Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
Data File : BG039353.D
Acq On : 1 Feb 2019 21:50
Operator : JU/SJ
Sample : K1290-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 012919-SIDI-E-U-M

Quant Time: Feb 02 01:04:57 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	45256	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	192275	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	127483	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	310949	20.00	ng		0.00
76) Chrysene-d12	21.83	240	330246	20.00	ng		-0.01
87) Perylene-d12	25.22	264	330325	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	118720	44.90	ng		0.00
7) Phenol-d6	7.31	99	104828	26.93	ng		0.00
23) Nitrobenzene-d5	9.36	82	372495	121.03	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	151134	110.09	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	921958	103.75	ng		0.00
79) Terphenyl-d14	20.14	244	1295787	83.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	379	Below Cal		#	4
10) Phenol	7.34	94	12828	3.162	ng		96
15) Benzyl Alcohol	8.49	79	6297	2.061	ng	#	55
19) n-Nitroso-di-n-propylamine	9.36	70	49874	18.054	ng	#	65
48) 2-Nitroaniline	14.25	65	71	8.322	ng	#	1
51) 2,6-Dinitrotoluene	14.80	165	16137	13.799	ng	#	23
57) 2,4-Dinitrotoluene	14.80	165	16137	13.305	ng	#	19
65) 4,6-Dinitro-2-methylphenol	16.28	198	571	4.763	ng	#	1
67) 4-Bromophenyl-phenylether	16.29	248	11743	3.404	ng	#	1
77) Benzidine	20.14	184	22639	2.091	ng	#	92

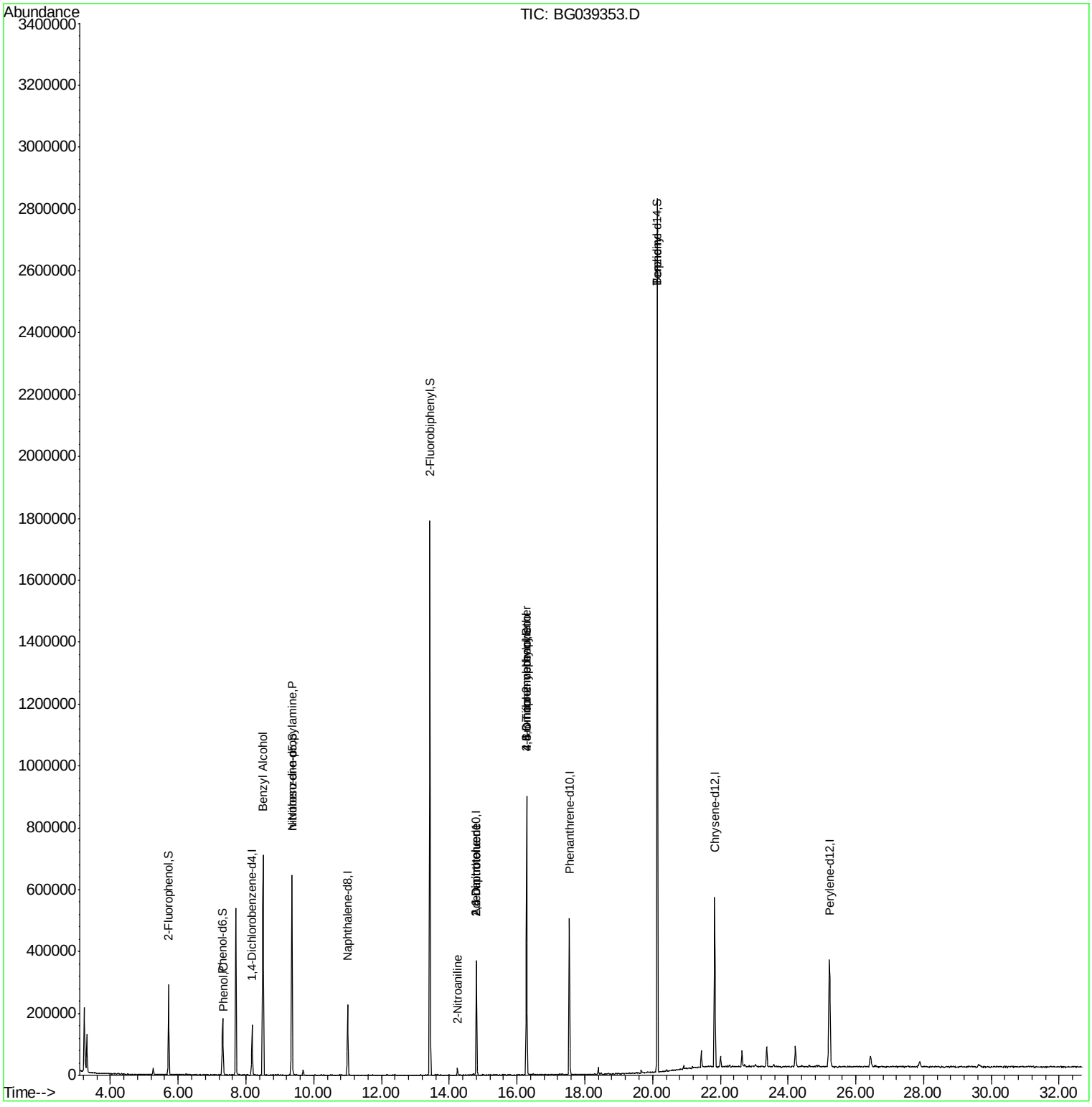
(#) = qualifier out of range (m) = manual integration (+) = signals summed

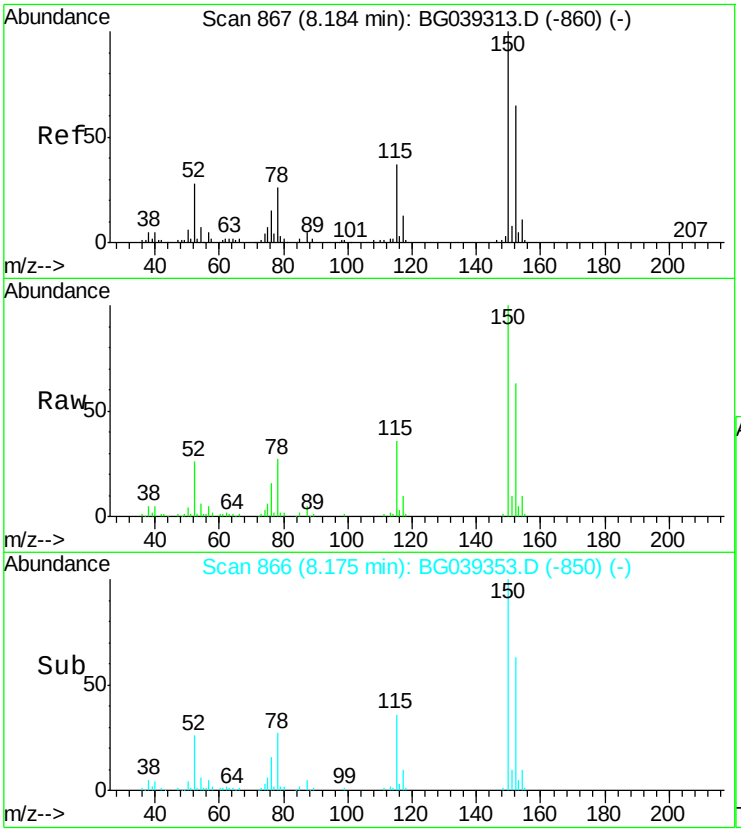
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
Data File : BG039353.D
Acq On : 1 Feb 2019 21:50
Operator : JU/SJ
Sample : K1290-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Quant Time: Feb 02 01:04:57 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



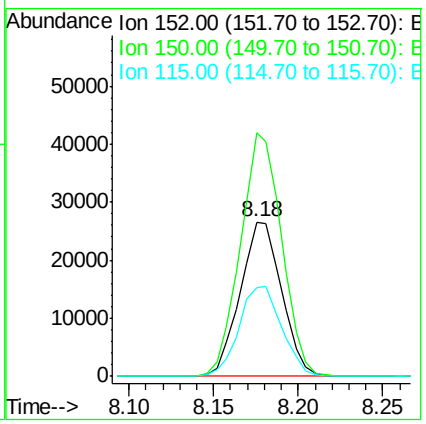


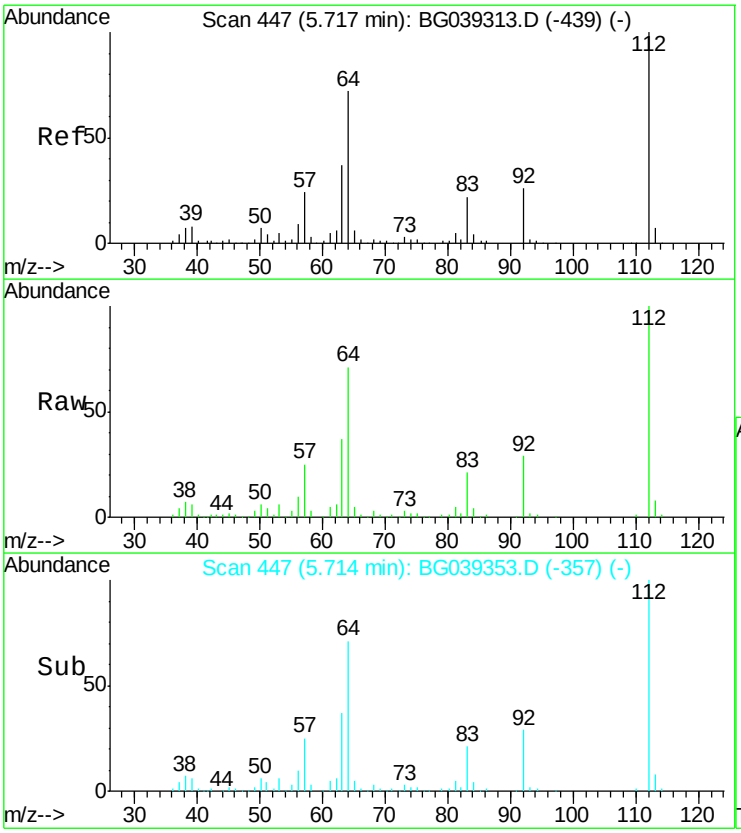
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:152 Resp: 45256

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.7	185.5
115	57.3	45.9	68.9

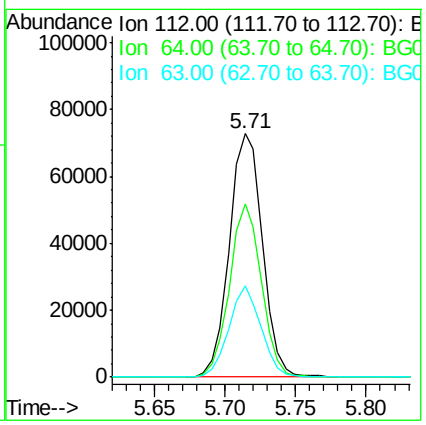


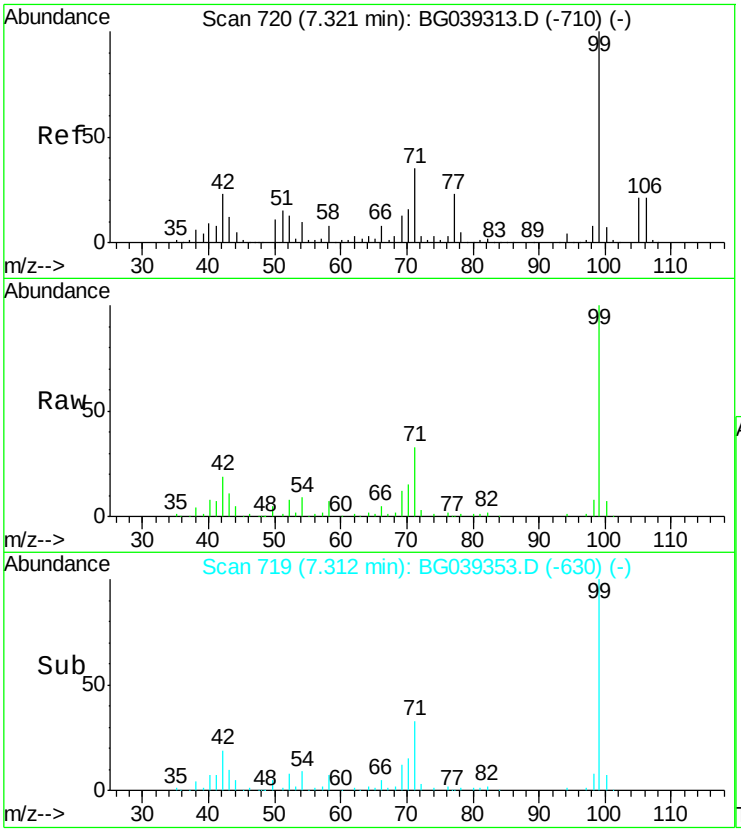


#5
2-Fluorophenol
Concen: 44.898 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:112 Resp: 118720

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.8	86.8
63	37.4	29.8	44.6



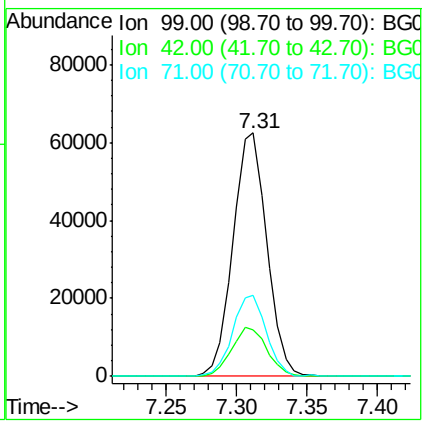


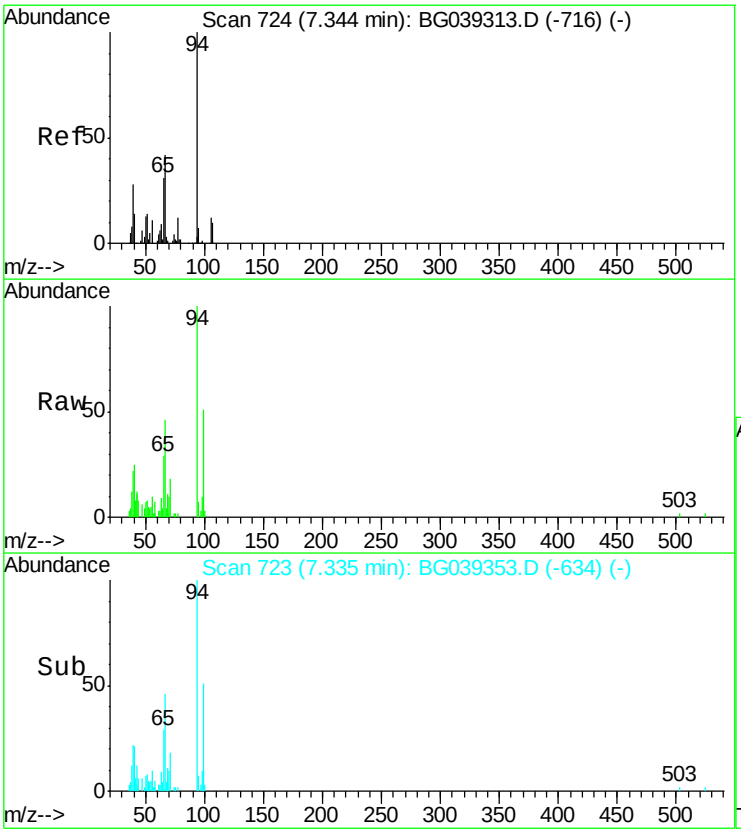
#7
Phenol-d6
Concen: 26.933 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion: 99 Resp: 104828

Ion	Ratio	Lower	Upper
99	100		
42	19.1	18.2	27.2
71	33.4	28.0	42.0

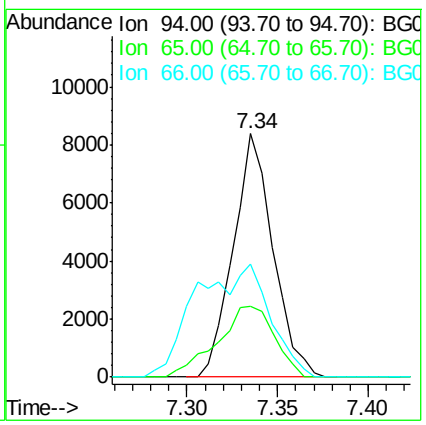


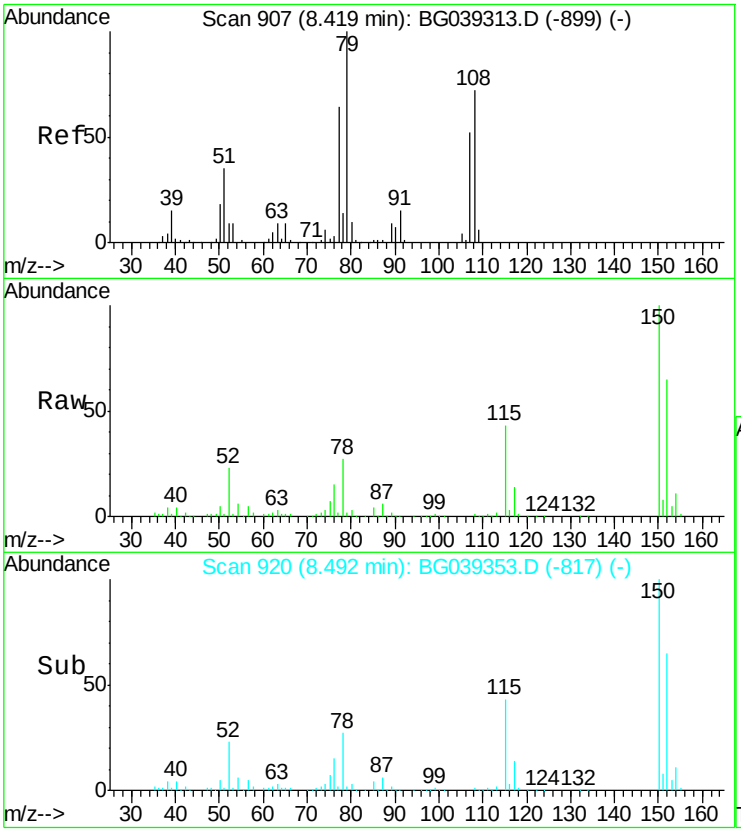


#10
Phenol
Concen: 3.162 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion: 94 Resp: 12828

Ion	Ratio	Lower	Upper
94	100		
65	29.1	11.7	51.7
66	46.2	23.7	63.7



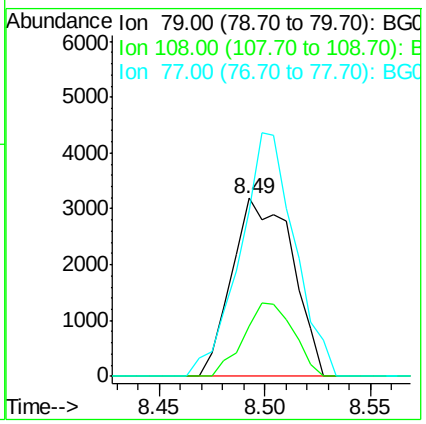


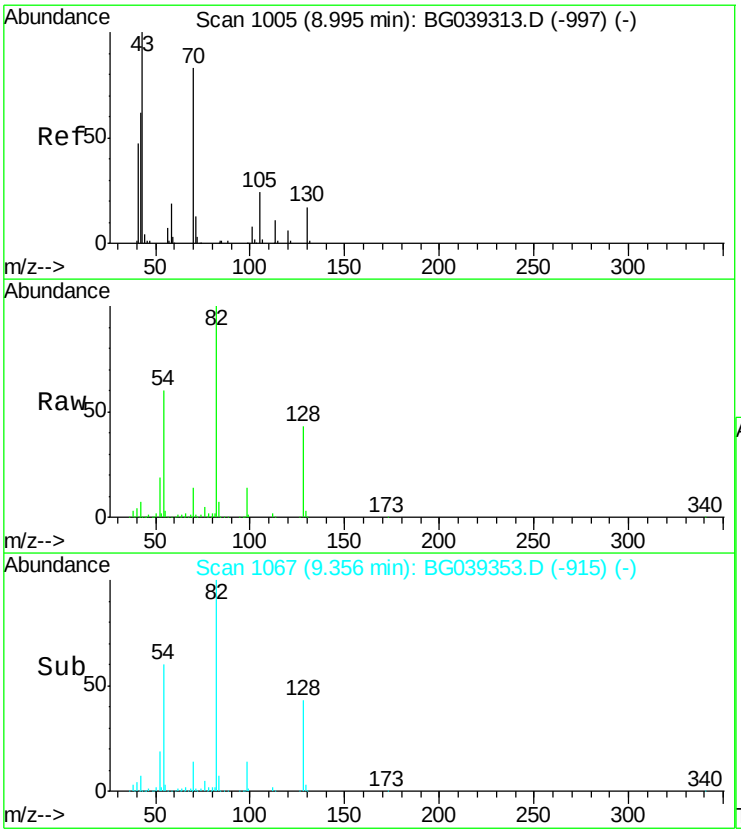
#15
Benzyl Alcohol
Concen: 2.061 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.07 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion: 79 Resp: 6297

Ion	Ratio	Lower	Upper
79	100		
108	28.0	57.8	86.6#
77	92.6	51.1	76.7#

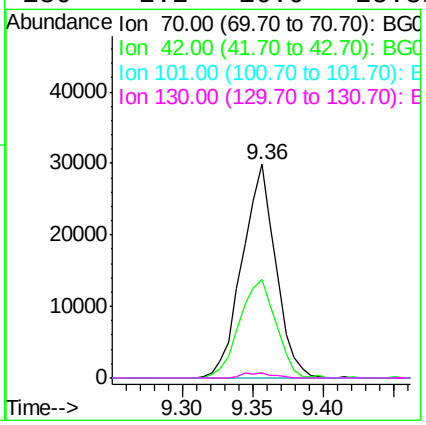


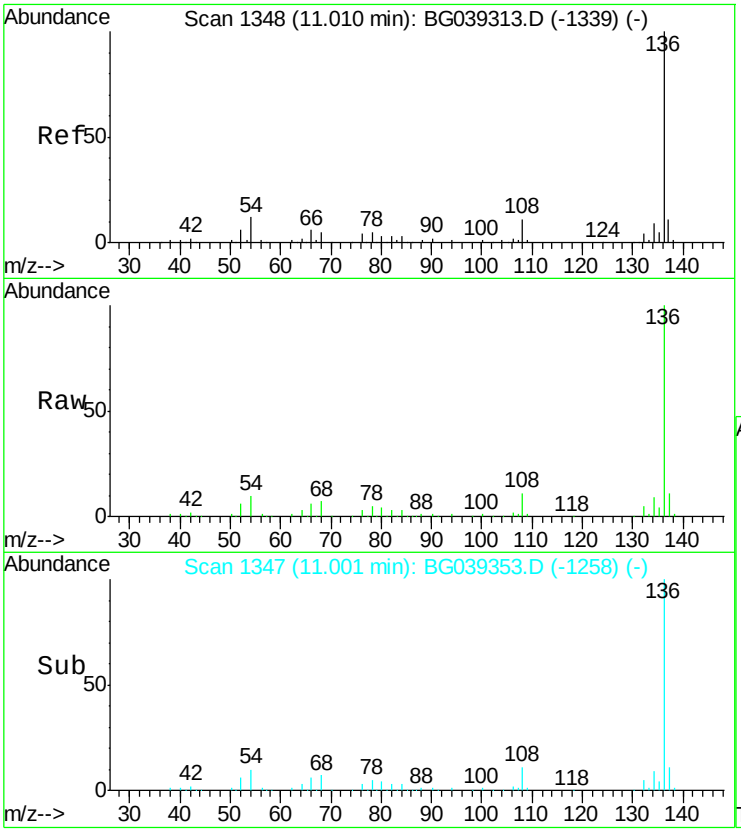


#19
n-Nitroso-di-n-propylamine
Concen: 18.054 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion: 70 Resp: 49874

Ion	Ratio	Lower	Upper
70	100		
42	46.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



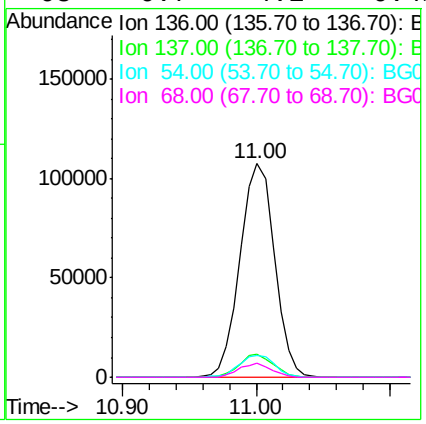


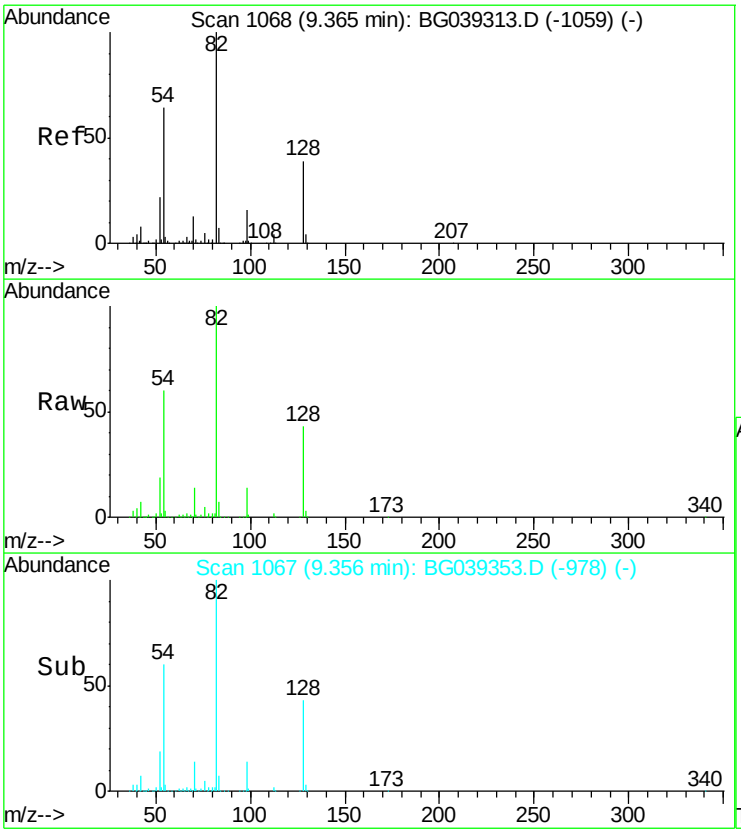
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:136 Resp: 192275

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.4	9.4	14.2
68	6.7	4.2	6.4#

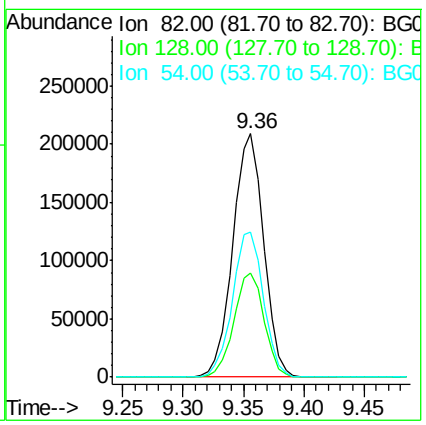


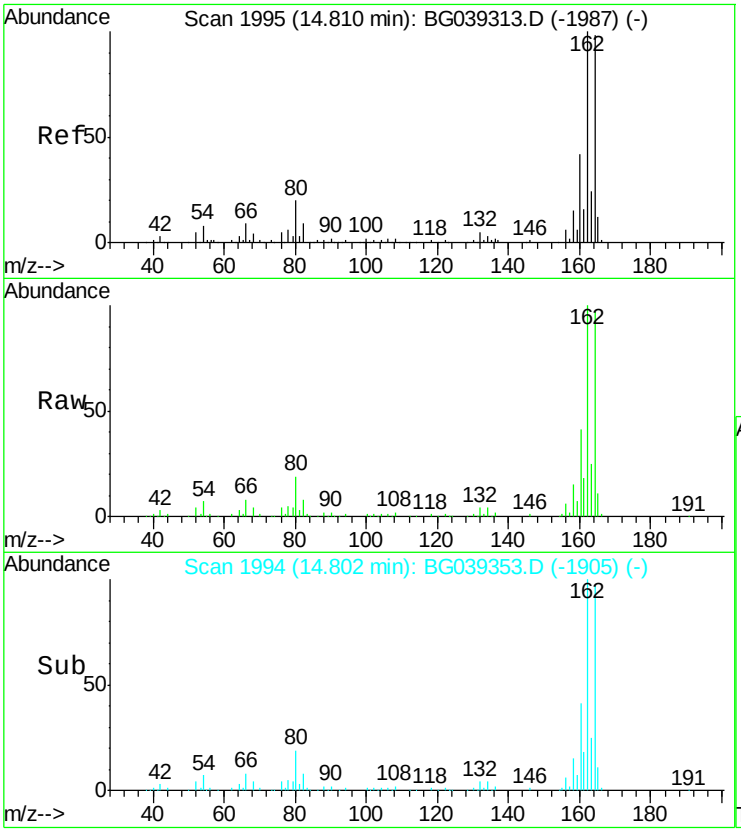


#23
Nitrobenzene-d5
Concen: 121.026 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion: 82 Resp: 372495

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.6	50.9	76.3



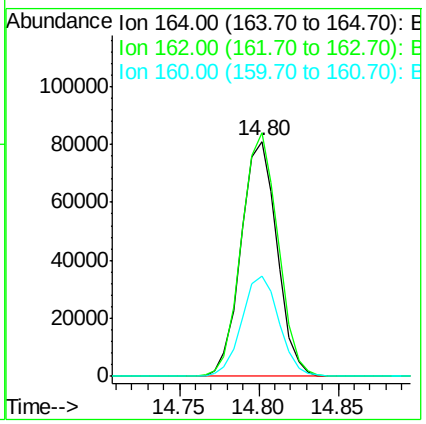


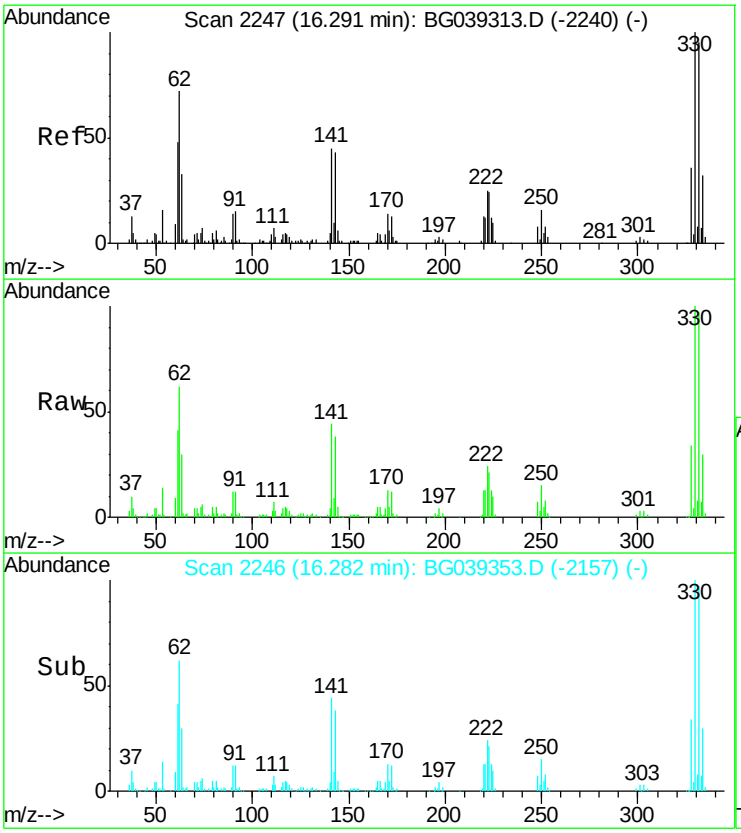
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:164 Resp: 127483

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.6	122.4
160	42.8	34.2	51.2

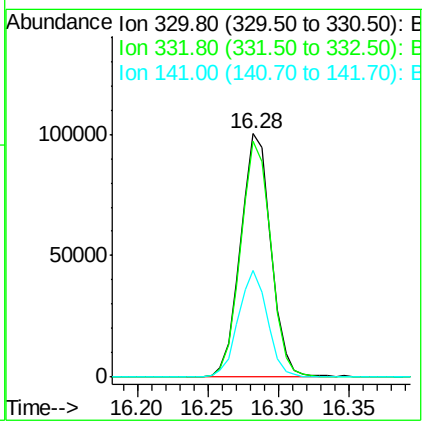


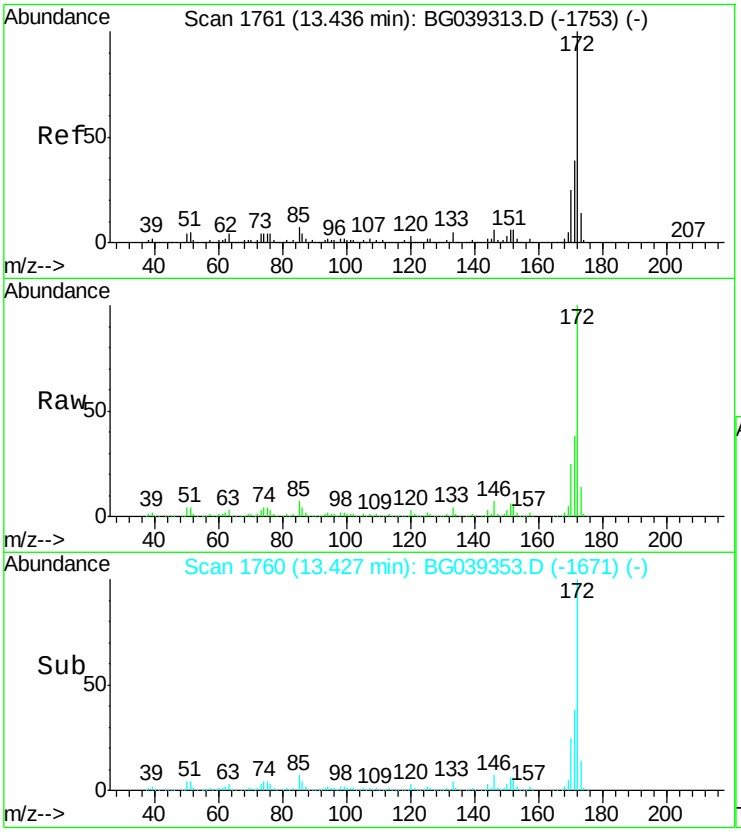


#42
2,4,6-Tribromophenol
Concen: 110.094 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:330 Resp: 151134

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	41.9	35.6	53.4



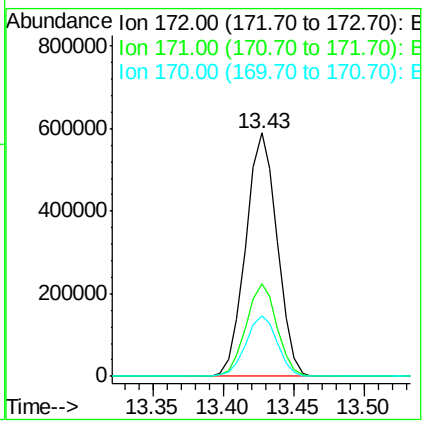


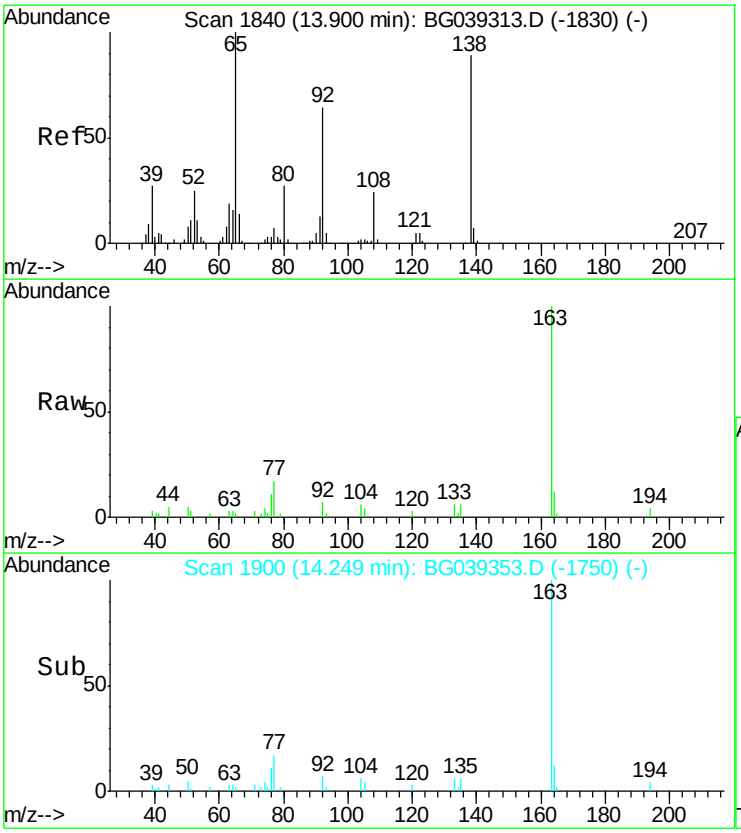
#45
2-Fluorobiphenyl
Concen: 103.747 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:172 Resp: 921958

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	24.6	20.2	30.4

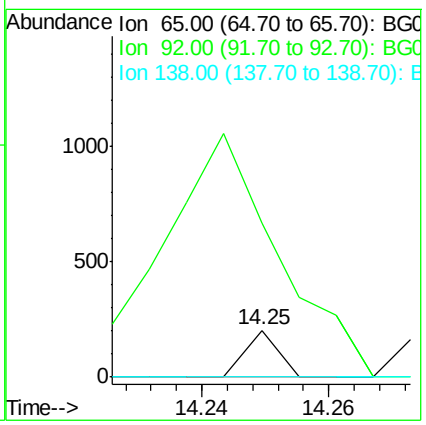


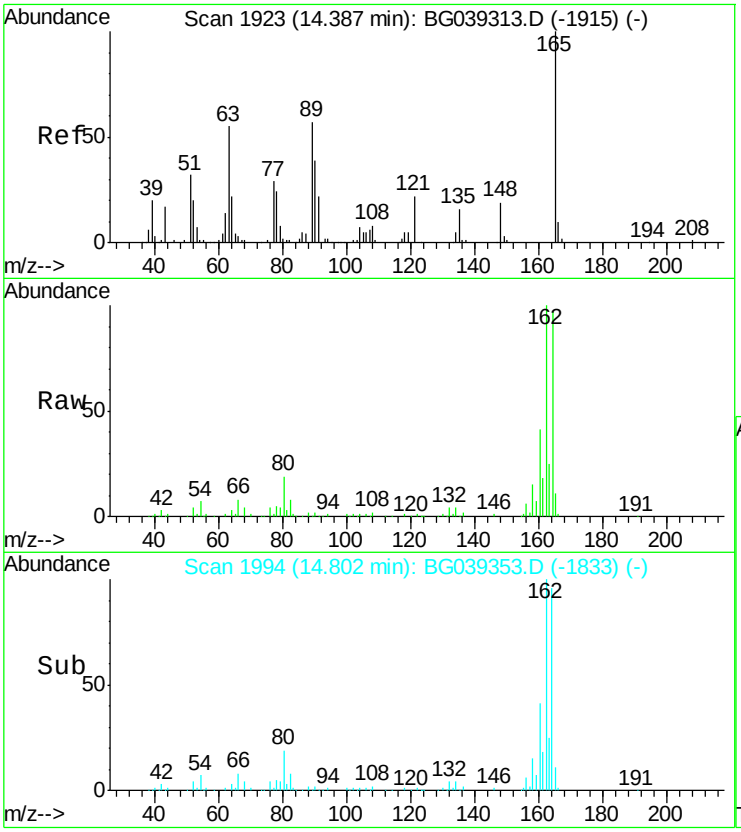


#48
2-Nitroaniline
Concen: 8.322 ng
RT: 14.25 min Scan# 1900
Delta R.T. 0.35 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion: 65 Resp: 71

Ion	Ratio	Lower	Upper
65	100		
92	330.2	51.4	77.2#
138	0.0	71.4	107.2#



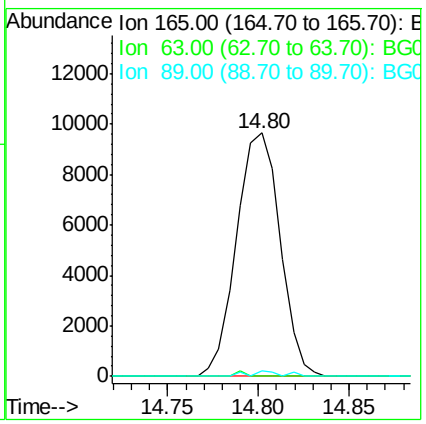


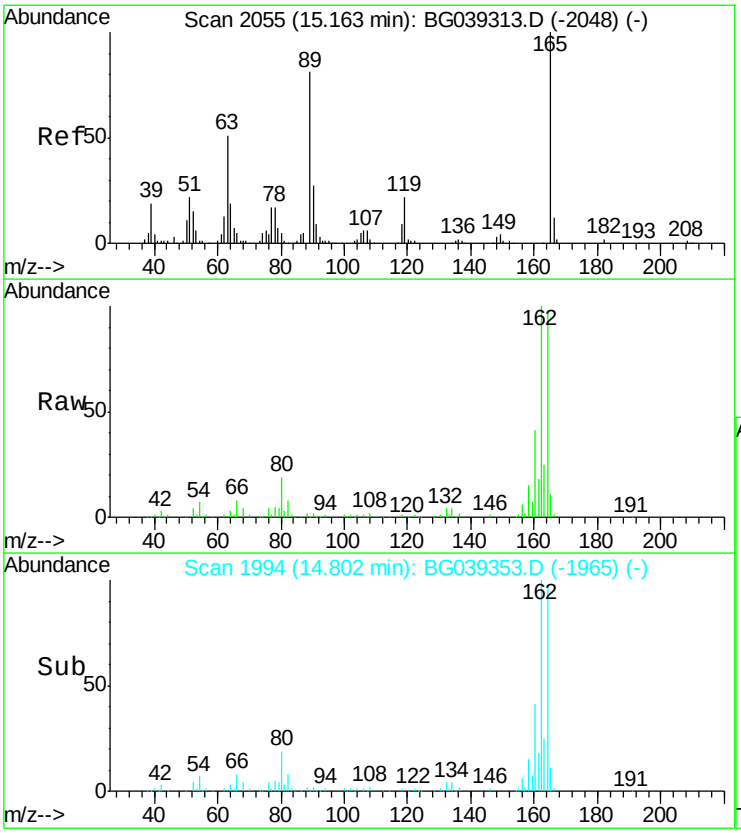
#51
2,6-Dinitrotoluene
Concen: 13.799 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.41 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:165 Resp: 16137

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	2.2	45.8	68.8#

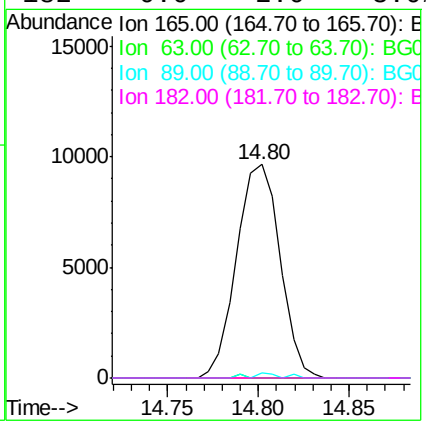


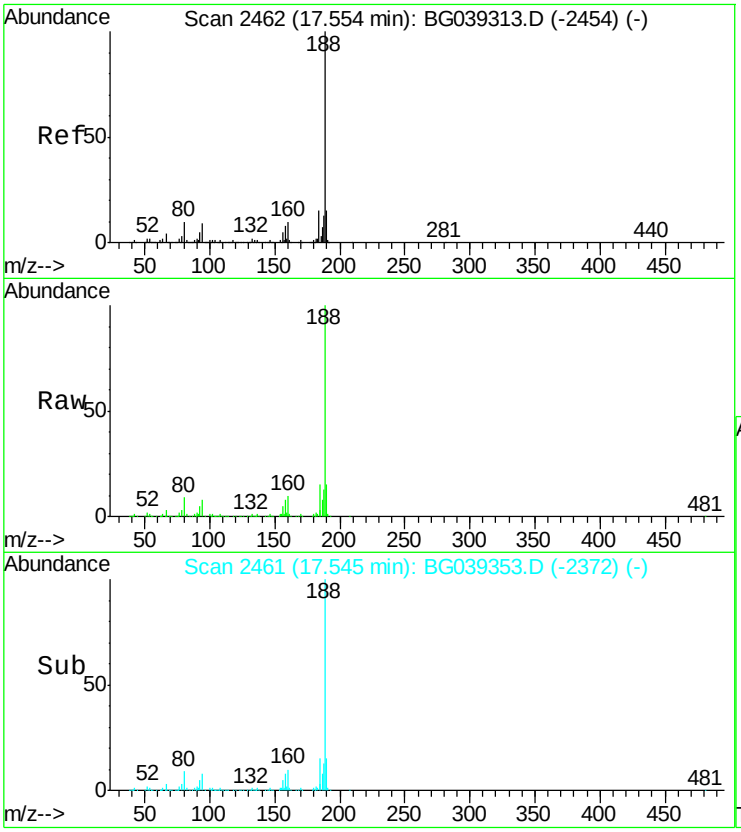


#57
2,4-Dinitrotoluene
Concen: 13.305 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:165 Resp: 16137

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#



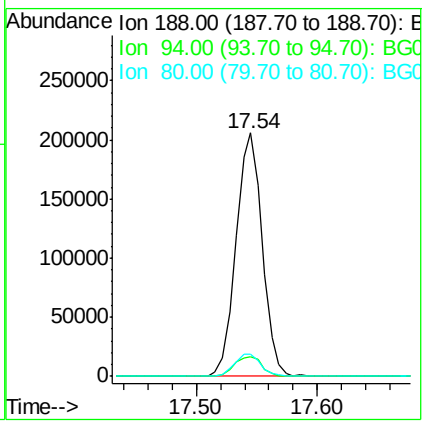


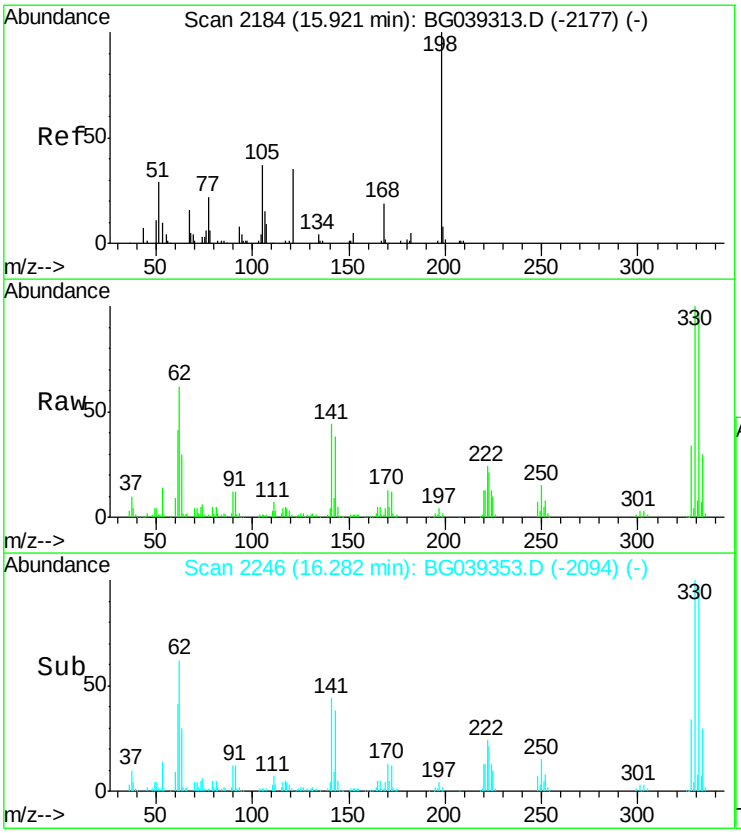
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:188 Resp: 310949

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.0	8.1	12.1

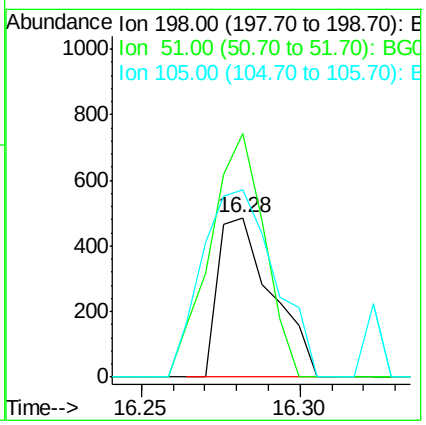


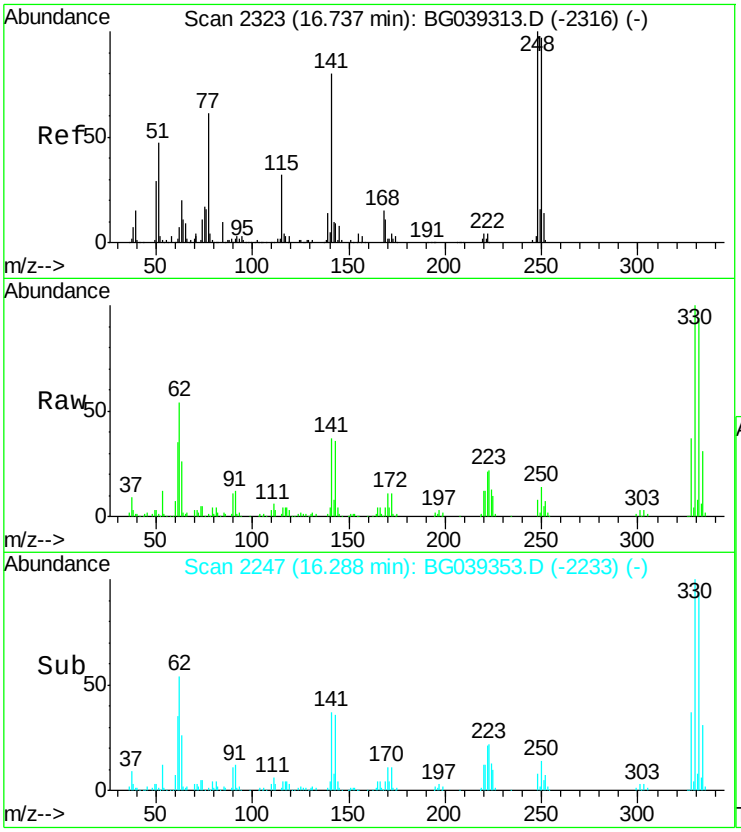


#65
4,6-Dinitro-2-methylphenol
Concen: 4.763 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:198 Resp: 571

Ion	Ratio	Lower	Upper
198	100		
51	152.4	27.4	67.4#
105	117.0	19.7	59.7#



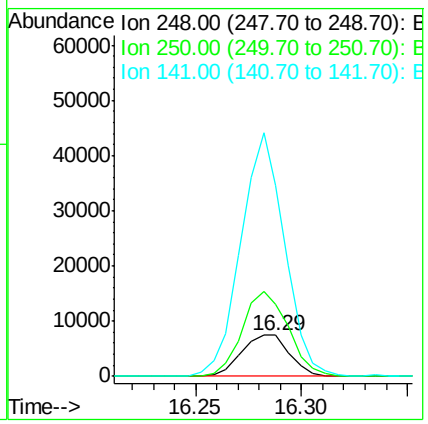


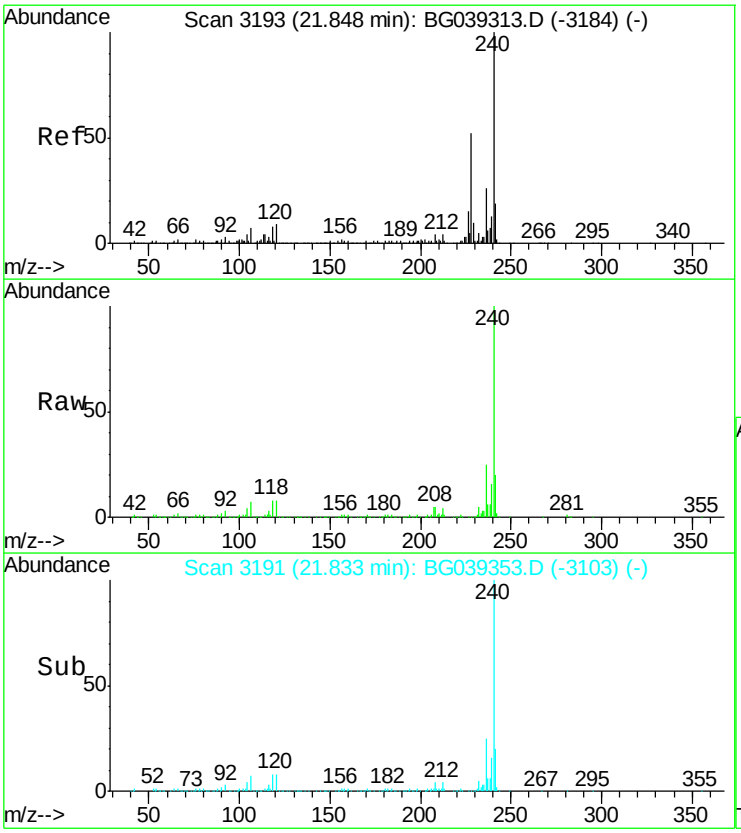
#67
4-Bromophenyl-phenylether
Concen: 3.404 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.45 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:248 Resp: 11743

Ion	Ratio	Lower	Upper
248	100		
250	176.4	77.6	116.4#
141	466.7	63.9	95.9#

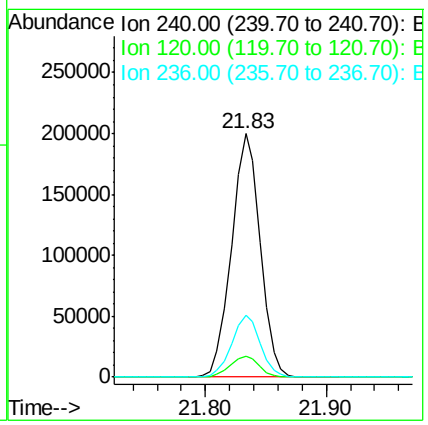


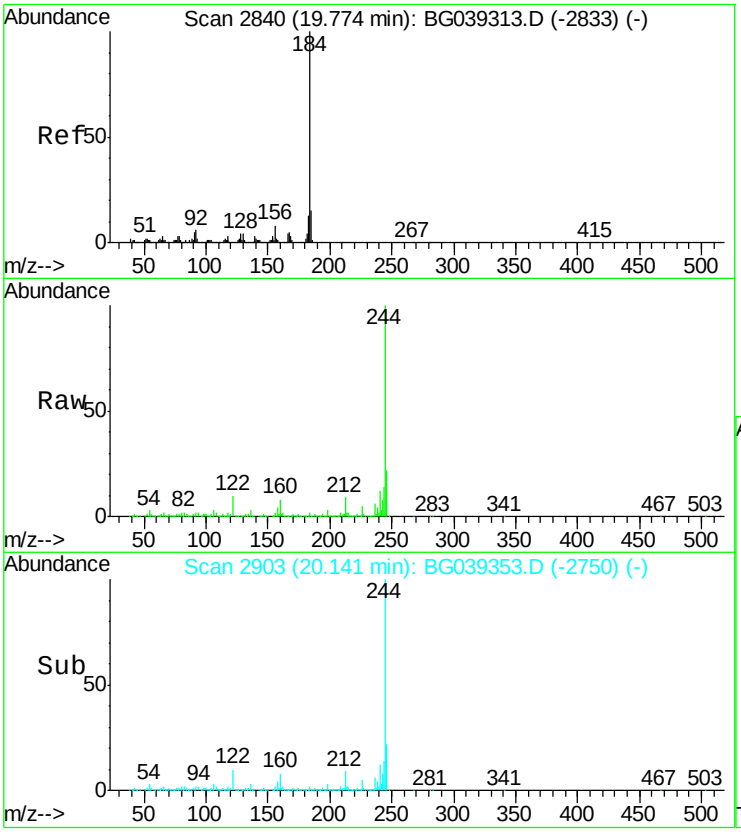


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:240 Resp: 330246

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.2	21.0	31.4



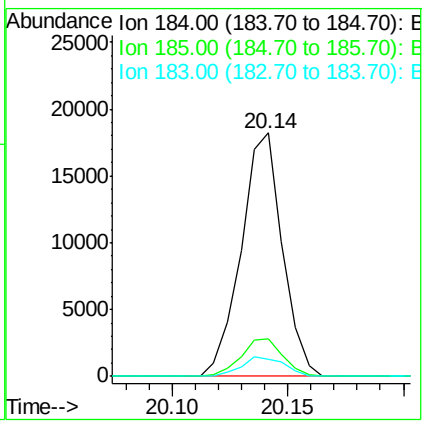


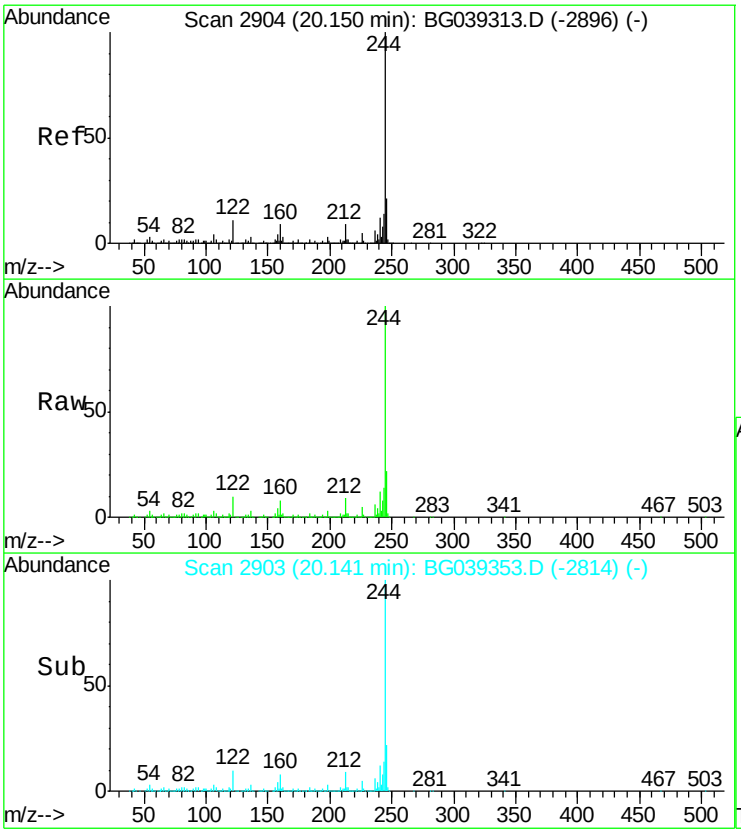
#77
Benzidine
Concen: 2.091 ng
RT: 20.14 min Scan# 2903
Delta R.T. 0.37 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:184 Resp: 22639

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	6.9	10.6	15.8#

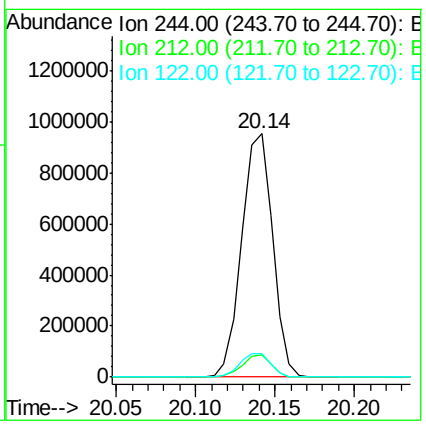


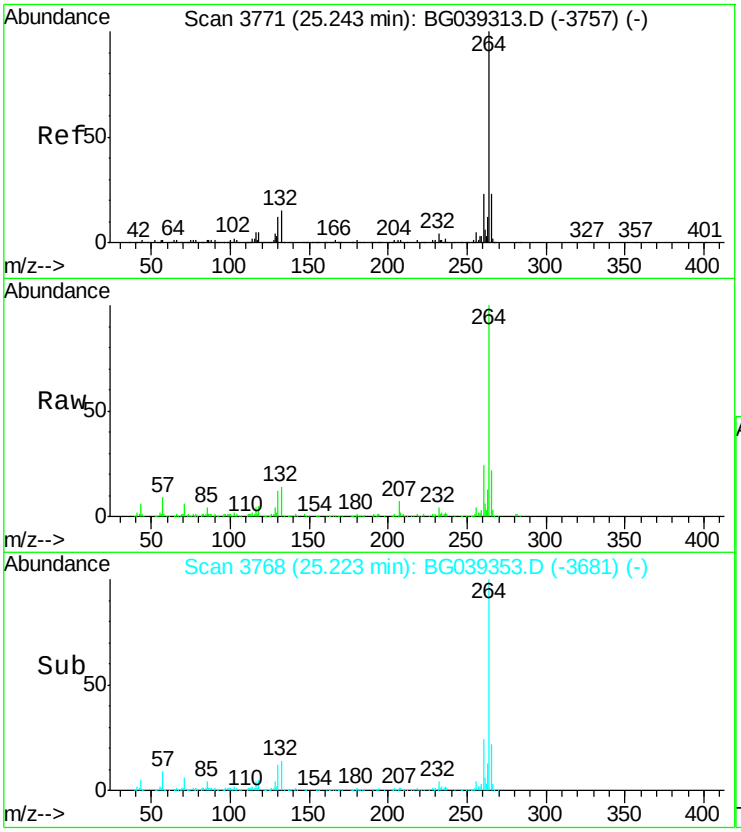


#79
Terphenyl-d14
Concen: 83.053 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:244 Resp: 1295787

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tgt Ion:264 Resp: 330325

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	18.5	27.7