Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039396.D
Acq On : 8 Feb 2019 00:13
Operator : JU/SJ
Sample : K1385-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 98-WC-S-01-2-57

Quant Time: Feb 08 09:15:45 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	54724	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	229945	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	153391	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	368862	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	404963	20.00	ng	-0.02
87) Perylene-d12	25.21	264	394260	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	446828	139.75	ng	0.00
7) Phenol-d6	7.31	99	582634	123.79	ng	0.00
23) Nitrobenzene-d5	9.35	82	422966	114.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	245660	148.73	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1007550	94.23	ng	-0.01
79) Terphenyl-d14	20.14	244	1635591	85.49	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1003	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	55047	16.48	ng	# 71
32) Benzoic acid	10.19	122	94	9.06	ng	# 1
48) 2-Nitroaniline	13.42	65	1713	8.81	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	18815	13.57	ng	# 25
57) 2,4-Dinitrotoluene	14.80	165	18815	13.13	ng	# 20
62) 4-Nitroaniline	16.29	138	64	4.23	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.28	198	849	4.91	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	19167	4.68	ng	# 1
77) Benzidine	20.14	184	29257	2.20	ng	# 90

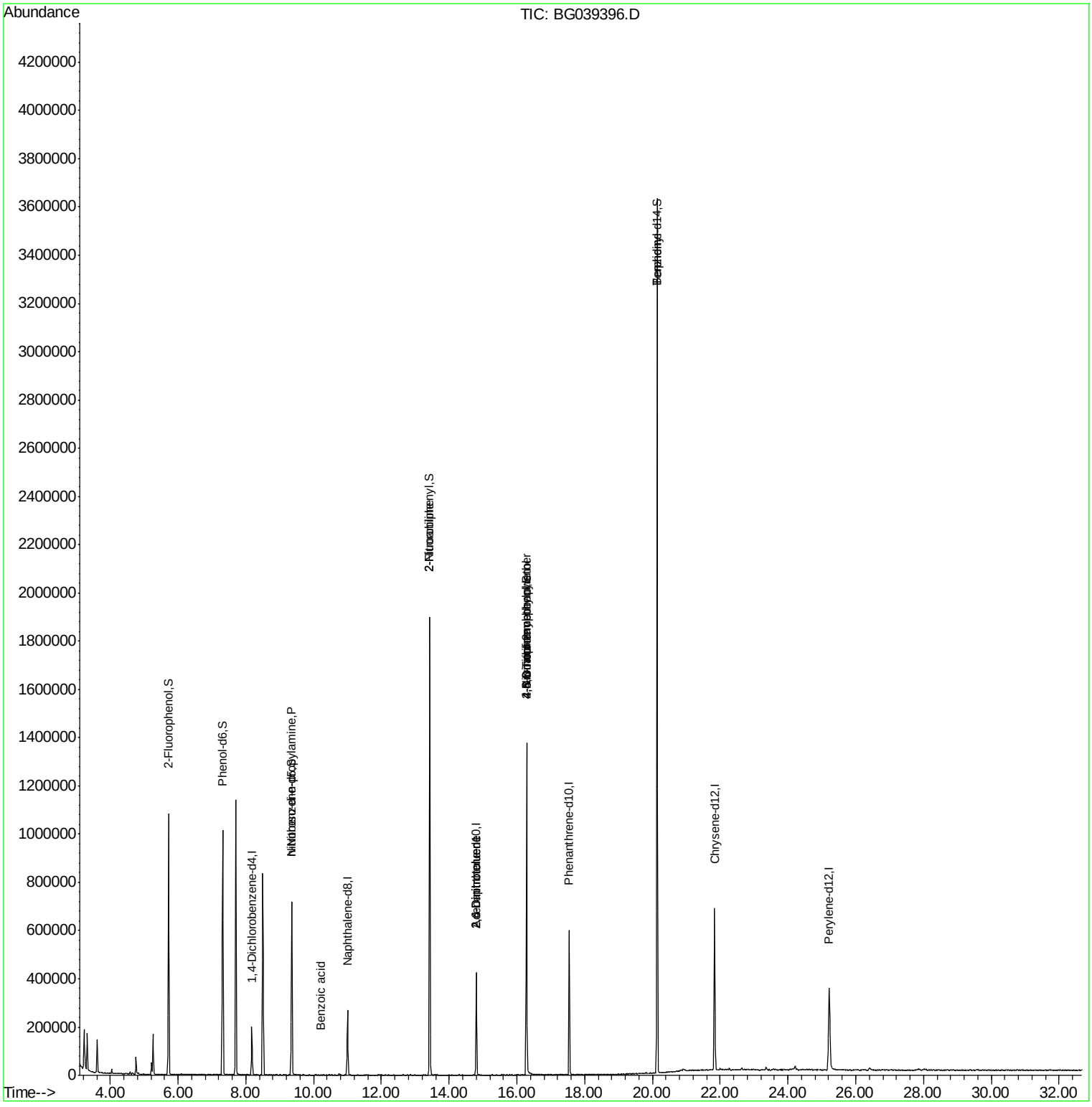
(#) = qualifier out of range (m) = manual integration (+) = signals summed

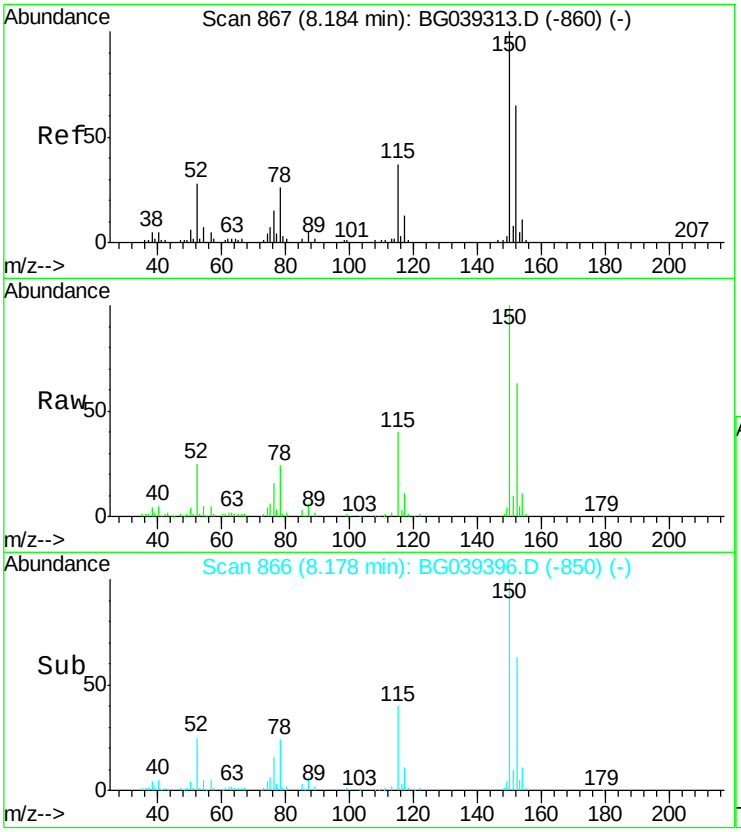
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039396.D
Acq On : 8 Feb 2019 00:13
Operator : JU/SJ
Sample : K1385-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Quant Time: Feb 08 09:15:45 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



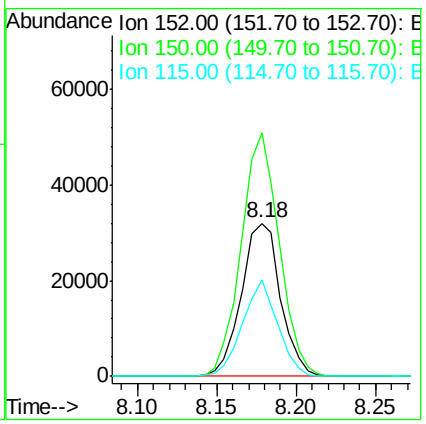


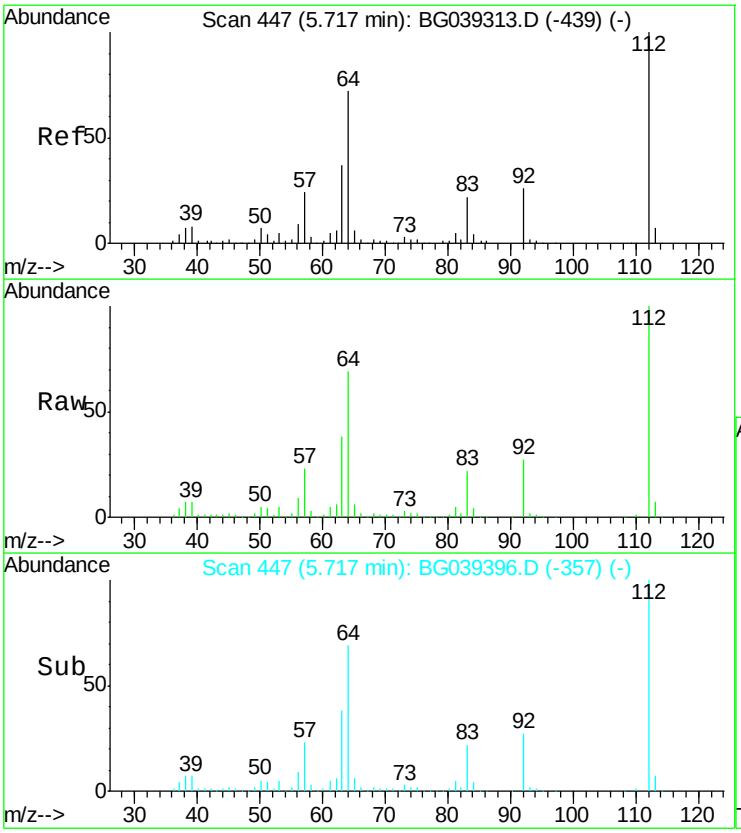
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:152 Resp: 54724

Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.7	185.5
115	63.0	45.9	68.9

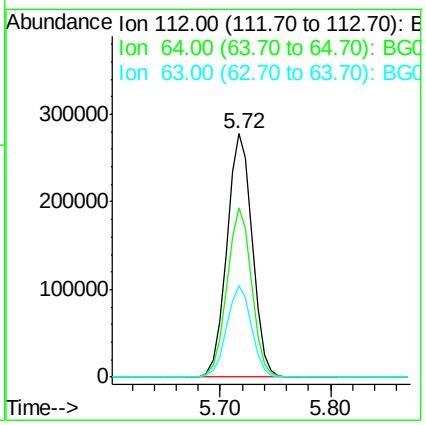


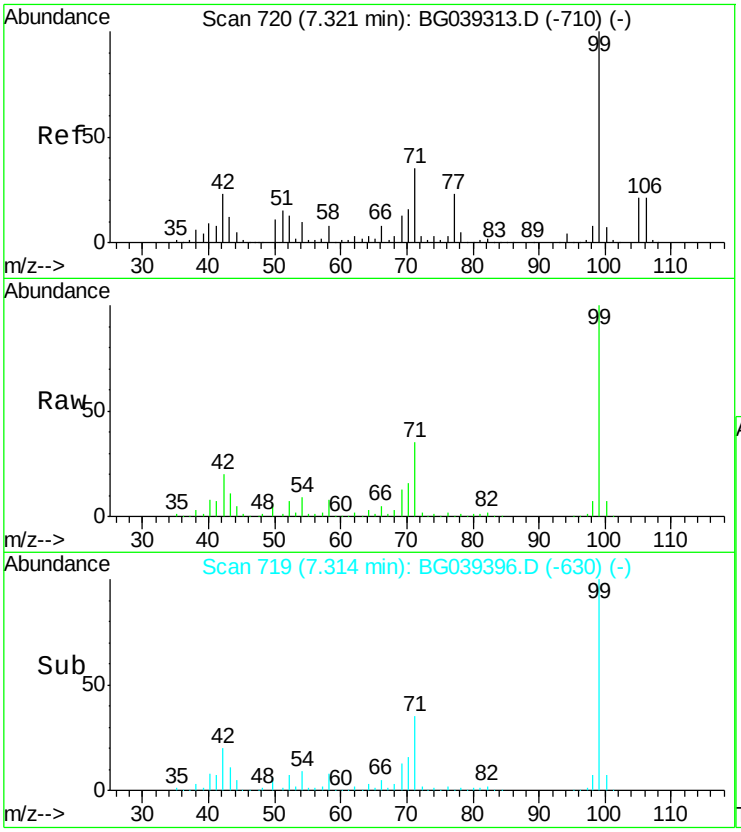


#5
2-Fluorophenol
Concen: 139.75 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:112 Resp: 446828

Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.8	86.8
63	37.6	29.8	44.6



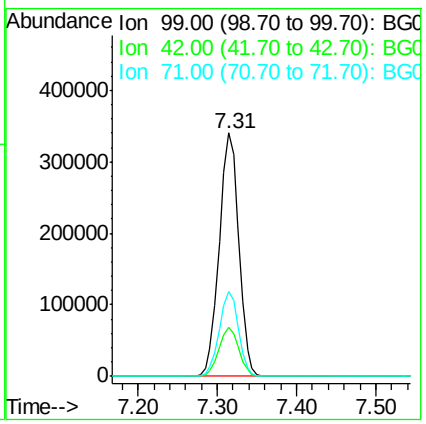


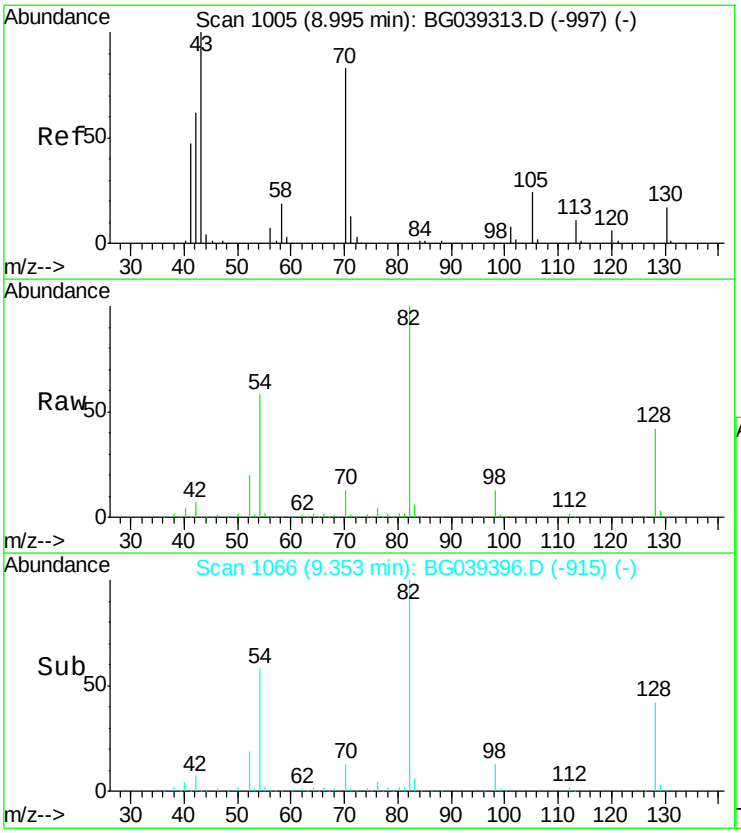
#7
Phenol-d6
Concen: 123.79 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion: 99 Resp: 582634

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.2
71	34.9	28.0	42.0

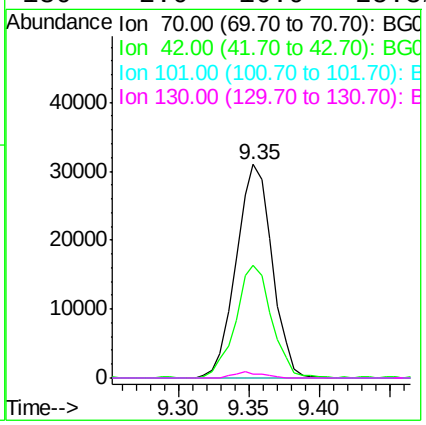


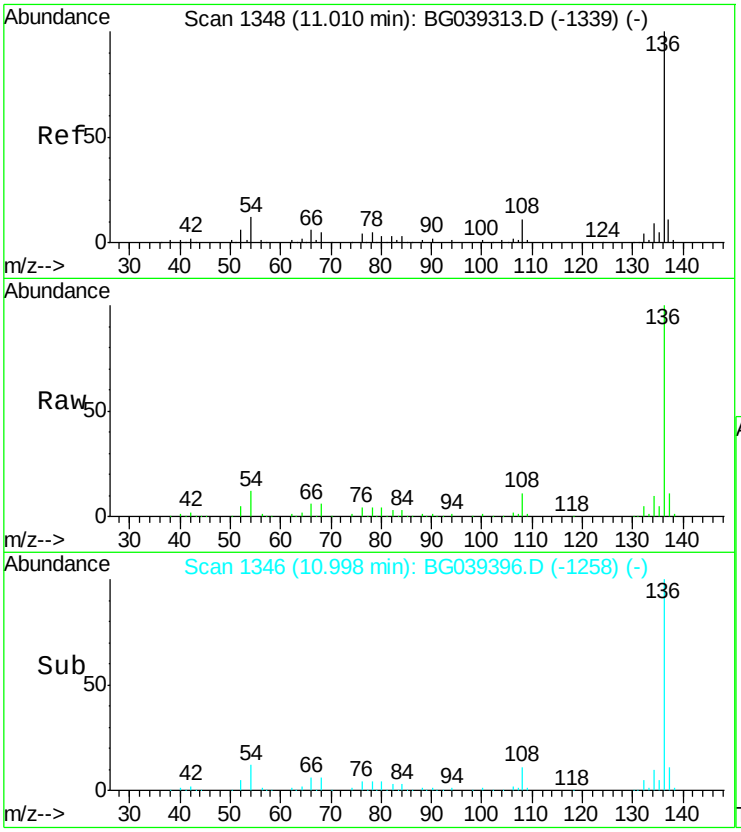


#19
n-Nitroso-di-n-propylamine
Concen: 16.48 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion: 70 Resp: 55047

Ion	Ratio	Lower	Upper
70	100		
42	53.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#



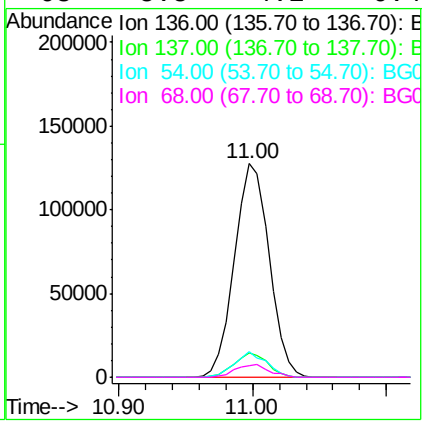


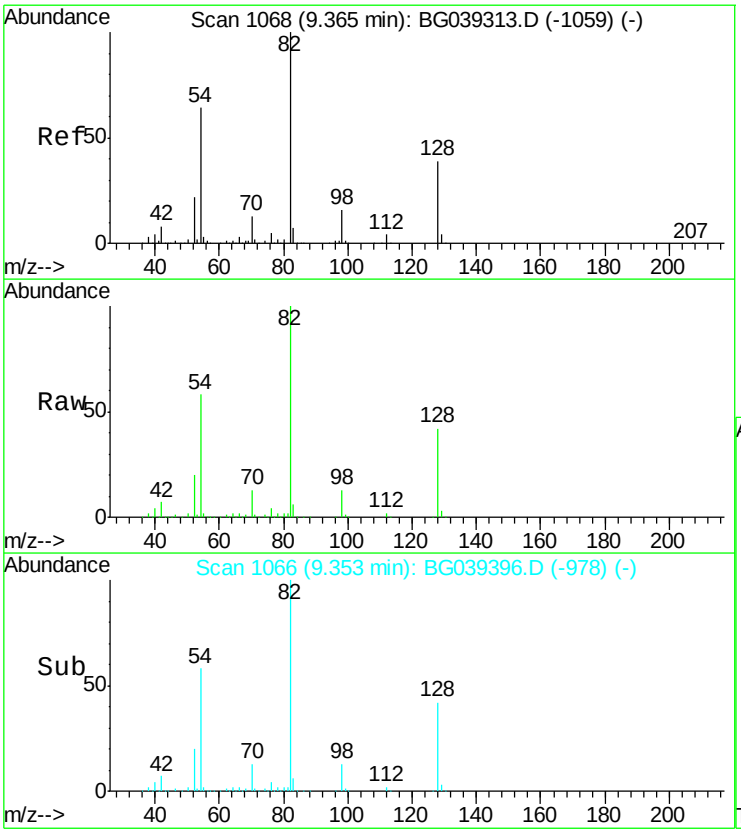
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:136 Resp: 229945

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.8	9.4	14.2
68	5.5	4.2	6.4

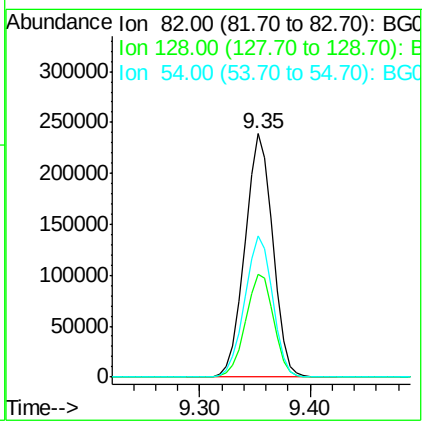


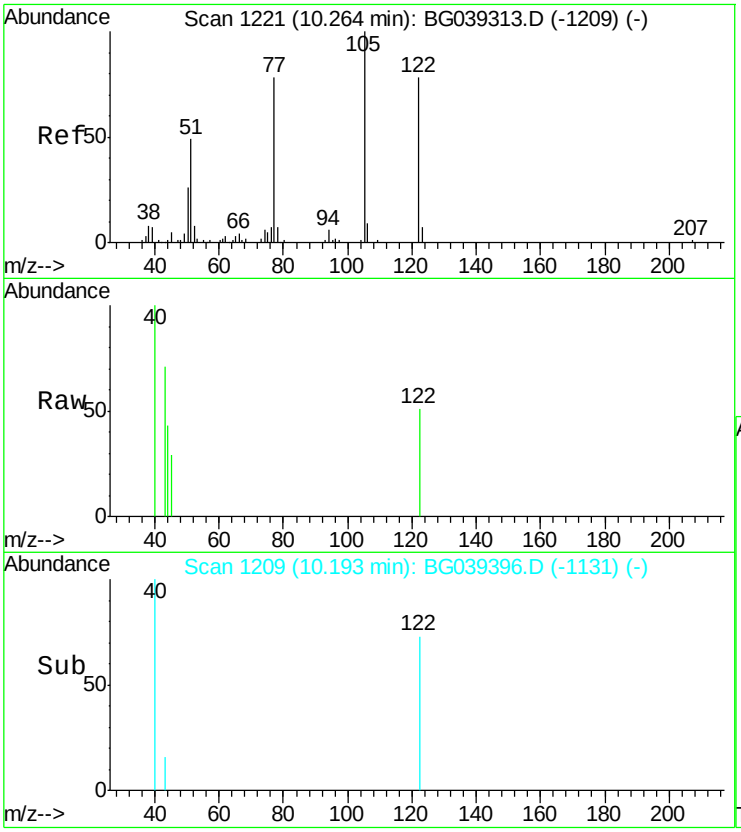


#23
Nitrobenzene-d5
Concen: 114.91 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion: 82 Resp: 422966

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.2	50.9	76.3



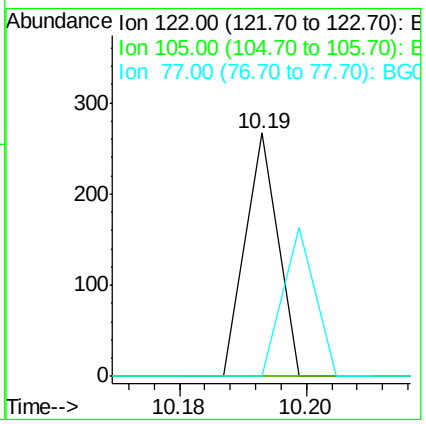


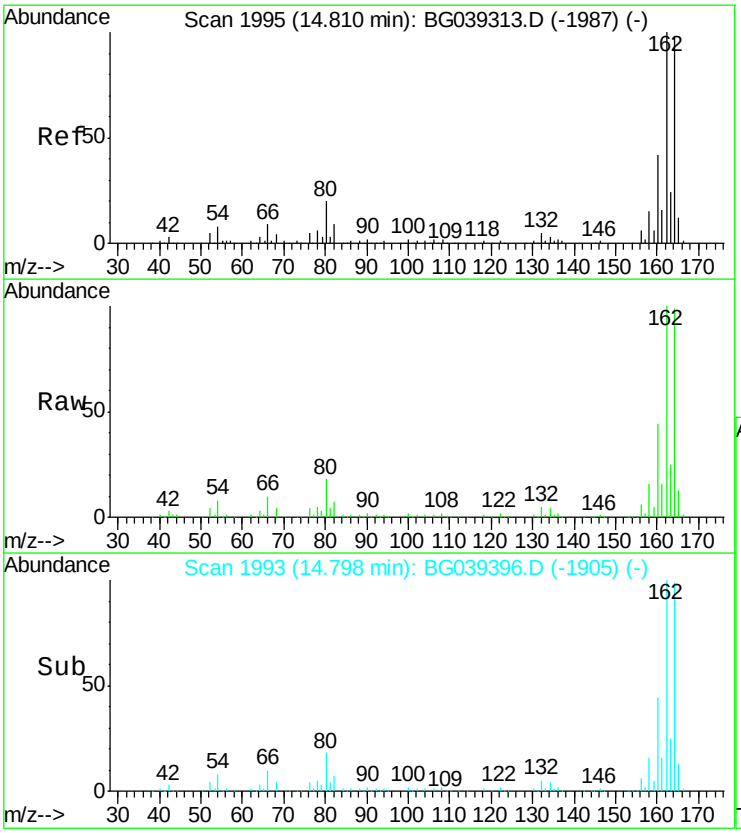
#32
Benzoic acid
Concen: 9.06 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.07 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:122 Resp: 94

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

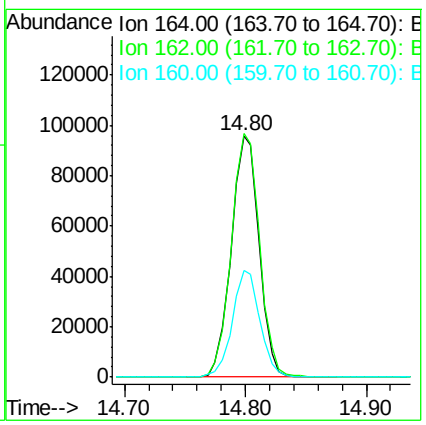


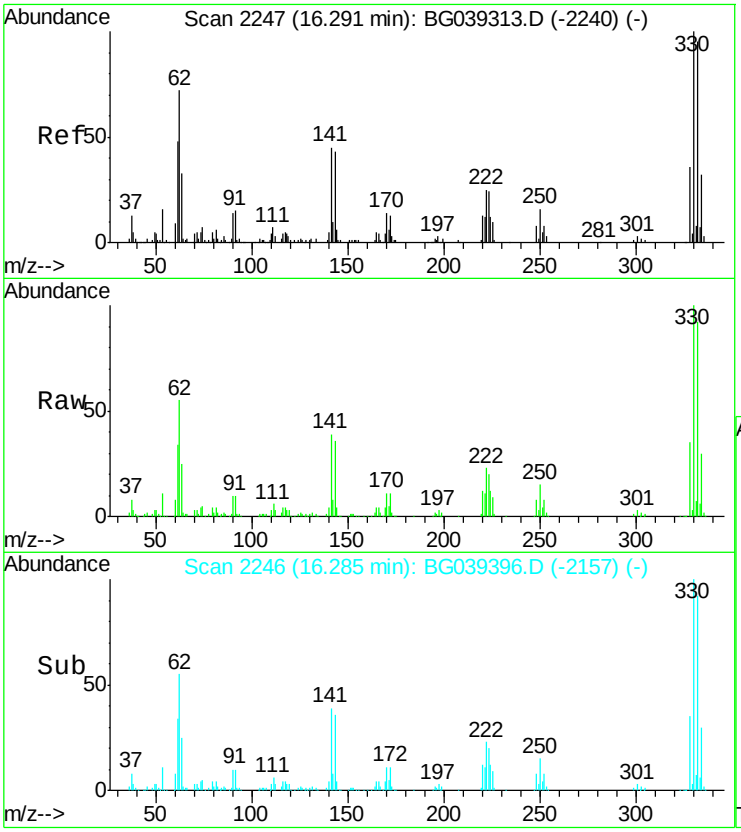


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:164 Resp: 153391

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.6	122.4
160	44.1	34.2	51.2



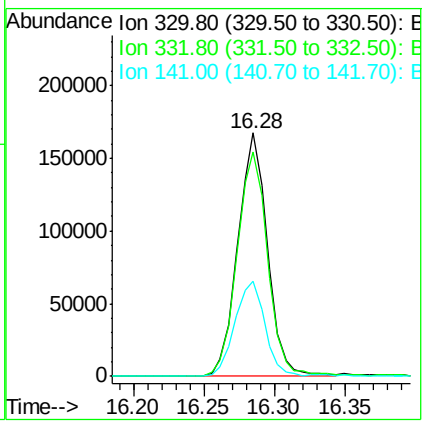


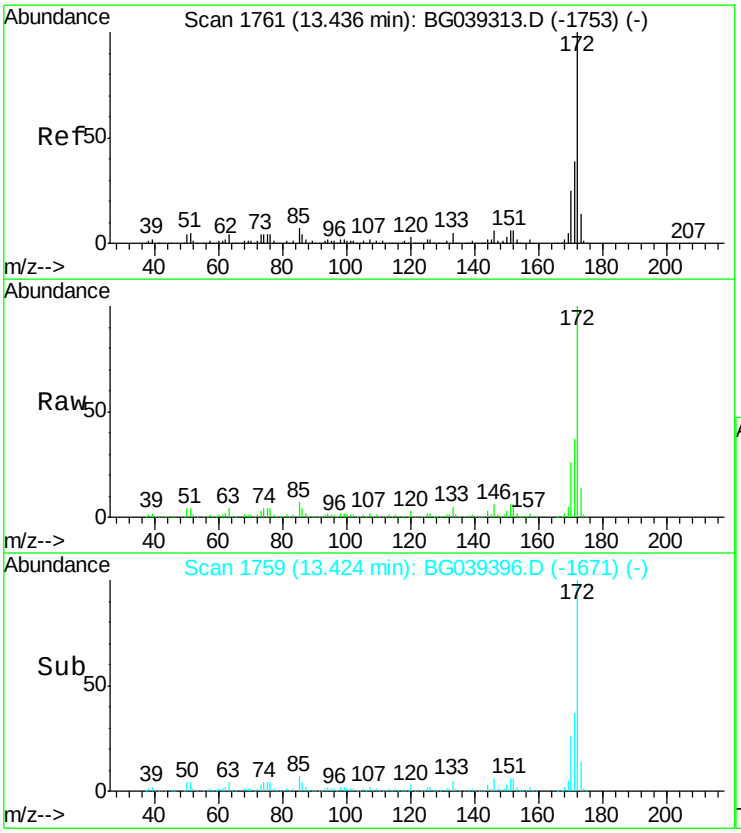
#42
2,4,6-Tribromophenol
Concen: 148.73 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:330 Resp: 245660

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	40.2	35.6	53.4

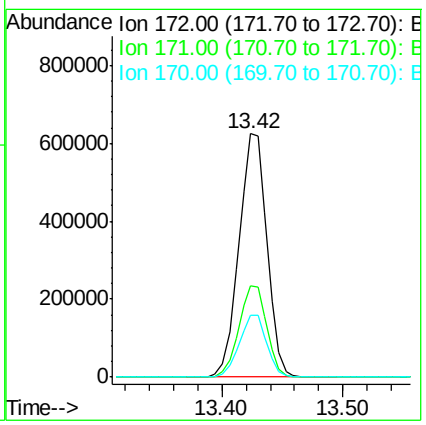


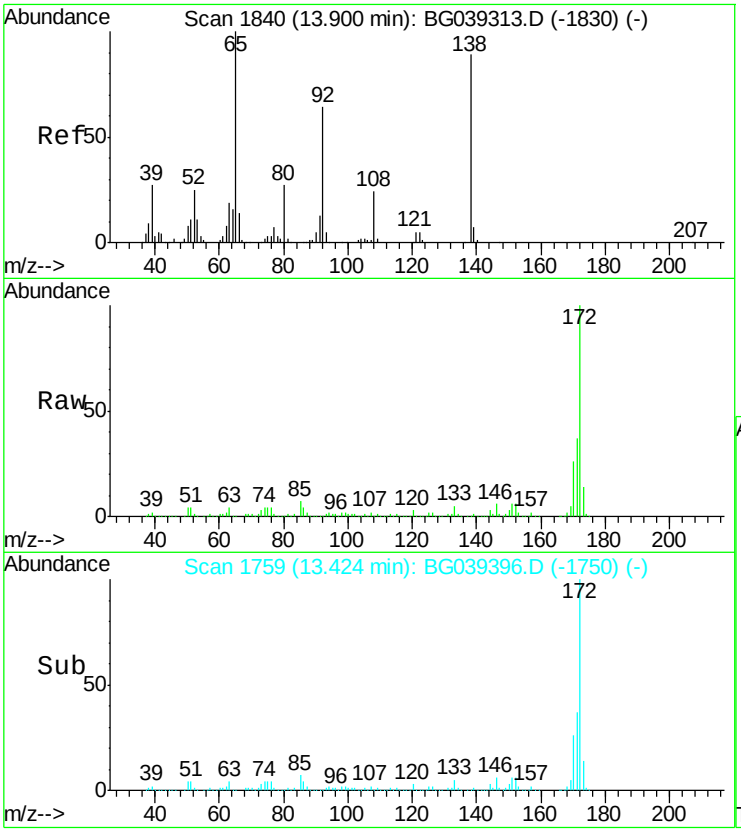


#45
2-Fluorobiphenyl
Concen: 94.23 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:172 Resp: 1007550

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.6	20.2	30.4



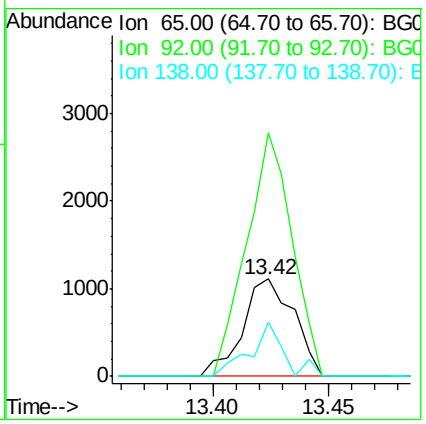


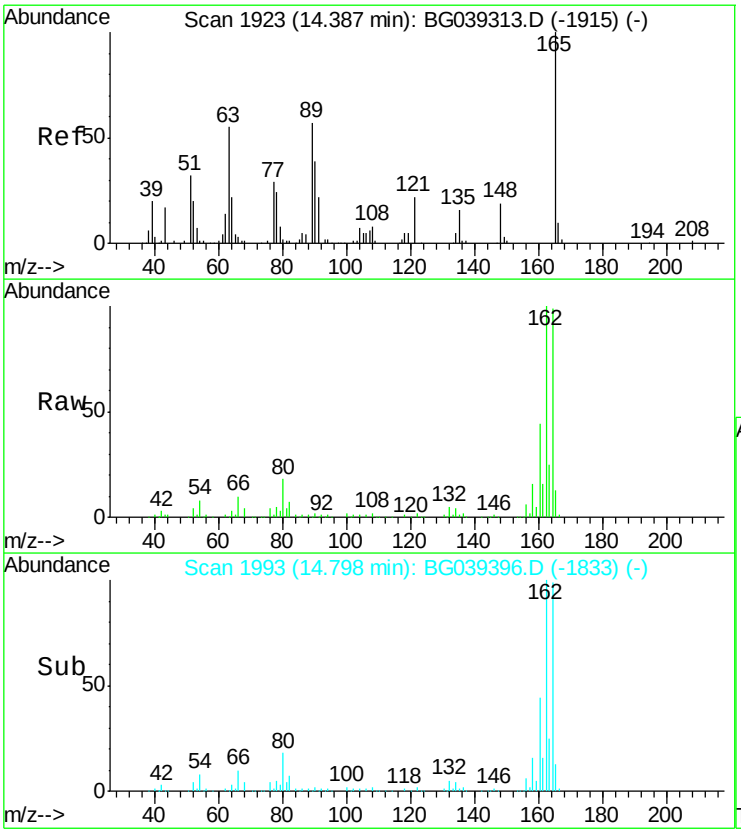
#48
2-Nitroaniline
Concen: 8.81 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion: 65 Resp: 1713

Ion	Ratio	Lower	Upper
65	100		
92	249.9	51.4	77.2#
138	55.8	71.4	107.2#

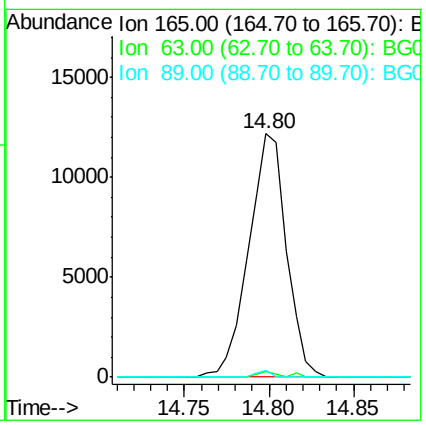


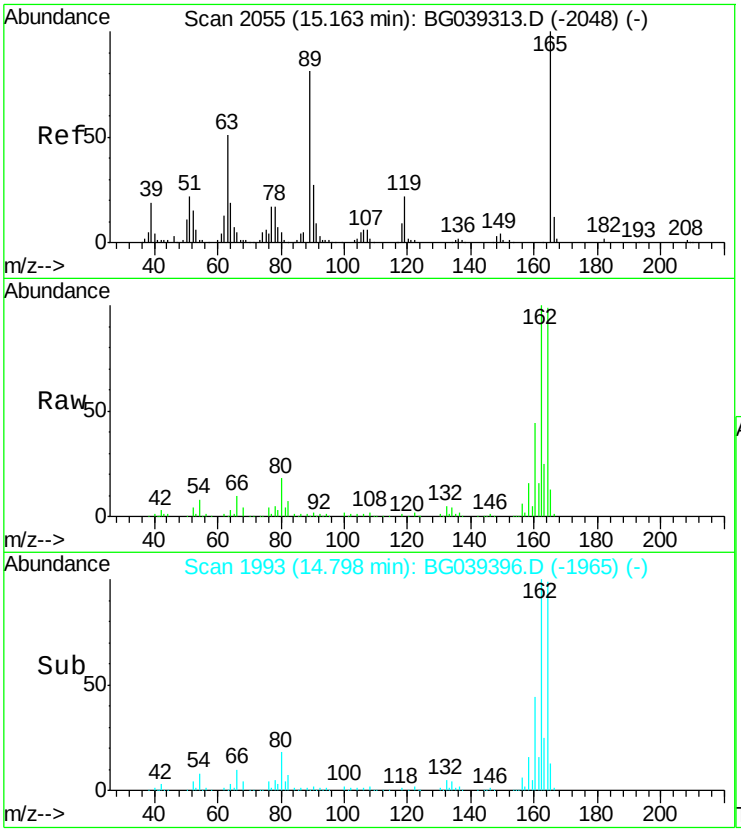


#51
2,6-Dinitrotoluene
Concen: 13.57 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:165 Resp: 18815

Ion	Ratio	Lower	Upper
165	100		
63	2.3	47.0	70.6#
89	2.7	45.8	68.8#



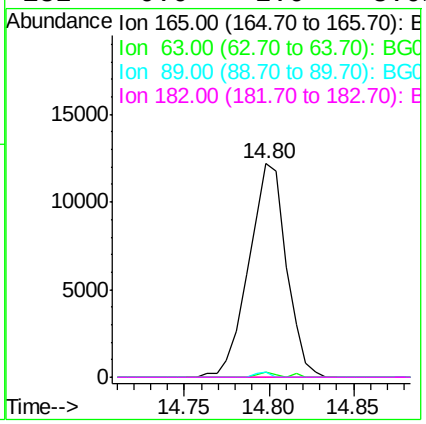


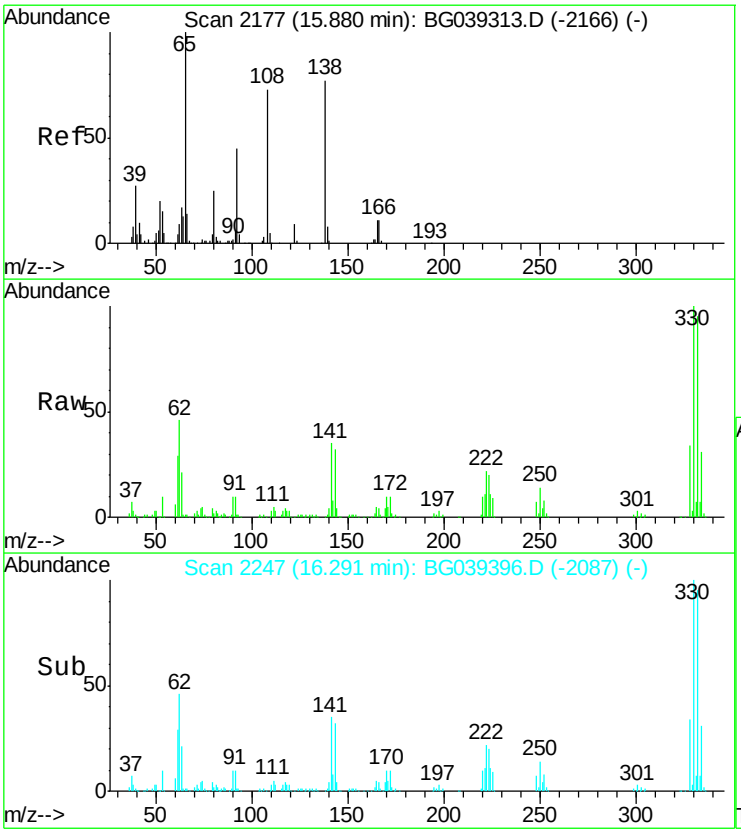
#57
2,4-Dinitrotoluene
Concen: 13.13 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:165 Resp: 18815

Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.0	61.6#
89	2.7	64.6	96.8#
182	0.0	2.0	3.0#

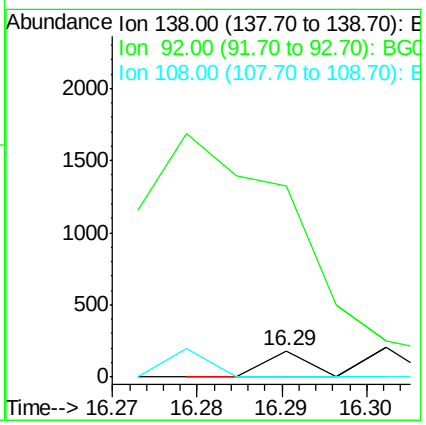


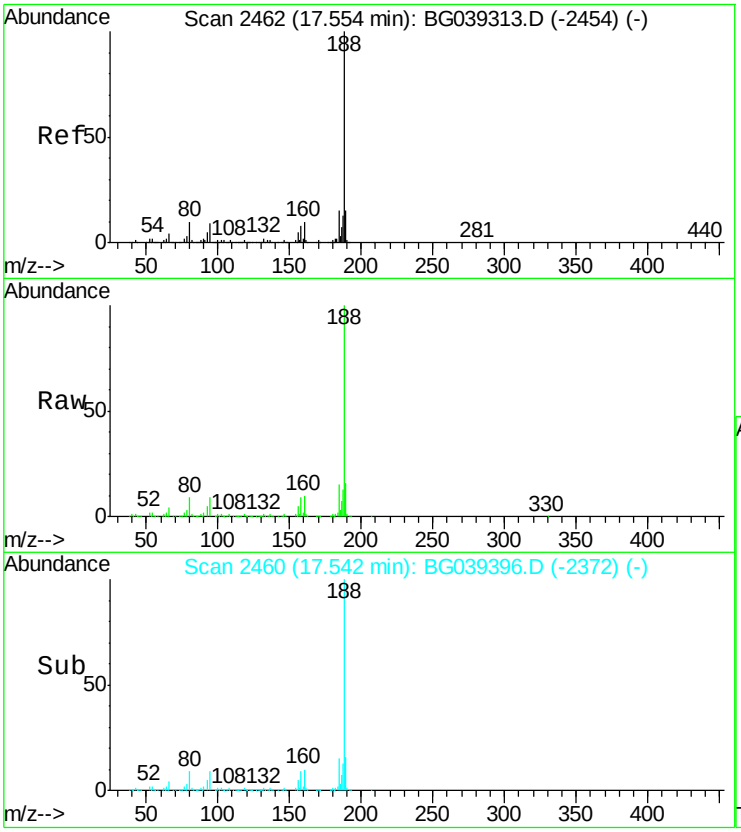


#62
4-Nitroaniline
Concen: 4.23 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.41 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:138 Resp: 64

Ion	Ratio	Lower	Upper
138	100		
92	729.7	38.7	78.7#
108	0.0	74.6	114.6#



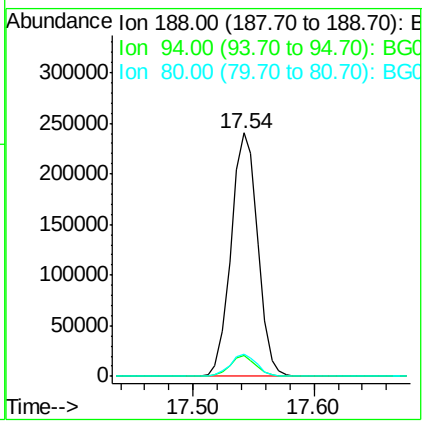


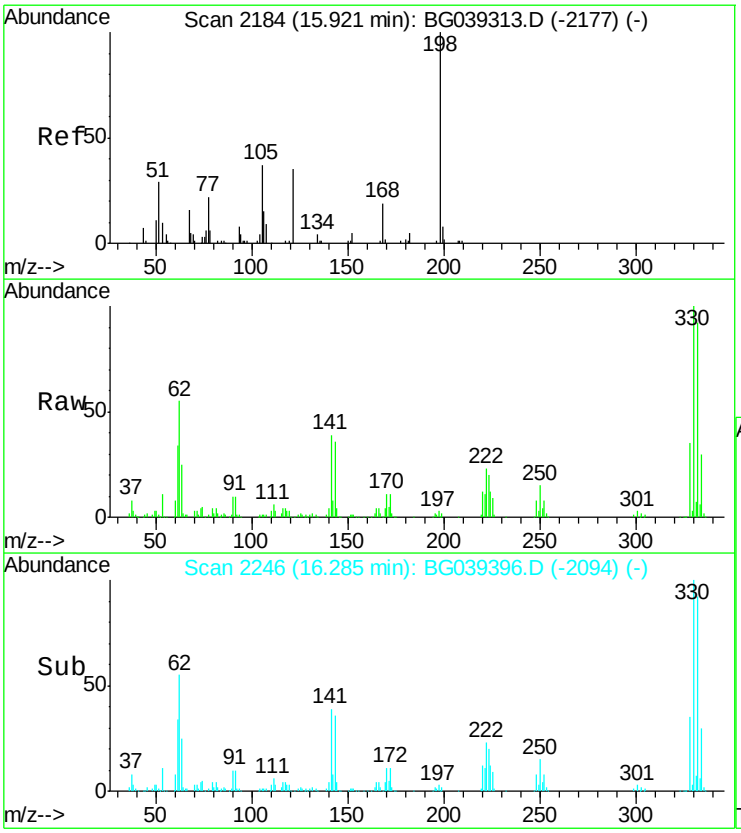
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:188 Resp: 368862

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	9.1	8.1	12.1

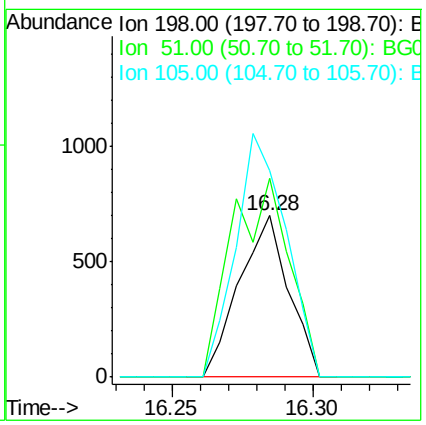


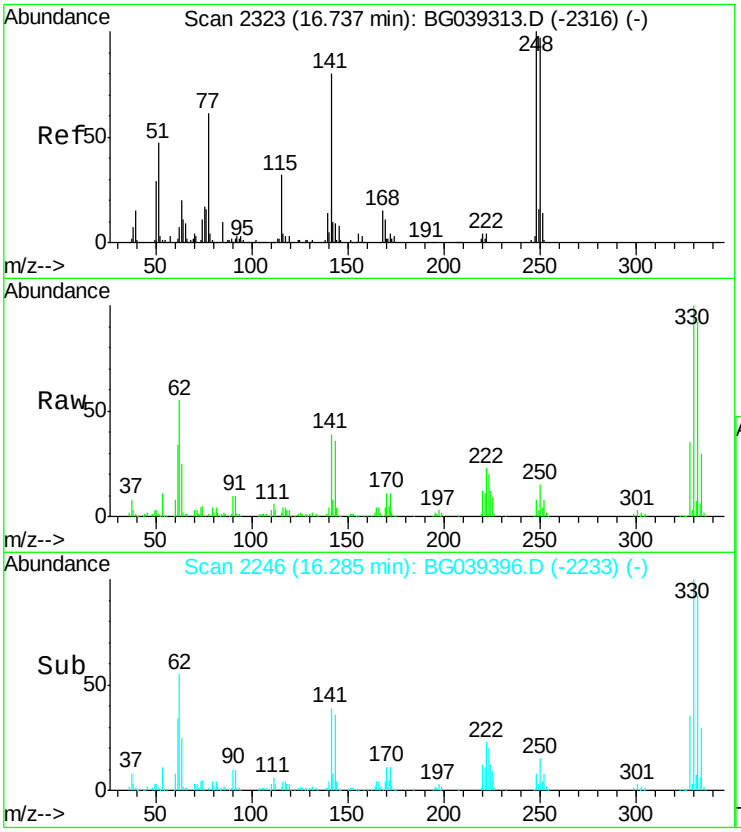


#65
4,6-Dinitro-2-methylphenol
Concen: 4.91 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:198 Resp: 849

Ion	Ratio	Lower	Upper
198	100		
51	122.9	27.4	67.4#
105	127.6	19.7	59.7#



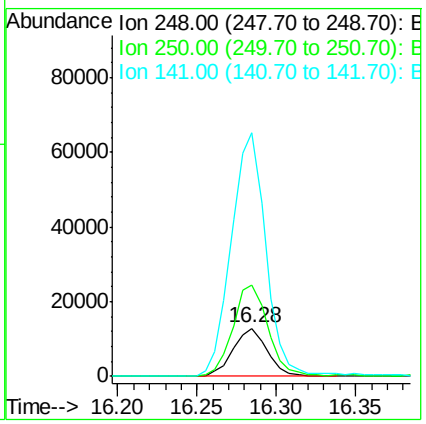


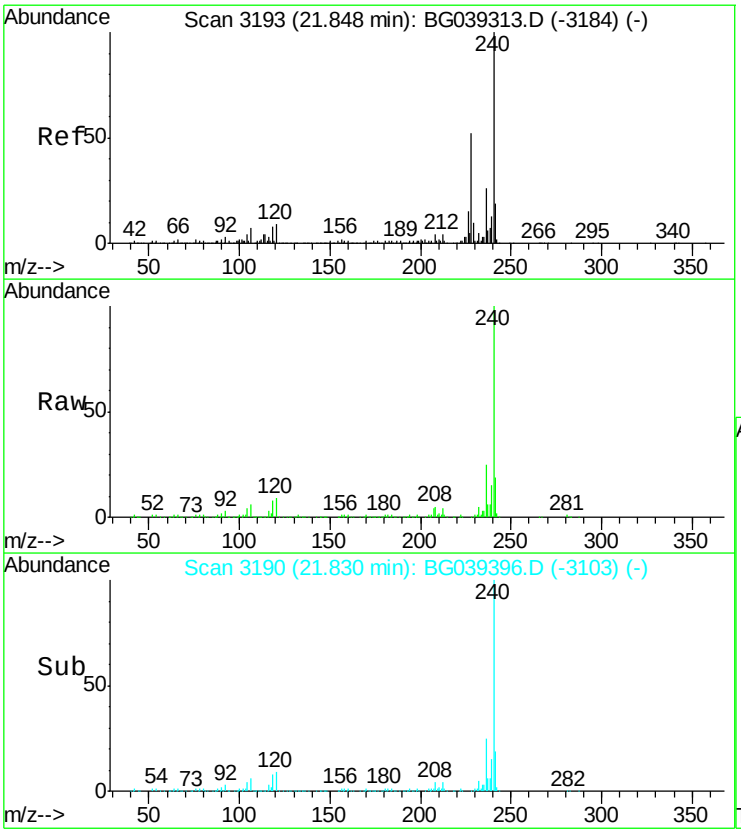
#67
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:248 Resp: 19167

Ion	Ratio	Lower	Upper
248	100		
250	189.6	77.6	116.4#
141	508.9	63.9	95.9#

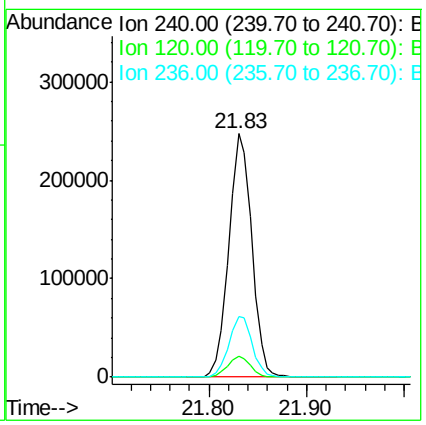


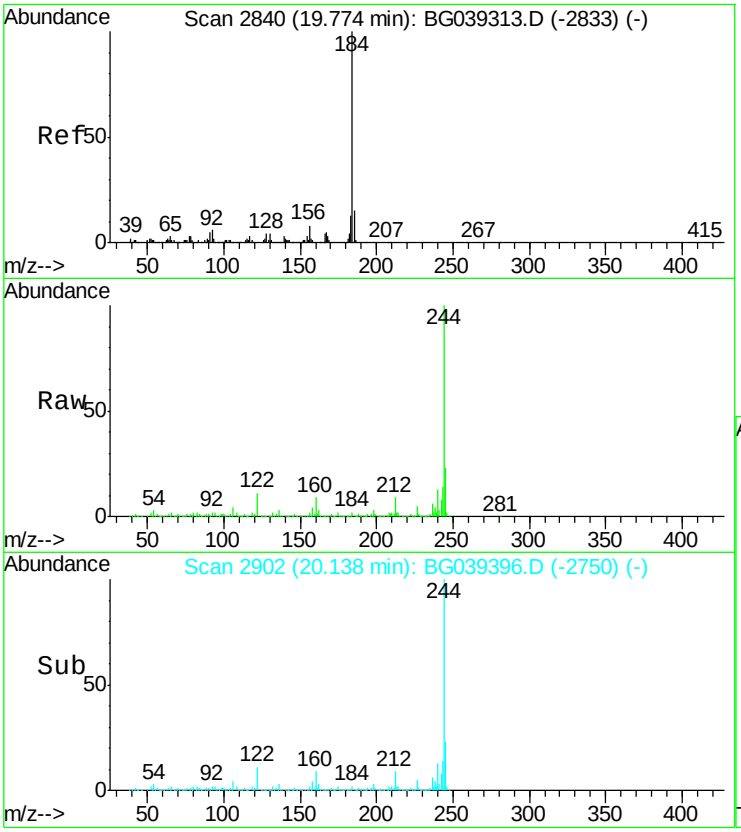


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:240 Resp: 404963

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	25.1	21.0	31.4



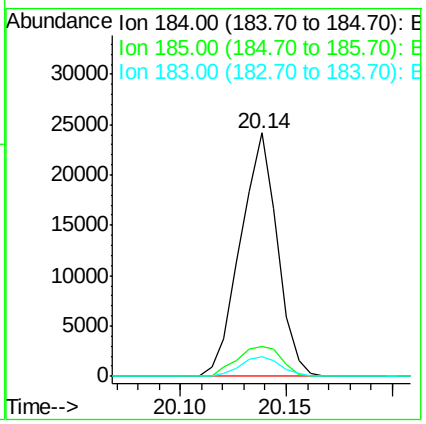


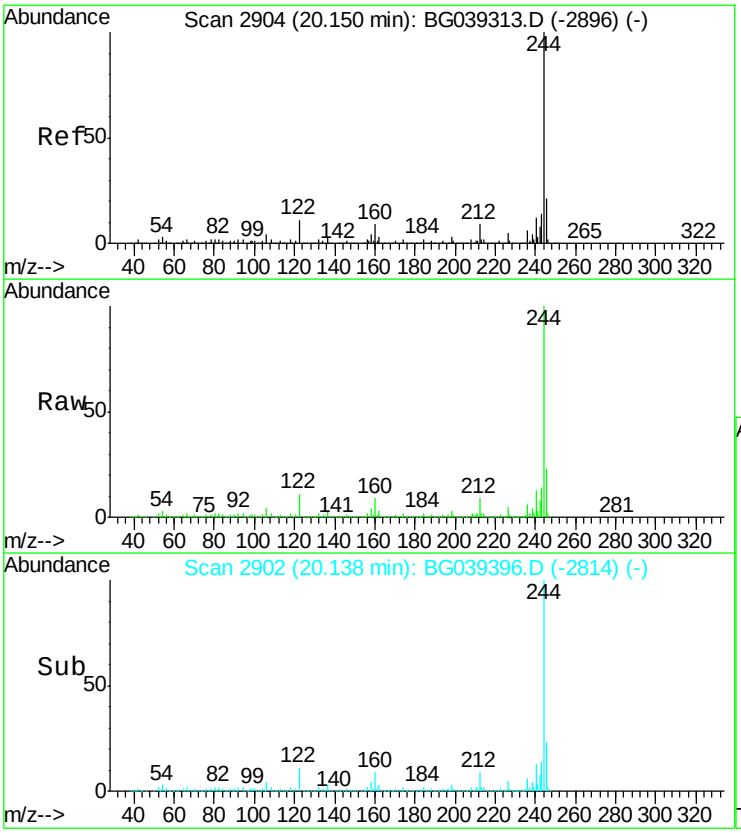
#77
Benzidine
Concen: 2.20 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:184 Resp: 29257

Ion	Ratio	Lower	Upper
184	100		
185	12.0	12.2	18.2#
183	8.1	10.6	15.8#

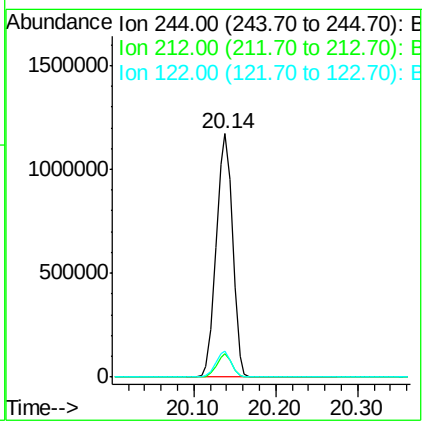


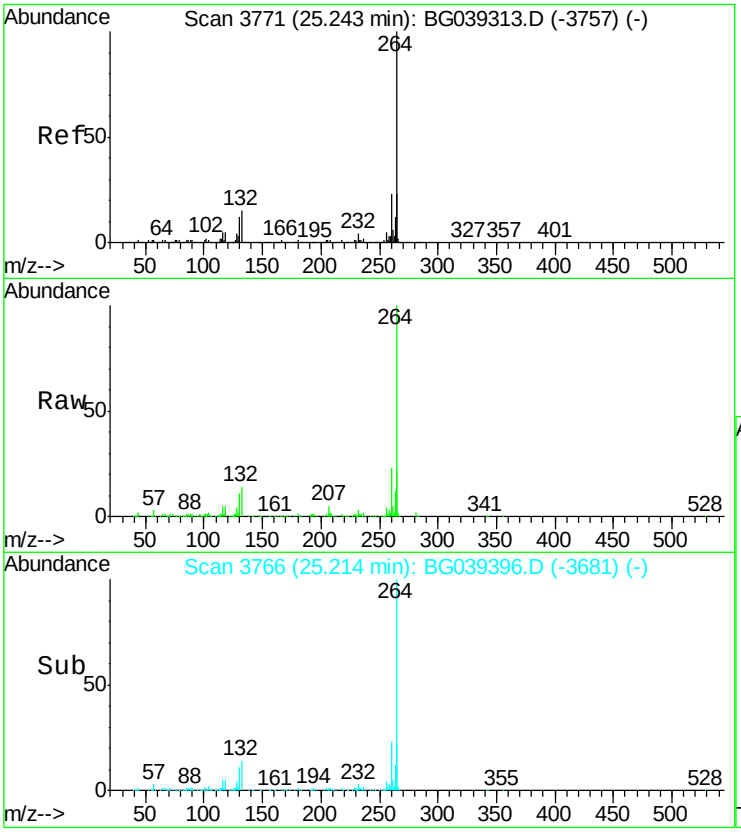


#79
Terphenyl-d14
Concen: 85.49 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:244 Resp: 1635591

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.8	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tgt Ion:264 Resp: 394260

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.1	18.5	27.7