Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039207.D
Acq On : 18 Jan 2019 6:25
Operator : JU/SJ
Sample : K1157-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-06-011519

Quant Time: Jan 18 07:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19364	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	82524	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	57394	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	180109	20.00	ng	0.00
76) Chrysene-d12	21.68	240	181996	20.00	ng	0.00
87) Perylene-d12	24.94	264	192734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	172505	168.99	ng	0.00
7) Phenol-d6	7.18	99	166802	113.55	ng	0.00
23) Nitrobenzene-d5	9.19	82	124203	82.36	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	118441	123.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	384285	91.63	ng	0.00
79) Terphenyl-d14	20.01	244	854932	86.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	3527	4.163	ng	# 72
19) n-Nitroso-di-n-propylamine	9.19	70	16757	17.371	ng	# 68
51) 2,6-Dinitrotoluene	14.66	165	7417	6.840	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7417	4.768	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	7629	3.295	ng	# 1
77) Benzidine	20.01	184	14350	2.578	ng	# 93

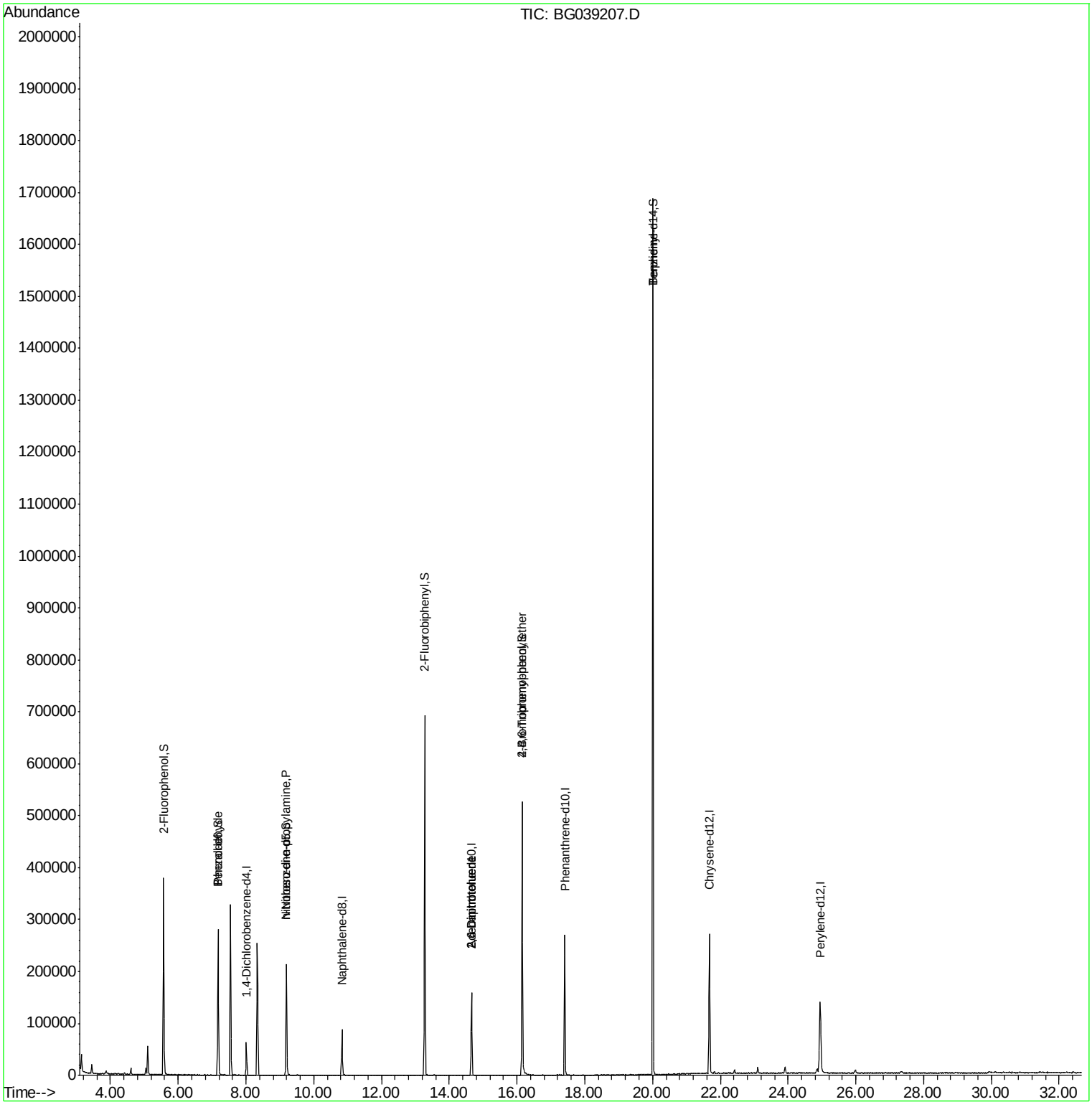
(#) = qualifier out of range (m) = manual integration (+) = signals summed

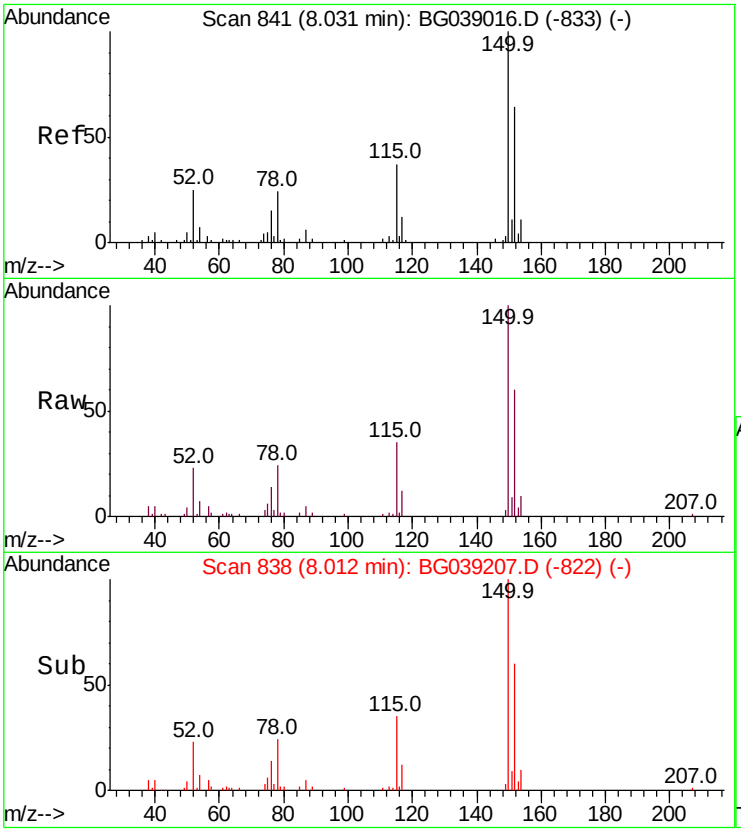
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039207.D
Acq On : 18 Jan 2019 6:25
Operator : JU/SJ
Sample : K1157-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Quant Time: Jan 18 07:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



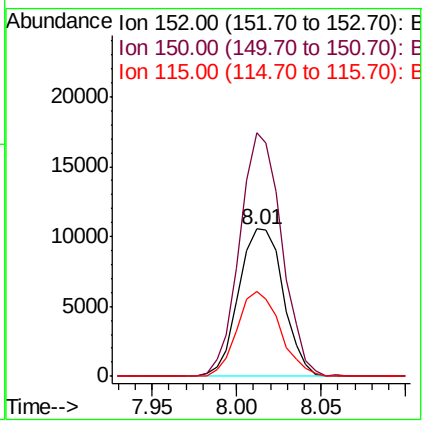


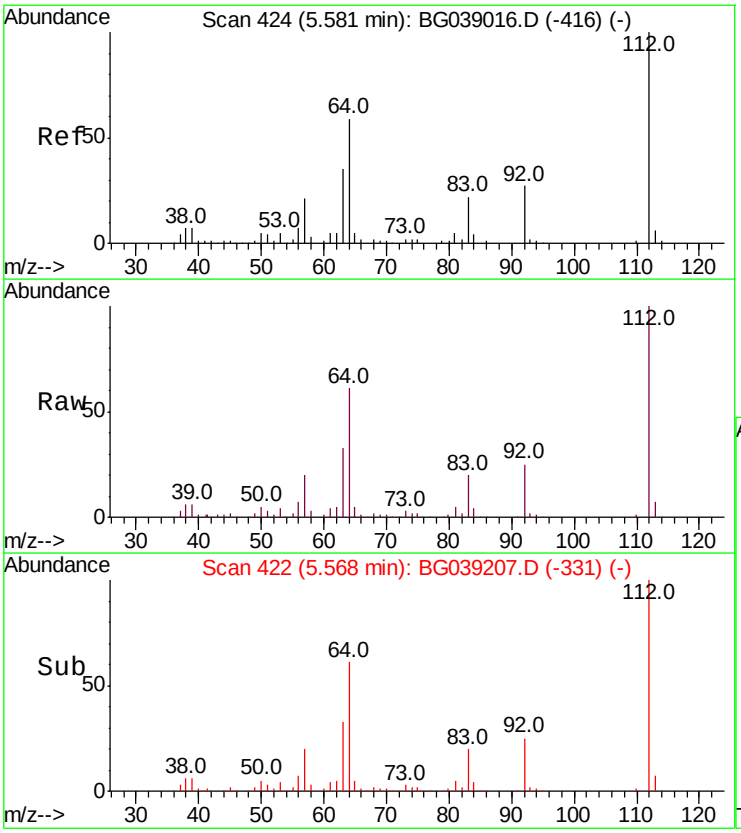
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion:152 Resp: 19364

Ion	Ratio	Lower	Upper
152	100		
150	165.6	124.7	187.1
115	58.2	46.5	69.7

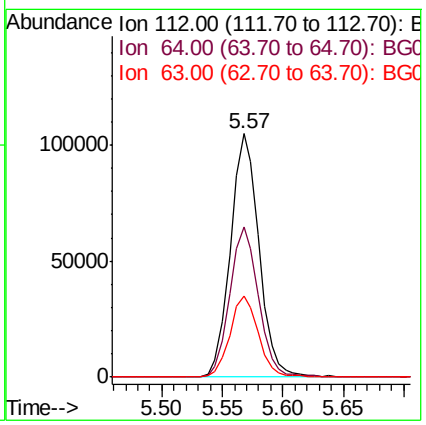


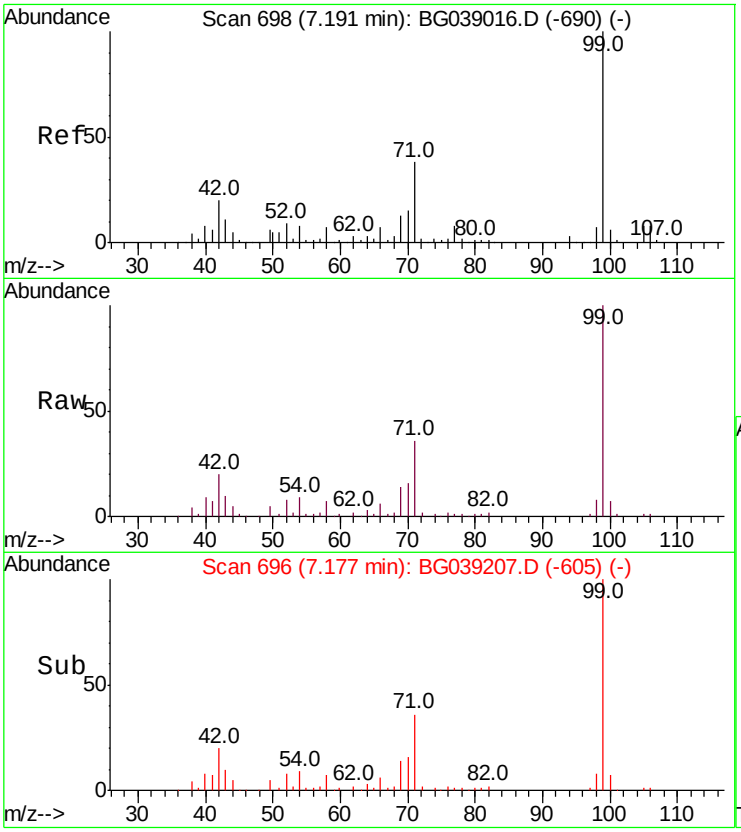


#5
2-Fluorophenol
Concen: 168.993 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:112 Resp: 172505

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.0	70.6
63	33.2	28.0	42.0



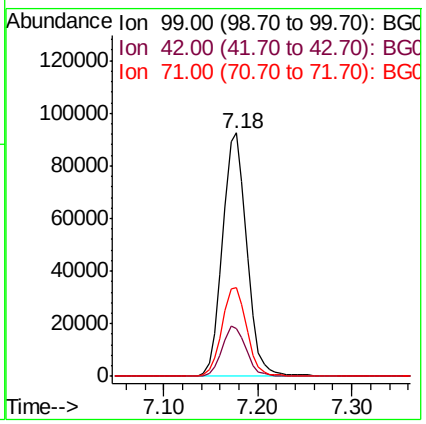


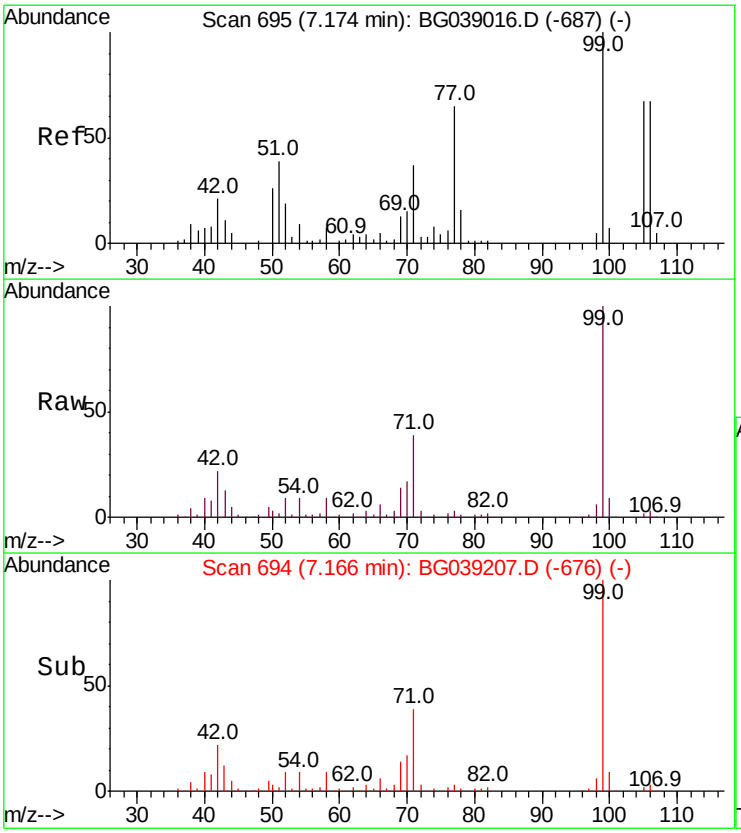
#7
Phenol-d6
Concen: 113.545 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion: 99 Resp: 166802

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	36.3	30.2	45.4

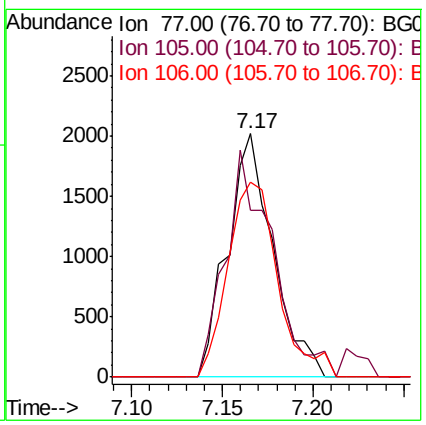


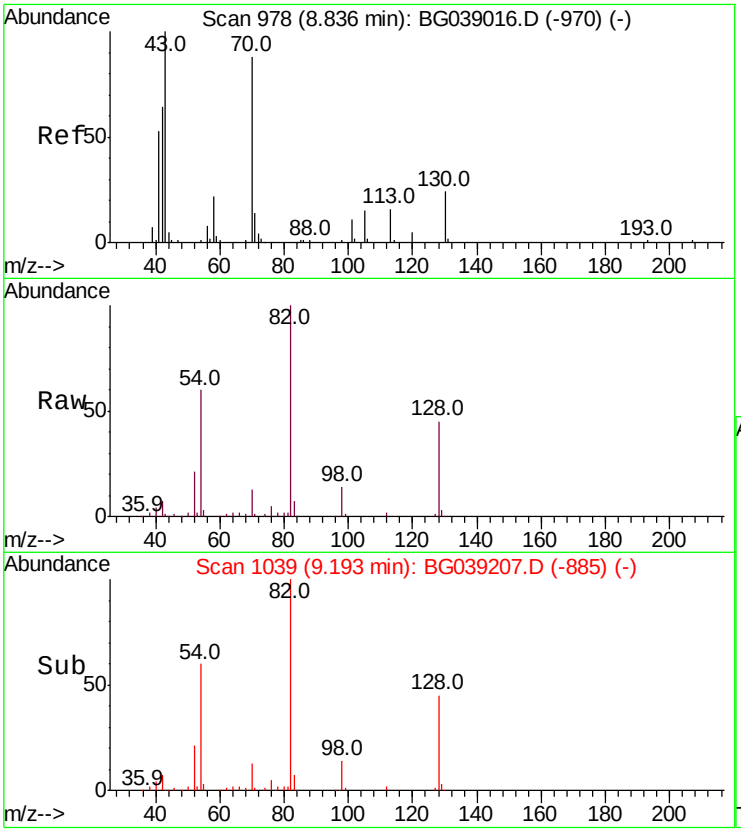


#9
Benzaldehyde
Concen: 4.163 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.01 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion: 77 Resp: 3527

Ion	Ratio	Lower	Upper
77	100		
105	68.3	82.4	122.4#
106	80.1	82.8	122.8#



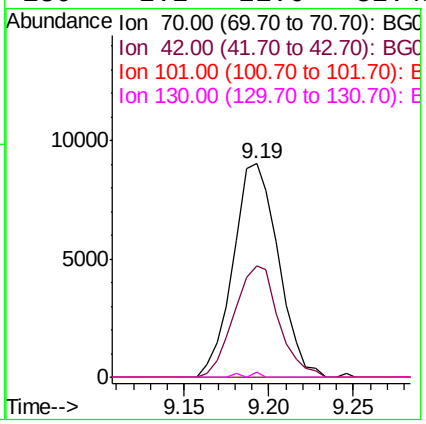


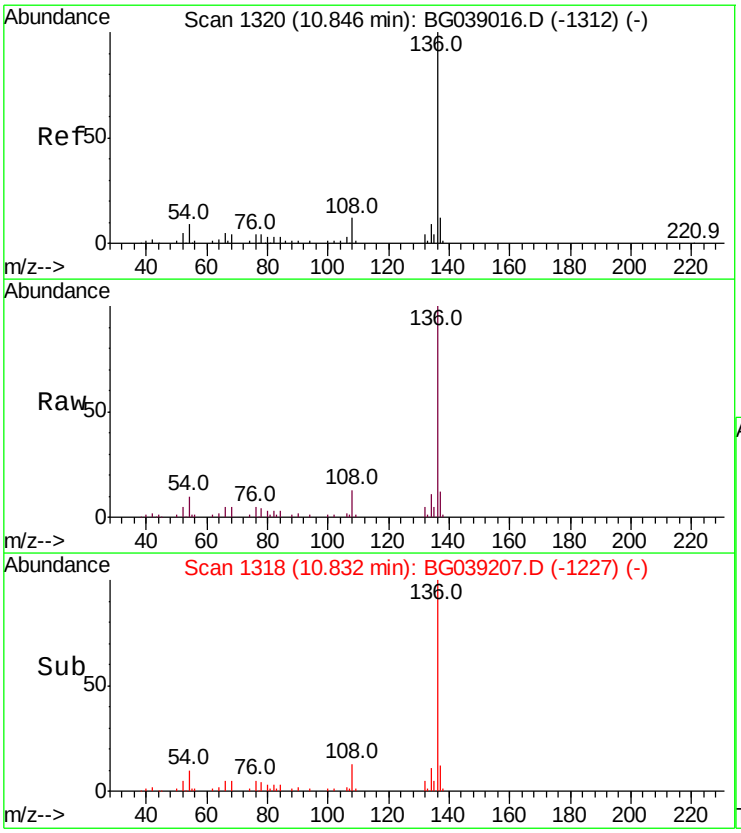
#19
n-Nitroso-di-n-propylamine
Concen: 17.371 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.37 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument : BNA_G
ClientSampleId : WC-06-011519

Tgt Ion: 70 Resp: 16757

Ion	Ratio	Lower	Upper
70	100		
42	52.2	59.0	88.4#
101	0.0	10.4	15.6#
130	2.2	21.6	32.4#

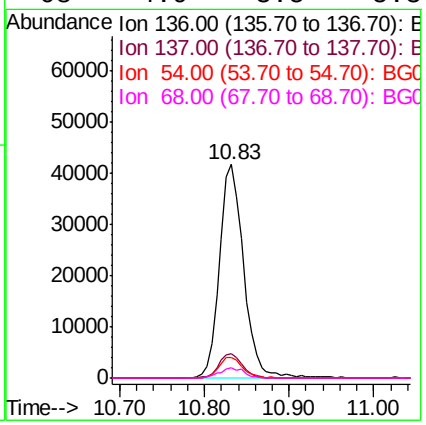


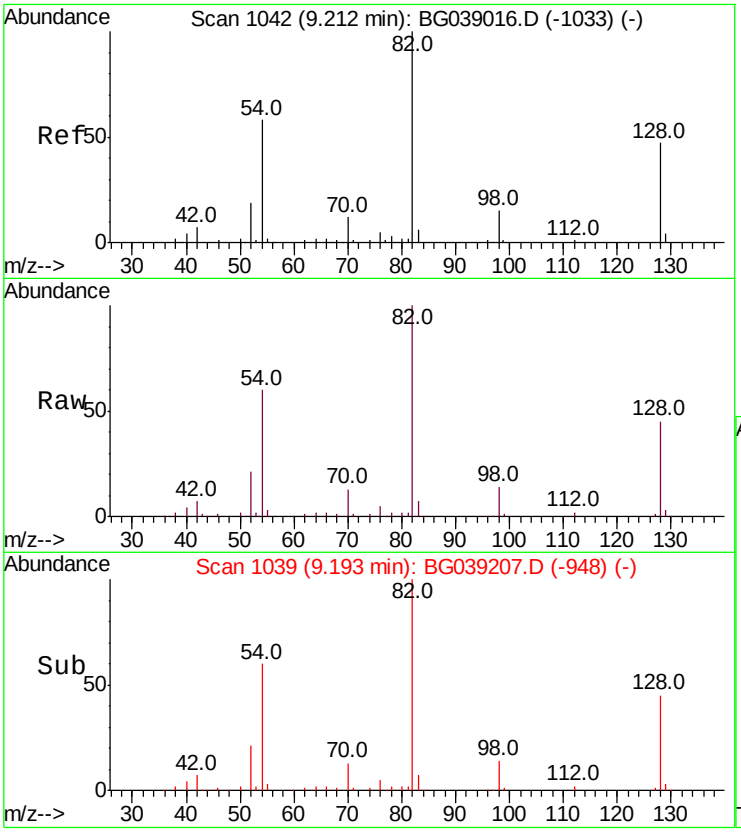


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:136 Resp: 82524

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	9.5	7.2	10.8
68	4.9	3.5	5.3



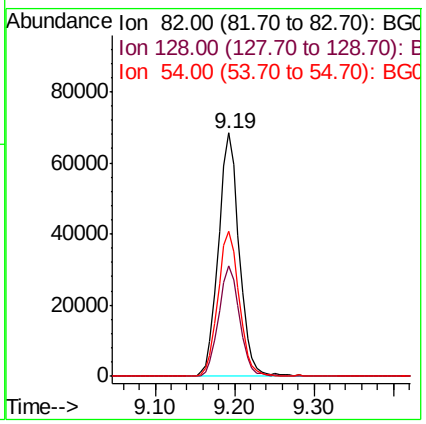


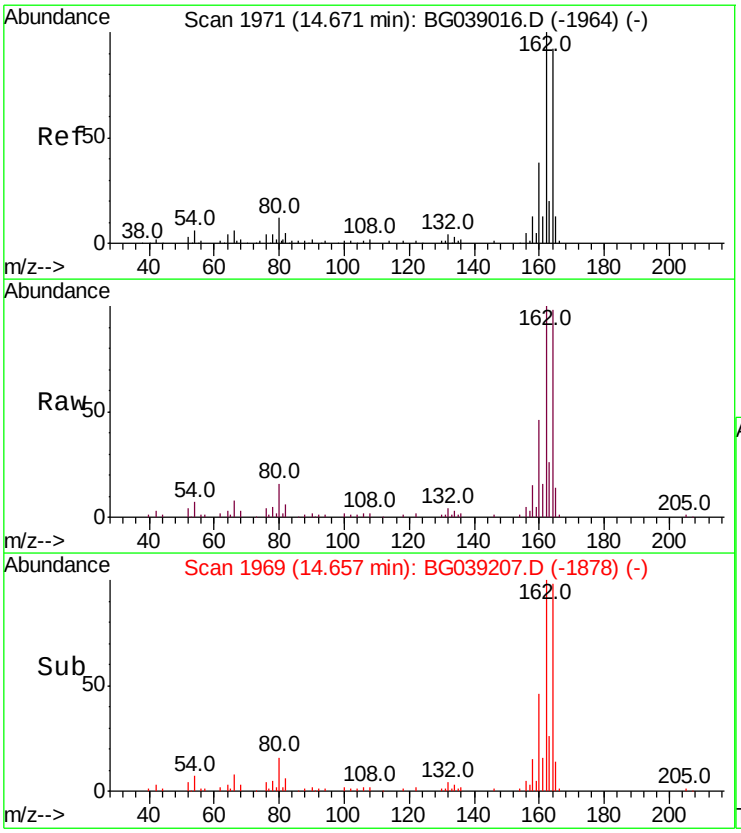
#23
Nitrobenzene-d5
Concen: 82.356 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion: 82 Resp: 124203

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.3	55.9
54	59.5	46.4	69.6

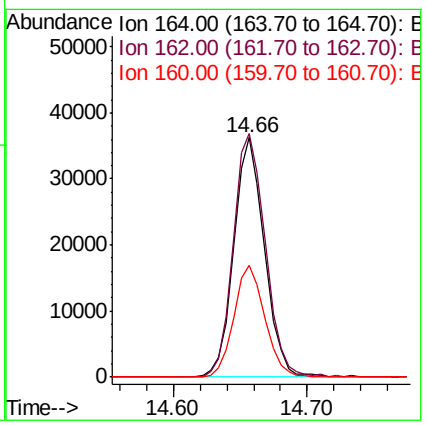


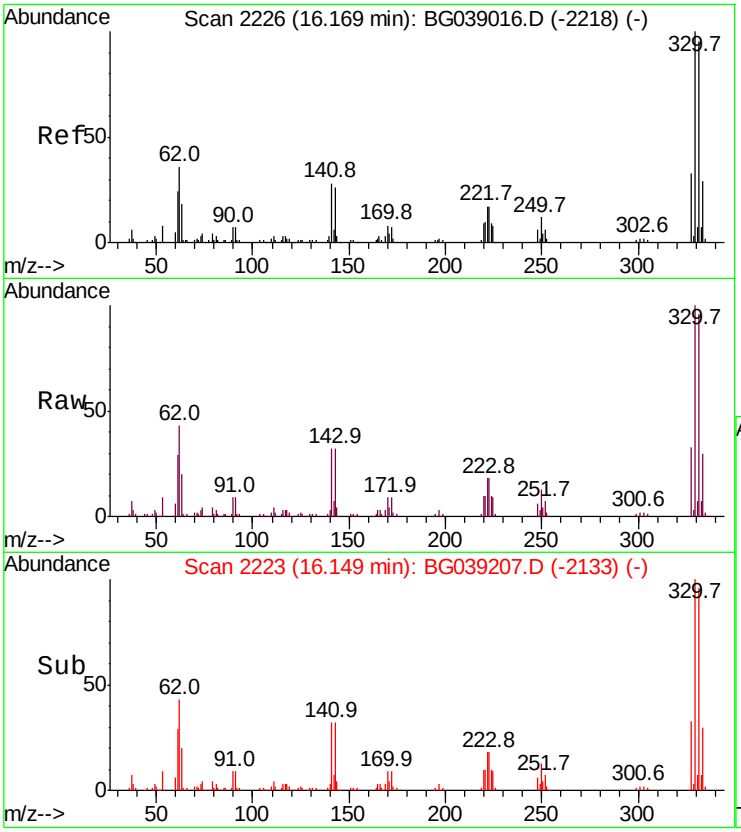


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:164 Resp: 57394

Ion	Ratio	Lower	Upper
164	100		
162	101.7	87.2	130.8
160	46.7	33.3	49.9



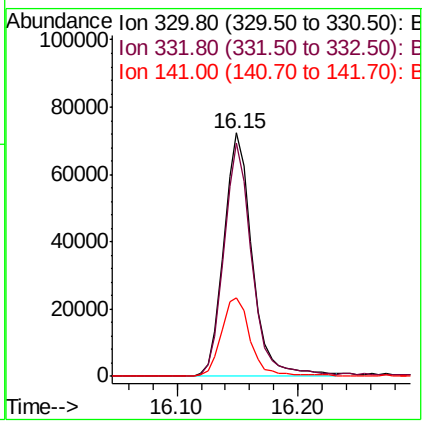


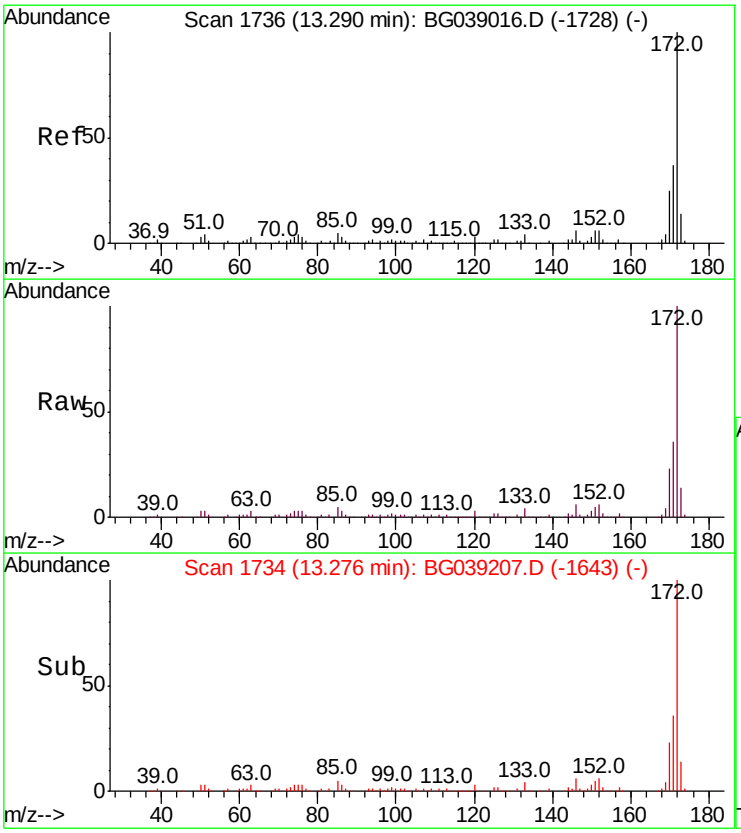
#42
2,4,6-Tribromophenol
Concen: 123.109 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion:330 Resp: 118441

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	33.2	24.9	37.3

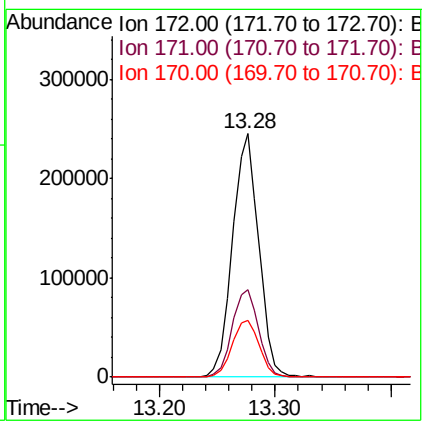


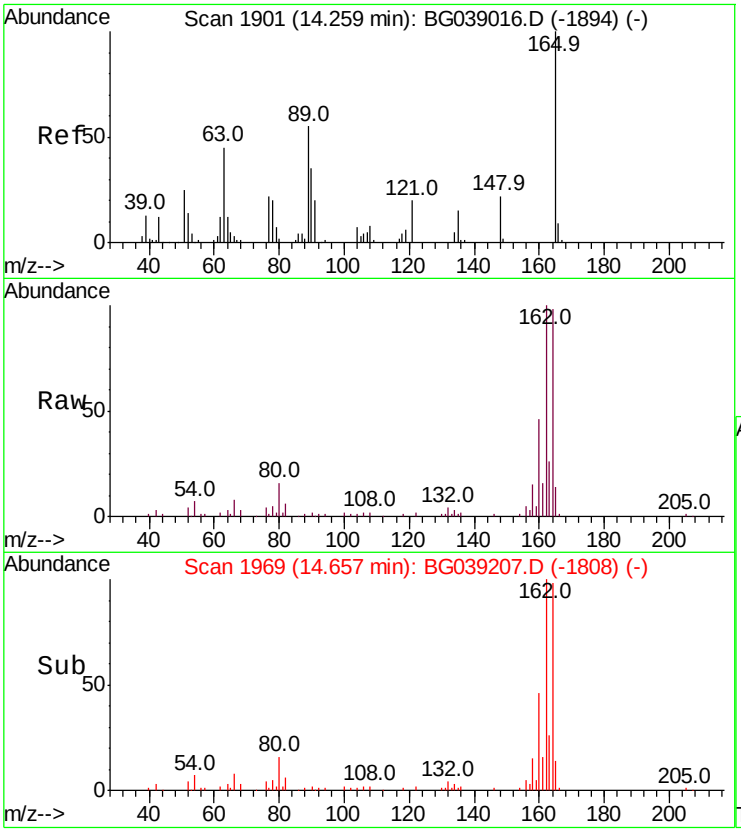


#45
2-Fluorobiphenyl
Concen: 91.633 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:172 Resp: 384285

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.1	20.1	30.1



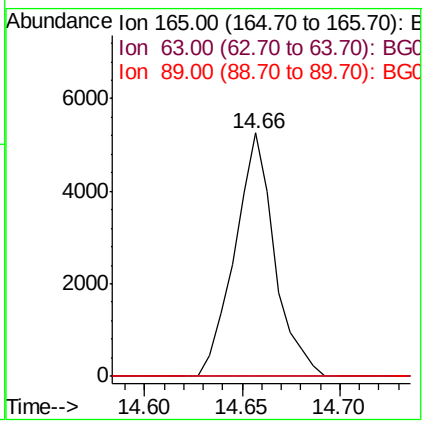


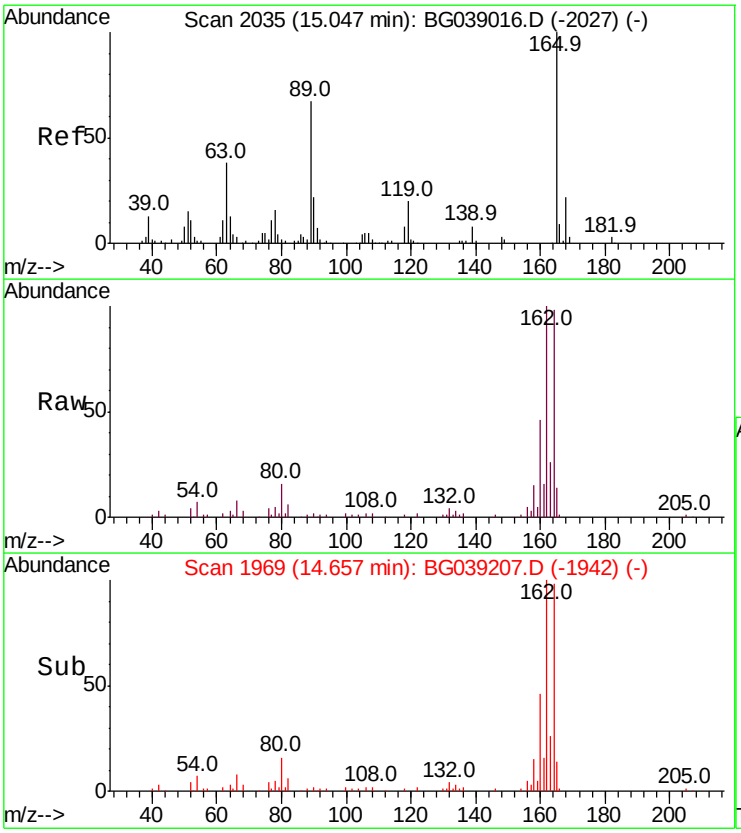
#51
2,6-Dinitrotoluene
Concen: 6.840 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.41 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion:165 Resp: 7417

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

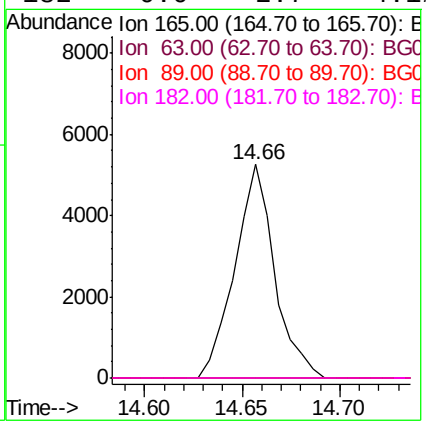


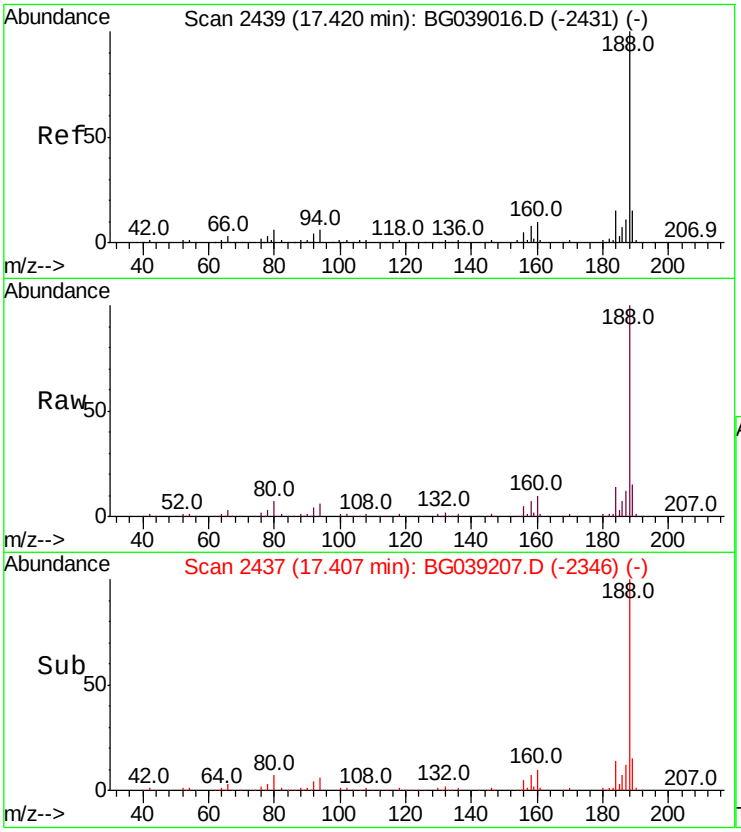


#57
2,4-Dinitrotoluene
Concen: 4.768 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:165 Resp: 7417

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



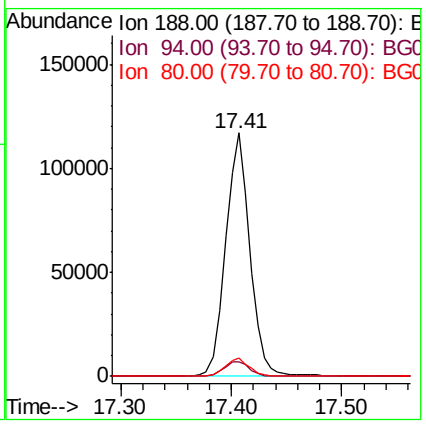


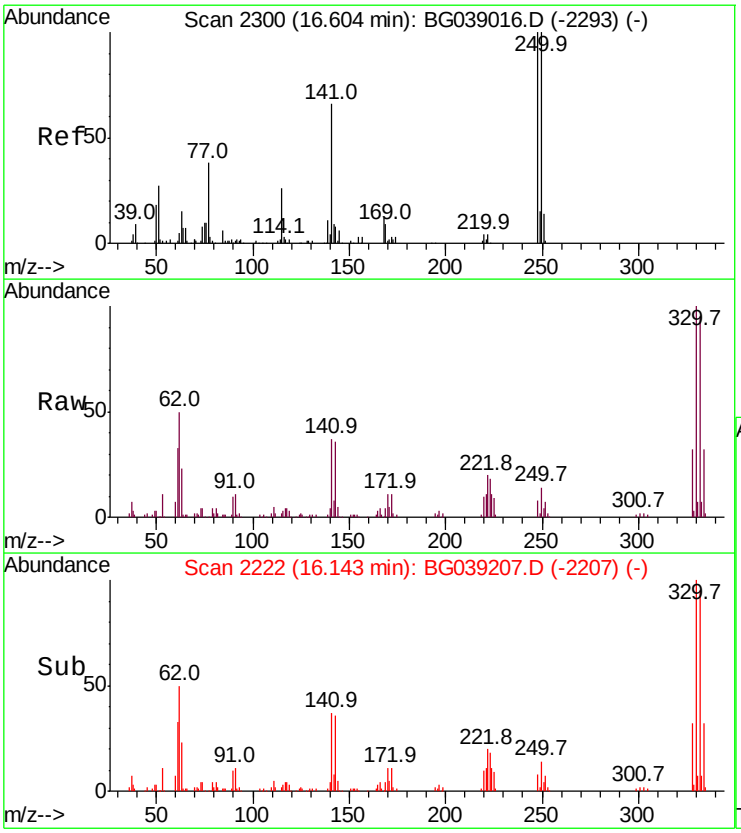
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion:188 Resp: 180109

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	7.3	4.7	7.1#

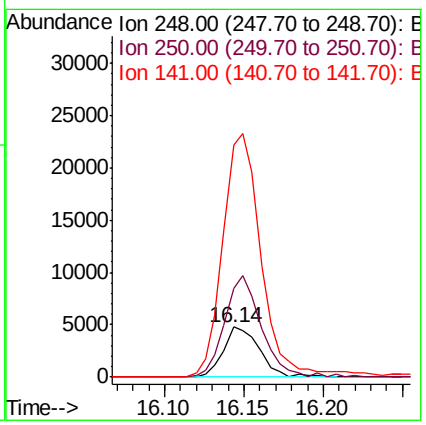


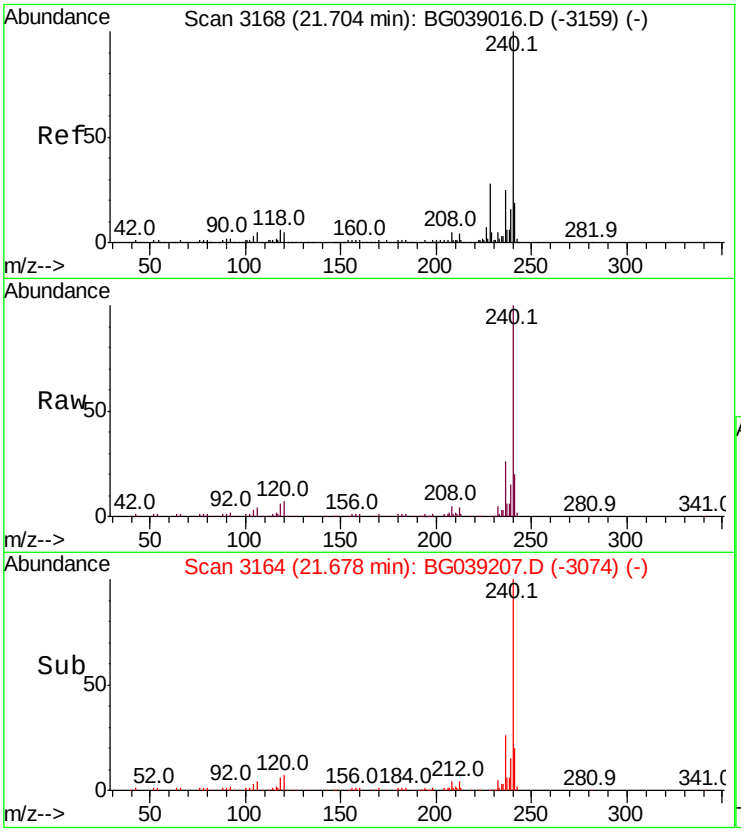


#67
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:248 Resp: 7629

Ion	Ratio	Lower	Upper
248	100		
250	179.9	79.9	119.9#
141	364.9	52.7	79.1#



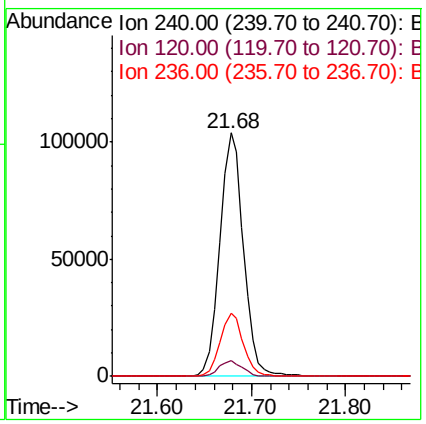


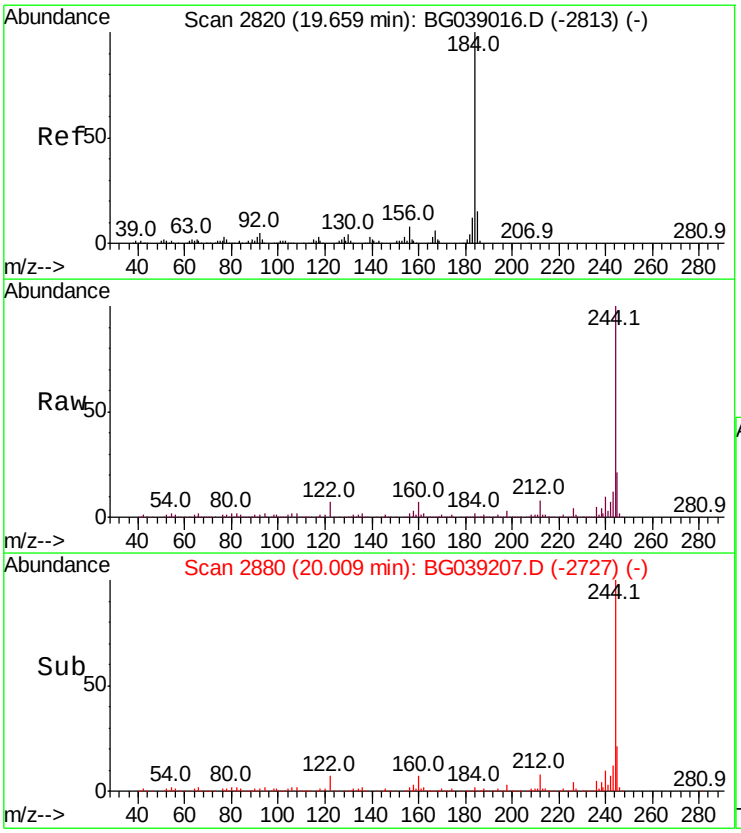
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion:240 Resp: 181996

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.3	6.5#
236	26.0	20.1	30.1

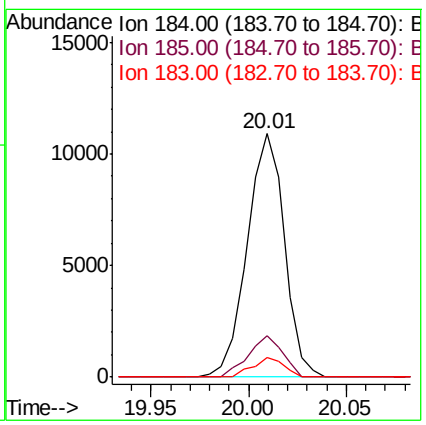


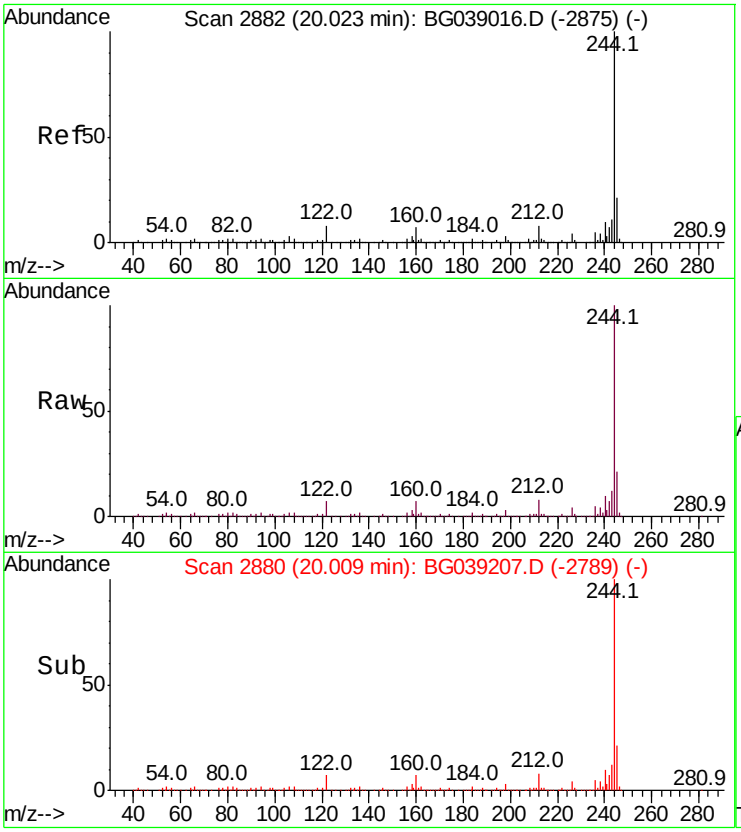


#77
Benzidine
Concen: 2.578 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.37 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:184 Resp: 14350

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.1	18.1
183	7.9	9.5	14.3#



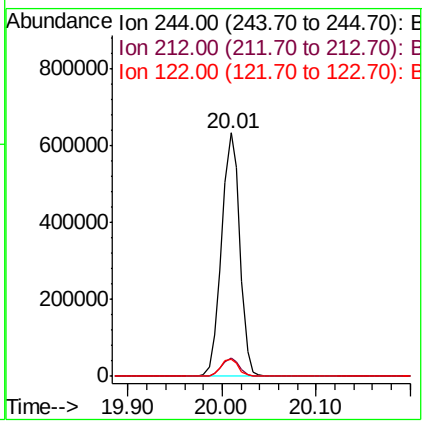


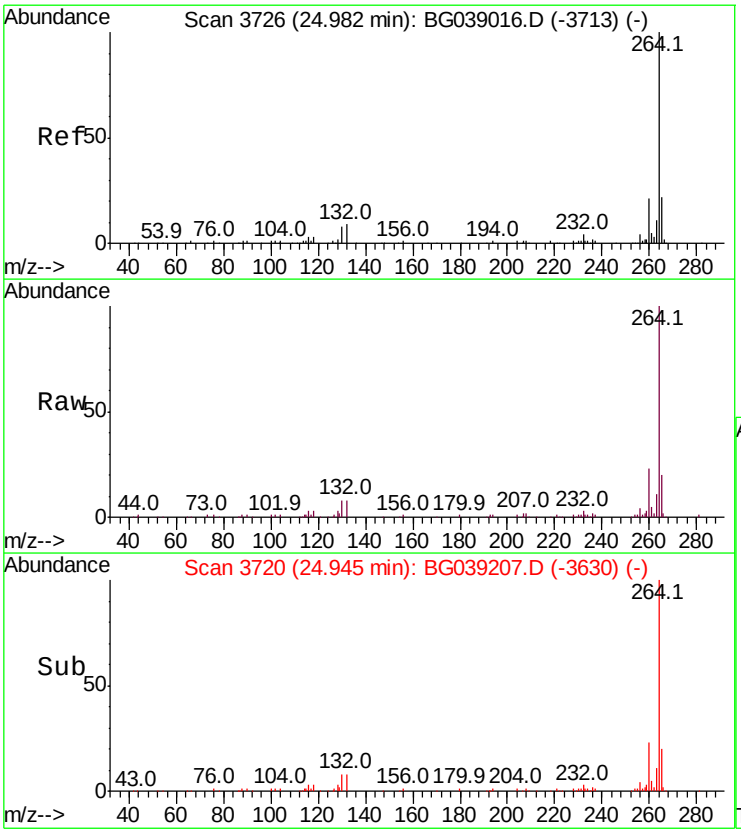
#79
Terphenyl-d14
Concen: 86.899 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tgt Ion:244 Resp: 854932

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.2	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion:264 Resp: 192734

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	19.8	17.2	25.8