Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9-D

Quant Time: Feb 12 00:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49386	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	230493	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	164993	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	403891	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	402462	20.00	ng		-0.02
87) Perylene-d12	25.21	264	409736	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	473994	164.27	ng		0.00
7) Phenol-d6	7.31	99	696705	164.03	ng		-0.01
23) Nitrobenzene-d5	9.35	82	401400	108.79	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	297660	167.54	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	1032963	89.81	ng		-0.01
79) Terphenyl-d14	20.13	244	1533697	80.66	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	1872	Below Cal		#	4
10) Phenol	7.34	94	22184	5.010	ng		92
19) n-Nitroso-di-n-propylamine	9.35	70	53832	17.857	ng	#	68
48) 2-Nitroaniline	14.24	65	542	8.447	ng	#	1
50) Dimethylphthalate	14.23	163	60195	4.517	ng		98
51) 2,6-Dinitrotoluene	14.24	165	863	6.858	ng	#	39
53) 3-Nitroaniline	14.63	138	60	5.812	ng	#	1
56) 4-Nitrophenol	15.39	139	58	5.816	ng	#	1
57) 2,4-Dinitrotoluene	14.79	165	21959	13.586	ng	#	19
62) 4-Nitroaniline	16.14	138	59	4.222	ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	1070	5.024	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	23258	5.191	ng	#	1
77) Benzidine	20.13	184	28071	2.127	ng	#	93

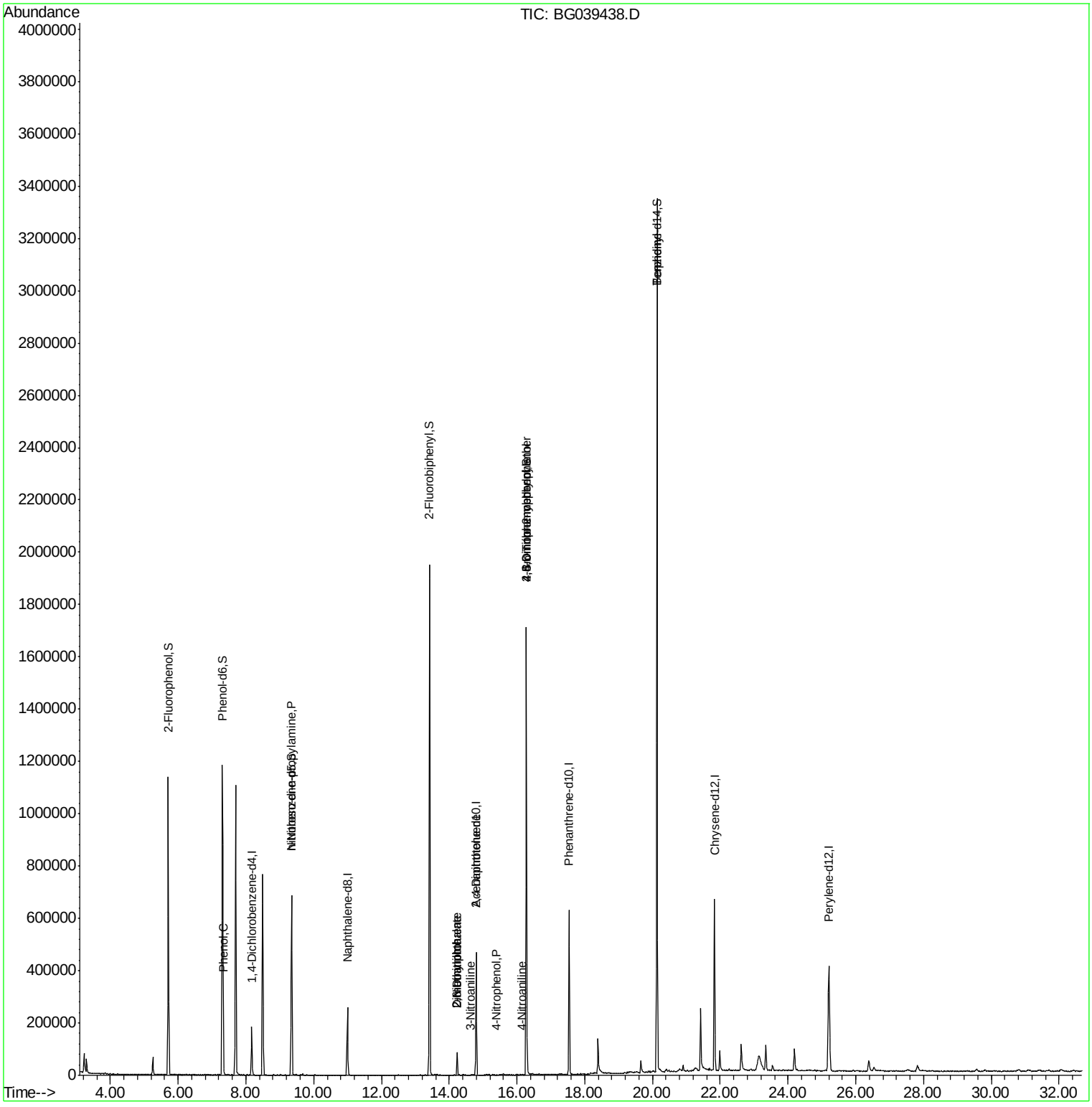
(#) = qualifier out of range (m) = manual integration (+) = signals summed

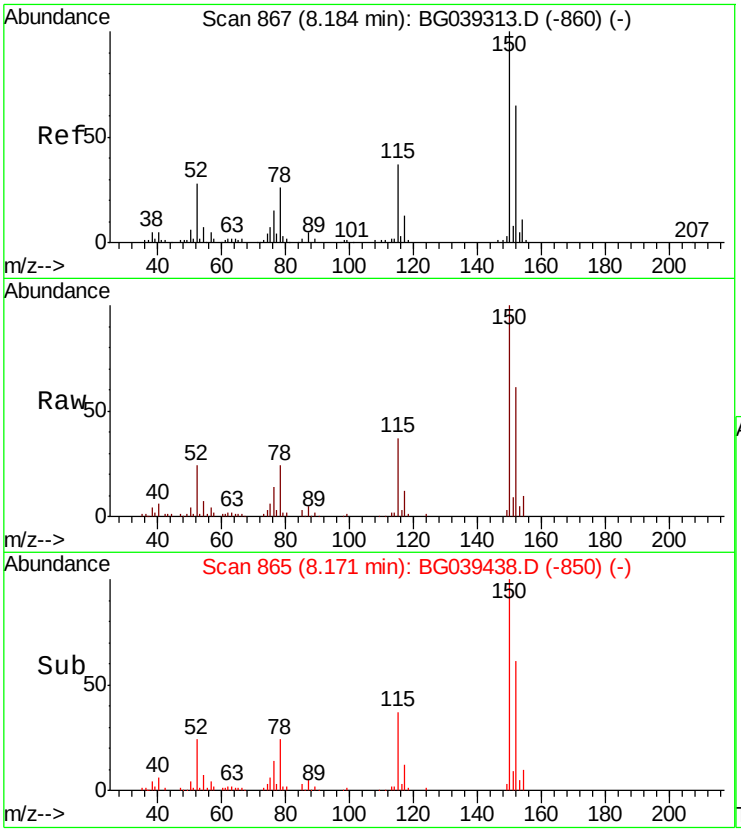
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-D

Quant Time: Feb 12 00:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



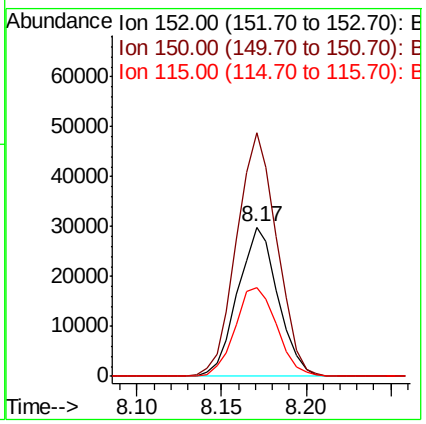


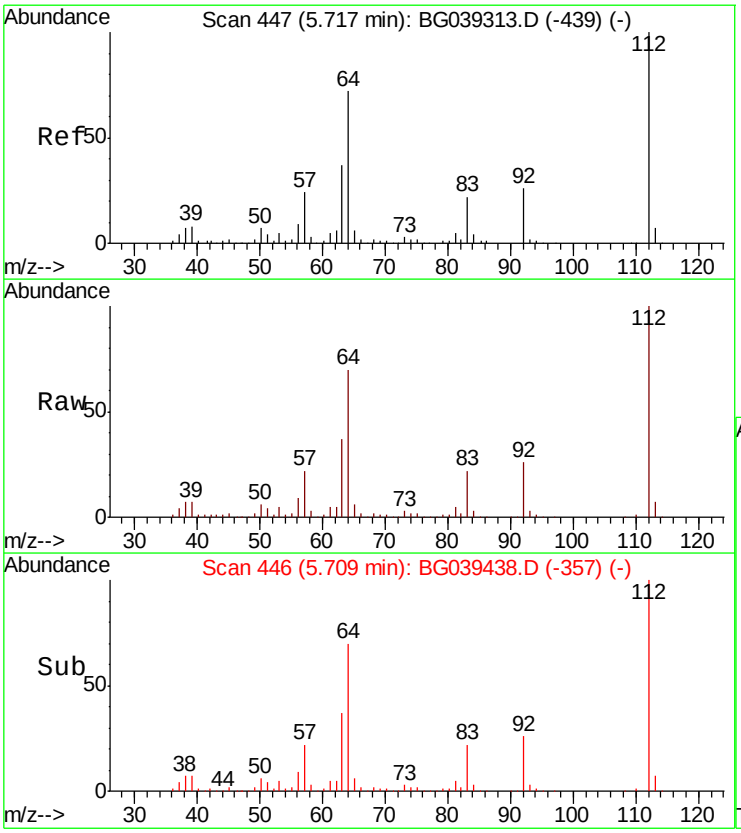
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:152 Resp: 49386

Ion	Ratio	Lower	Upper
152	100		
150	162.9	123.7	185.5
115	59.8	45.9	68.9

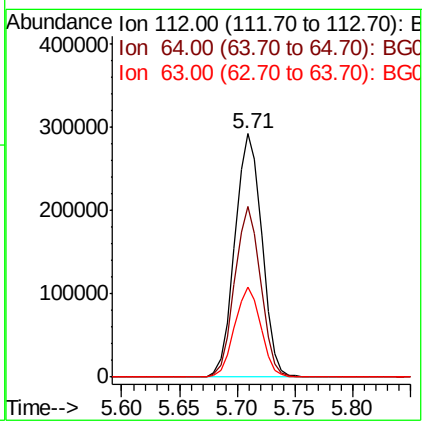


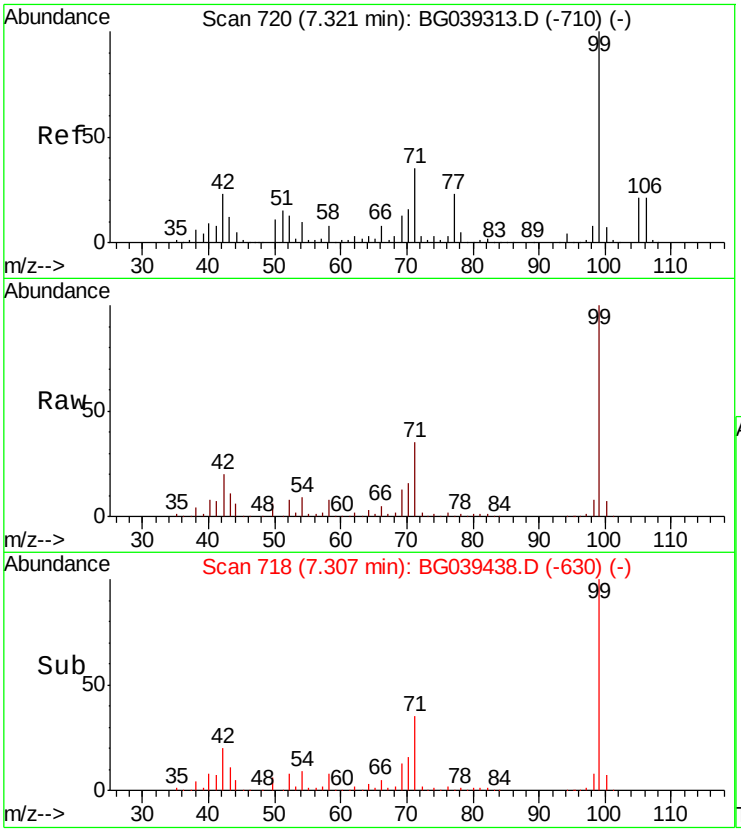


#5
2-Fluorophenol
Concen: 164.266 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:112 Resp: 473994

Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.8	29.8	44.6



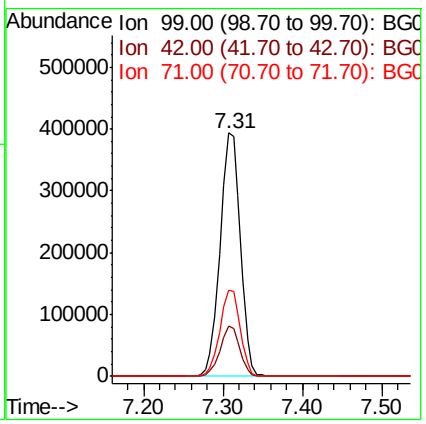


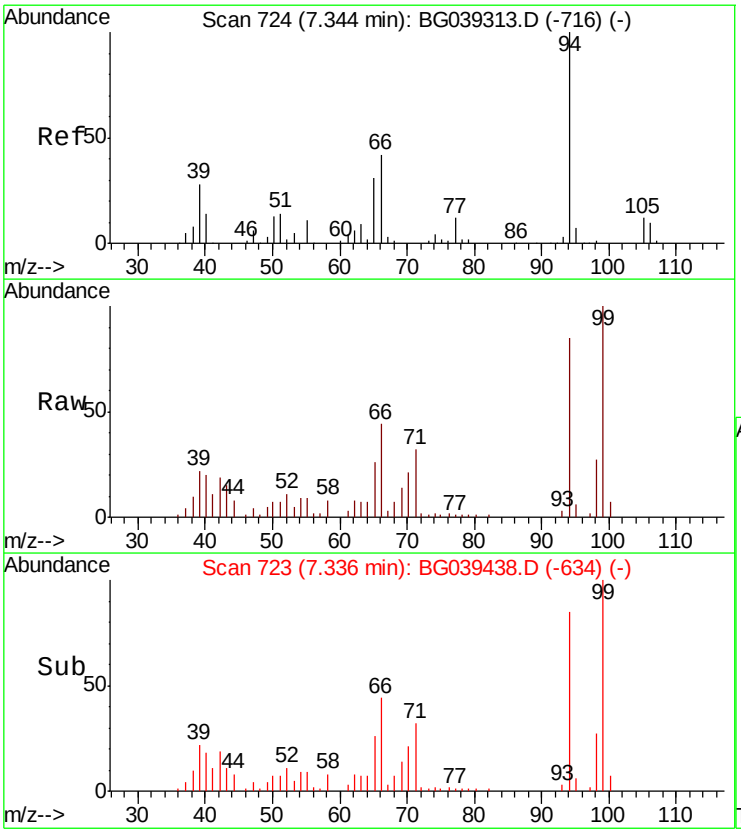
#7
Phenol-d6
Concen: 164.030 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion: 99 Resp: 696705

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	35.3	28.0	42.0

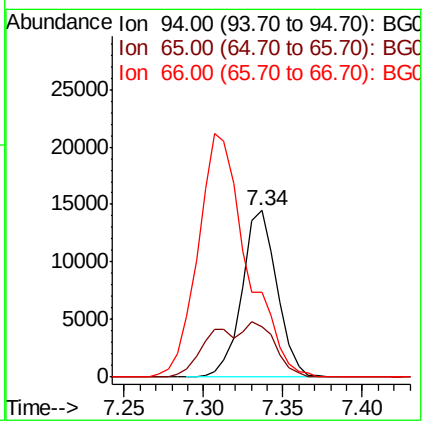


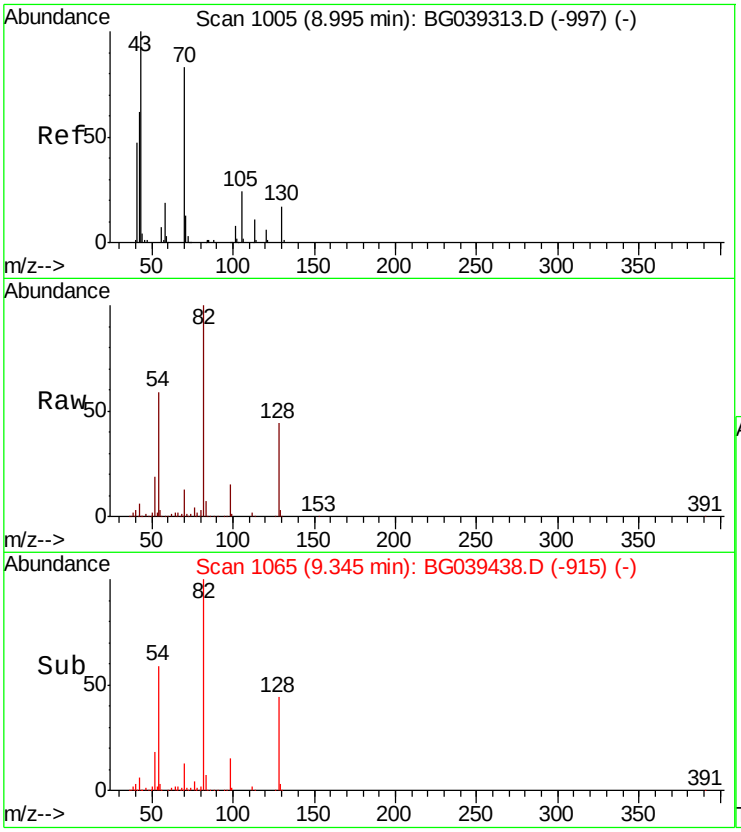


#10
Phenol
Concen: 5.010 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion: 94 Resp: 22184

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.7	51.7
66	51.4	23.7	63.7



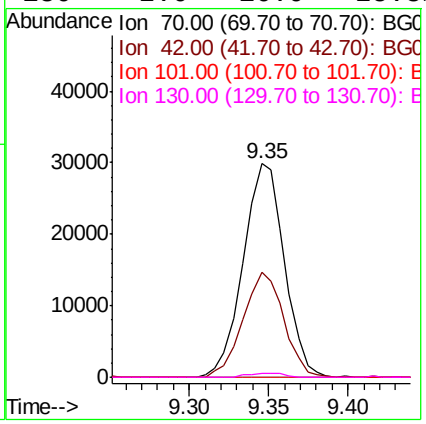


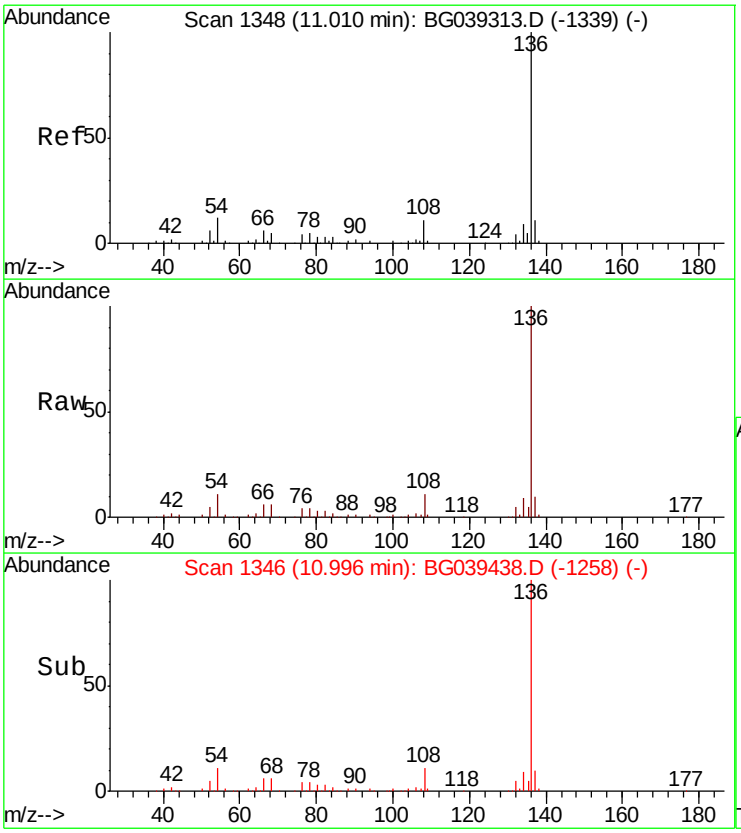
#19
n-Nitroso-di-n-propylamine
Concen: 17.857 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion: 70 Resp: 53832

Ion	Ratio	Lower	Upper
70	100		
42	49.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#

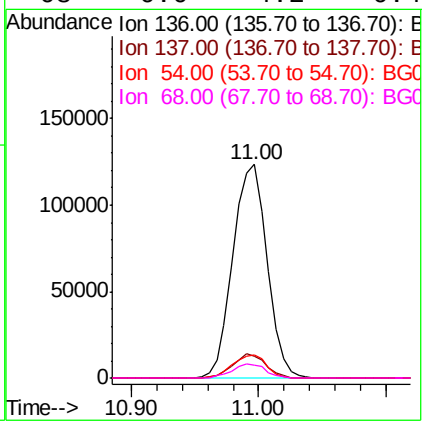


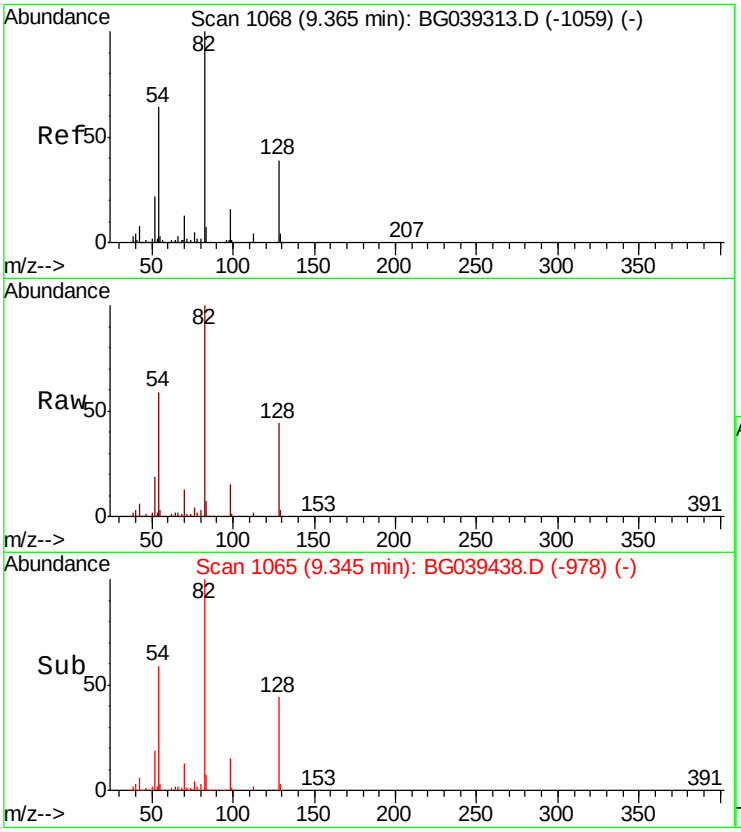


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:136 Resp: 230493

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	10.7	9.4	14.2
68	6.0	4.2	6.4



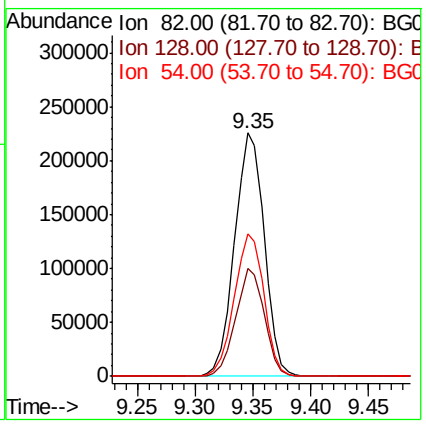


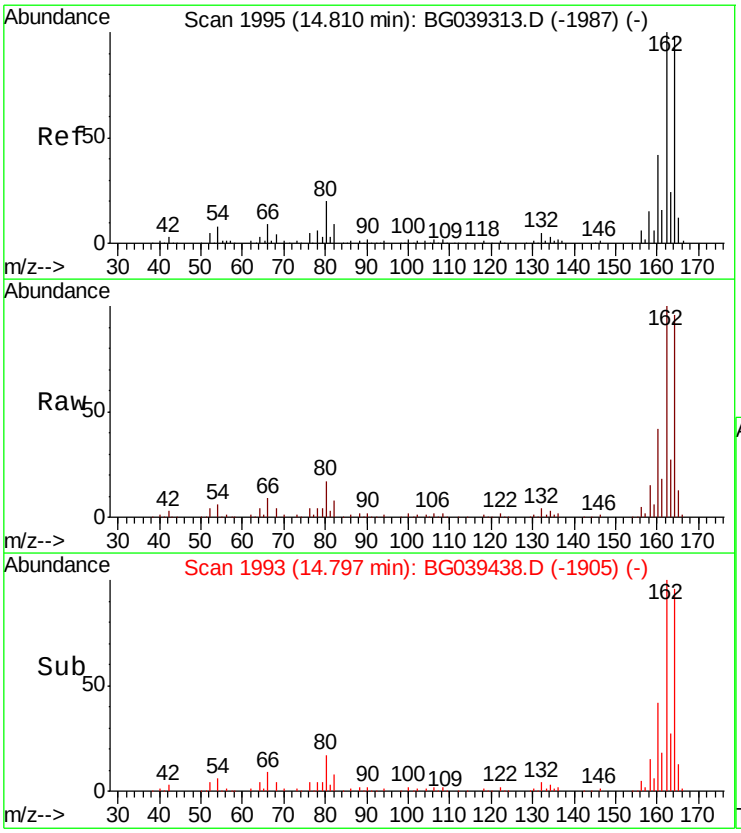
#23
Nitrobenzene-d5
Concen: 108.793 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion: 82 Resp: 401400

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.8	50.9	76.3

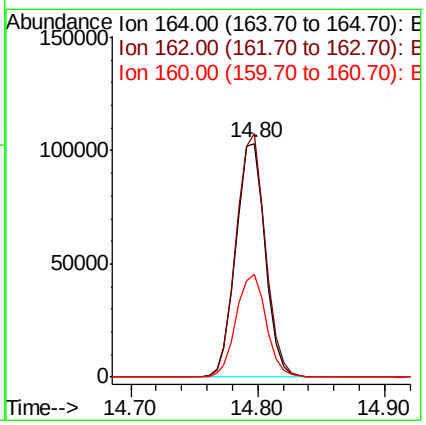


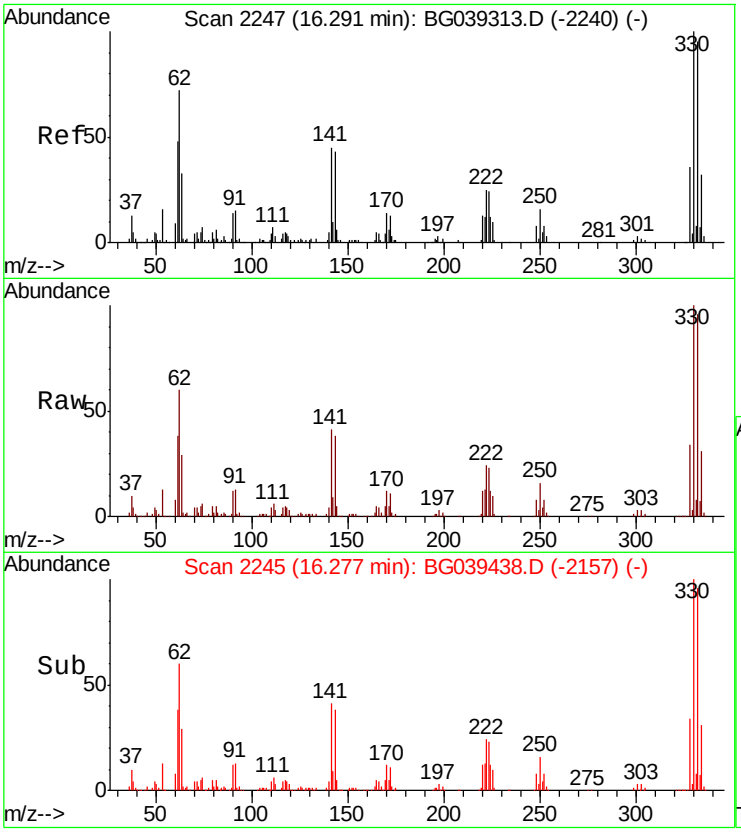


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:164 Resp: 164993

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.6	122.4
160	44.3	34.2	51.2



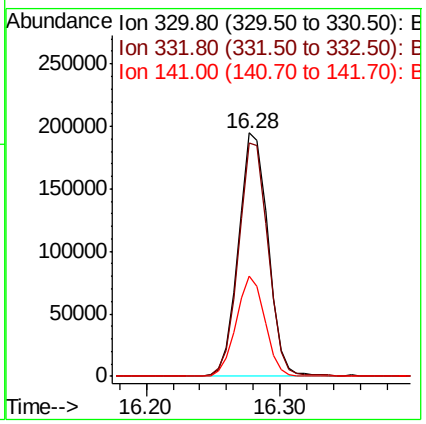


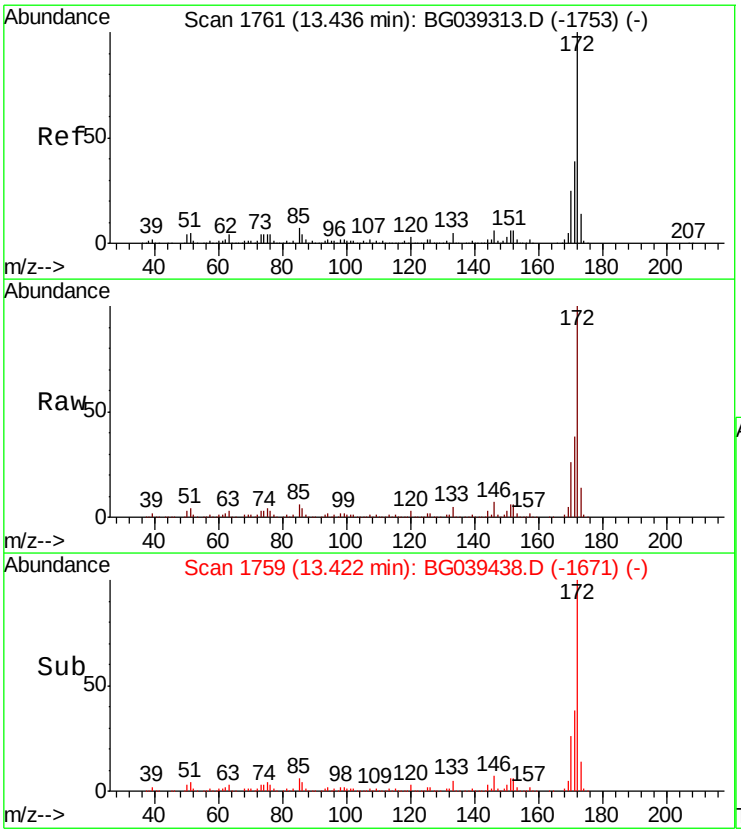
#42
2,4,6-Tribromophenol
Concen: 167.536 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:330 Resp: 297660

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	40.0	35.6	53.4

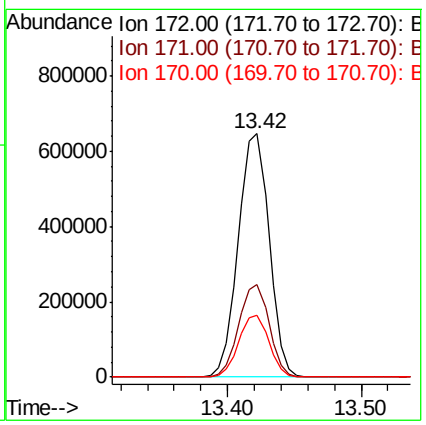


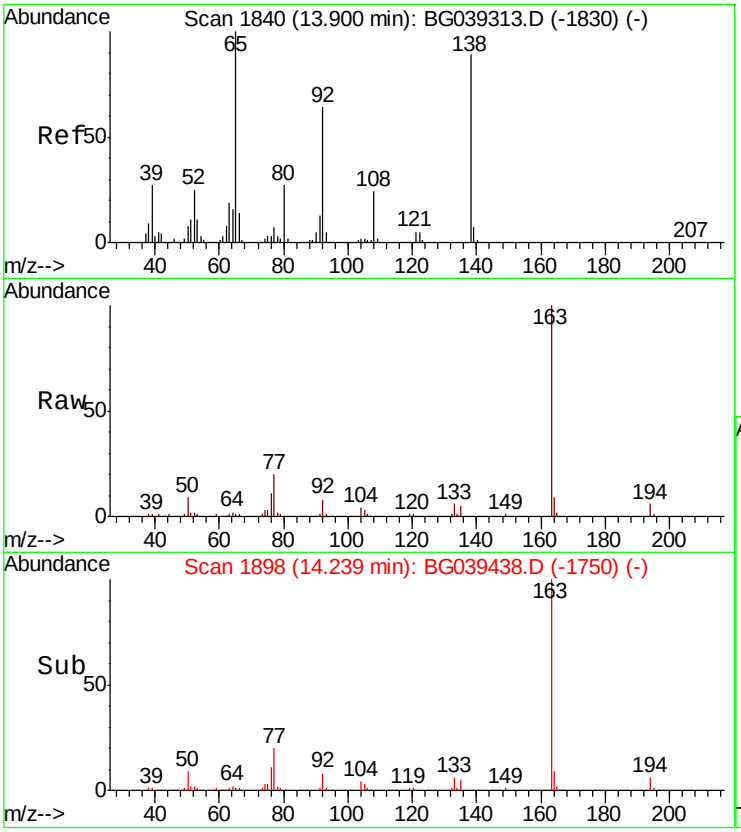


#45
2-Fluorobiphenyl
Concen: 89.812 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:172 Resp: 1032963

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.6	20.2	30.4



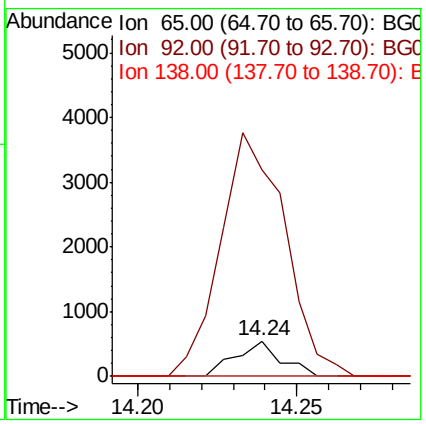


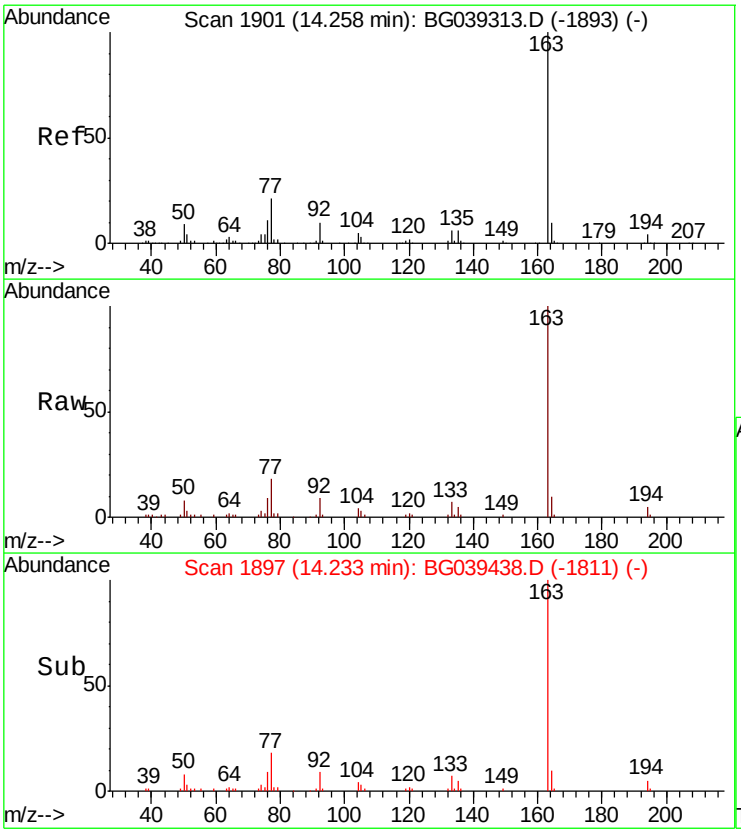
#48
2-Nitroaniline
Concen: 8.447 ng
RT: 14.24 min Scan# 1898
Delta R.T. 0.34 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion: 65 Resp: 542

Ion	Ratio	Lower	Upper
65	100		
92	587.1	51.4	77.2#
138	0.0	71.4	107.2#

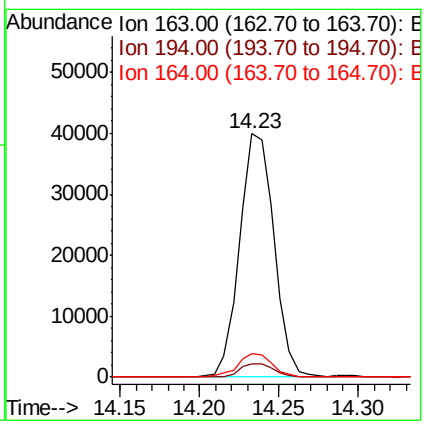


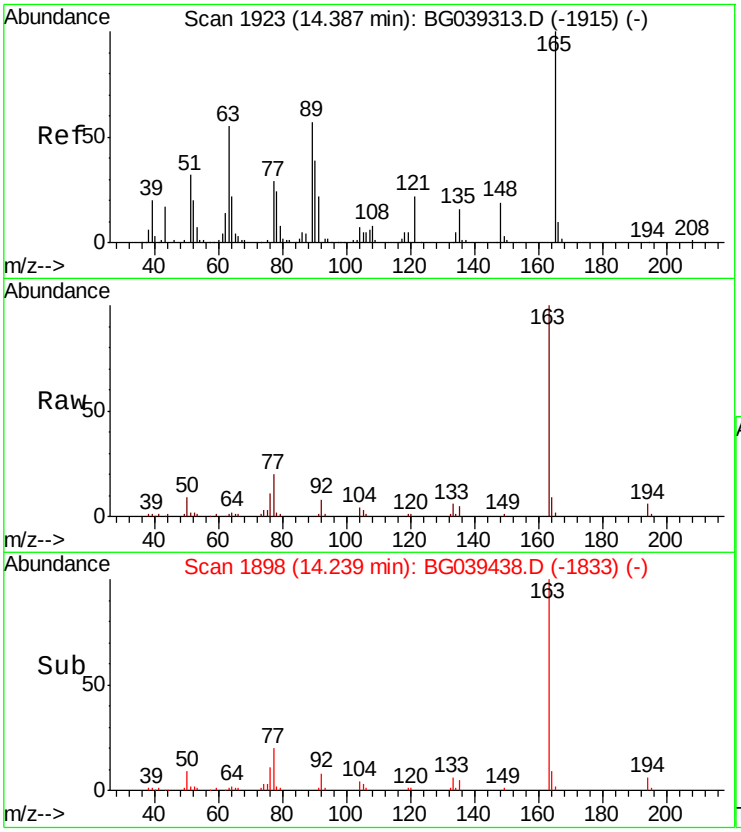


#50
Dimethylphthalate
Concen: 4.517 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:163 Resp: 60195

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.6	5.4
164	9.7	8.4	12.6



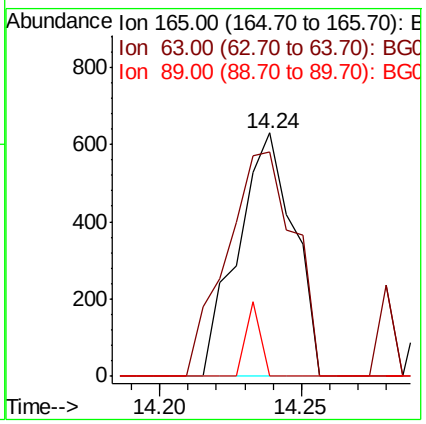


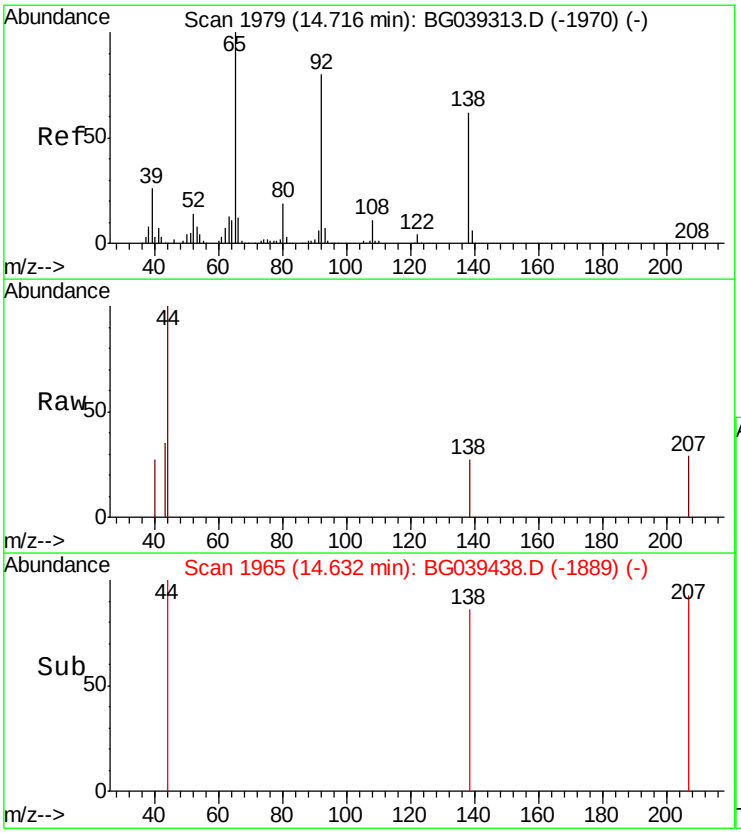
#51
2,6-Dinitrotoluene
Concen: 6.858 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.15 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:165 Resp: 863

Ion	Ratio	Lower	Upper
165	100		
63	92.4	47.0	70.6#
89	0.0	45.8	68.8#

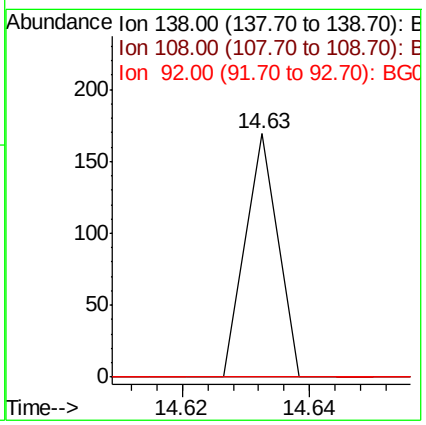


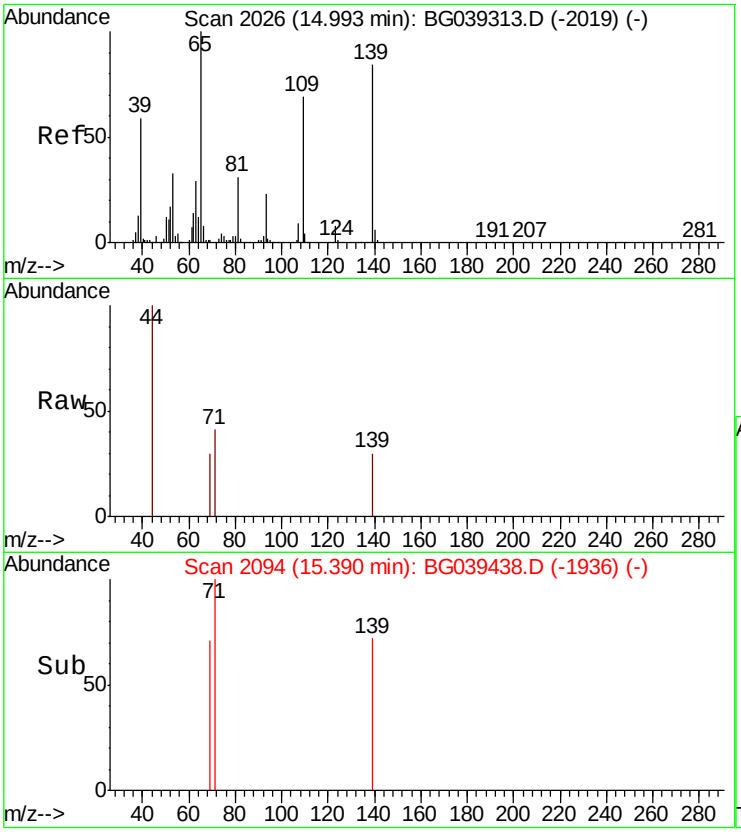


#53
3-Nitroaniline
Concen: 5.812 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.08 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:138 Resp: 60

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



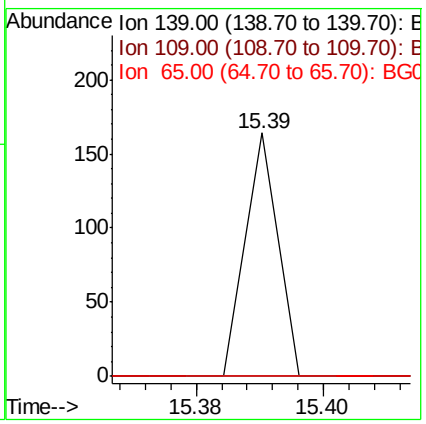


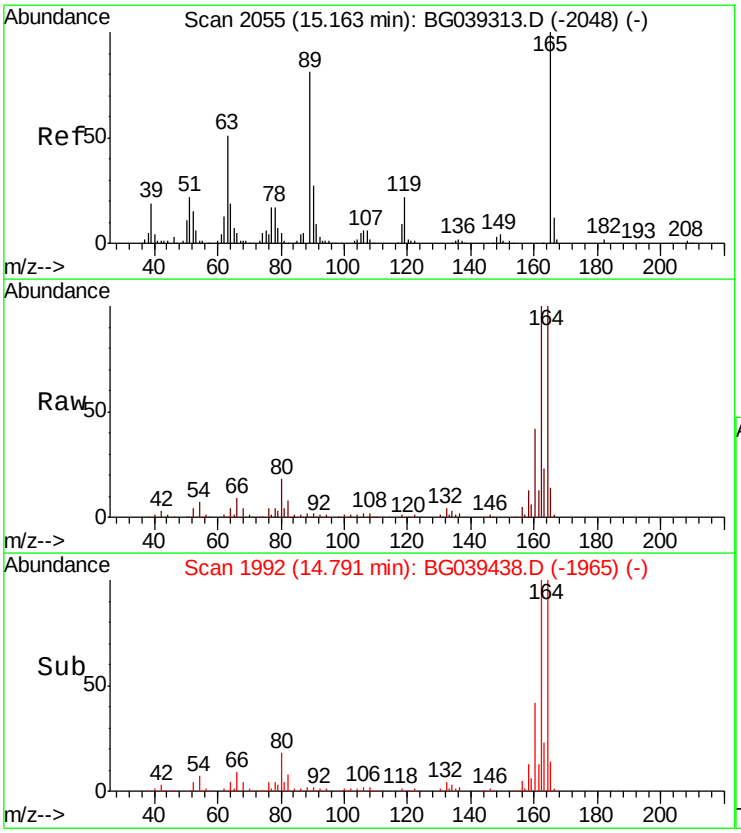
#56
4-Nitrophenol
Concen: 5.816 ng
RT: 15.39 min Scan# 2094
Delta R.T. 0.40 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:139 Resp: 58

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#

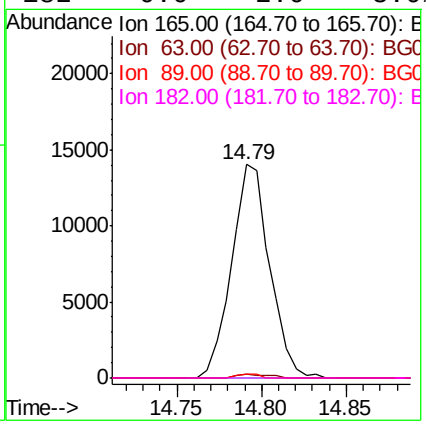


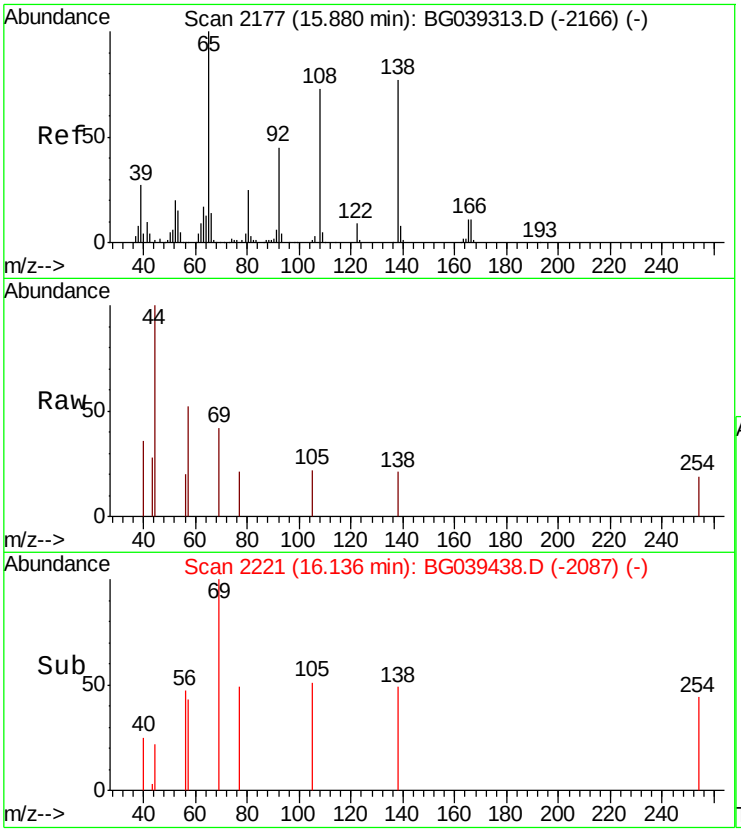


#57
2,4-Dinitrotoluene
Concen: 13.586 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:165 Resp: 21959

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	1.8	64.6	96.8#
182	0.0	2.0	3.0#



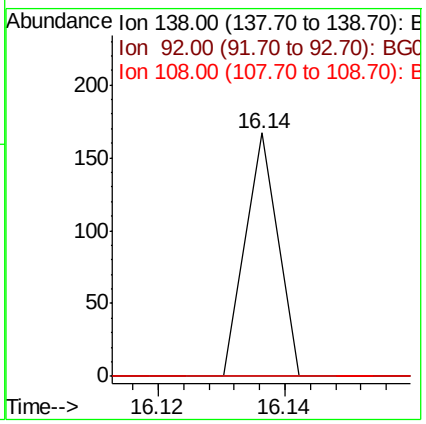


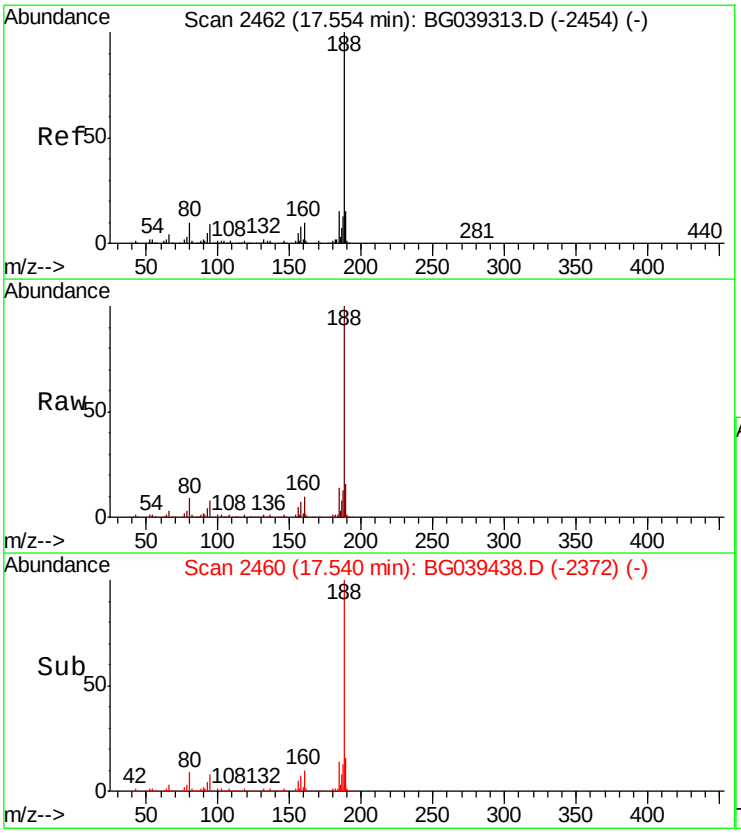
#62
4-Nitroaniline
Concen: 4.222 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.26 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#

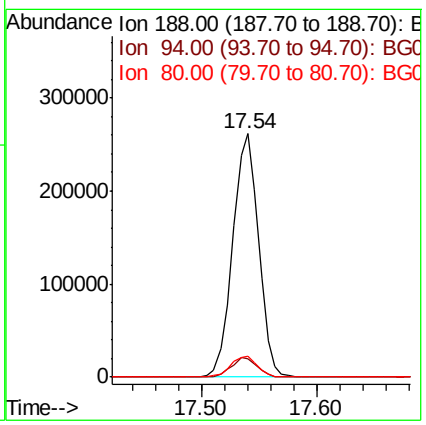


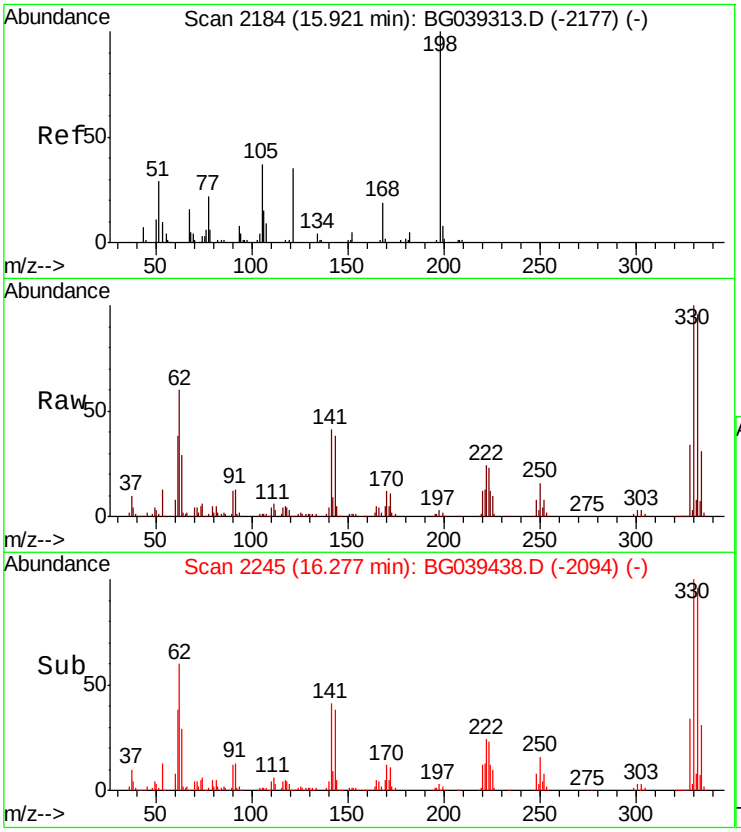


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:188 Resp: 403891

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.6	8.1	12.1



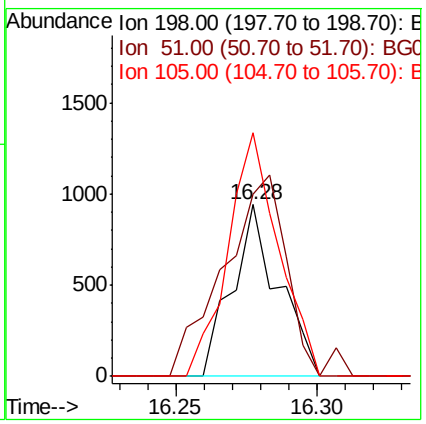


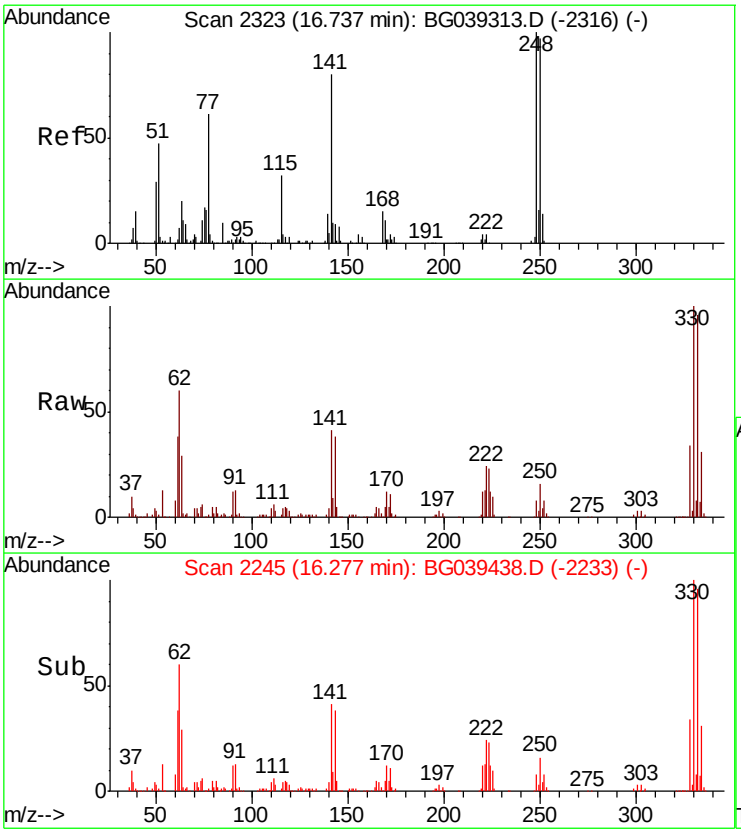
#65
4,6-Dinitro-2-methylphenol
Concen: 5.024 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:198 Resp: 1070

Ion	Ratio	Lower	Upper
198	100		
51	106.1	27.4	67.4#
105	141.8	19.7	59.7#

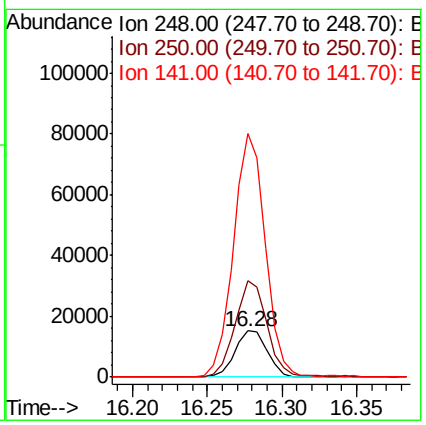


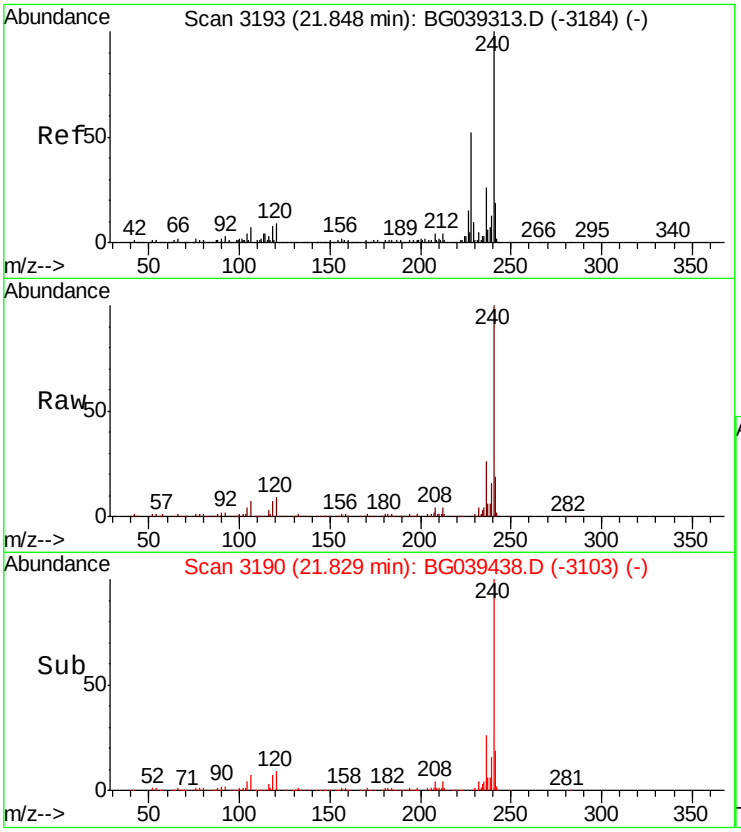


#67
4-Bromophenyl-phenylether
Concen: 5.191 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:248 Resp: 23258

Ion	Ratio	Lower	Upper
248	100		
250	209.2	77.6	116.4#
141	526.4	63.9	95.9#



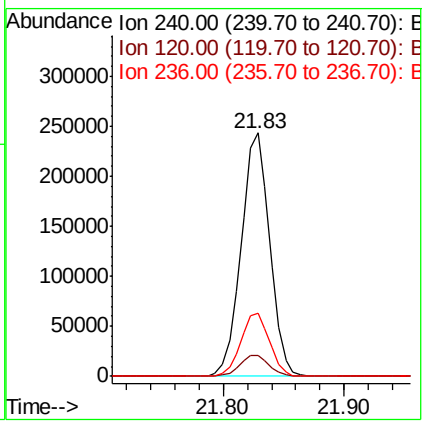


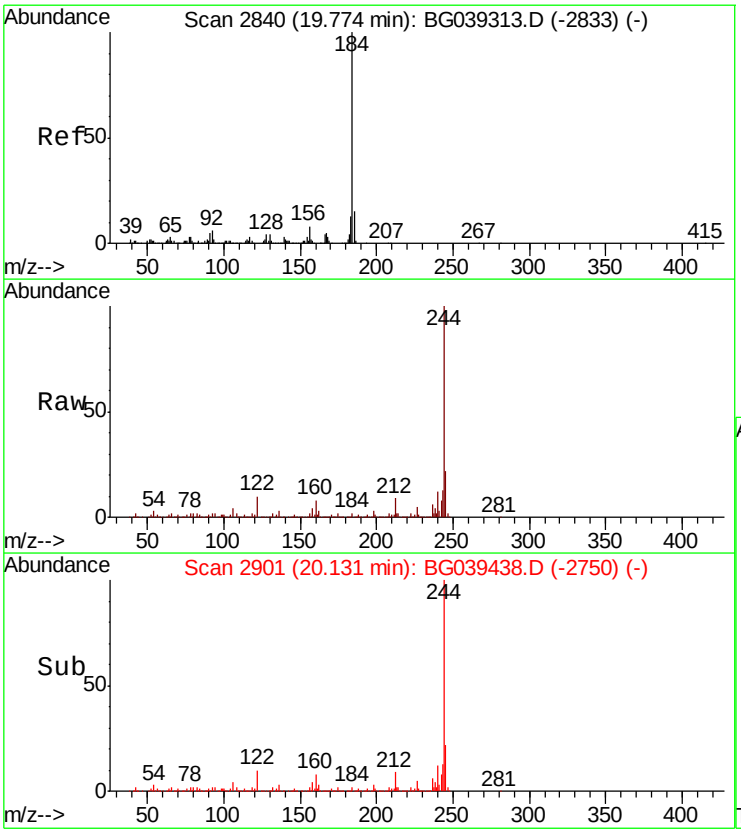
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:240 Resp: 402462

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.0	21.0	31.4

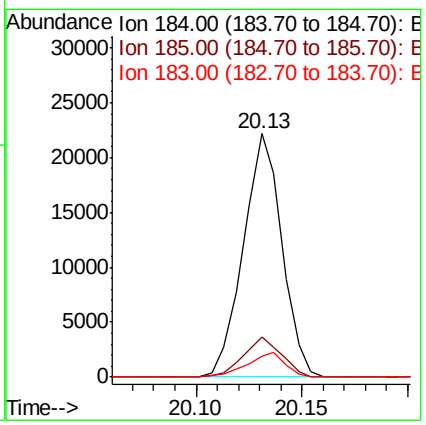


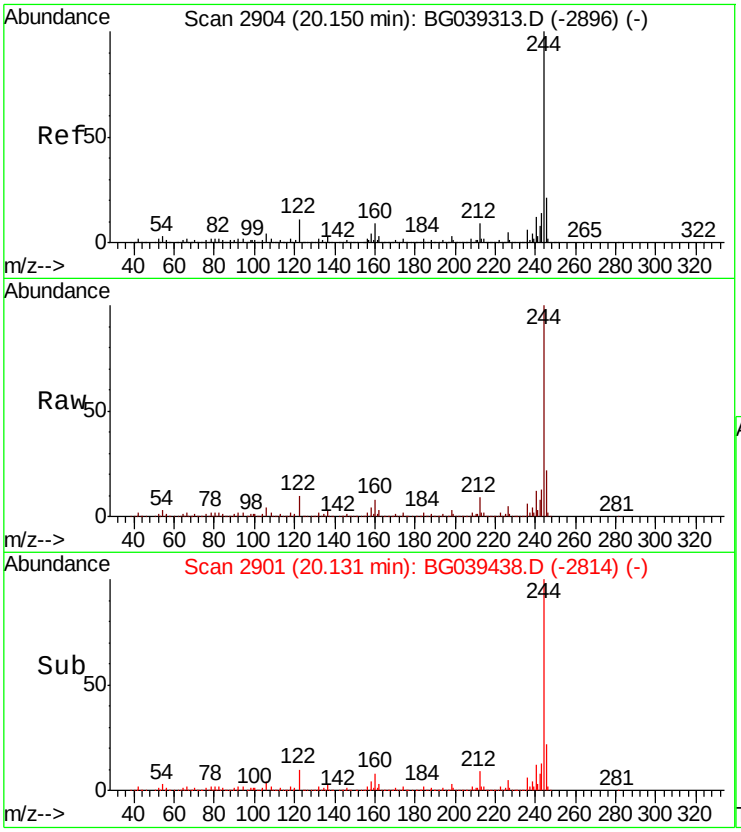


#77
Benzidine
Concen: 2.127 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:184 Resp: 28071

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	8.5	10.6	15.8#



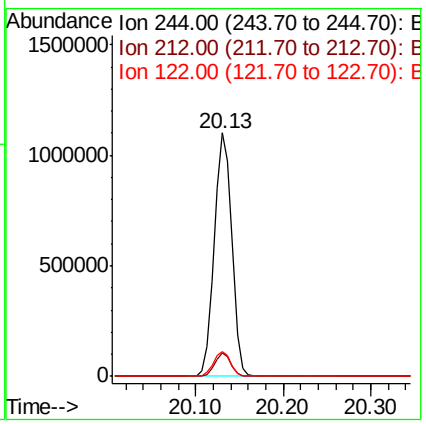


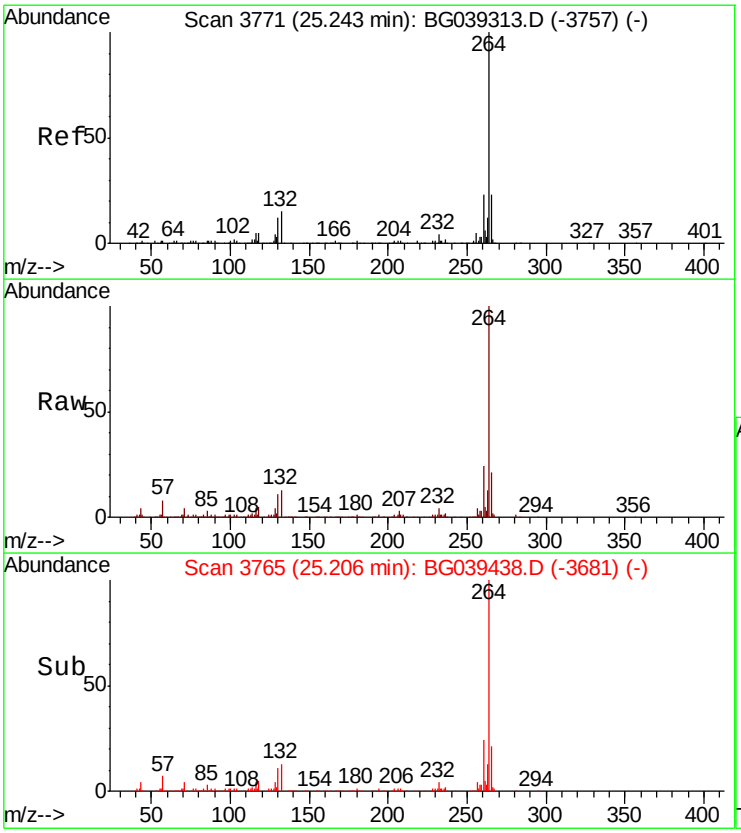
#79
Terphenyl-d14
Concen: 80.662 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tgt Ion:244 Resp: 1533697

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:264 Resp: 409736

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.3	18.5	27.7