Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039206.D
Acq On : 18 Jan 2019 5:46
Operator : JU/SJ
Sample : K1157-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-05-011519

Quant Time: Jan 18 06:22:10 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	24451	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	90712	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	60848	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206677	20.00	ng	0.00
76) Chrysene-d12	21.68	240	193231	20.00	ng	0.00
87) Perylene-d12	24.95	264	213932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	201817	156.58	ng	0.00
7) Phenol-d6	7.18	99	207981	112.12	ng	0.00
23) Nitrobenzene-d5	9.19	82	147524	88.99	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	159203	156.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	457212	102.83	ng	0.00
79) Terphenyl-d14	20.01	244	1003636	96.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	18967	15.571	ng	# 69
51) 2,6-Dinitrotoluene	14.65	165	7971	6.934	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	7971	4.833	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	10611	3.994	ng	# 1
77) Benzidine	20.01	184	15899	2.690	ng	# 95

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

Quantitation Report (Not Reviewed)

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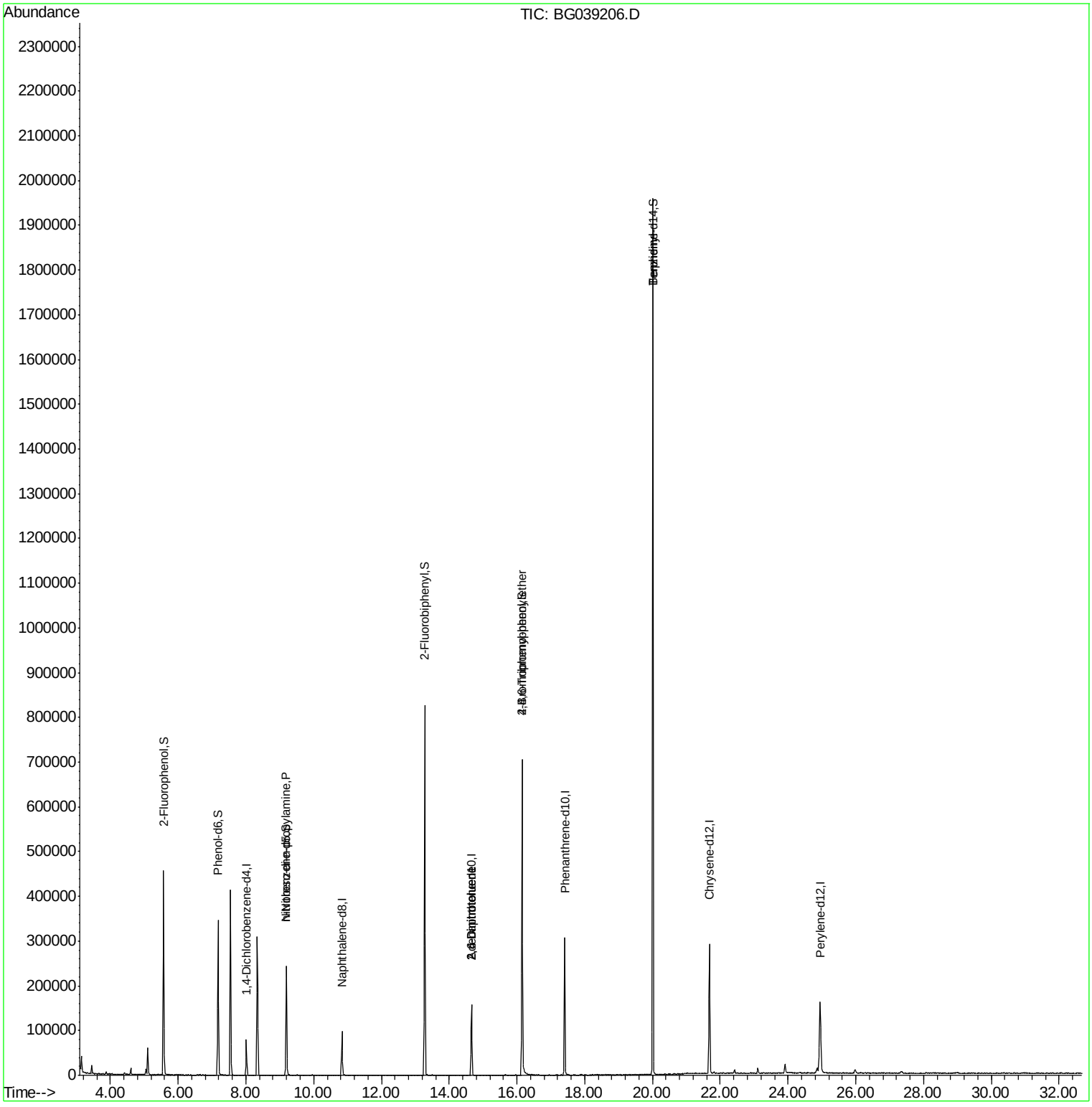
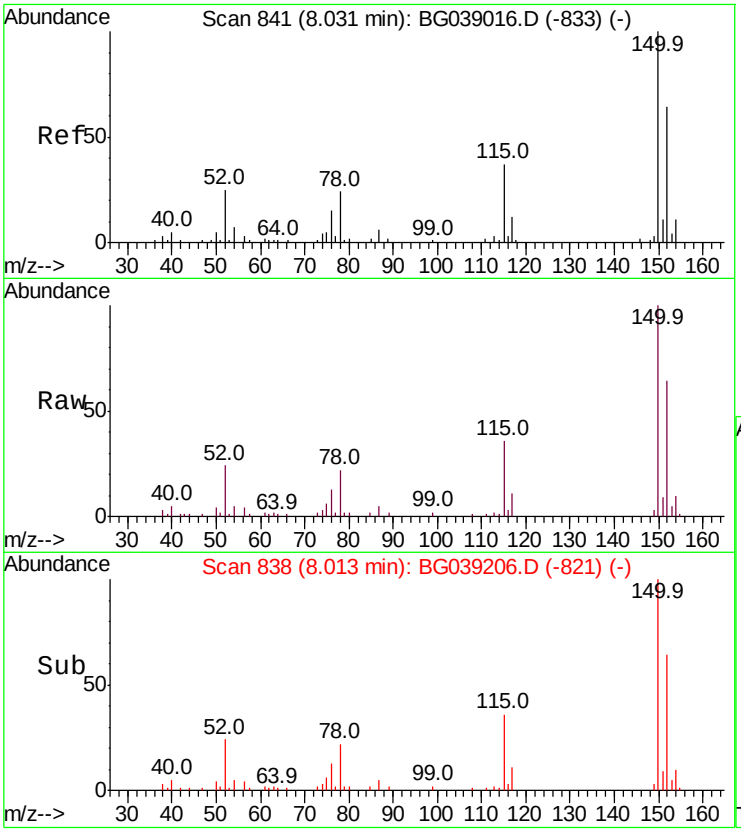


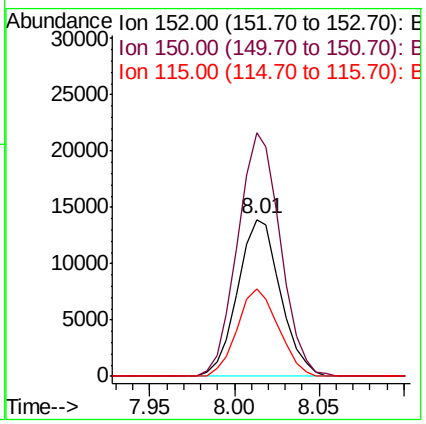


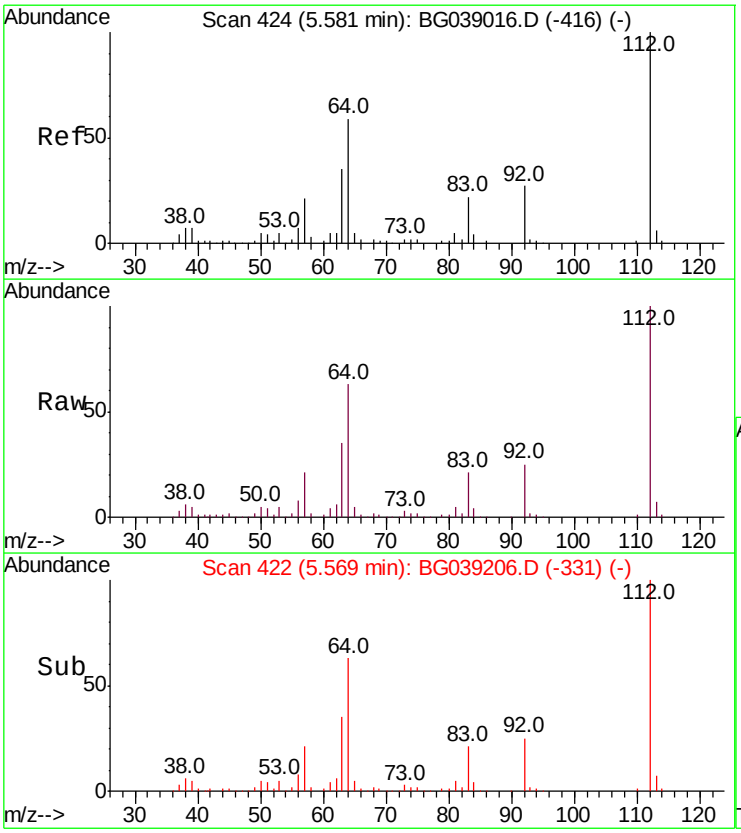
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:152 Resp: 24451

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	56.0	46.5	69.7

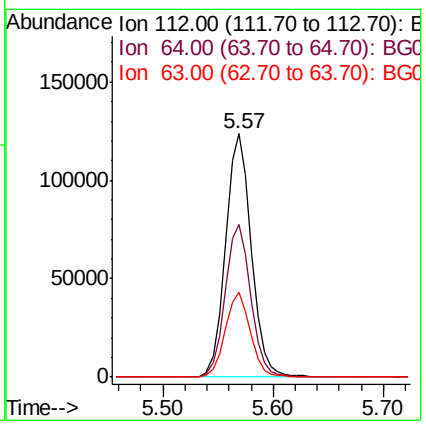


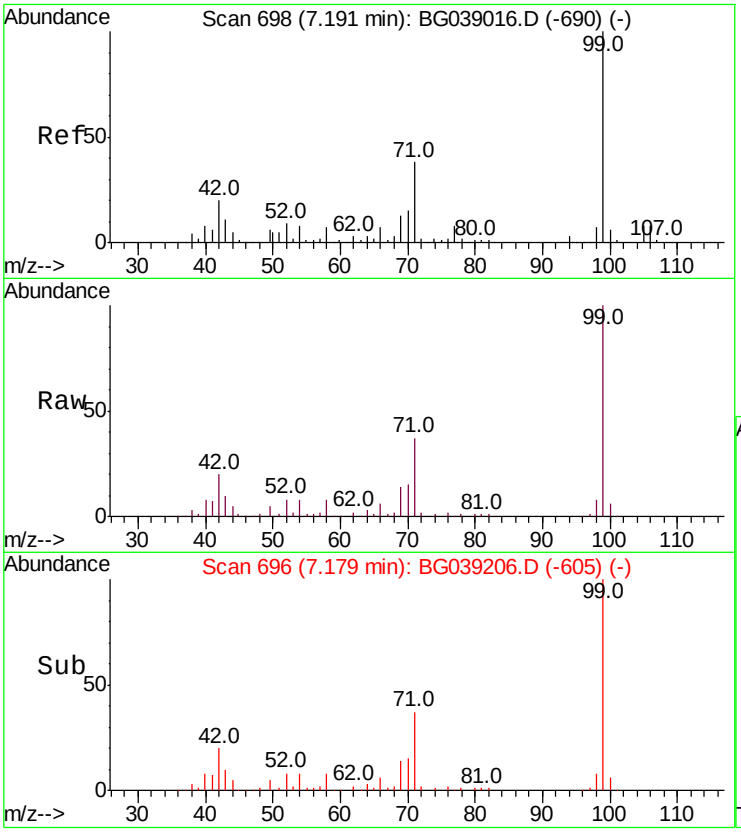


#5
2-Fluorophenol
Concen: 156.576 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:112 Resp: 201817

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.0	70.6
63	34.7	28.0	42.0



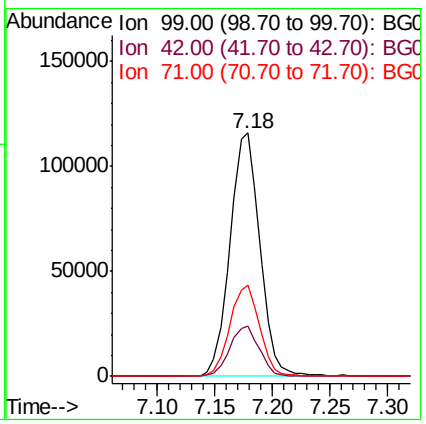


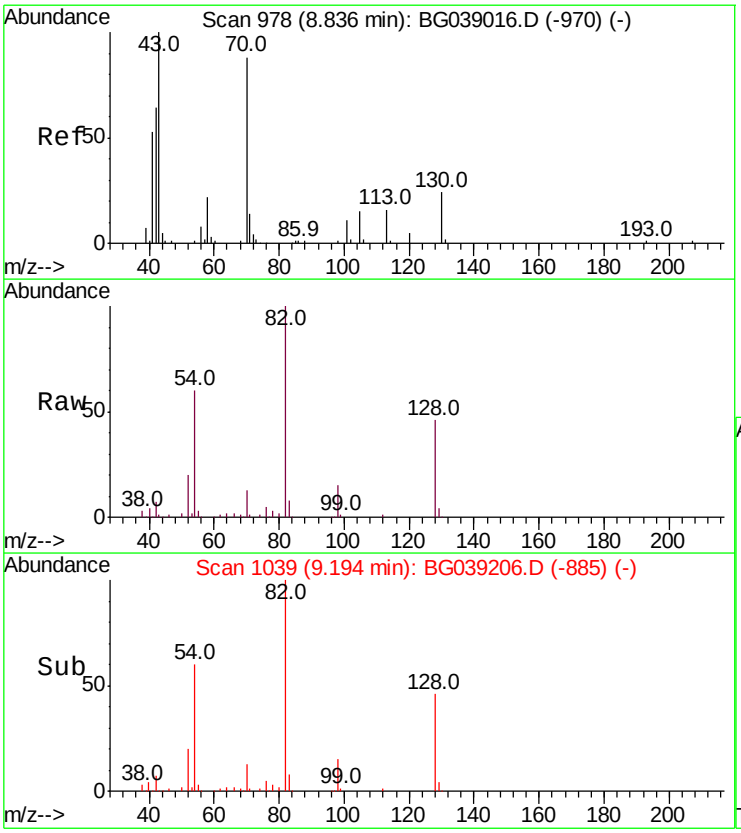
#7
Phenol-d6
Concen: 112.122 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion: 99 Resp: 207981

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.6
71	37.4	30.2	45.4

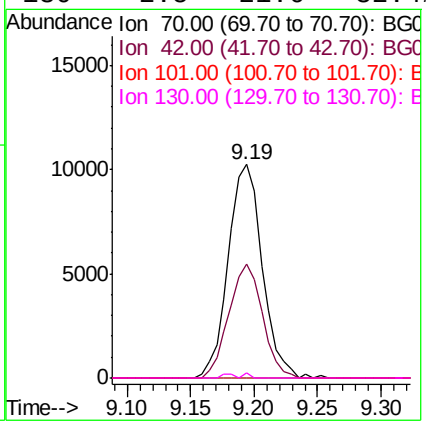


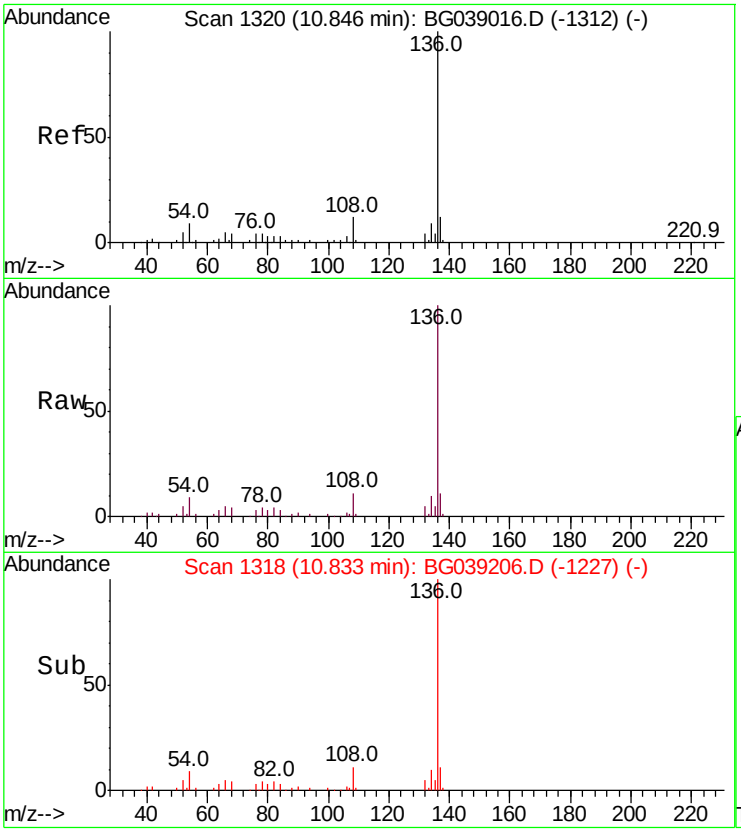


#19
n-Nitroso-di-n-propylamine
Concen: 15.571 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.37 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion: 70 Resp: 18967

Ion	Ratio	Lower	Upper
70	100		
42	53.5	59.0	88.4#
101	0.0	10.4	15.6#
130	2.5	21.6	32.4#



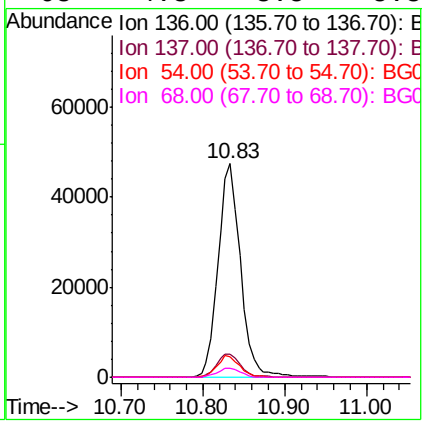


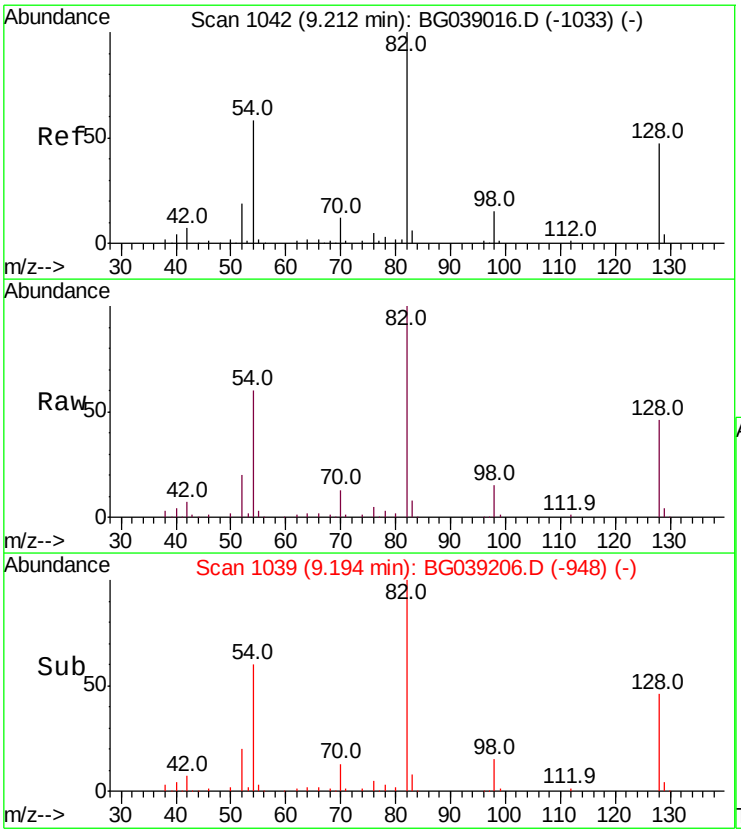
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:136 Resp: 90712

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	9.4	7.2	10.8
68	4.3	3.5	5.3

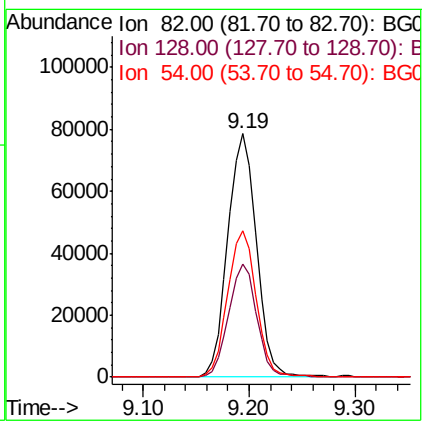


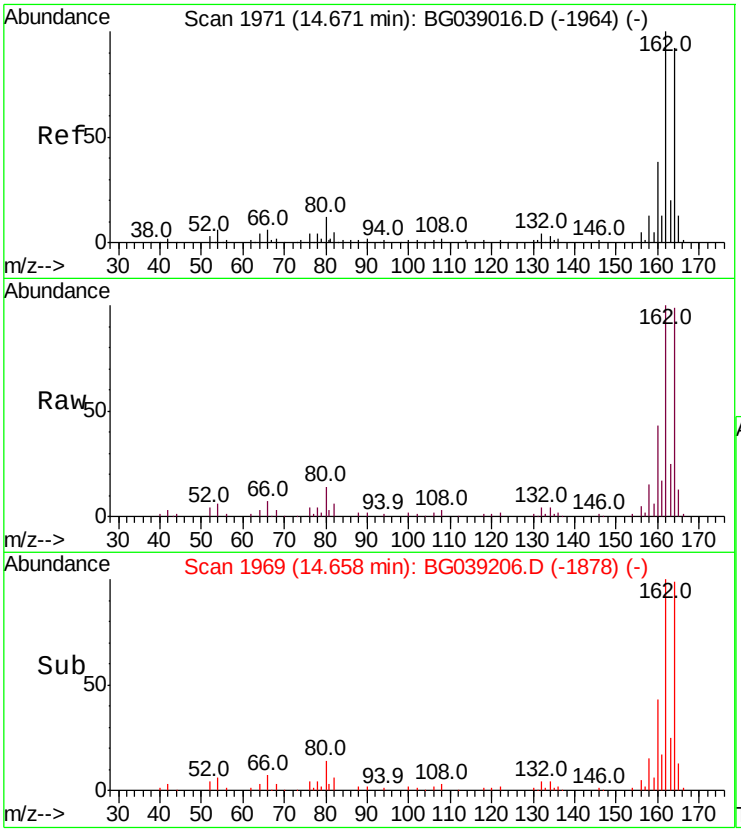


#23
Nitrobenzene-d5
Concen: 88.990 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion: 82 Resp: 147524

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.3	55.9
54	60.0	46.4	69.6



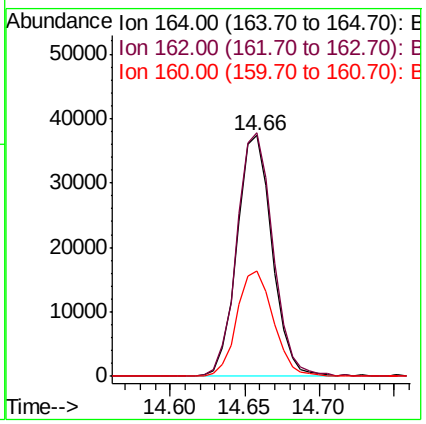


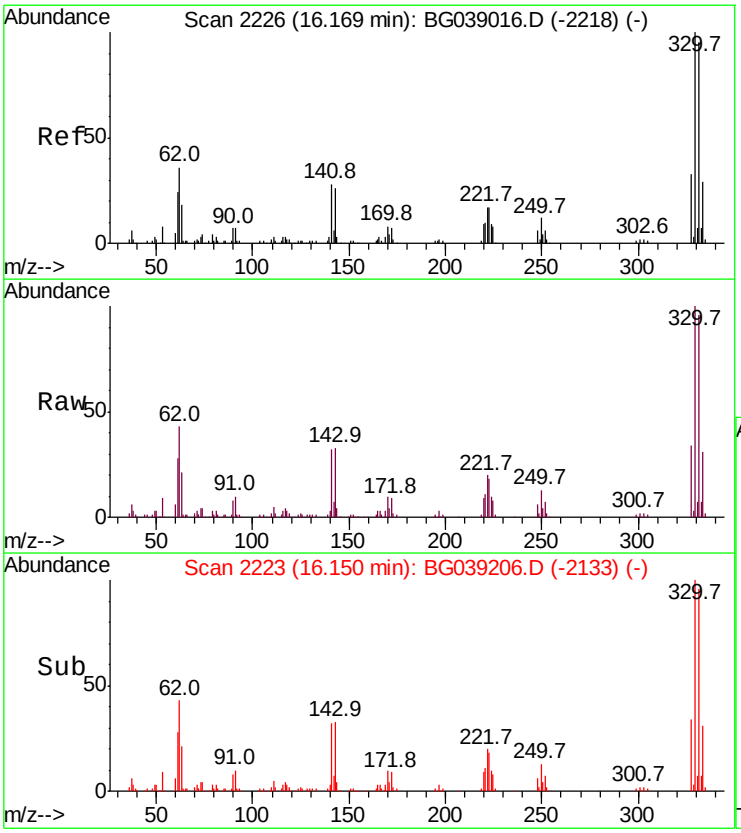
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:164 Resp: 60848

Ion	Ratio	Lower	Upper
164	100		
162	101.1	87.2	130.8
160	43.6	33.3	49.9

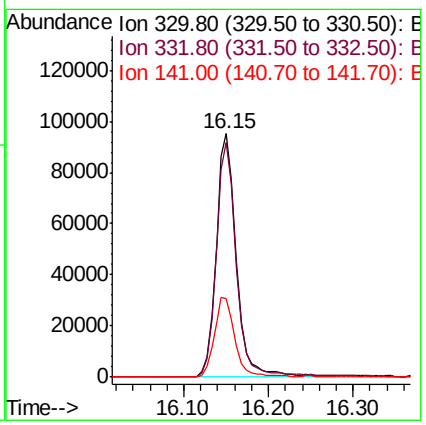


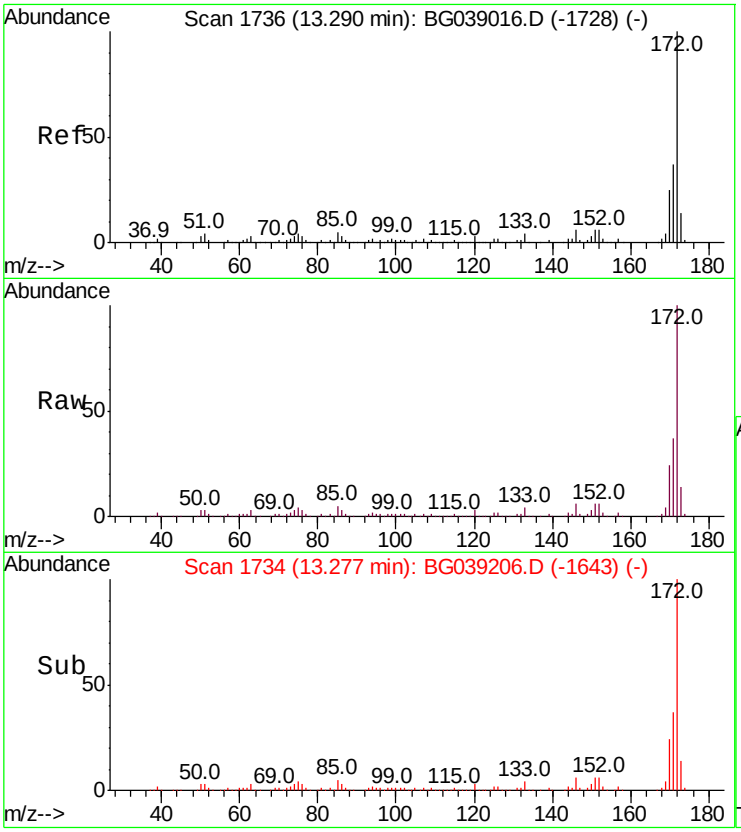


#42
2,4,6-Tribromophenol
Concen: 156.084 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:330 Resp: 159203

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	33.6	24.9	37.3



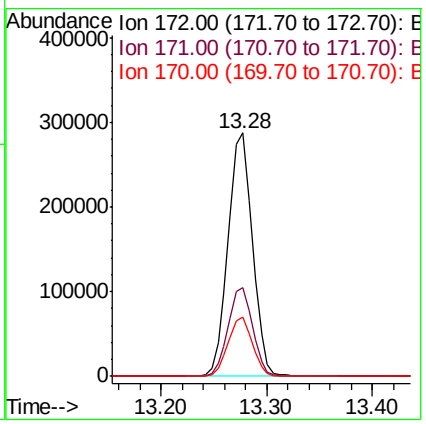


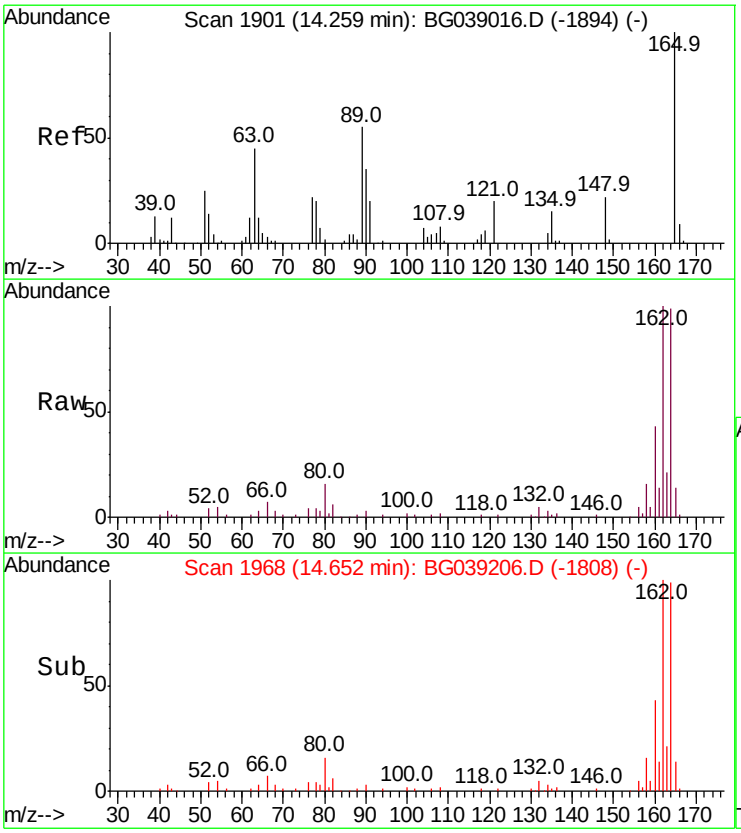
#45
2-Fluorobiphenyl
Concen: 102.834 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:172 Resp: 457212

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.1	30.1

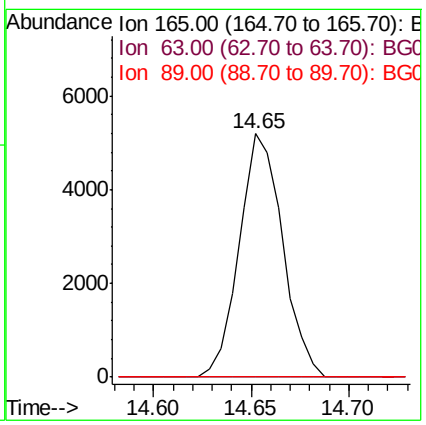


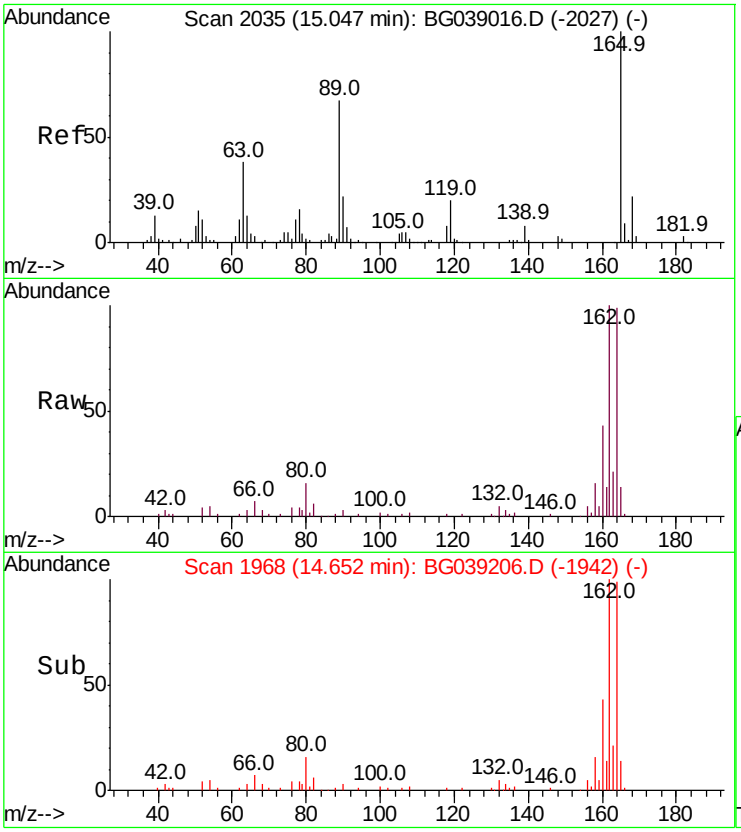


#51
2,6-Dinitrotoluene
Concen: 6.934 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.41 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:165 Resp: 7971

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



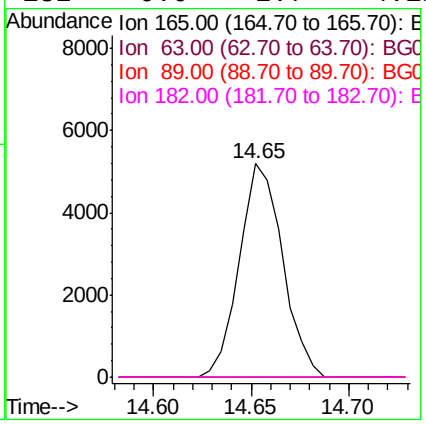


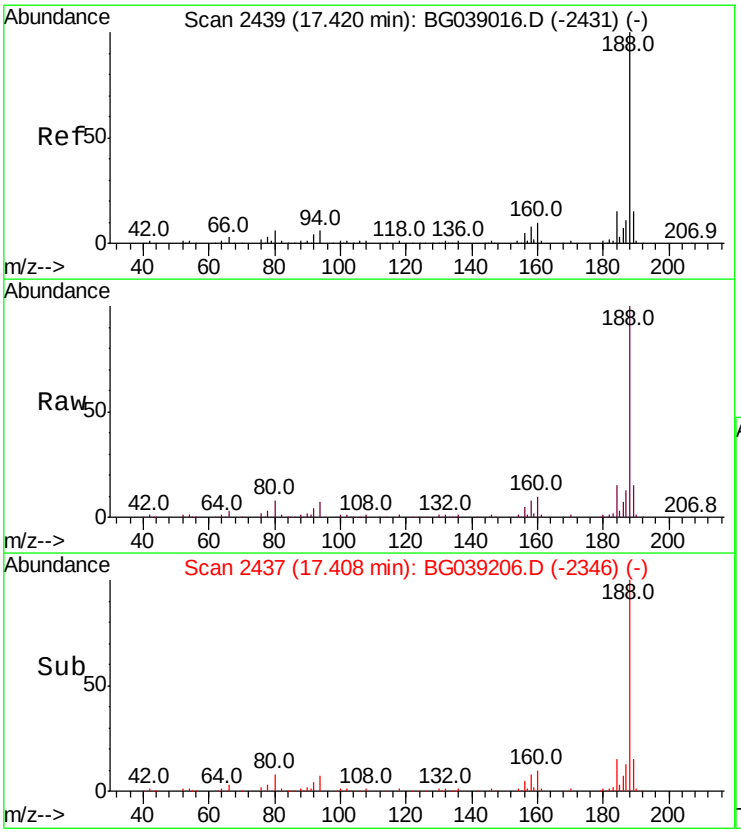
#57
2,4-Dinitrotoluene
Concen: 4.833 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.38 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:165 Resp: 7971

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#

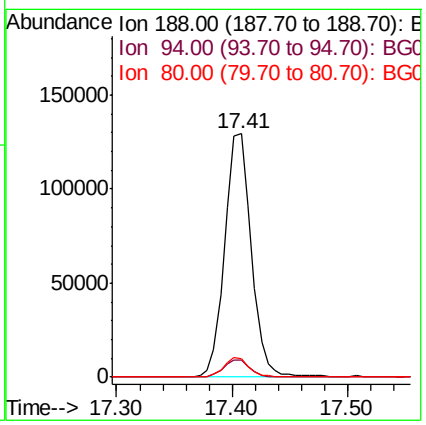


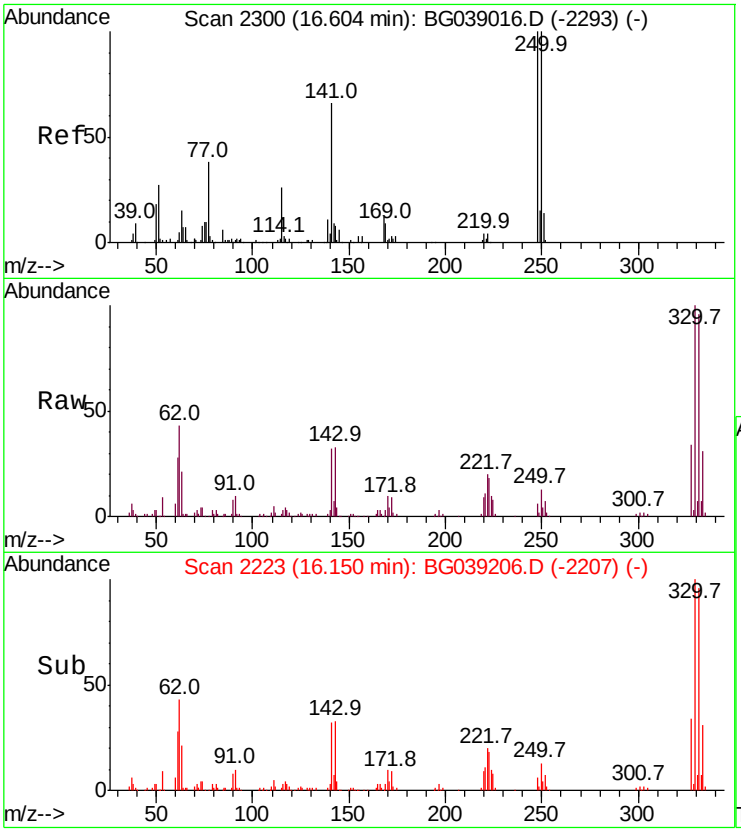


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:188 Resp: 206677

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.0	7.4
80	7.6	4.7	7.1#



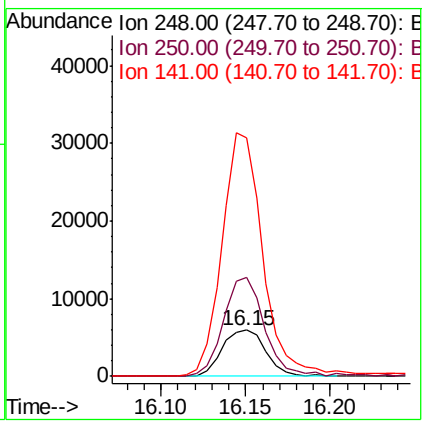


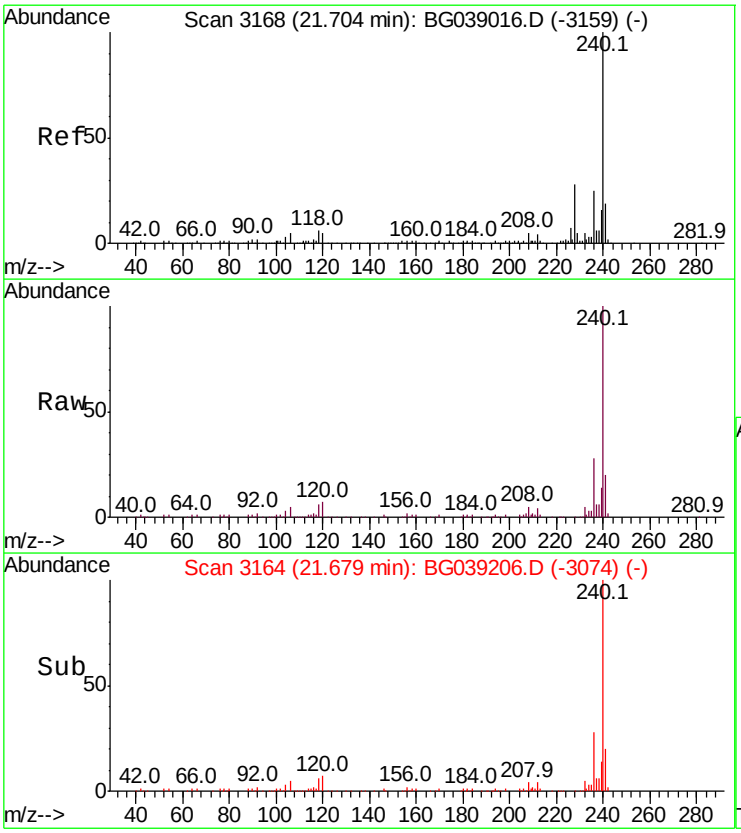
#67
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.44 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:248 Resp: 10611

Ion	Ratio	Lower	Upper
248	100		
250	211.2	79.9	119.9#
141	392.1	52.7	79.1#

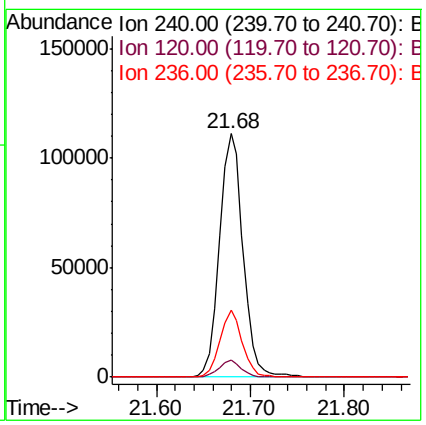


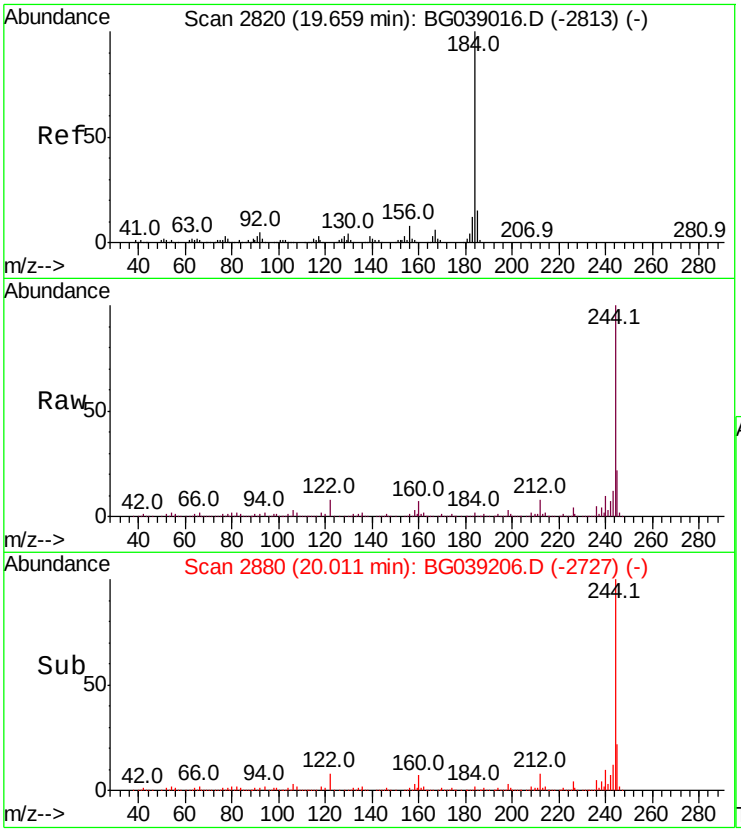


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:240 Resp: 193231

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.3	6.5#
236	27.6	20.1	30.1



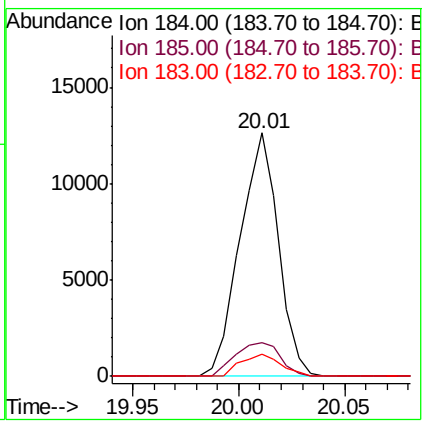


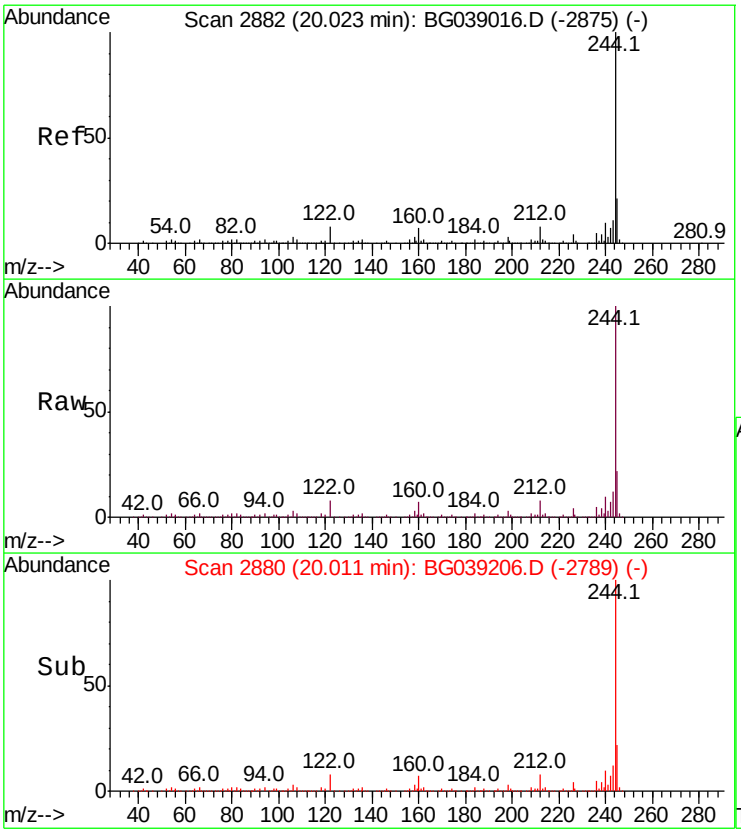
#77
Benzidine
Concen: 2.690 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.37 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:184 Resp: 15899

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.1	18.1
183	9.0	9.5	14.3#

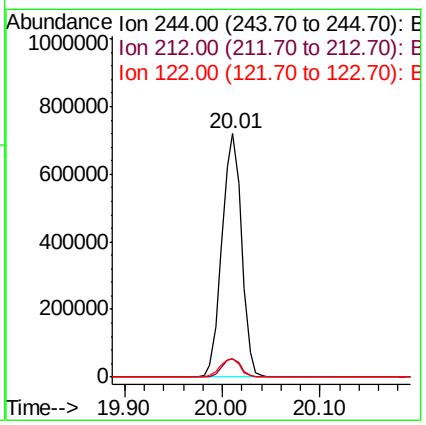


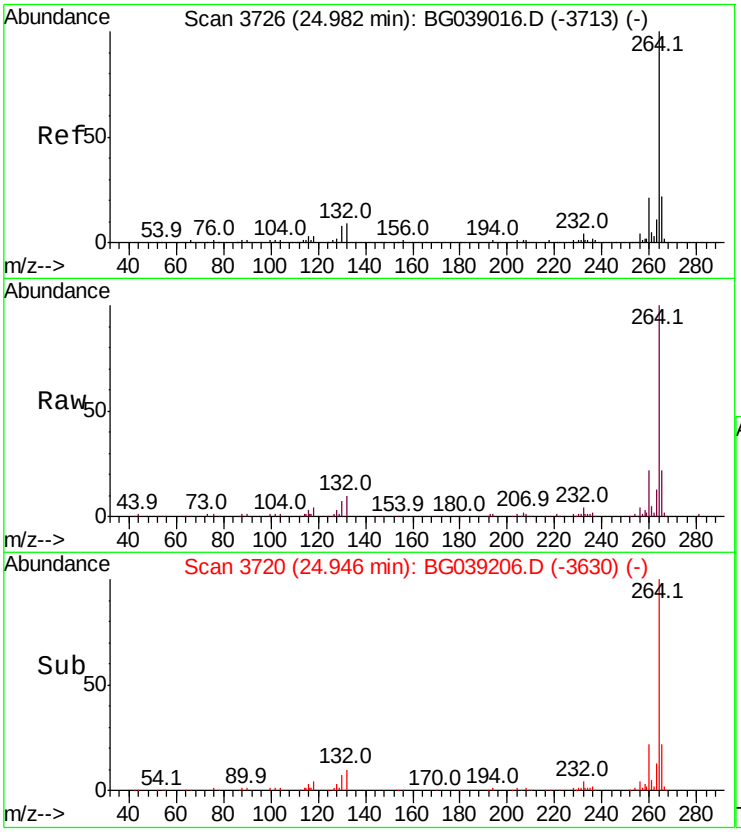


#79
Terphenyl-d14
Concen: 96.083 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Tgt Ion:244 Resp: 1003636

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.6	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG039206.D
Acq: 18 Jan 2019 5:46

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:264 Resp: 213932

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	21.5	17.2	25.8