Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038755.D
Acq On : 20 Dec 2018 9:35
Operator : JU/SJ
Sample : J6445-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 20 11:07:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28424	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	113311	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	75234	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	187088	20.00	ng		0.00
76) Chrysene-d12	21.72	240	192153	20.00	ng		0.00
87) Perylene-d12	25.02	264	203619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	206761	129.02	ng		0.00
7) Phenol-d6	7.21	99	285014	129.55	ng		0.00
23) Nitrobenzene-d5	9.23	82	173476	78.21	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	137663	132.77	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	451028	82.24	ng		0.00
79) Terphenyl-d14	20.04	244	813498	92.14	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	16359	6.999	ng		91
19) n-Nitroso-di-n-propylamine	9.23	70	23696	15.336	ng	#	71
50) Dimethylphthalate	14.14	163	31376	5.107	ng		99
51) 2,6-Dinitrotoluene	14.69	165	9867	7.087	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	9867	5.032	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	8771	3.839	ng	#	1
77) Benzidine	20.04	184	14139	2.488	ng	#	93

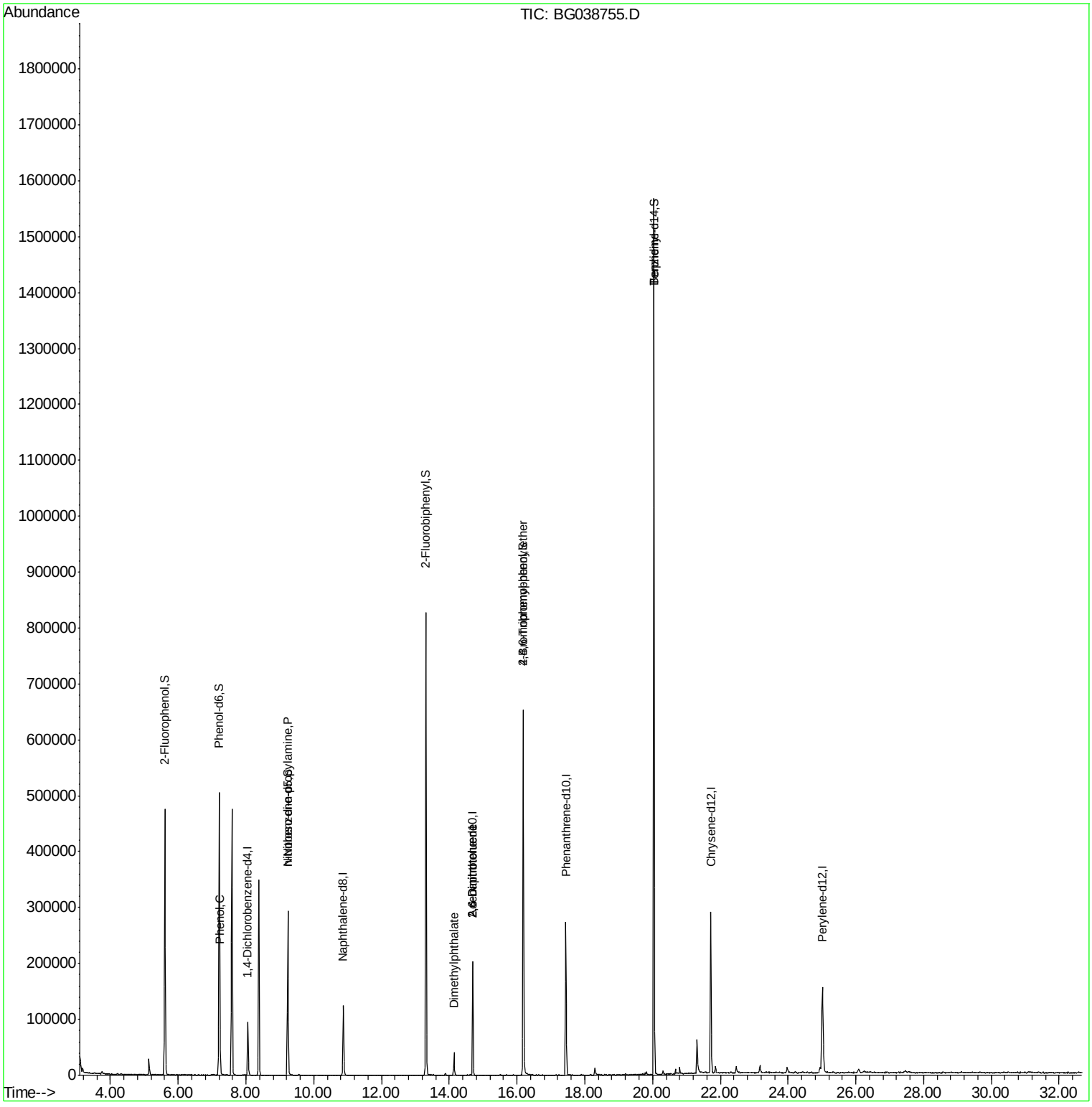
(#) = qualifier out of range (m) = manual integration (+) = signals summed

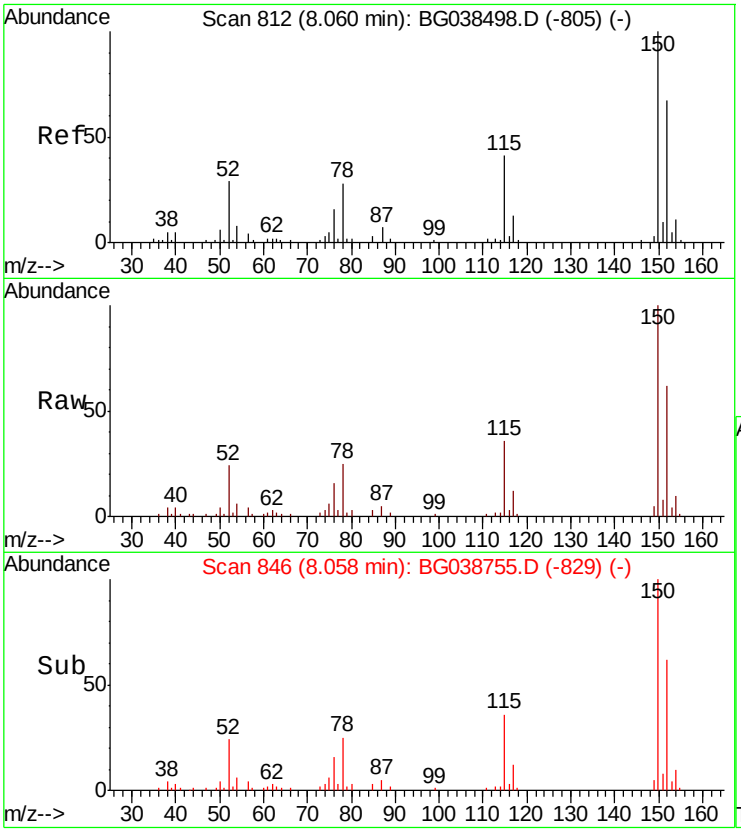
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038755.D
Acq On : 20 Dec 2018 9:35
Operator : JU/SJ
Sample : J6445-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 20 11:07:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



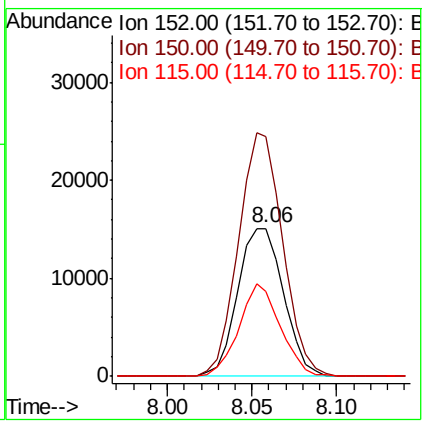


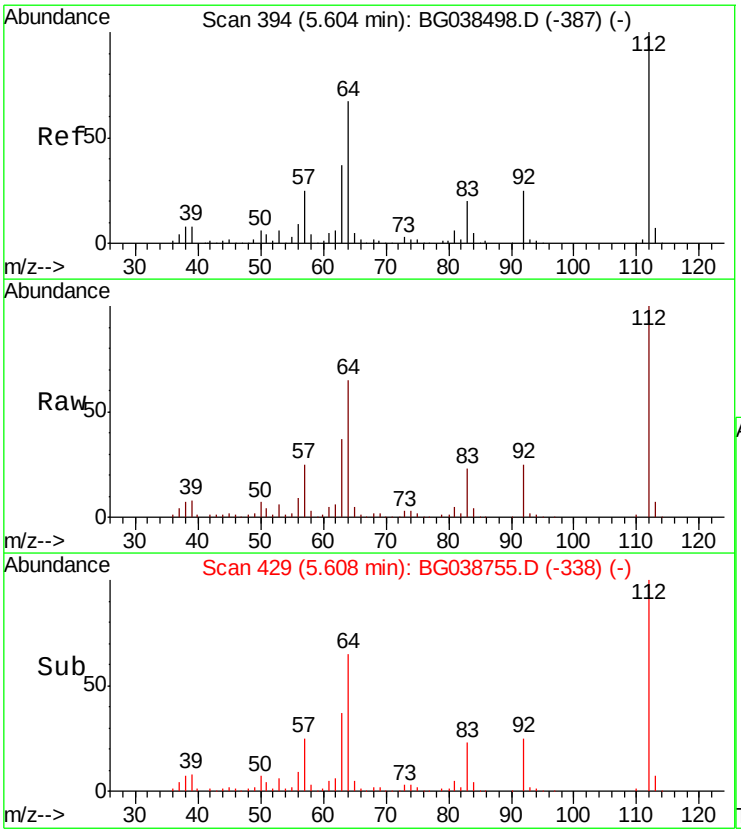
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28424

Ion	Ratio	Lower	Upper
152	100		
150	161.8	119.5	179.3
115	57.7	49.6	74.4

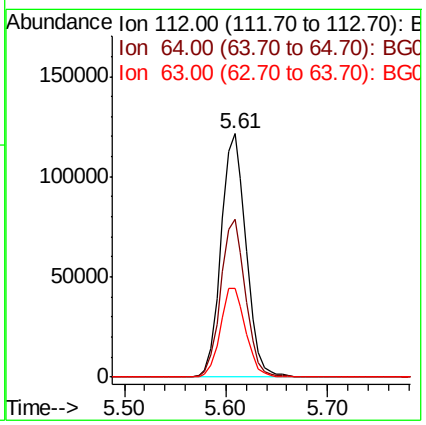


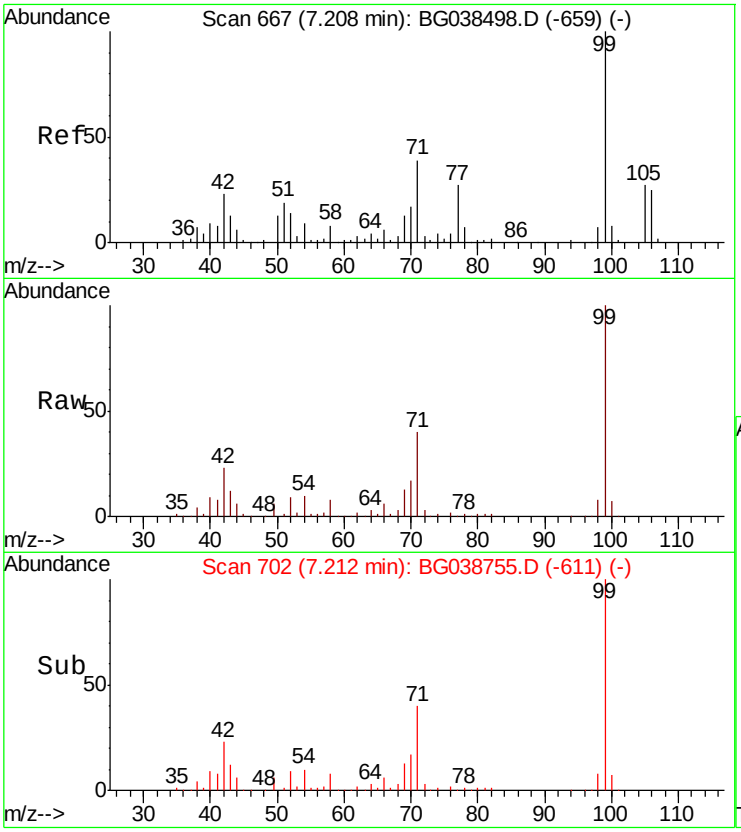


#5
2-Fluorophenol
Concen: 129.018 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:112 Resp: 206761

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.4	80.2
63	36.6	29.3	43.9



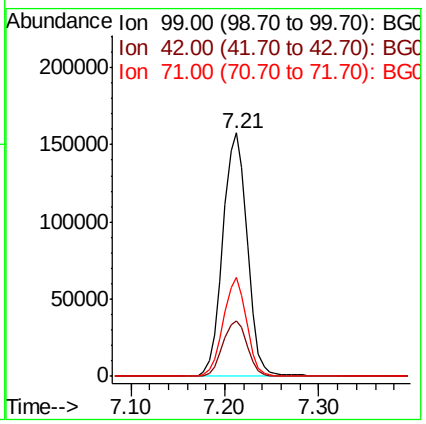


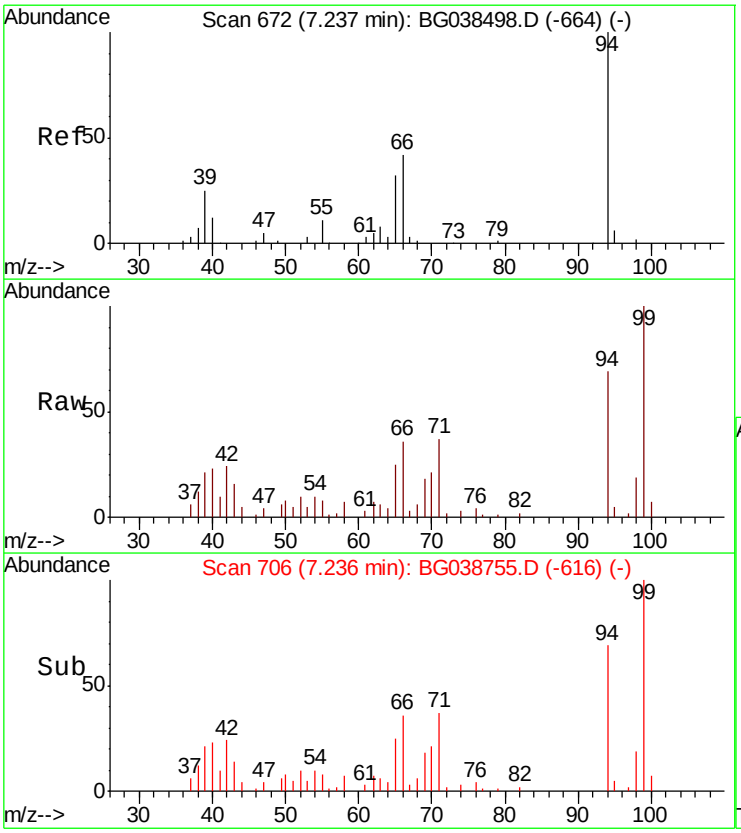
#7
Phenol-d6
Concen: 129.551 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 285014

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.5	27.7
71	40.4	31.1	46.7

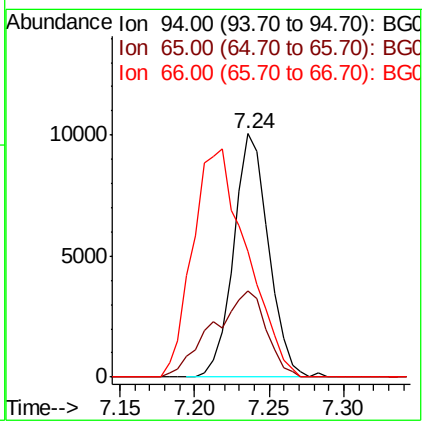


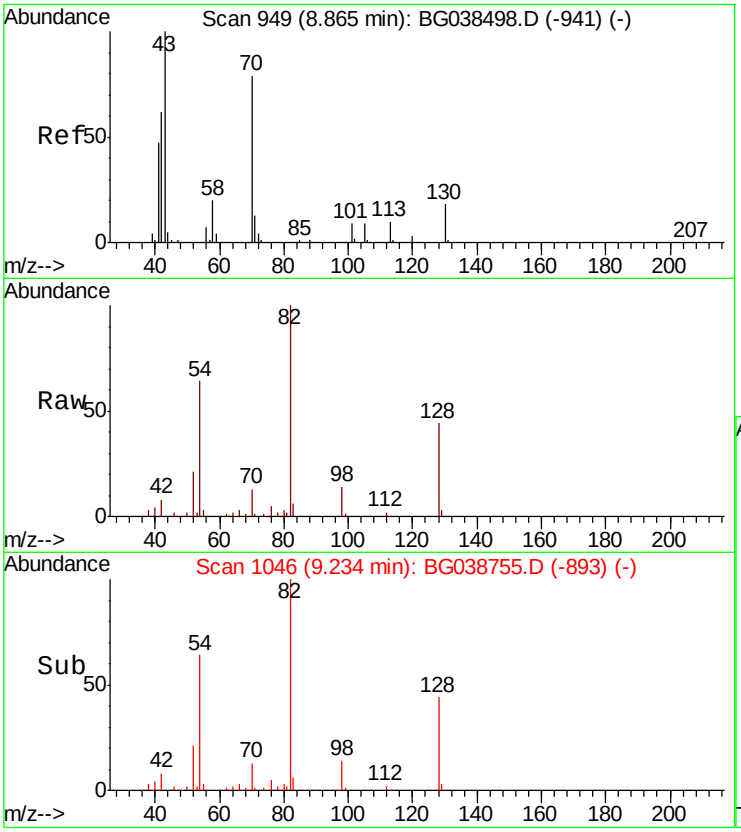


#10
Phenol
Concen: 6.999 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion: 94 Resp: 16359

Ion	Ratio	Lower	Upper
94	100		
65	35.5	12.6	52.6
66	51.9	24.1	64.1



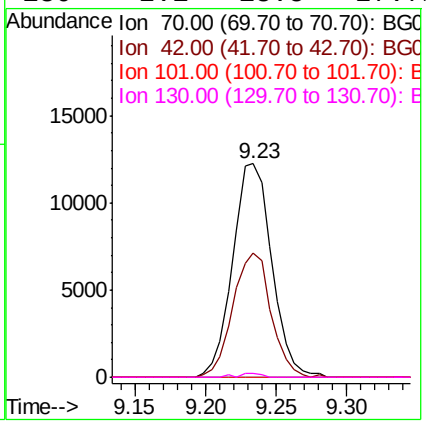


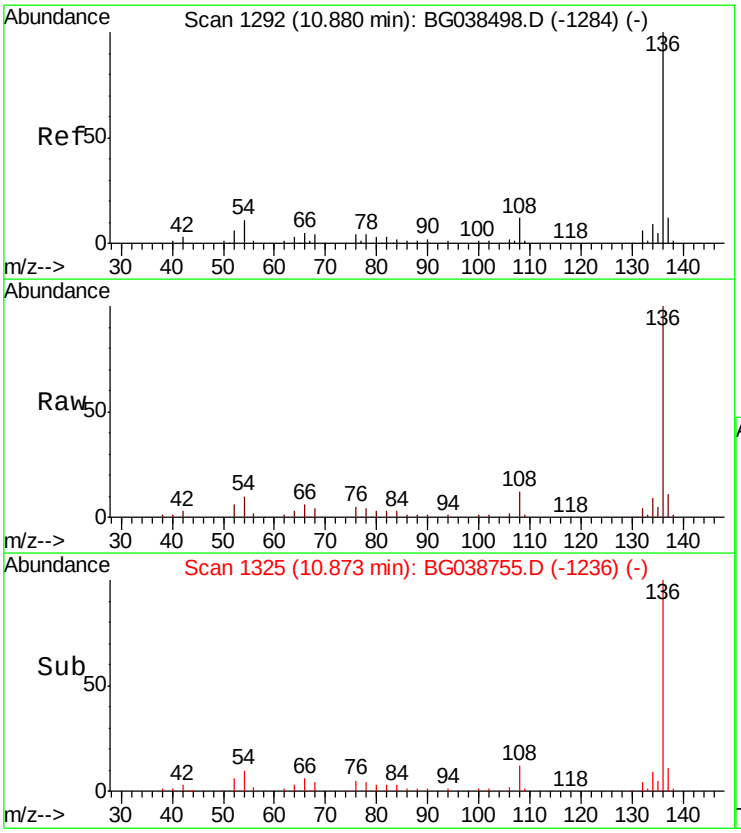
#19
n-Nitroso-di-n-propylamine
Concen: 15.336 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 23696

Ion	Ratio	Lower	Upper
70	100		
42	57.9	63.6	95.4#
101	0.0	9.2	13.8#
130	2.1	18.5	27.7#

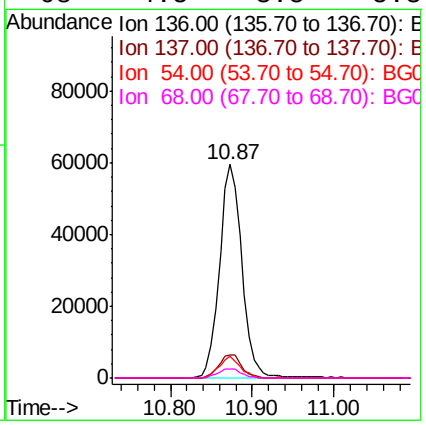


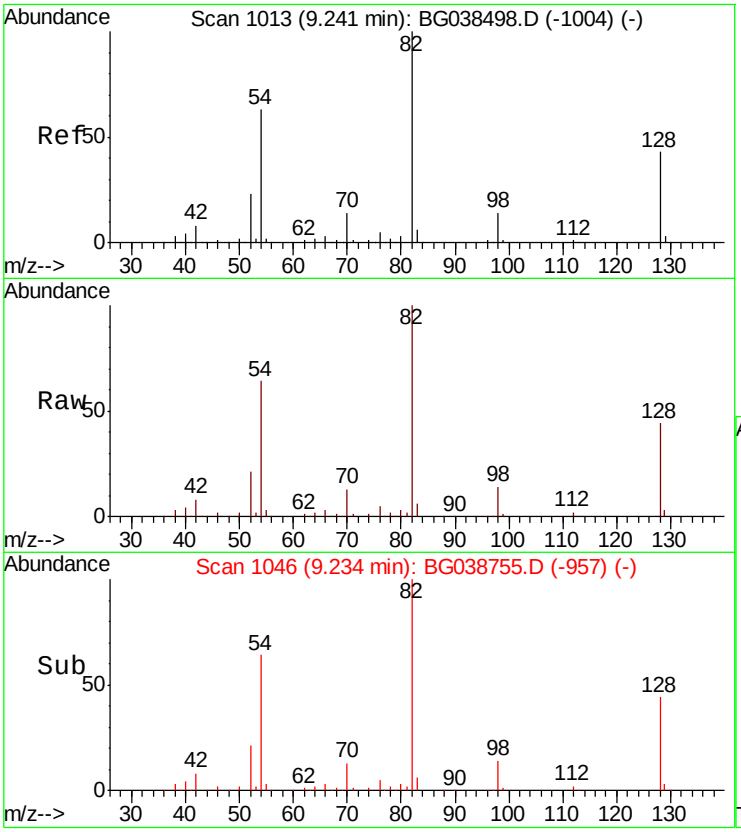


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:136 Resp: 113311

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	10.3	8.5	12.7
68	4.5	3.5	5.3



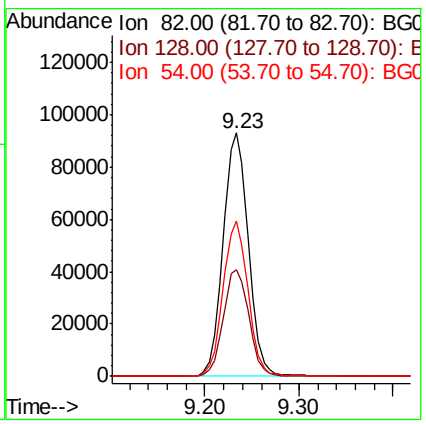


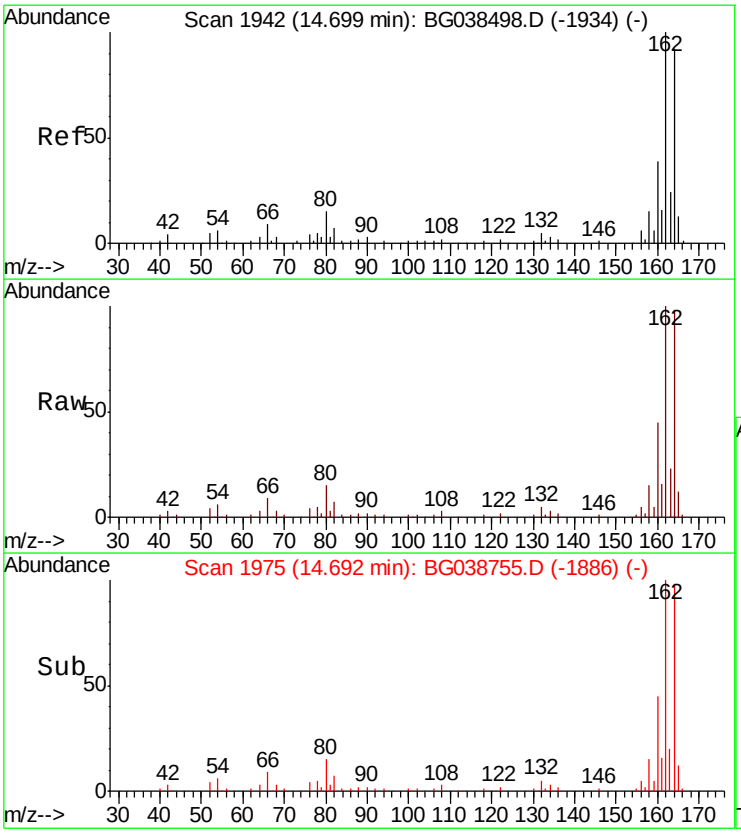
#23
Nitrobenzene-d5
Concen: 78.213 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 173476

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	63.9	50.6	76.0

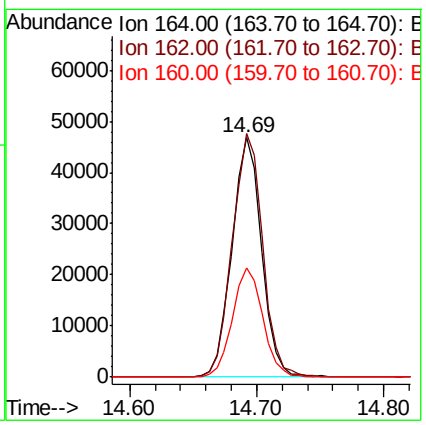


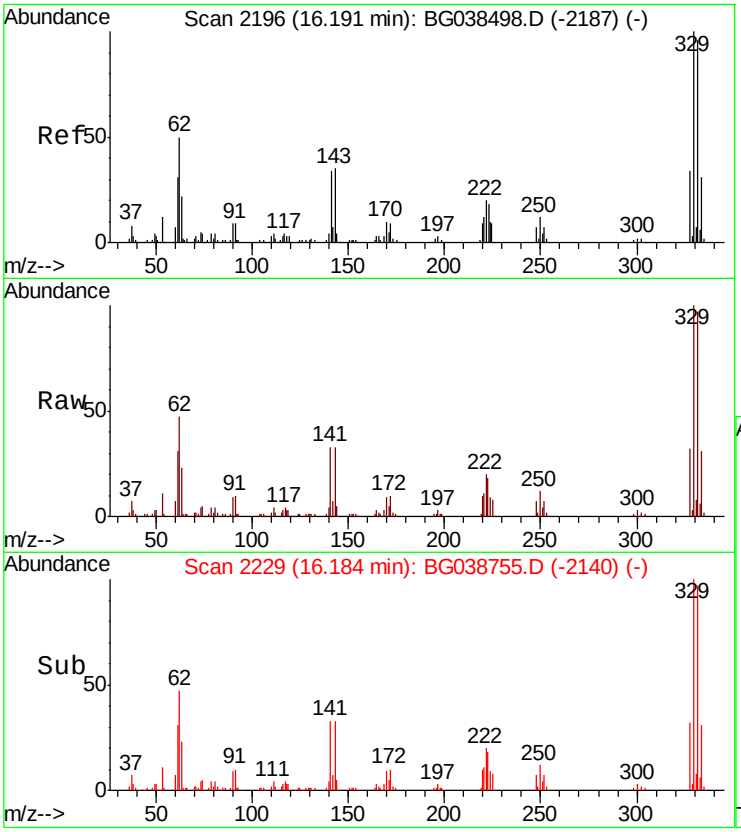


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:164 Resp: 75234

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.6	130.0
160	45.8	34.2	51.2



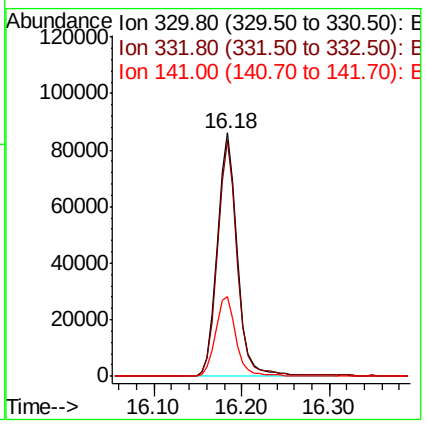


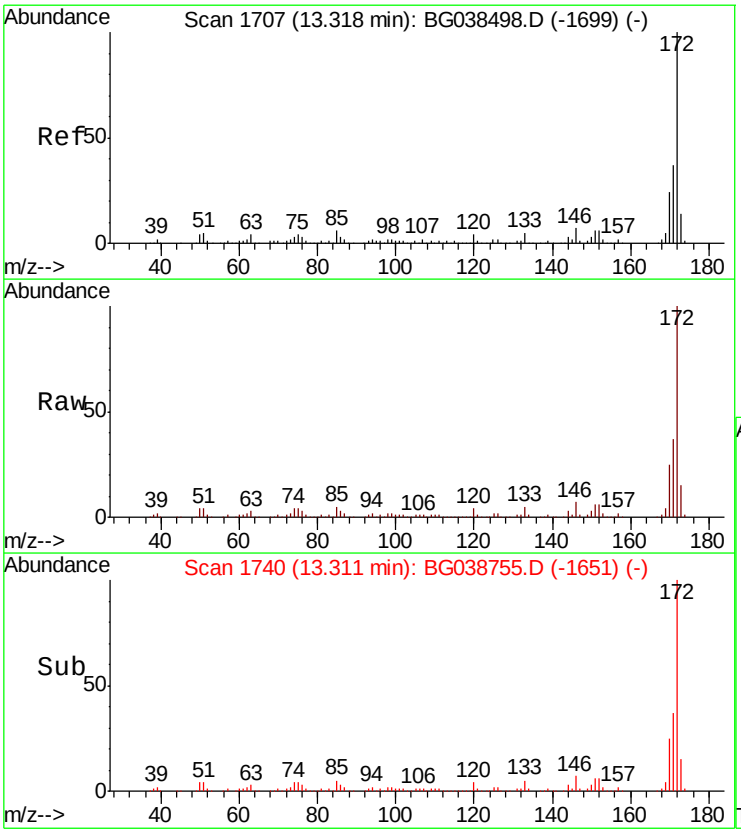
#42
2,4,6-Tribromophenol
Concen: 132.769 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 137663

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.9	115.3
141	33.5	28.8	43.2

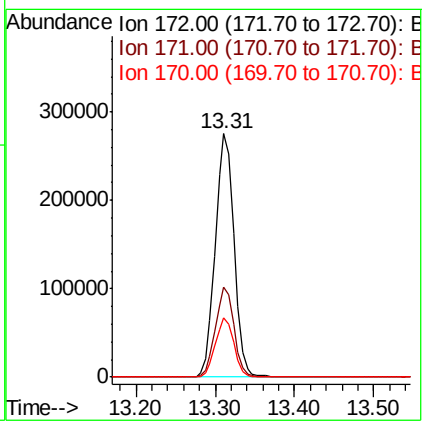


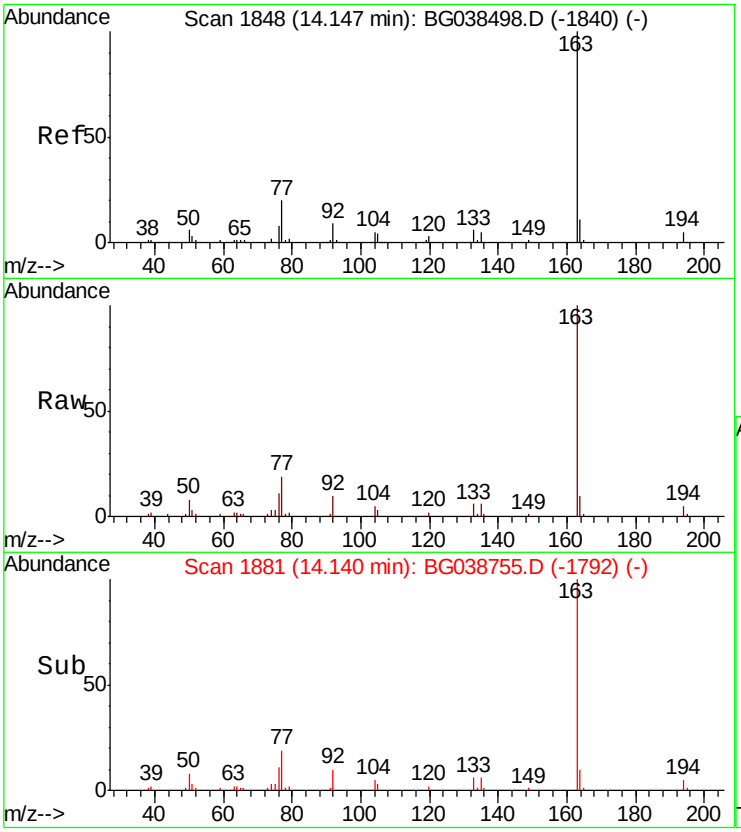


#45
2-Fluorobiphenyl
Concen: 82.242 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:172 Resp: 451028

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.6	19.5	29.3



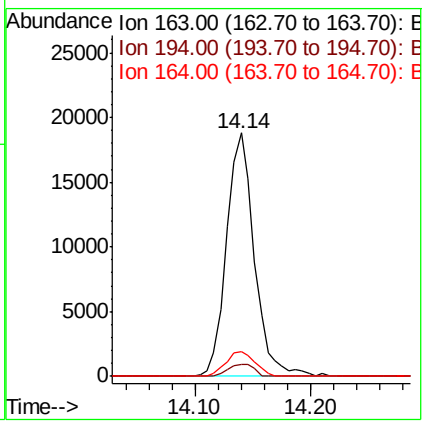


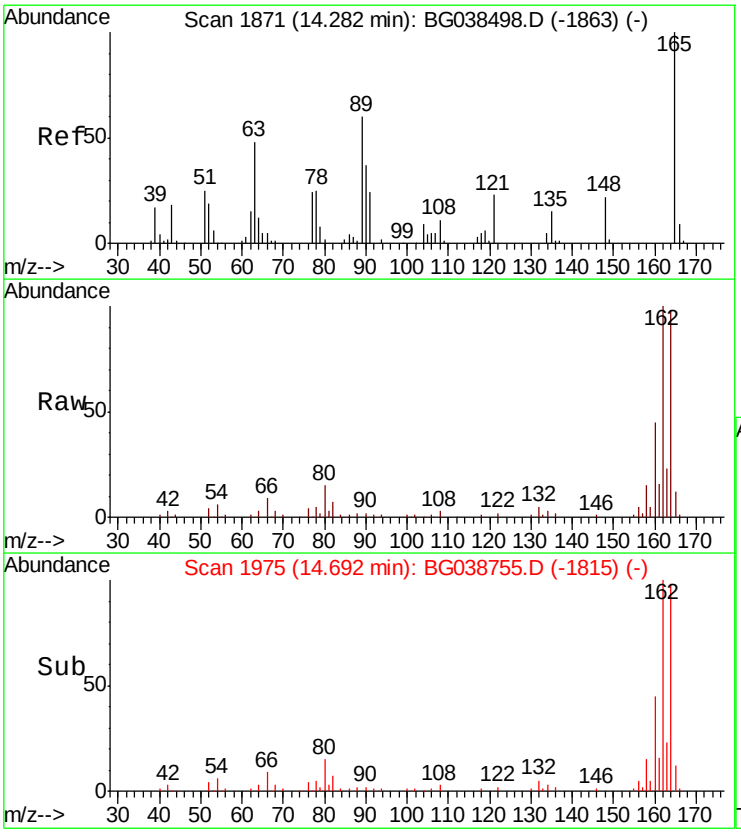
#50
Dimethylphthalate
Concen: 5.107 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 31376

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	9.9	8.6	12.8

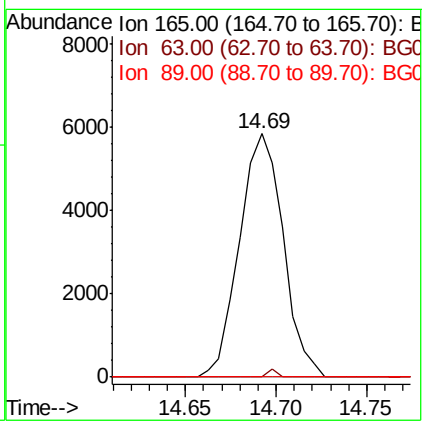


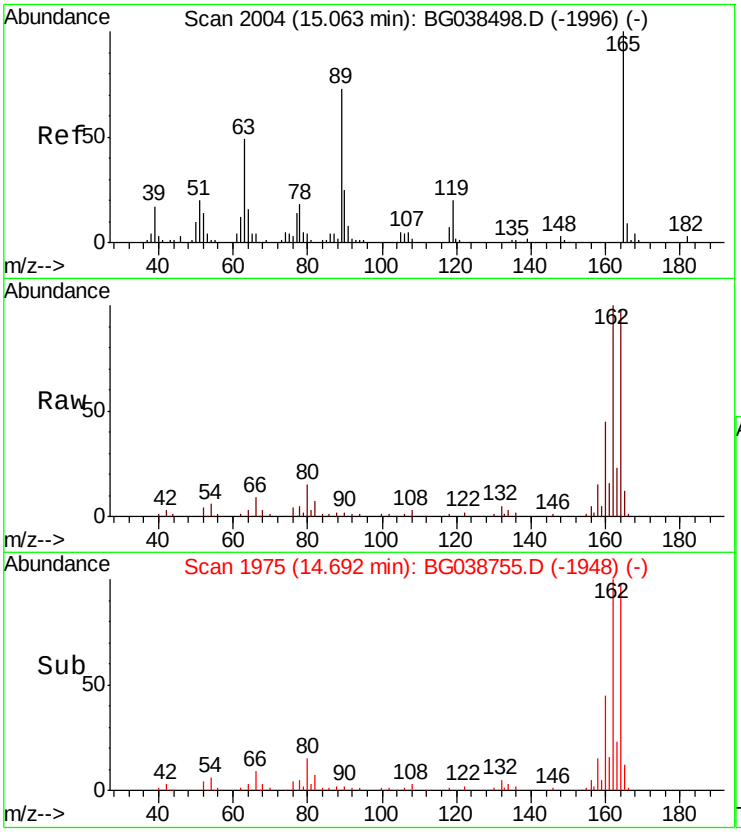


#51
2,6-Dinitrotoluene
Concen: 7.087 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:165 Resp: 9867

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



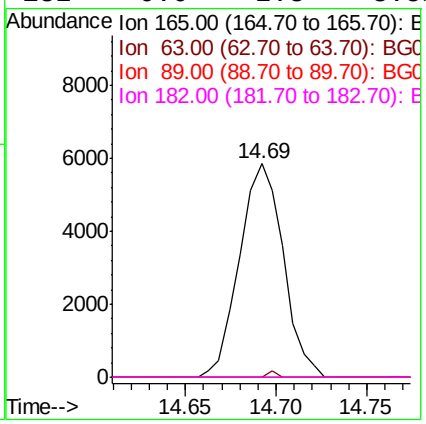


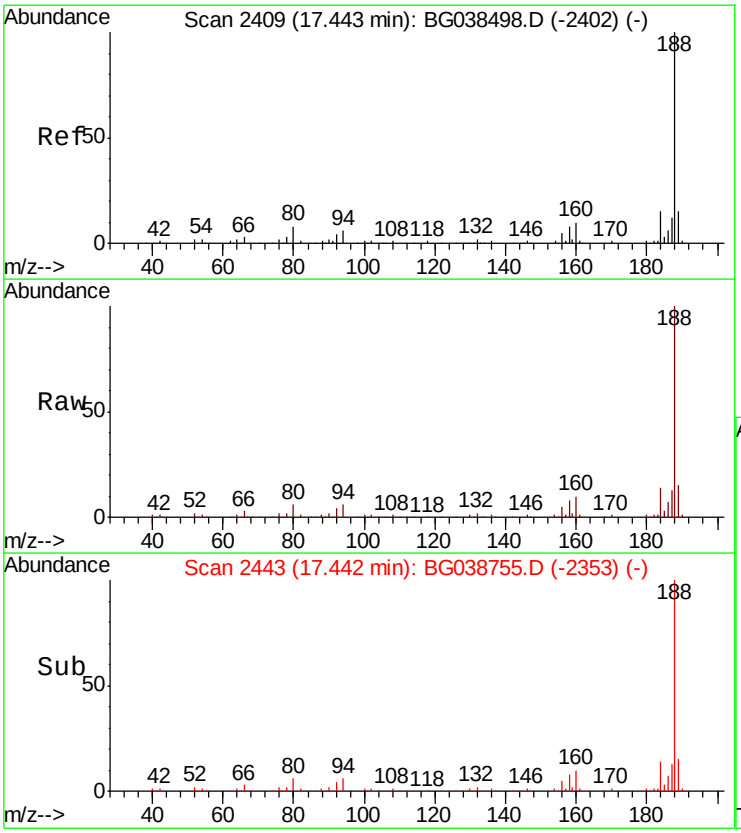
#57
2,4-Dinitrotoluene
Concen: 5.032 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9867

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

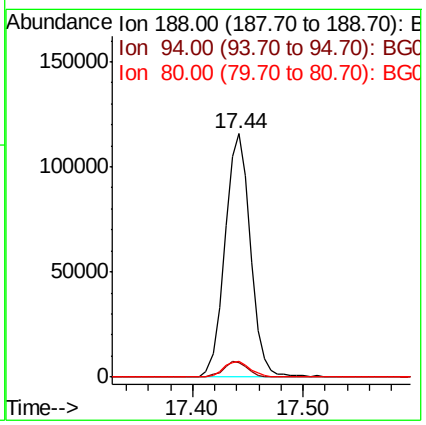


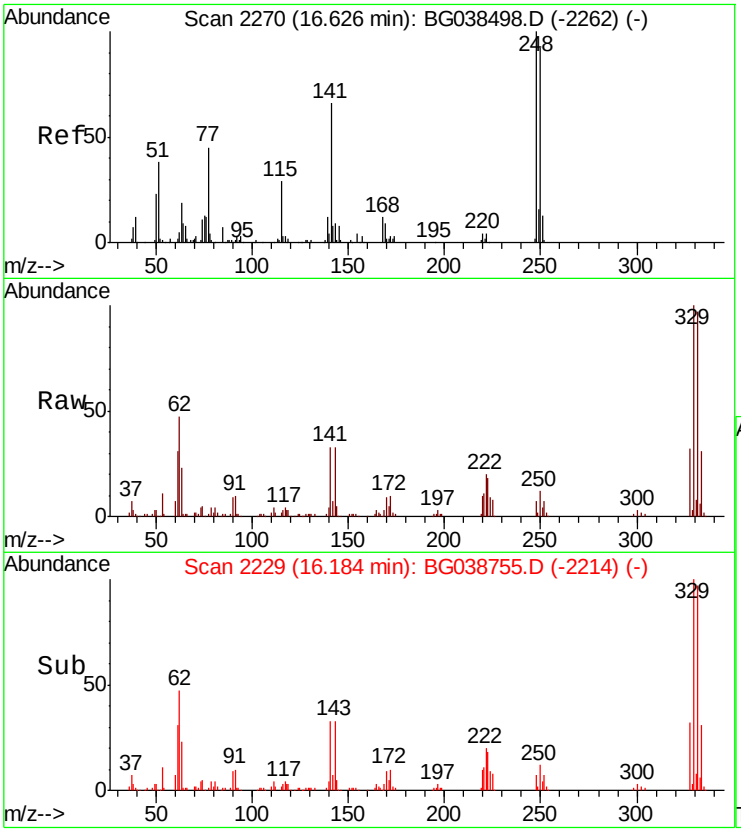


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:188 Resp: 187088

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.4	6.1	9.1



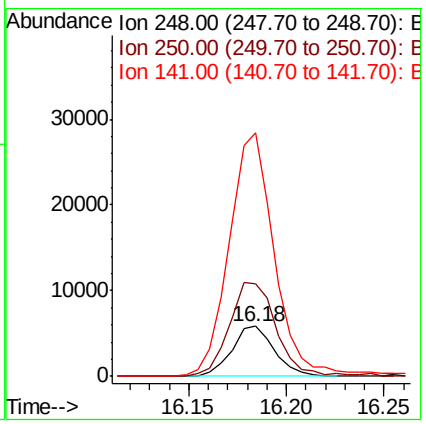


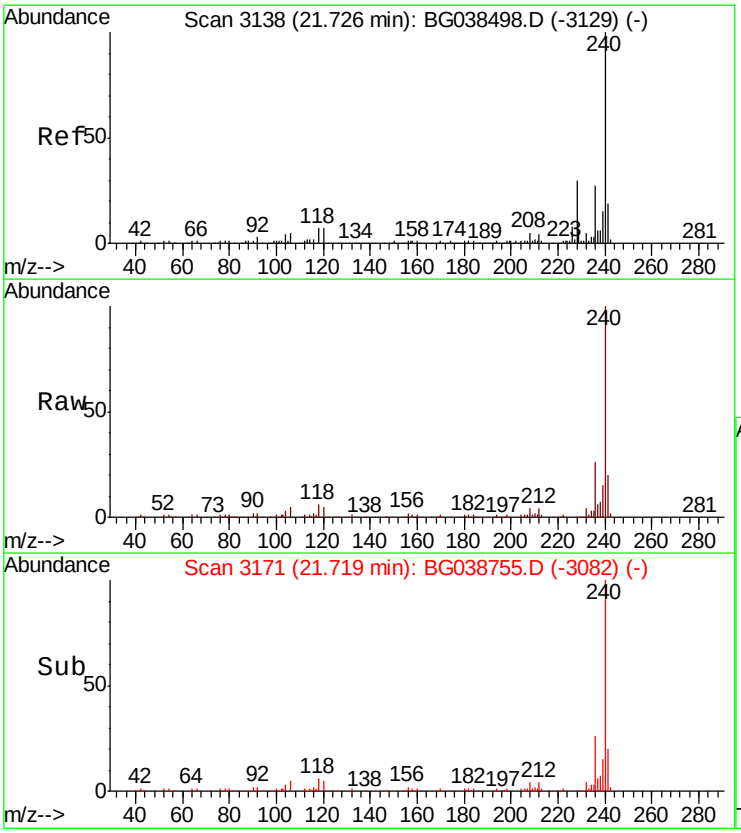
#67
4-Bromophenyl-phenylether
Concen: 3.839 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8771

Ion	Ratio	Lower	Upper
248	100		
250	188.4	73.4	110.2#
141	371.6	52.9	79.3#

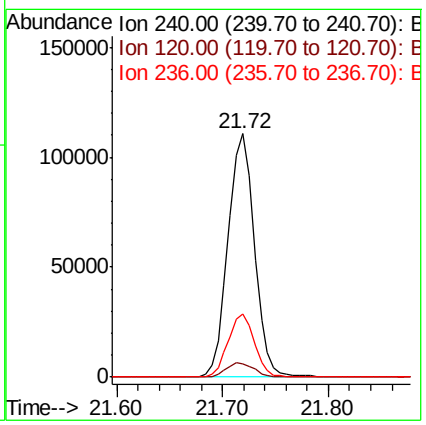


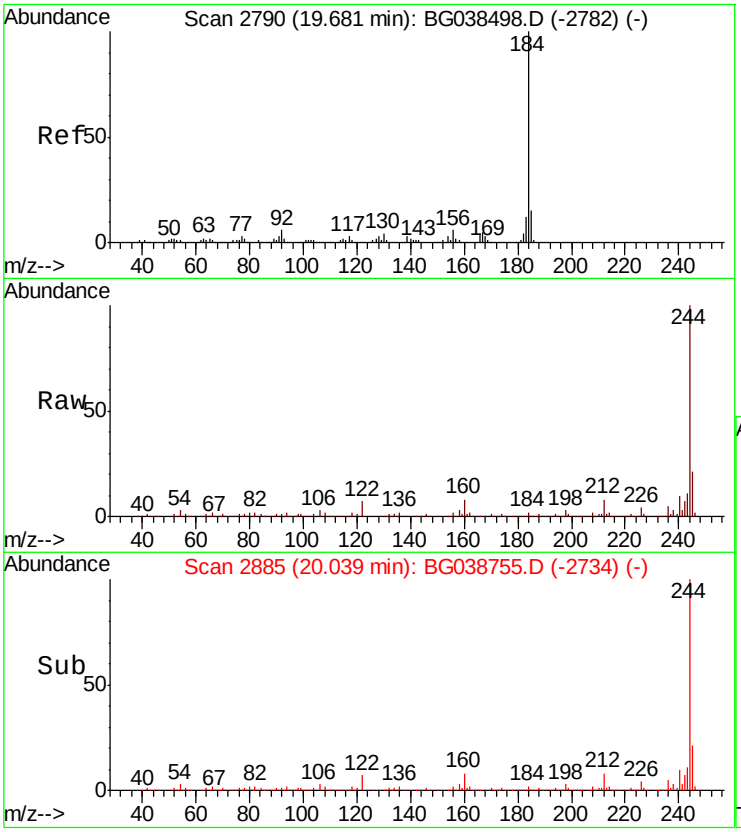


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:240 Resp: 192153

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.3	7.9#
236	26.1	21.4	32.2



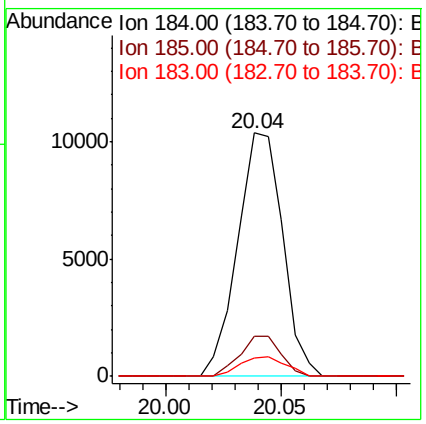


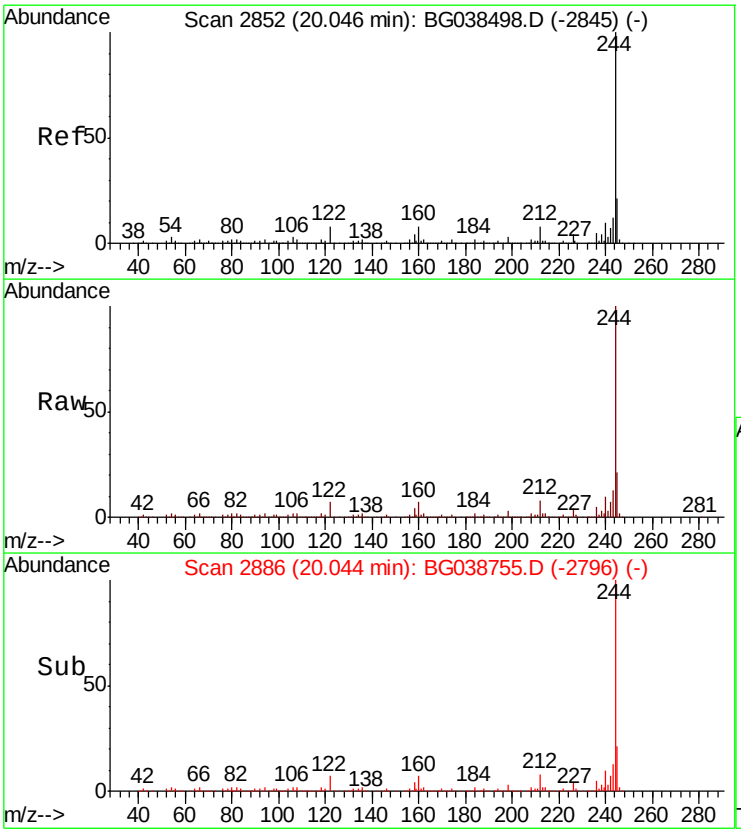
#77
Benzidine
Concen: 2.488 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 14139

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.2	18.2
183	7.7	9.6	14.4#

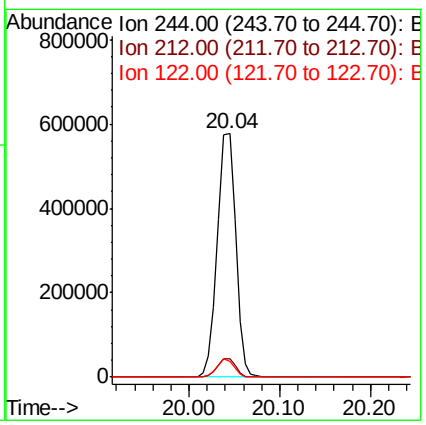


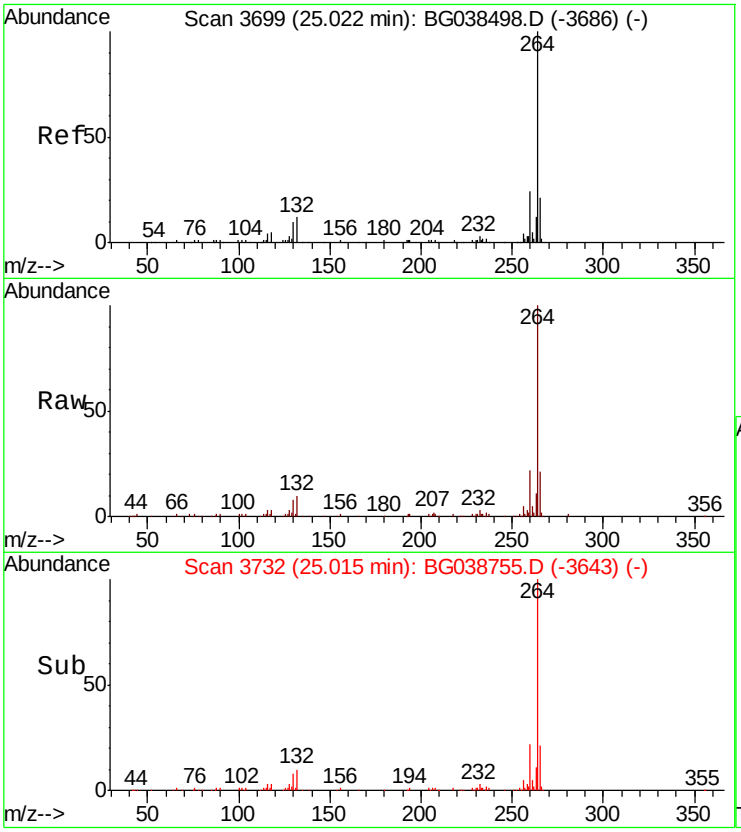


#79
Terphenyl-d14
Concen: 92.137 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:244 Resp: 813498

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	6.6	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 203619

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.5	17.0	25.4