Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039406.D
Acq On : 8 Feb 2019 7:27
Operator : JU/SJ
Sample : K1389-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7-S

Quant Time: Feb 08 09:18:13 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	8.18	152	50522	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	216825	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	143210	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	345327	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	376119	20.00	ng	-0.02
87) Perylene-d12	25.22	264	355018	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432825	146.63	ng	0.00
7) Phenol-d6	7.31	99	576635	132.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	394502	113.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	199935	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	948671	95.03	ng	-0.01
79) Terphenyl-d14	20.14	244	1586409	89.28	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1188	Below Cal	#	64
19) n-Nitroso-di-n-propylamine	9.35	70	52896	17.15	ng	# 73
48) 2-Nitroaniline	13.42	65	1731	8.85	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	18181	13.82	ng	# 22
53) 3-Nitroaniline	14.22	138	68	5.82	ng	# 1
56) 4-Nitrophenol	15.38	139	60	5.82	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	18181	13.32	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.28	198	677	4.80	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	15422	4.03	ng	# 1
77) Benzidine	20.14	184	28193	2.29	ng	# 92

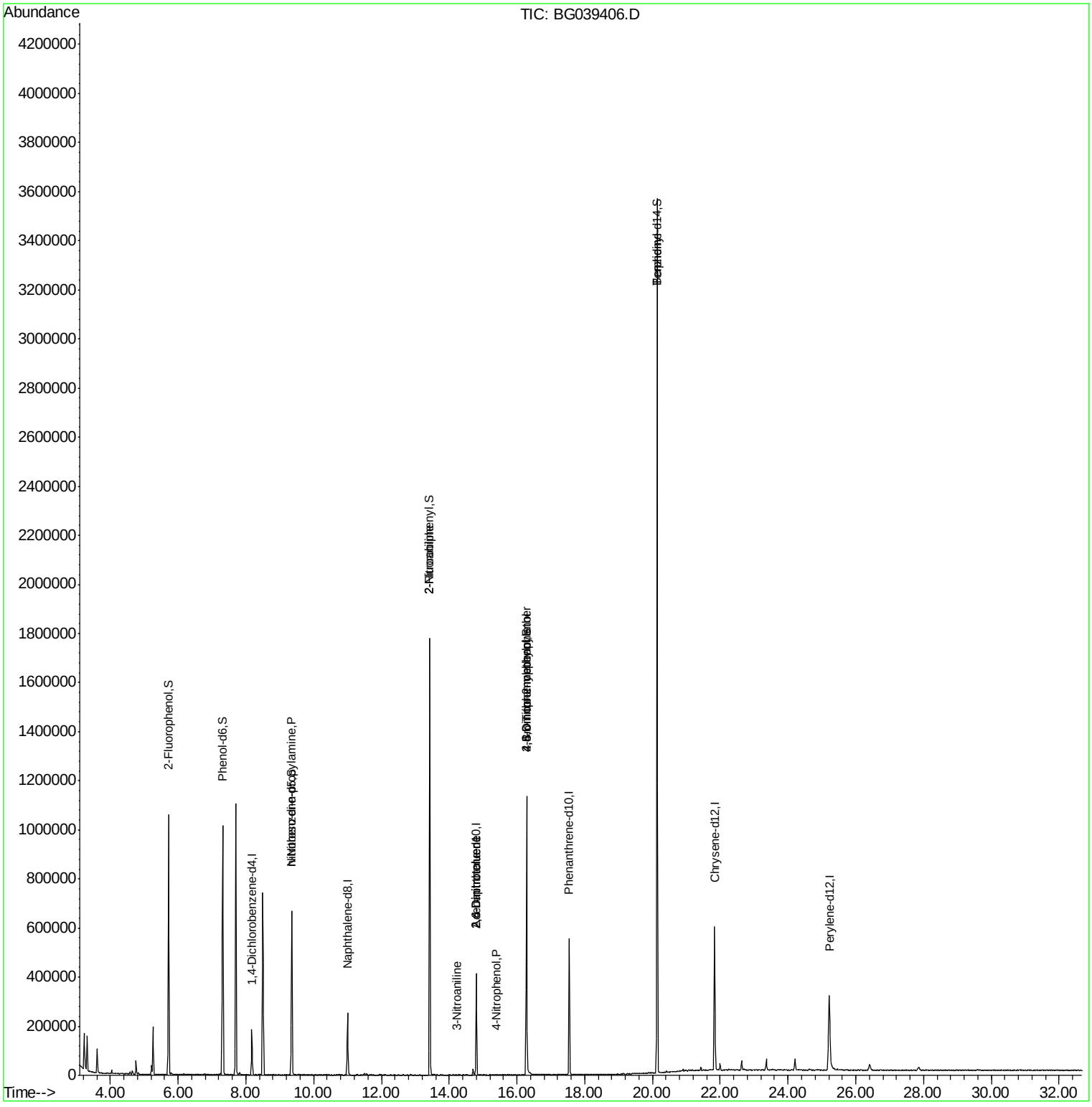
(#) = qualifier out of range (m) = manual integration (+) = signals summed

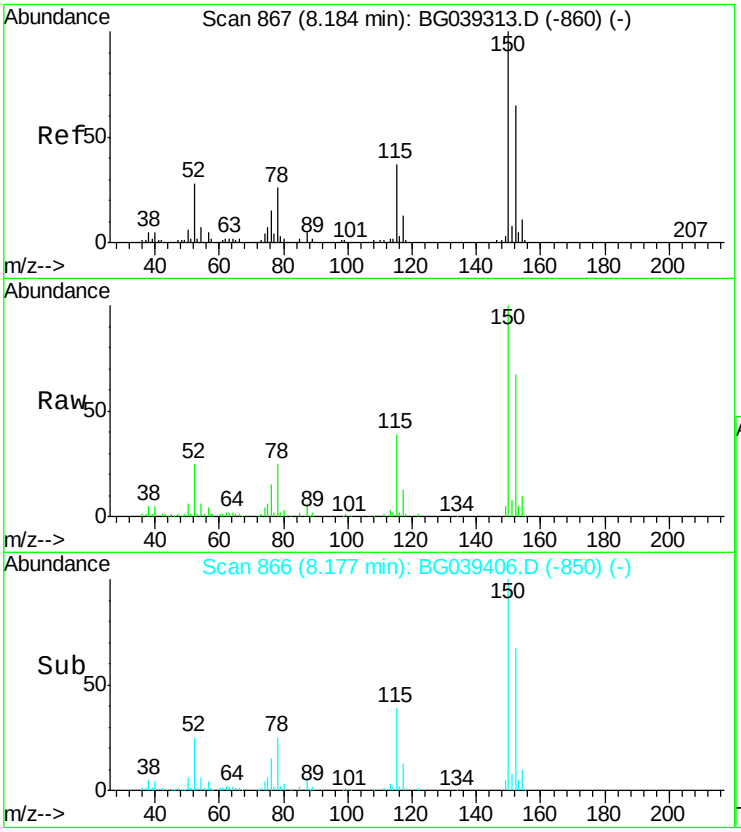
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039406.D
Acq On : 8 Feb 2019 7:27
Operator : JU/SJ
Sample : K1389-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7-S

Quant Time: Feb 08 09:18:13 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



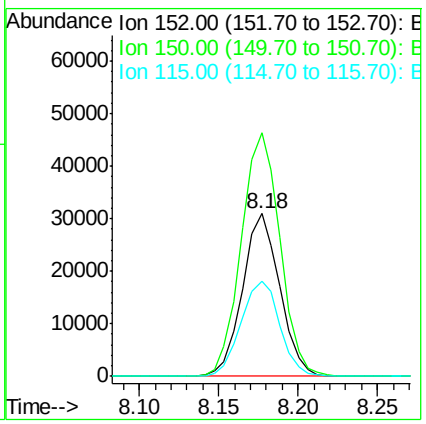


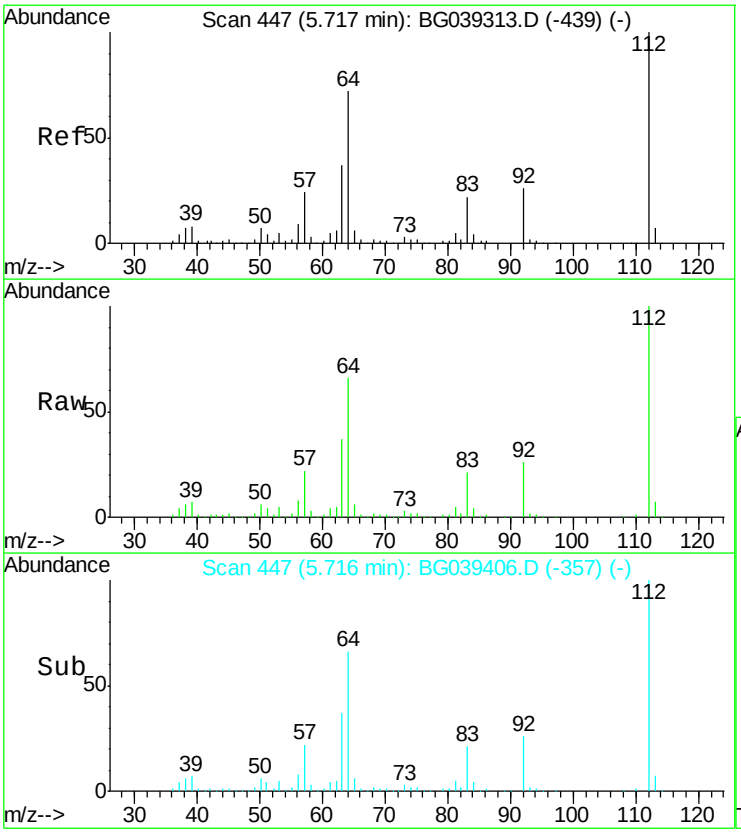
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:152 Resp: 50522

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.7	185.5
115	58.2	45.9	68.9

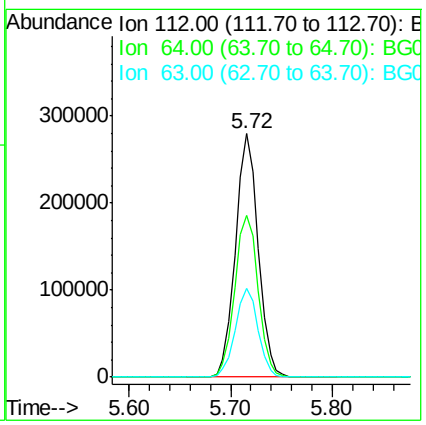


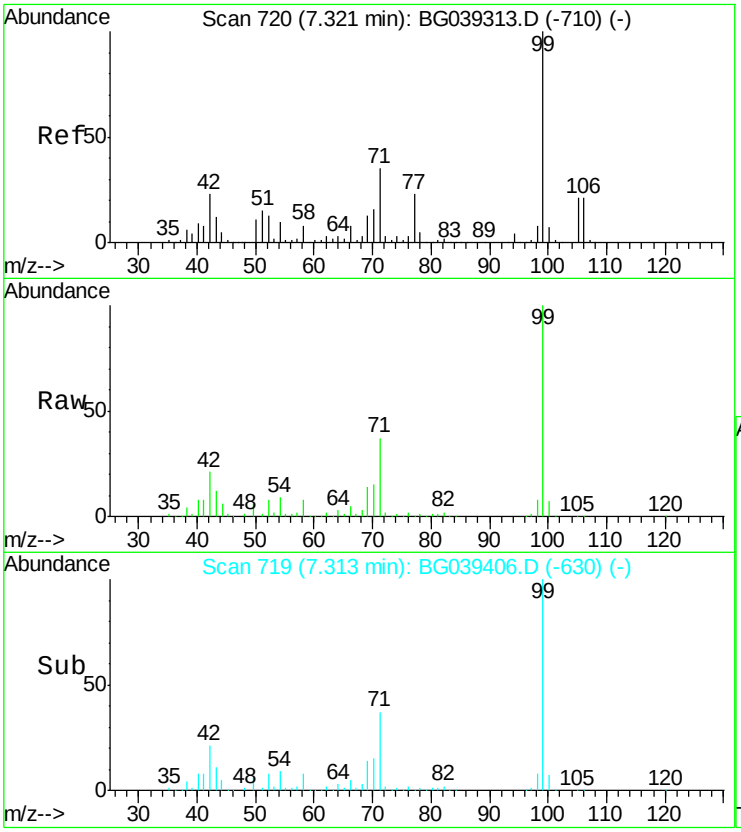


#5
2-Fluorophenol
Concen: 146.63 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:112 Resp: 432825

Ion	Ratio	Lower	Upper
112	100		
64	66.2	57.8	86.8
63	36.7	29.8	44.6



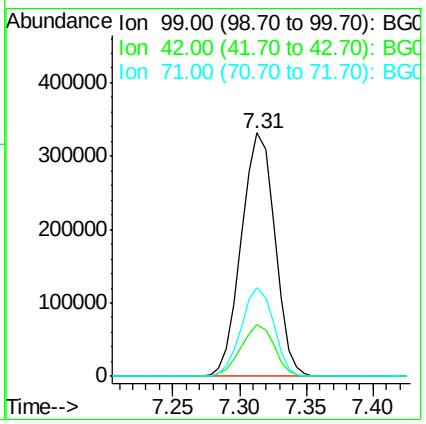


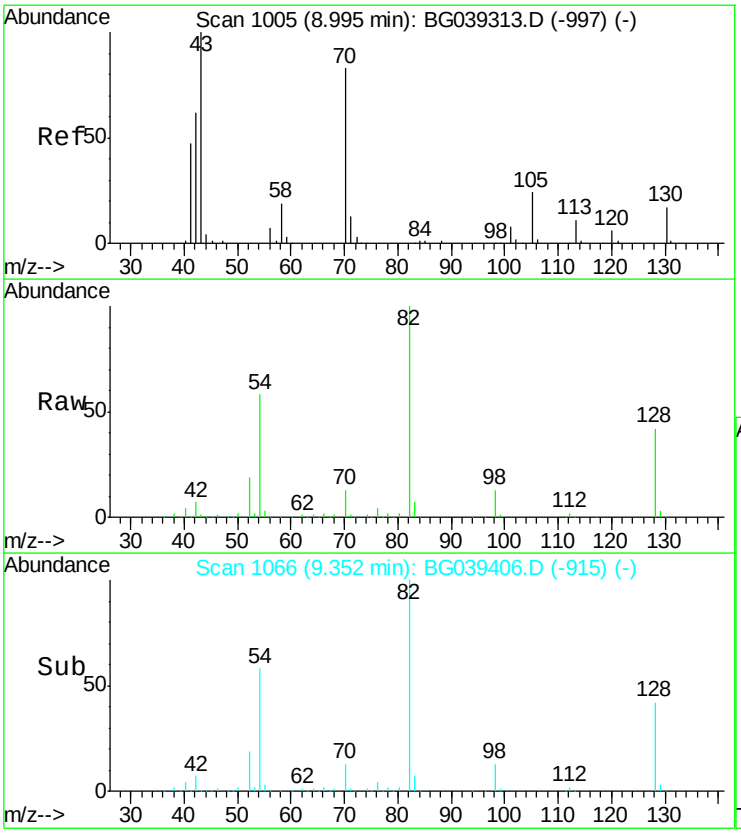
#7
Phenol-d6
Concen: 132.71 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion: 99 Resp: 576635

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.2
71	36.6	28.0	42.0

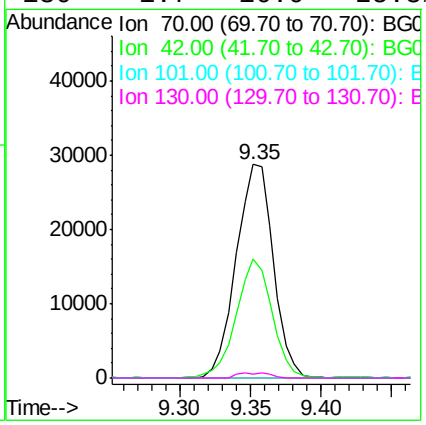


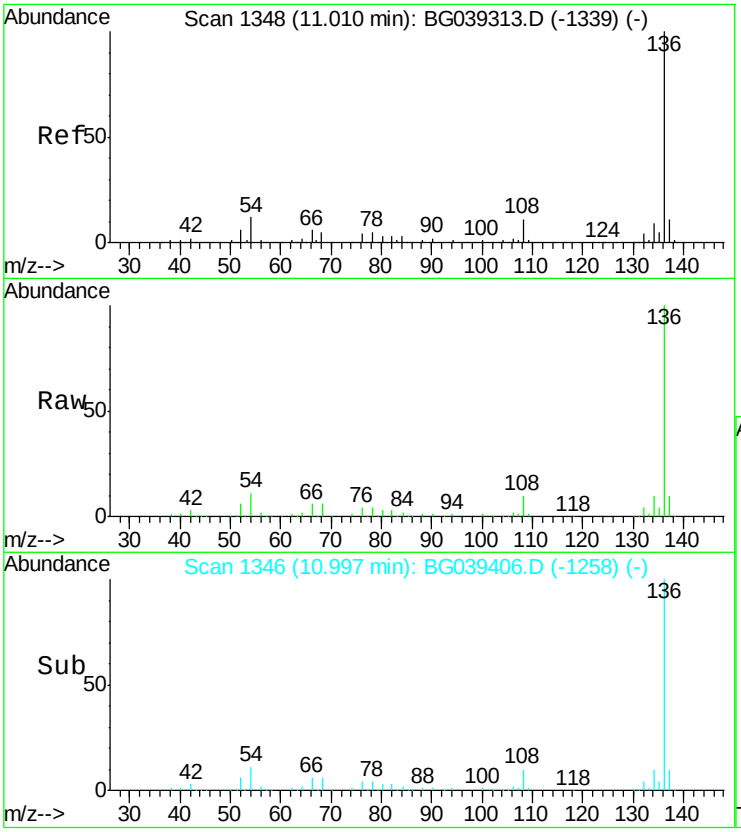


#19
n-Nitroso-di-n-propylamine
Concen: 17.15 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion: 70 Resp: 52896

Ion	Ratio	Lower	Upper
70	100		
42	56.0	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#



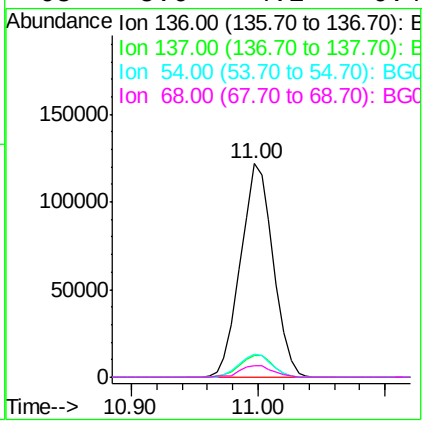


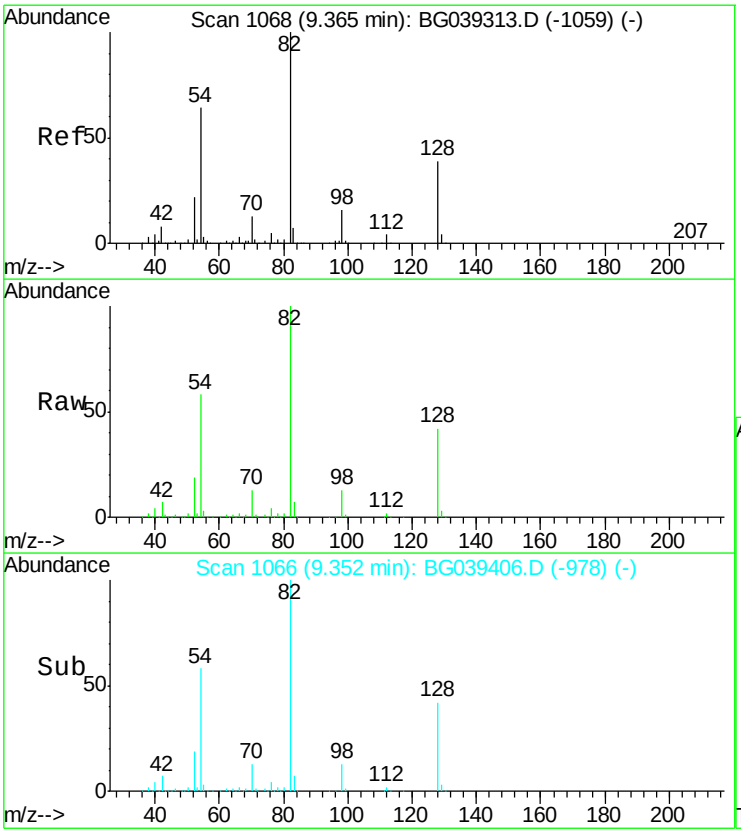
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:136 Resp: 216825

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	10.6	9.4	14.2
68	5.6	4.2	6.4

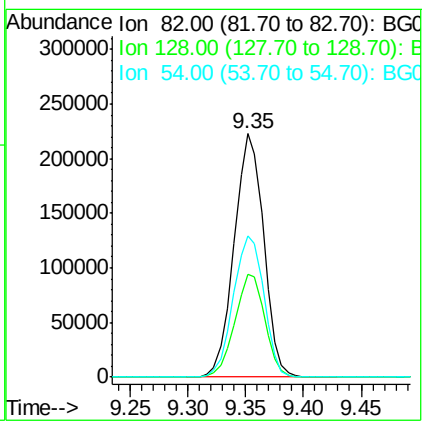


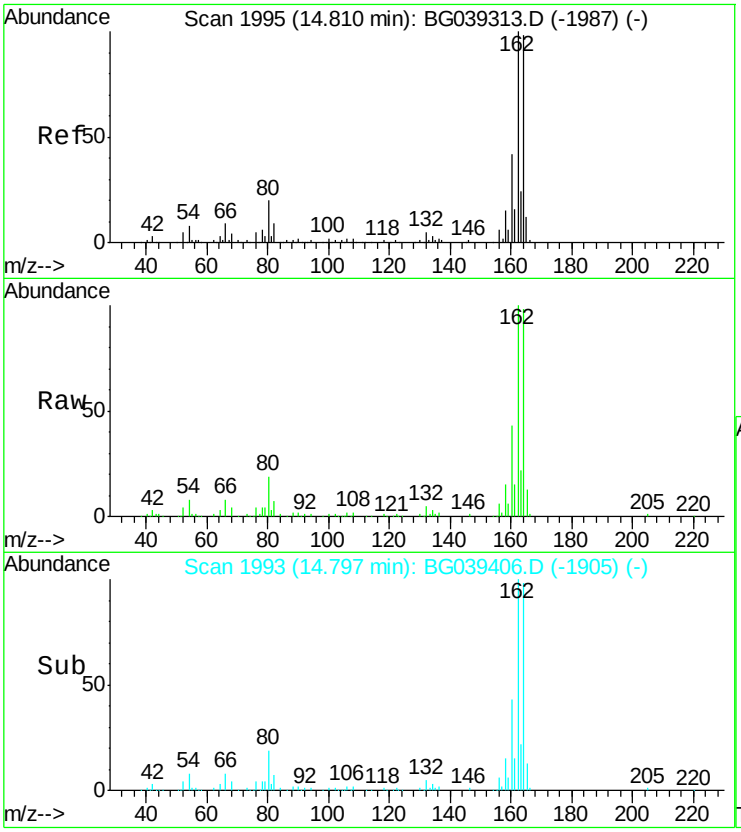


#23
Nitrobenzene-d5
Concen: 113.66 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion: 82 Resp: 394502

Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	58.1	50.9	76.3



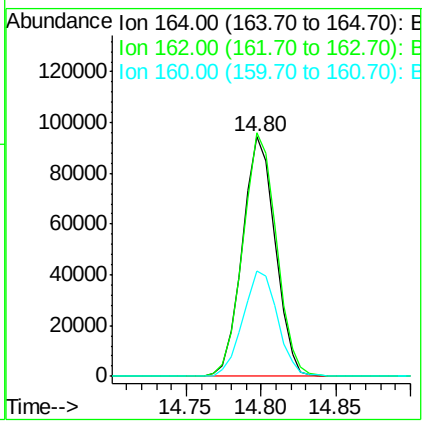


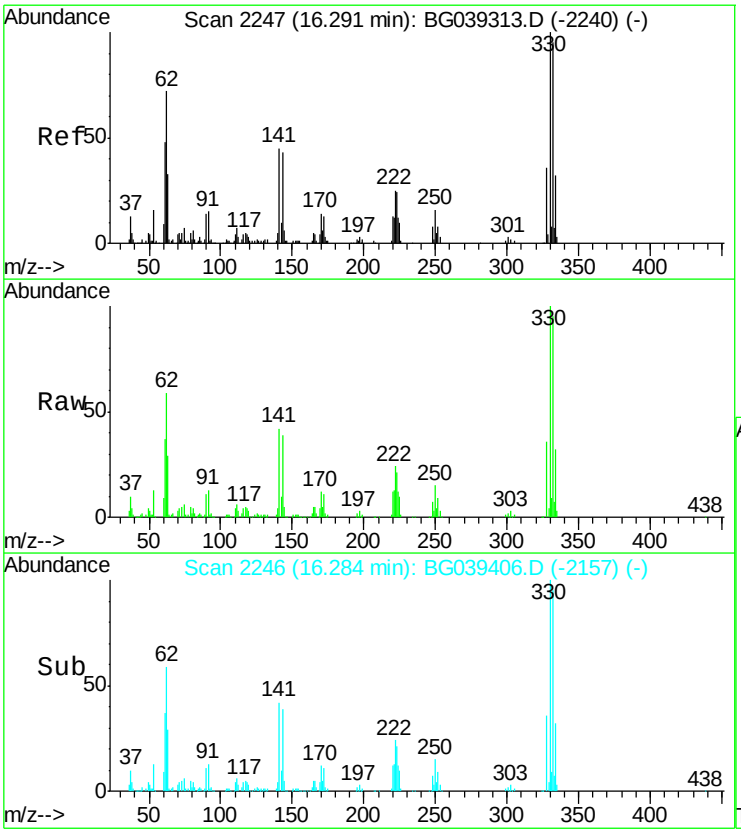
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:164 Resp: 143210

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	44.1	34.2	51.2

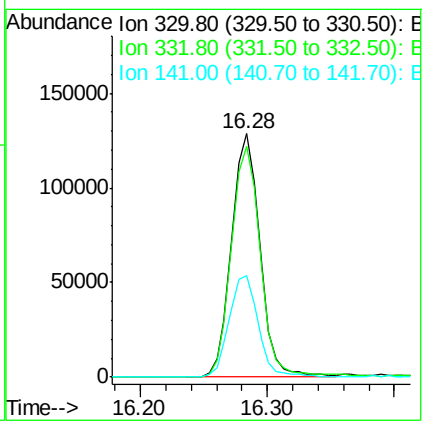


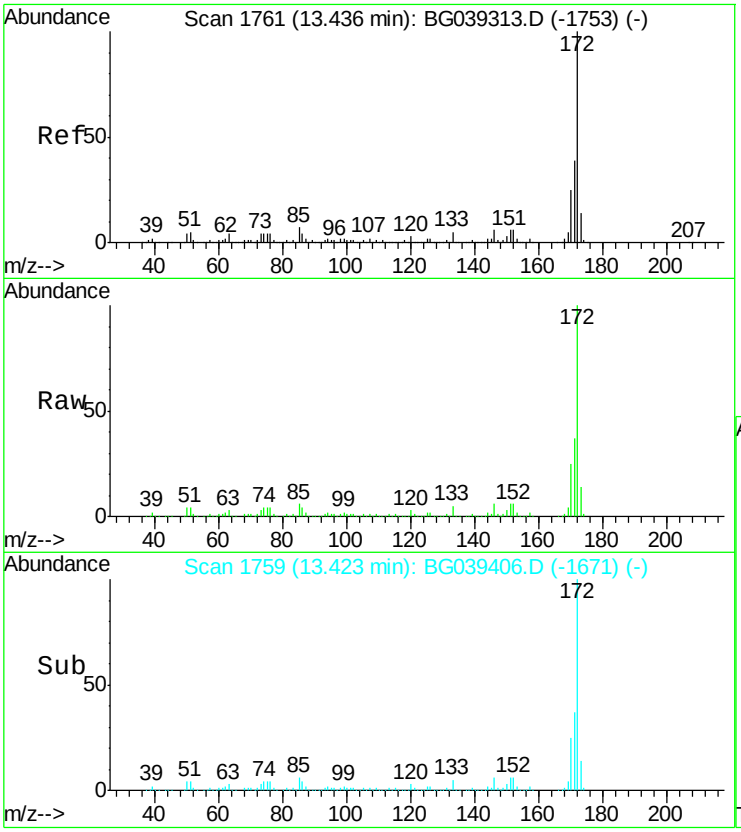


#42
2,4,6-Tribromophenol
Concen: 129.65 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:330 Resp: 199935

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.7	113.5
141	42.7	35.6	53.4



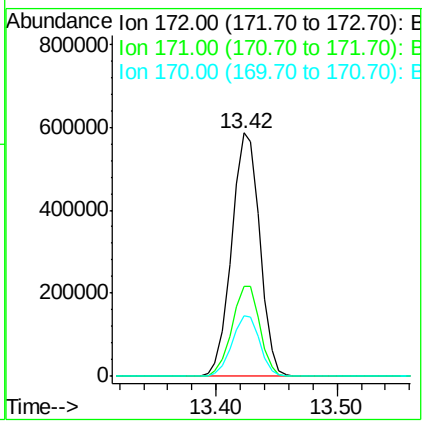


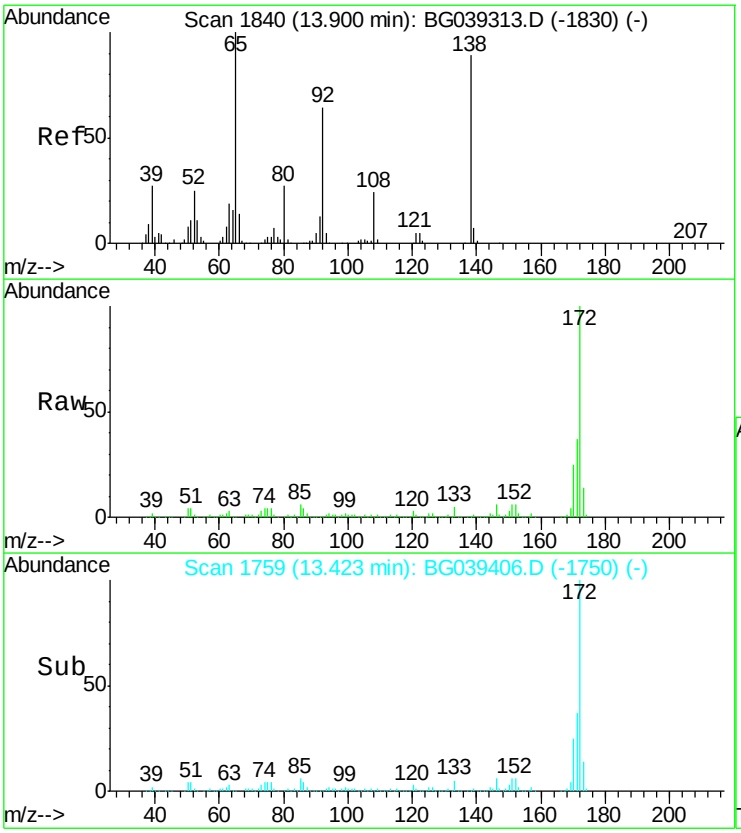
#45
2-Fluorobiphenyl
Concen: 95.03 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:172 Resp: 948671

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.9	20.2	30.4

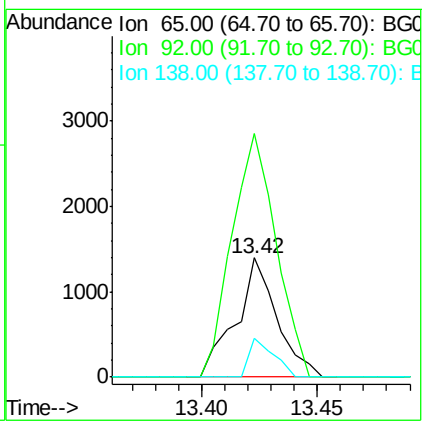


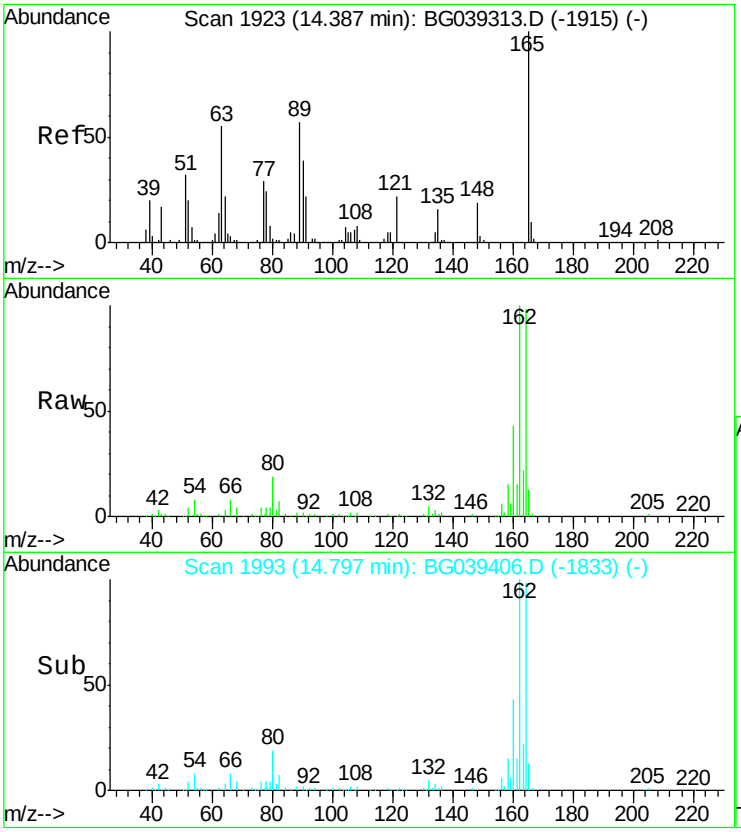


#48
2-Nitroaniline
Concen: 8.85 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion: 65 Resp: 1731

Ion	Ratio	Lower	Upper
65	100		
92	204.5	51.4	77.2#
138	32.9	71.4	107.2#



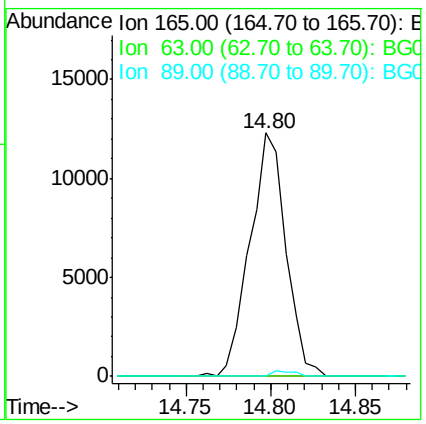


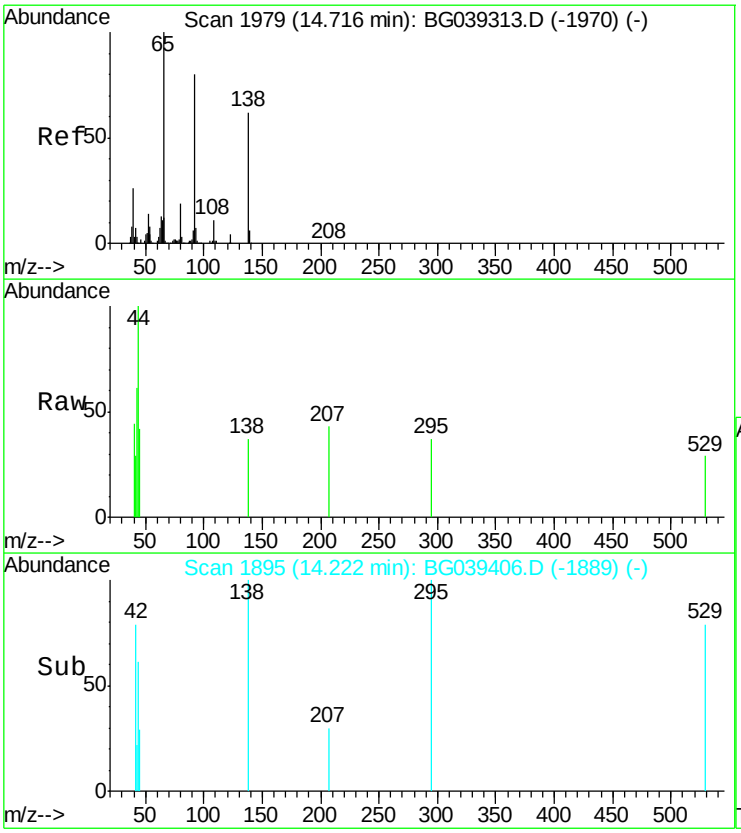
#51
2,6-Dinitrotoluene
Concen: 13.82 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:165 Resp: 18181

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

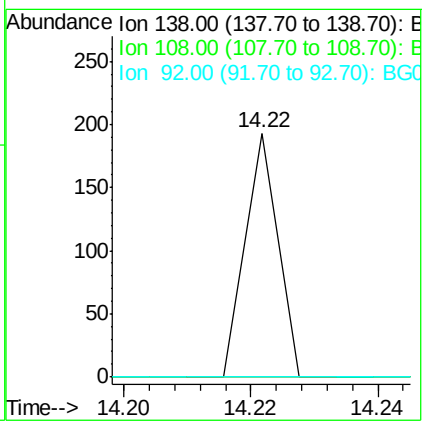


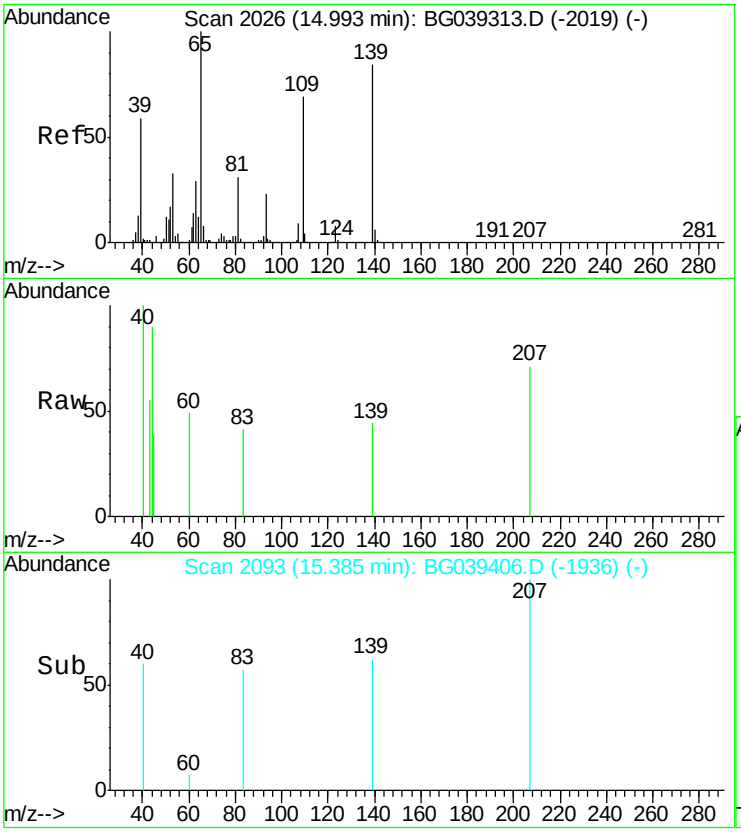


#53
3-Nitroaniline
Concen: 5.82 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.49 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:138 Resp: 68

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



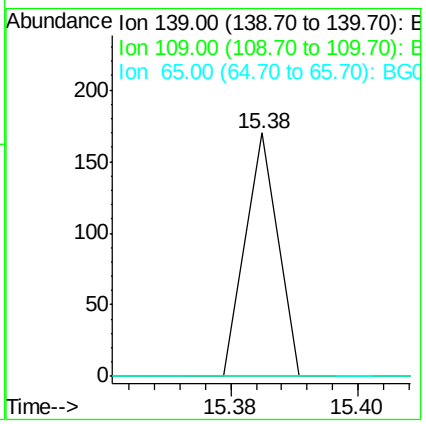


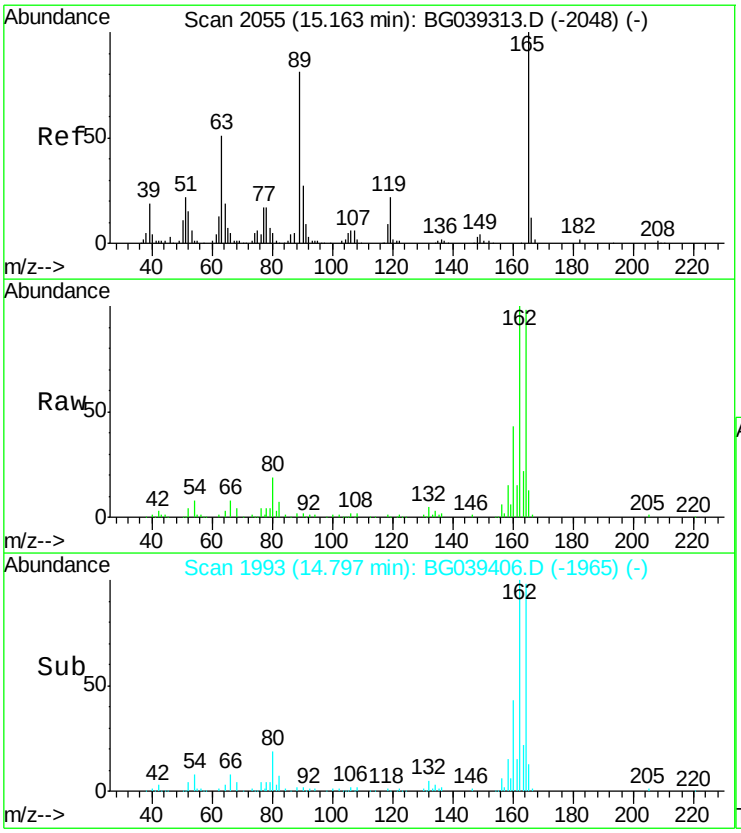
#56
4-Nitrophenol
Concen: 5.82 ng
RT: 15.38 min Scan# 2093
Delta R.T. 0.39 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:139 Resp: 60

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

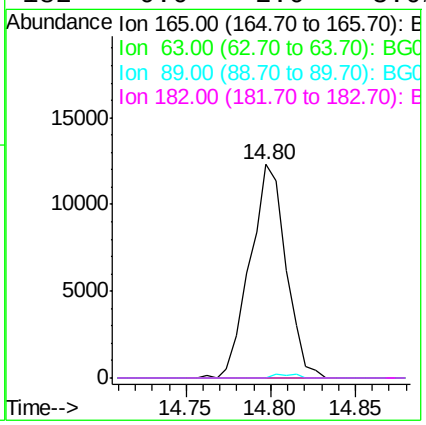


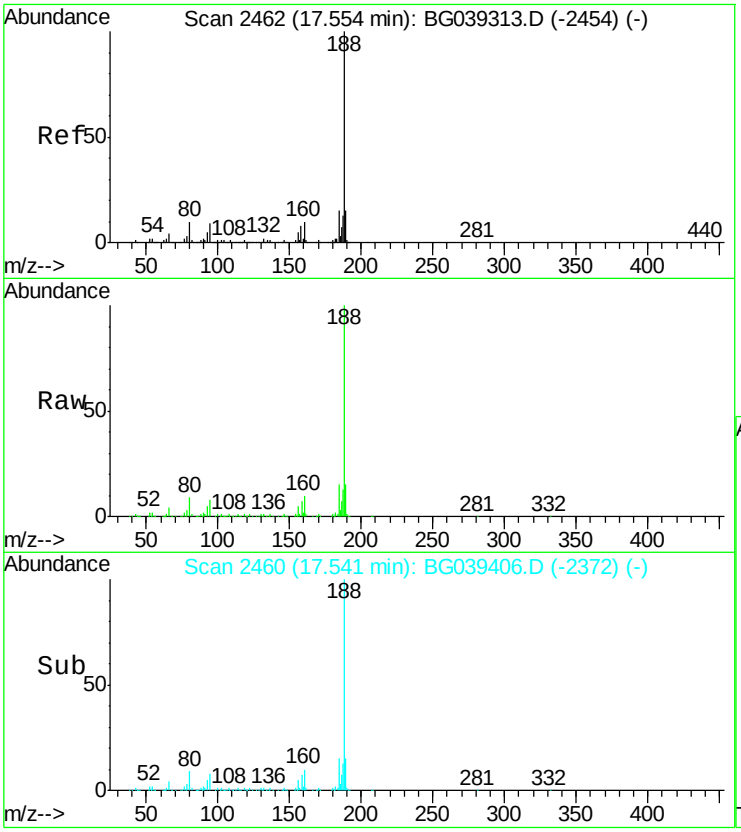


#57
2,4-Dinitrotoluene
Concen: 13.32 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:165 Resp: 18181

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



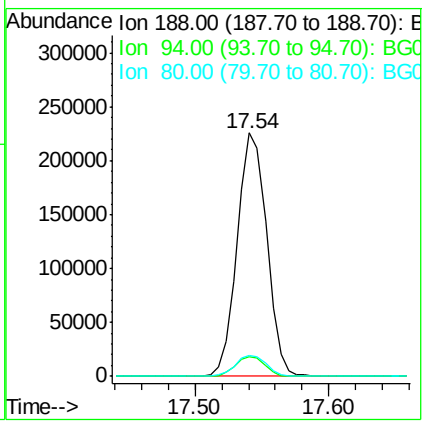


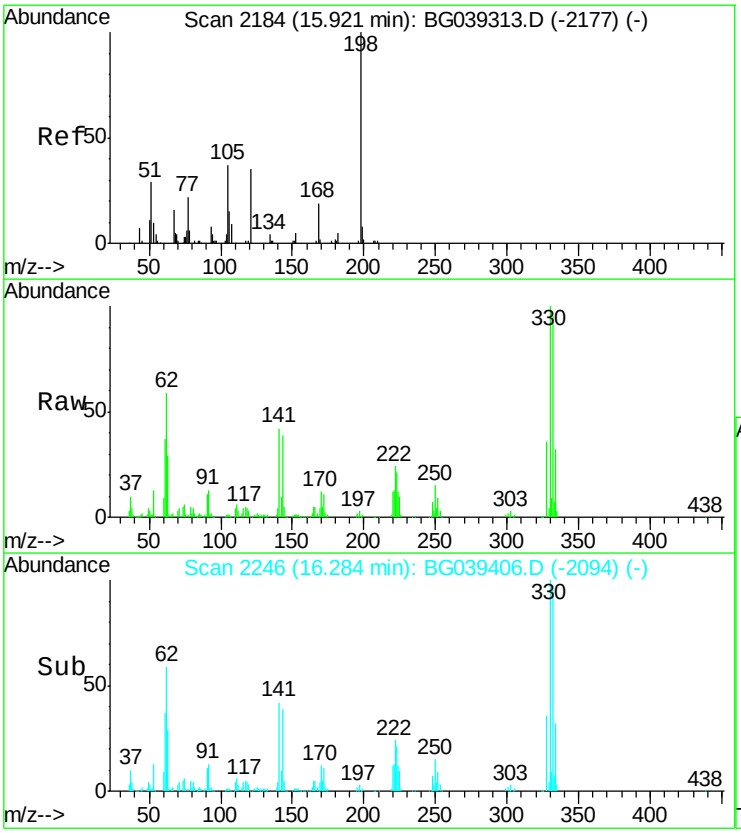
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:188 Resp: 345327

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	8.8	8.1	12.1

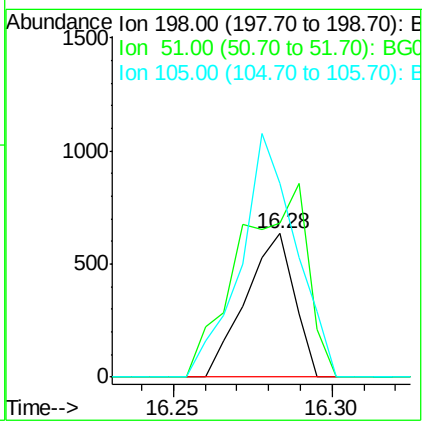


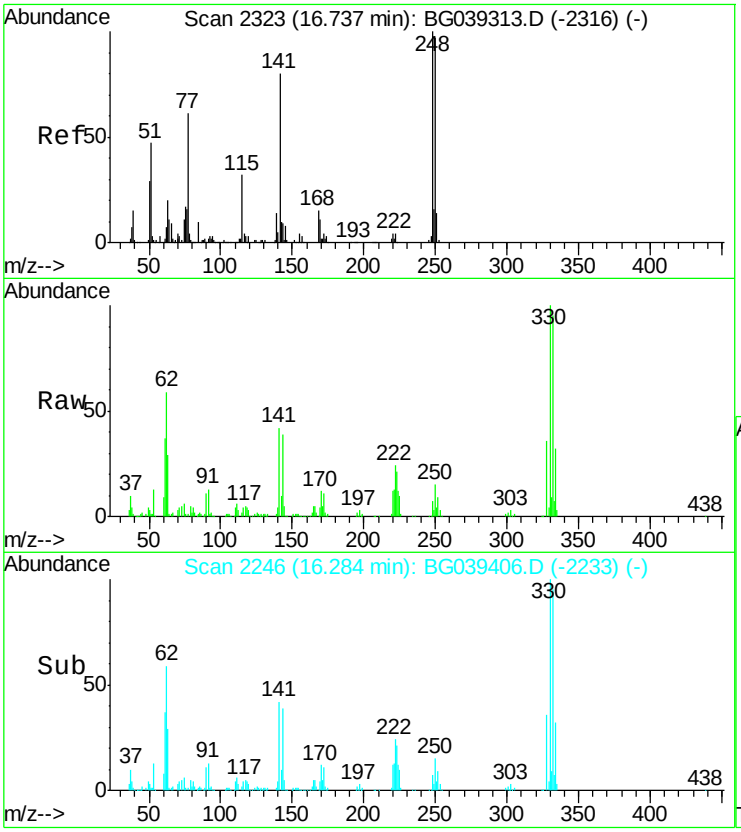


#65
4,6-Dinitro-2-methylphenol
Concen: 4.80 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:198 Resp: 677

Ion	Ratio	Lower	Upper
198	100		
51	107.6	27.4	67.4#
105	135.1	19.7	59.7#



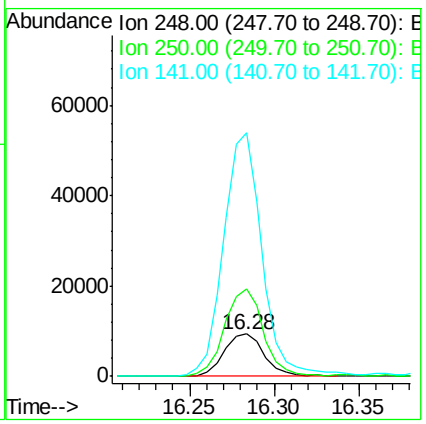


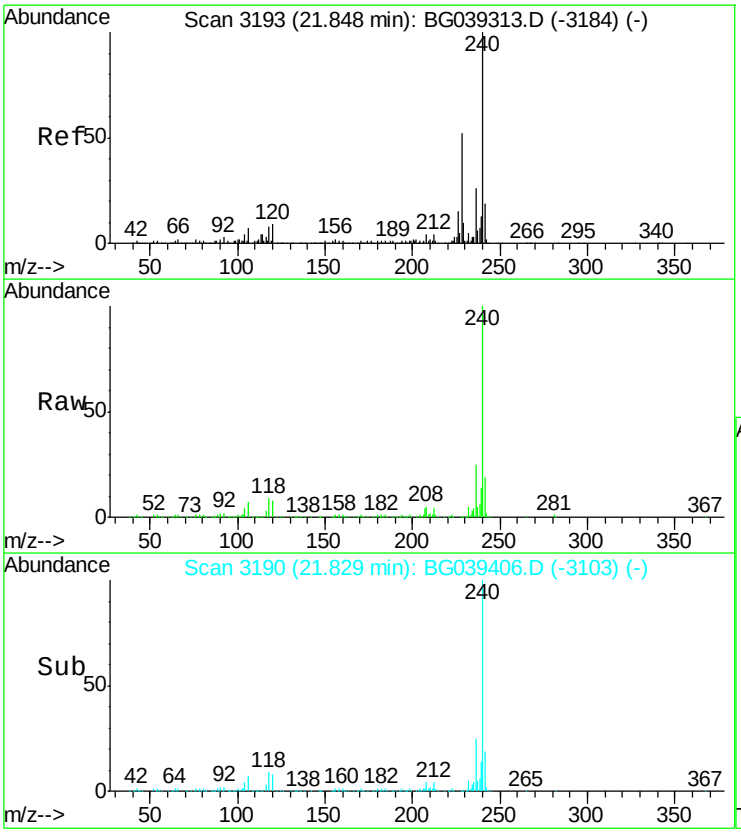
#67
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:248 Resp: 15422

Ion	Ratio	Lower	Upper
248	100		
250	205.7	77.6	116.4#
141	575.5	63.9	95.9#

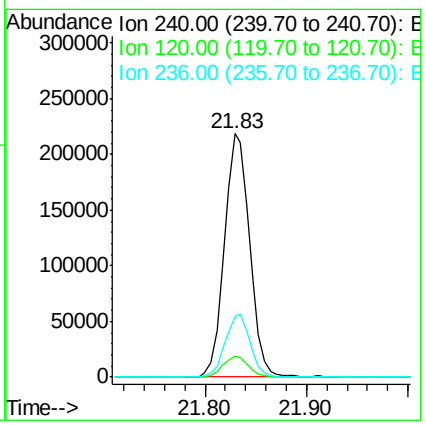


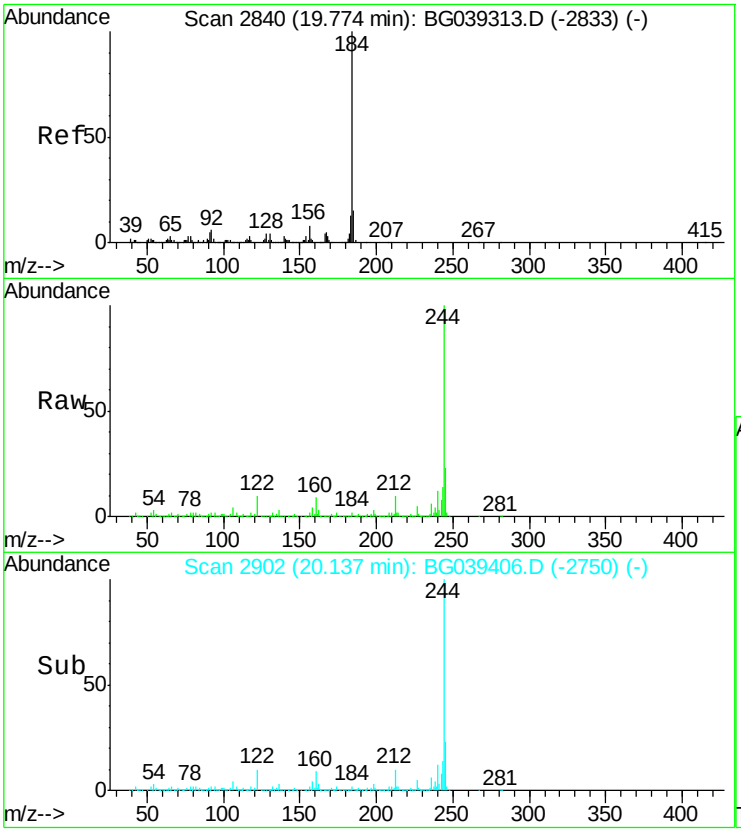


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:240 Resp: 376119

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	24.7	21.0	31.4



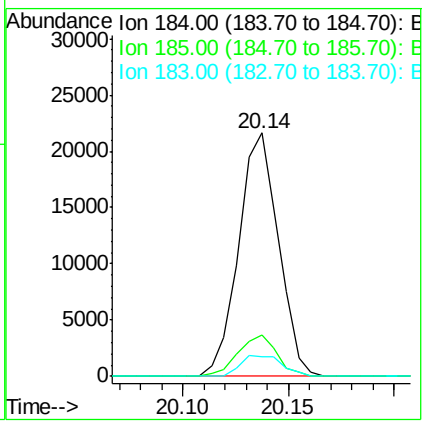


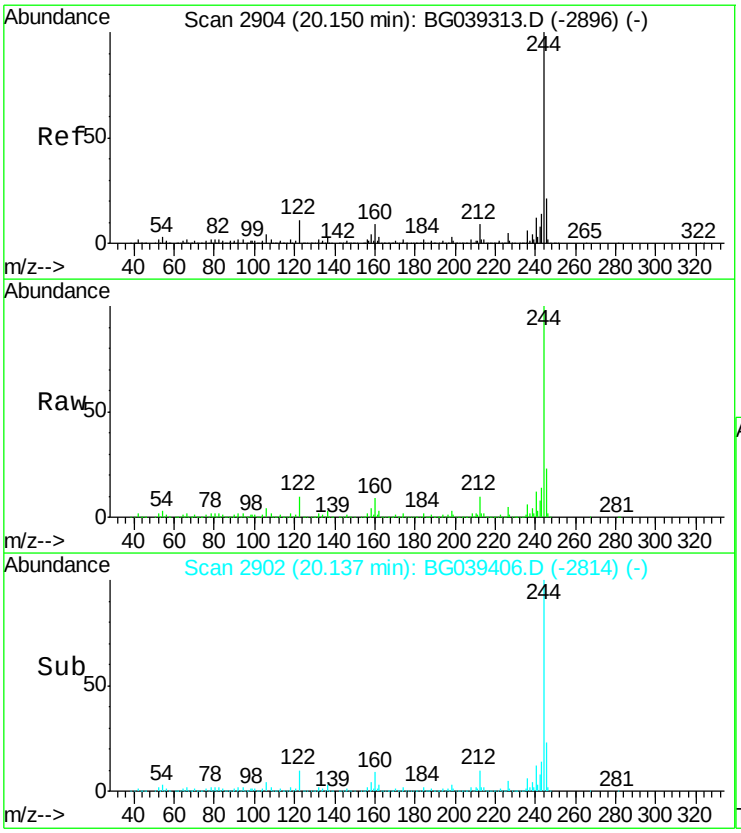
#77
Benzidine
Concen: 2.29 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:184 Resp: 28193

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.2	18.2
183	8.1	10.6	15.8#

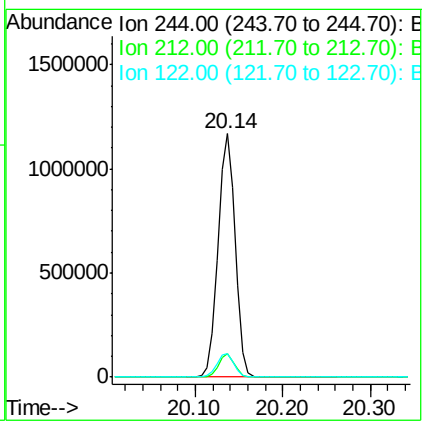


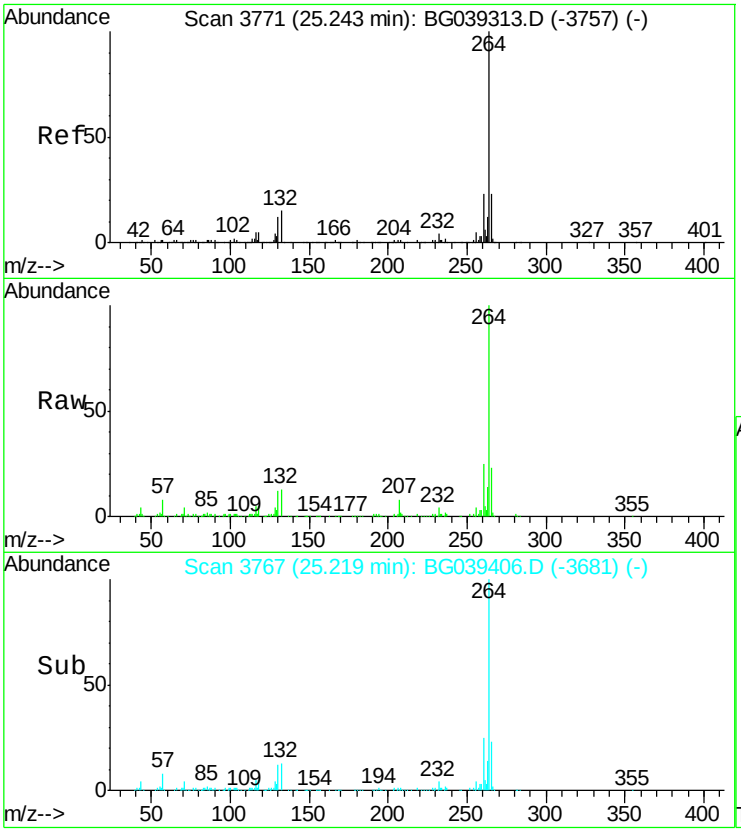


#79
Terphenyl-d14
Concen: 89.28 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:244 Resp: 1586409

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

Tgt Ion:264 Resp: 355018

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	23.2	18.5	27.7