Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
Data File : BG039347.D
Acq On : 1 Feb 2019 17:54
Operator : JU/SJ
Sample : PB116762BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116762BL

Quant Time: Feb 02 01:02:57 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	43782	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	189251	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	124828	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	297072	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	335991	20.00	ng	-0.01
87) Perylene-d12	25.22	264	330163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	408758	159.79	ng	0.00
7) Phenol-d6	7.31	99	579183	153.82	ng	0.00
23) Nitrobenzene-d5	9.35	82	323297	106.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	198554	147.71	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	833166	95.75	ng	0.00
79) Terphenyl-d14	20.14	244	1394704	87.86	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1063	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	42492	15.899	ng	# 72
48) 2-Nitroaniline	13.43	65	1418	8.819	ng	# 4
51) 2,6-Dinitrotoluene	14.80	165	15289	13.565	ng	# 26
53) 3-Nitroaniline	14.84	138	63	5.820	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	15289	13.127	ng	# 21
62) 4-Nitroaniline	15.80	138	60	4.228	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	864	5.107	ng	# 7
67) 4-Bromophenyl-phenylether	16.28	248	15711	4.767	ng	# 1
77) Benzidine	20.14	184	25084	2.277	ng	# 94

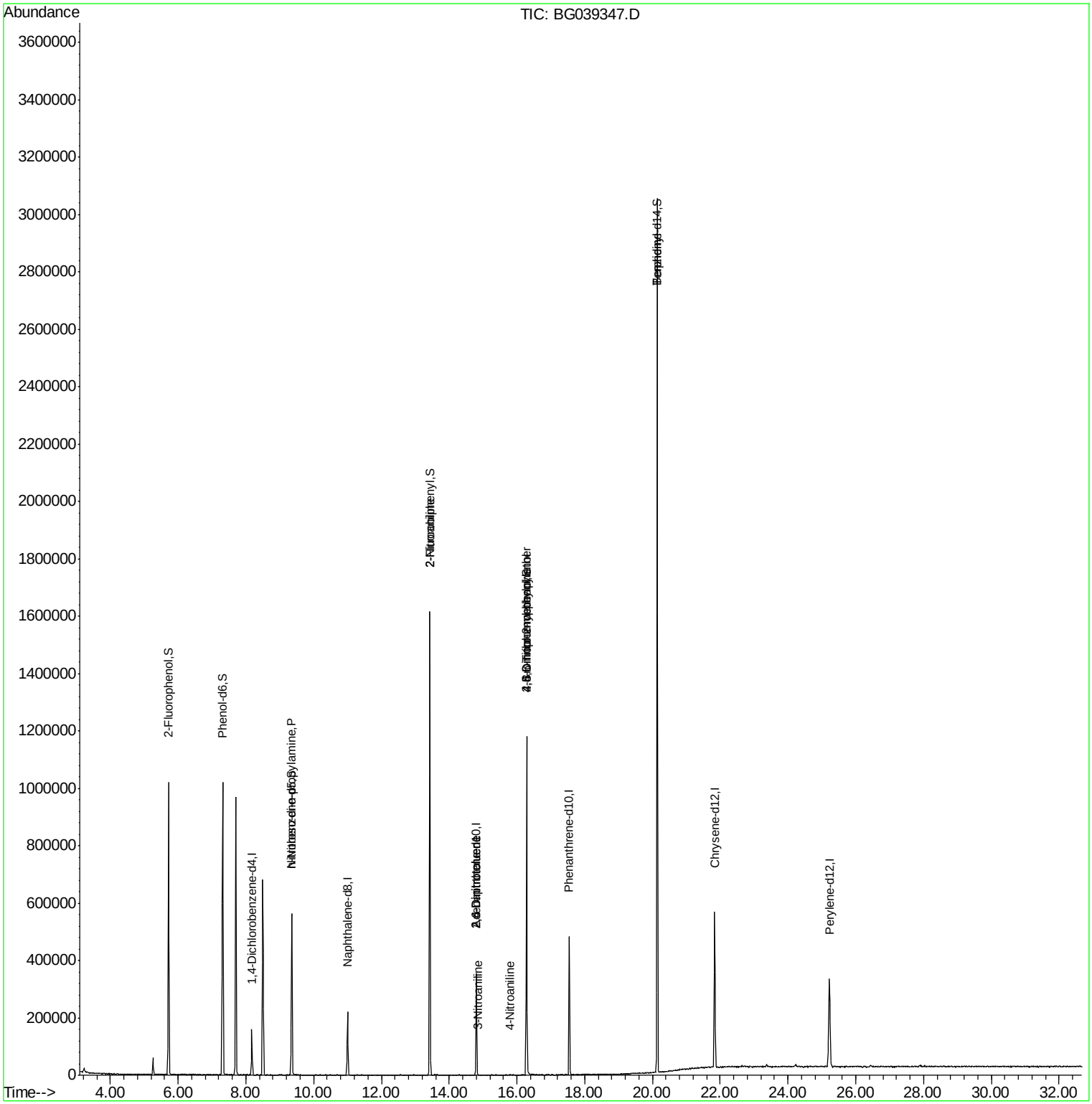
(#) = qualifier out of range (m) = manual integration (+) = signals summed

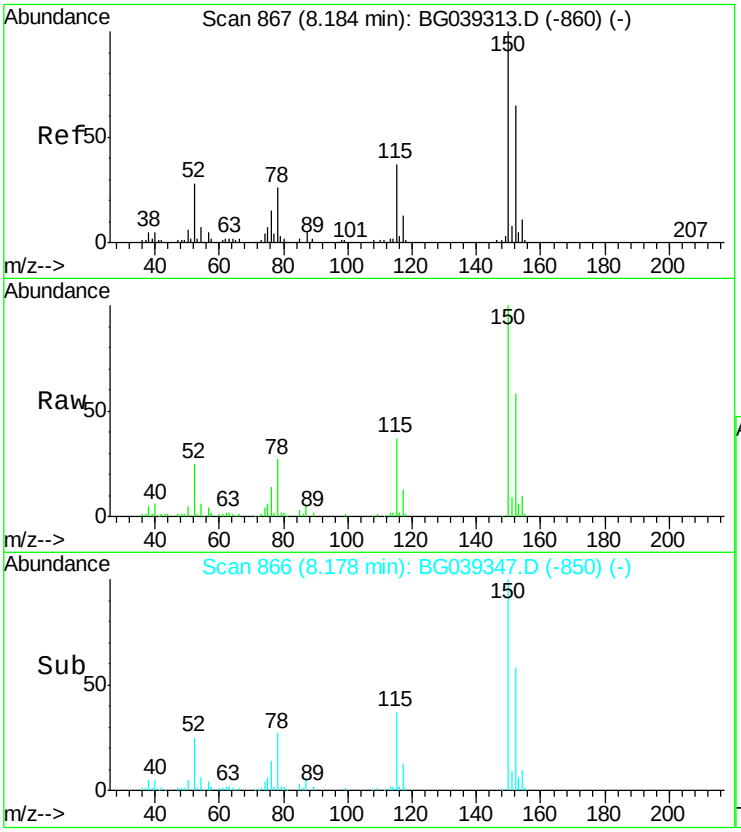
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
Data File : BG039347.D
Acq On : 1 Feb 2019 17:54
Operator : JU/SJ
Sample : PB116762BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116762BL

Quant Time: Feb 02 01:02:57 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



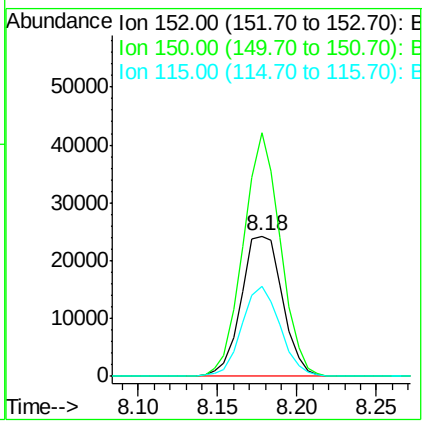


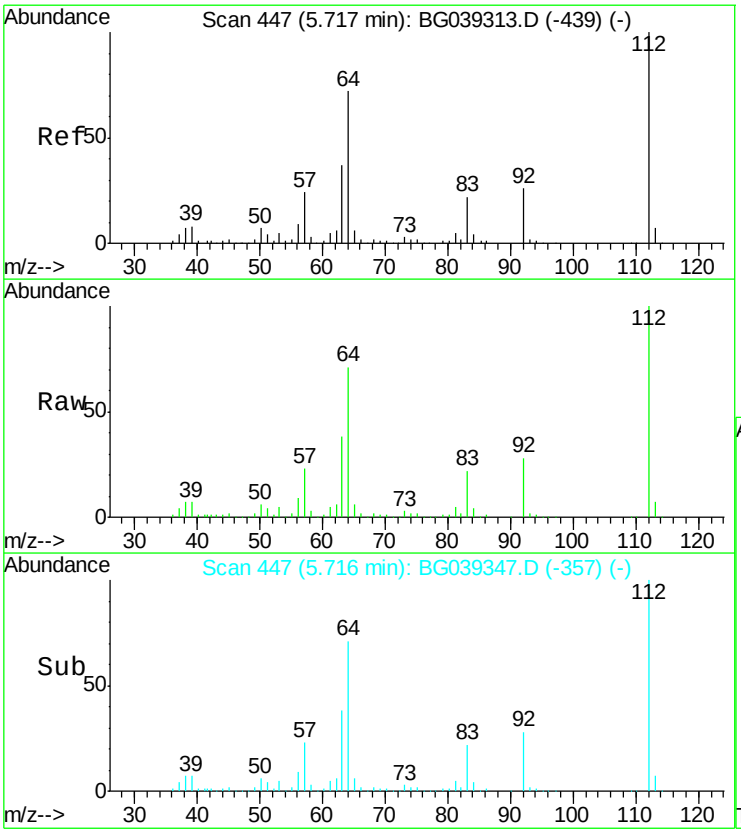
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:152 Resp: 43782

Ion	Ratio	Lower	Upper
152	100		
150	173.7	123.7	185.5
115	63.8	45.9	68.9

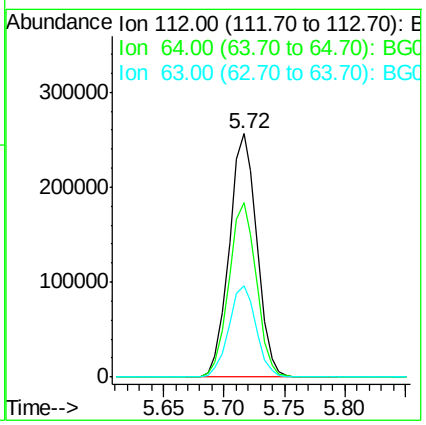


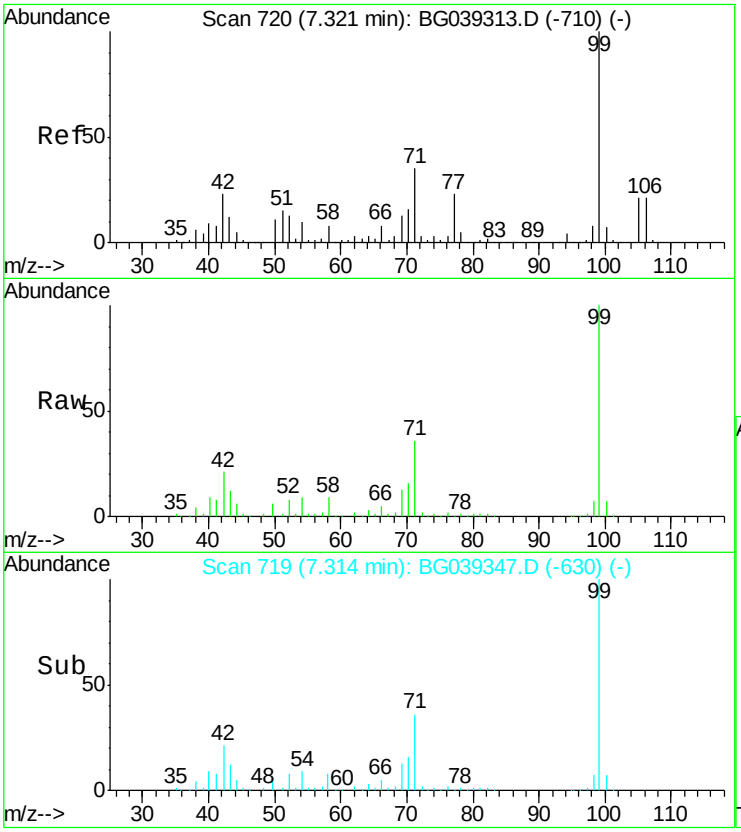


#5
2-Fluorophenol
Concen: 159.790 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:112 Resp: 408758

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.8	86.8
63	37.7	29.8	44.6



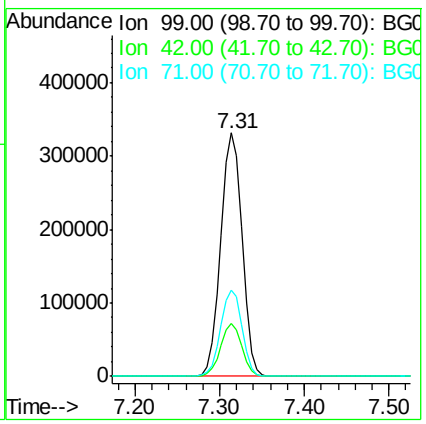


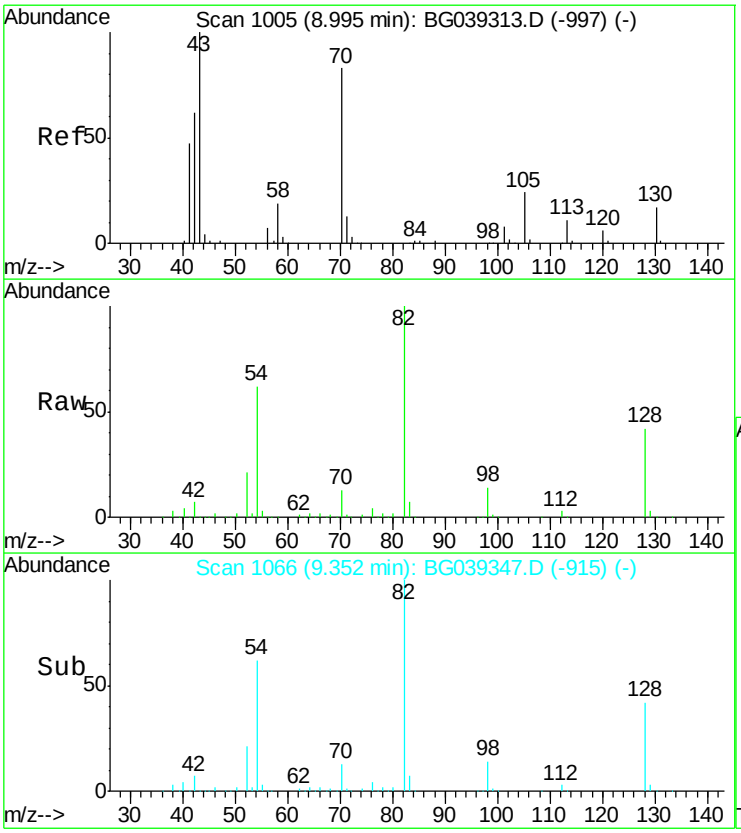
#7
Phenol-d6
Concen: 153.815 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion: 99 Resp: 579183

Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.2	27.2
71	35.6	28.0	42.0

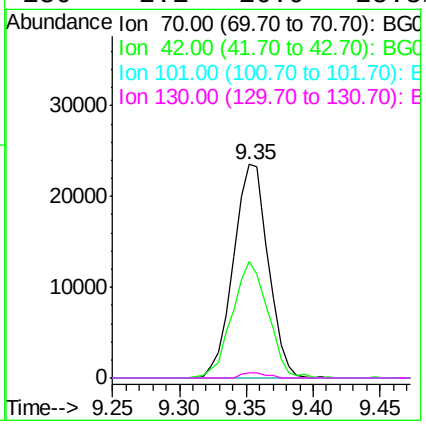


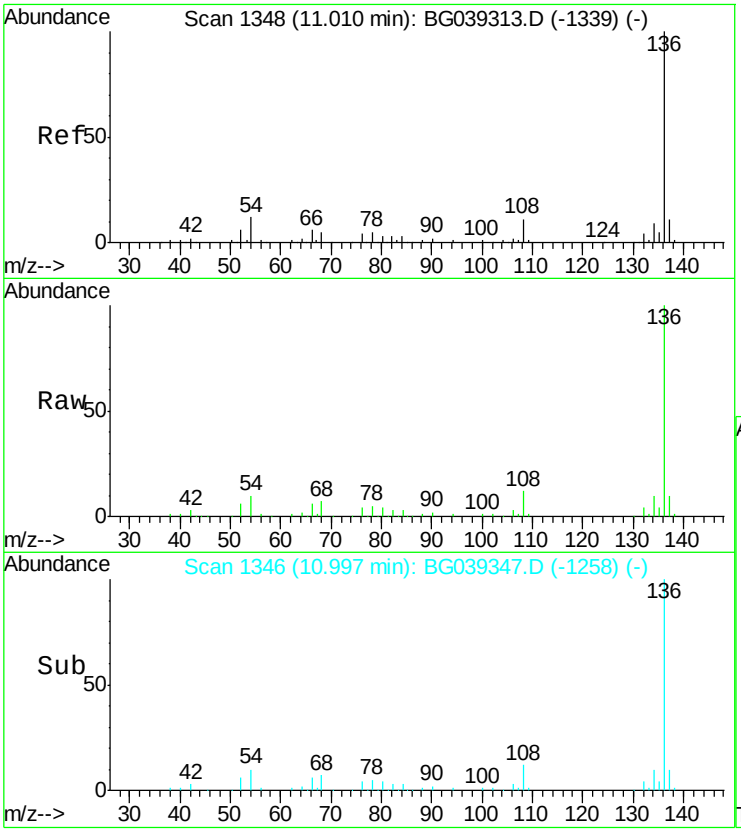


#19
n-Nitroso-di-n-propylamine
Concen: 15.899 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion: 70 Resp: 42492

Ion	Ratio	Lower	Upper
70	100		
42	54.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.1	16.9	25.3#



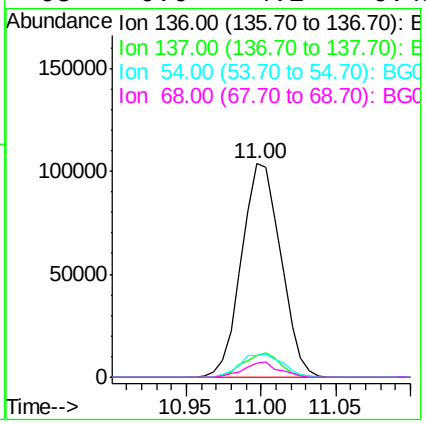


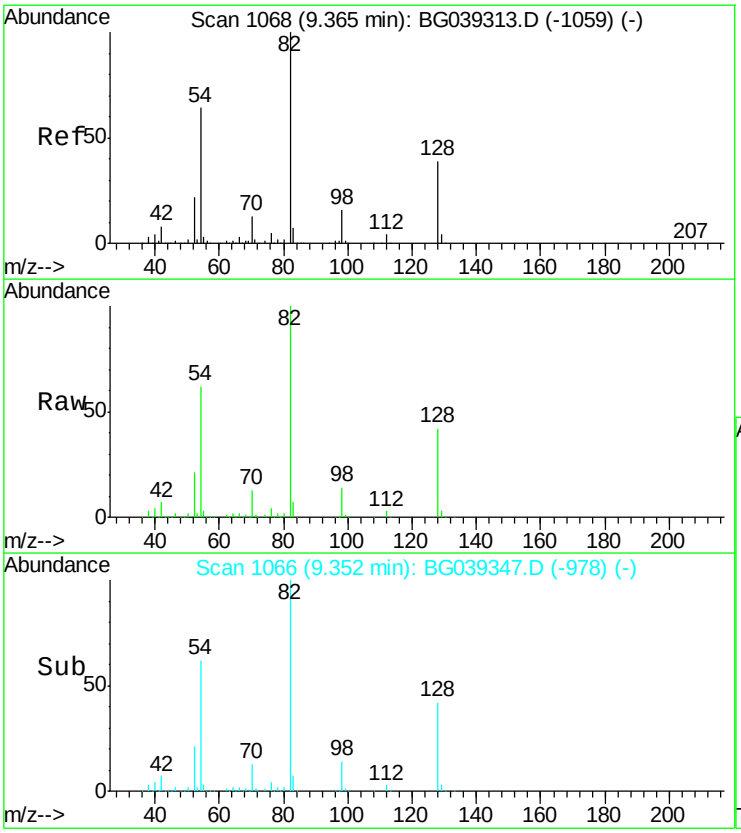
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:136 Resp: 189251

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	10.5	9.4	14.2
68	6.6	4.2	6.4#

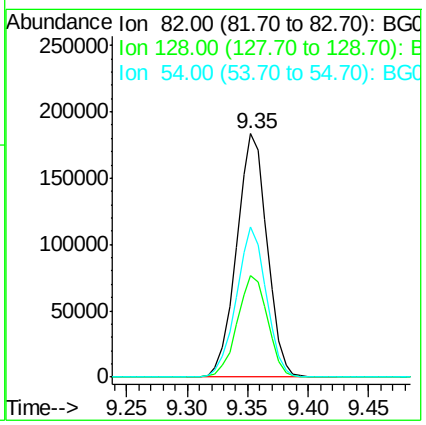


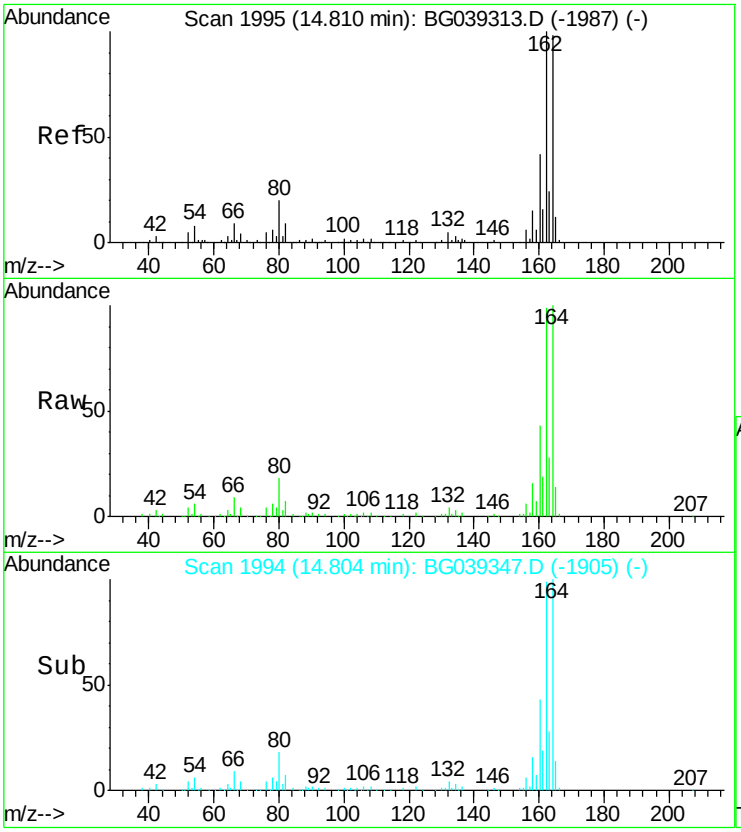


#23
Nitrobenzene-d5
Concen: 106.720 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion: 82 Resp: 323297

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	61.6	50.9	76.3



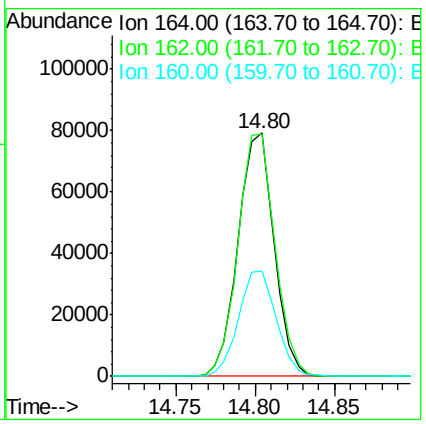


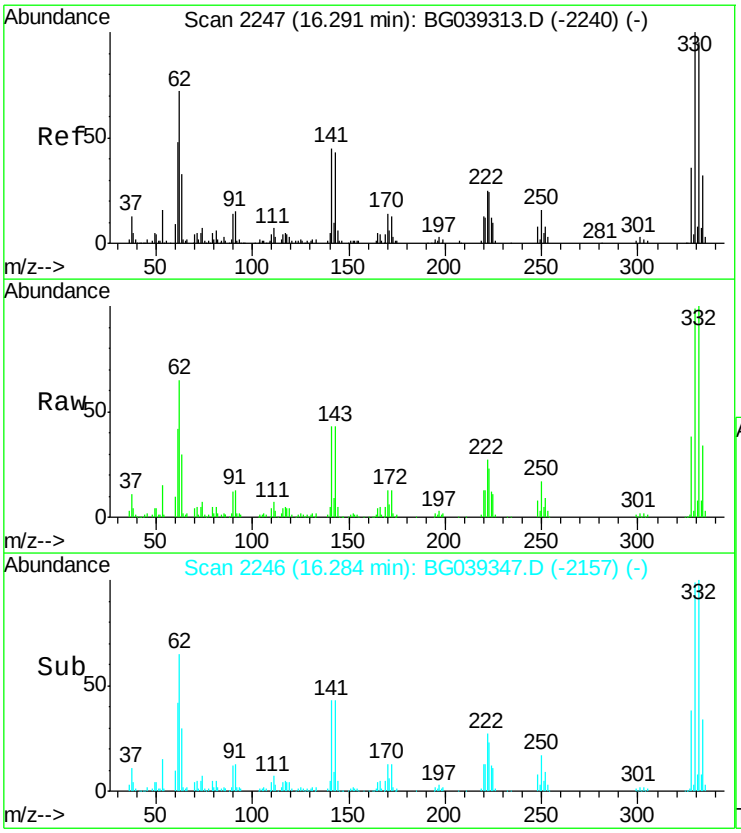
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:164 Resp: 124828

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.6	122.4
160	43.4	34.2	51.2

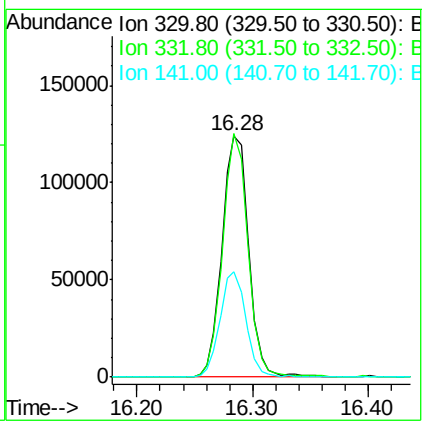


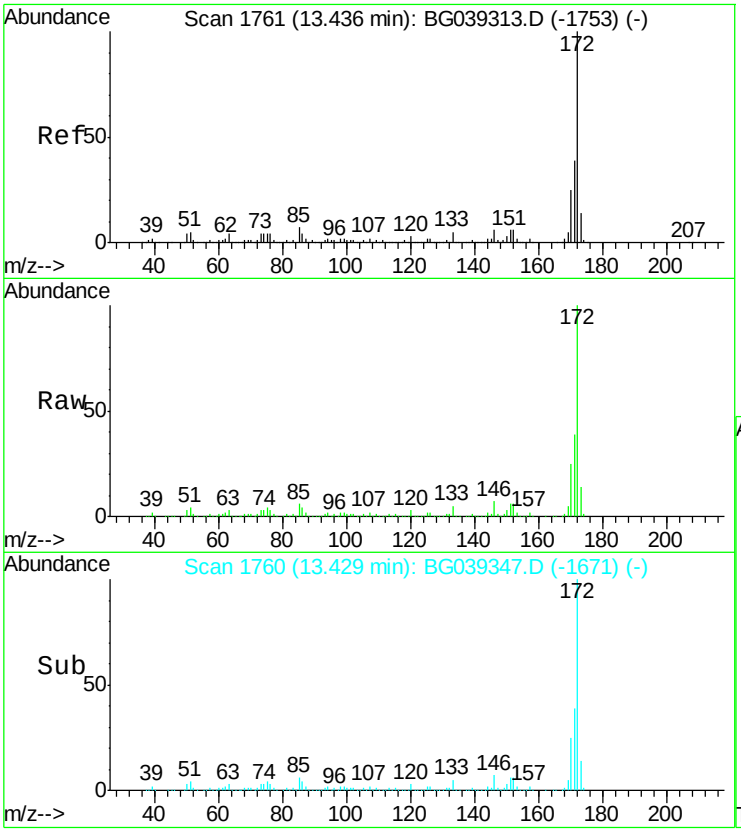


#42
2,4,6-Tribromophenol
Concen: 147.713 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:330 Resp: 198554

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	42.9	35.6	53.4



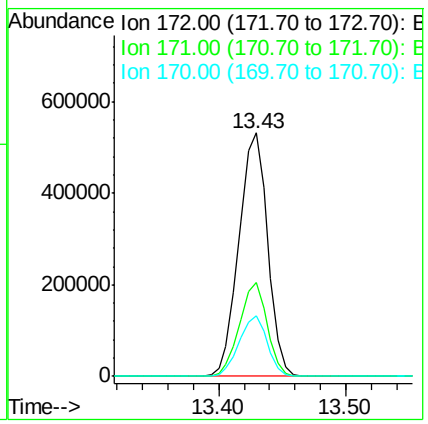


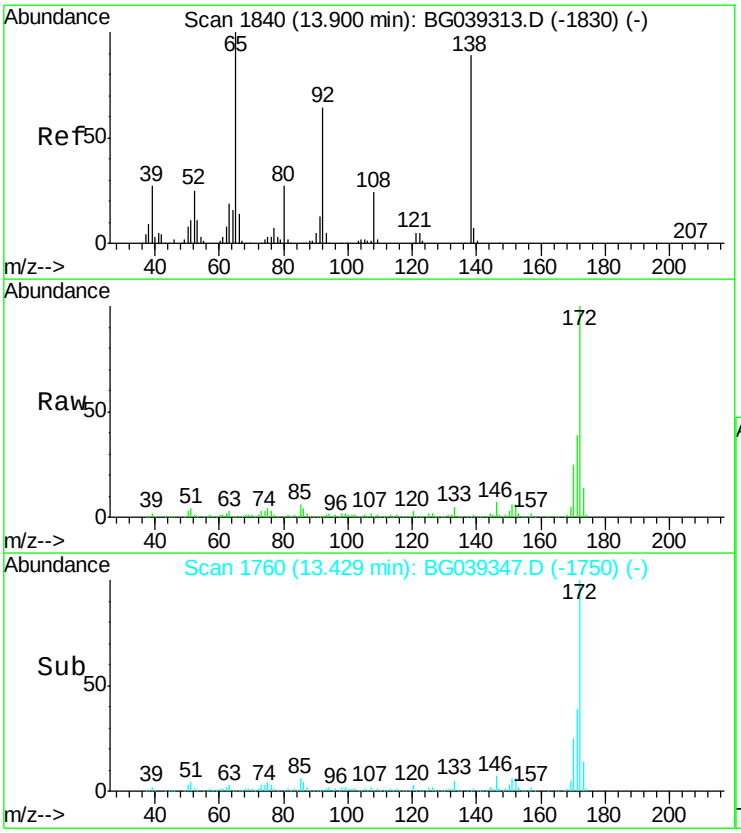
#45
2-Fluorobiphenyl
Concen: 95.749 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:172 Resp: 833166

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	24.9	20.2	30.4

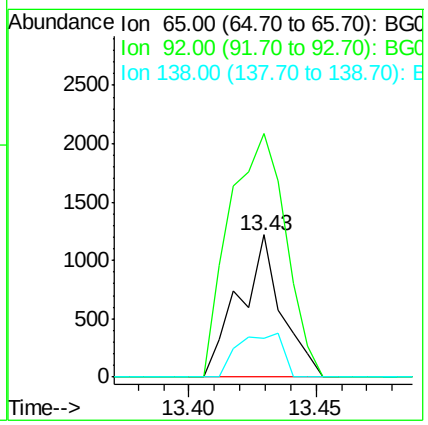


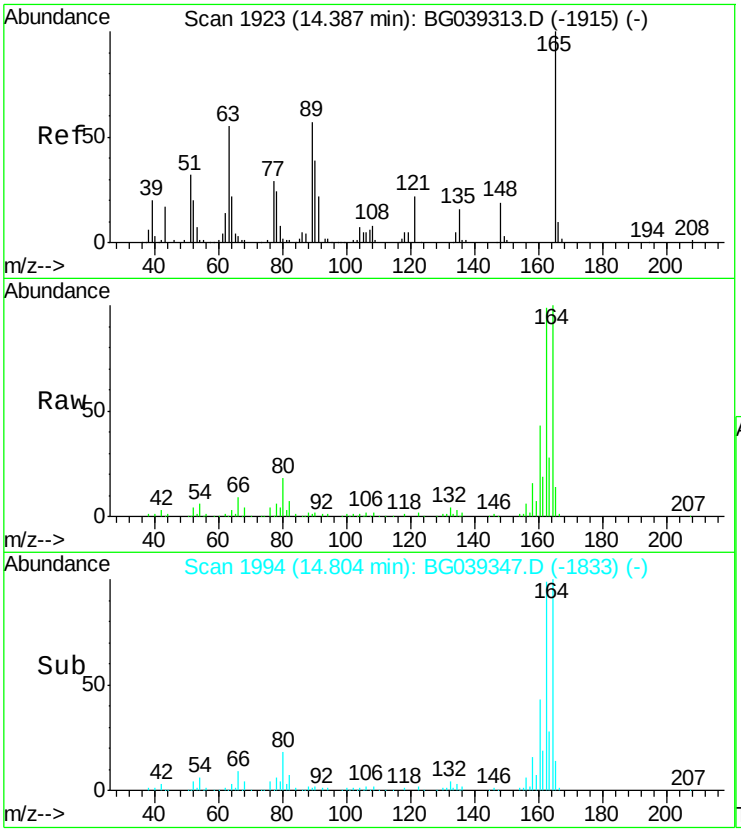


#48
2-Nitroaniline
Concen: 8.819 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion: 65 Resp: 1418

Ion	Ratio	Lower	Upper
65	100		
92	171.6	51.4	77.2#
138	27.0	71.4	107.2#



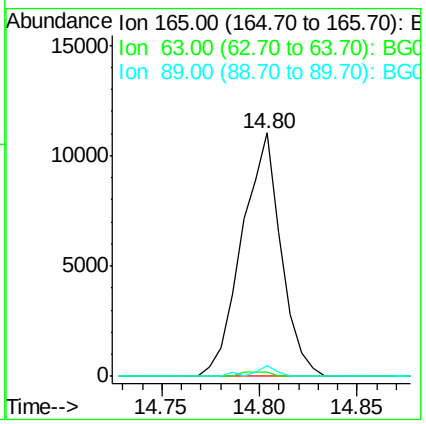


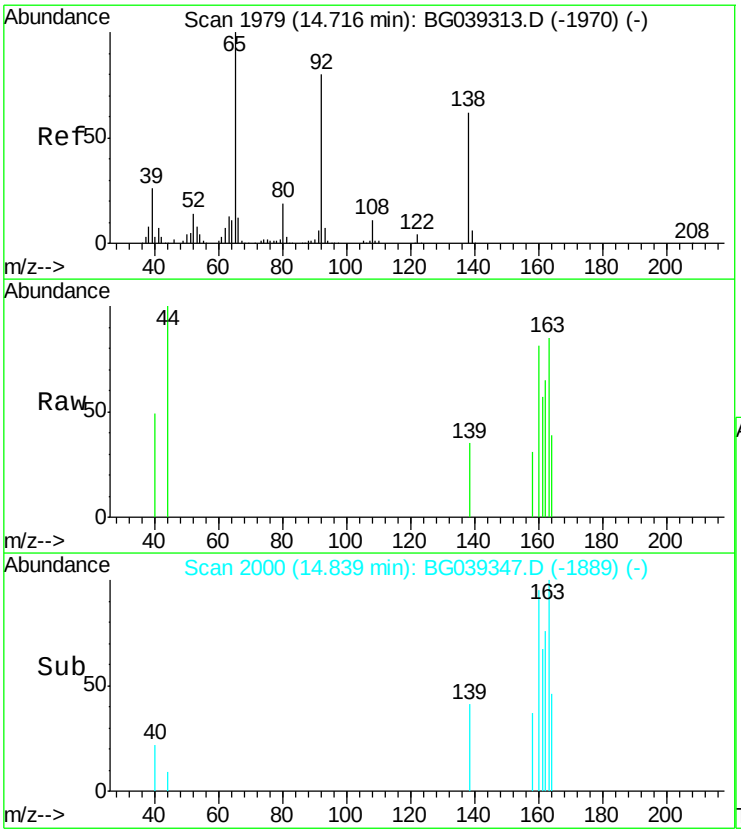
#51
2,6-Dinitrotoluene
Concen: 13.565 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.42 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:165 Resp: 15289

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	4.5	45.8	68.8#

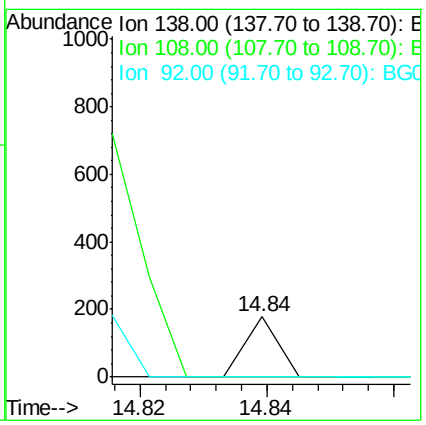


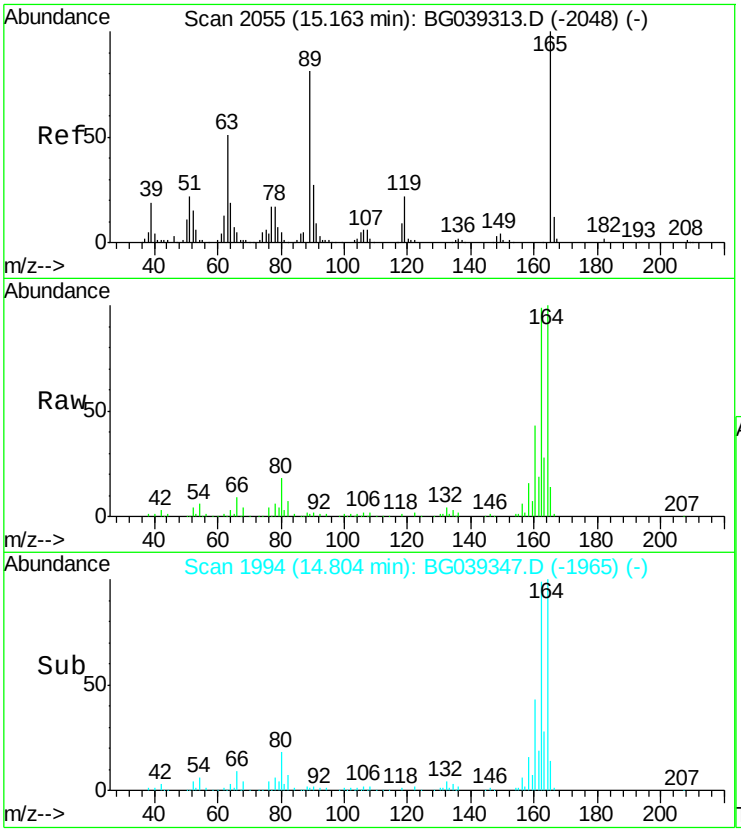


#53
3-Nitroaniline
Concen: 5.820 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.12 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:138 Resp: 63

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



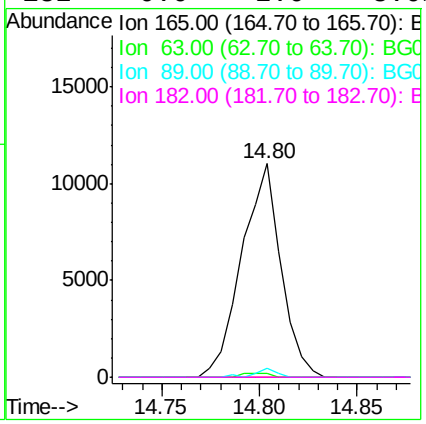


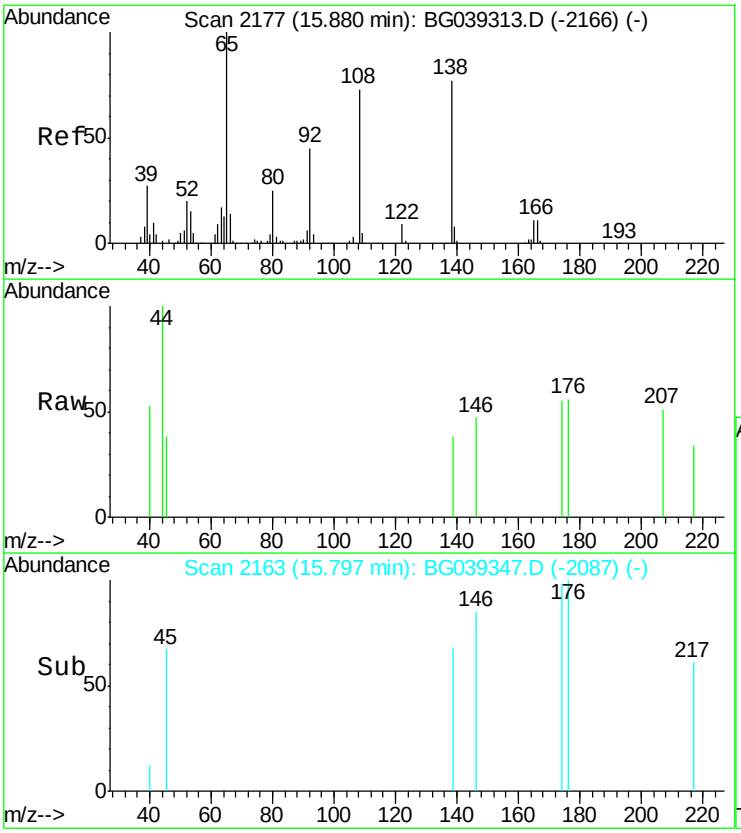
#57
2,4-Dinitrotoluene
Concen: 13.127 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:165 Resp: 15289

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	4.5	64.6	96.8#
182	0.0	2.0	3.0#

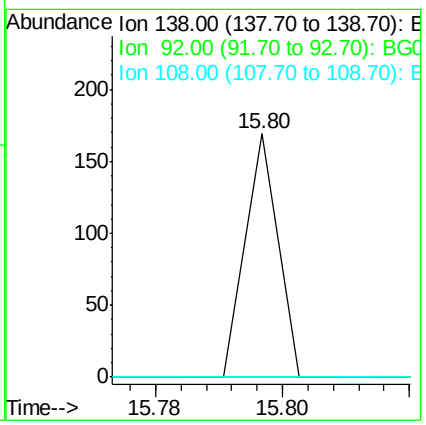


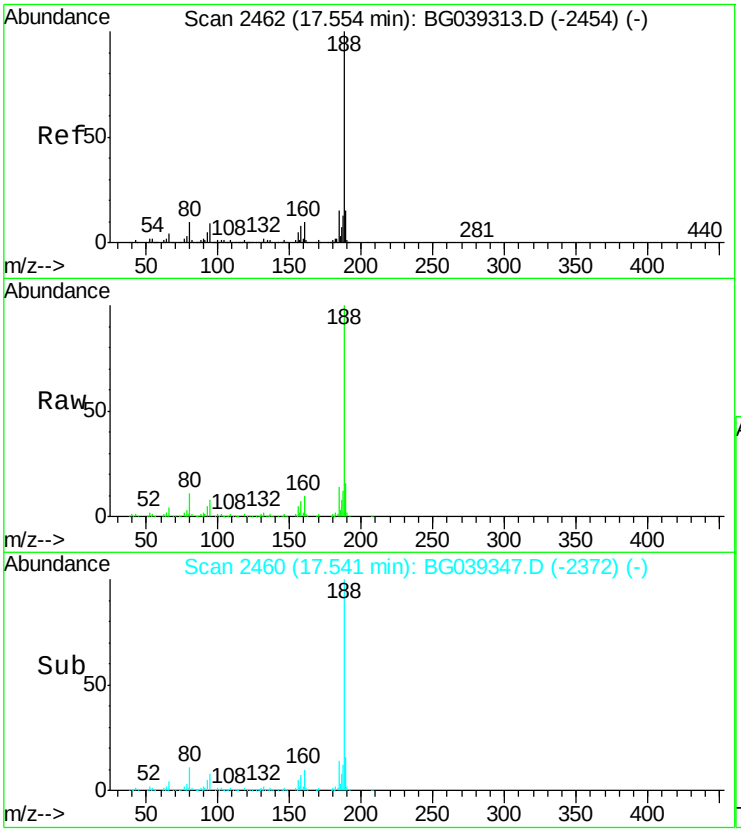


#62
4-Nitroaniline
Concen: 4.228 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.08 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:138 Resp: 60

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



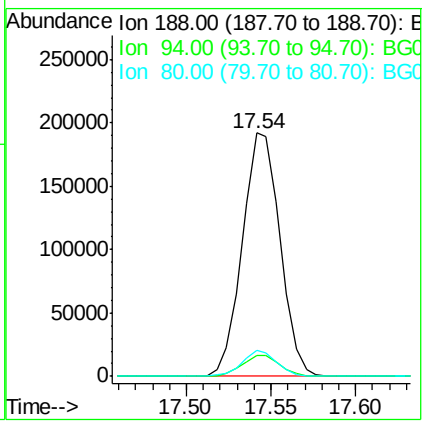


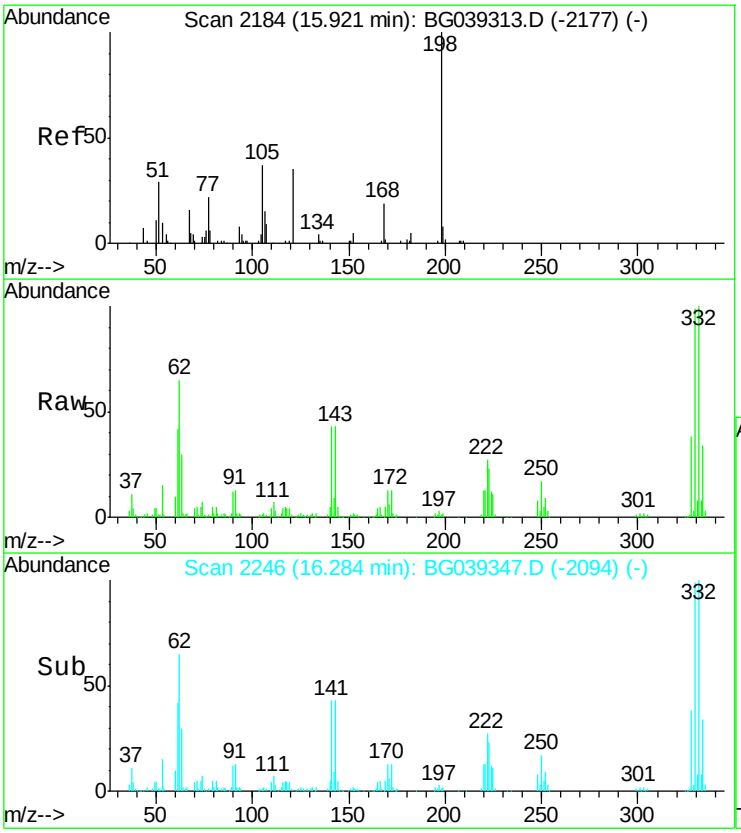
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:188 Resp: 297072

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.6	8.1	12.1

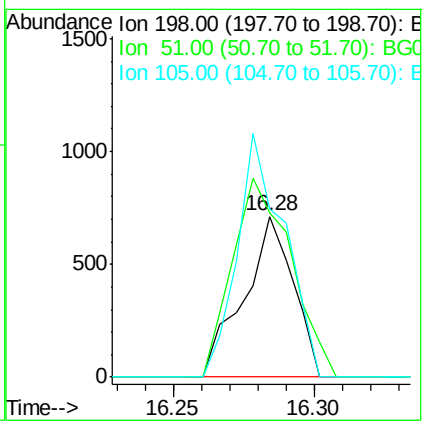


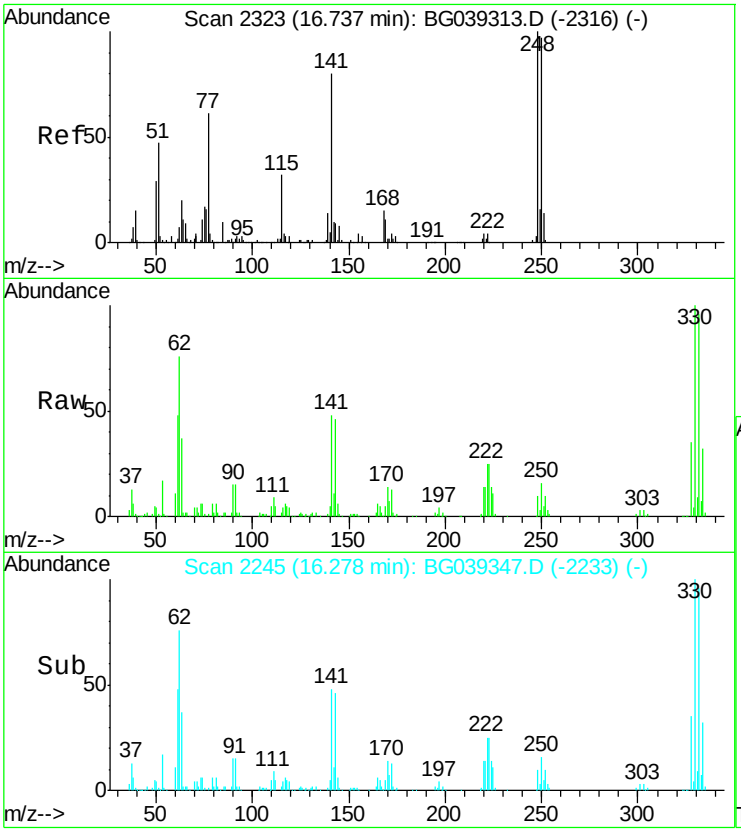


#65
4,6-Dinitro-2-methylphenol
Concen: 5.107 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:198 Resp: 864

Ion	Ratio	Lower	Upper
198	100		
51	102.4	27.4	67.4#
105	104.9	19.7	59.7#



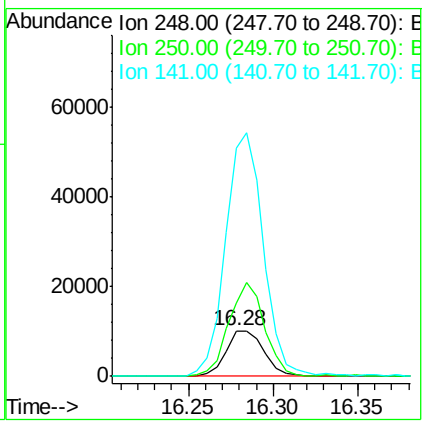


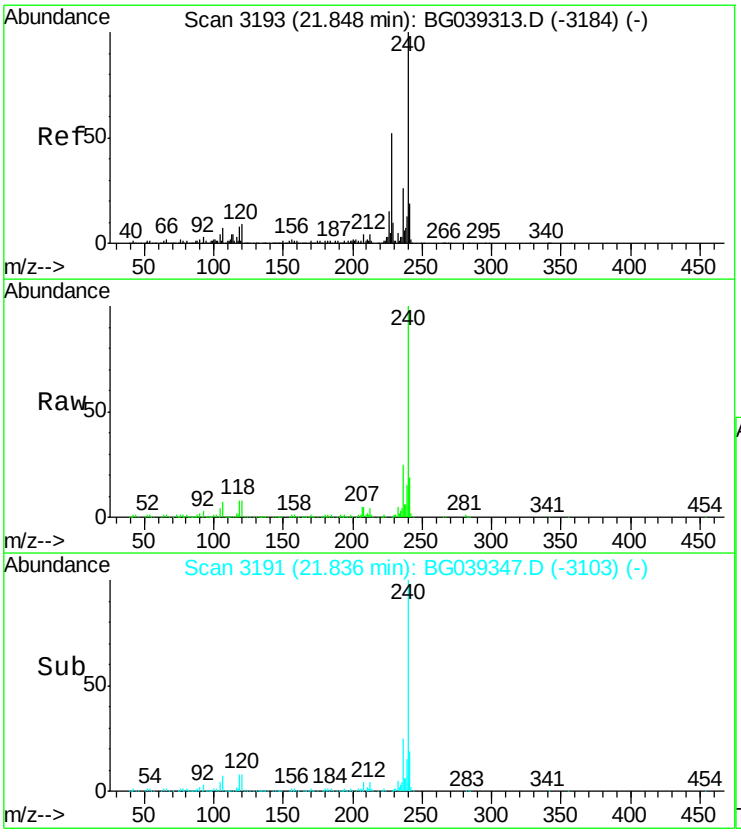
#67
4-Bromophenyl-phenylether
Concen: 4.767 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:248 Resp: 15711

Ion	Ratio	Lower	Upper
248	100		
250	162.0	77.6	116.4#
141	501.3	63.9	95.9#

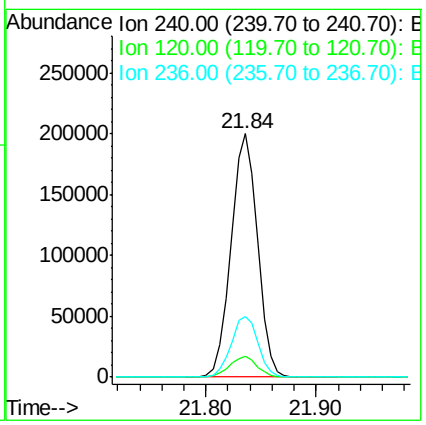


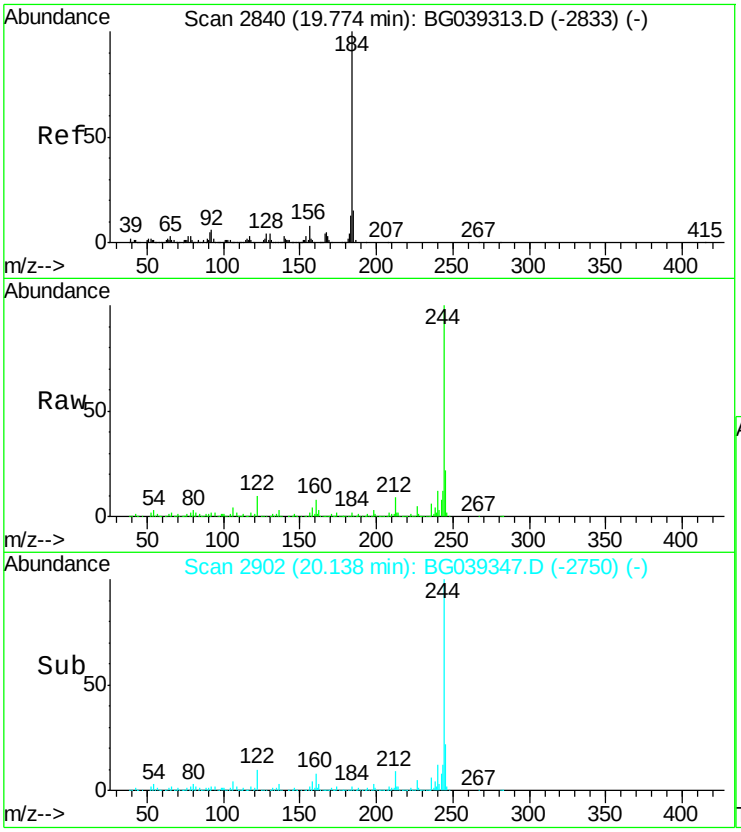


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:240 Resp: 335991

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	24.9	21.0	31.4



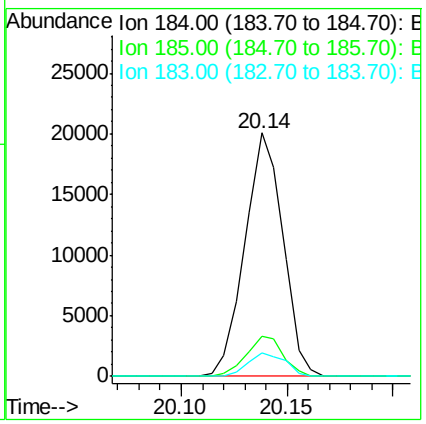


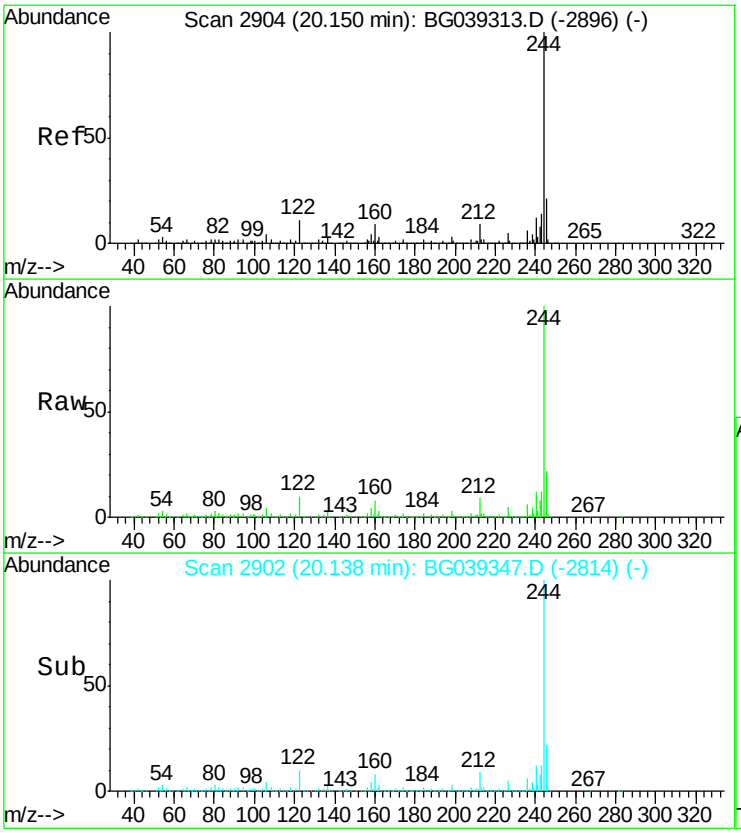
#77
Benzidine
Concen: 2.277 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:184 Resp: 25084

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	9.7	10.6	15.8#

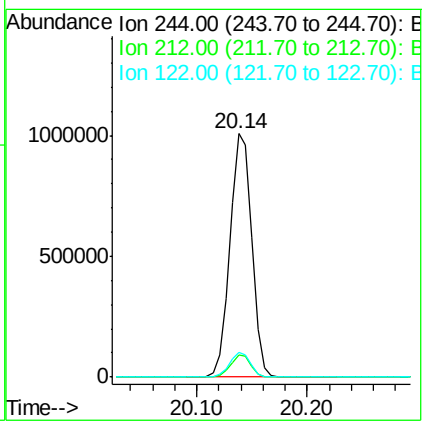


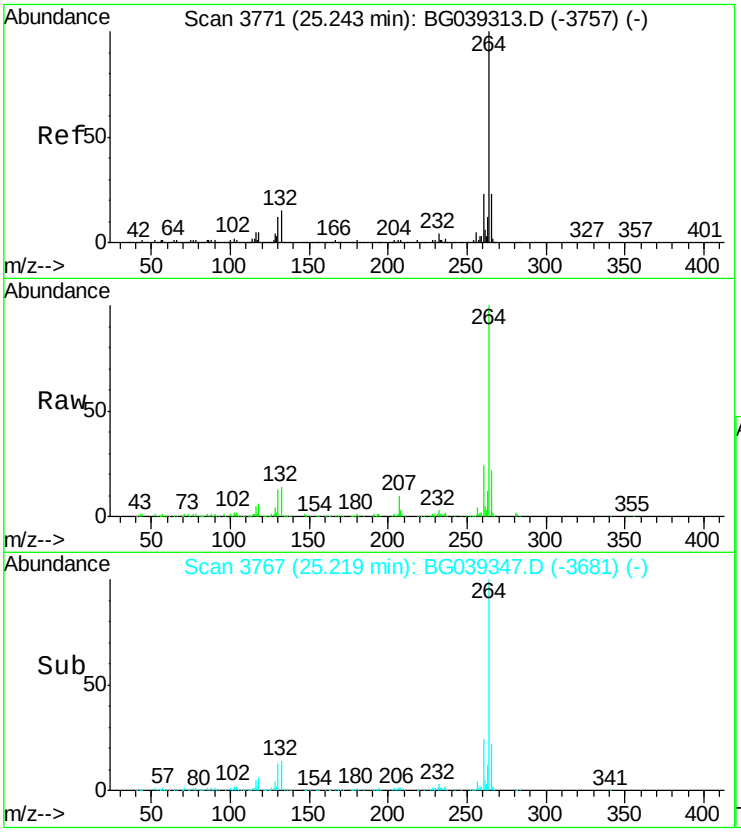


#79
Terphenyl-d14
Concen: 87.864 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:244 Resp: 1394704

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:264 Resp: 330163

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.3	18.5	27.7