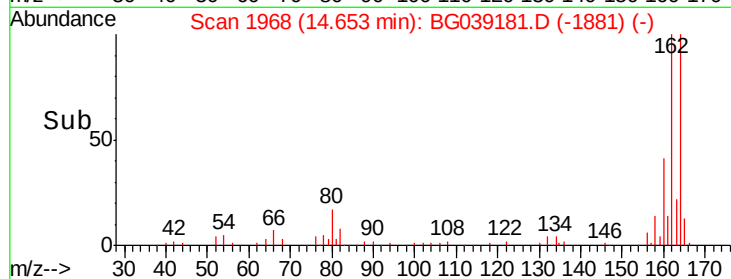
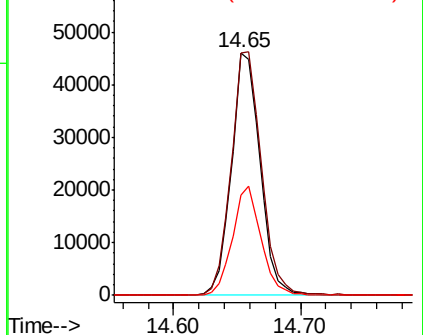
160 41.5 33.3 49.9



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: 85.718 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039181.D

Acq: 17 Jan 2019 6:48

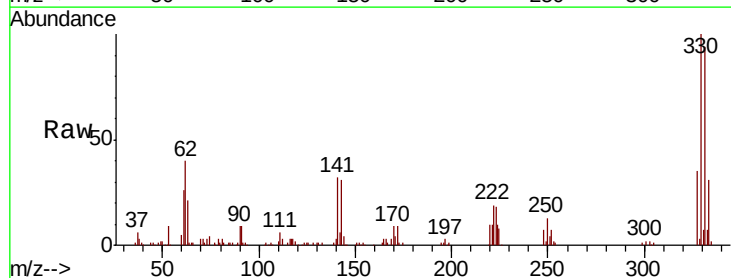
Tgt Ion:330 Resp: 102988

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

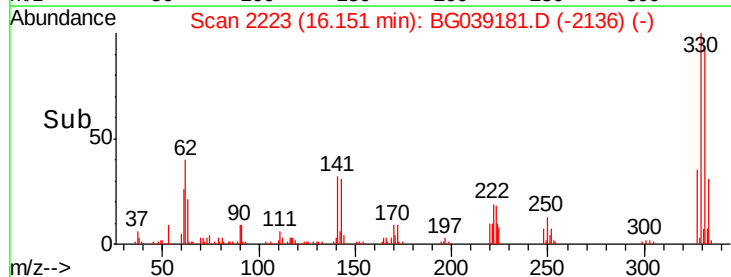
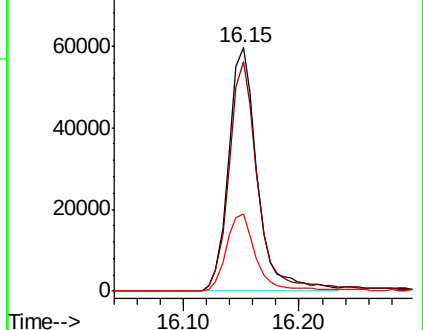
141 33.3 24.9 37.3

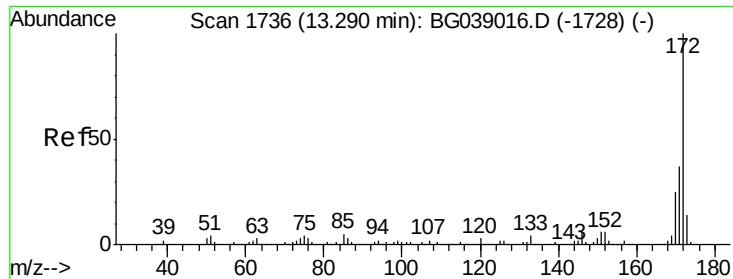


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

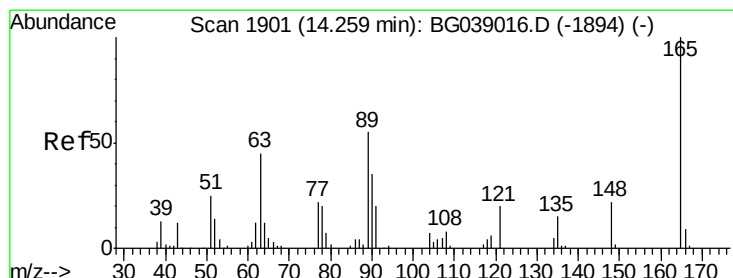
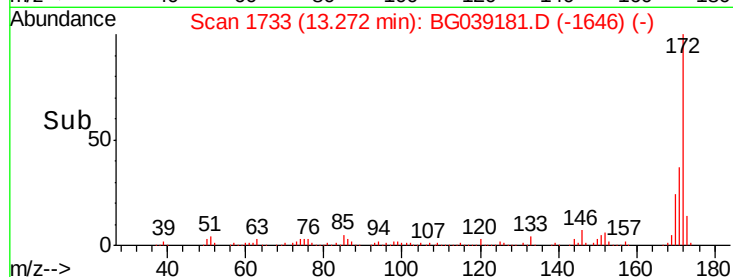
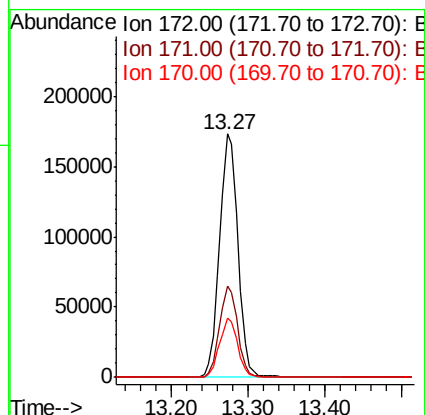
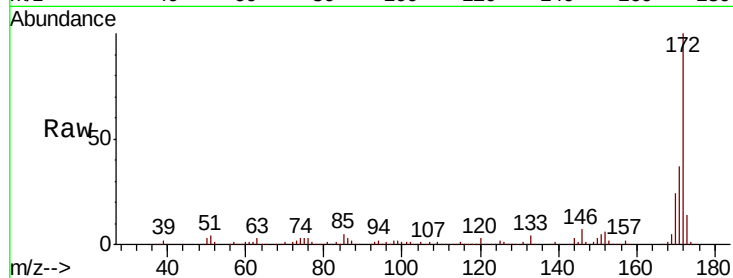




#45
 2-Fluorobiphenyl
 Concen: 54.352 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG039181.D
 Acq: 17 Jan 2019 6:48

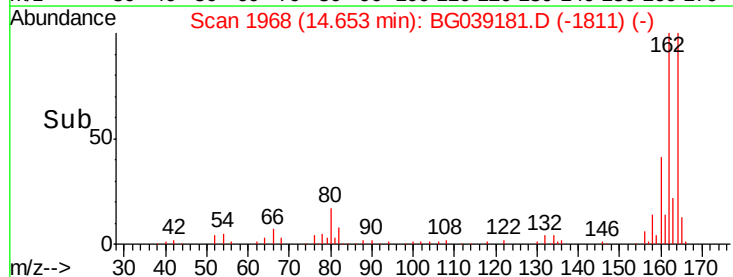
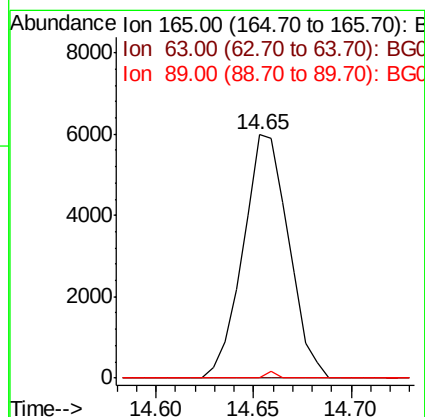
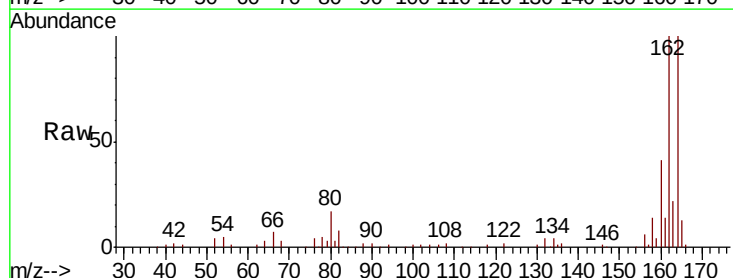
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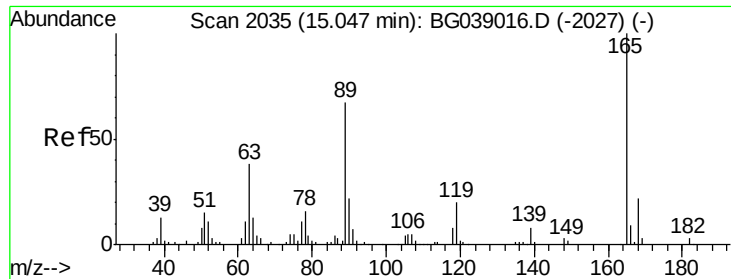
Tgt Ion:172 Resp: 284654
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 24.2 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.131 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.39 min
 Lab File: BG039181.D
 Acq: 17 Jan 2019 6:48

Tgt Ion:165 Resp: 9656
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

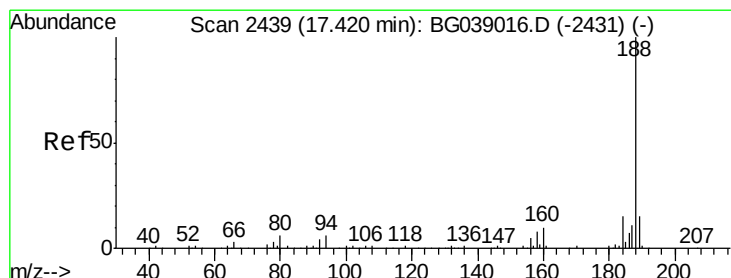
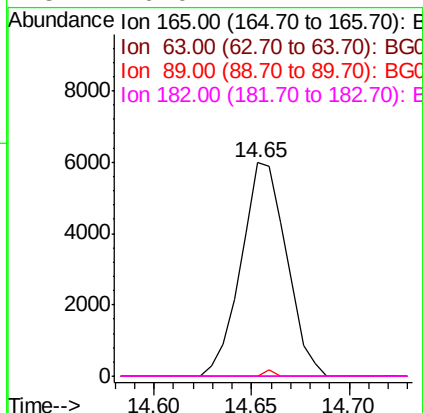
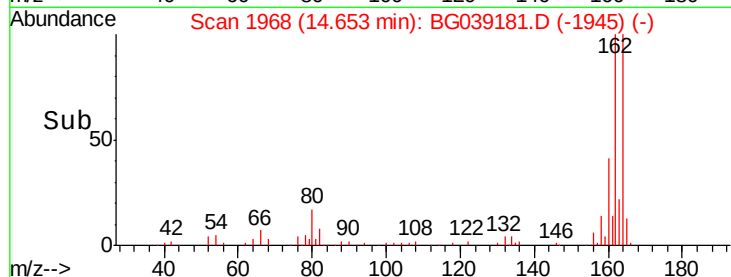
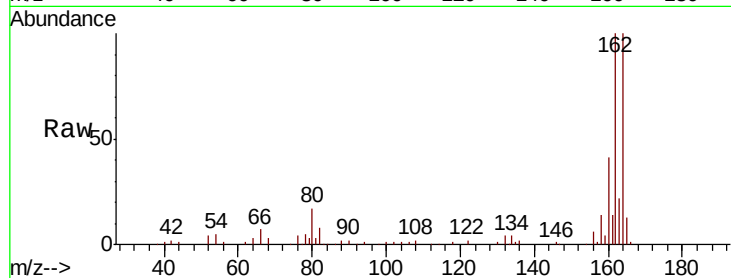




#57
 2,4-Dinitrotoluene
 Concen: 4.970 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.39 min
 Lab File: BG039181.D
 Acq: 17 Jan 2019 6:48

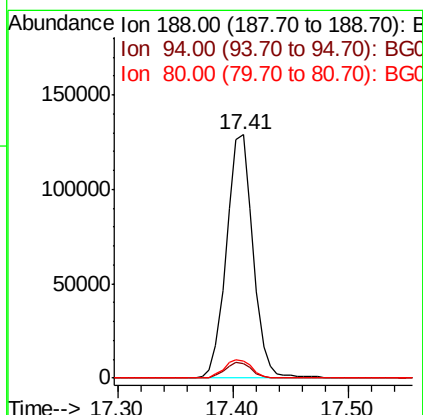
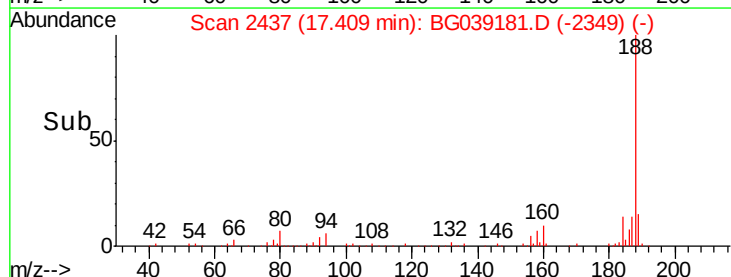
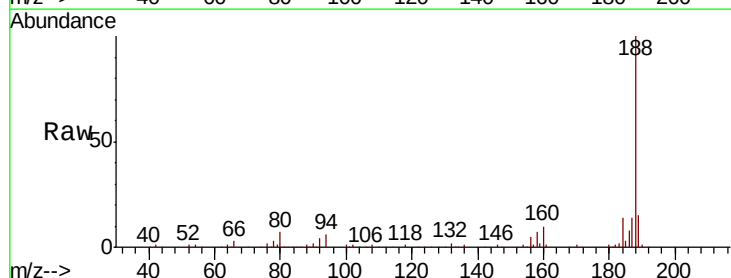
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BL

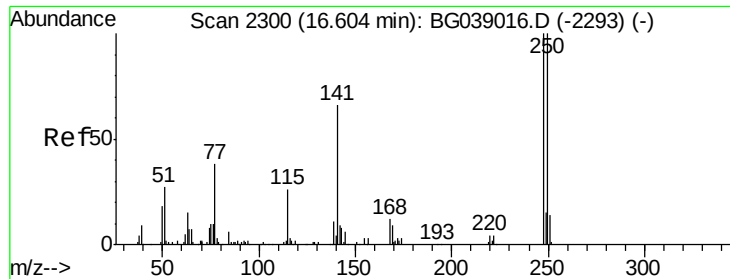
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG039181.D
 Acq: 17 Jan 2019 6:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.0	7.4
80	7.2	4.7	7.1#

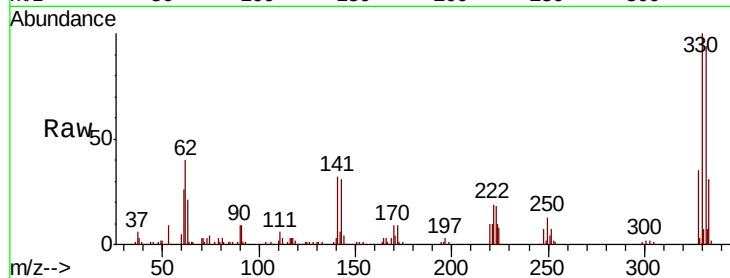




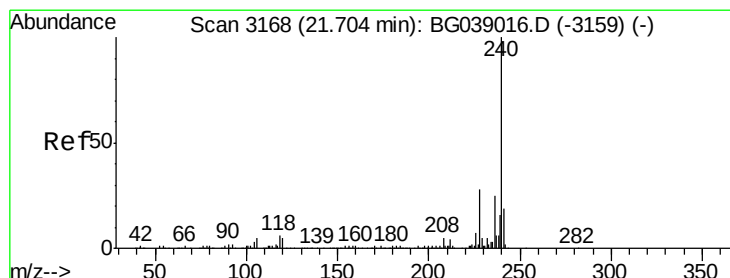
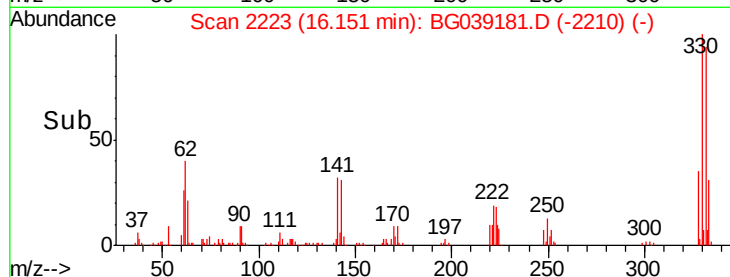
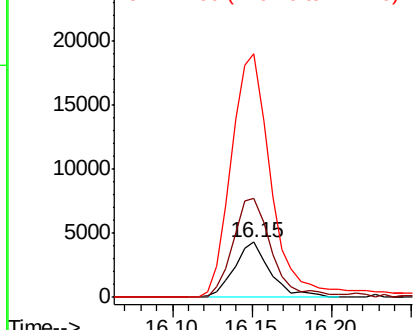
#67
 4-Bromophenyl-phenylether
 Concen: 2.577 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG039181.D
 Acq: 17 Jan 2019 6:48

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BL

Tgt Ion:248 Resp: 6804
 Ion Ratio Lower Upper
 248 100
 250 177.9 79.9 119.9#
 141 342.5 52.7 79.1#

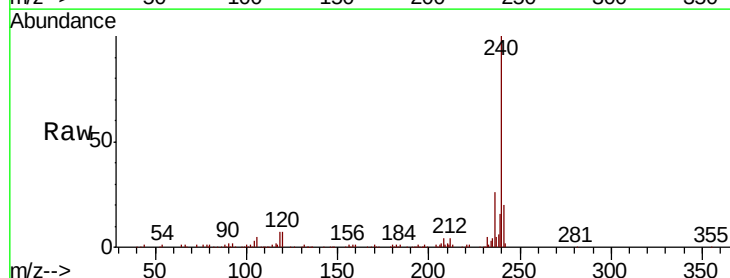


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

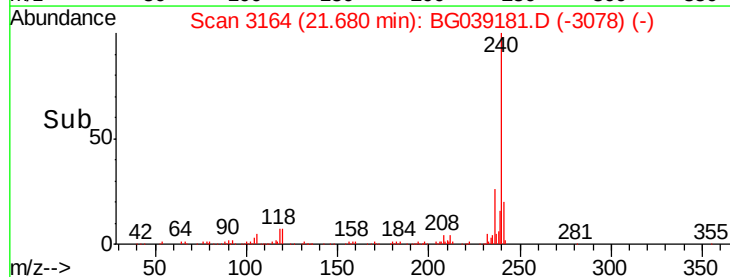
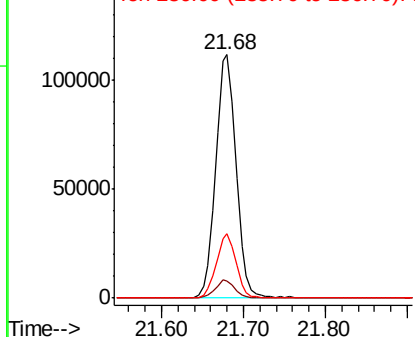


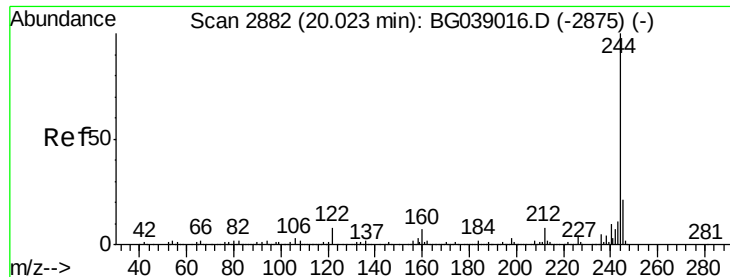
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039181.D
 Acq: 17 Jan 2019 6:48

Tgt Ion:240 Resp: 194570
 Ion Ratio Lower Upper
 240 100
 120 7.0 4.3 6.5#
 236 26.3 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: 63.735 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039181.D

Acq: 17 Jan 2019 6:48

Instrument :

BNA_G

ClientSampleId :

PB116427BL

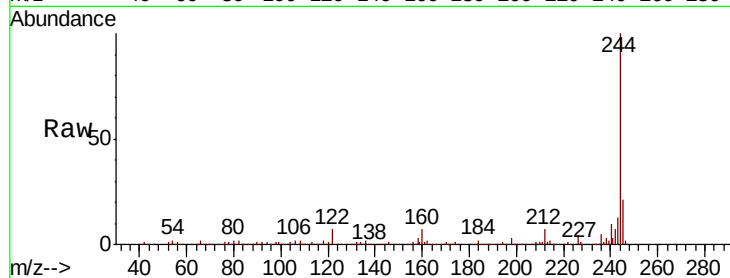
Tgt Ion:244 Resp: 670358

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

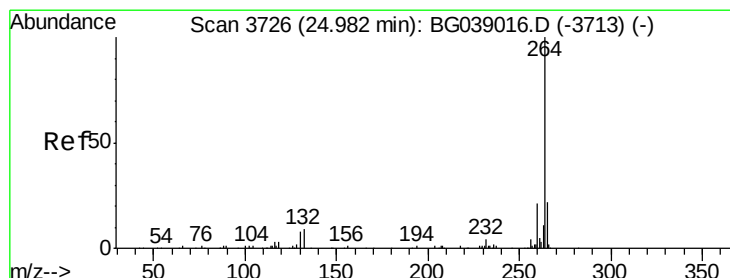
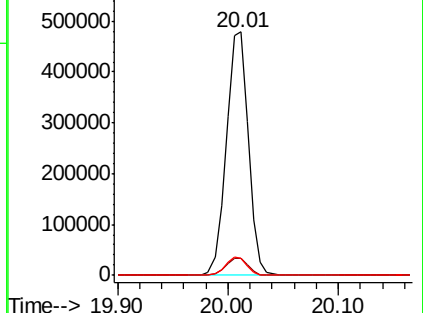
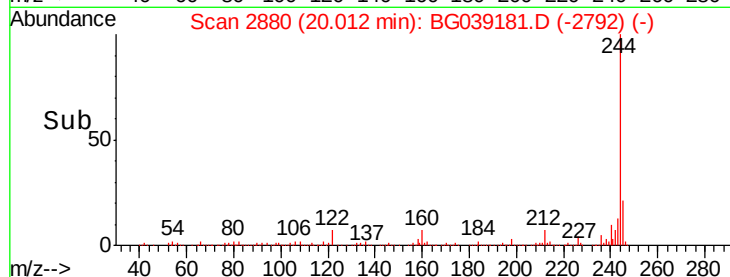
122 6.8 6.1 9.1



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: 24.95 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039181.D

Acq: 17 Jan 2019 6:48

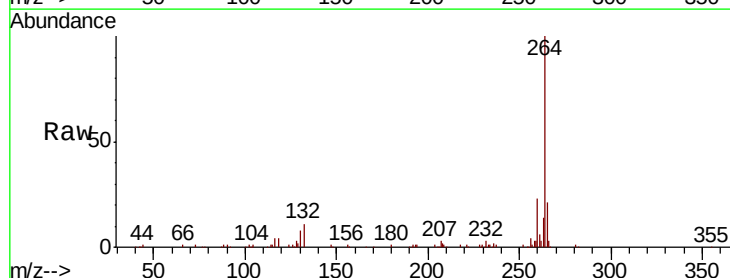
Tgt Ion:264 Resp: 204468

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

265 20.9 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

