

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039206.D
 Acq On : 18 Jan 2019 5:46
 Operator : JU/SJ
 Sample : K1157-23
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Quant Time: Jan 18 06:22:10 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

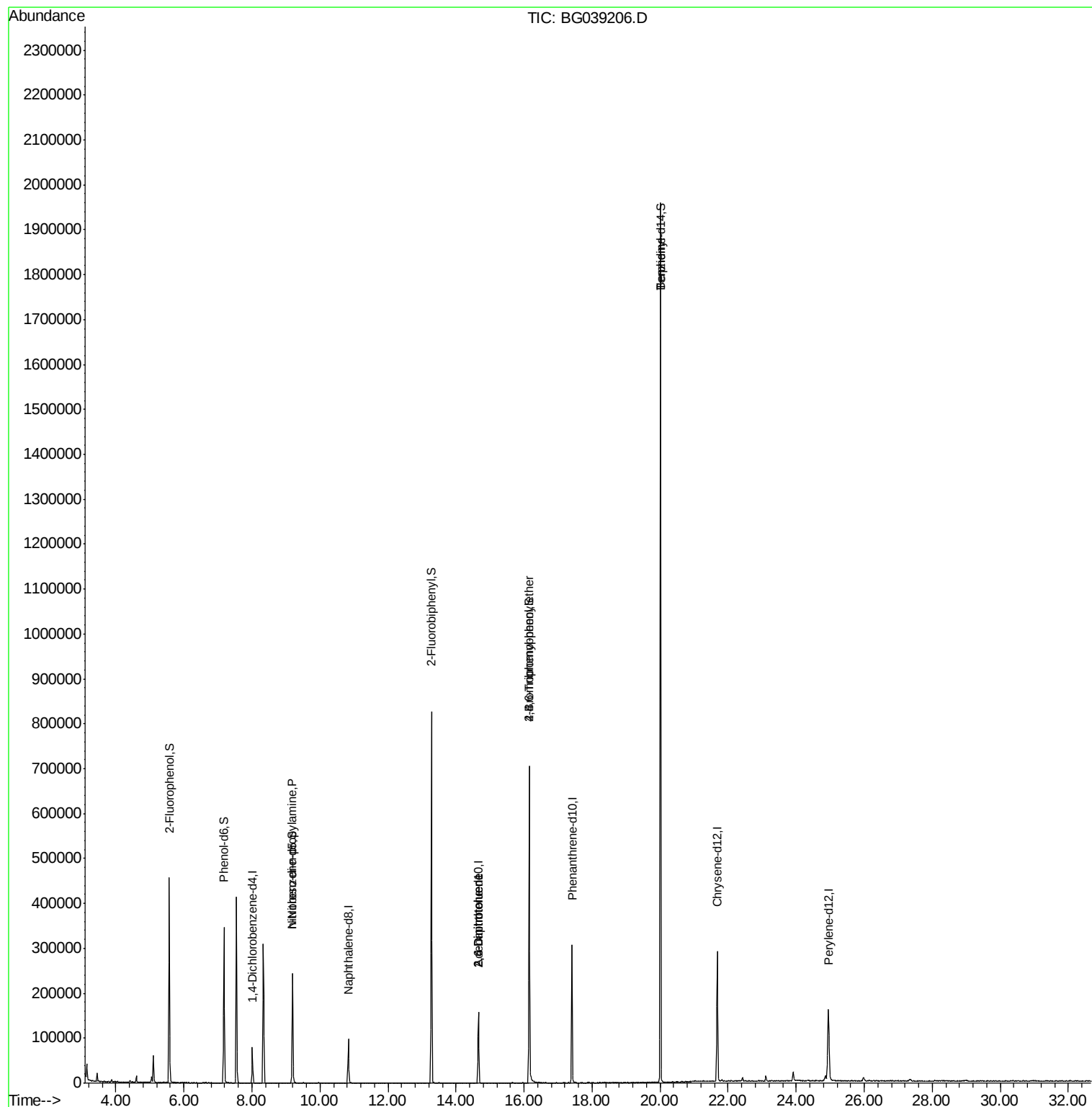
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24451	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	90712	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	60848	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206677	20.00	ng	0.00
76) Chrysene-d12	21.68	240	193231	20.00	ng	0.00
87) Perylene-d12	24.95	264	213932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	201817	156.58	ng	0.00
7) Phenol-d6	7.18	99	207981	112.12	ng	0.00
23) Nitrobenzene-d5	9.19	82	147524	88.99	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	159203	156.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	457212	102.83	ng	0.00
79) Terphenyl-d14	20.01	244	1003636	96.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	18967	15.571	ng	# 69
51) 2,6-Dinitrotoluene	14.65	165	7971	6.934	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	7971	4.833	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	10611	3.994	ng	# 1
77) Benzidine	20.01	184	15899	2.690	ng	# 95

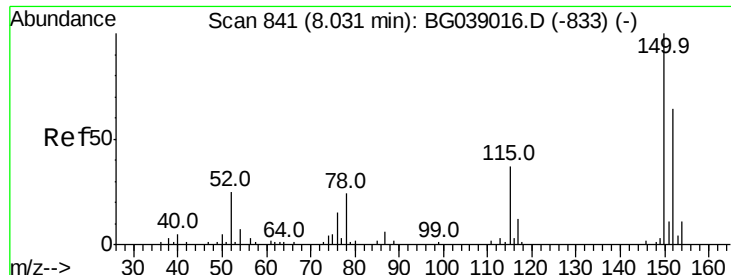
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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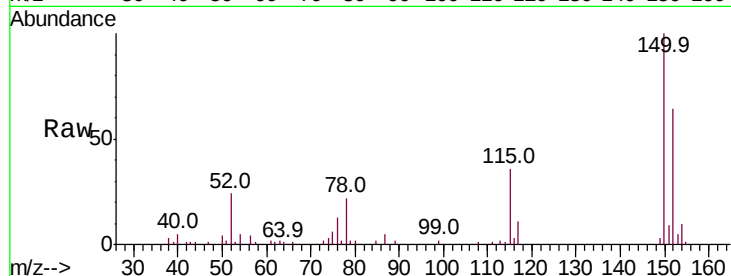


#1

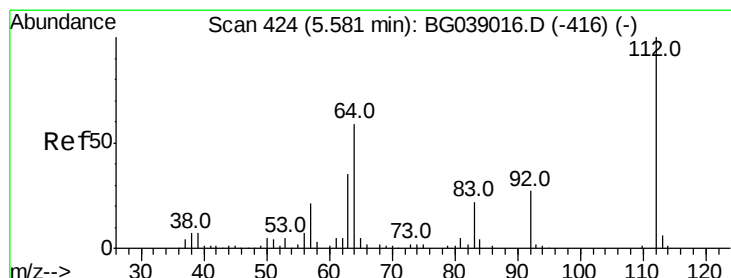
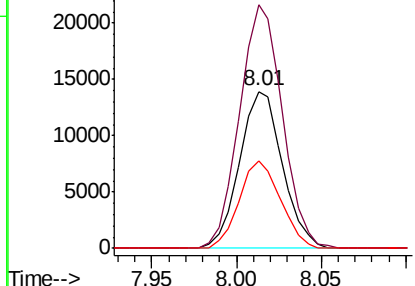
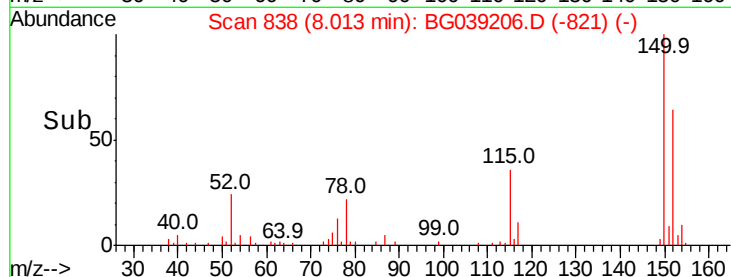
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tot Ion:152 Resp: 24451
Ion Ratio Lower Upper
152 100
150 155.4 124.7 187.1
115 56.0 46.5 69.7



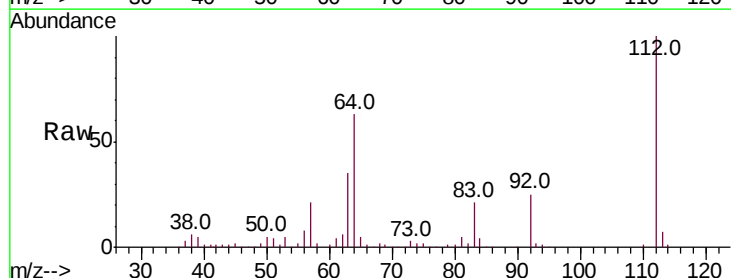
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



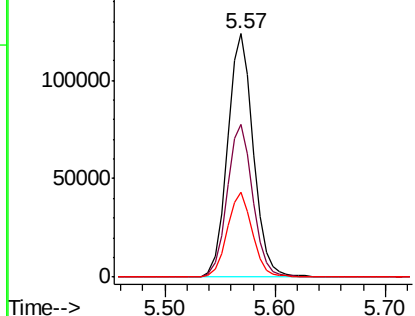
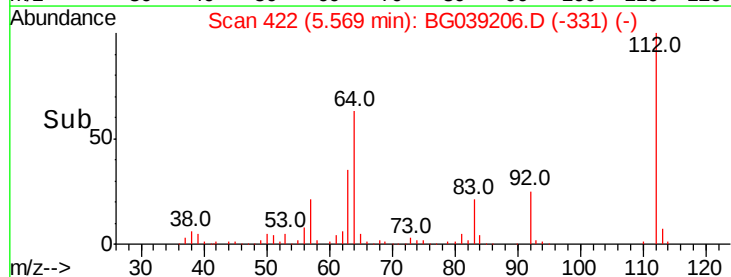
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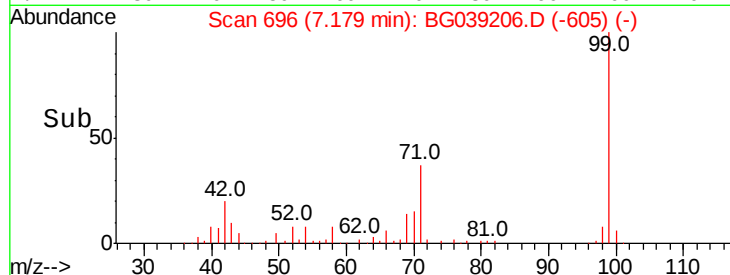
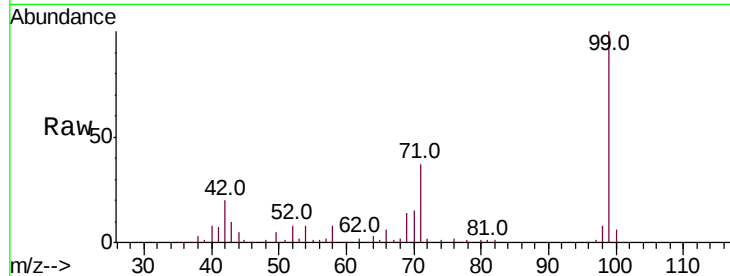
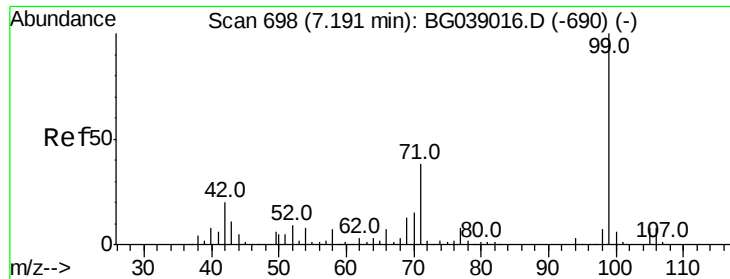
2-Fluorophenol
Concen: 156.576 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:112 Resp: 201817
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 34.7 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: 112.122 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039206.D

Acq: 18 Jan 2019 5:46

Instrument :

BNA_G

ClientSampleId :

WC-05-011519

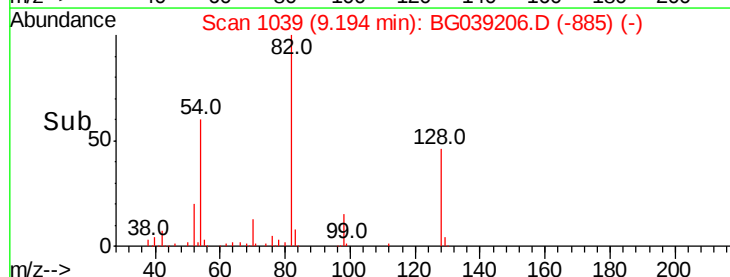
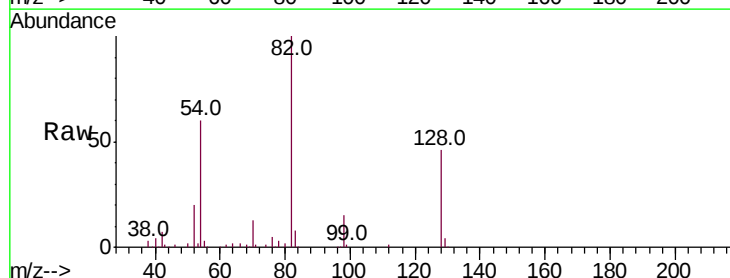
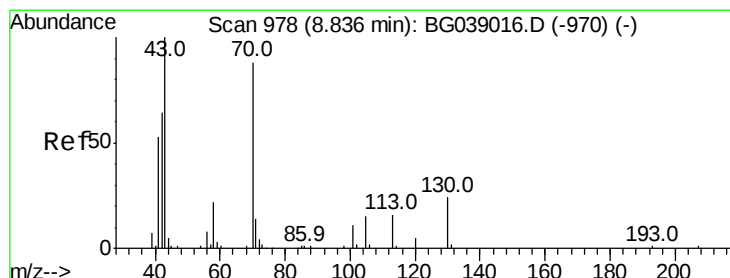
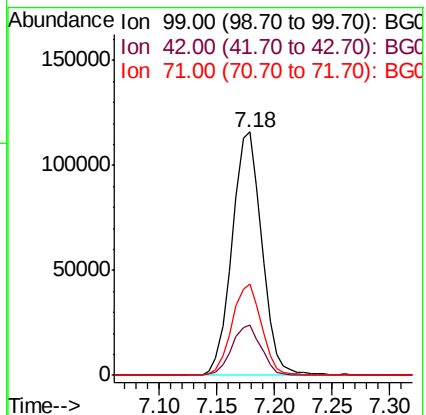
Tot Ion: 99 Resp: 207981

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

71 37.4 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.571 ng

RT: 9.19 min Scan# 1039

Delta R.T. 0.37 min

Lab File: BG039206.D

Acq: 18 Jan 2019 5:46

Tgt Ion: 70 Resp: 18967

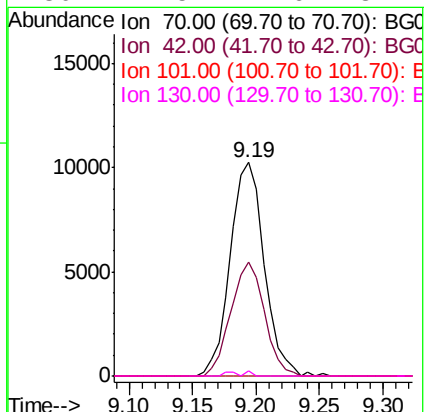
Ion Ratio Lower Upper

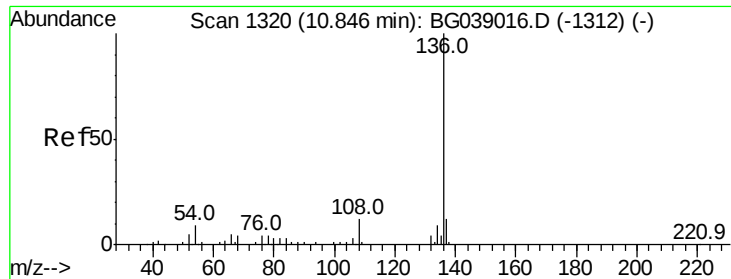
70 100

42 53.5 59.0 88.4#

101 0.0 10.4 15.6#

130 2.5 21.6 32.4#

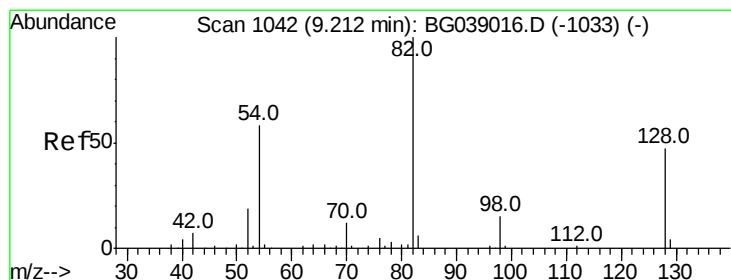
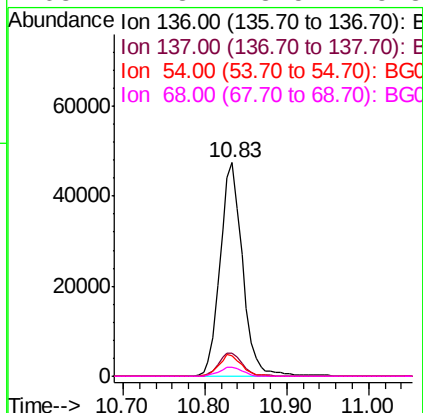
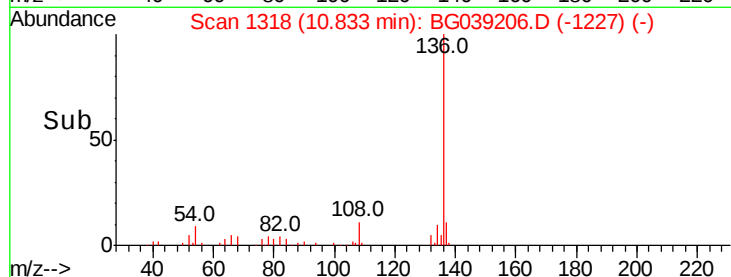
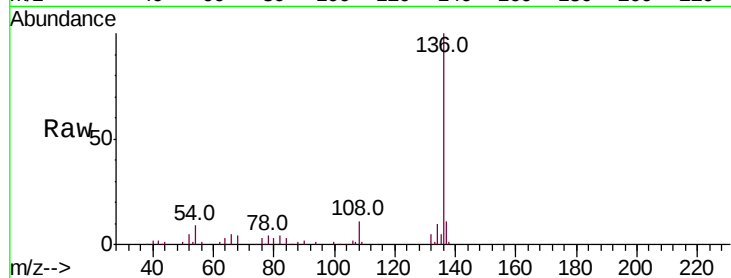




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

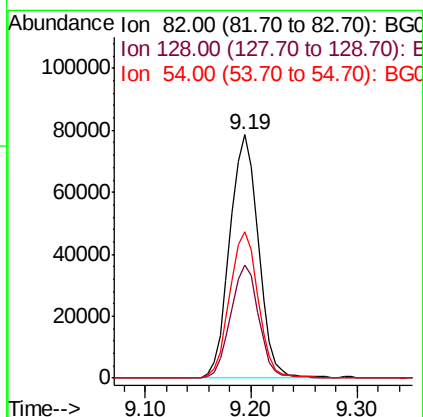
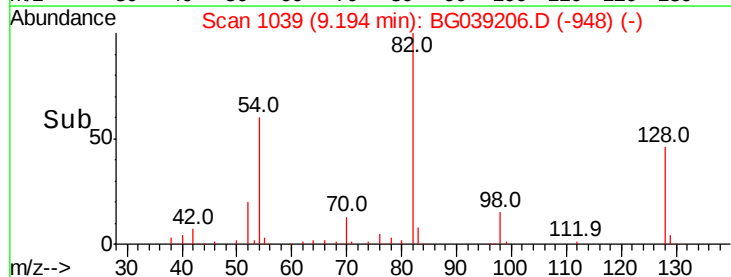
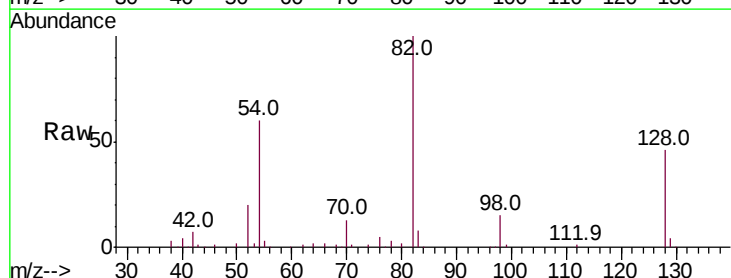
Instrument :
BNA_G
ClientSampleId :
WC-05-011519

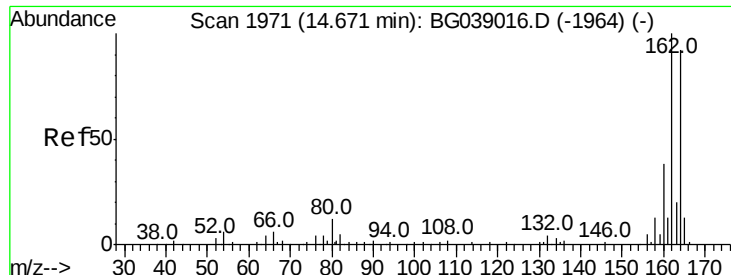
Tot Ion:136	Resp:	90712	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.4	14.2	
54 9.4	7.2	10.8	
68 4.3	3.5	5.3	



#23
Nitrobenzene-d5
Concen: 88.990 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion: 82	Resp: 147524
Ion Ratio	Lower Upper
82 100	
128 46.3	37.3 55.9
54 60.0	46.4 69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039206.D

Acq: 18 Jan 2019 5:46

Instrument :

BNA_G

ClientSampleId :

WC-05-011519

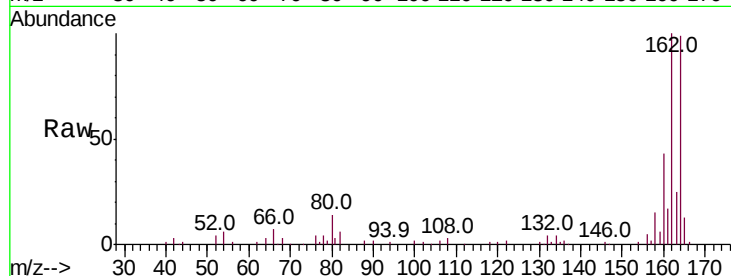
Tot Ion:164 Resp: 60848

Ion Ratio Lower Upper

164 100

162 101.1 87.2 130.8

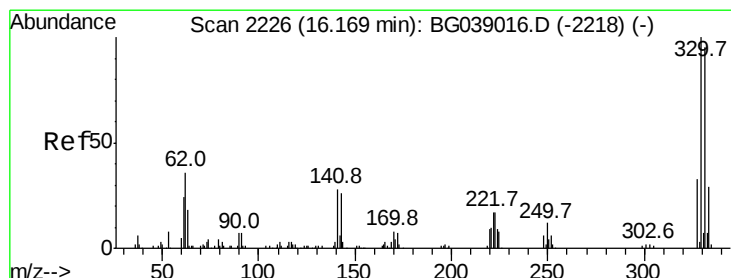
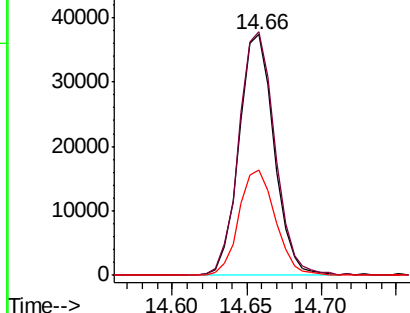
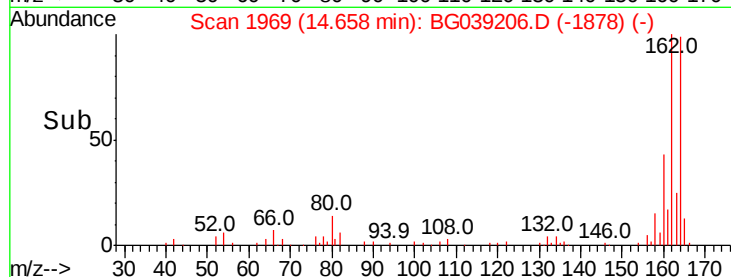
160 43.6 33.3 49.9



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: 156.084 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039206.D

Acq: 18 Jan 2019 5:46

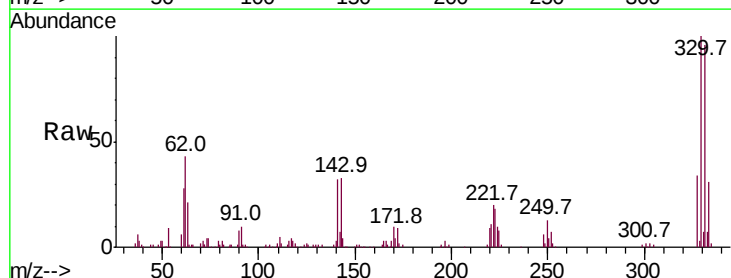
Tgt Ion:330 Resp: 159203

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

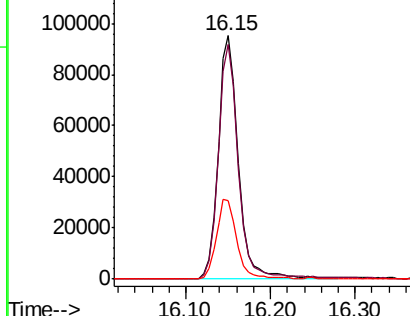
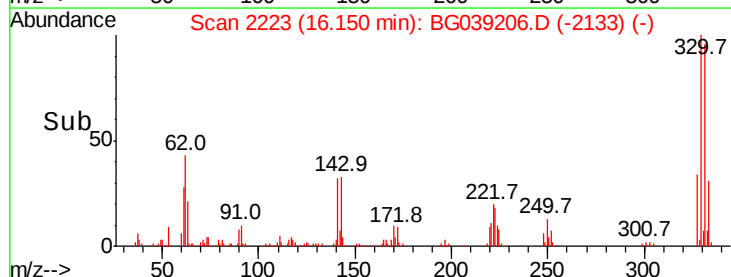
141 33.6 24.9 37.3

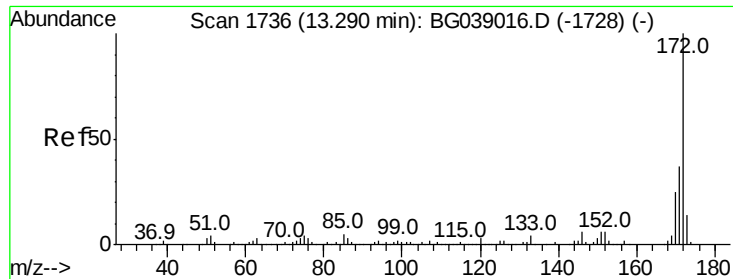


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

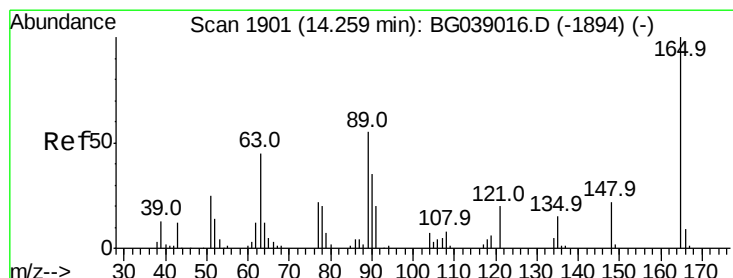
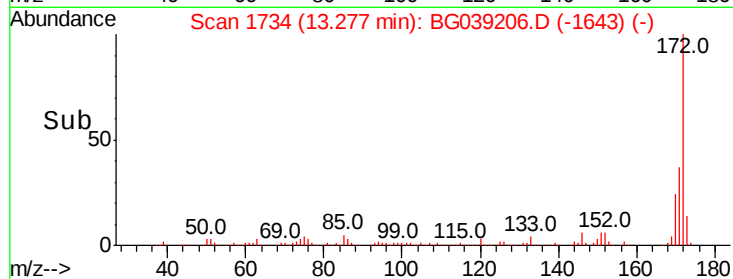
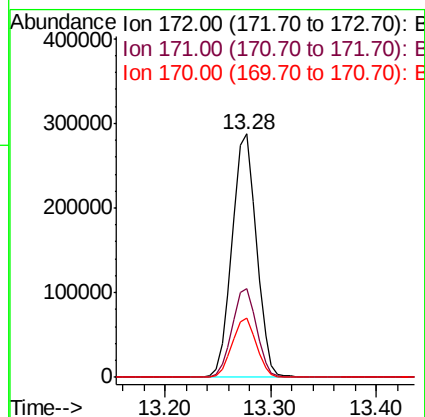
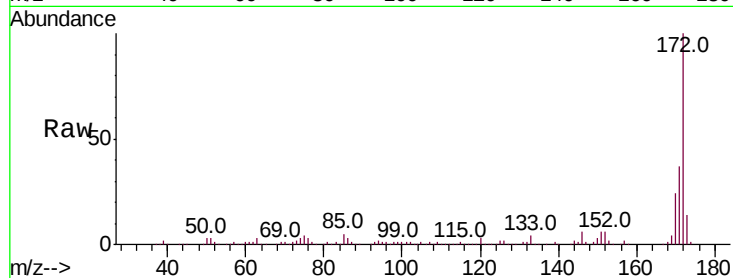




#45
 2-Fluorobiphenyl
 Concen: 102.834 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

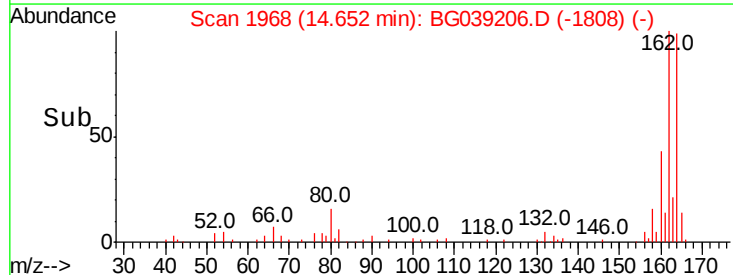
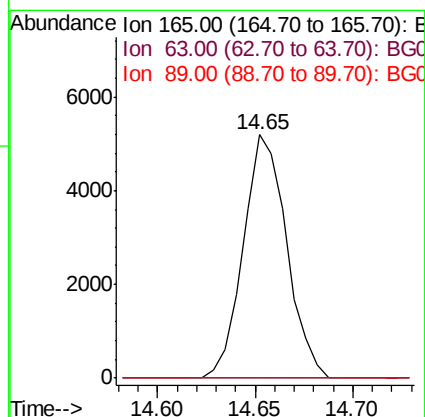
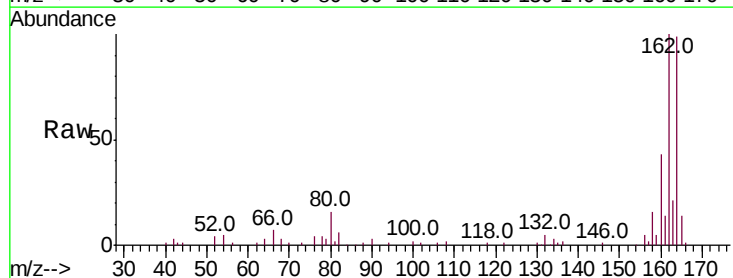
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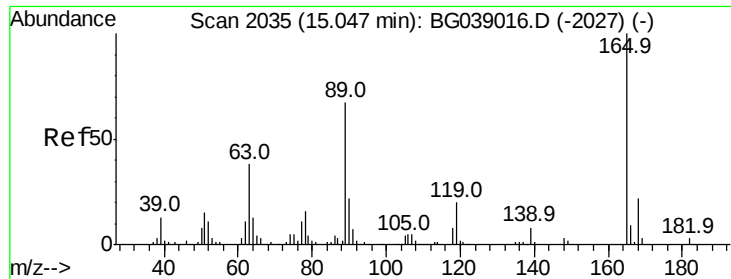
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.934 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.41 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

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

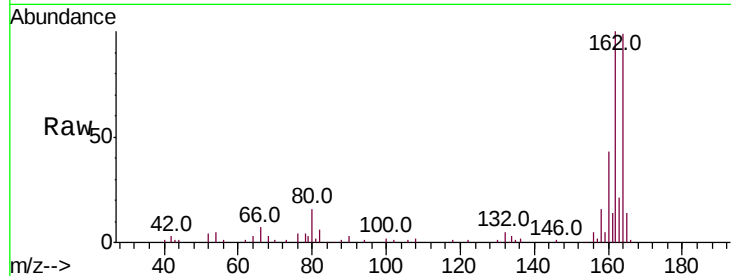




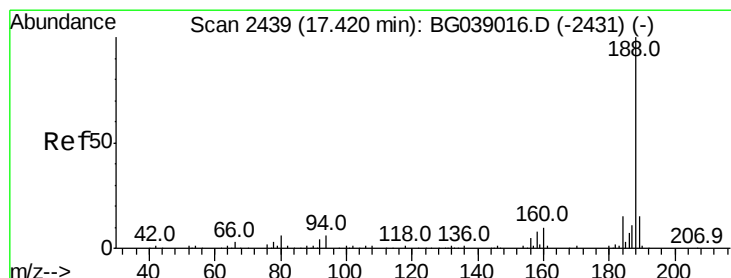
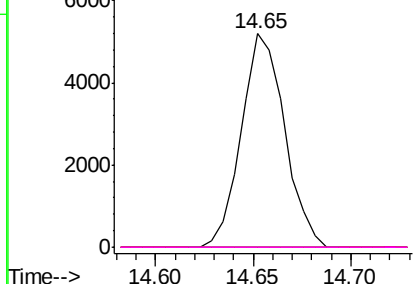
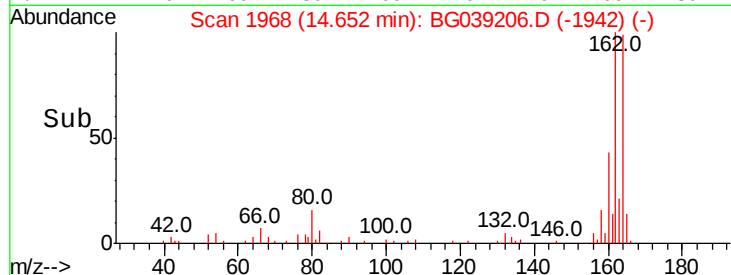
#57
 2,4-Dinitrotoluene
 Concen: 4.833 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.38 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Tot Ion:165 Resp: 7971
 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#

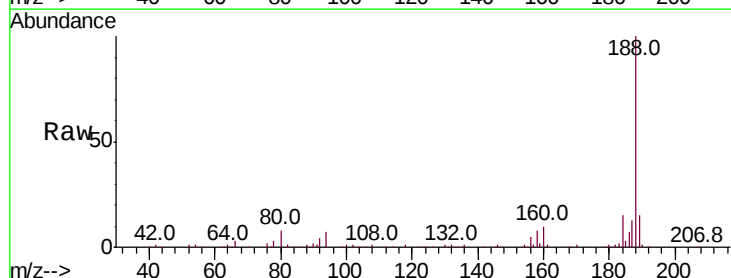


Abundance Ion 165.00 (164.70 to 165.70): E
 8000 Ion 63.00 (62.70 to 63.70): BGC
 6000 Ion 89.00 (88.70 to 89.70): BGC
 4000 Ion 182.00 (181.70 to 182.70): E

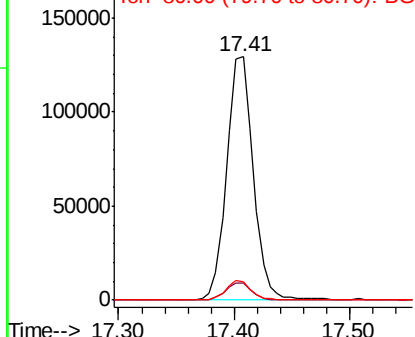
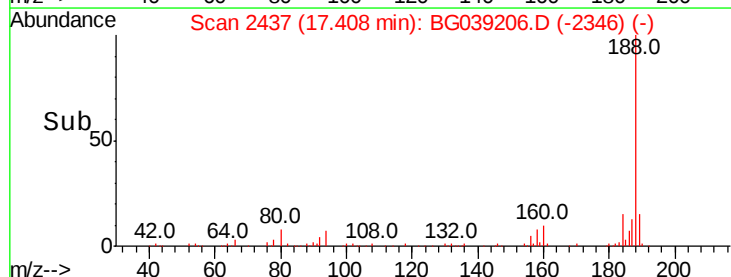


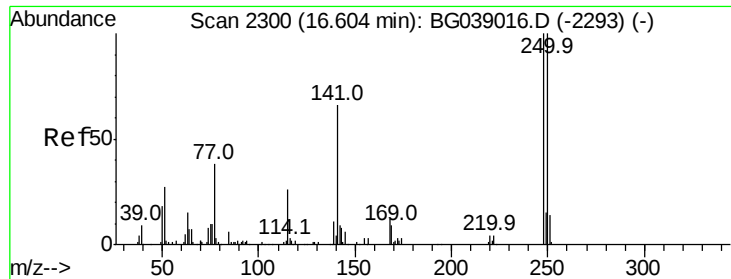
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

Tgt Ion:188 Resp: 206677
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.0 7.4
 80 7.6 4.7 7.1#



Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BGC
 100000 Ion 80.00 (79.70 to 80.70): BGC

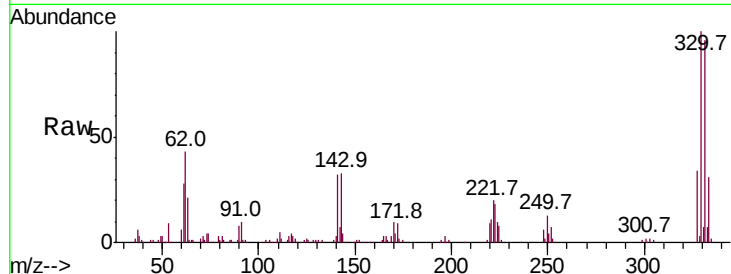




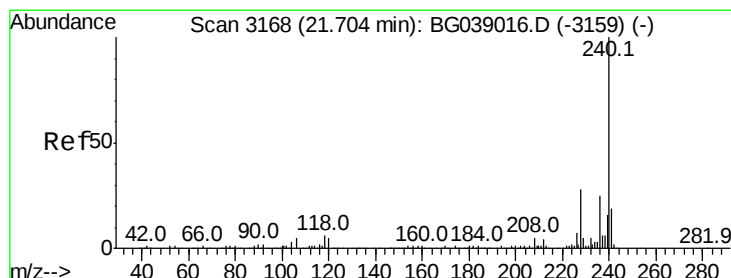
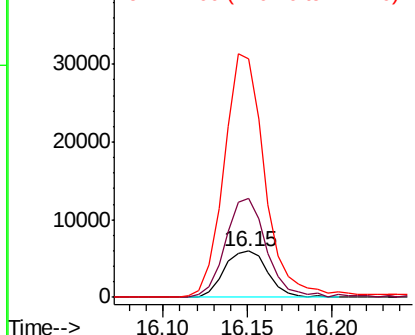
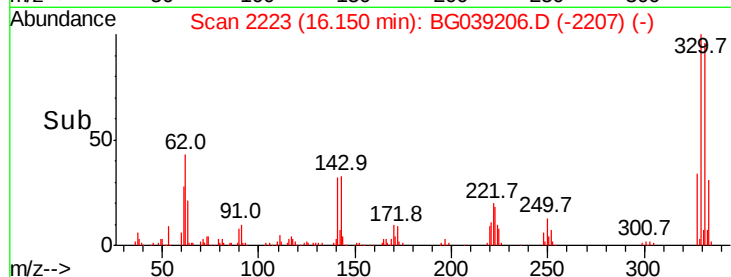
#67
 4-Bromophenyl-phenylether
 Concen: 3.994 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.44 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Tot Ion:248 Resp: 10611
 Ion Ratio Lower Upper
 248 100
 250 211.2 79.9 119.9#
 141 392.1 52.7 79.1#

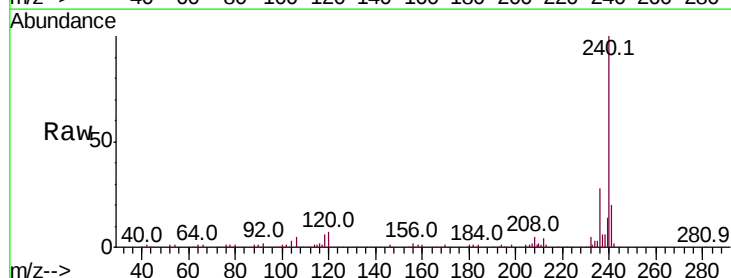


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

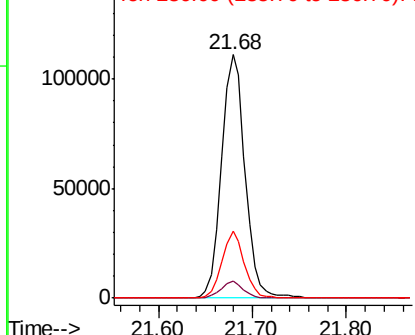
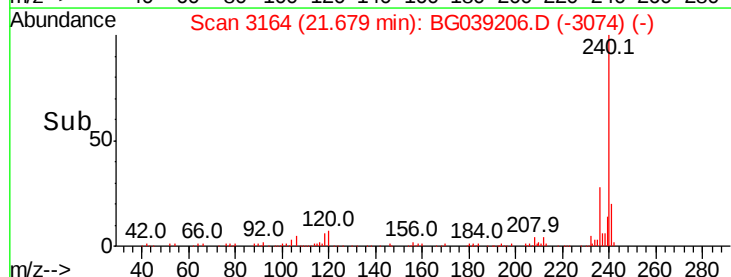


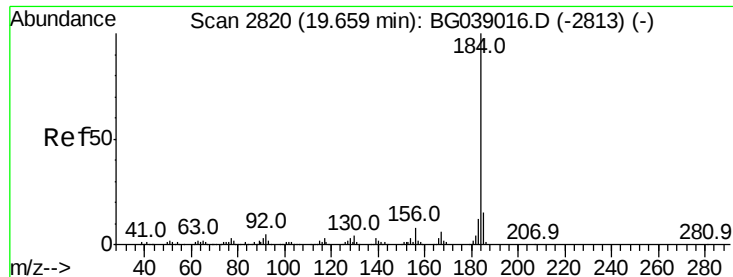
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

Tgt Ion:240 Resp: 193231
 Ion Ratio Lower Upper
 240 100
 120 6.9 4.3 6.5#
 236 27.6 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





#77

Benzidine

Concen: 2.690 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.37 min

Lab File: BG039206.D

Acq: 18 Jan 2019 5:46

Instrument :

BNA_G

ClientSampleId :

WC-05-011519

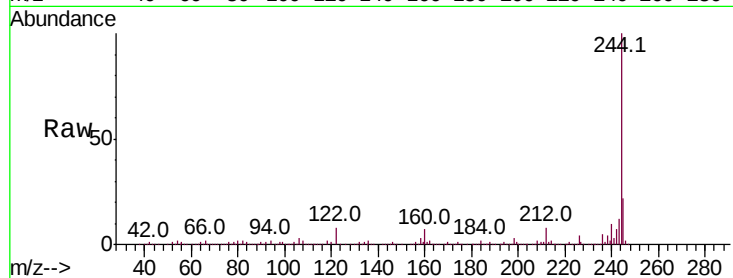
Tot Ion:184 Resp: 15899

Ion Ratio Lower Upper

184 100

185 14.0 12.1 18.1

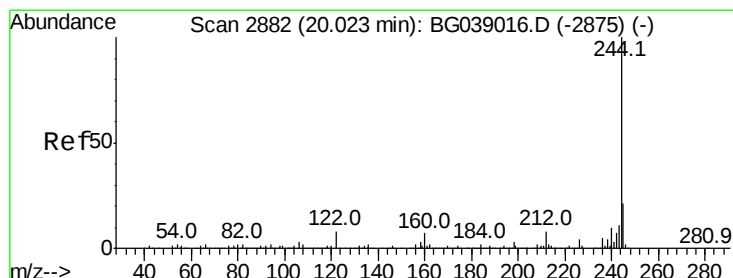
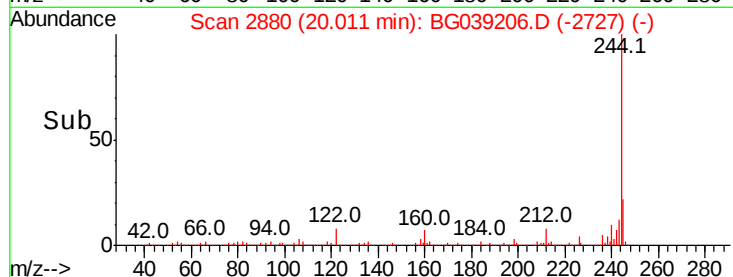
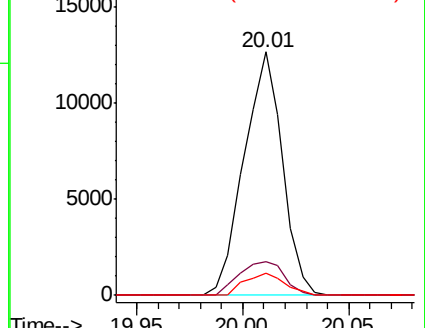
183 9.0 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 96.083 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039206.D

Acq: 18 Jan 2019 5:46

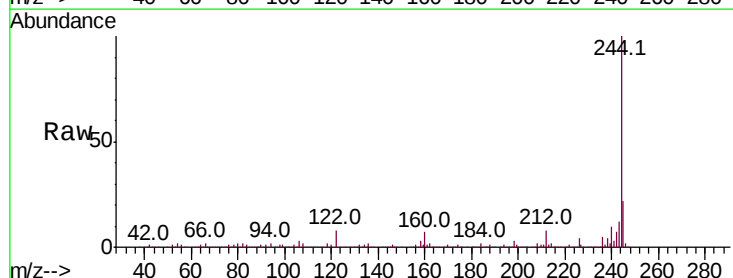
Tgt Ion:244 Resp: 1003636

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

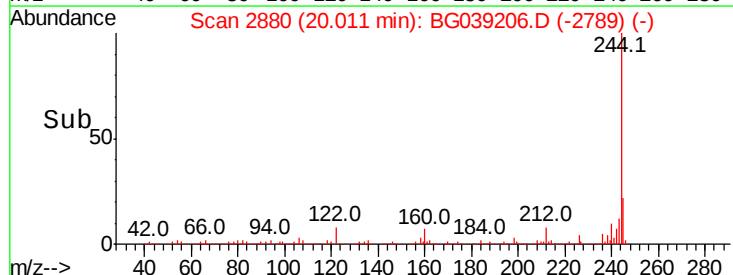
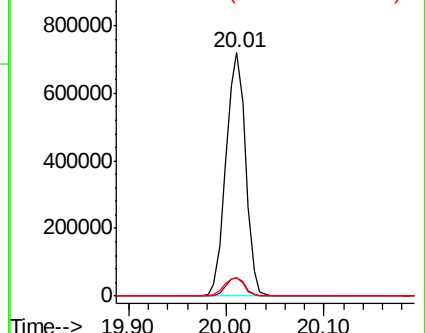
122 7.6 6.1 9.1

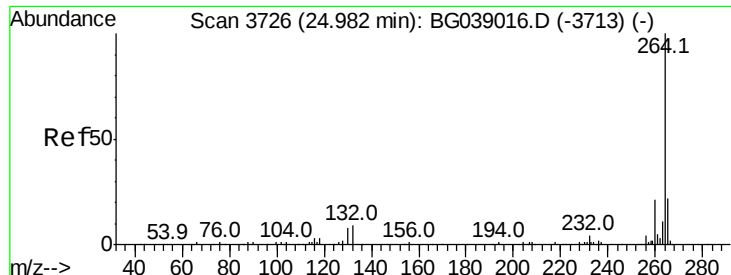


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

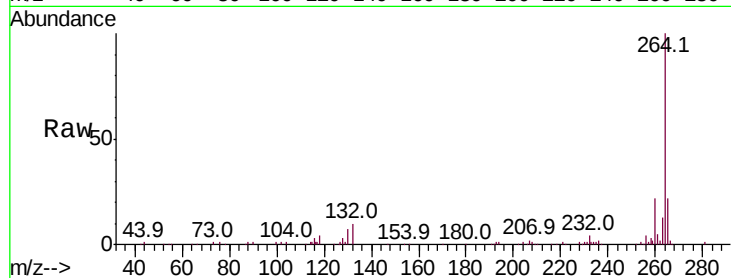




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.95 min Scan# 3720
 Delta R.T. -0.00 min
 Lab File: BG039206.D
 Acq: 18 Jan 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	21.5	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

