Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071819\

Quantitation Report (Not Reviewed)

Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

Quant Time: Jul 19 08:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	123110	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	496113	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	317130	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	745982	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	712057	20.00	ng	-0.01
87) Perylene-d12	24.85	264	813361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	352294	46.78	ng	0.00
7) Phenol-d6	7.20	99	313024	30.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	615721	75.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	413727	115.76	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1495986	73.05	ng	0.00
79) Terphenyl-d14	20.00	244	2150585	70.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	550	Below Cal	#	64
19) n-Nitroso-di-n-propylamine	9.20	70	82697	11.170	ng	# 73
32) Benzoic acid	10.15	122	60	6.022	ng	# 1
50) Dimethylphthalate	14.11	163	86901	3.489	ng	97
51) 2,6-Dinitrotoluene	14.66	165	41701	7.893	ng	# 27
57) 2,4-Dinitrotoluene	14.66	165	41701	5.971	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1345	7.001	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	32490	3.660	ng	# 1
77) Benzidine	20.00	184	39165	Below Cal	#	91

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

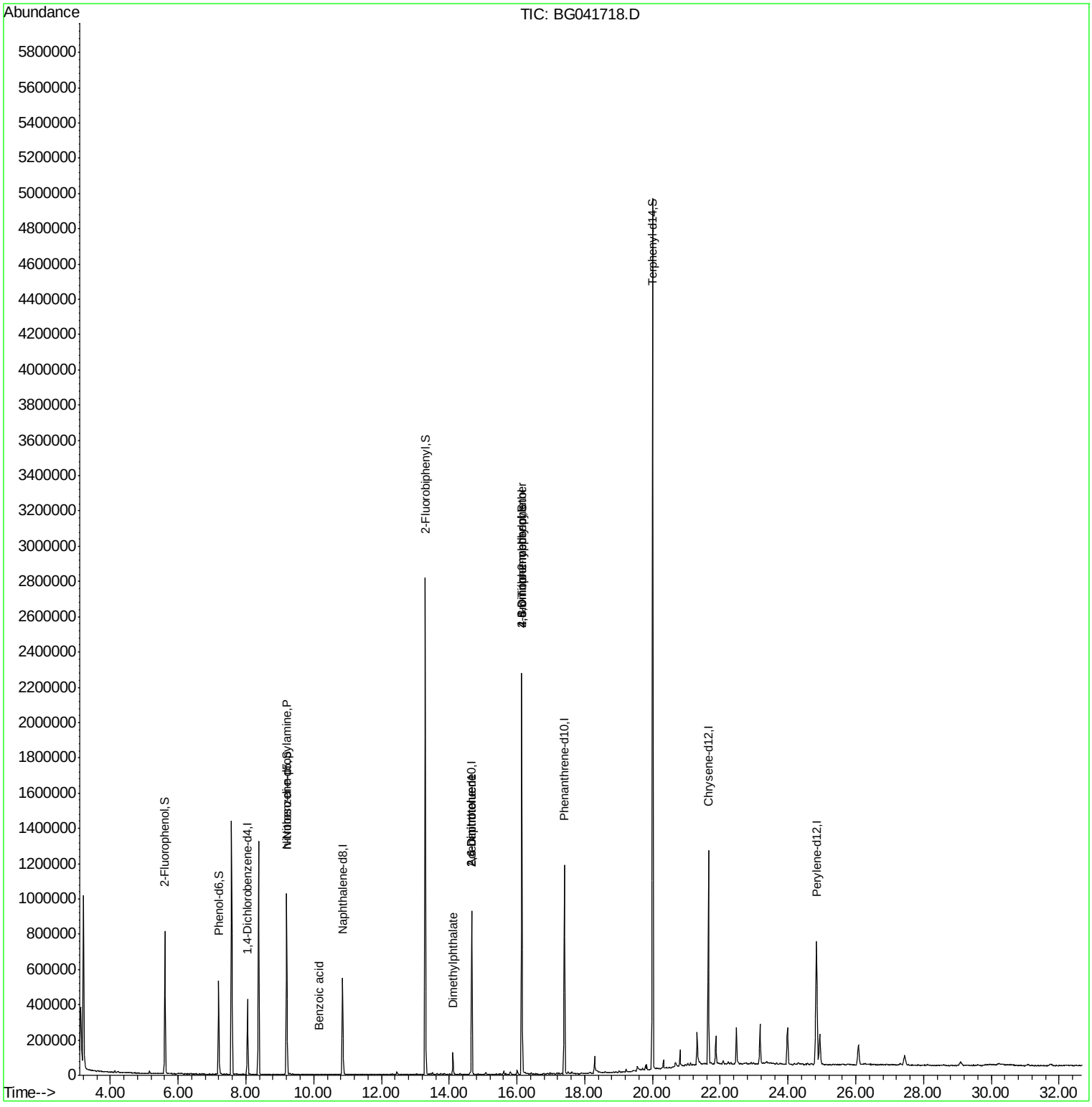
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071819\

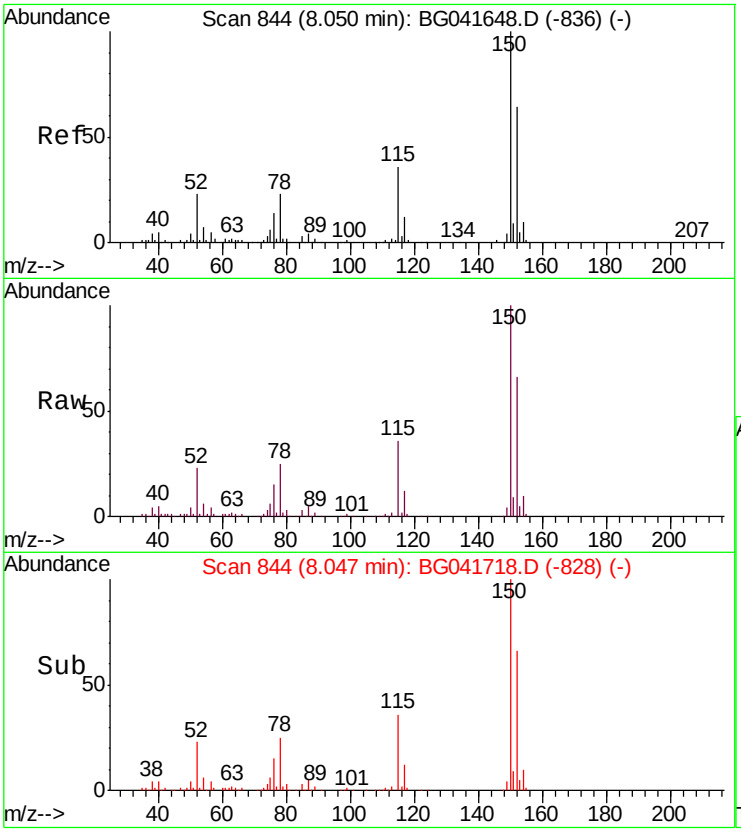
Quantitation Report (Not Reviewed)

Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

Quant Time: Jul 19 08:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration



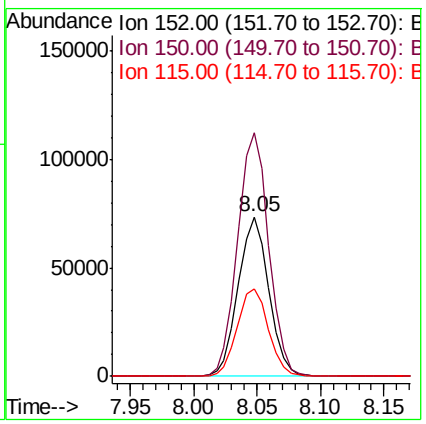


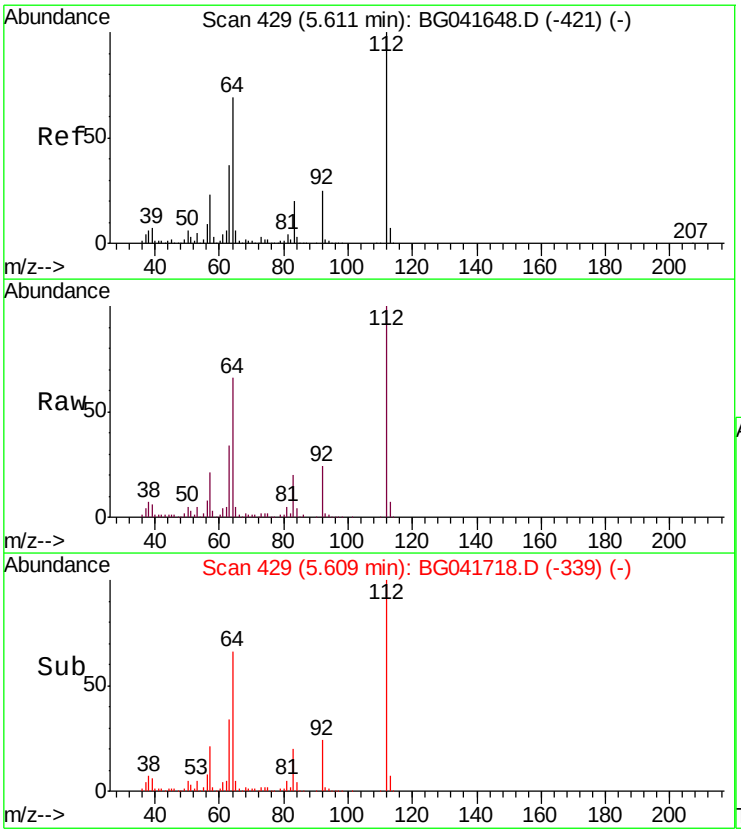
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:152 Resp: 123110

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.9	190.3
115	55.1	45.0	67.6

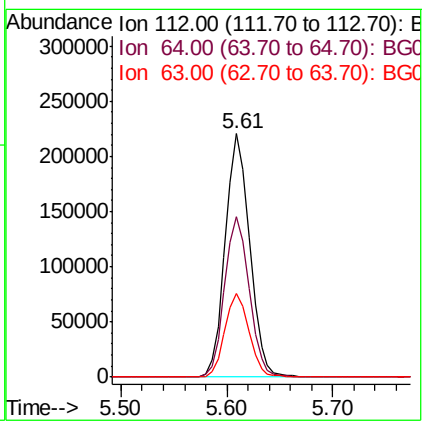


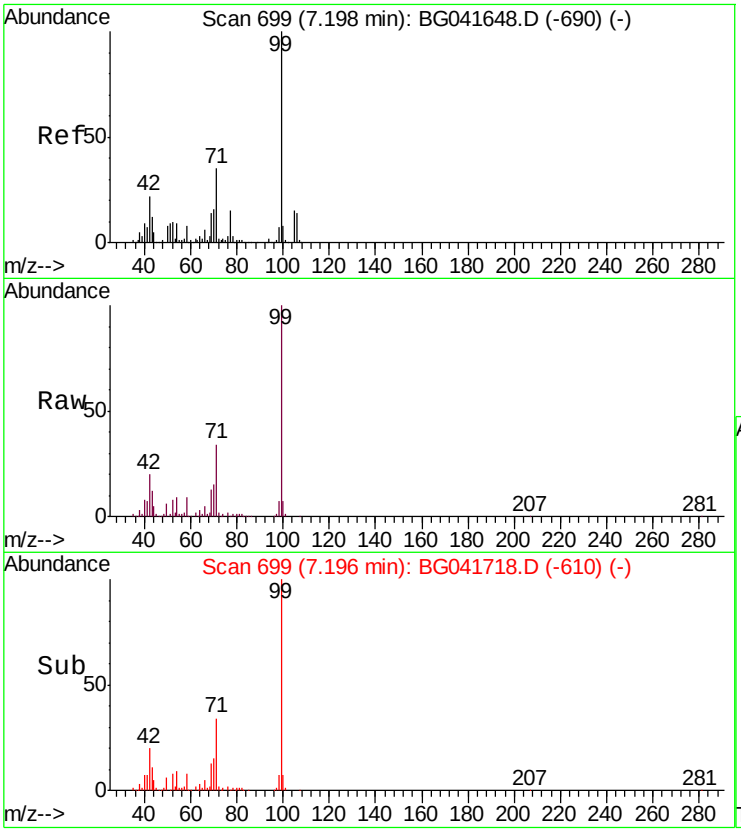


#5
2-Fluorophenol
Concen: 46.780 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:112 Resp: 352294

Ion	Ratio	Lower	Upper
112	100		
64	65.8	55.4	83.2
63	34.4	29.1	43.7



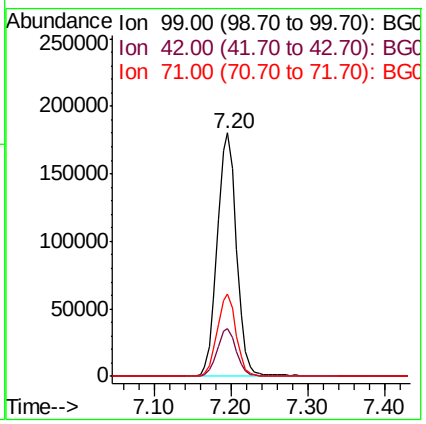


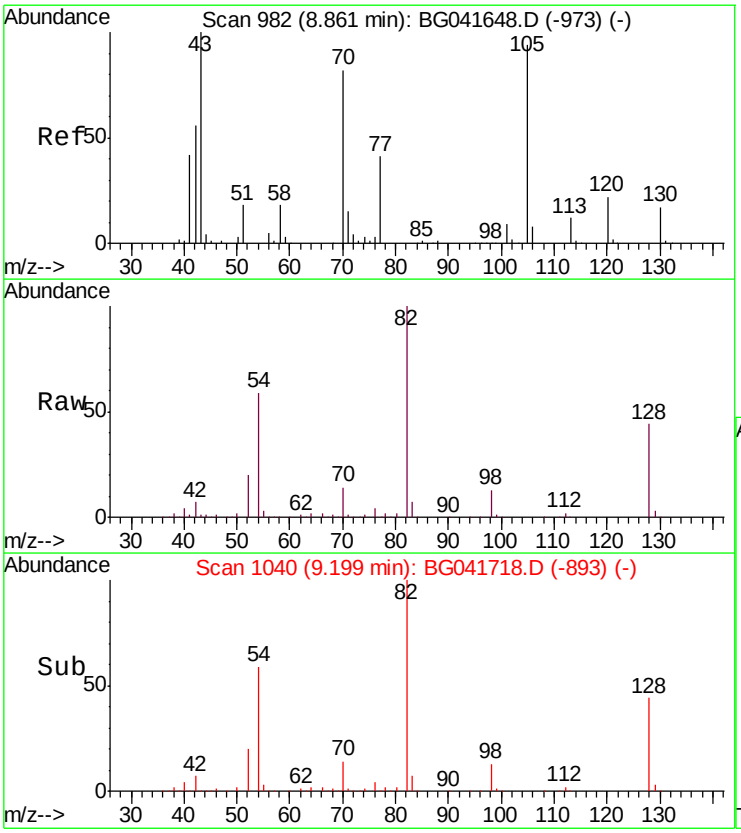
#7
Phenol-d6
Concen: 30.903 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion: 99 Resp: 313024

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.6	26.4
71	33.7	27.8	41.6

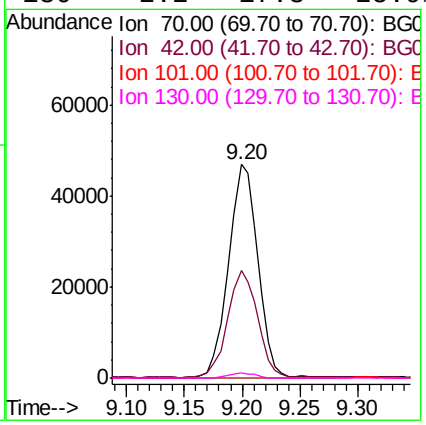


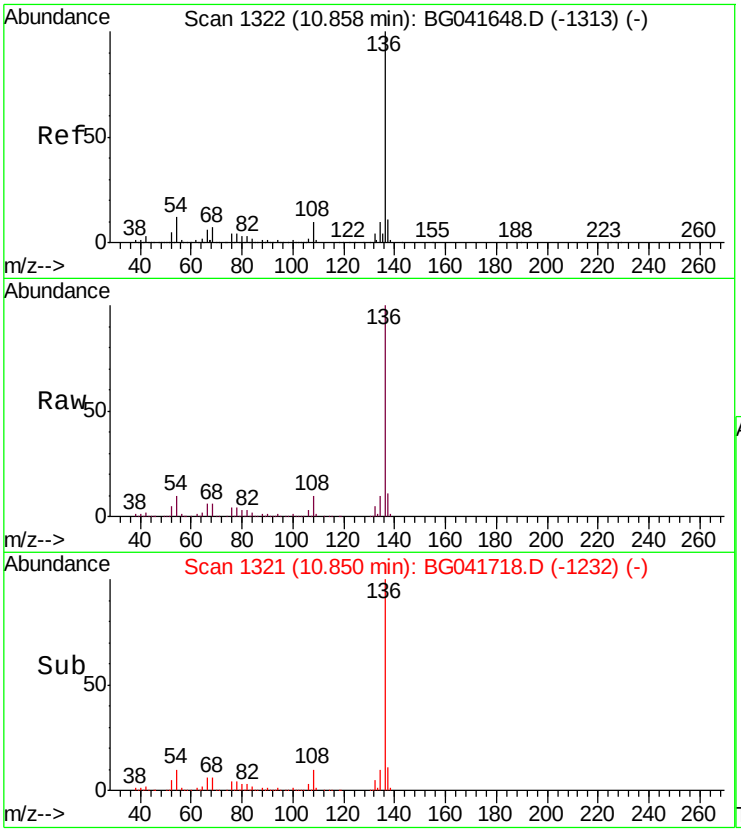


#19
n-Nitroso-di-n-propylamine
Concen: 11.170 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.33 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion: 70 Resp: 82697

Ion	Ratio	Lower	Upper
70	100		
42	50.6	55.8	83.6#
101	0.0	8.1	12.1#
130	2.2	17.3	25.9#



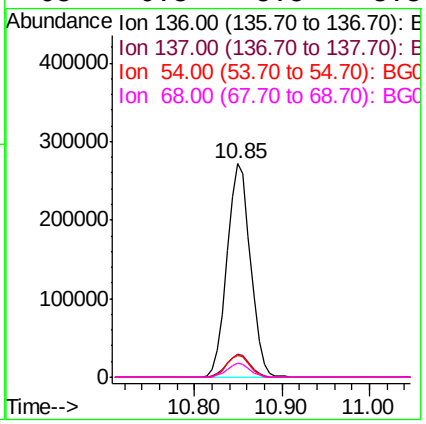


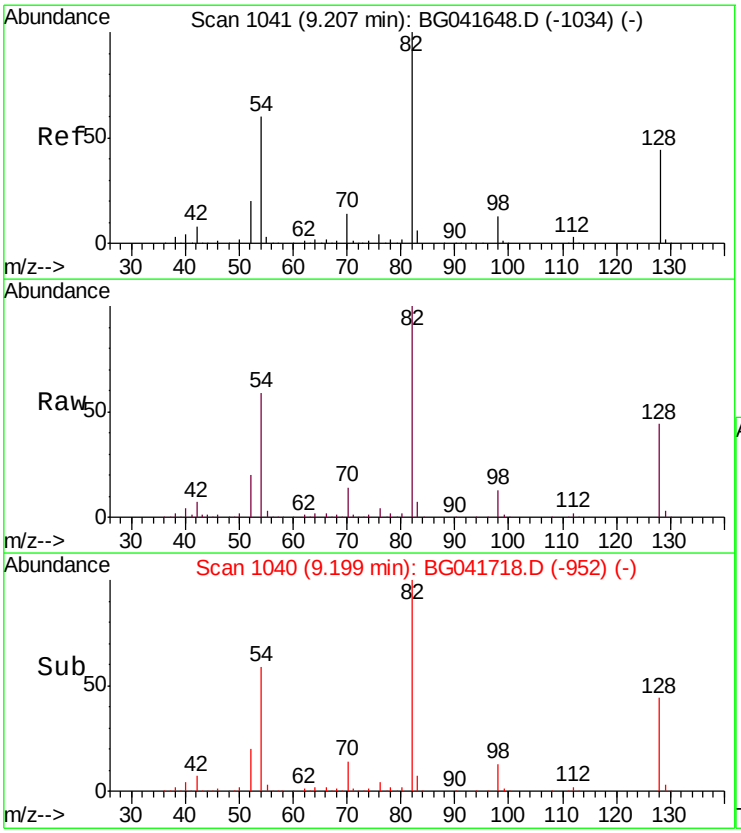
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:136 Resp: 496113

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.2	8.7	13.1
68	6.3	5.5	8.3

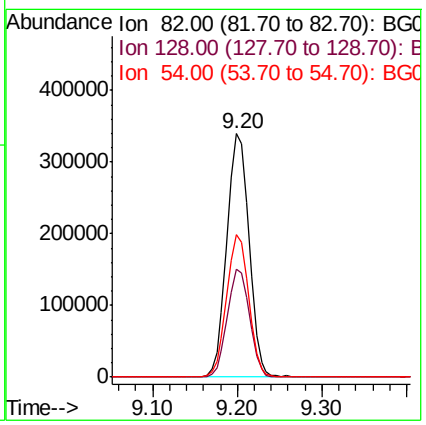


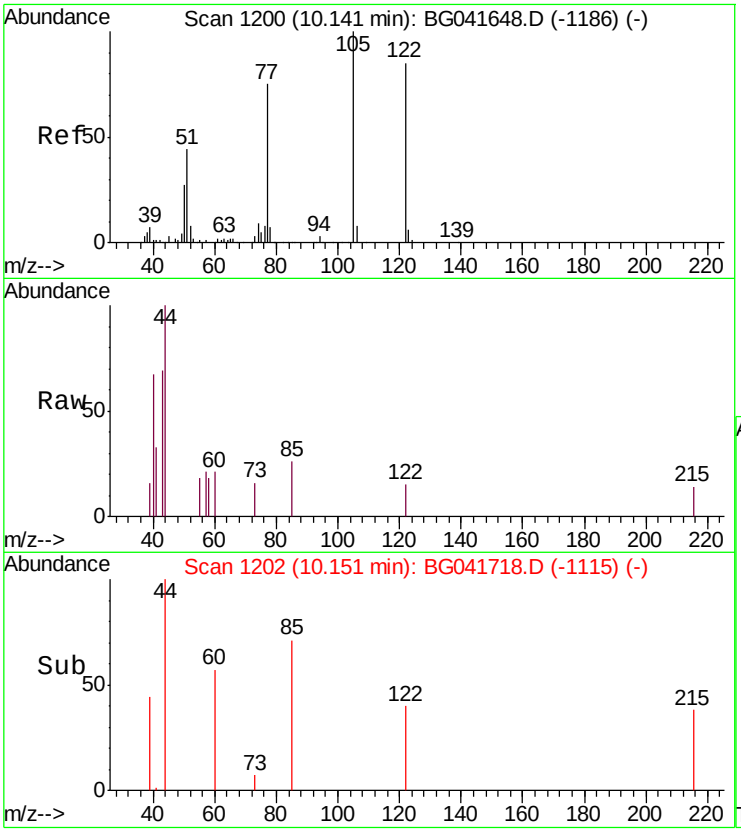


#23
Nitrobenzene-d5
Concen: 75.477 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion: 82 Resp: 615721

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.1	52.7
54	58.7	48.7	73.1



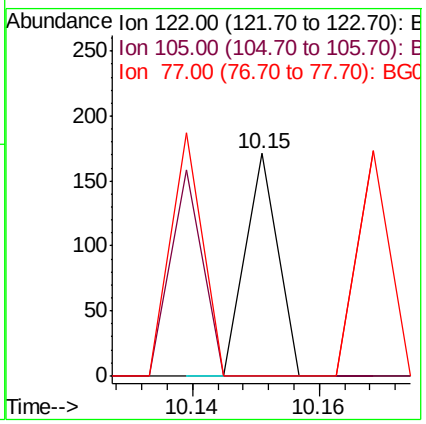


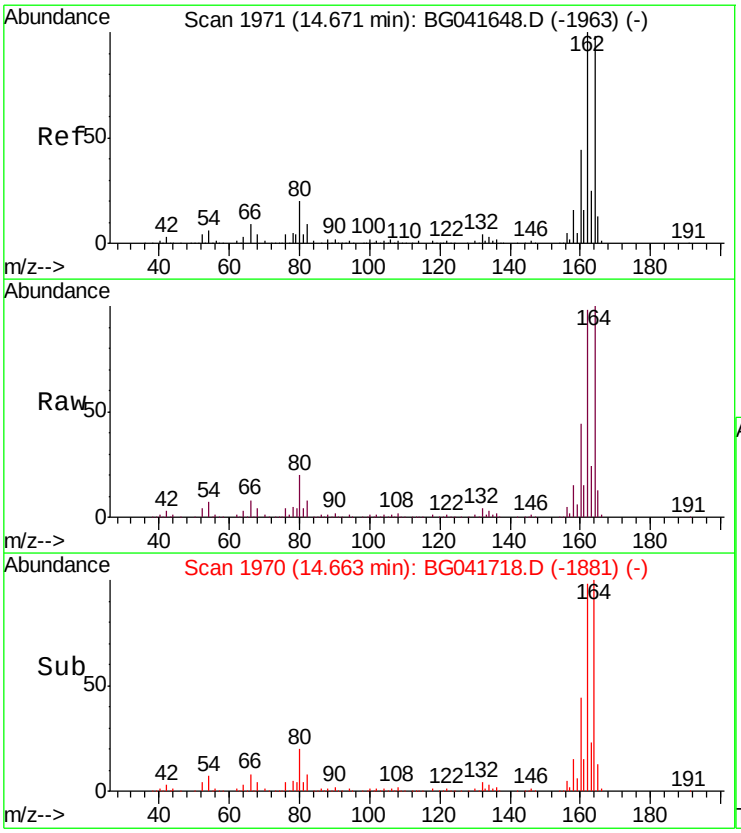
#32
Benzoic acid
Concen: 6.022 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	0.0	73.0	113.0#

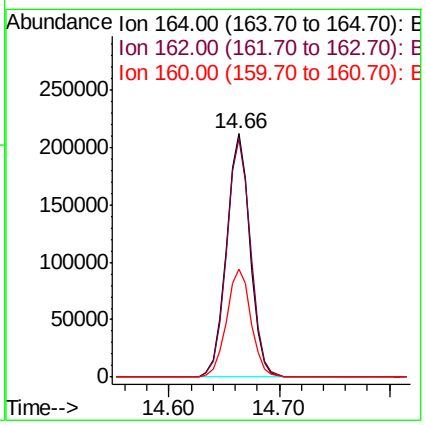


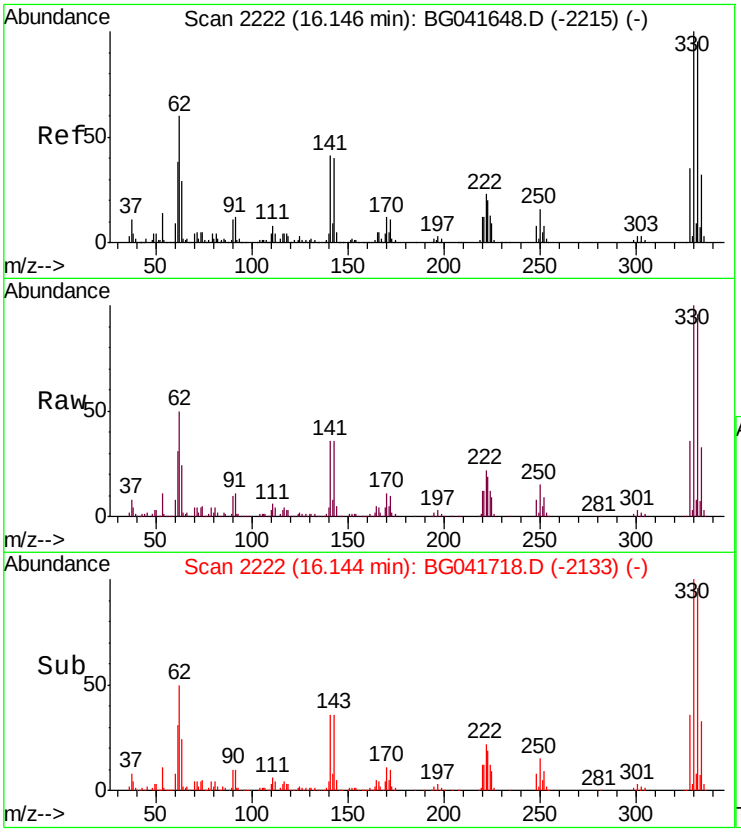


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:164 Resp: 317130

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.6	119.4
160	44.3	35.4	53.0



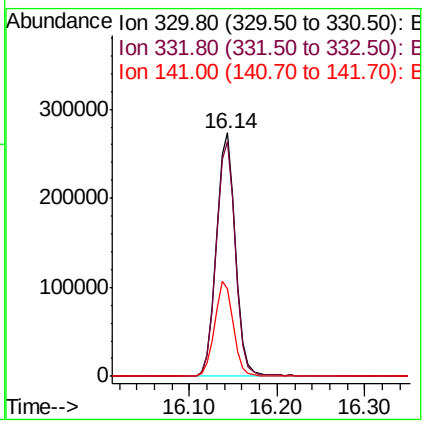


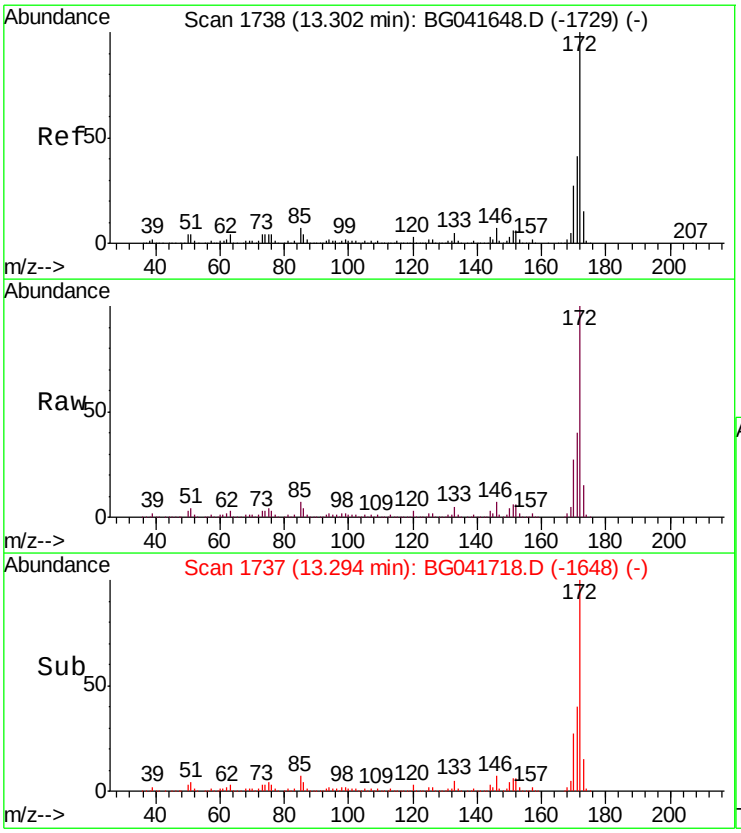
#42
2,4,6-Tribromophenol
Concen: 115.760 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:330 Resp: 413727

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	38.5	31.9	47.9

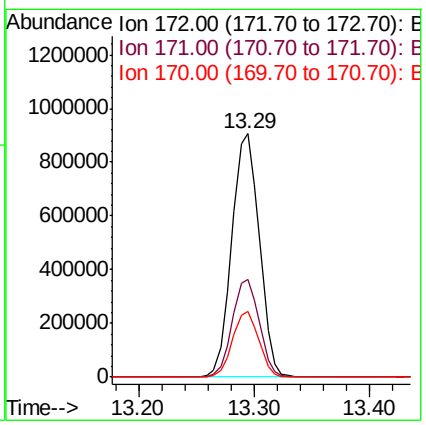


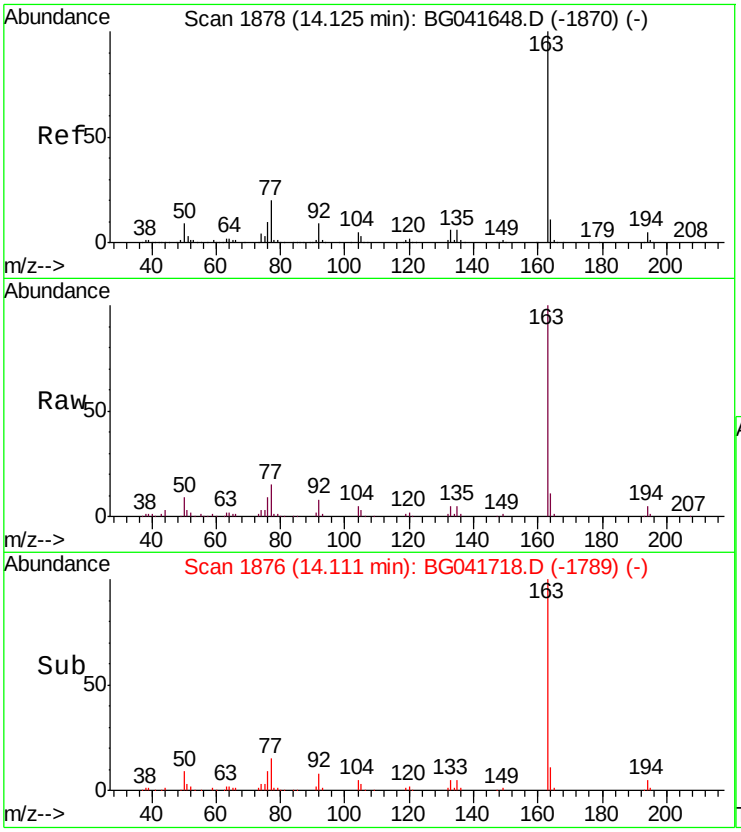


#45
2-Fluorobiphenyl
Concen: 73.047 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:172 Resp: 1495986

Ion	Ratio	Lower	Upper
172	100		
171	40.3	35.0	52.4
170	26.9	23.5	35.3



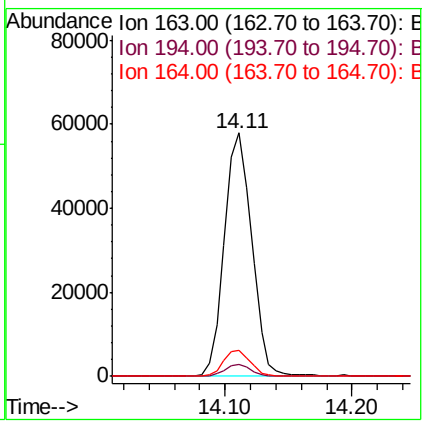


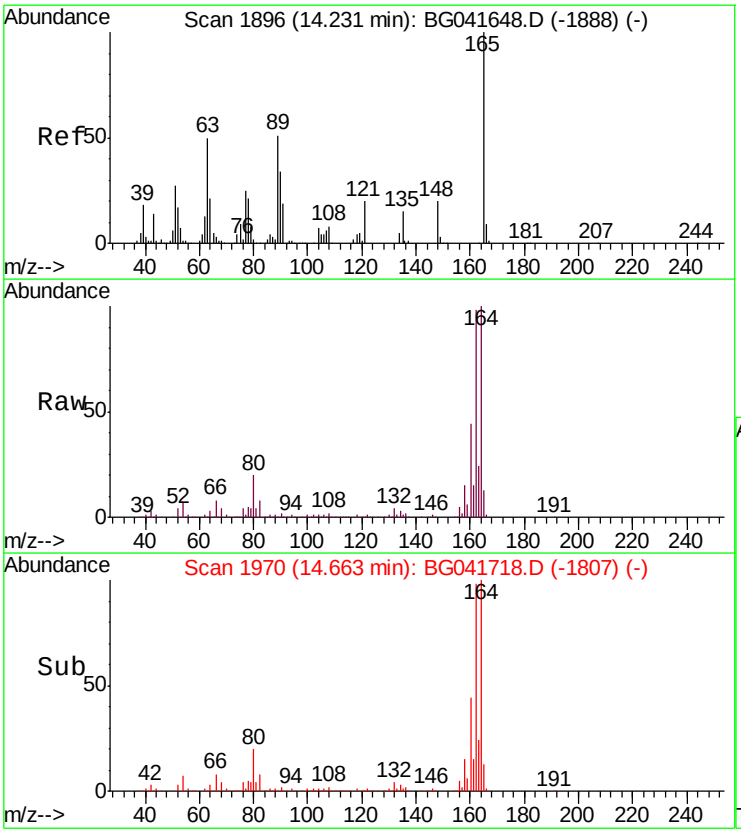
#50
Dimethylphthalate
Concen: 3.489 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:163 Resp: 86901

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.6	9.4	14.2

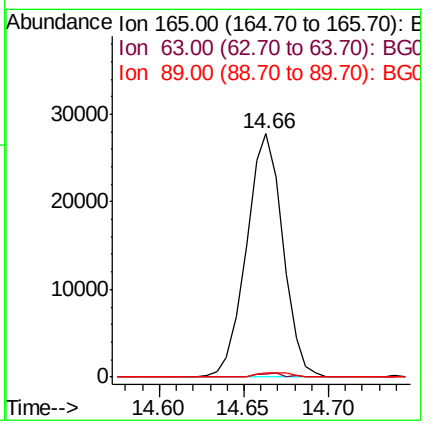


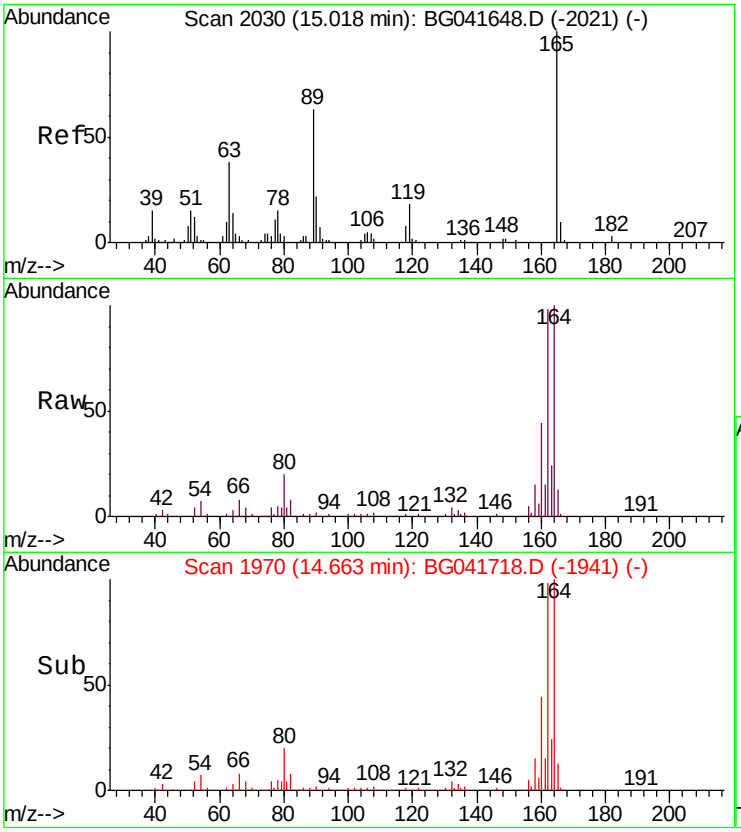


#51
2,6-Dinitrotoluene
Concen: 7.893 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:165 Resp: 41701

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.4	63.6#
89	1.6	42.1	63.1#



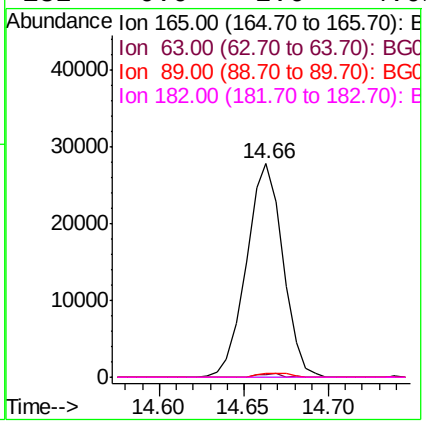


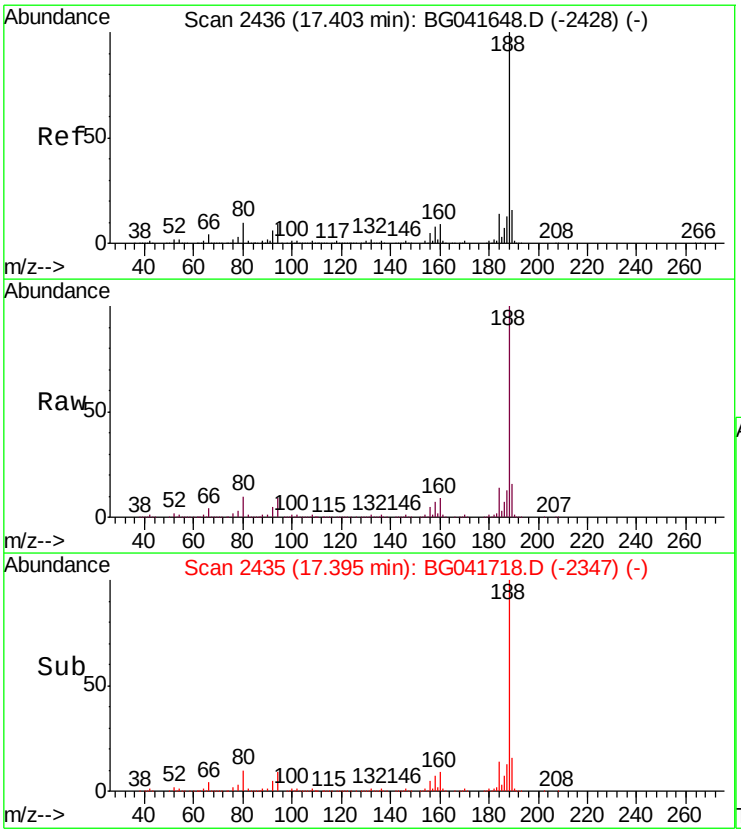
#57
2,4-Dinitrotoluene
Concen: 5.971 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:165 Resp: 41701

Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.7	47.5#
89	1.6	50.2	75.4#
182	0.0	2.6	4.0#

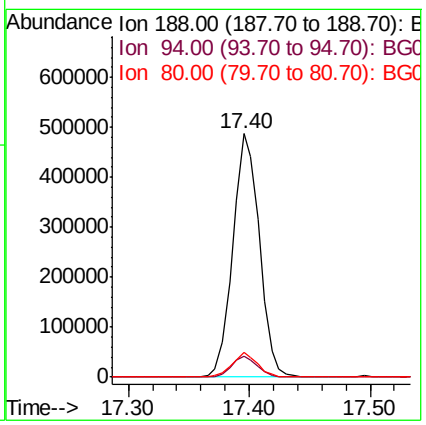


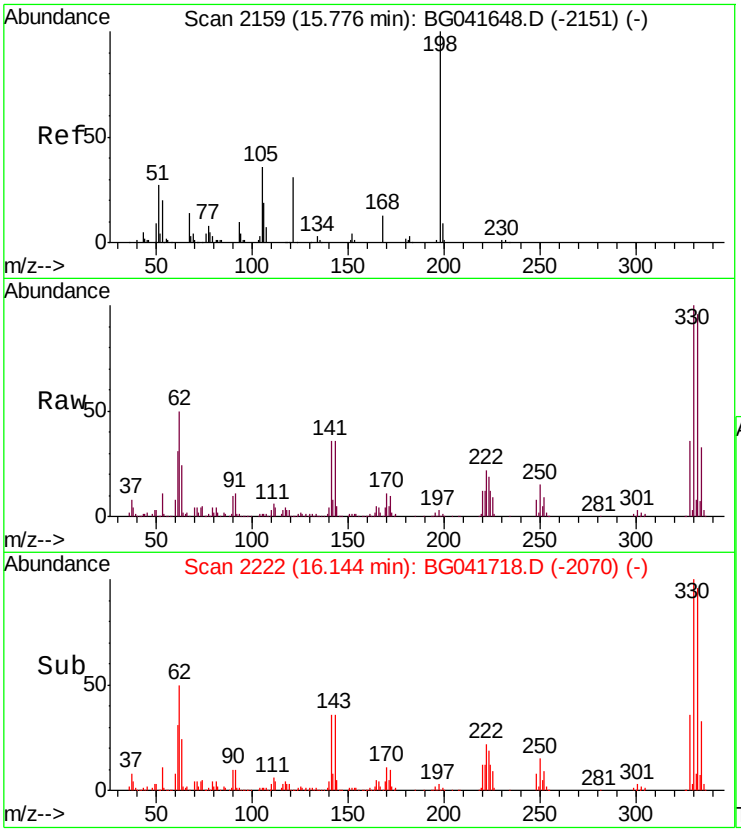


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:188 Resp: 745982

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.9	8.0	12.0



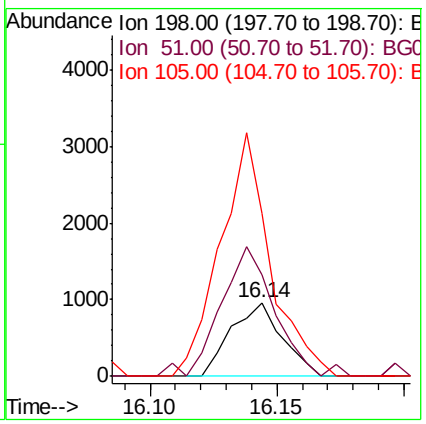


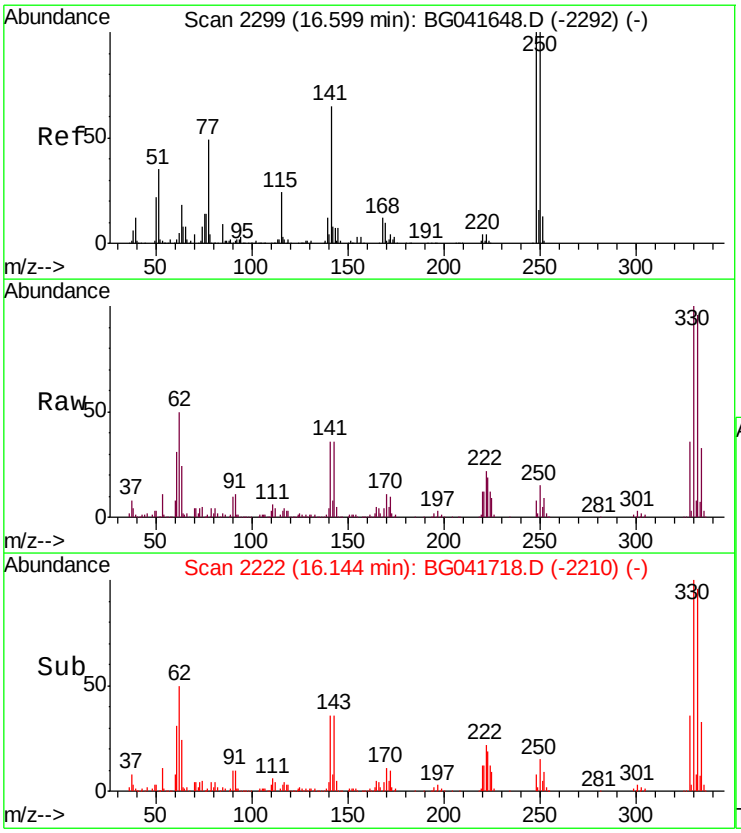
#65
4,6-Dinitro-2-methylphenol
Concen: 7.001 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.36 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:198 Resp: 1345

Ion	Ratio	Lower	Upper
198	100		
51	137.6	22.3	62.3#
105	221.5	18.0	58.0#

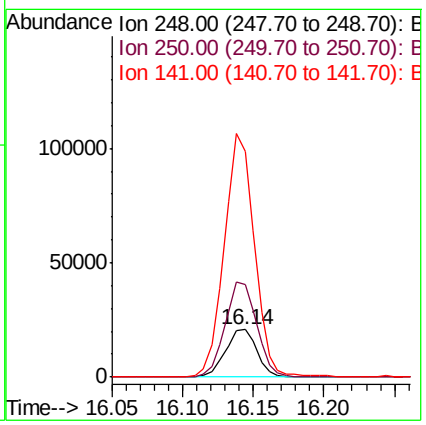


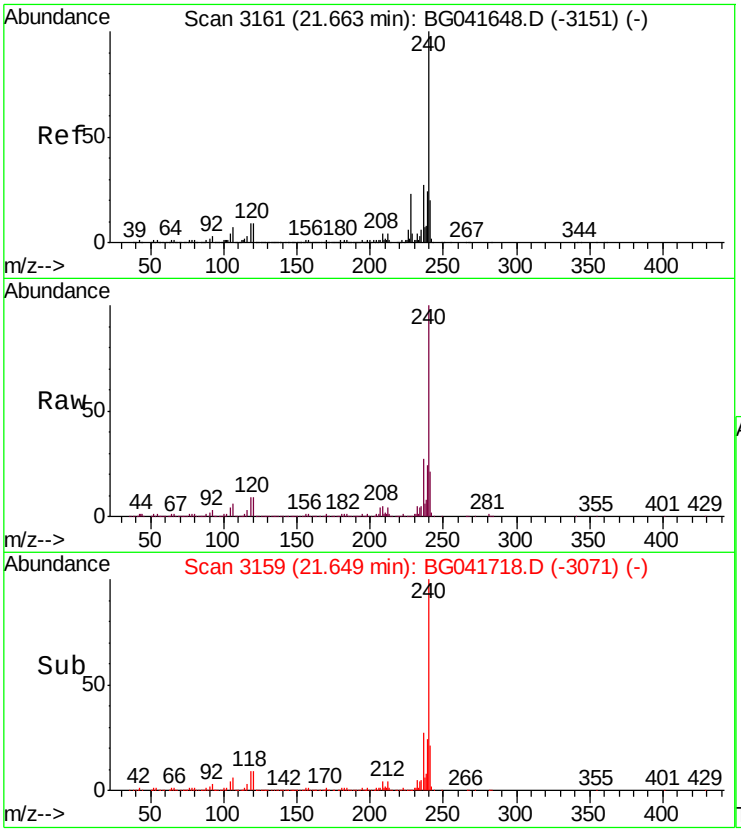


#67
4-Bromophenyl-phenylether
Concen: 3.660 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:248 Resp: 32490

Ion	Ratio	Lower	Upper
248	100		
250	193.7	78.1	117.1#
141	474.4	49.6	74.4#



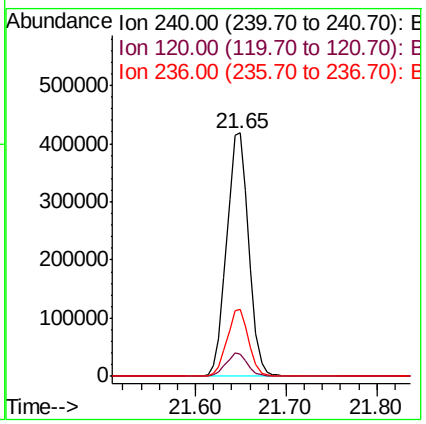


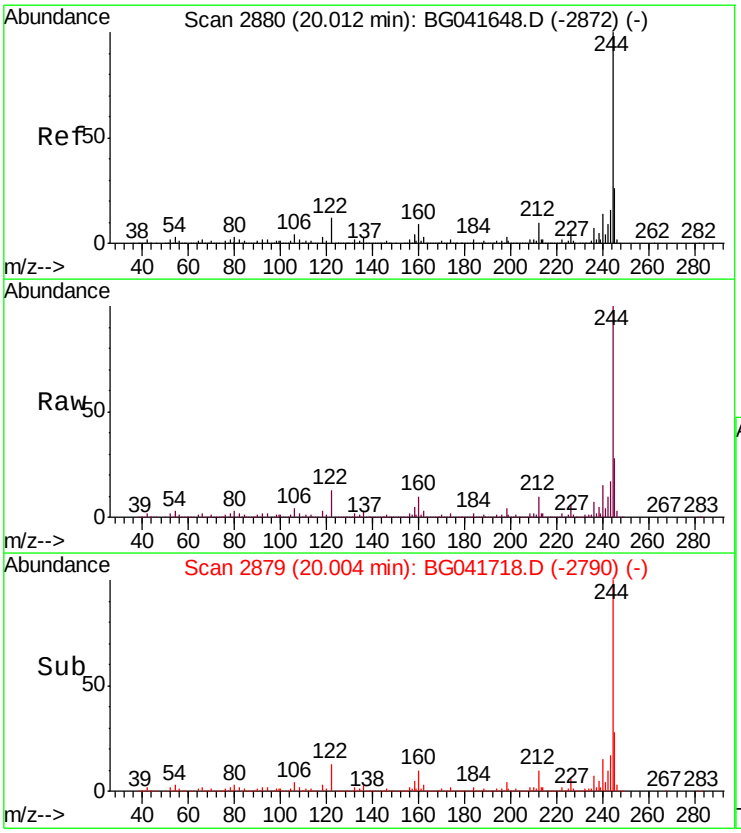
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:240 Resp: 712057

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.0	12.0
236	27.4	22.6	33.8

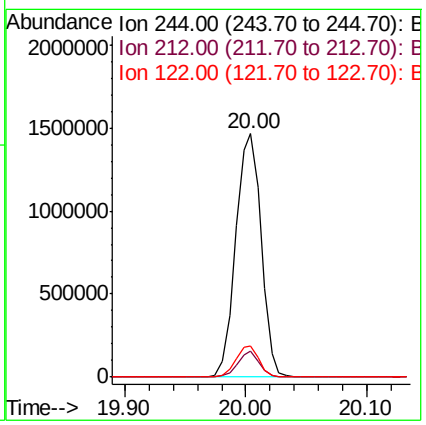


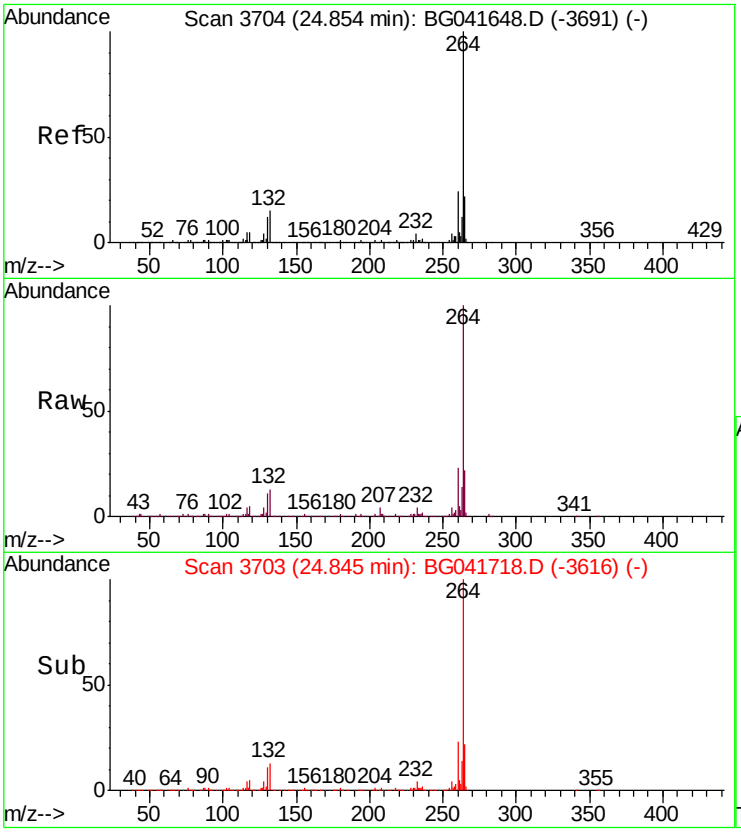


#79
Terphenyl-d14
Concen: 70.579 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:244 Resp: 2150585

Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.7	14.5
122	12.5	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tgt Ion:264 Resp: 813361

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	18.0	27.0