Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035803.D
Acq On : 21 Jul 2018 3:54
Operator : JU/SJ
Sample : J3820-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-01-071918

Quant Time: Jul 23 00:59:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46500	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	163282	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110324	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	303251	20.00	ng	0.00
75) Chrysene-d12	21.66	240	368301	20.00	ng	0.00
86) Perylene-d12	24.85	264	346733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	294670	105.21	ng	0.00
7) Phenol-d6	7.20	99	381341	91.26	ng	0.00
23) Nitrobenzene-d5	9.19	82	301117	77.04	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	186074	127.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	685580	83.25	ng	0.00
78) Terphenyl-d14	20.00	244	1362688	81.56	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	43122	12.254	ng	# 64
50) 2,6-Dinitrotoluene	14.65	165	14625	7.430	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	14625	5.179	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	15489	4.403	ng	# 1
76) Benzidine	20.00	184	23362	2.413	ng	# 93

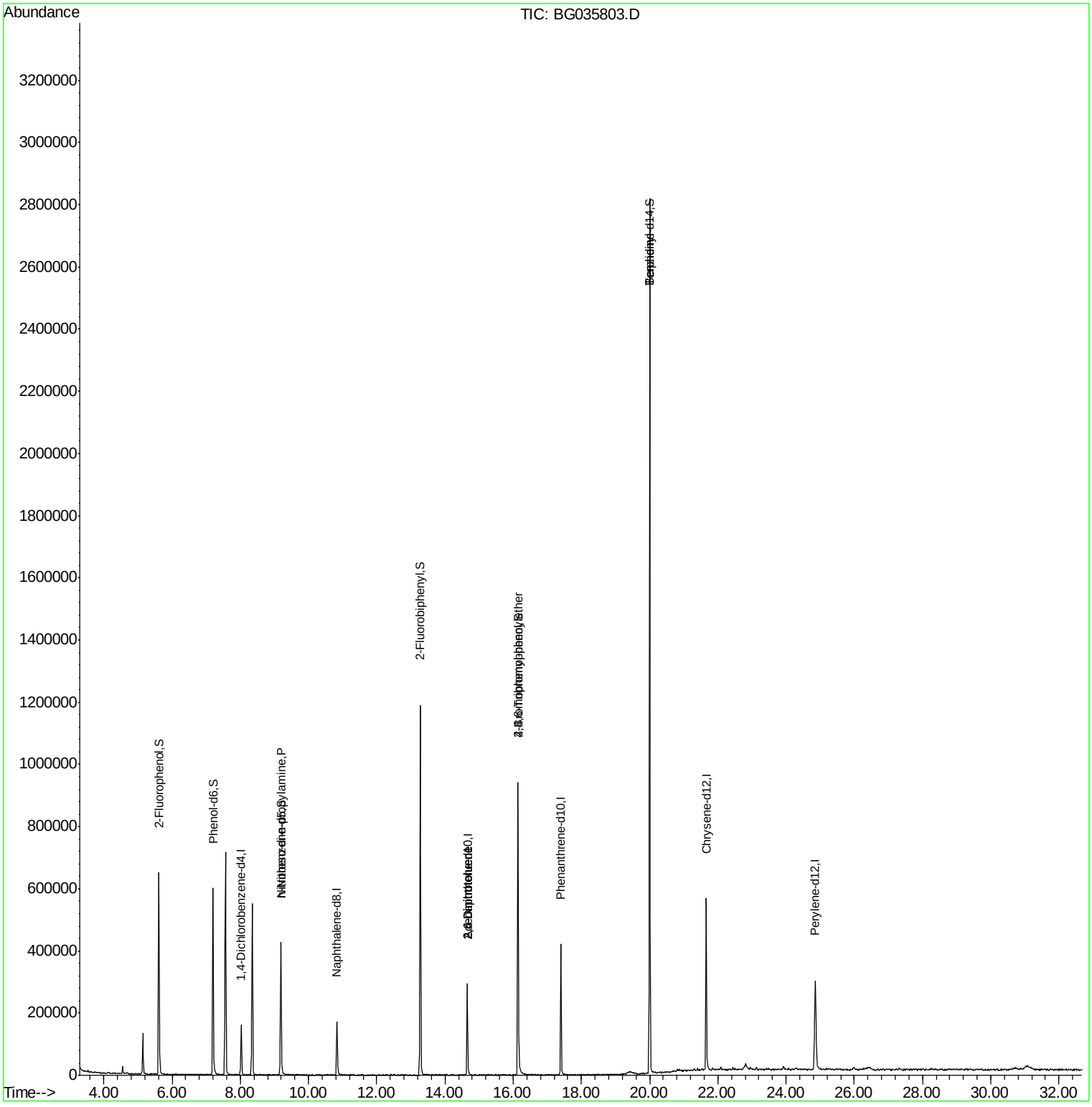
(#) = qualifier out of range (m) = manual integration (+) = signals summed

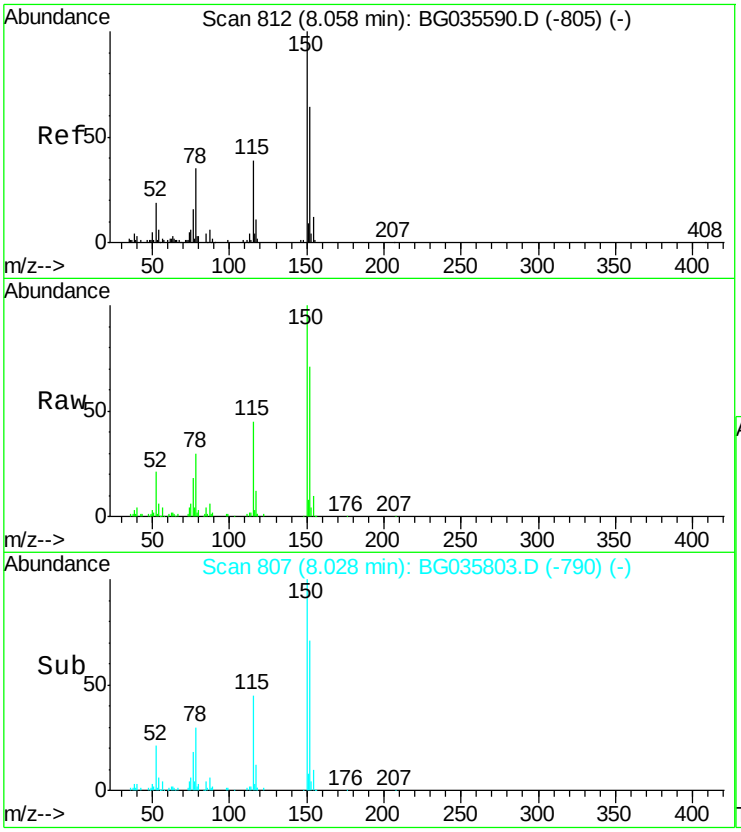
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035803.D
Acq On : 21 Jul 2018 3:54
Operator : JU/SJ
Sample : J3820-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-01-071918

Quant Time: Jul 23 00:59:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration



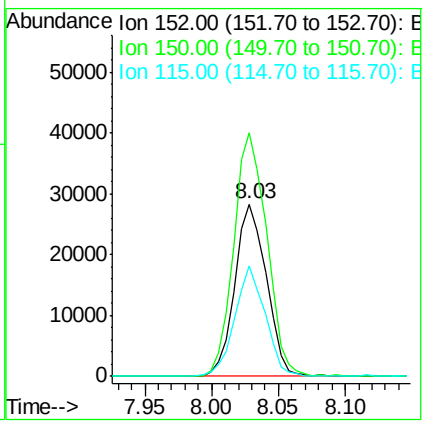


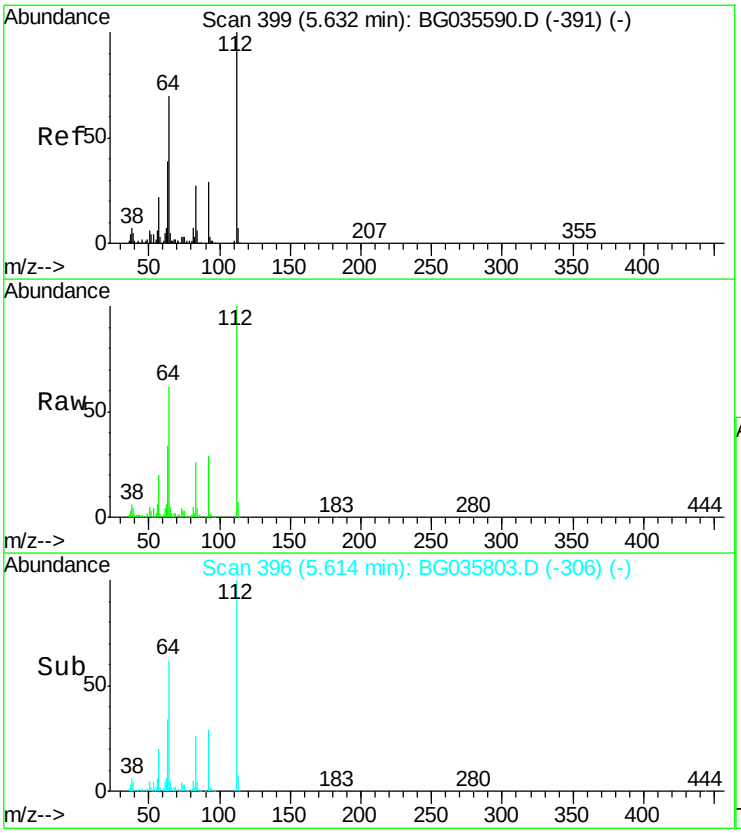
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:152 Resp: 46500

Ion	Ratio	Lower	Upper
152	100		
150	141.6	126.6	189.8
115	64.0	53.0	79.4

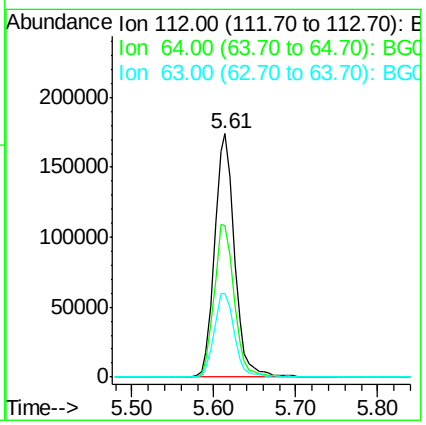


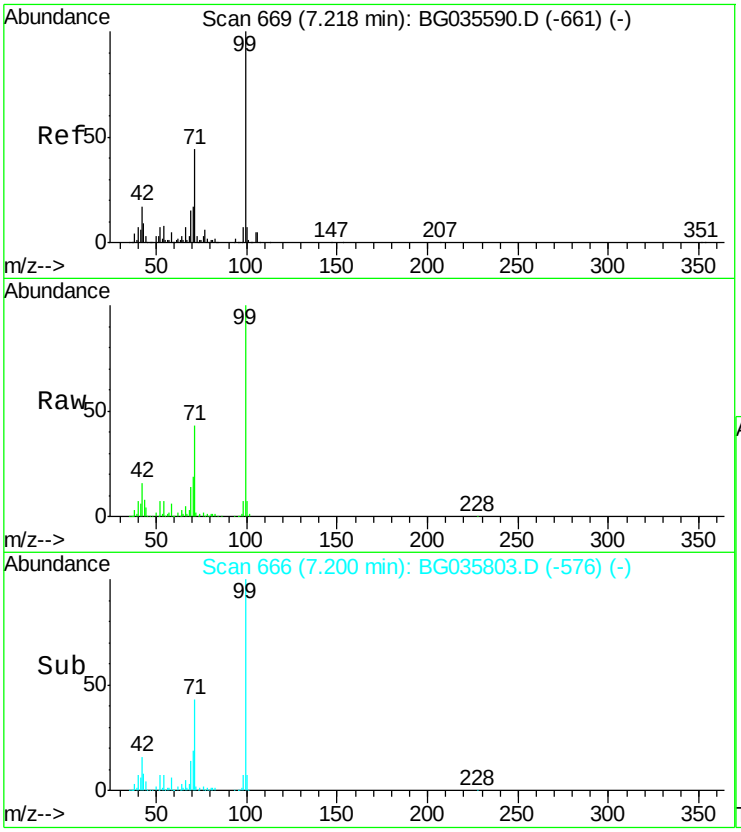


#5
2-Fluorophenol
Concen: 105.209 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion:112 Resp: 294670

Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	34.5	30.1	45.1



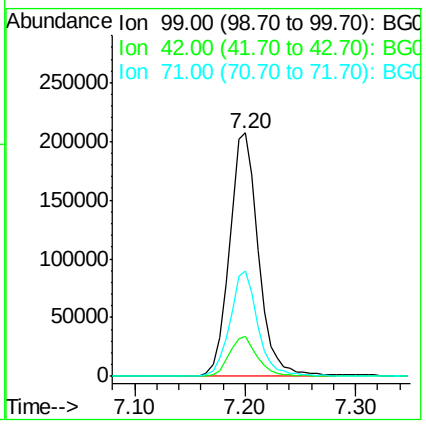


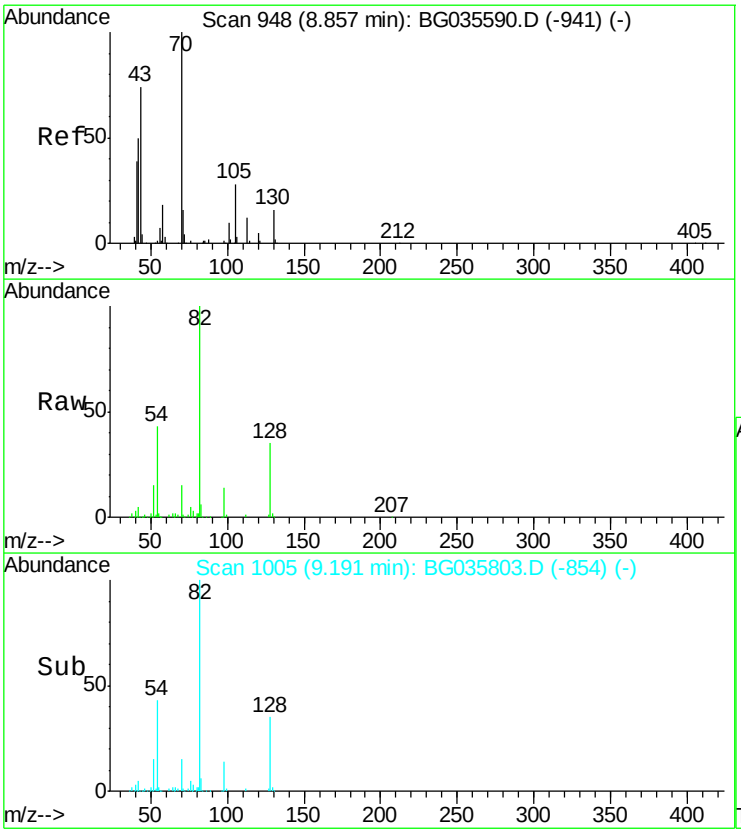
#7
Phenol-d6
Concen: 91.257 ng
RT: 7.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion: 99 Resp: 381341

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	43.2	26.1	39.1#

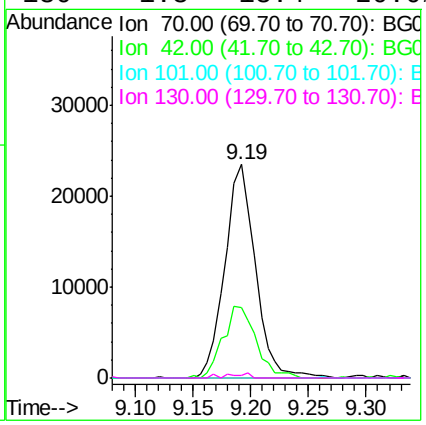


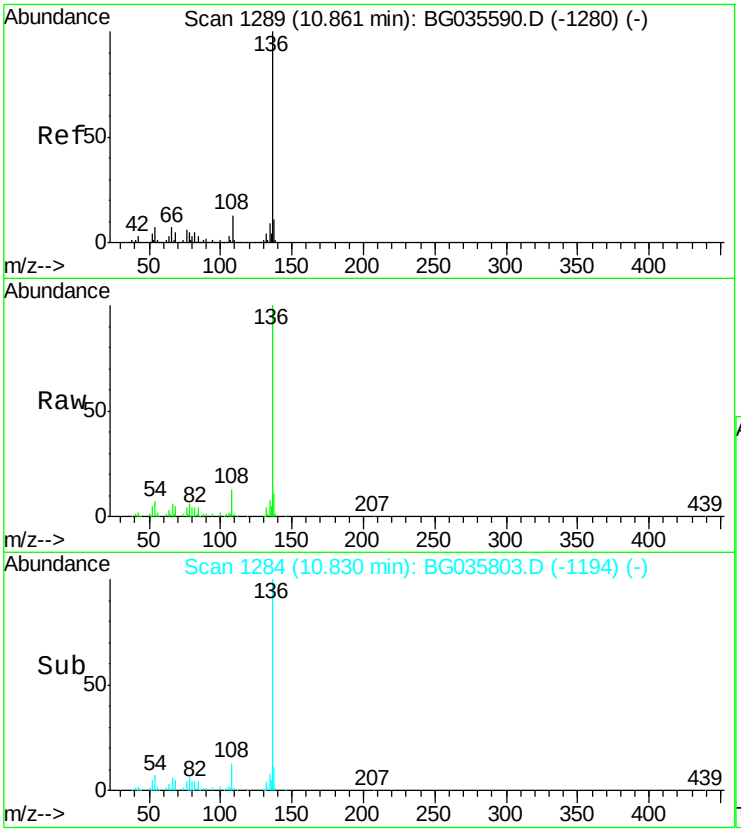


#19
n-Nitroso-di-n-propylamine
Concen: 12.254 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.36 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion: 70 Resp: 43122

Ion	Ratio	Lower	Upper
70	100		
42	33.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



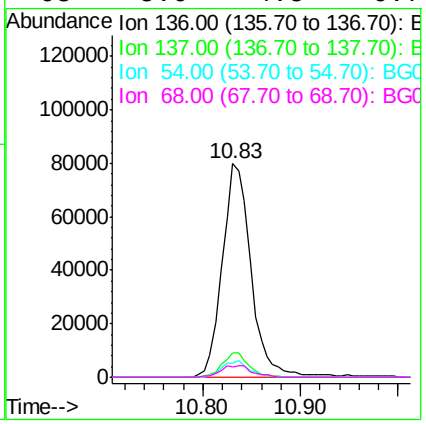


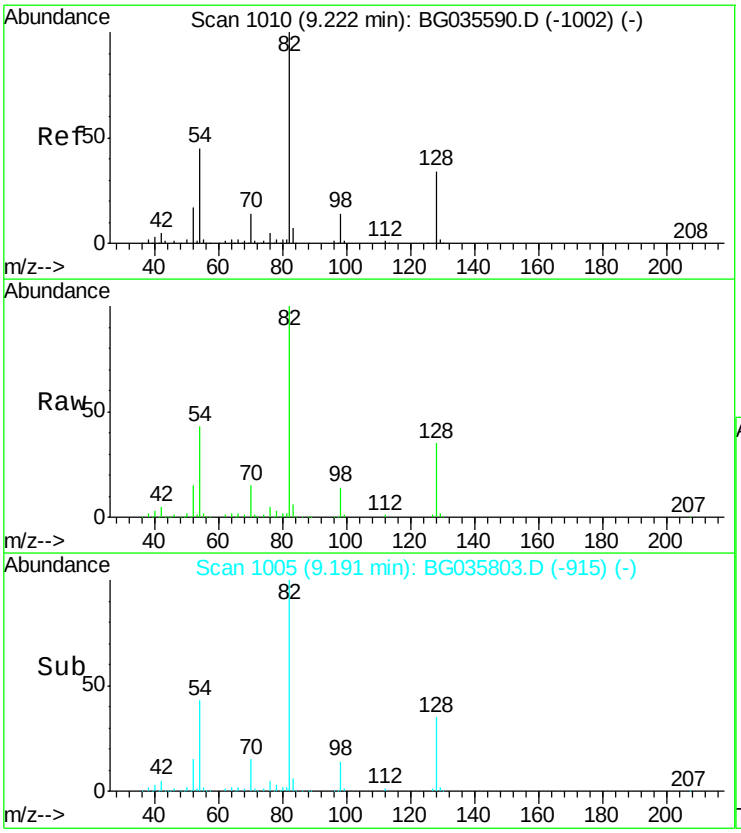
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:136 Resp: 163282

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.9	10.3	15.5#
68	5.0	4.5	6.7

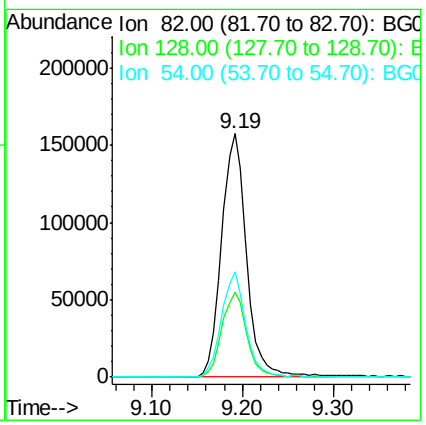


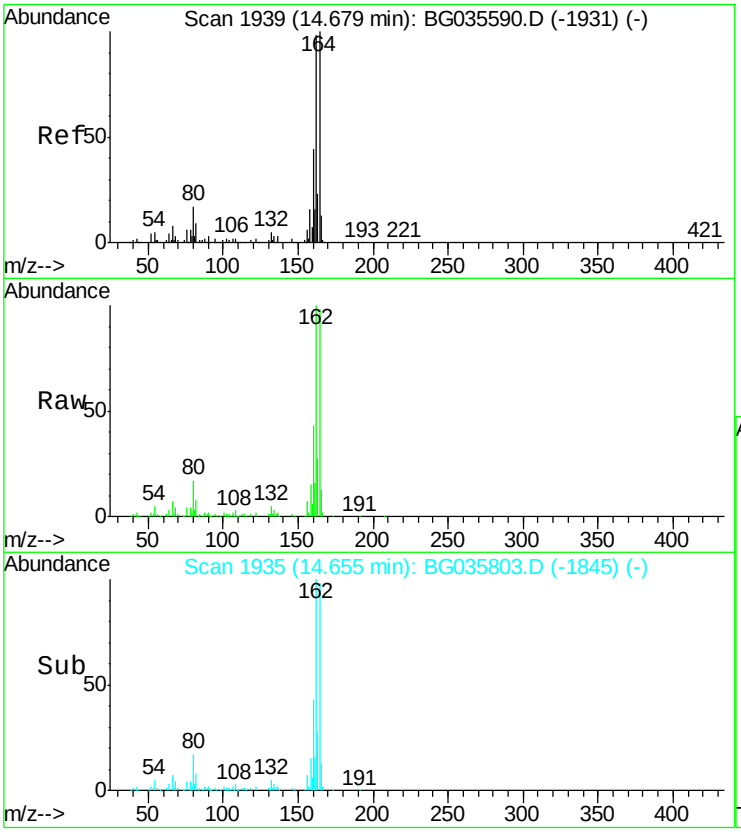


#23
Nitrobenzene-d5
Concen: 77.039 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion: 82 Resp: 301117

Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.3	43.1	64.7



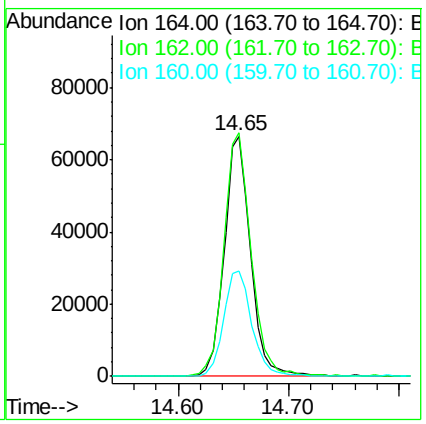


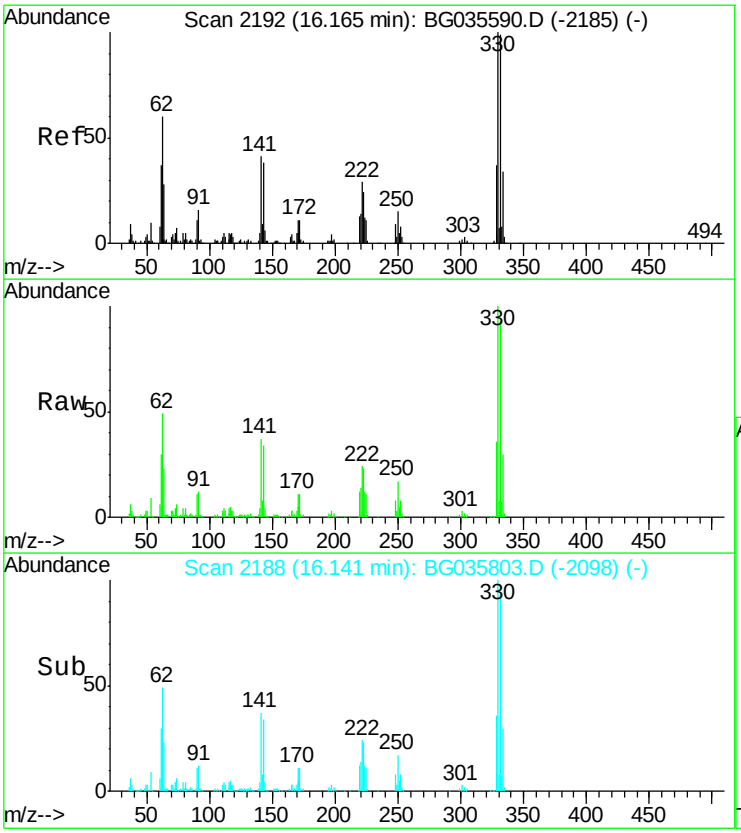
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:164 Resp: 110324

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	44.1	35.4	53.0

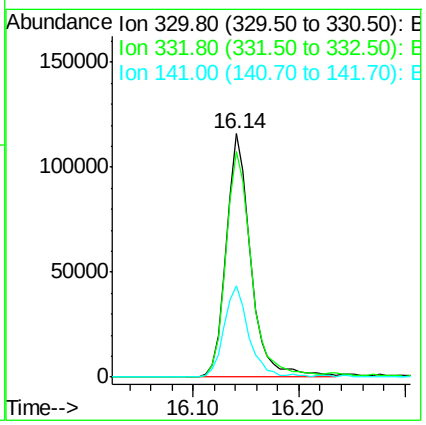


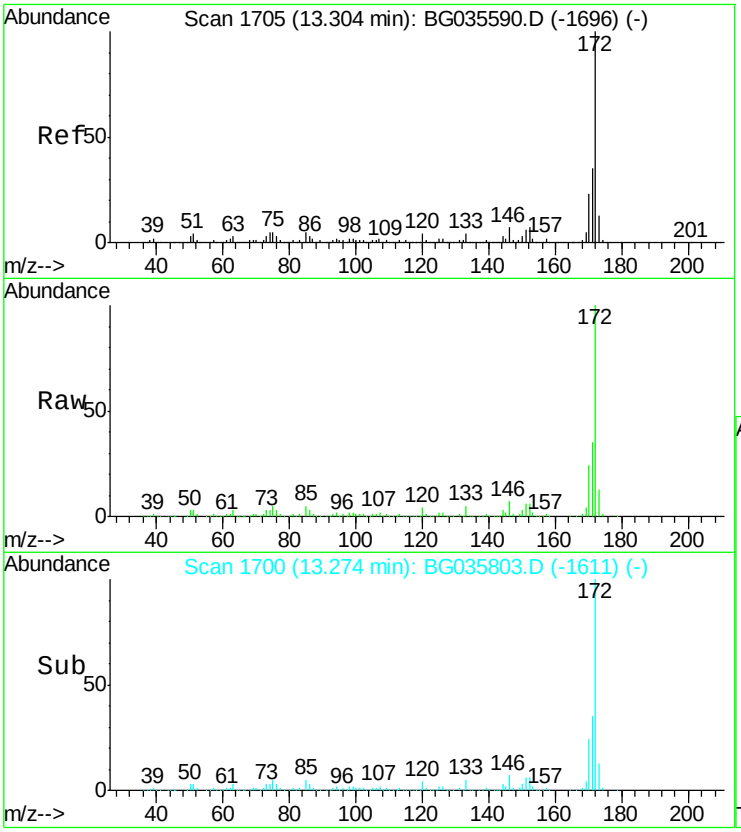


#41
2,4,6-Tribromophenol
Concen: 127.961 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion:330 Resp: 186074

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.8	25.2	37.8



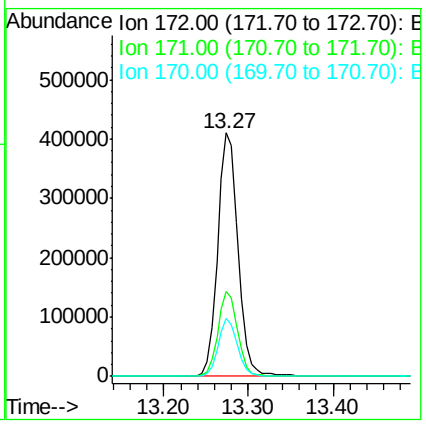


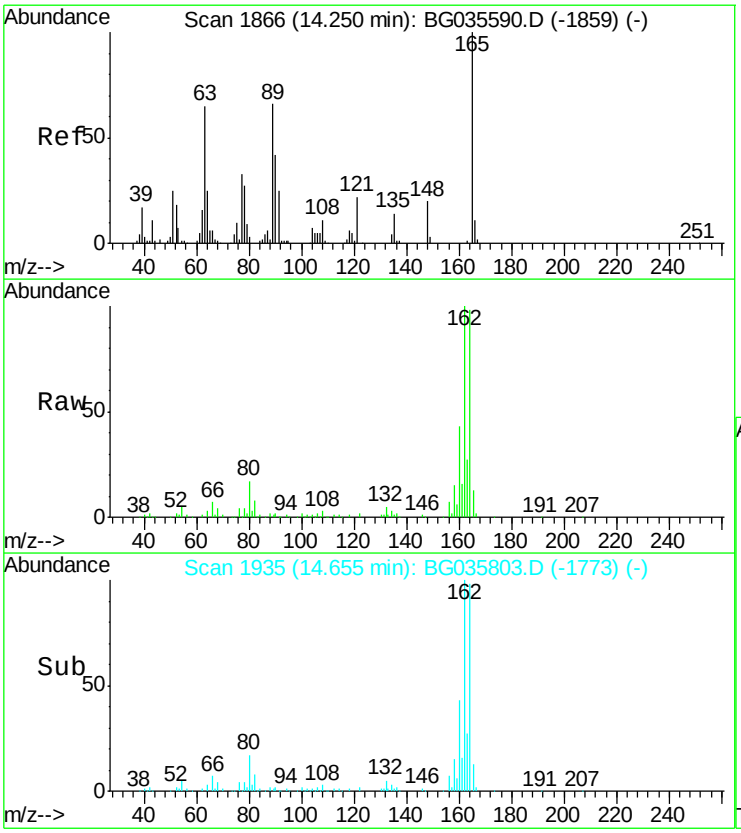
#44
2-Fluorobiphenyl
Concen: 83.255 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:172 Resp: 685580

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.8	19.5	29.3

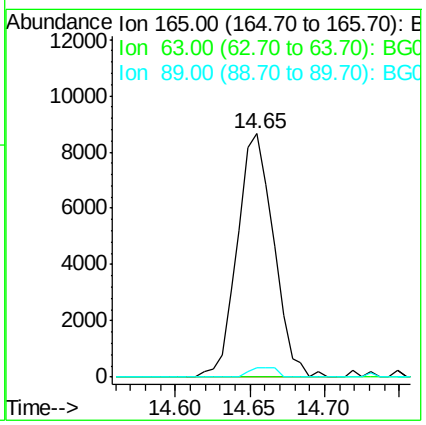


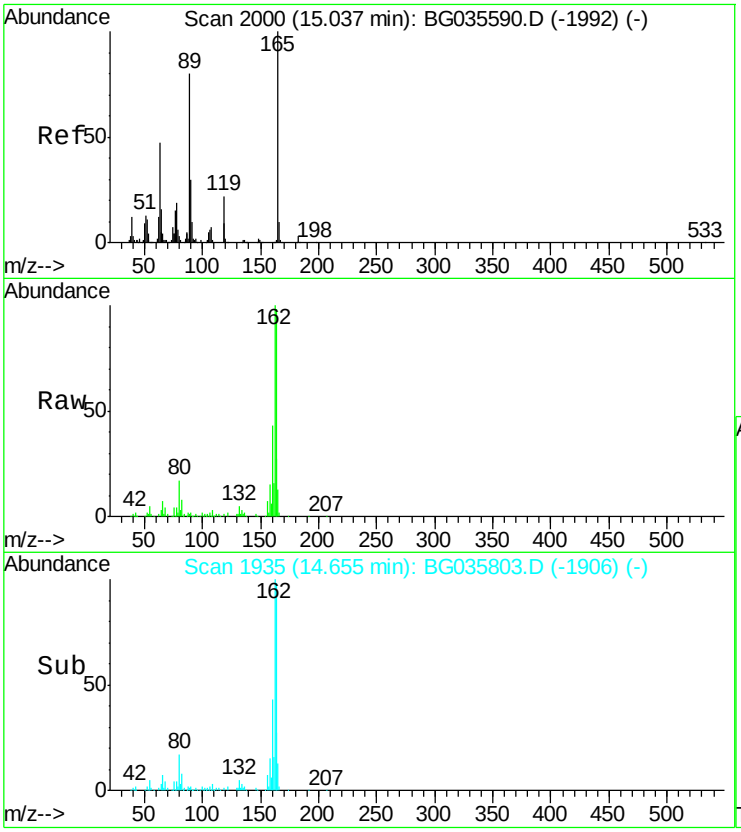


#50
2,6-Dinitrotoluene
Concen: 7.430 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.42 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion:165 Resp: 14625

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.9	49.2	73.8#



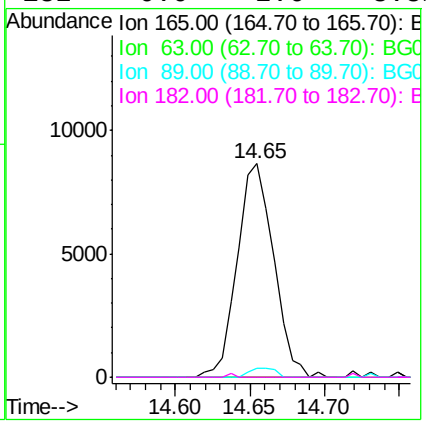


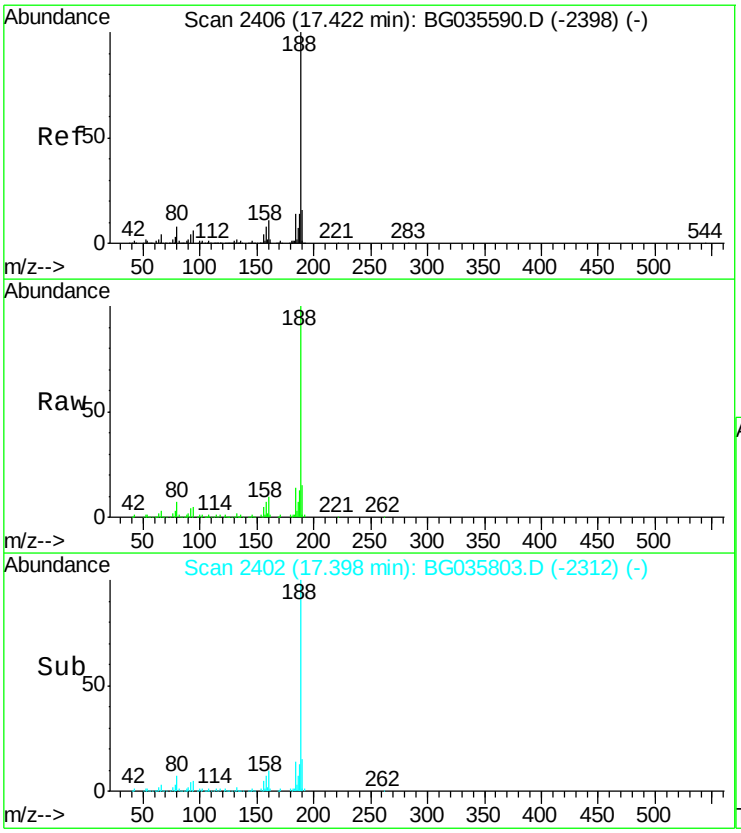
#56
2,4-Dinitrotoluene
Concen: 5.179 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:165 Resp: 14625

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.9	66.9	100.3#
182	0.0	2.6	3.8#

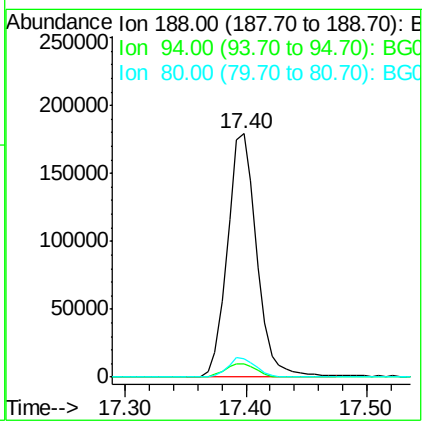


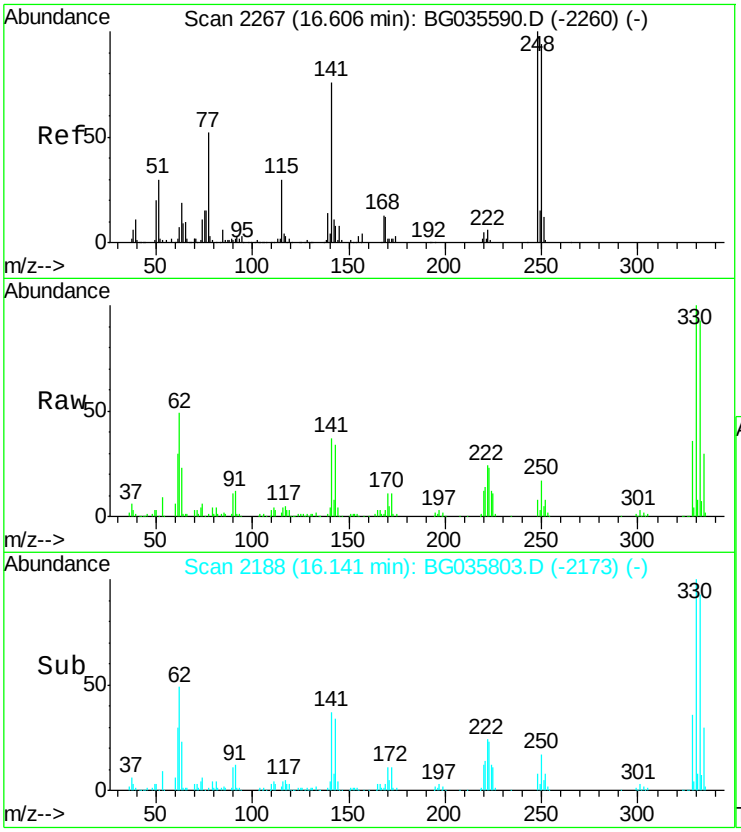


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion:188 Resp: 303251

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	7.4	7.7	11.5#



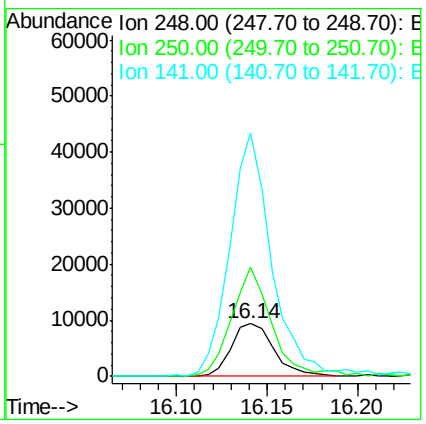


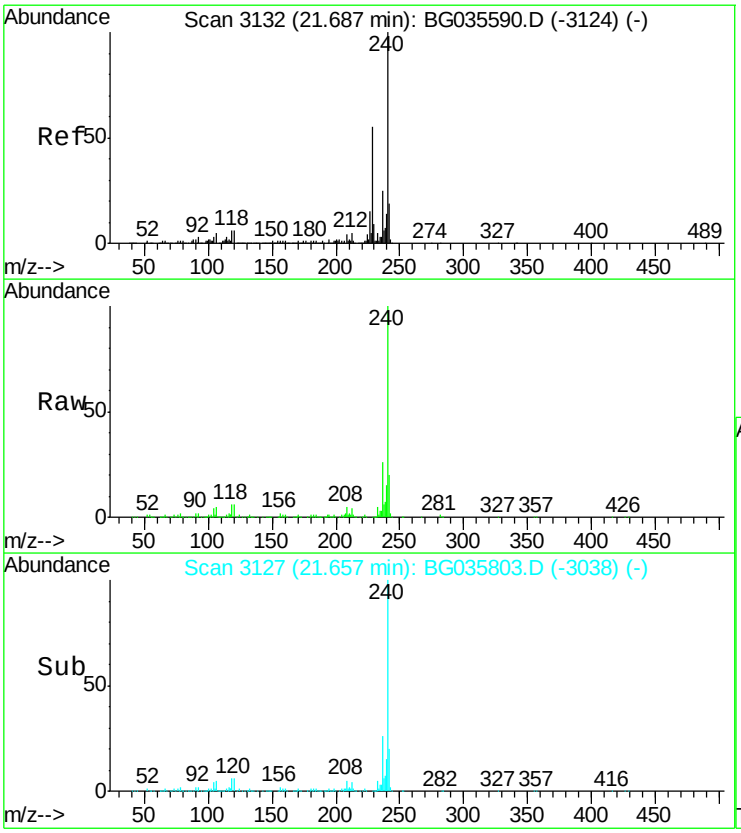
#66
4-Bromophenyl-phenylether
Concen: 4.403 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:248 Resp: 15489

Ion	Ratio	Lower	Upper
248	100		
250	207.5	77.1	115.7#
141	461.5	50.8	76.2#

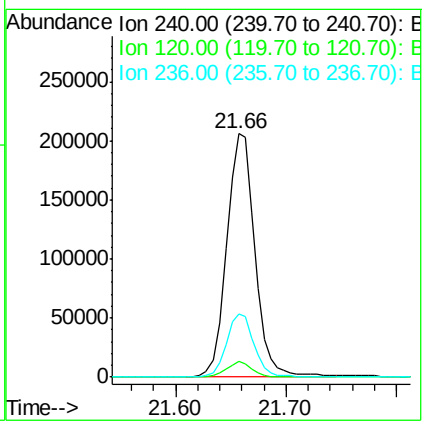


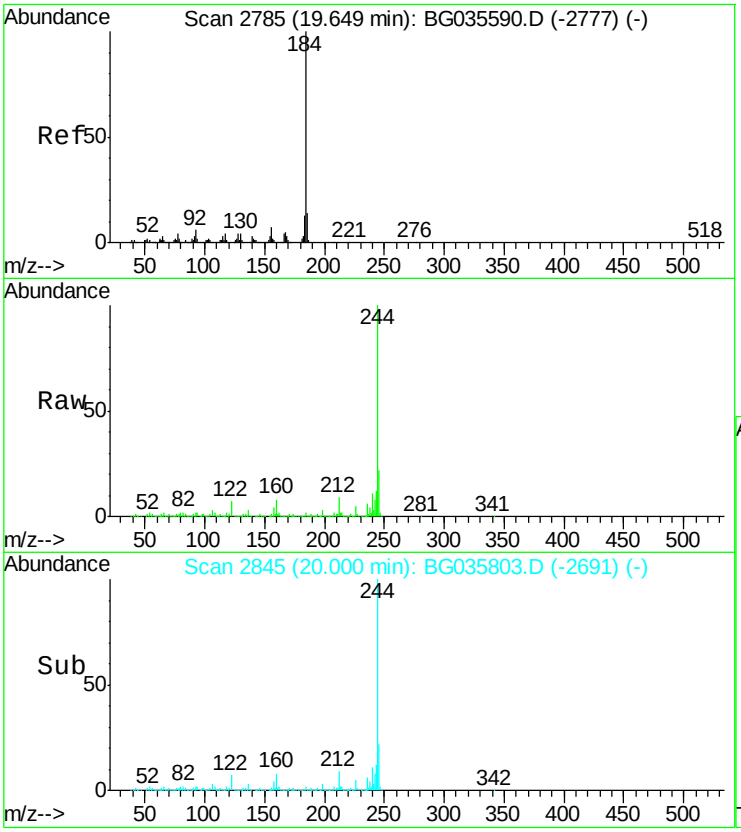


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion:240 Resp: 368301

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	26.1	20.9	31.3



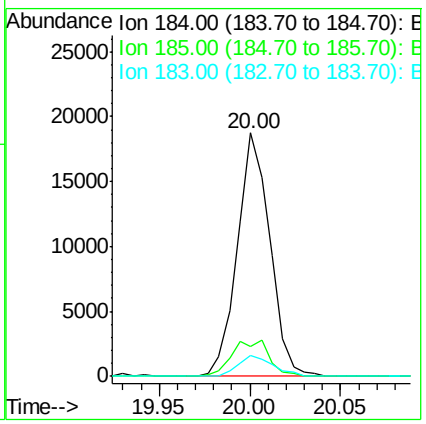


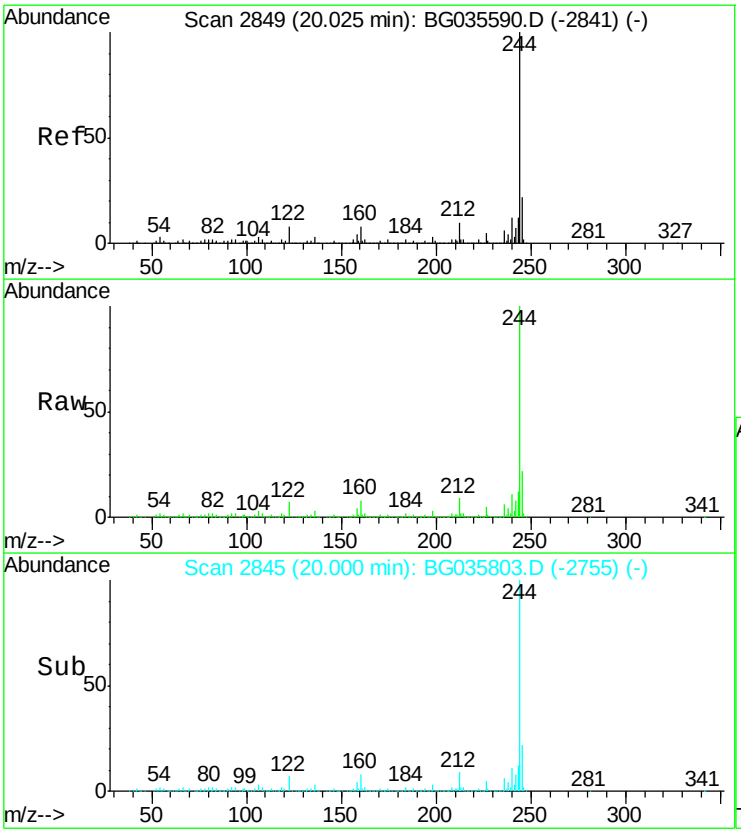
#76
Benzidine
Concen: 2.413 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.38 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:184 Resp: 23362

Ion	Ratio	Lower	Upper
184	100		
185	12.4	11.1	16.7
183	8.8	10.6	16.0#

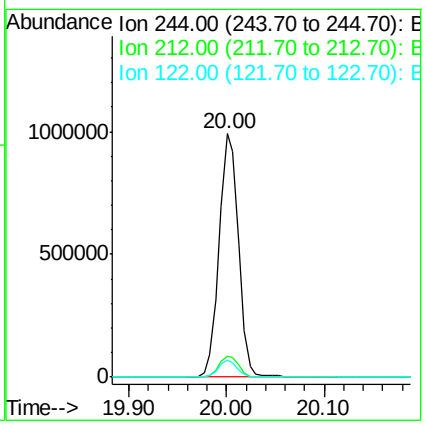


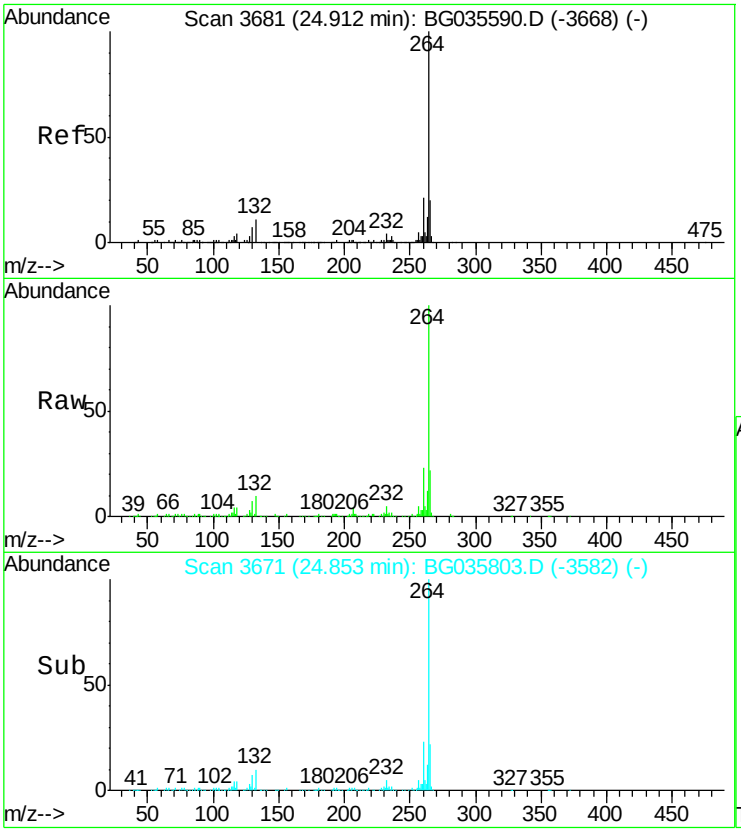


#78
Terphenyl-d14
Concen: 81.558 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Tgt Ion:244 Resp: 1362688

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035803.D
Acq: 21 Jul 2018 3:54

Instrument :
BNA_G
ClientSampleId :
BU-01-071918

Tgt Ion:264 Resp: 346733

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.9	17.7	26.5