Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012119\
Data File : BG039238.D
Acq On : 21 Jan 2019 18:00
Operator : JU/SJ
Sample : K1015-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-011719-A

Quant Time: Jan 22 00:03:26 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	15990	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	59555	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	45179	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	119620	20.00	ng	0.00
76) Chrysene-d12	21.67	240	128152	20.00	ng	-0.01
87) Perylene-d12	24.92	264	134970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	97010	115.09	ng	0.00
7) Phenol-d6	7.17	99	116524	96.06	ng	0.00
23) Nitrobenzene-d5	9.18	82	92572	85.06	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	97258	128.42	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	265124	80.31	ng	0.00
79) Terphenyl-d14	20.00	244	555908	80.25	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	12339	15.490	ng	# 67
51) 2,6-Dinitrotoluene	14.65	165	6073	7.115	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	6073	4.959	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	6389	4.155	ng	# 1
77) Benzidine	20.00	184	8360	2.133	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012119\
Data File : BG039238.D
Acq On : 21 Jan 2019 18:00
Operator : JU/SJ
Sample : K1015-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Quant Time: Jan 22 00:03:26 2019
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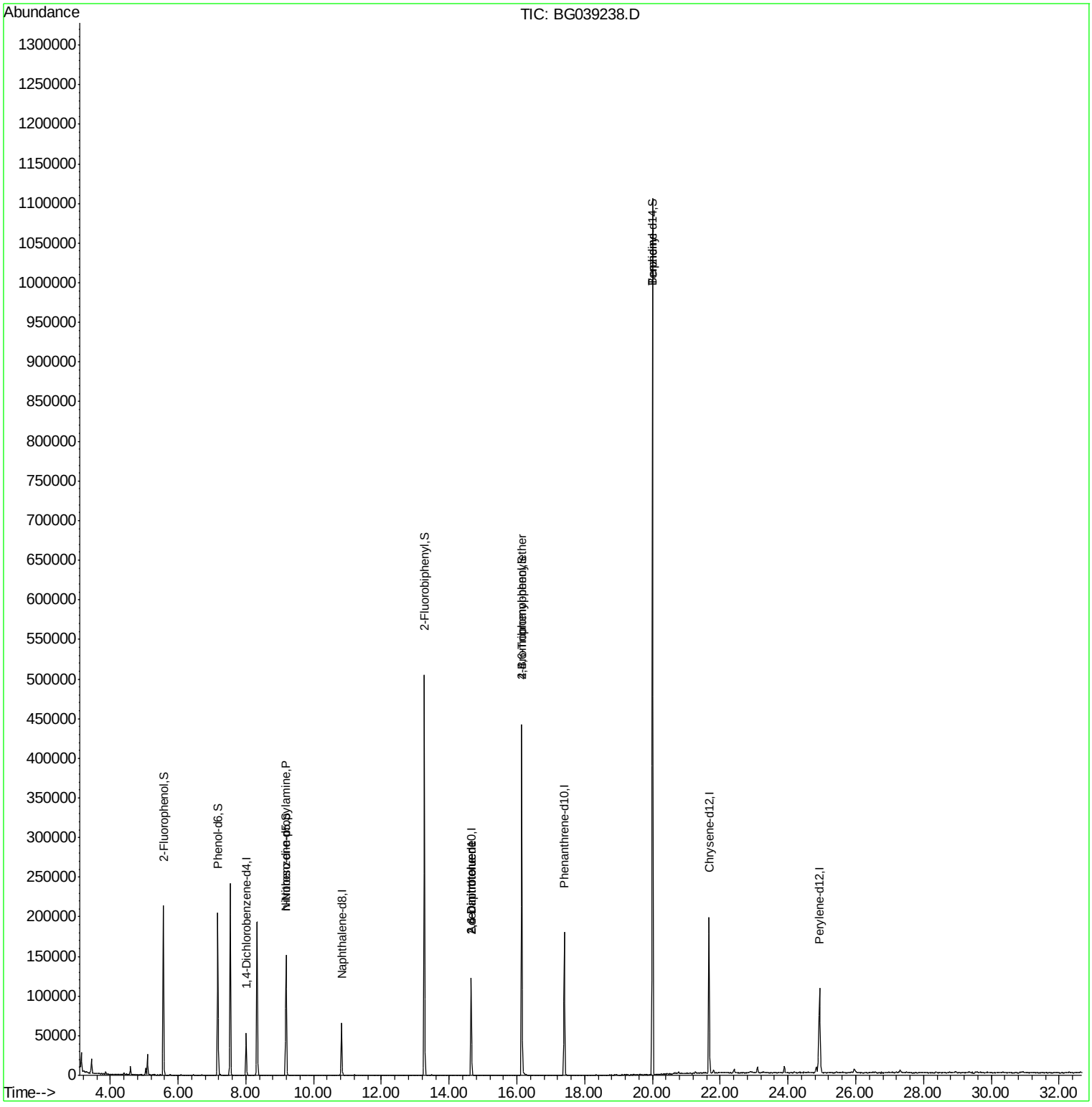
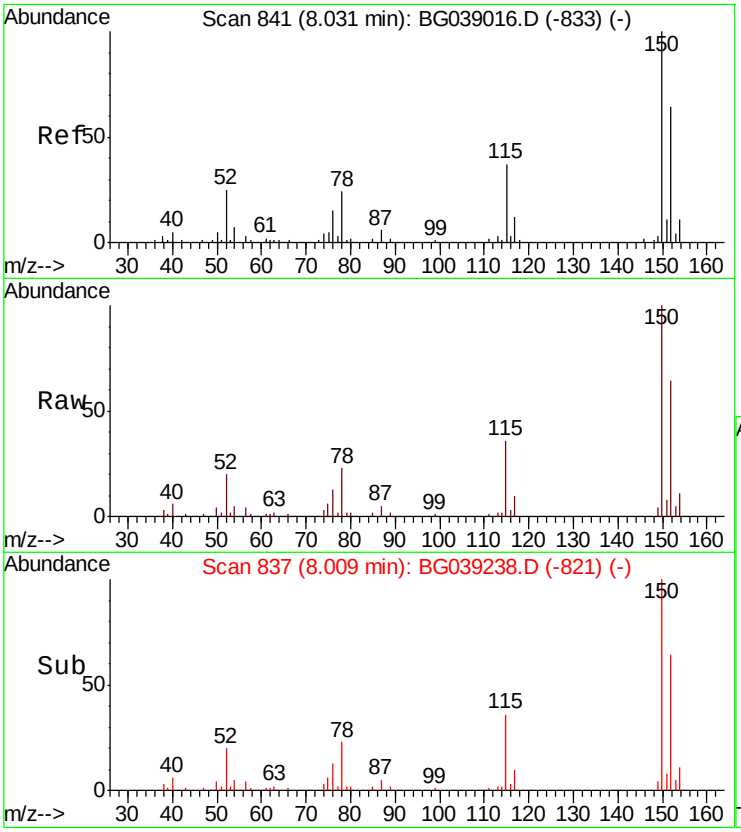
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



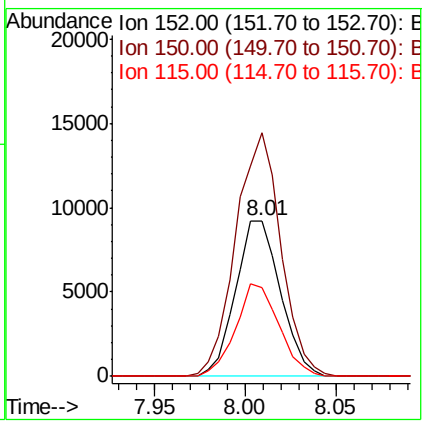


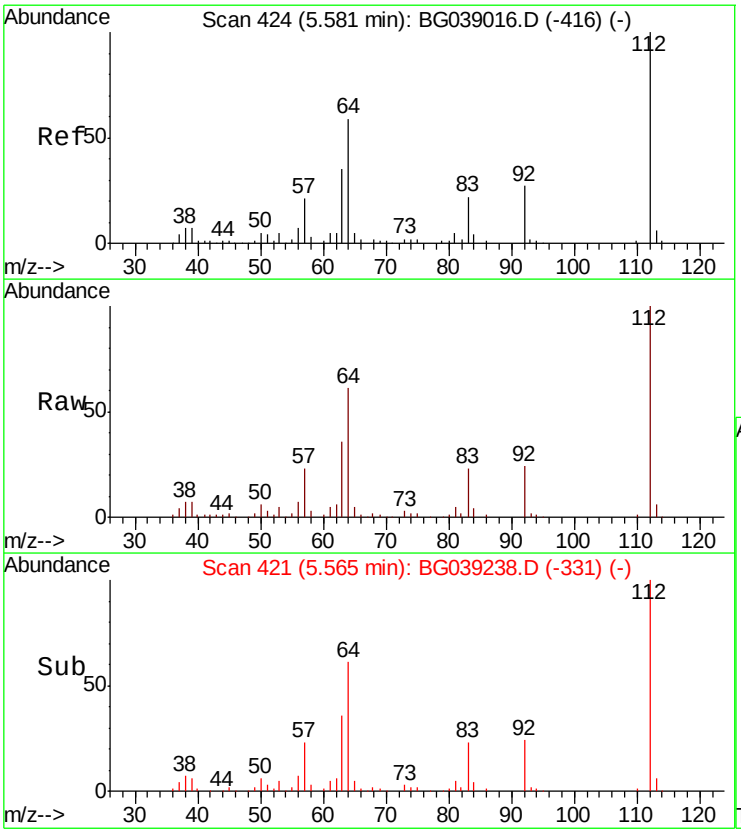
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:152 Resp: 15990

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	56.8	46.5	69.7

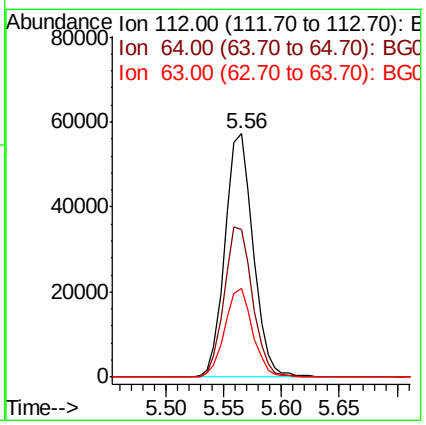


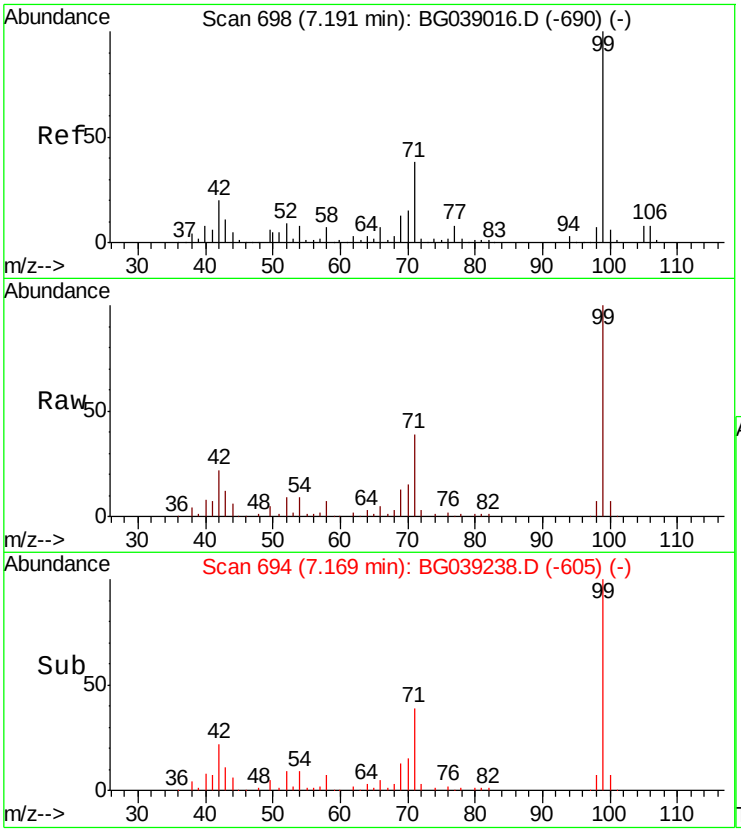


#5
2-Fluorophenol
Concen: 115.088 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:112 Resp: 97010

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.0	70.6
63	36.3	28.0	42.0



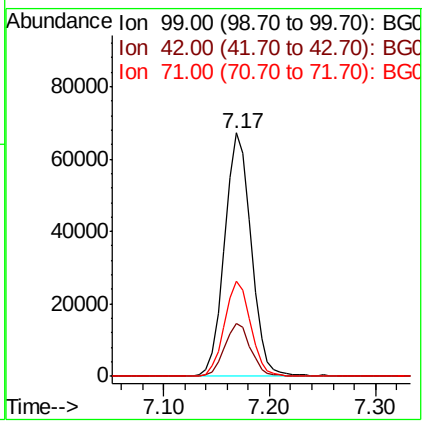


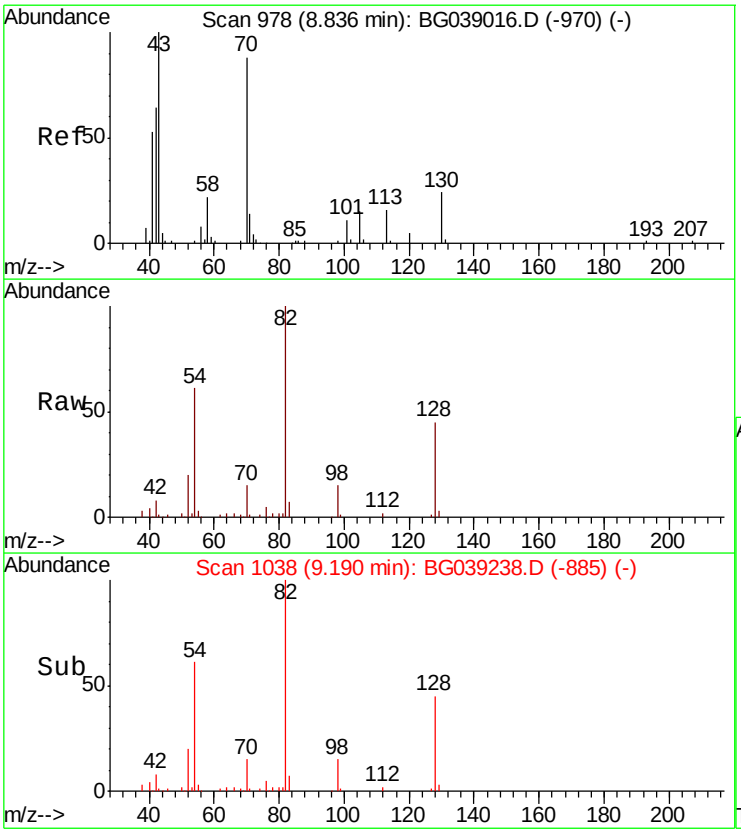
#7
Phenol-d6
Concen: 96.057 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion: 99 Resp: 116524

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.8	23.6
71	39.3	30.2	45.4

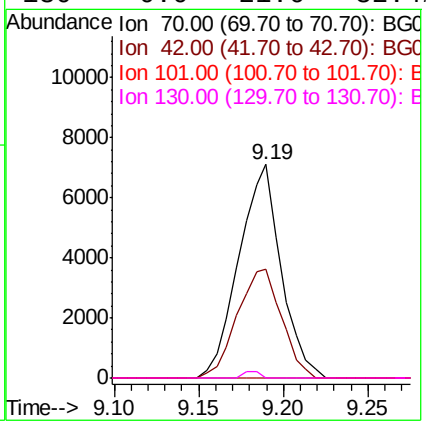


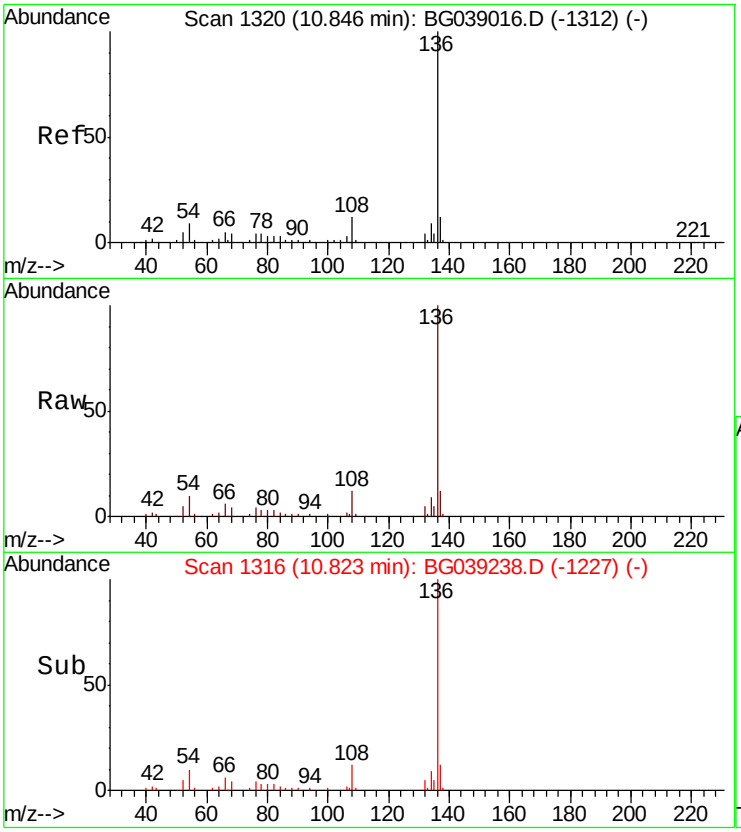


#19
n-Nitroso-di-n-propylamine
Concen: 15.490 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.37 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion: 70 Resp: 12339

Ion	Ratio	Lower	Upper
70	100		
42	51.3	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#



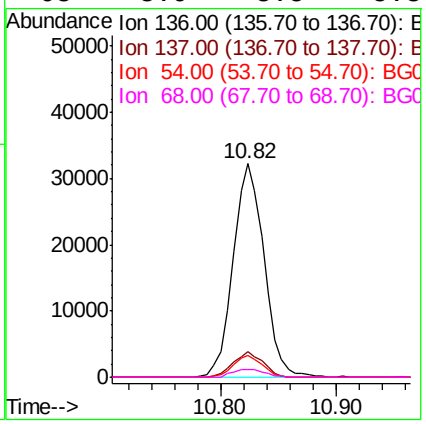


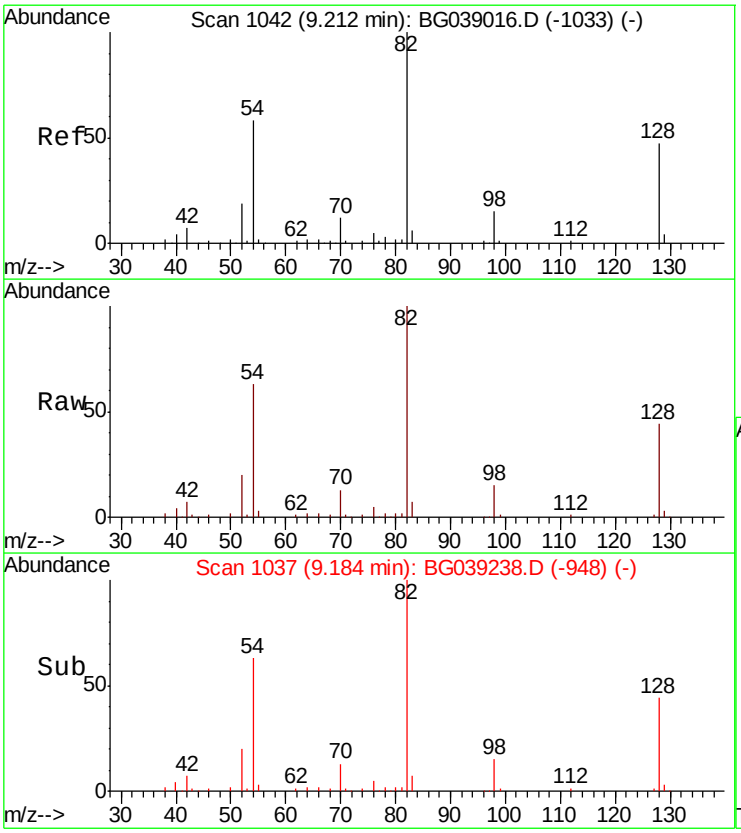
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:136 Resp: 59555

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	10.0	7.2	10.8
68	3.9	3.5	5.3

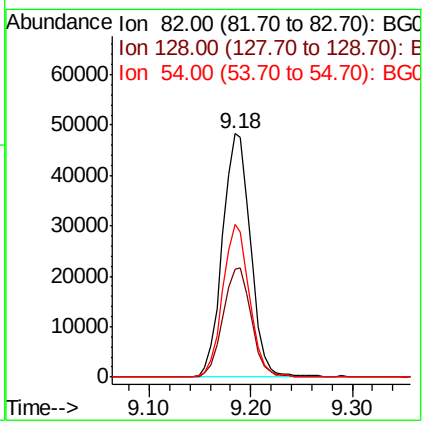


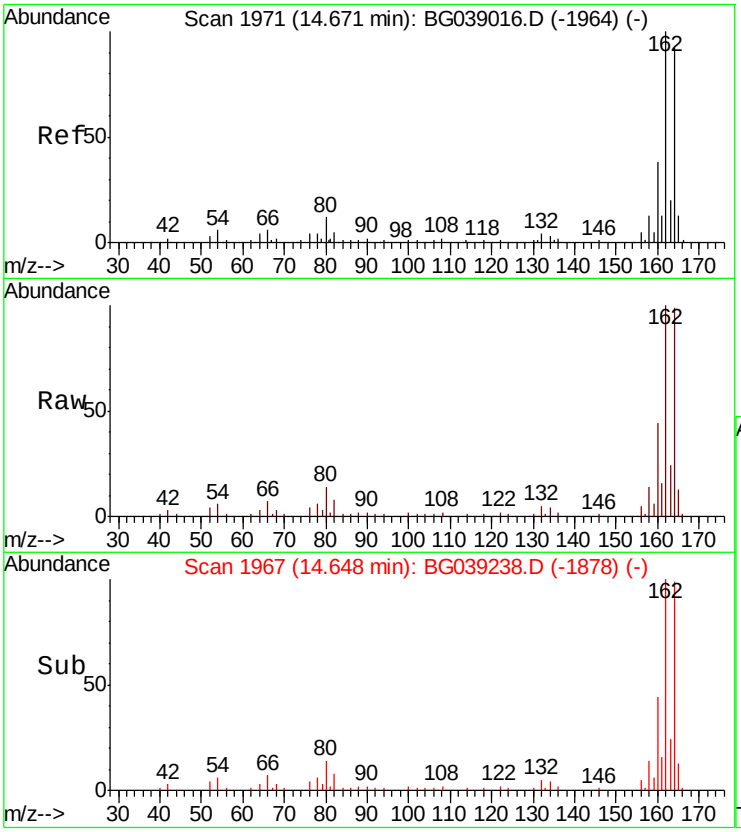


#23
Nitrobenzene-d5
Concen: 85.056 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion: 82 Resp: 92572

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.3	55.9
54	62.7	46.4	69.6



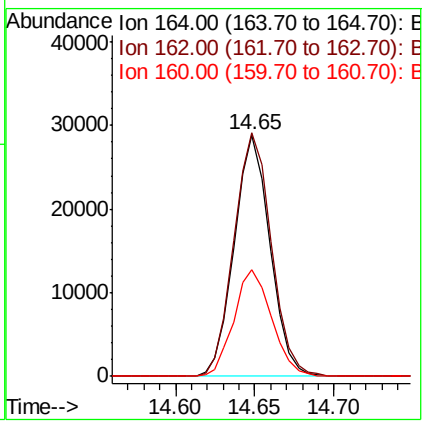


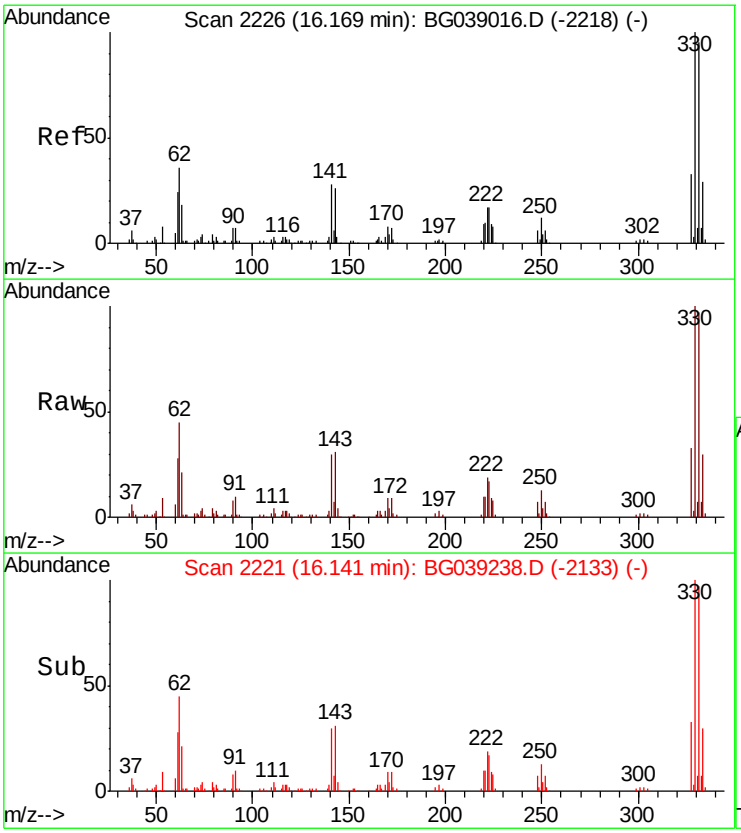
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:164 Resp: 45179

Ion	Ratio	Lower	Upper
164	100		
162	100.8	87.2	130.8
160	44.1	33.3	49.9

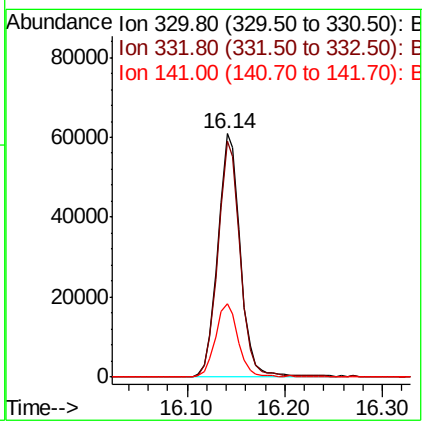


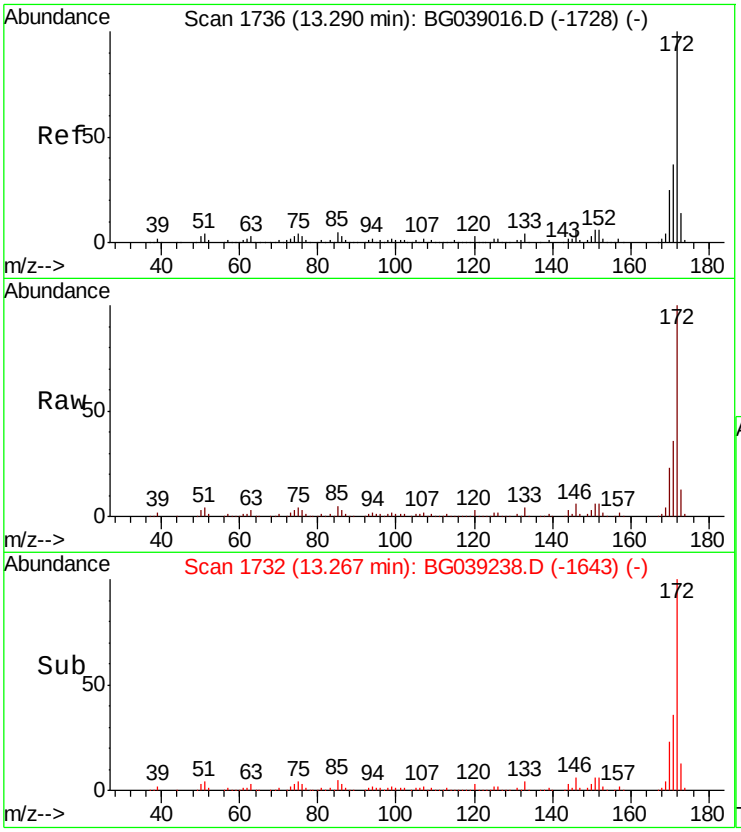


#42
2,4,6-Tribromophenol
Concen: 128.423 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:330 Resp: 97258

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	30.3	24.9	37.3



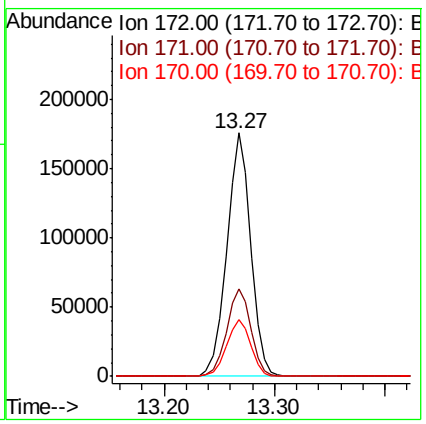


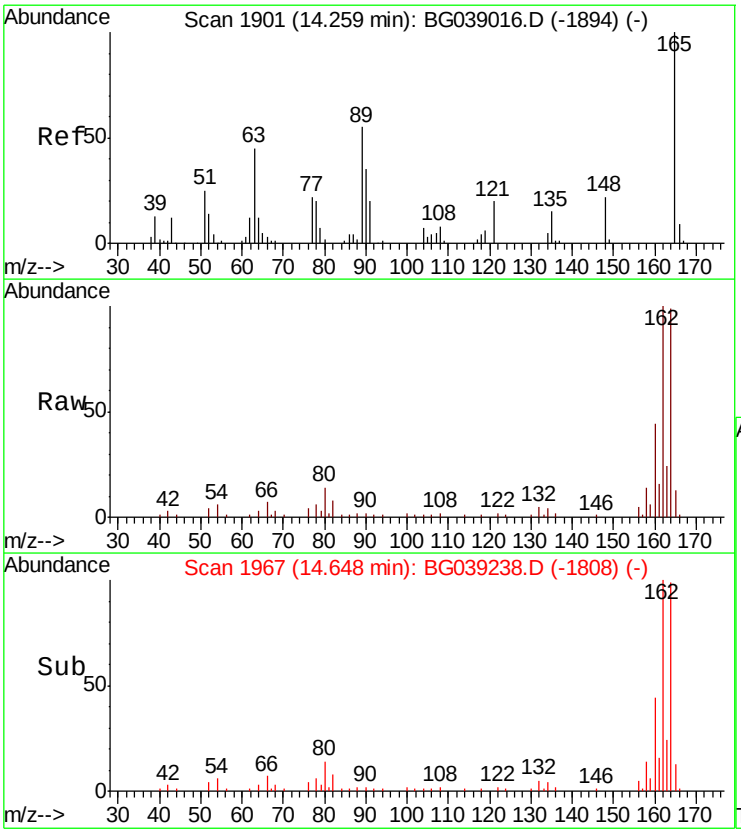
#45
2-Fluorobiphenyl
Concen: 80.311 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:172 Resp: 265124

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	23.4	20.1	30.1

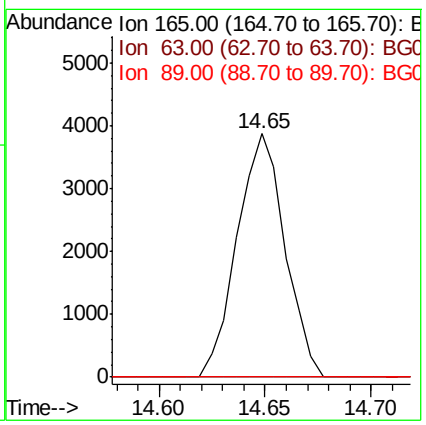


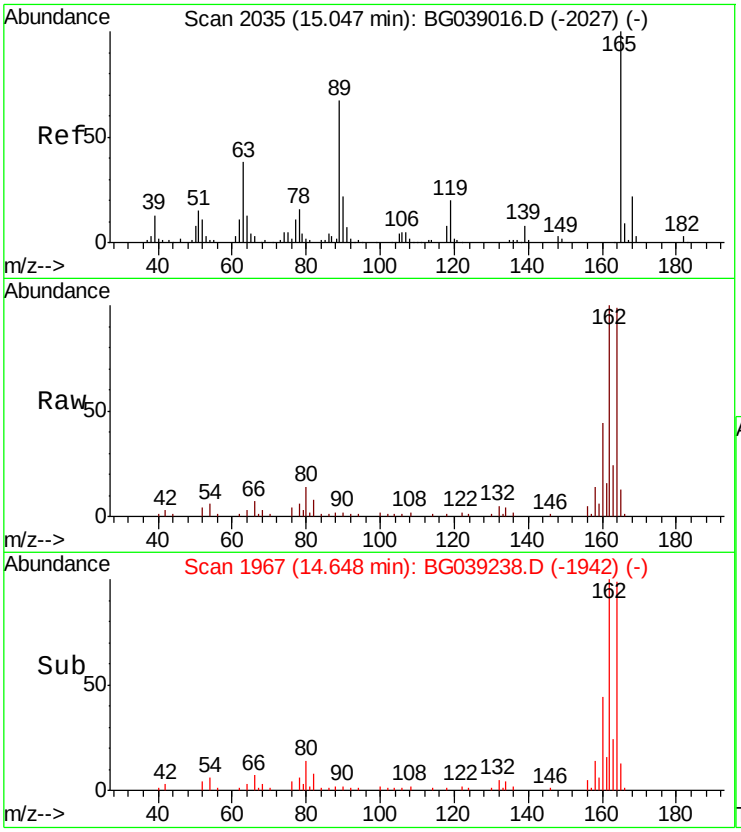


#51
2,6-Dinitrotoluene
Concen: 7.115 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.41 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:165 Resp: 6073

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



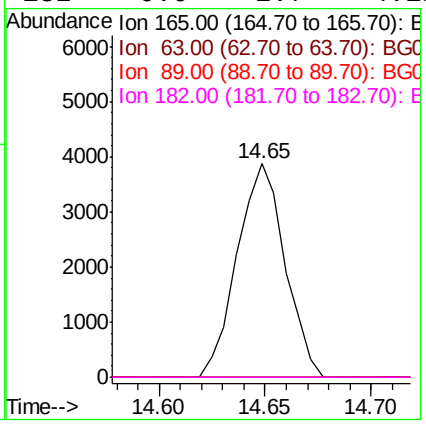


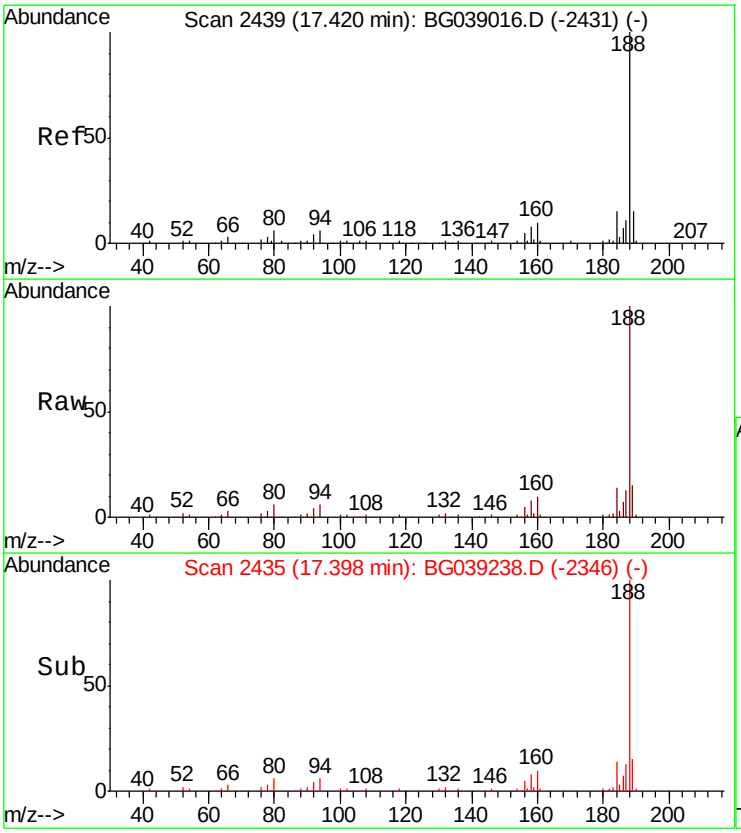
#57
2,4-Dinitrotoluene
Concen: 4.959 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.38 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:165 Resp: 6073

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#

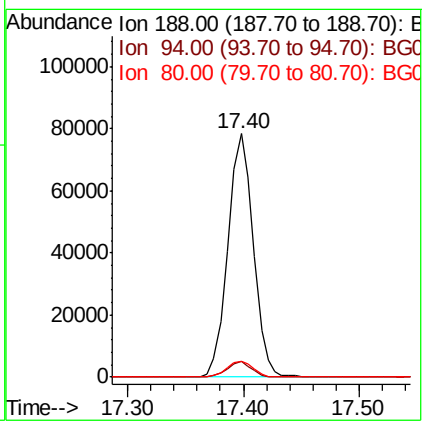


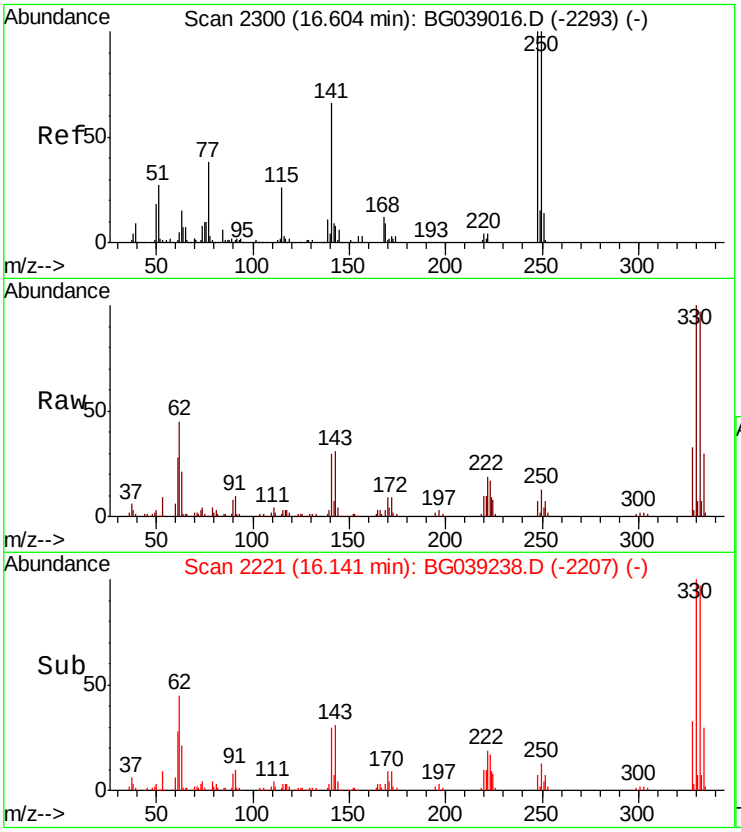


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:188 Resp: 119620

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.4
80	6.4	4.7	7.1



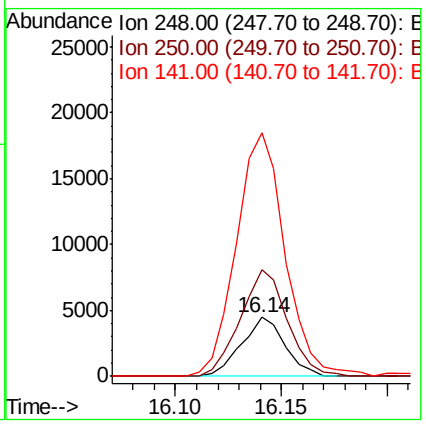


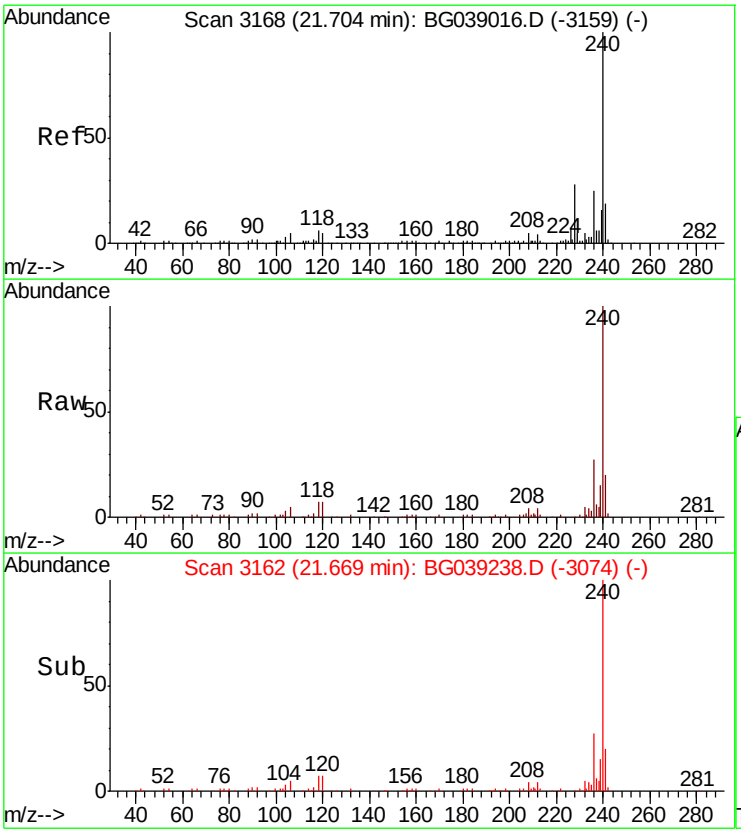
#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:248 Resp: 6389

Ion	Ratio	Lower	Upper
248	100		
250	180.9	79.9	119.9#
141	315.4	52.7	79.1#

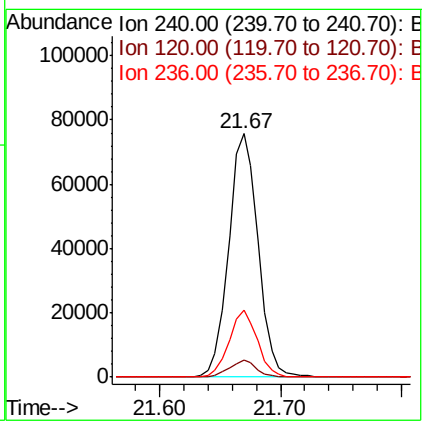


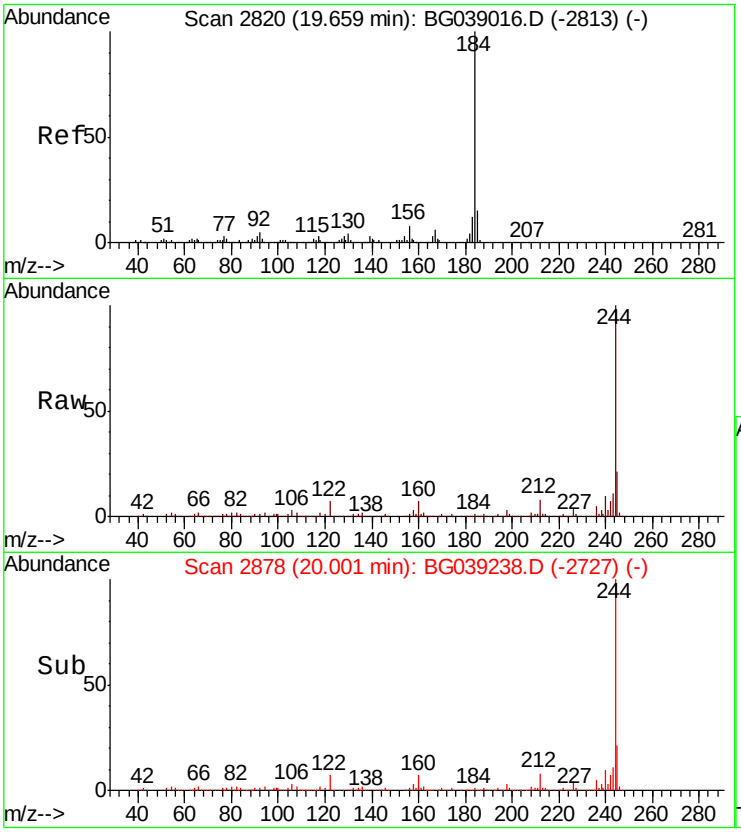


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:240 Resp: 128152

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.3	6.5#
236	27.4	20.1	30.1



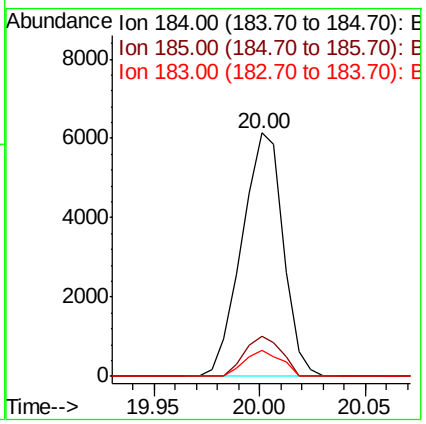


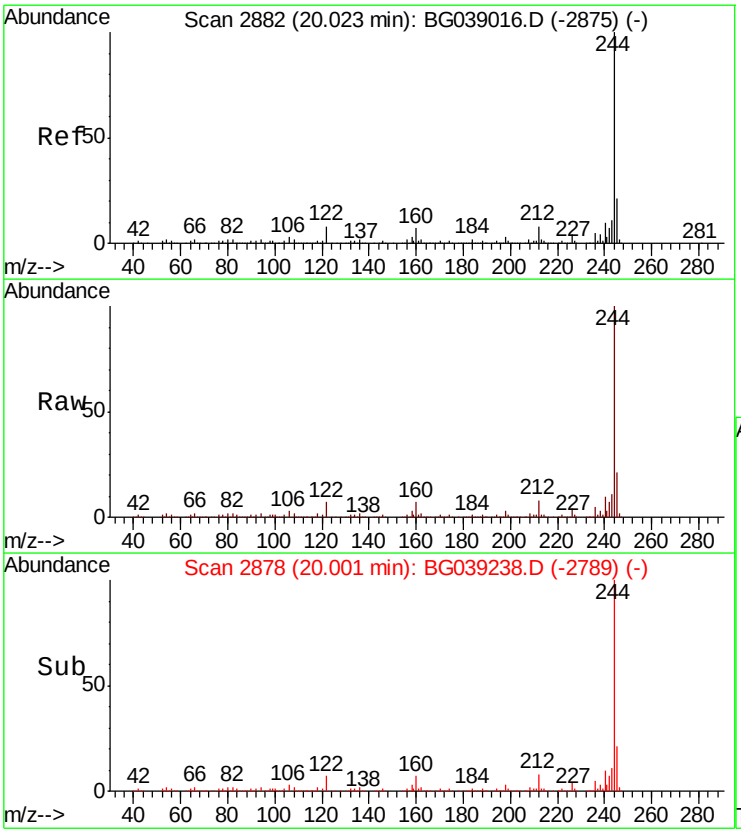
#77
Benzidine
Concen: 2.133 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.36 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:184 Resp: 8360

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.1	18.1
183	10.8	9.5	14.3

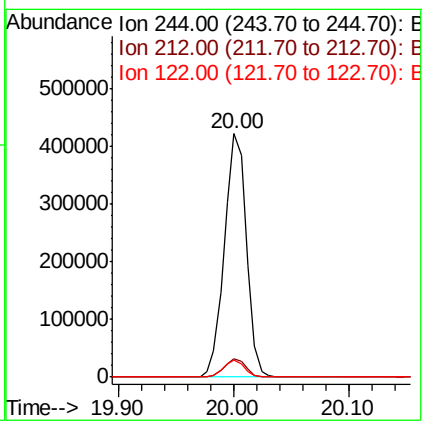


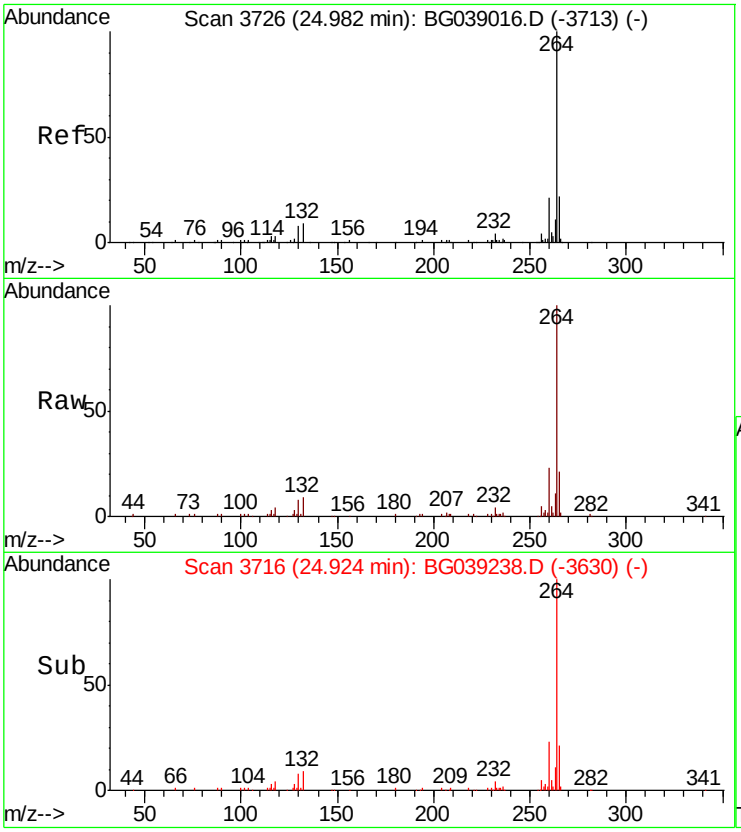


#79
Terphenyl-d14
Concen: 80.246 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:244 Resp: 555908

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.9	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tgt Ion:264 Resp: 134970

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.0	25.6
265	20.7	17.2	25.8