Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
Data File : BG039046.D
Acq On : 10 Jan 2019 8:53
Operator : JU/SJ
Sample : K1006-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-03-010819-B

Quant Time: Jan 10 09:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19689	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	85616	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67864	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	210637	20.00	ng	0.00
76) Chrysene-d12	21.70	240	203983	20.00	ng	0.00
87) Perylene-d12	24.98	264	203306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	154328	148.69	ng	0.00
7) Phenol-d6	7.19	99	200114	133.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	143631	91.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	196667	172.88	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	410226	82.73	ng	0.00
79) Terphenyl-d14	20.02	244	1175923	106.64	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	19172	19.546	ng	# 67
51) 2,6-Dinitrotoluene	14.67	165	8679	6.769	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	8679	4.718	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	12475	4.607	ng	# 1
77) Benzidine	20.02	184	19332	3.099	ng	# 94

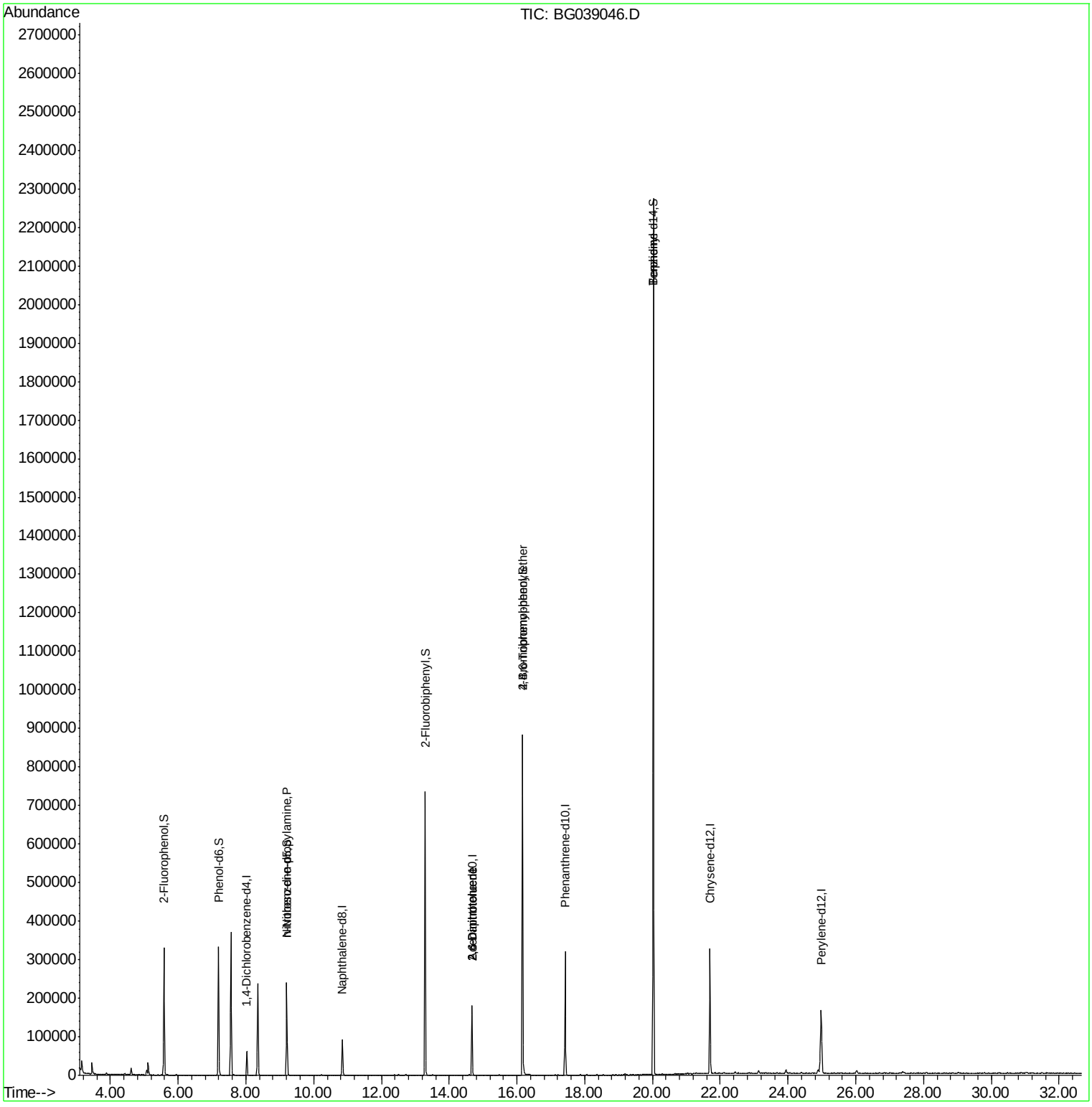
(#) = qualifier out of range (m) = manual integration (+) = signals summed

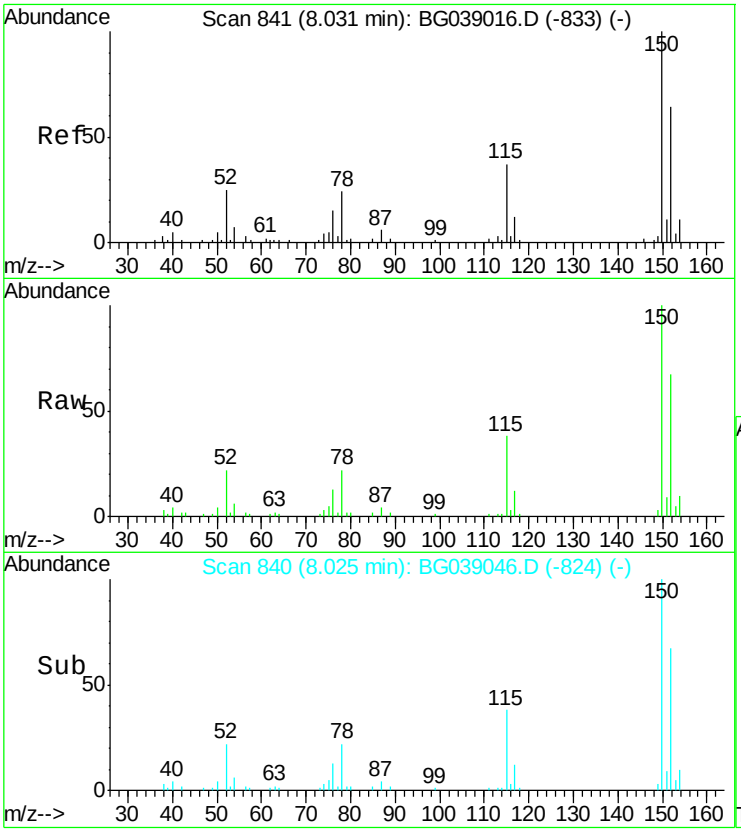
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
Data File : BG039046.D
Acq On : 10 Jan 2019 8:53
Operator : JU/SJ
Sample : K1006-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Quant Time: Jan 10 09:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



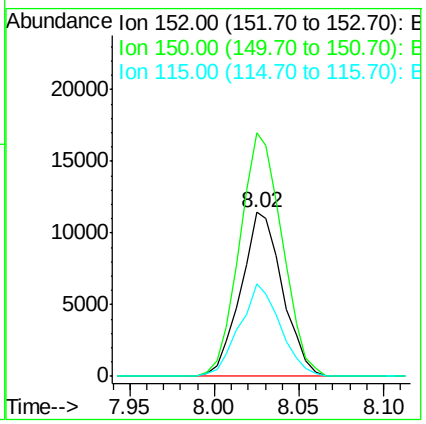


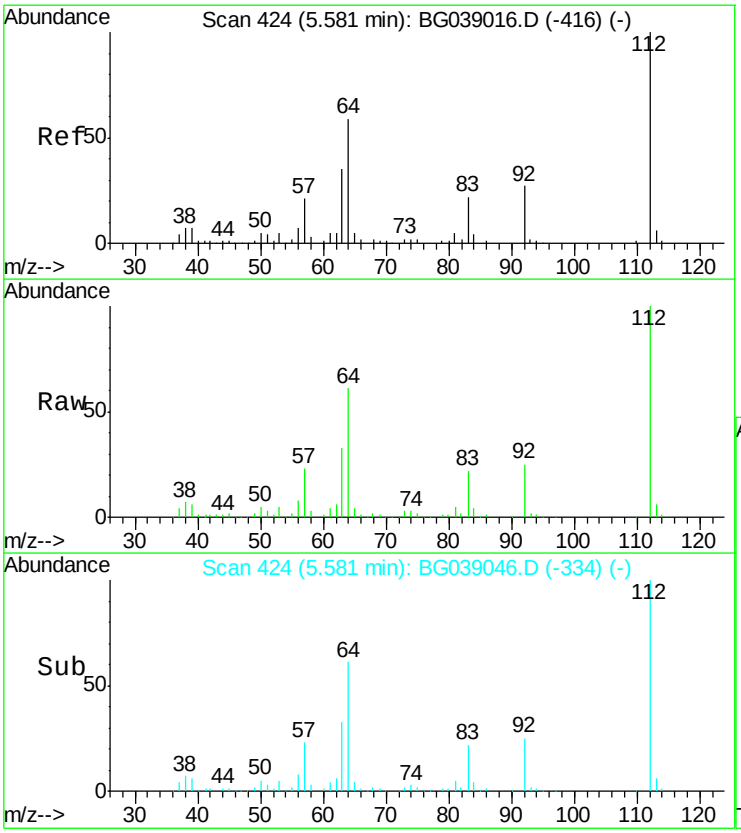
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:152 Resp: 19689

Ion	Ratio	Lower	Upper
152	100		
150	148.4	124.7	187.1
115	56.2	46.5	69.7

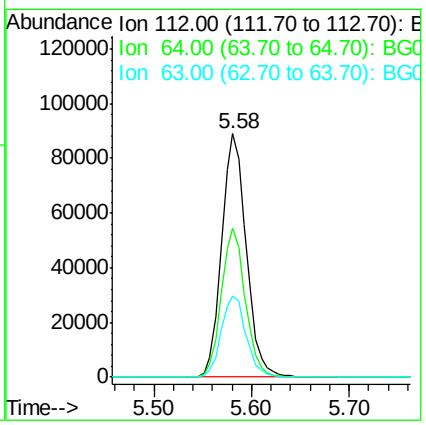


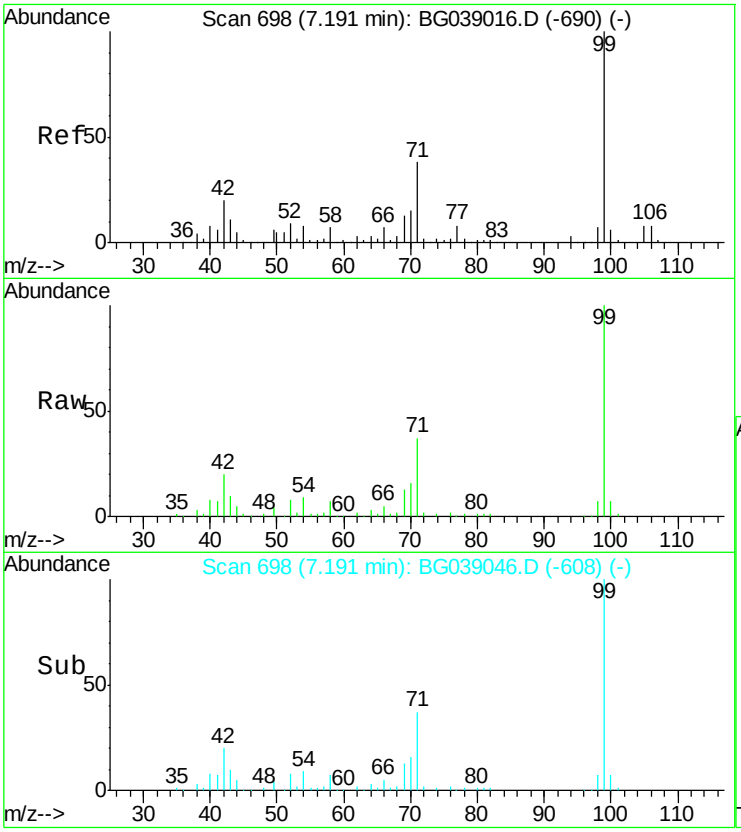


#5
2-Fluorophenol
Concen: 148.691 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:112 Resp: 154328

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.0	70.6
63	33.4	28.0	42.0



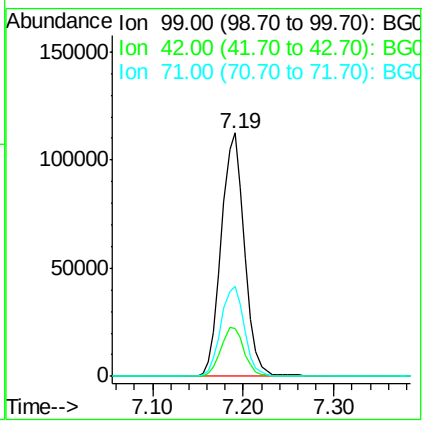


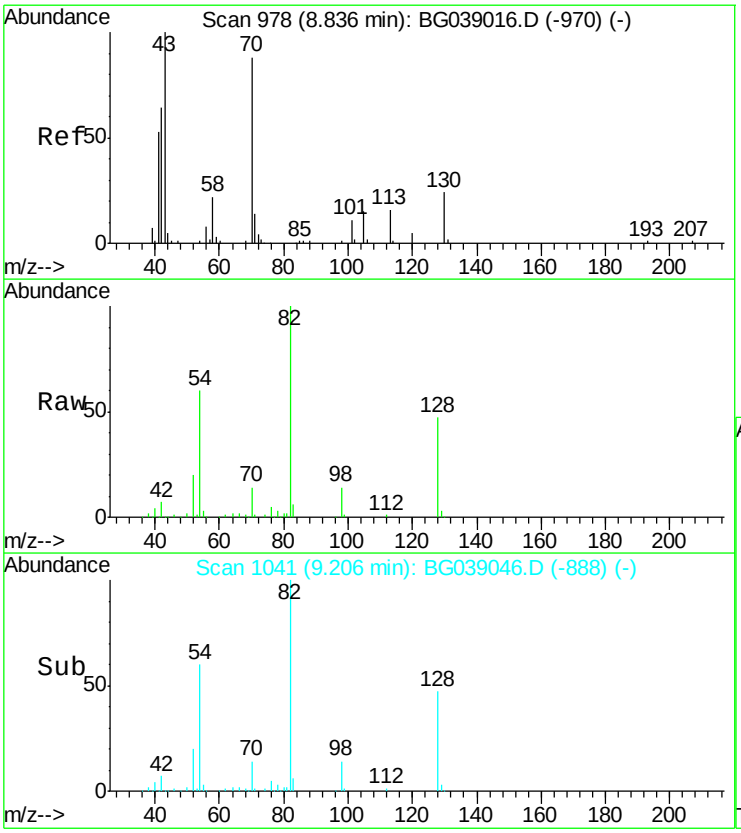
#7
Phenol-d6
Concen: 133.973 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion: 99 Resp: 200114

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	37.2	30.2	45.4

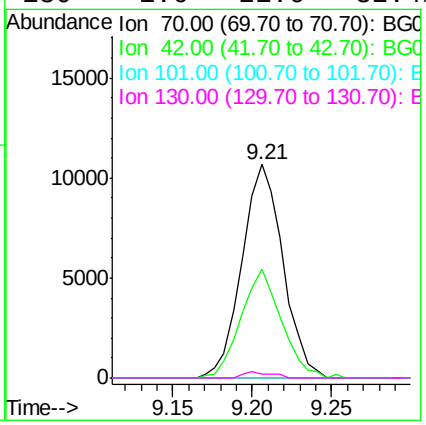


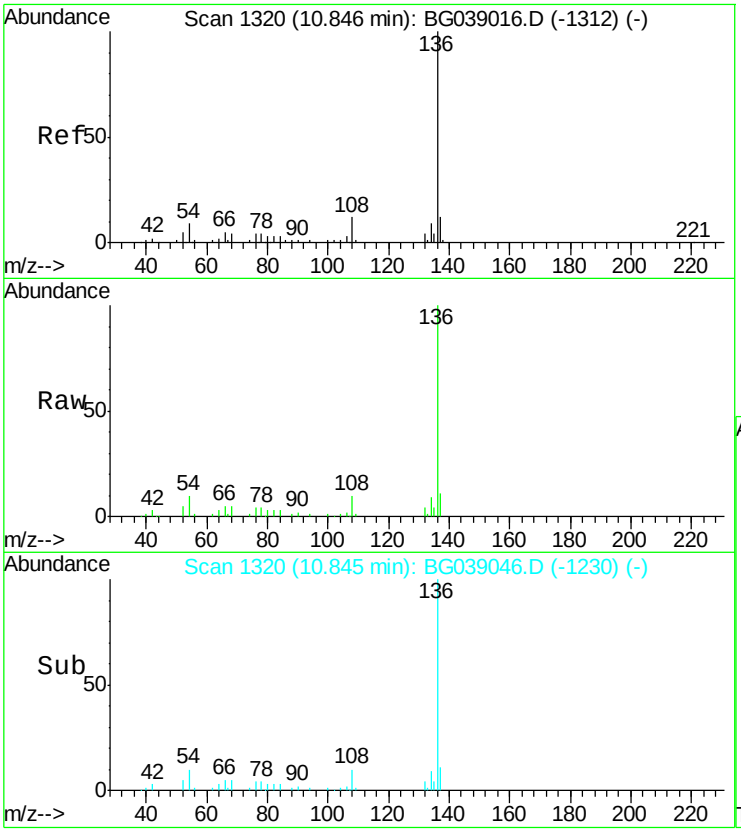


#19
n-Nitroso-di-n-propylamine
Concen: 19.546 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion: 70 Resp: 19172

Ion	Ratio	Lower	Upper
70	100		
42	50.9	59.0	88.4#
101	0.0	10.4	15.6#
130	1.6	21.6	32.4#



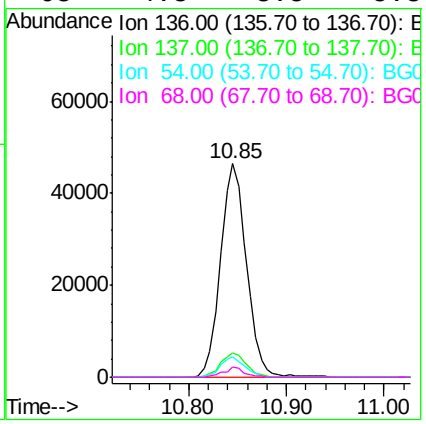


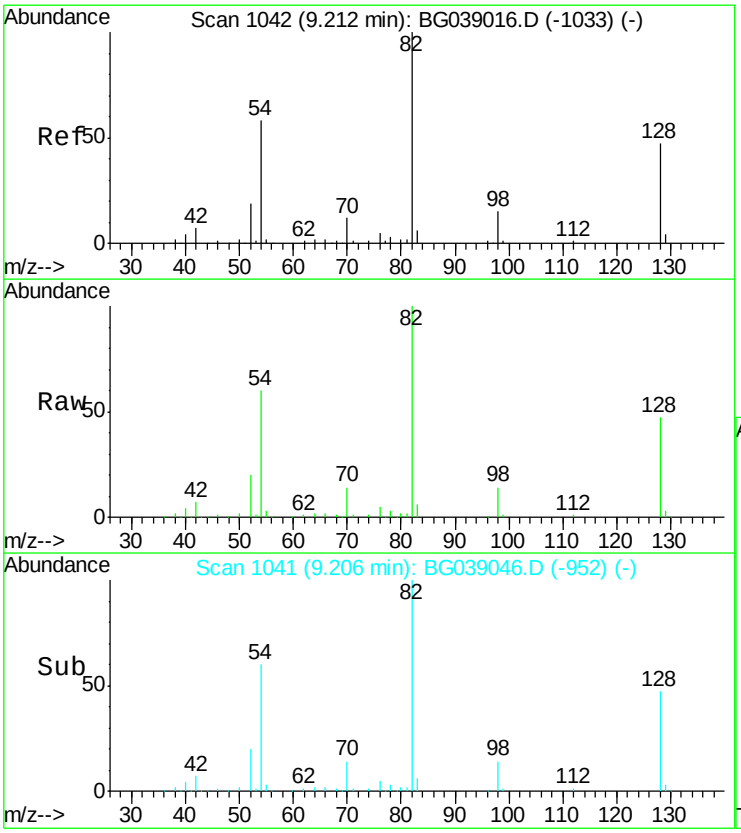
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:136 Resp: 85616

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	9.8	7.2	10.8
68	4.8	3.5	5.3

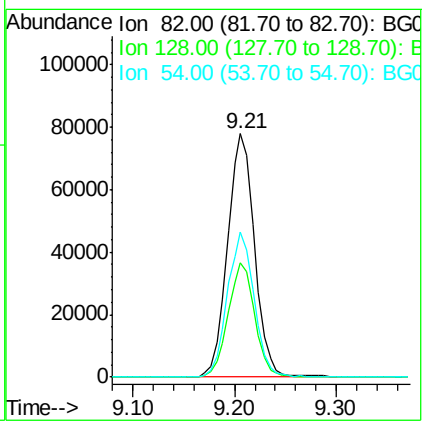


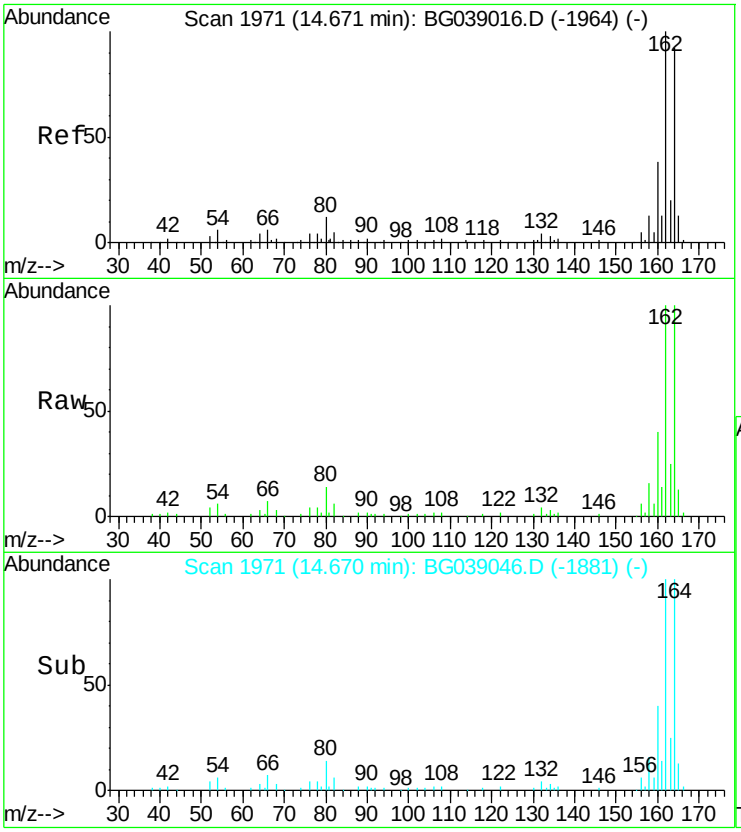


#23
Nitrobenzene-d5
Concen: 91.798 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion: 82 Resp: 143631

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.3	55.9
54	59.8	46.4	69.6



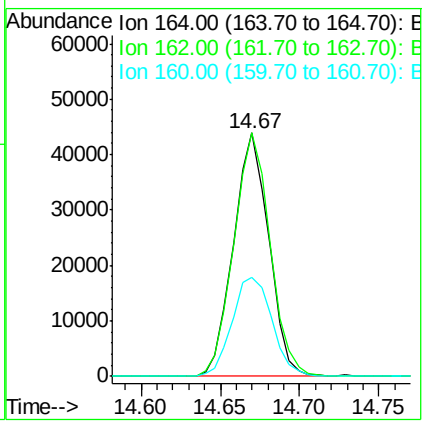


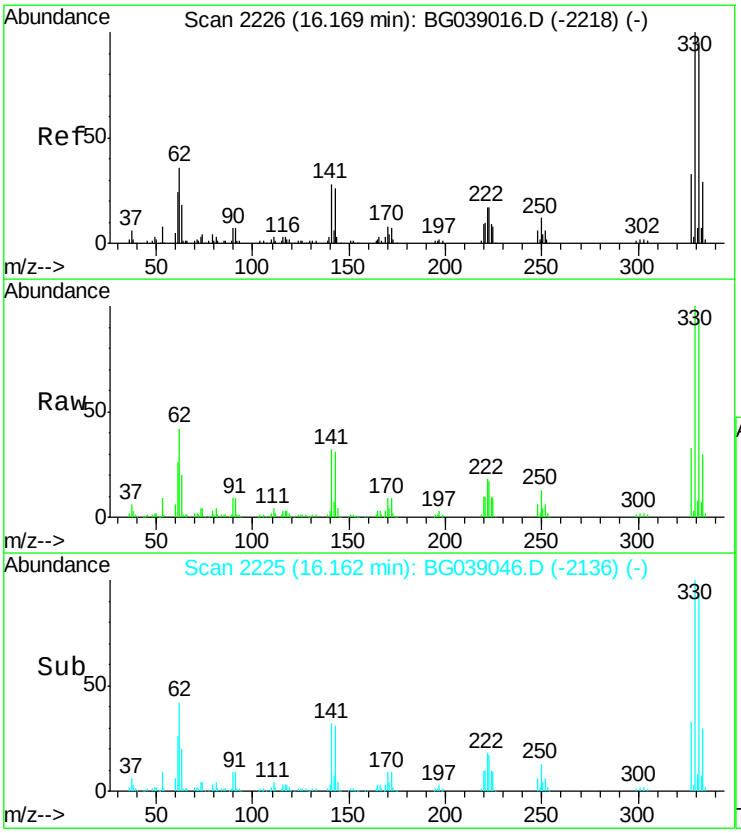
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:164 Resp: 67864

Ion	Ratio	Lower	Upper
164	100		
162	99.9	87.2	130.8
160	40.4	33.3	49.9

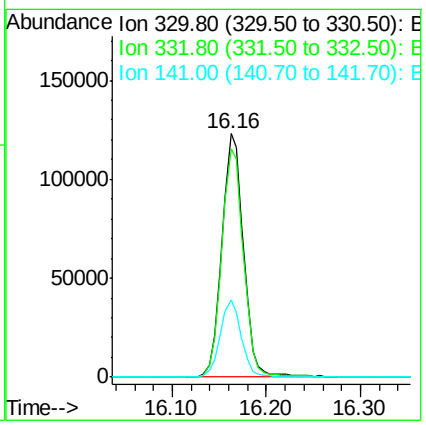


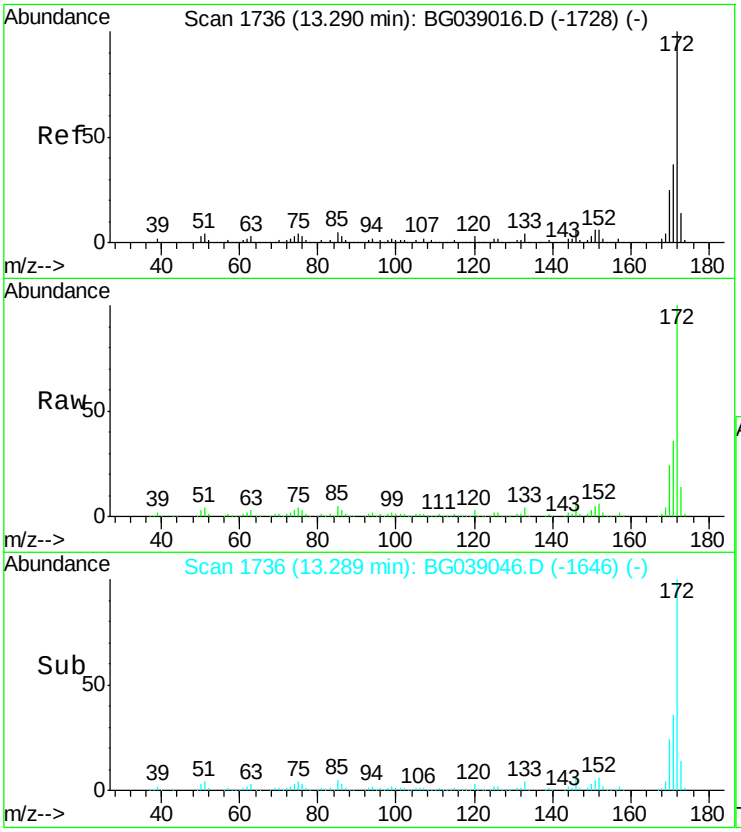


#42
2,4,6-Tribromophenol
Concen: 172.881 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:330 Resp: 196667

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	31.3	24.9	37.3



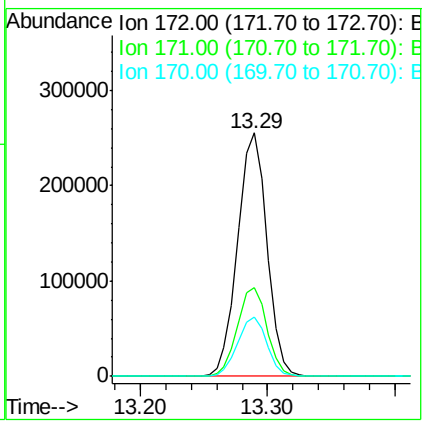


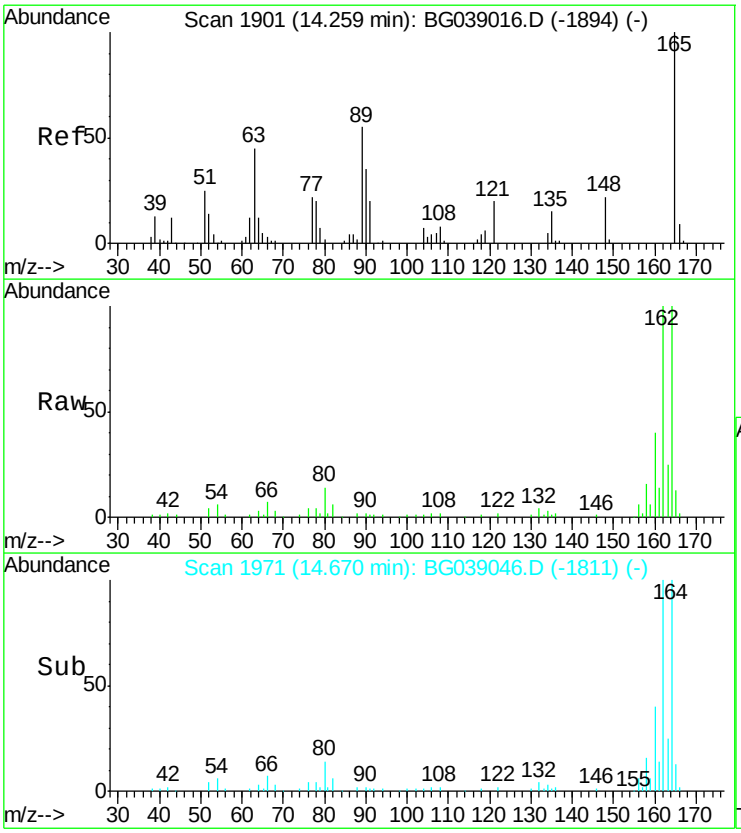
#45
2-Fluorobiphenyl
Concen: 82.727 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:172 Resp: 410226

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.1	30.1

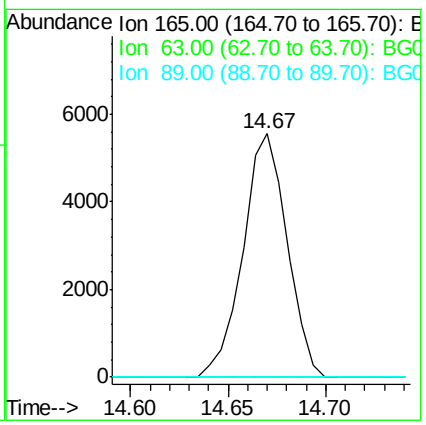


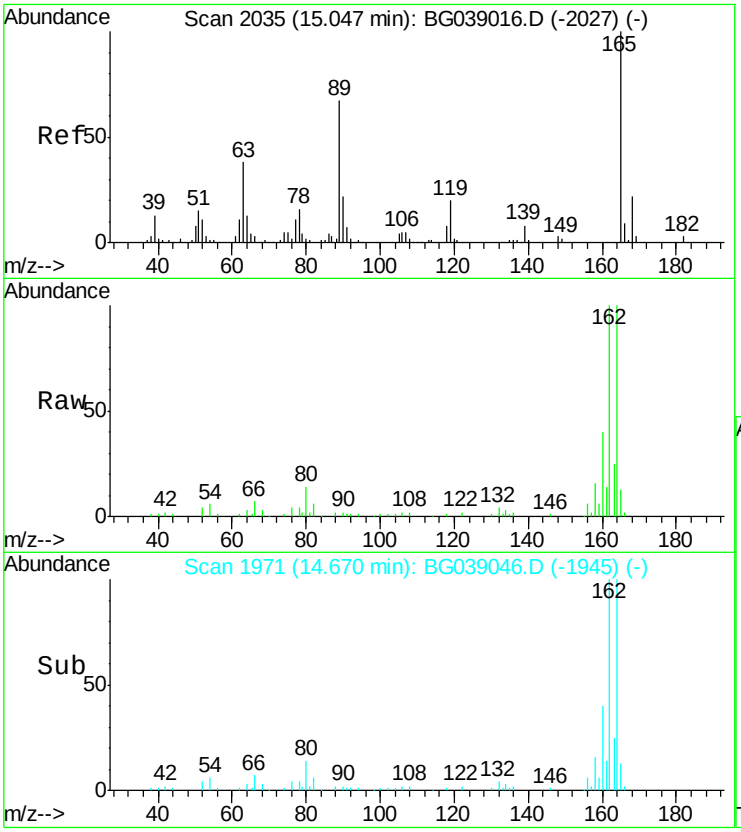


#51
2,6-Dinitrotoluene
Concen: 6.769 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.41 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:165 Resp: 8679

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



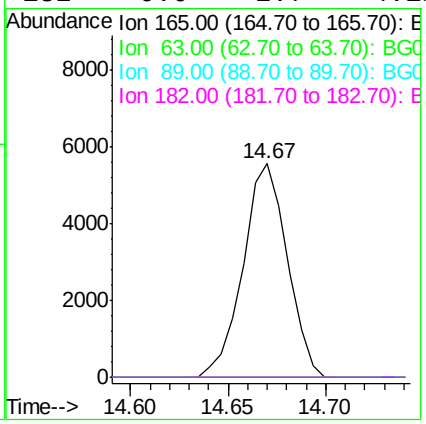


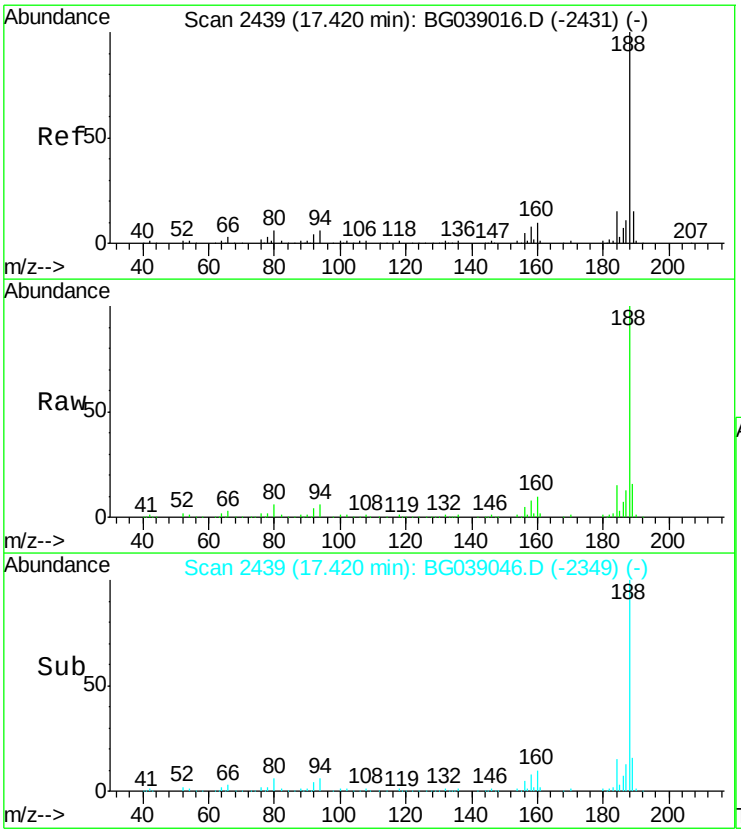
#57
2,4-Dinitrotoluene
Concen: 4.718 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:165 Resp: 8679

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#

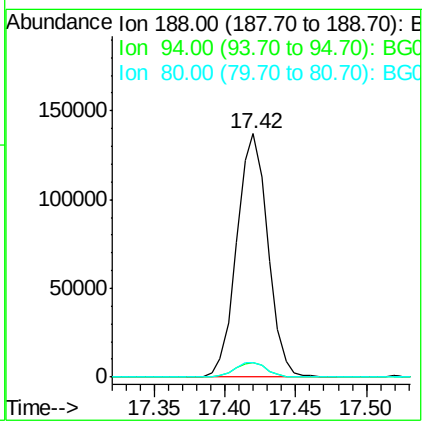


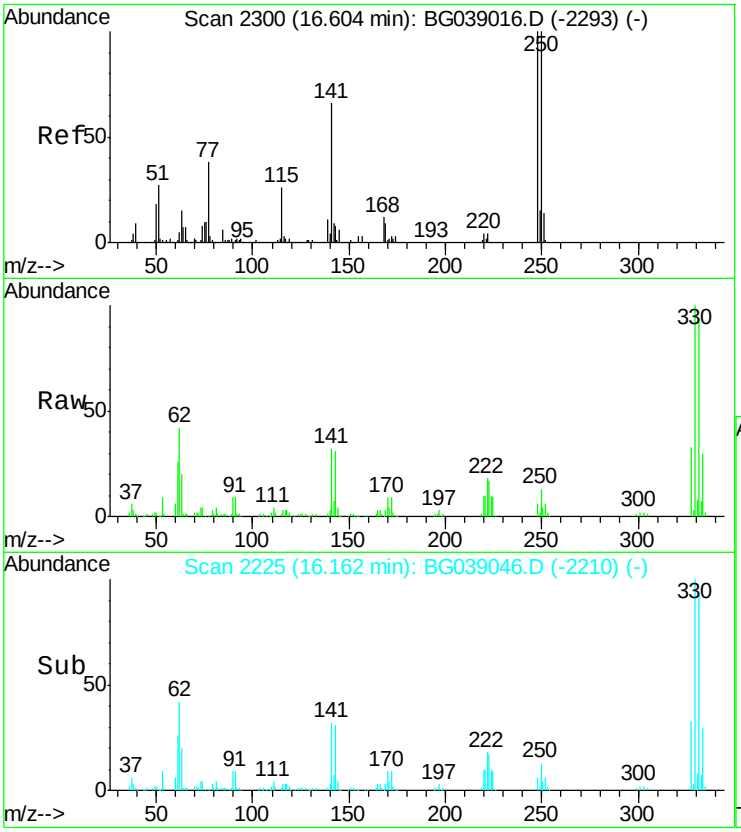


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:188 Resp: 210637

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	6.0	4.7	7.1



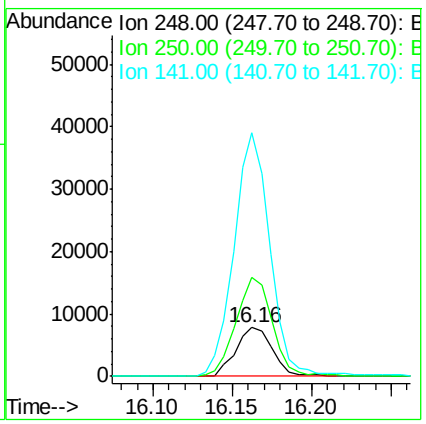


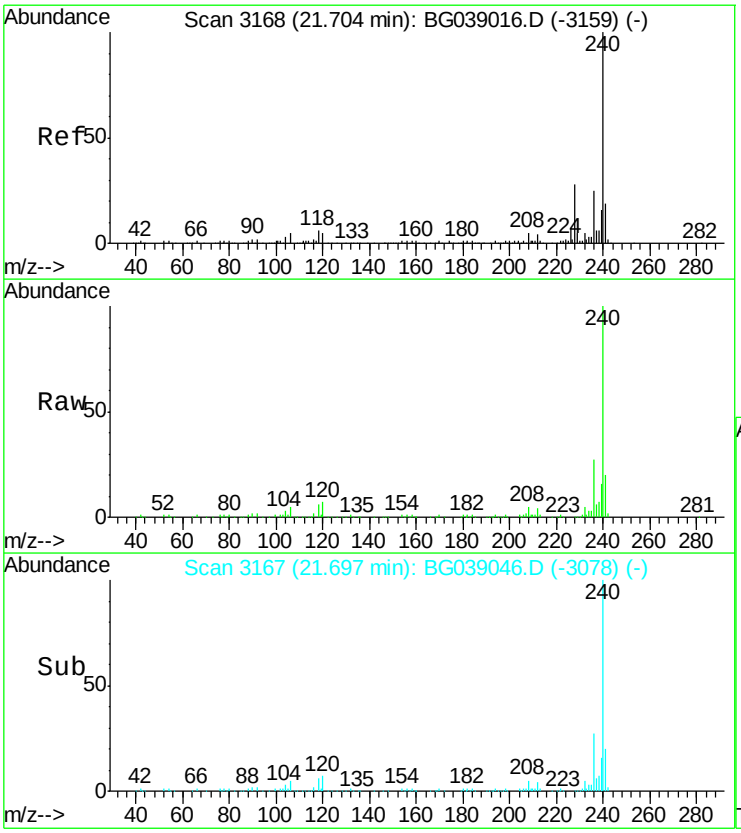
#67
4-Bromophenyl-phenylether
Concen: 4.607 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:248 Resp: 12475

Ion	Ratio	Lower	Upper
248	100		
250	264.8	79.9	119.9#
141	502.3	52.7	79.1#

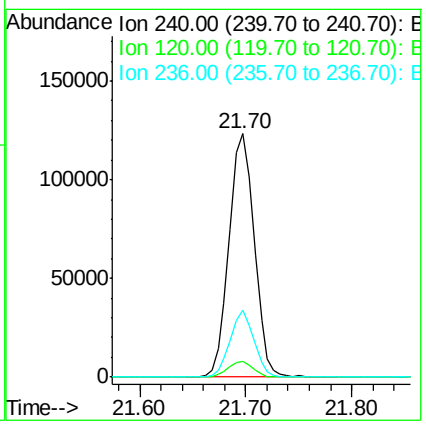


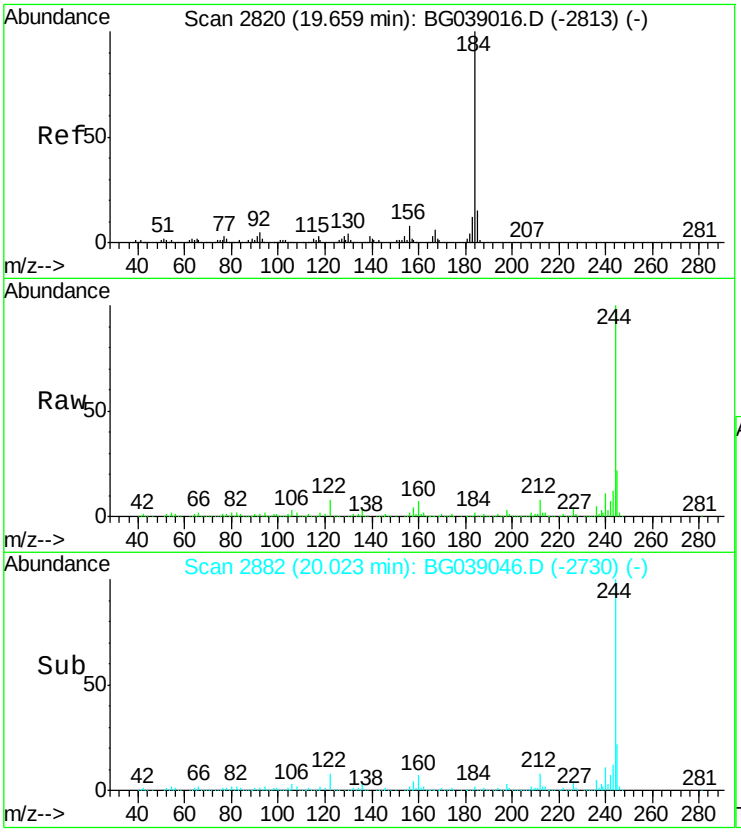


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:240 Resp: 203983

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.3	6.5#
236	27.5	20.1	30.1



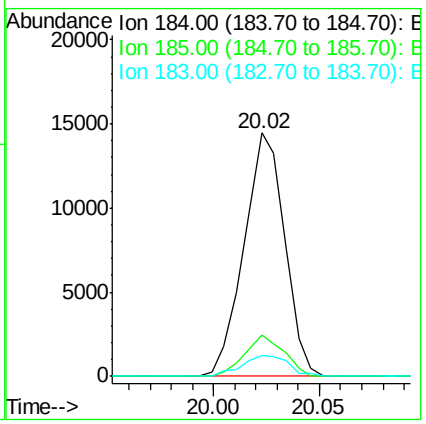


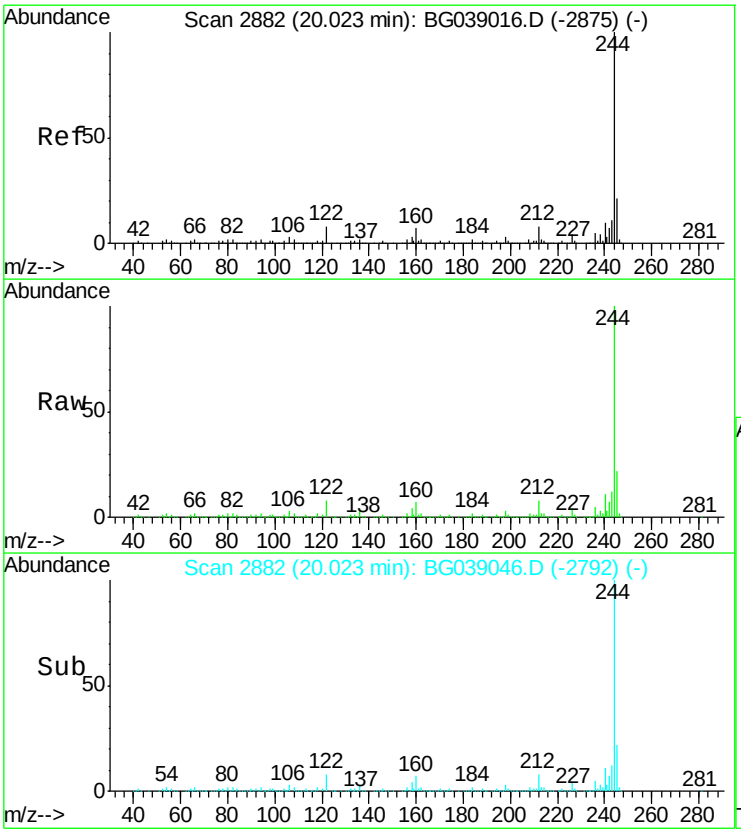
#77
Benzidine
Concen: 3.099 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:184 Resp: 19332

Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.1	18.1
183	8.8	9.5	14.3#

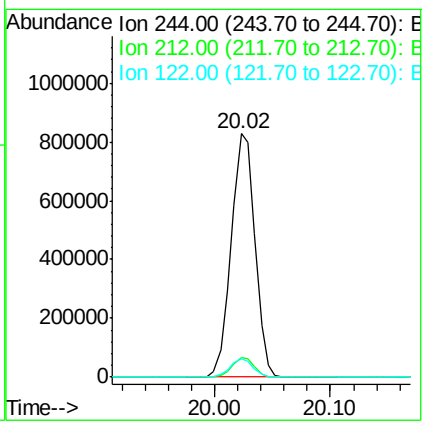


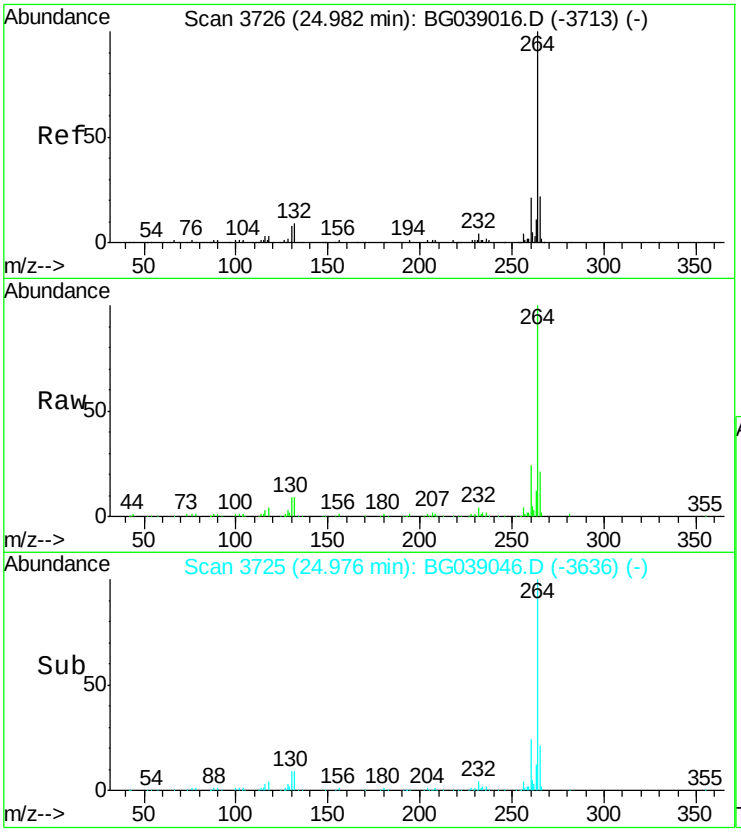


#79
Terphenyl-d14
Concen: 106.643 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:244 Resp: 1175923

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	7.8	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:264 Resp: 203306

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.0	25.6
265	21.4	17.2	25.8