Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
Data File : BG038776.D
Acq On : 21 Dec 2018 00:09
Operator : JU/SJ
Sample : J6478-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121718-JETT-E-D-B

Quant Time: Dec 21 04:09:03 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	26825	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	105091	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70184	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	171213	20.00	ng	0.00
76) Chrysene-d12	21.72	240	173499	20.00	ng	0.00
87) Perylene-d12	25.02	264	178848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	61944	40.96	ng	0.00
7) Phenol-d6	7.21	99	52805	25.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	194108	94.36	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	98368	101.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	504003	98.51	ng	0.00
79) Terphenyl-d14	20.04	244	745348	93.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	26208	17.972	ng	# 65
50) Dimethylphthalate	14.14	163	14717	2.568	ng	# 99
51) 2,6-Dinitrotoluene	14.70	165	8926	6.872	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	8926	4.879	ng	# 24
60) Diethylphthalate	15.49	149	14443	2.295	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	6271	2.999	ng	# 1
77) Benzidine	20.04	184	12179	2.374	ng	# 92

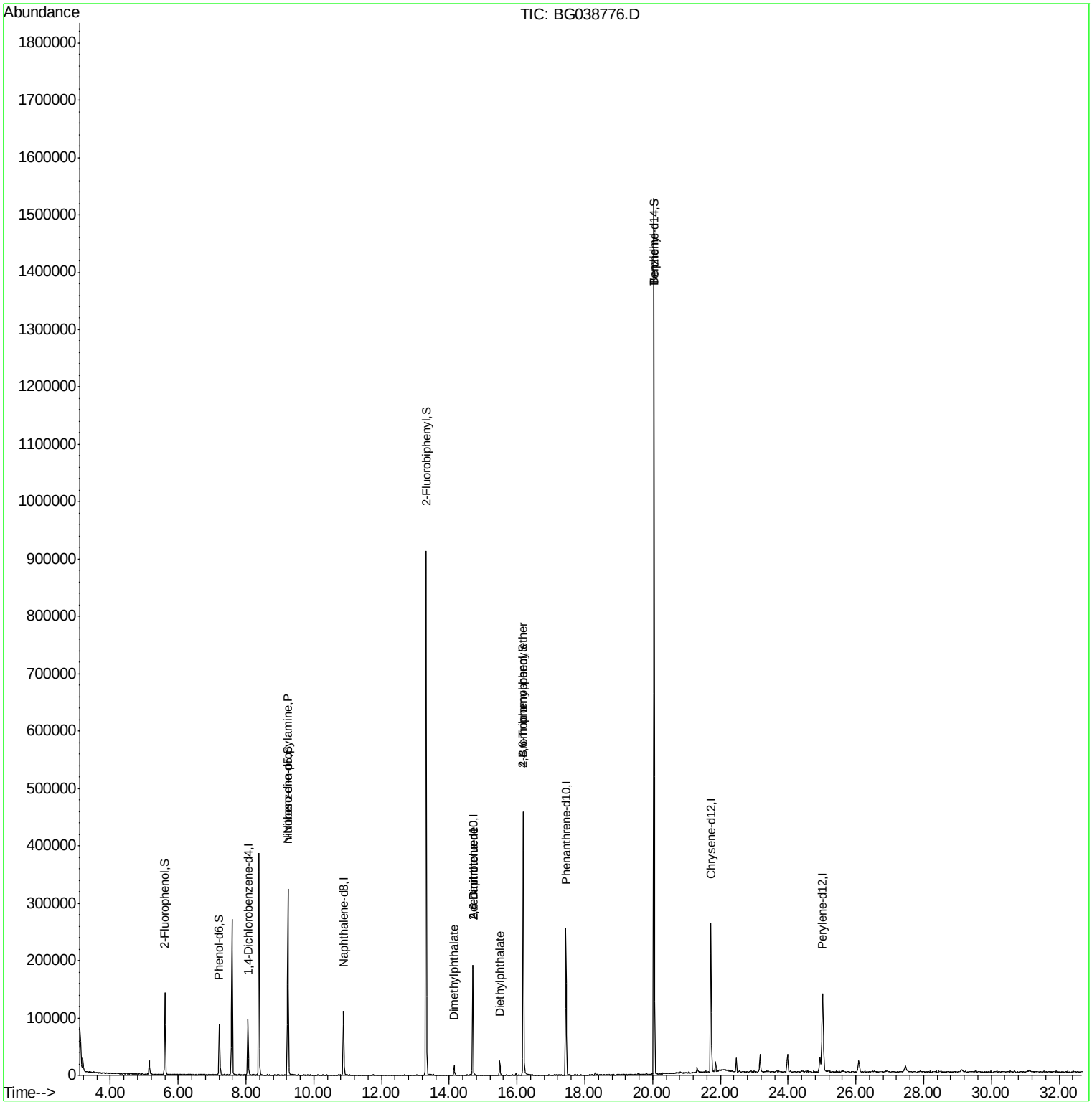
(#) = qualifier out of range (m) = manual integration (+) = signals summed

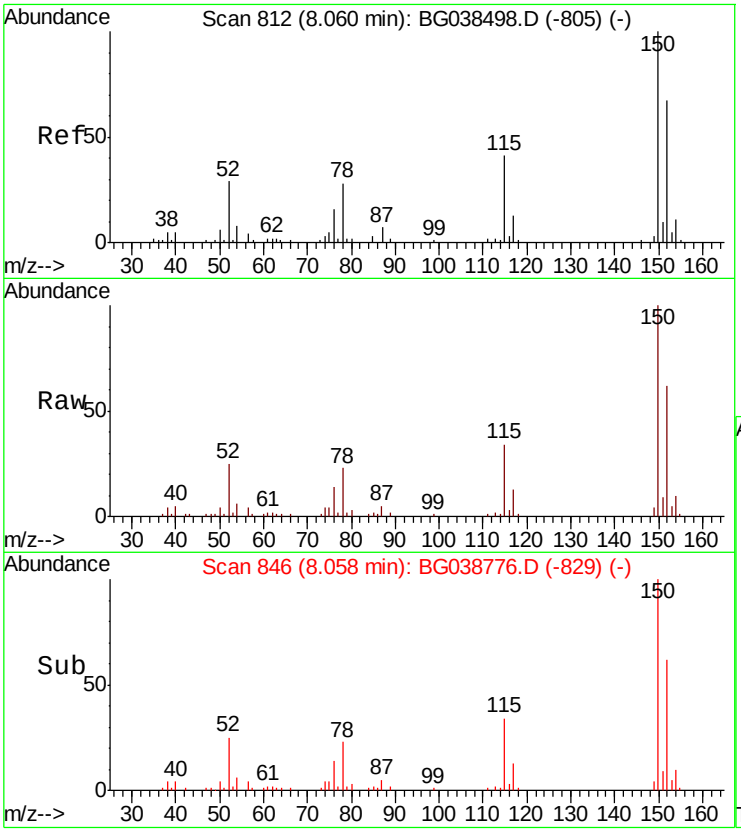
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
Data File : BG038776.D
Acq On : 21 Dec 2018 00:09
Operator : JU/SJ
Sample : J6478-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Quant Time: Dec 21 04:09:03 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



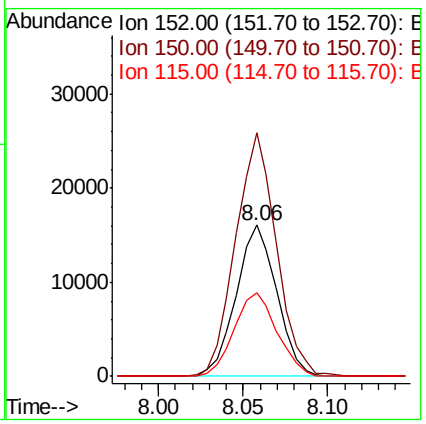


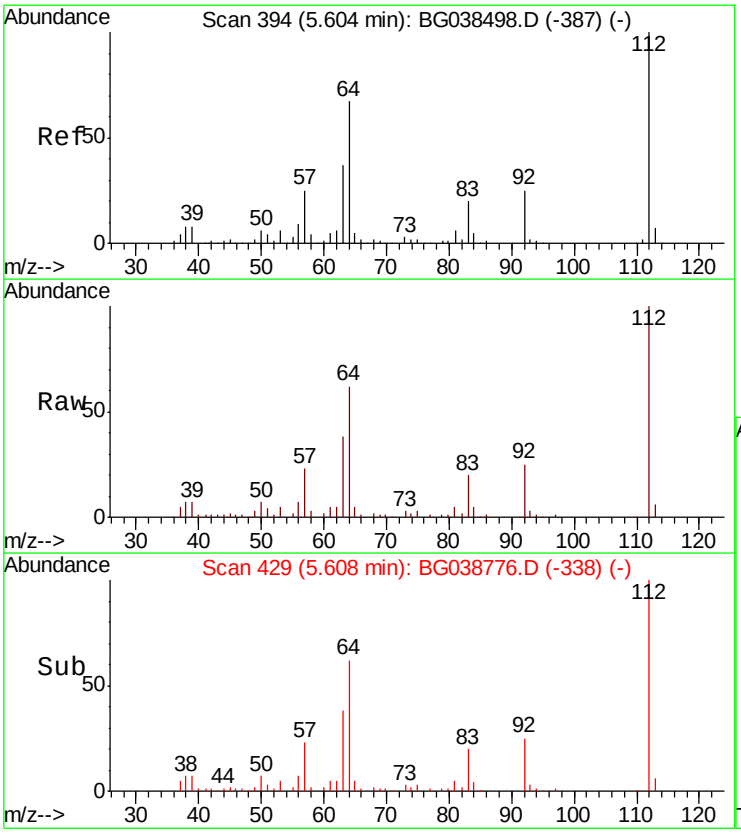
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:152 Resp: 26825

Ion	Ratio	Lower	Upper
152	100		
150	161.3	119.5	179.3
115	55.1	49.6	74.4

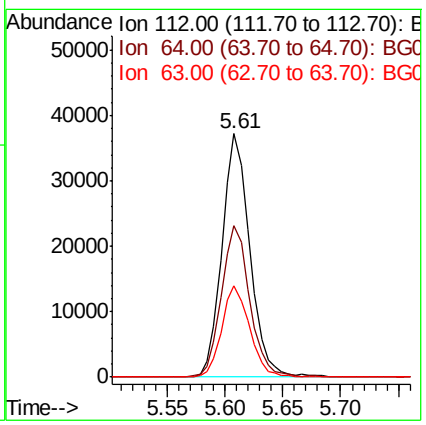


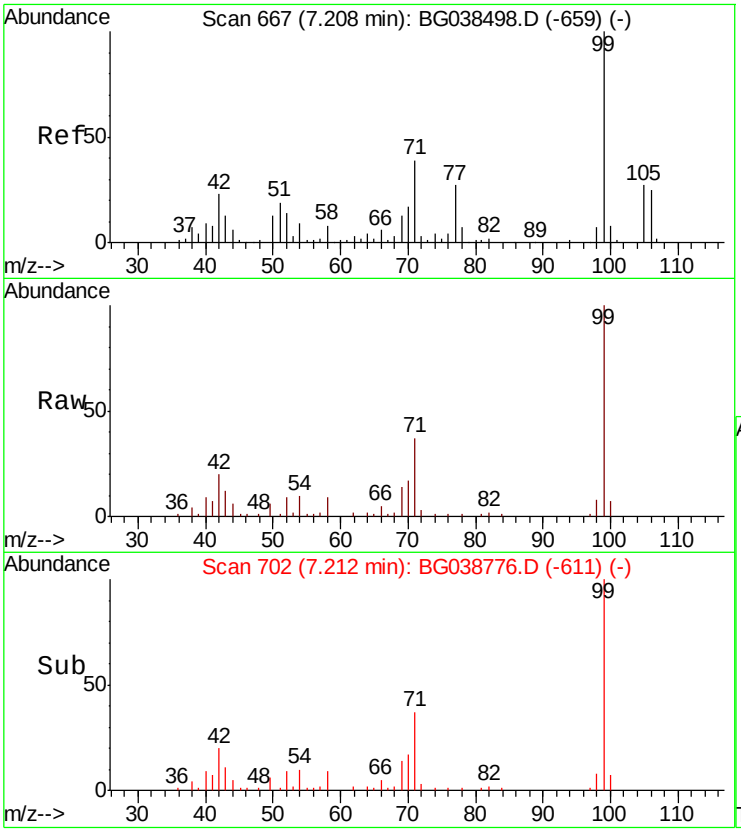


#5
2-Fluorophenol
Concen: 40.957 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:112 Resp: 61944

Ion	Ratio	Lower	Upper
112	100		
64	62.4	53.4	80.2
63	37.5	29.3	43.9



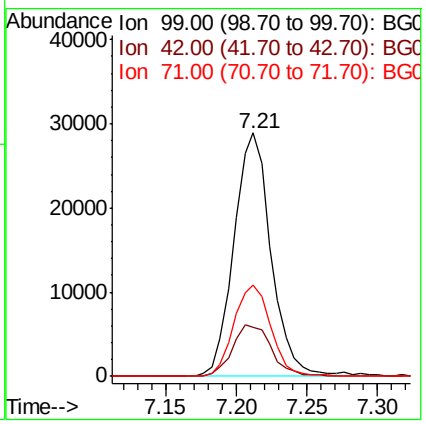


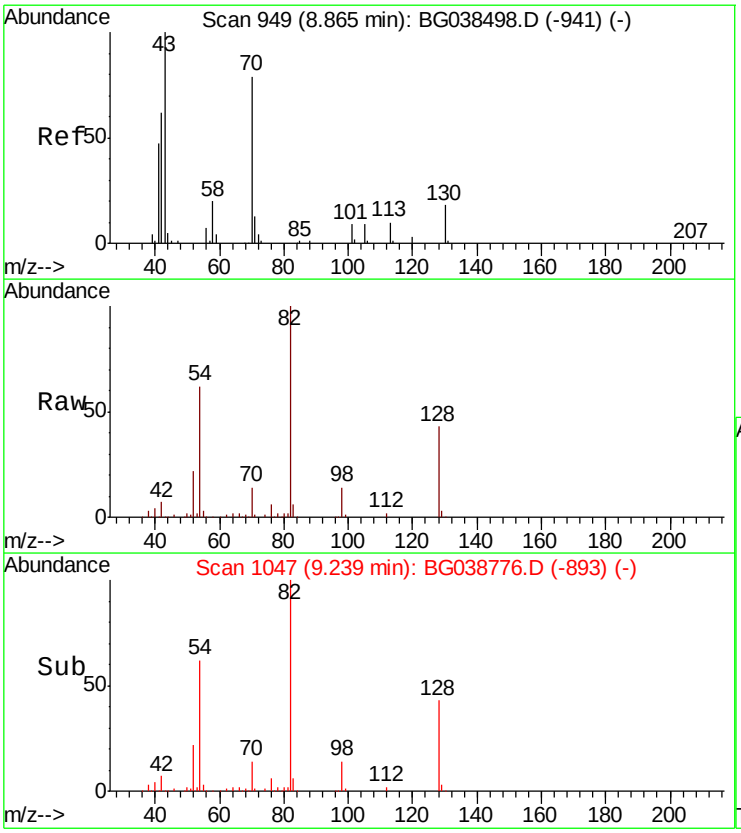
#7
Phenol-d6
Concen: 25.433 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion: 99 Resp: 52805

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.5	27.7
71	37.4	31.1	46.7

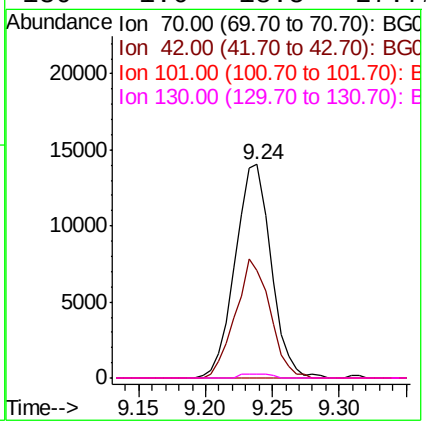


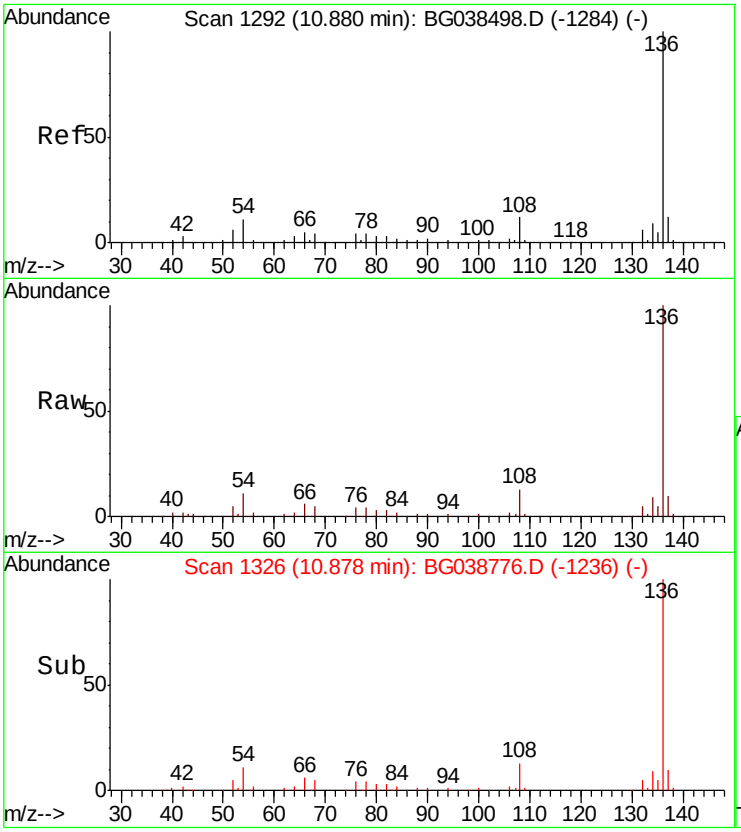


#19
n-Nitroso-di-n-propylamine
Concen: 17.972 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion: 70 Resp: 26208

Ion	Ratio	Lower	Upper
70	100		
42	50.2	63.6	95.4#
101	0.0	9.2	13.8#
130	1.6	18.5	27.7#



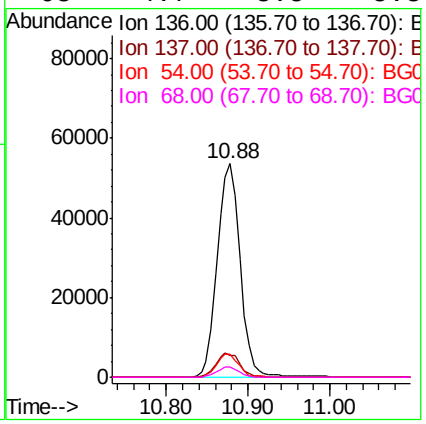


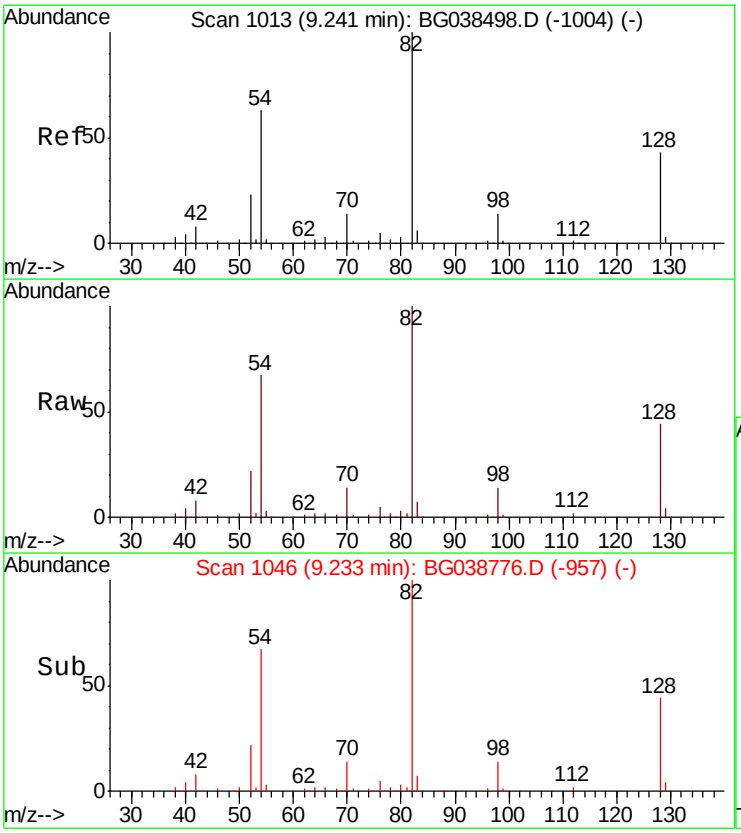
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:136 Resp: 105091

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.3	13.9
54	10.5	8.5	12.7
68	4.7	3.5	5.3

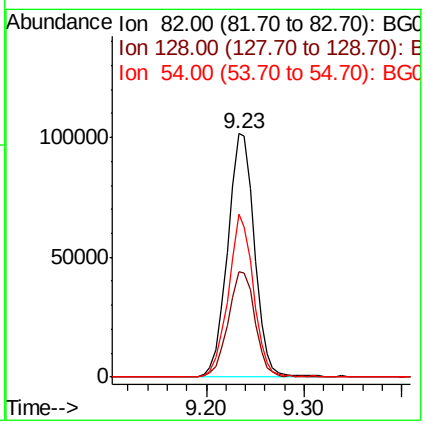


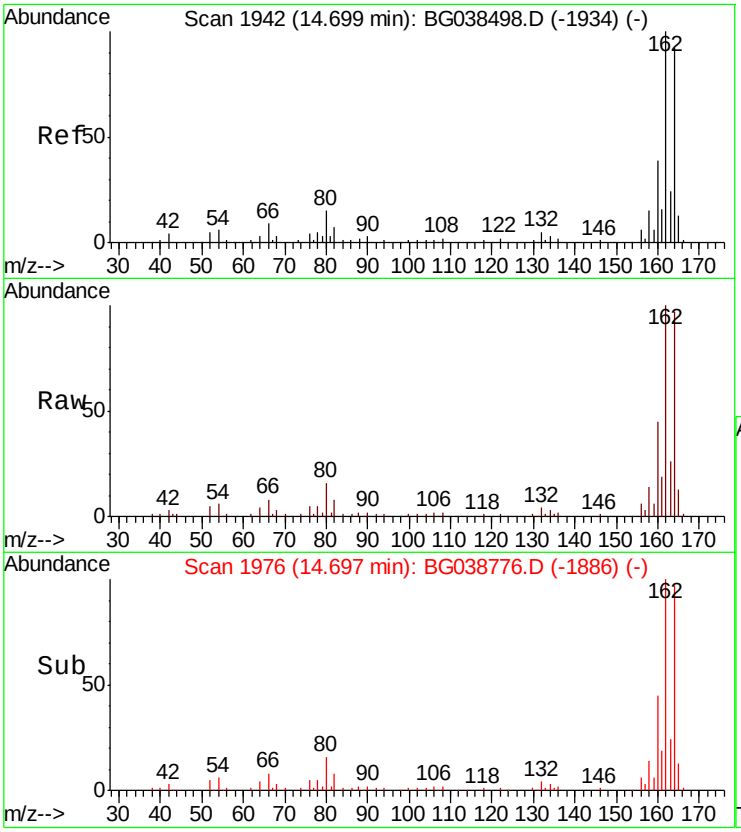


#23
Nitrobenzene-d5
Concen: 94.360 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion: 82 Resp: 194108

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	67.0	50.6	76.0



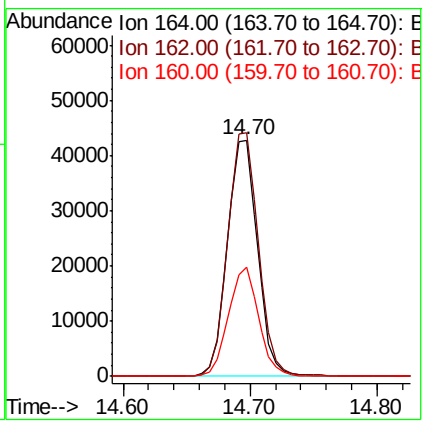


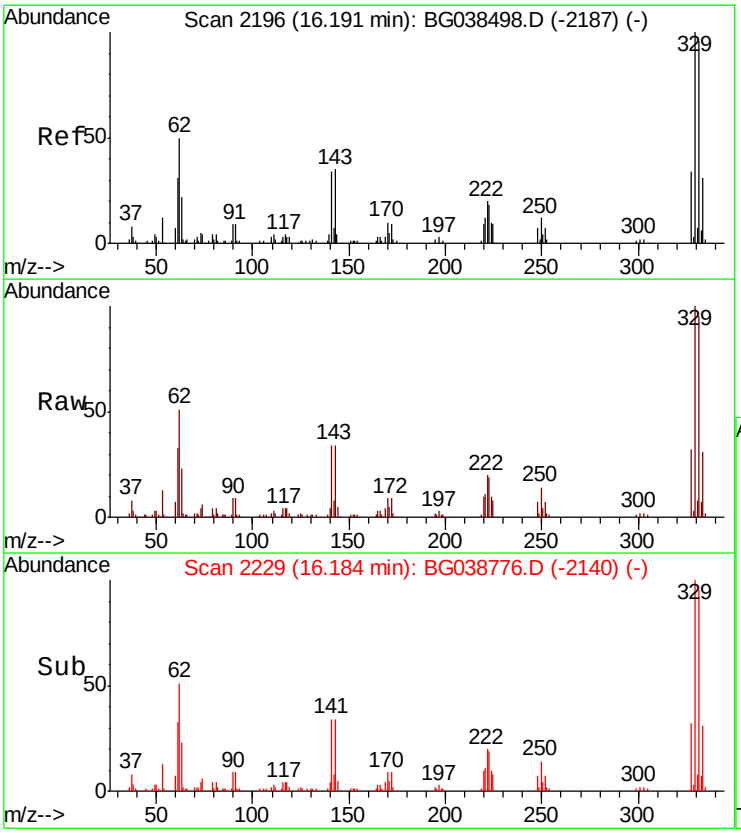
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:164 Resp: 70184

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.6	130.0
160	46.0	34.2	51.2

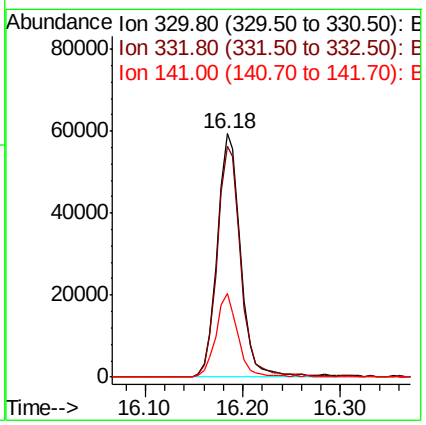


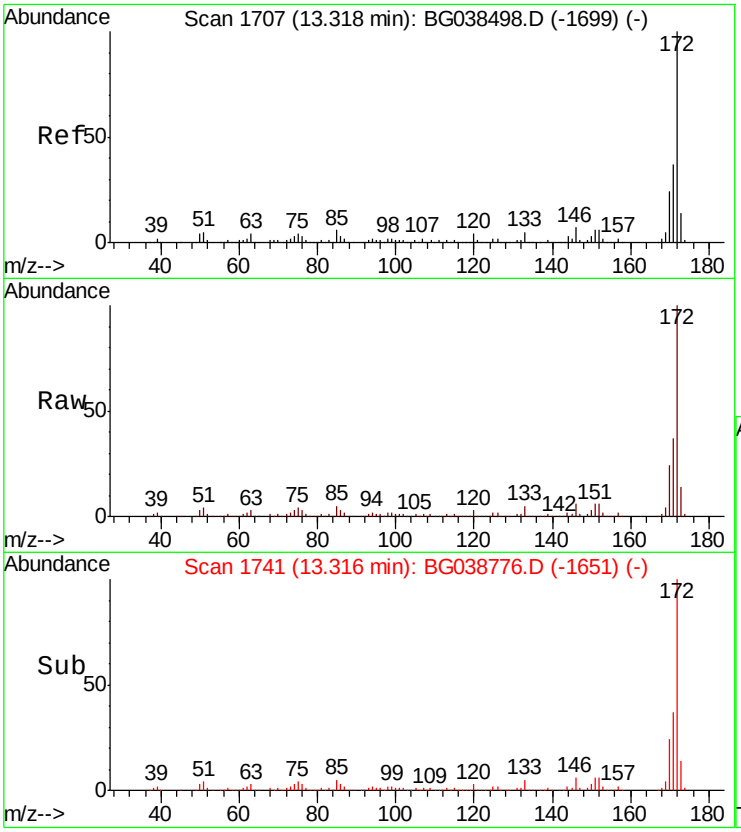


#42
2,4,6-Tribromophenol
Concen: 101.697 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:330 Resp: 98368

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	32.1	28.8	43.2



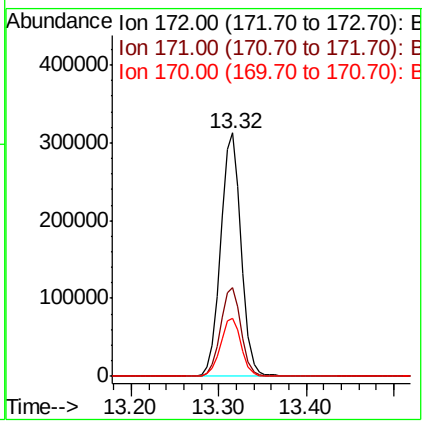


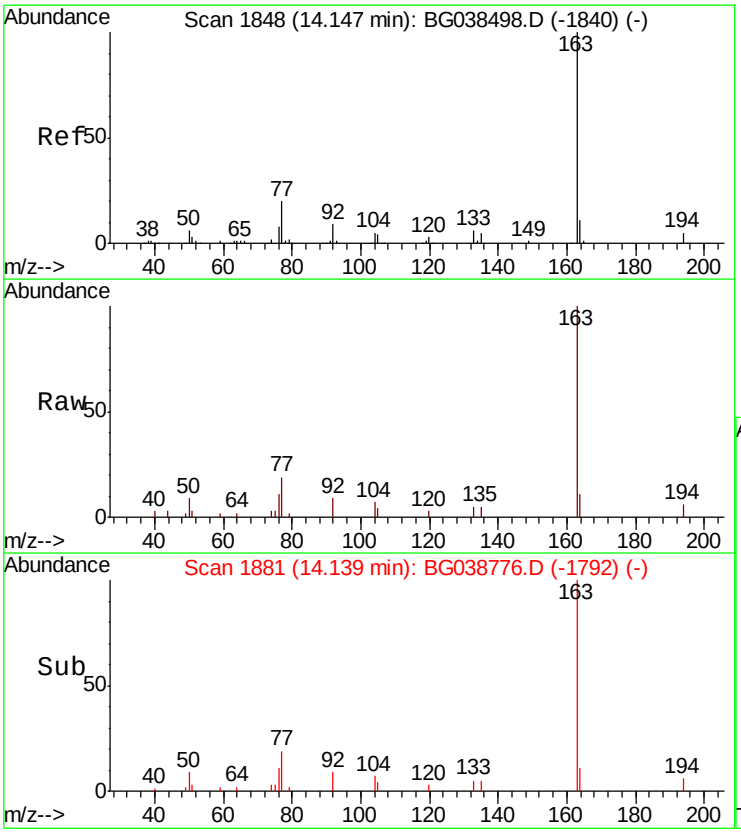
#45
2-Fluorobiphenyl
Concen: 98.515 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:172 Resp: 504003

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.0	19.5	29.3

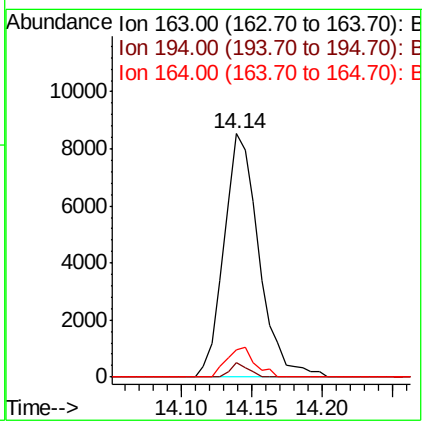


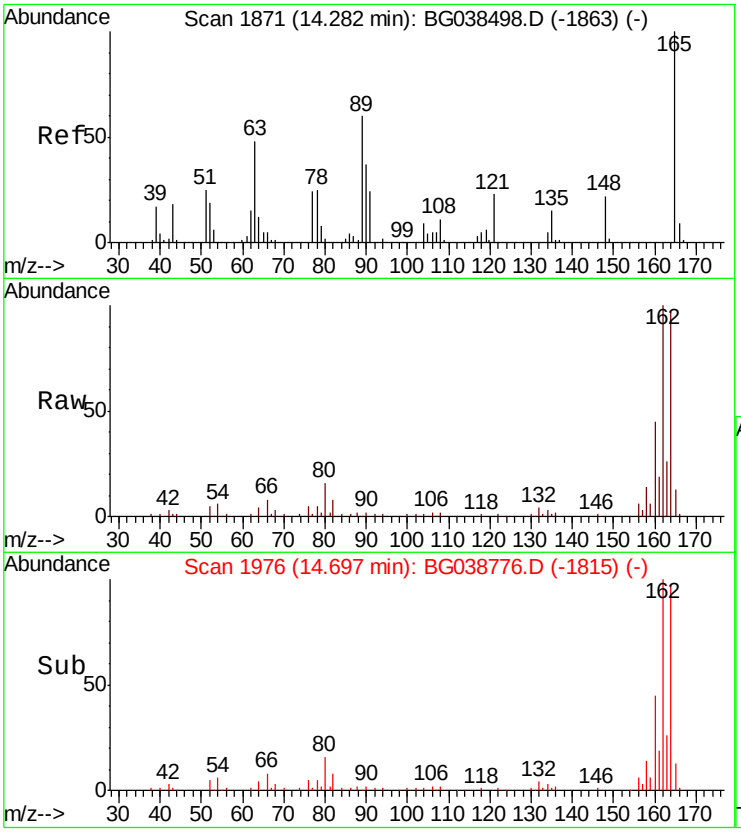


#50
Dimethylphthalate
Concen: 2.568 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:163 Resp: 14717

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.7	5.5#
164	11.0	8.6	12.8



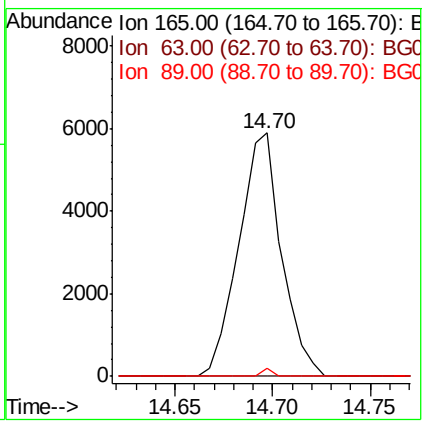


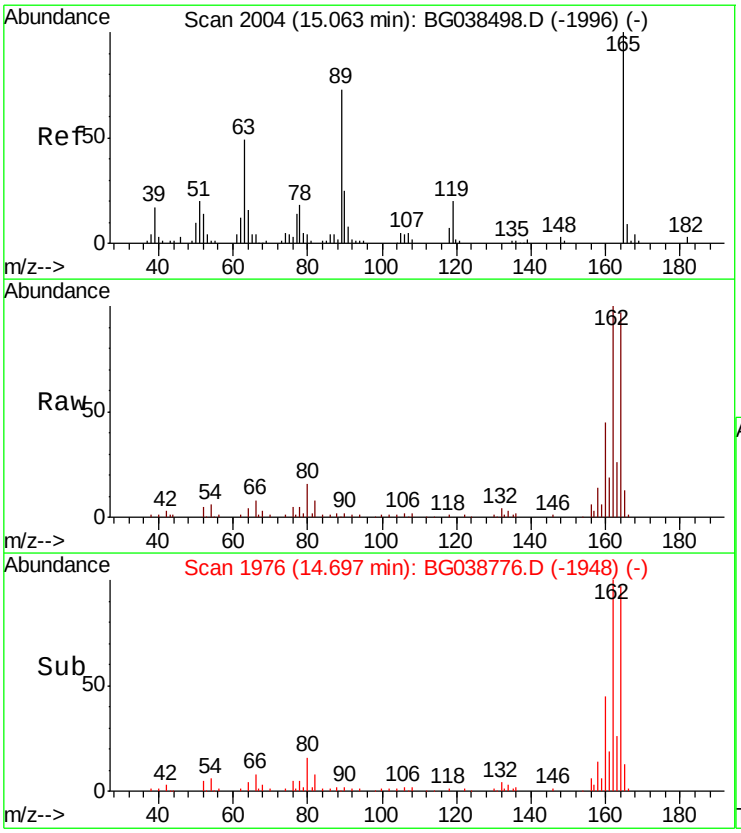
#51
2,6-Dinitrotoluene
Concen: 6.872 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:165 Resp: 8926

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	3.6	47.9	71.9#

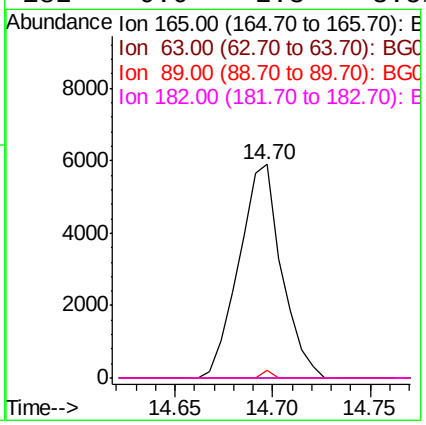


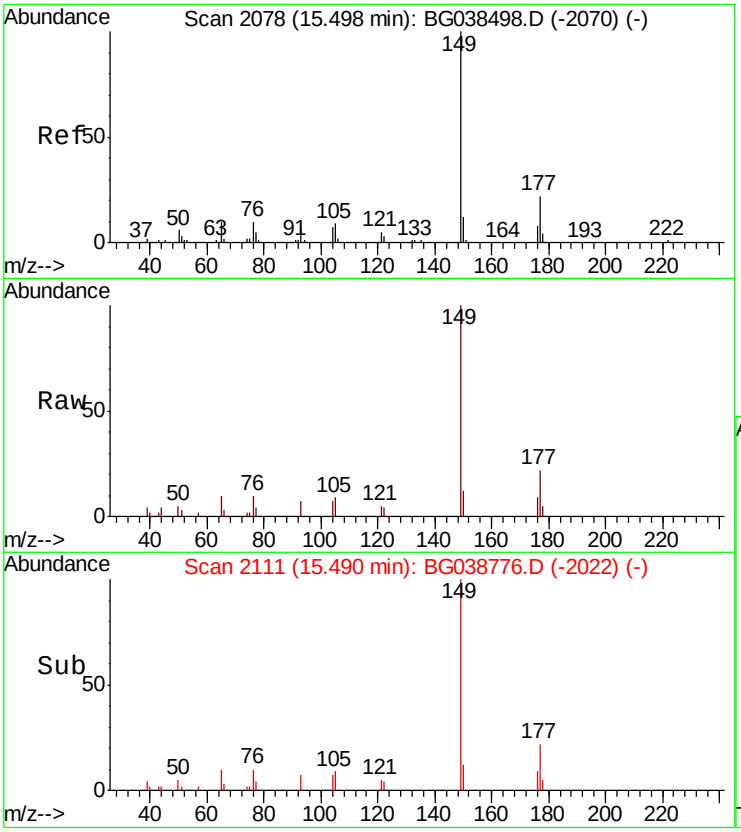


#57
2,4-Dinitrotoluene
Concen: 4.879 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:165 Resp: 8926

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	3.6	58.0	87.0#
182	0.0	2.3	3.5#



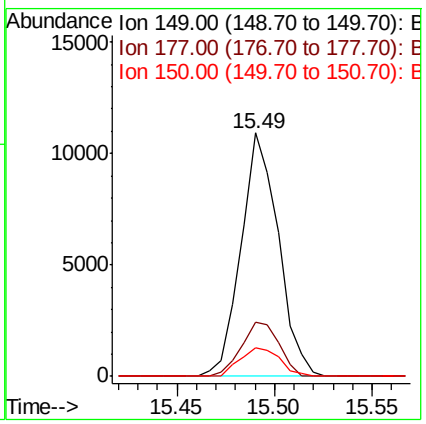


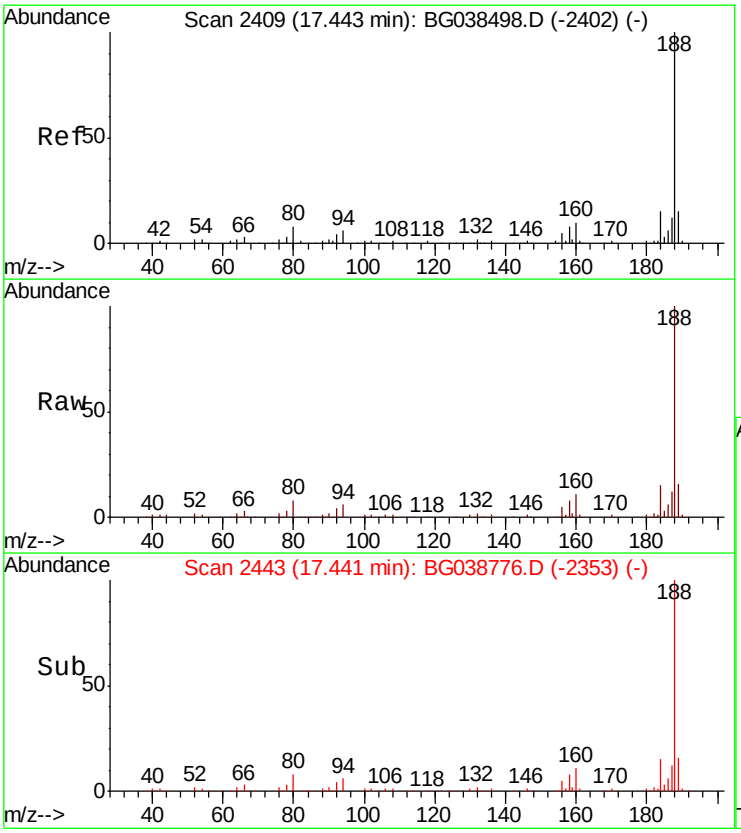
#60
Diethylphthalate
Concen: 2.295 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:149 Resp: 14443

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	11.8	9.9	14.9

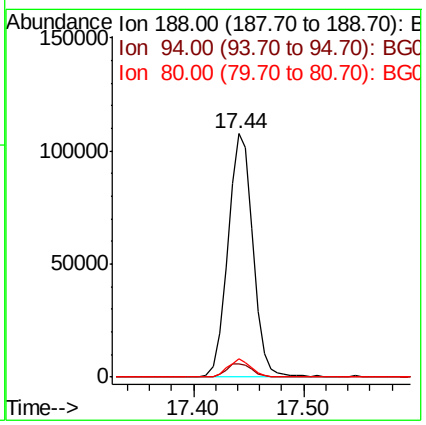


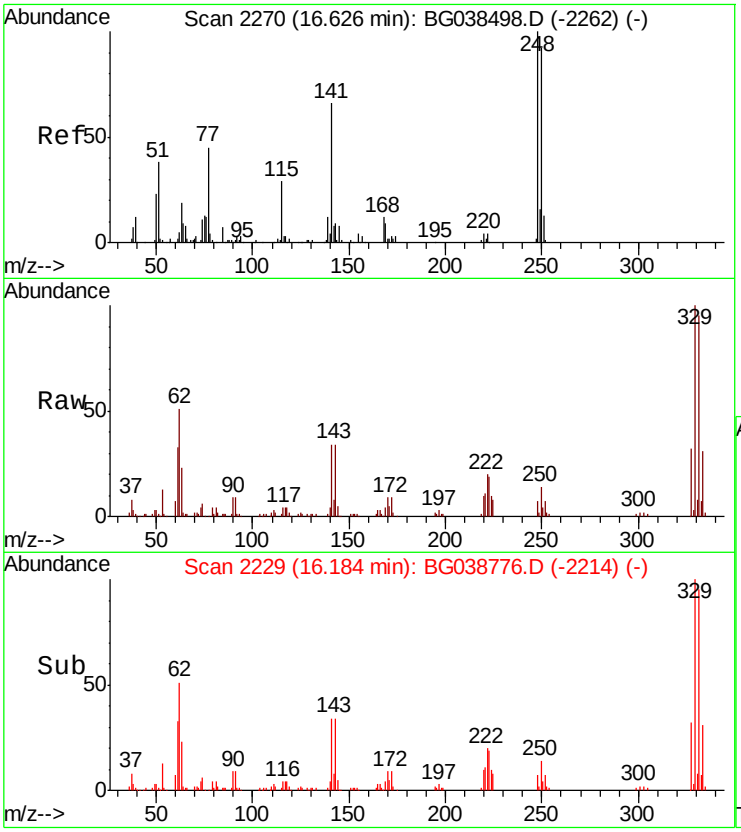


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:188 Resp: 171213

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	7.6	6.1	9.1



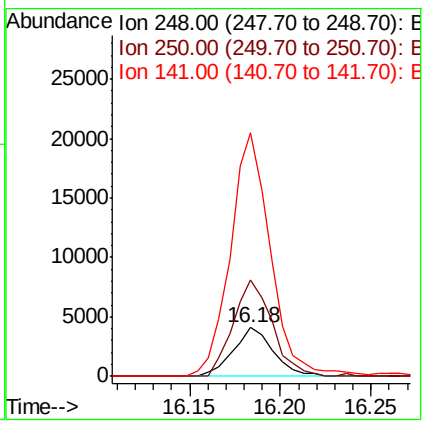


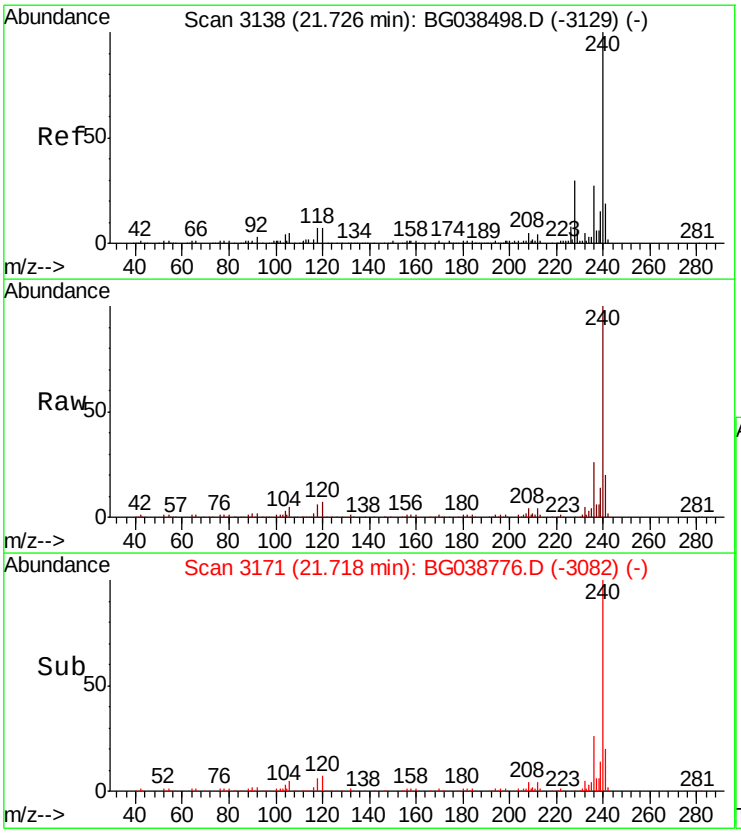
#67
4-Bromophenyl-phenylether
Concen: 2.999 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:248 Resp: 6271

Ion	Ratio	Lower	Upper
248	100		
250	196.1	73.4	110.2#
141	382.2	52.9	79.3#

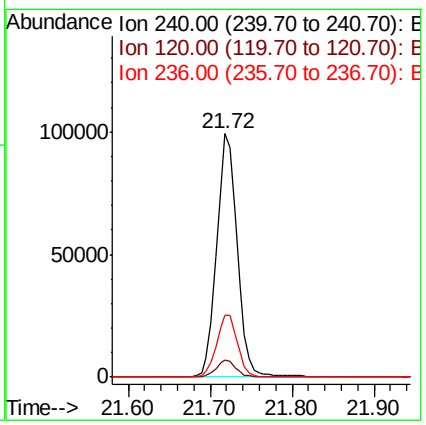


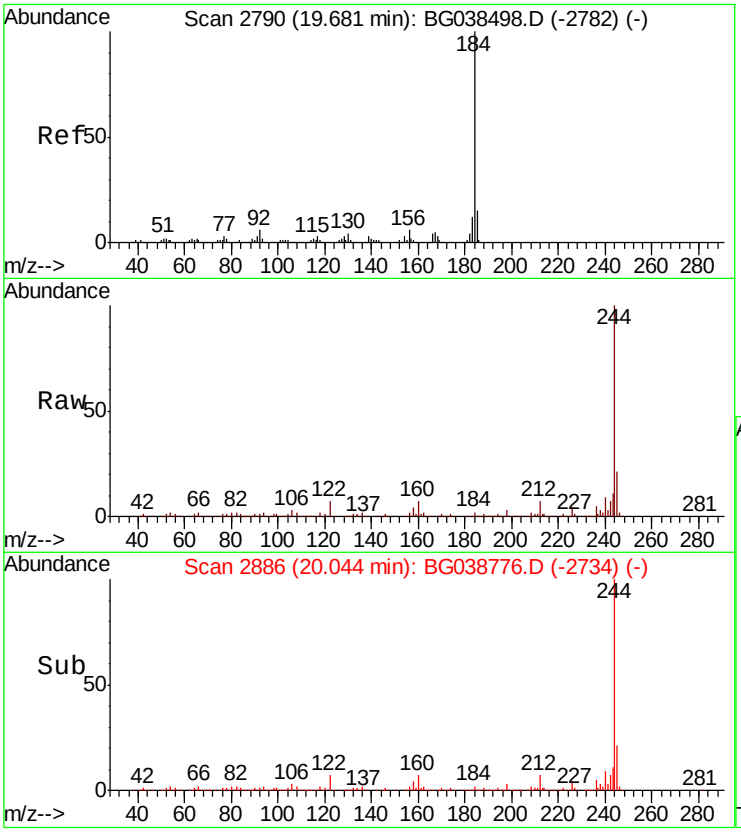


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:240 Resp: 173499

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.5	21.4	32.2



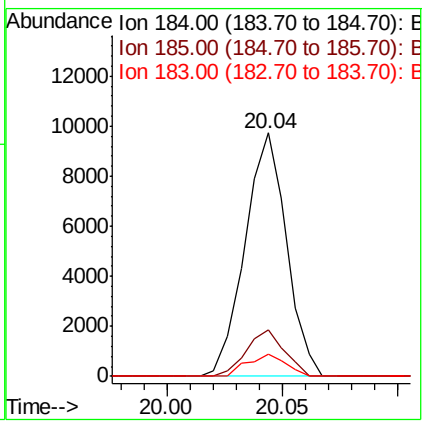


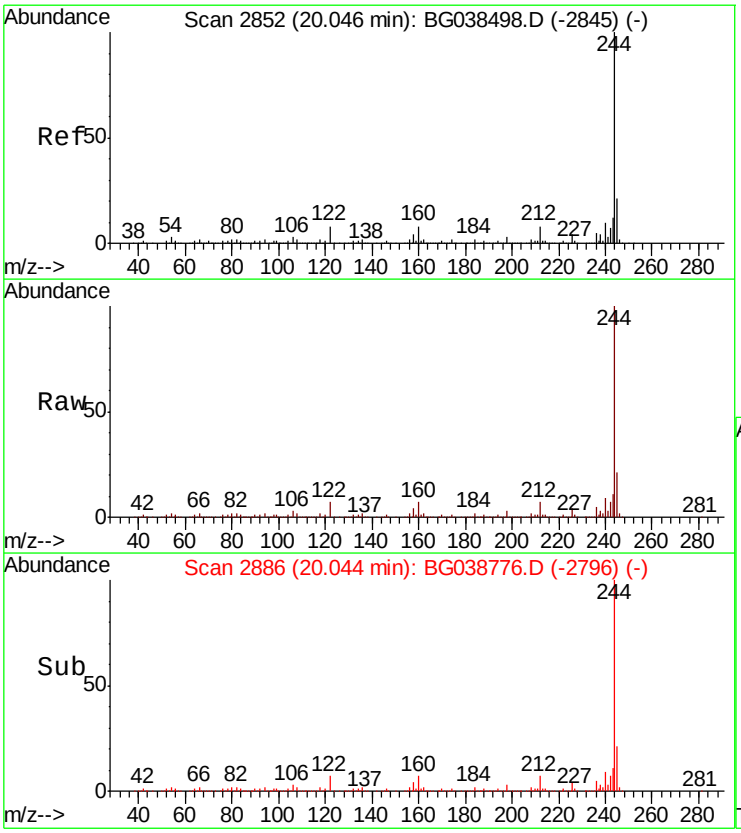
#77
Benzidine
Concen: 2.374 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:184 Resp: 12179

Ion	Ratio	Lower	Upper
184	100		
185	19.2	12.2	18.2#
183	9.3	9.6	14.4#

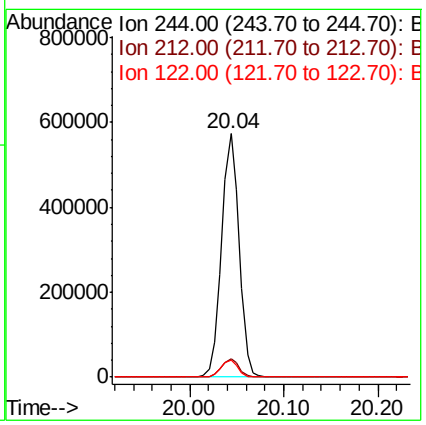


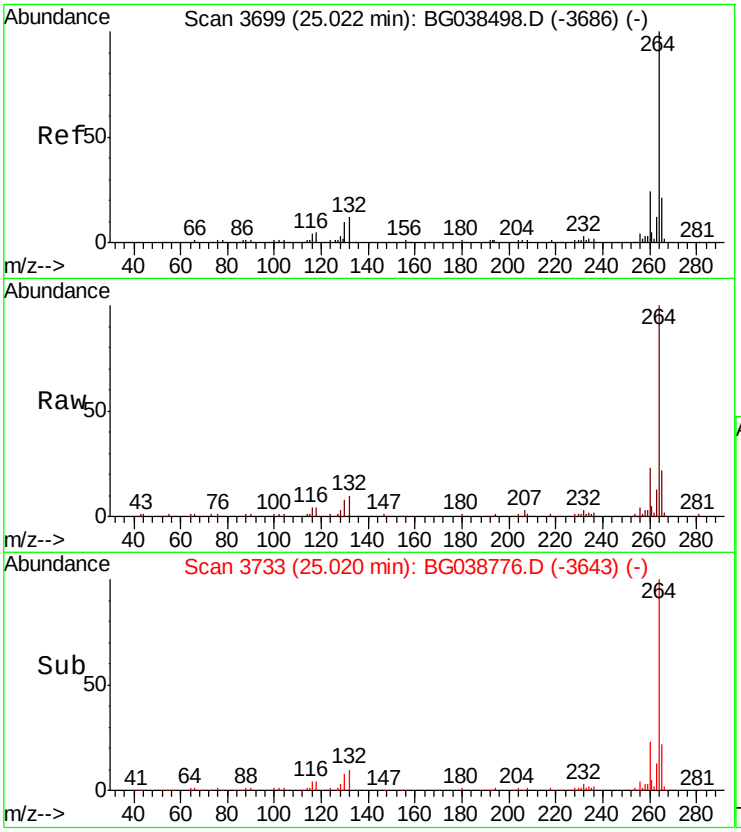


#79
Terphenyl-d14
Concen: 93.495 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Tgt Ion:244 Resp: 745348

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	7.2	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038776.D
Acq: 21 Dec 2018 00:09

Instrument :
BNA_G
ClientSampleId :
121718-JETT-E-D-B

Tgt Ion:264 Resp: 178848

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.6	17.0	25.4