Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037406.D
Acq On : 18 Oct 2018 1:19
Operator : JU/SJ
Sample : J5541-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101518-SIDI-E-U-M

Quant Time: Oct 18 11:45:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62230	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	284573	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	193850	20.00	ng		-0.02
64) Phenanthrene-d10	17.49	188	477007	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	437797	20.00	ng		-0.03
87) Perylene-d12	25.11	264	444209	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	156248	44.19	ng		0.00
7) Phenol-d6	7.24	99	136710	25.47	ng		0.00
23) Nitrobenzene-d5	9.28	82	465239	107.48	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	199829	105.11	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	1138005	88.16	ng		-0.02
79) Terphenyl-d14	20.09	244	1649431	79.11	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	25105	4.441	ng		96
19) n-Nitroso-di-n-propylamine	9.28	70	58167	14.315	ng	#	73
48) 2-Nitroaniline	14.19	65	331	5.844	ng	#	1
50) Dimethylphthalate	14.19	163	47008	3.086	ng		99
51) 2,6-Dinitrotoluene	14.74	165	25366	12.524	ng	#	25
57) 2,4-Dinitrotoluene	14.74	165	25366	11.353	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.23	198	630	6.315	ng	#	60
67) 4-Bromophenyl-phenylether	16.23	248	15503	3.011	ng	#	1

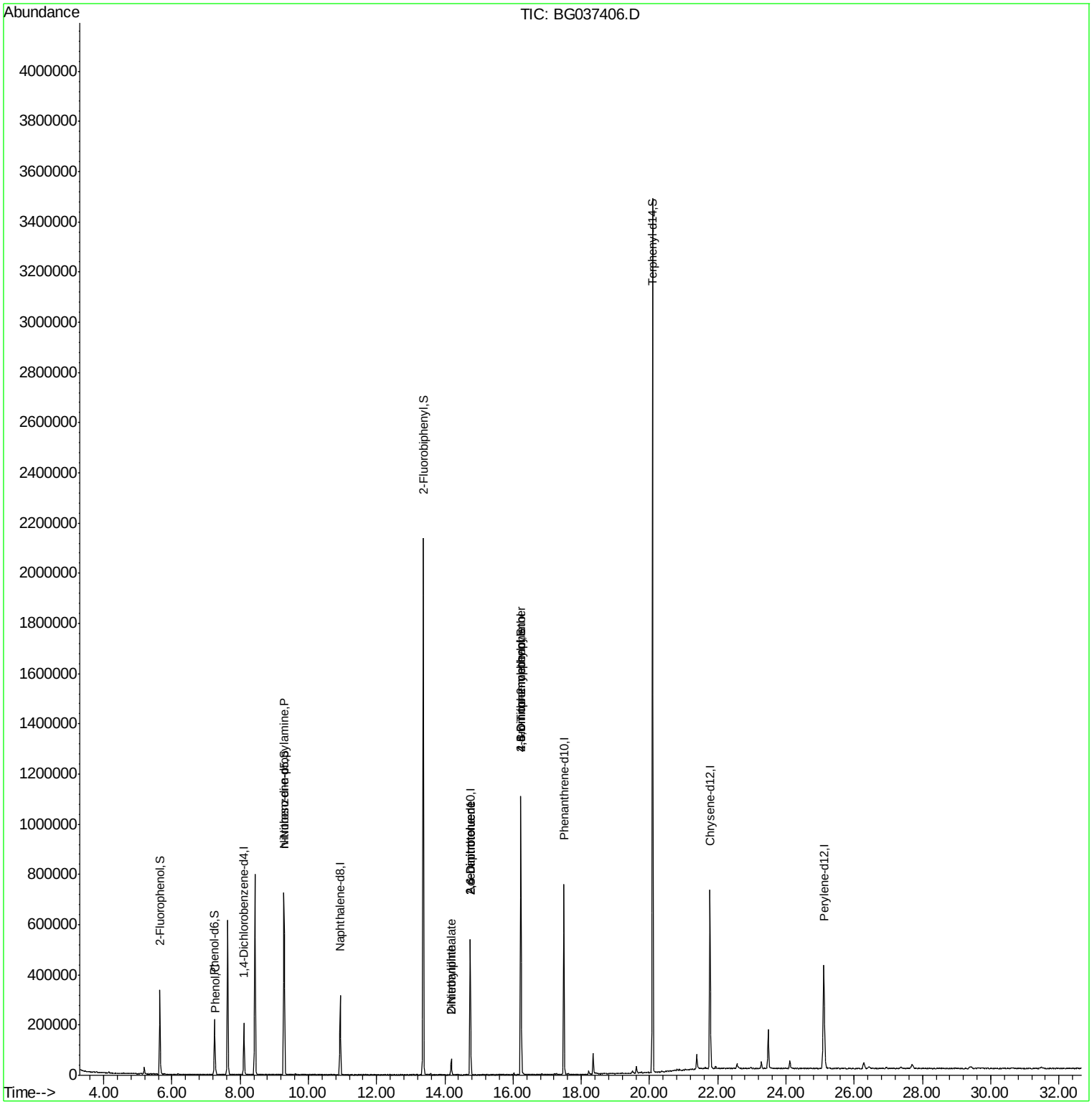
(#) = qualifier out of range (m) = manual integration (+) = signals summed

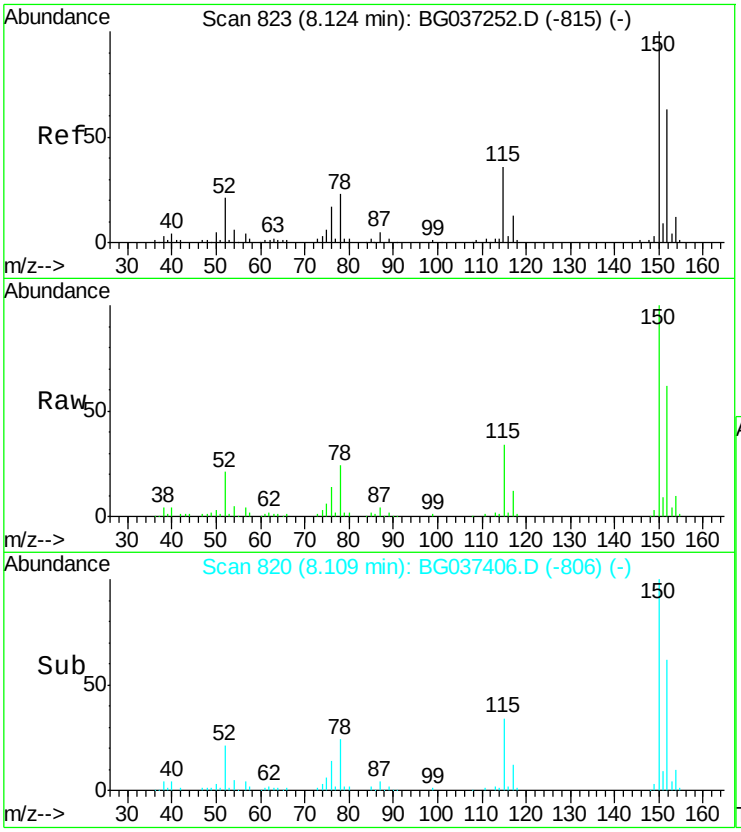
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037406.D
Acq On : 18 Oct 2018 1:19
Operator : JU/SJ
Sample : J5541-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Quant Time: Oct 18 11:45:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration



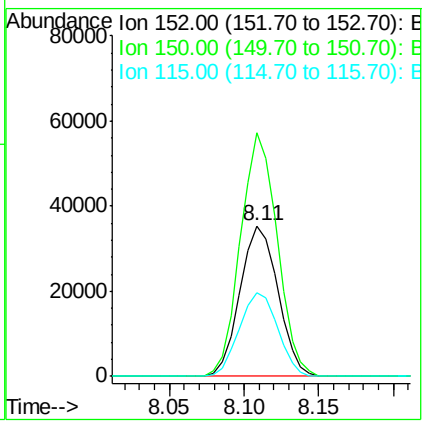


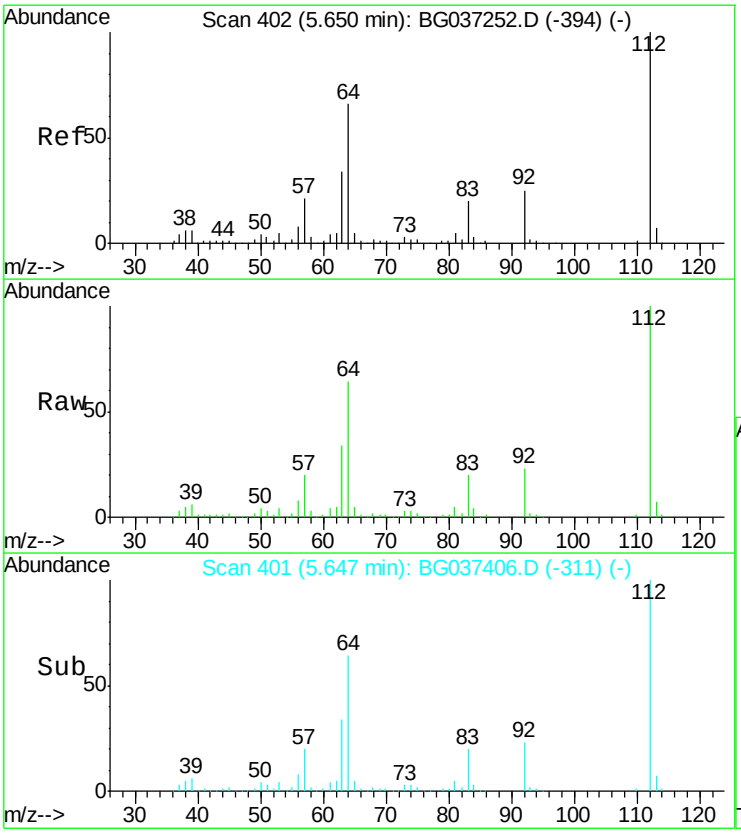
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion:152 Resp: 62230

Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.0	189.0
115	55.7	45.5	68.3

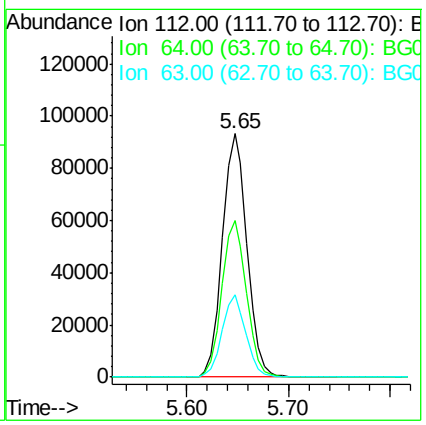


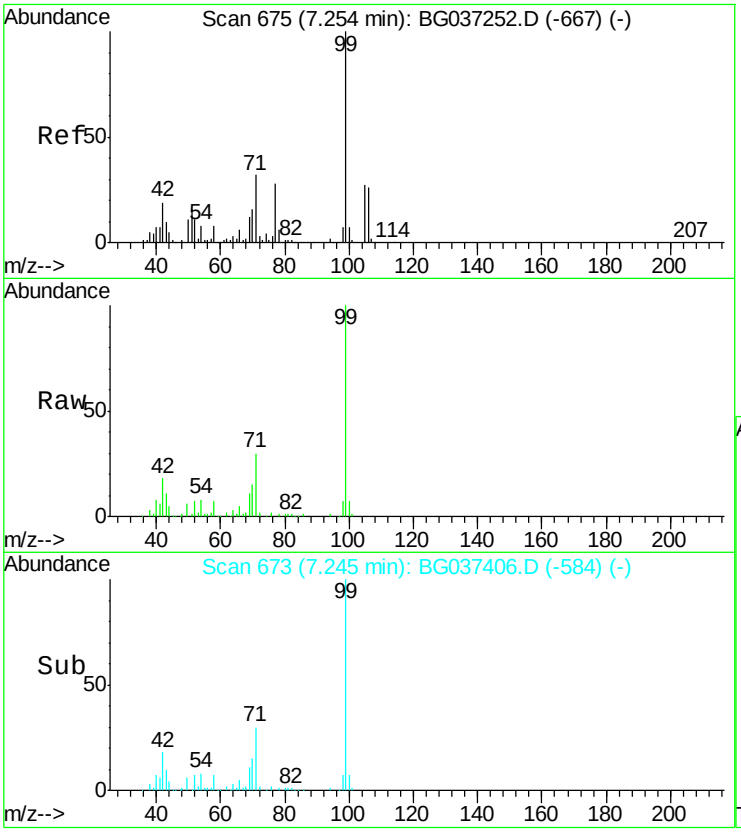


#5
2-Fluorophenol
Concen: 44.188 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:112 Resp: 156248

Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.1	79.7
63	33.6	27.3	40.9



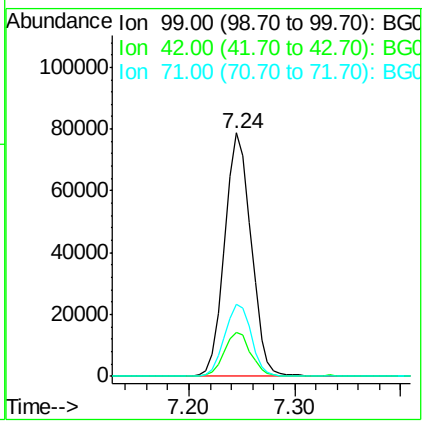


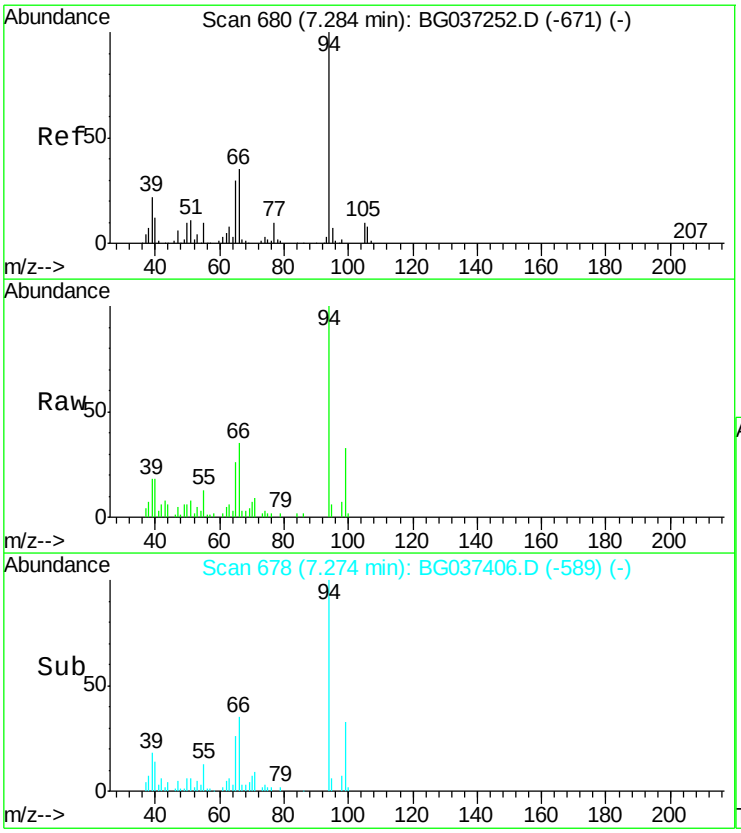
#7
Phenol-d6
Concen: 25.472 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion: 99 Resp: 136710

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	29.5	25.5	38.3

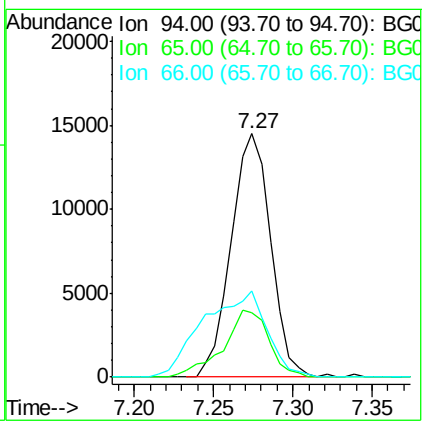


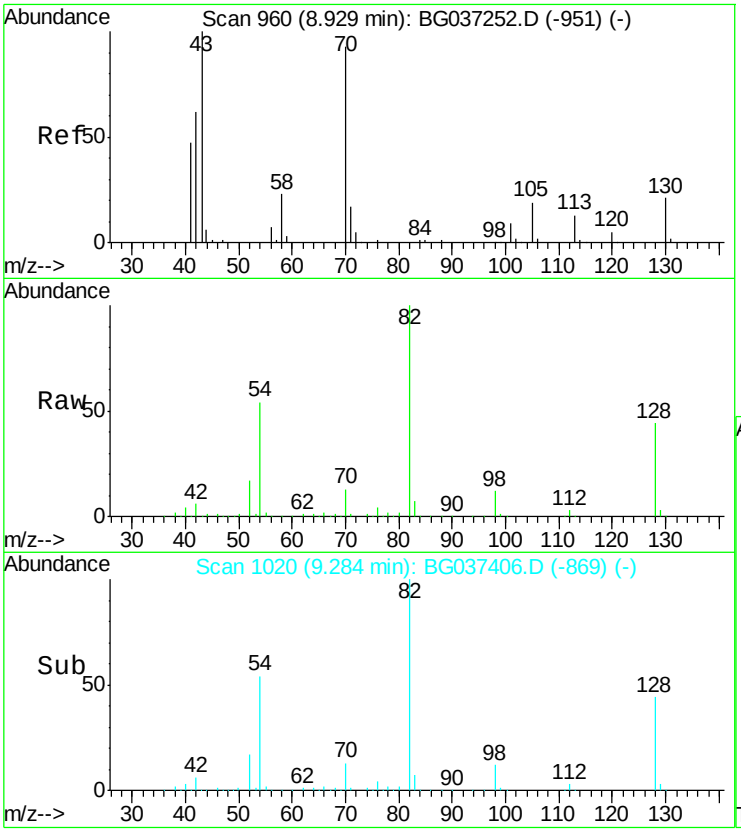


#10
Phenol
Concen: 4.441 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.01 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion: 94 Resp: 25105

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.7	49.7
66	35.2	15.9	55.9



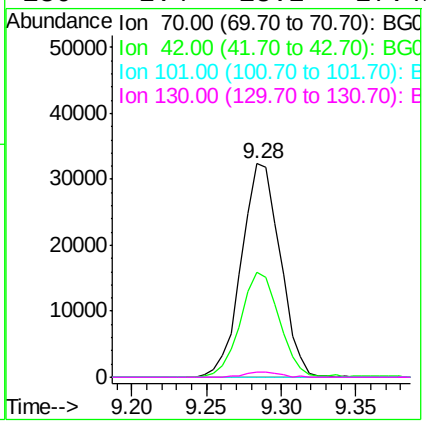


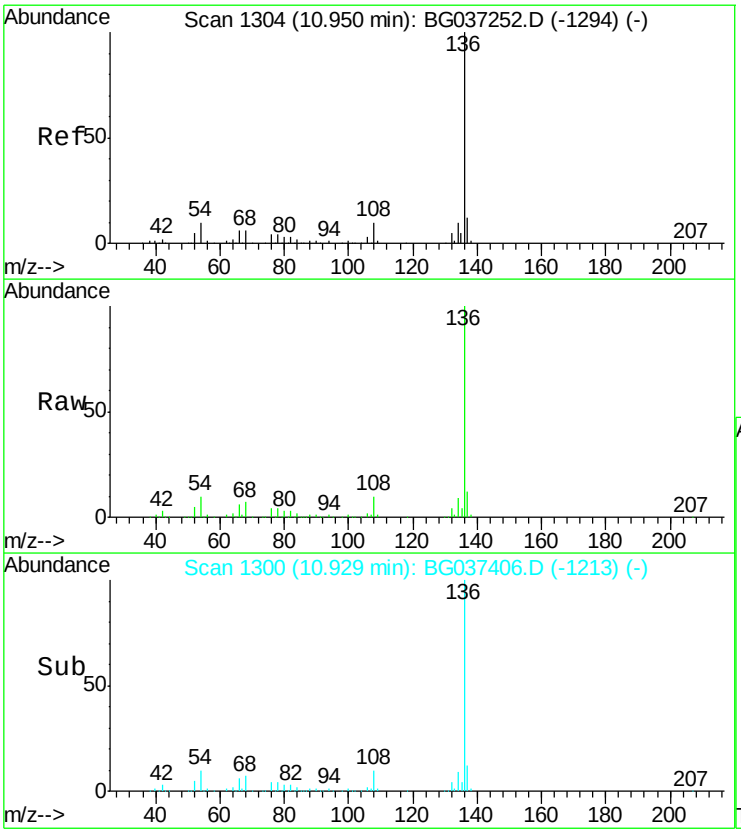
#19
n-Nitroso-di-n-propylamine
Concen: 14.315 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion: 70 Resp: 58167

Ion	Ratio	Lower	Upper
70	100		
42	49.4	53.9	80.9#
101	0.0	8.2	12.2#
130	2.4	18.2	27.4#

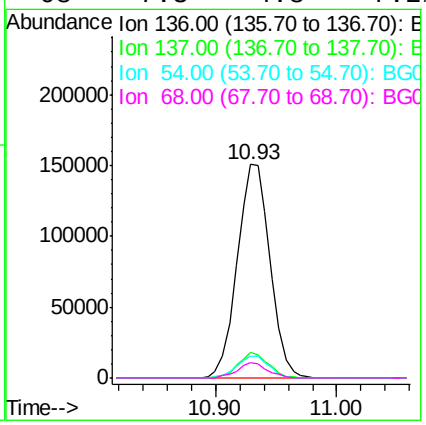


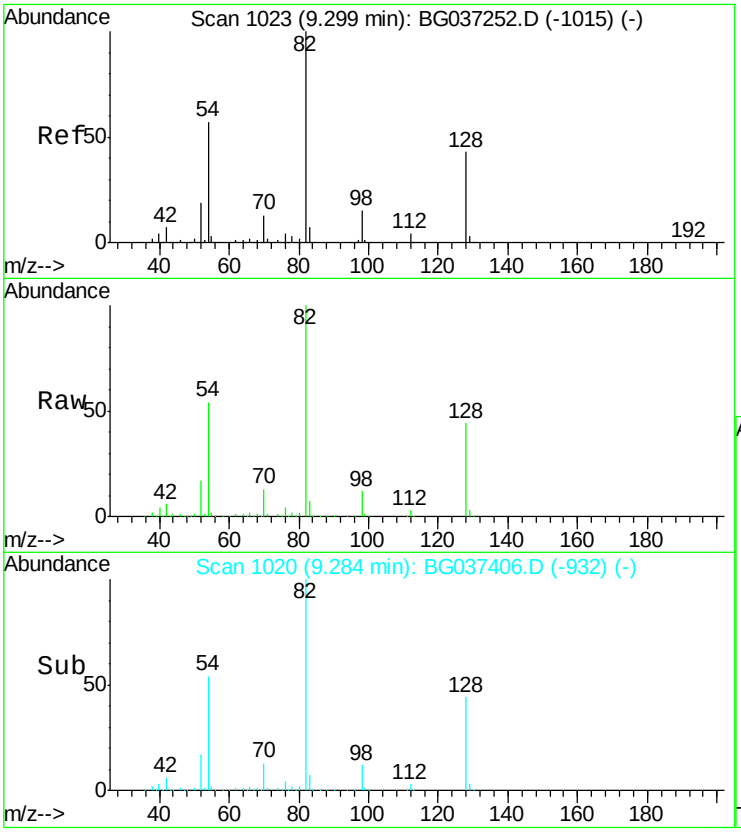


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:136 Resp: 284573

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.1	7.9	11.9
68	7.3	4.8	7.2#



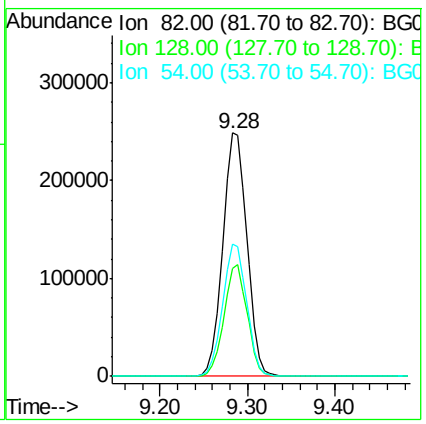


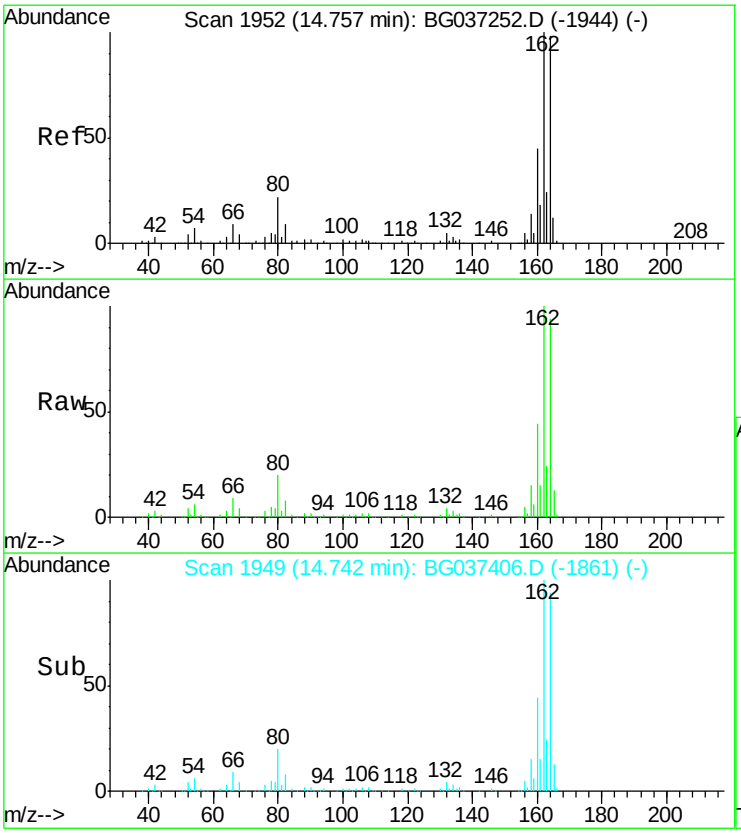
#23
Nitrobenzene-d5
Concen: 107.484 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion: 82 Resp: 465239

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.3	45.3	67.9

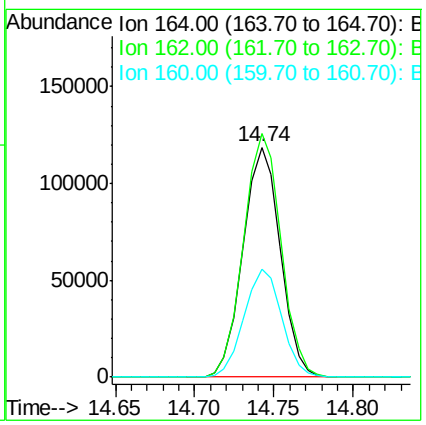


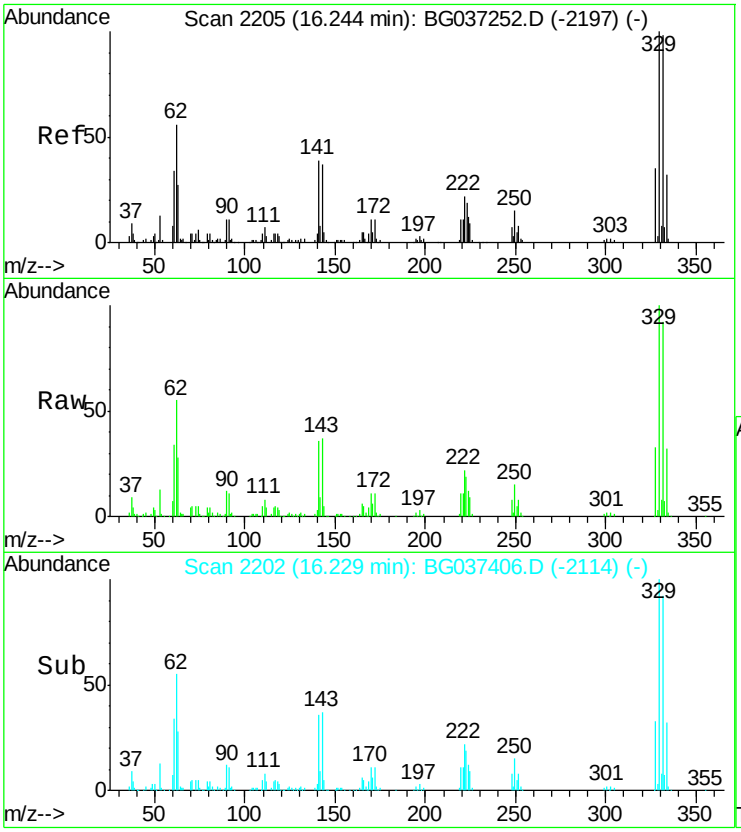


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:164 Resp: 193850

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.3	121.9
160	47.1	36.3	54.5



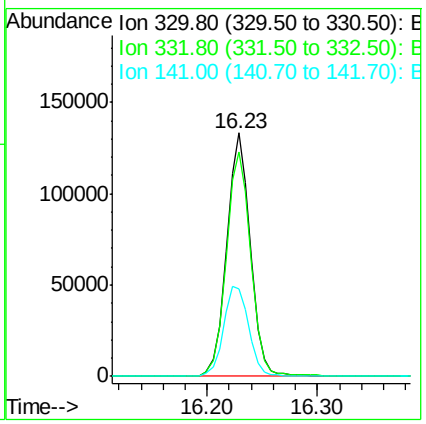


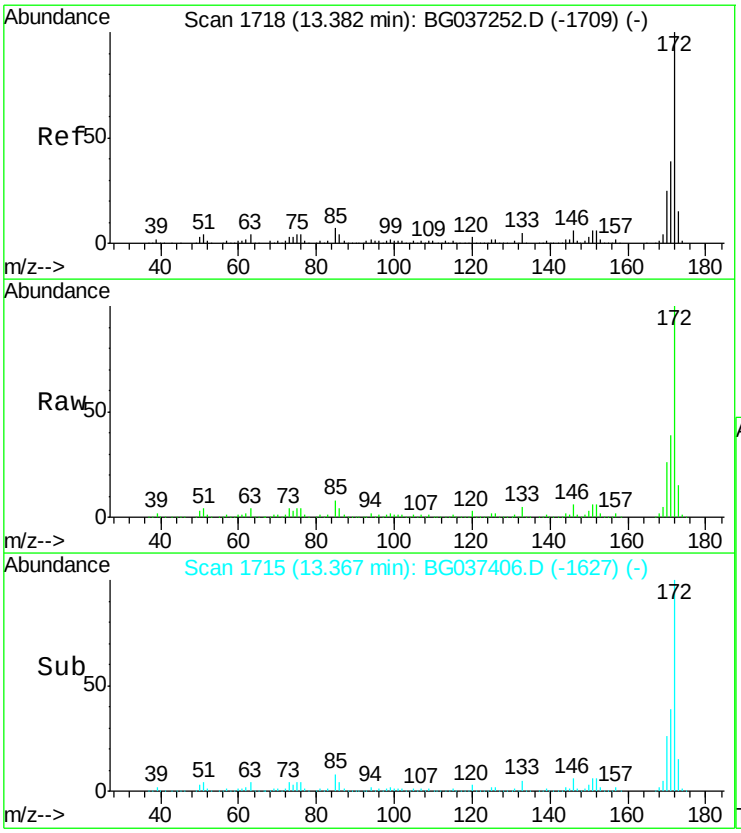
#42
2,4,6-Tribromophenol
Concen: 105.111 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion:330 Resp: 199829

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	39.8	32.2	48.2

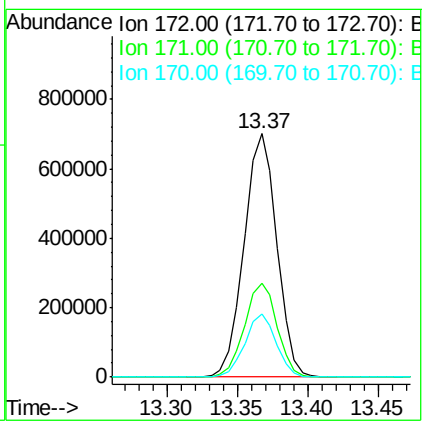


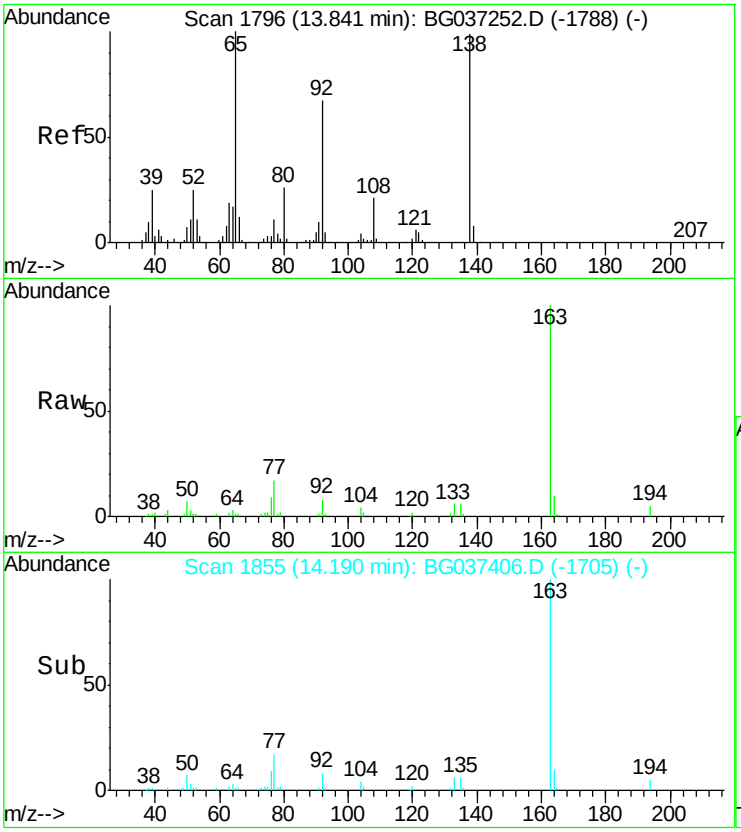


#45
2-Fluorobiphenyl
Concen: 88.162 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:172 Resp: 1138005

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	26.0	20.2	30.2



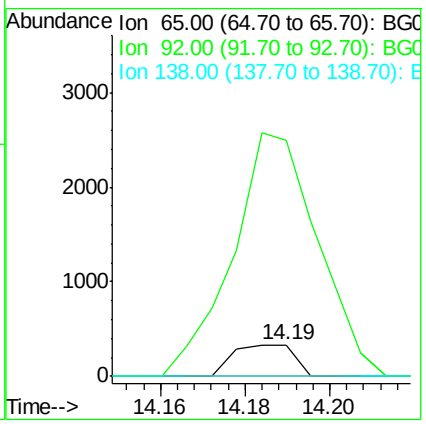


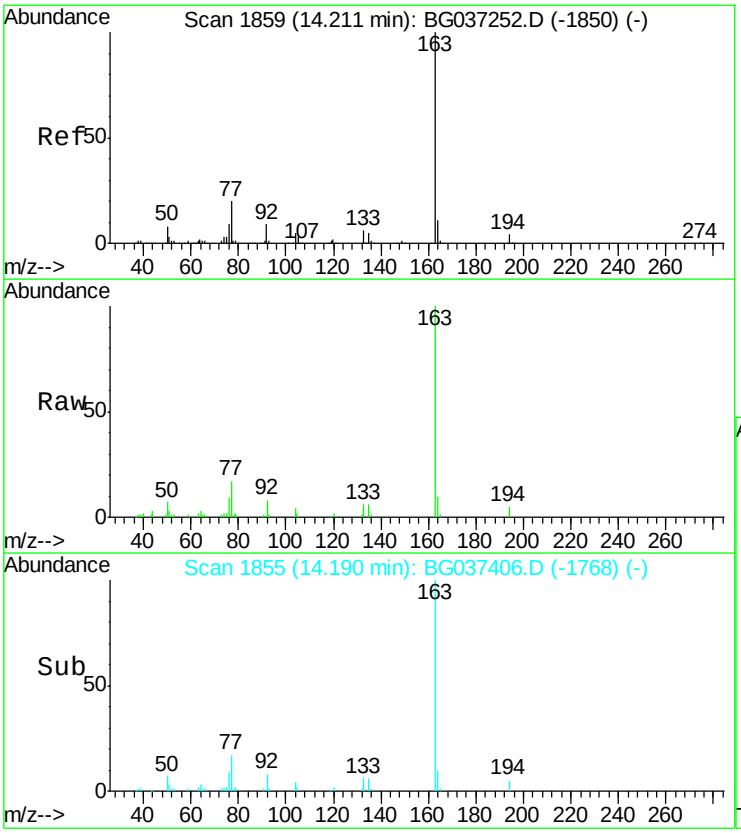
#48
2-Nitroaniline
Concen: 5.844 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion: 65 Resp: 331

Ion	Ratio	Lower	Upper
65	100		
92	754.2	53.2	79.8#
138	0.0	79.3	118.9#

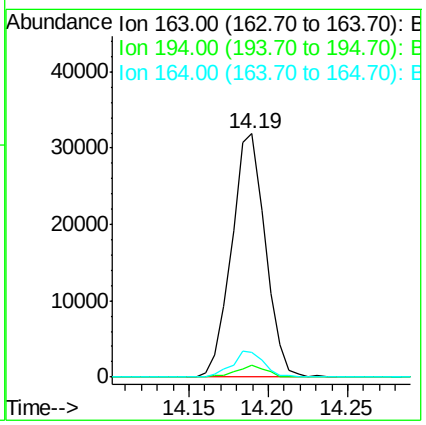


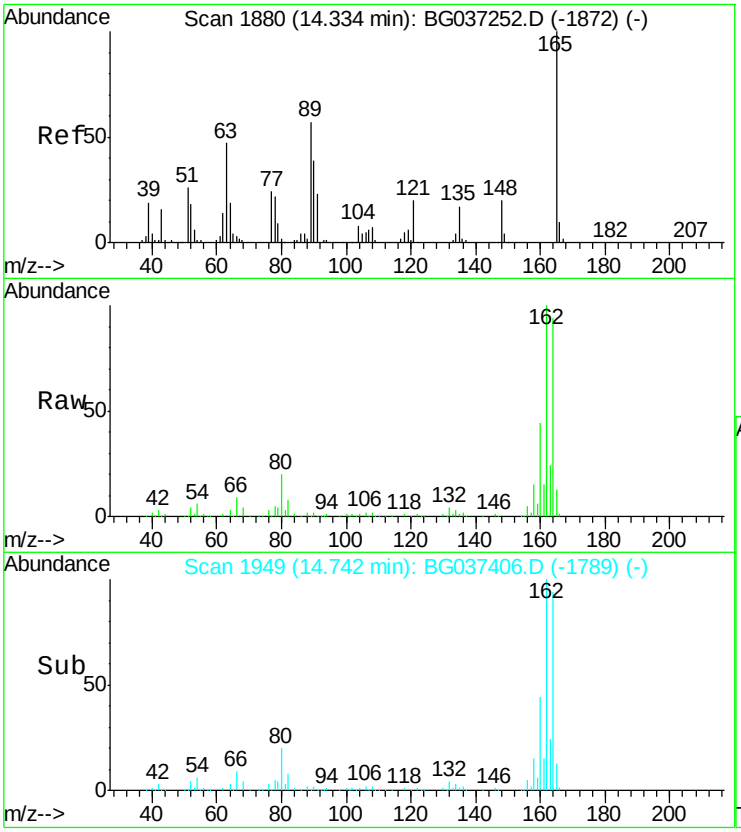


#50
Dimethylphthalate
Concen: 3.086 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:163 Resp: 47008

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.2	8.5	12.7



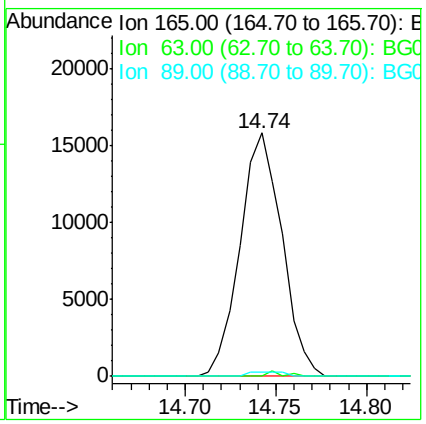


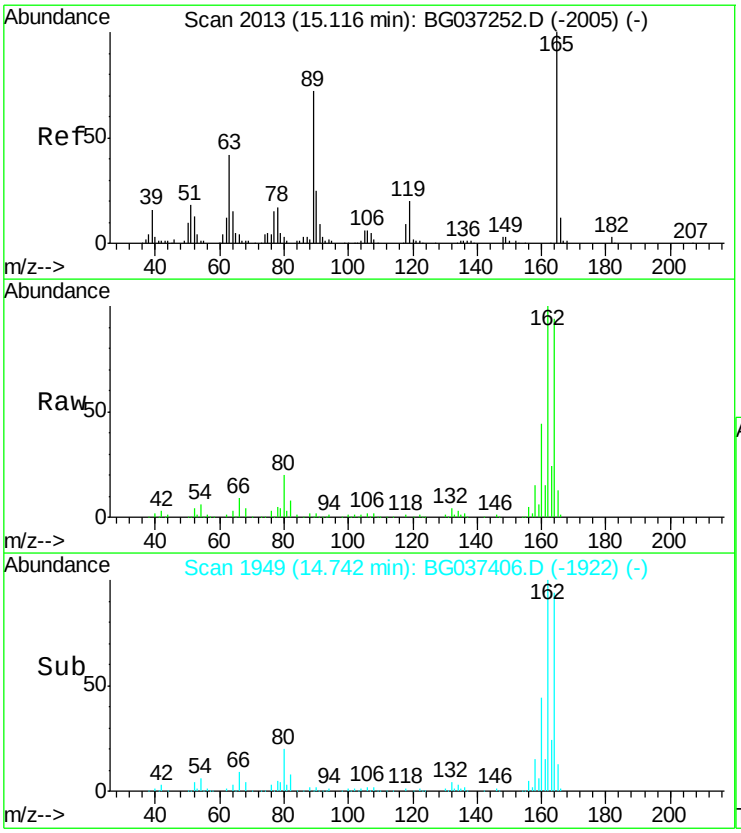
#51
2,6-Dinitrotoluene
Concen: 12.524 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.41 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion:165 Resp: 25366

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.7	45.8	68.6#

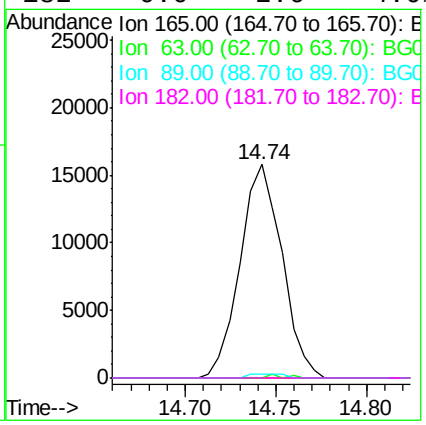


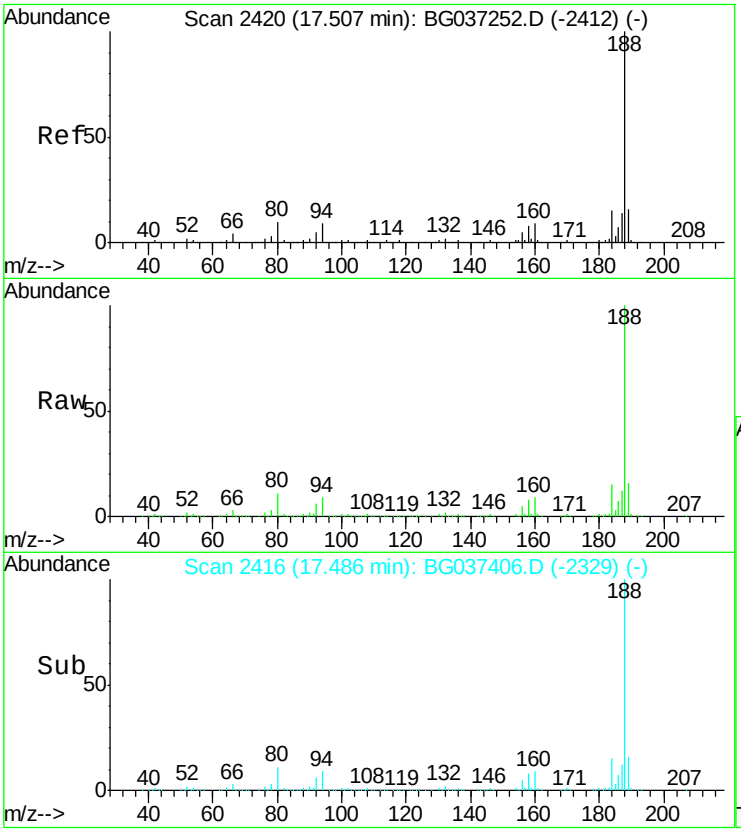


#57
2,4-Dinitrotoluene
Concen: 11.353 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.37 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:165 Resp: 25366

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



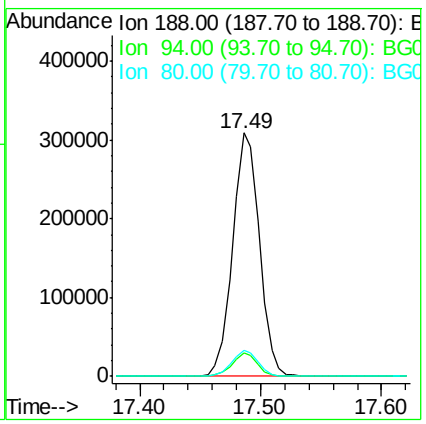


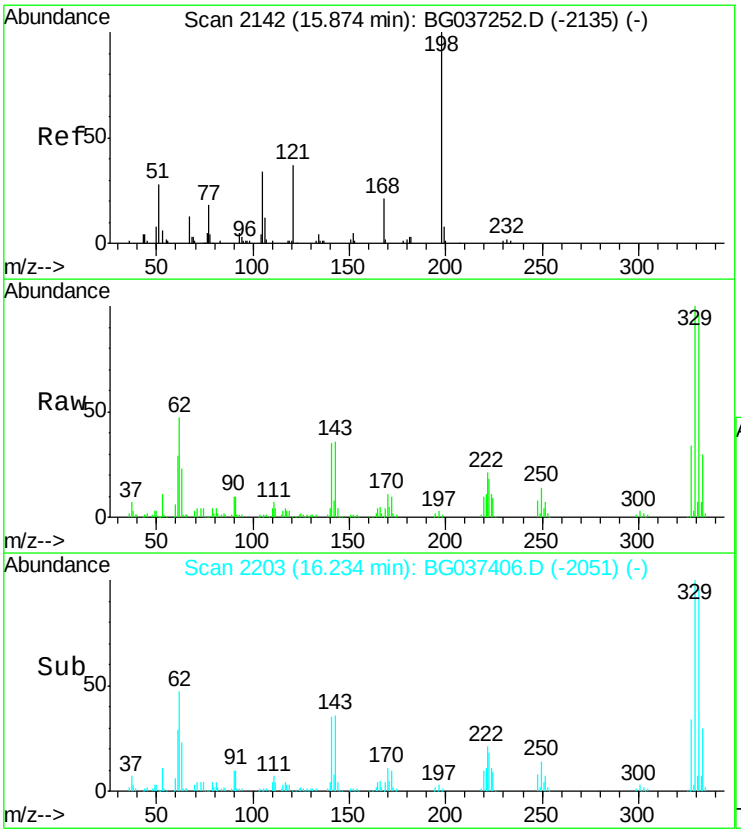
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion:188 Resp: 477007

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.7	11.5

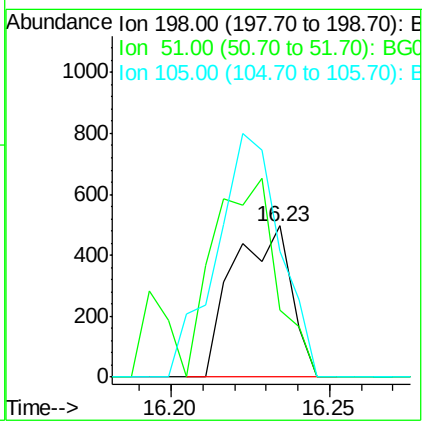


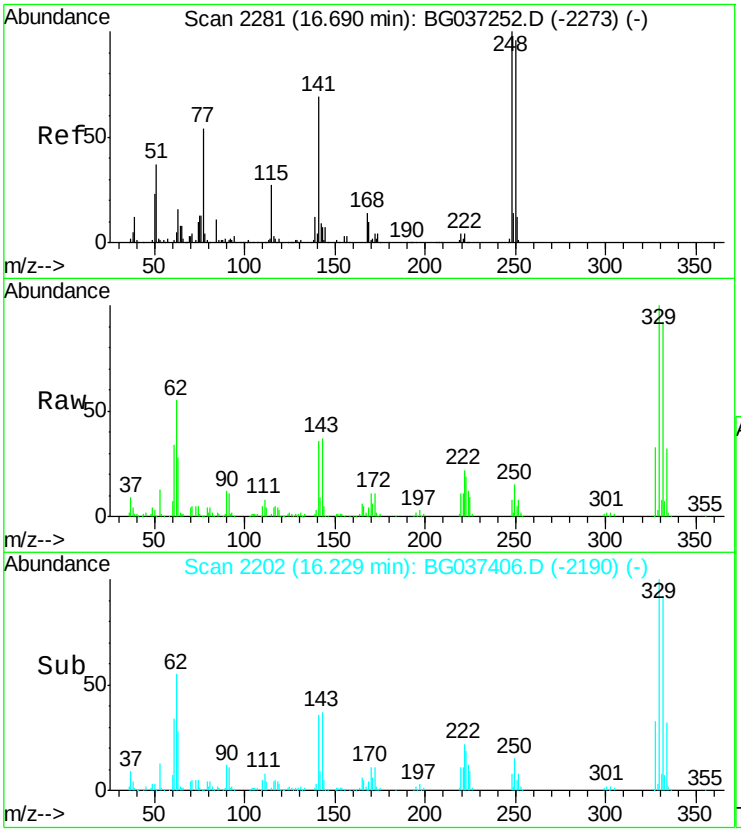


#65
4,6-Dinitro-2-methylphenol
Concen: 6.315 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:198 Resp: 630

Ion	Ratio	Lower	Upper
198	100		
51	11.4	22.7	62.7#
105	21.5	19.7	59.7



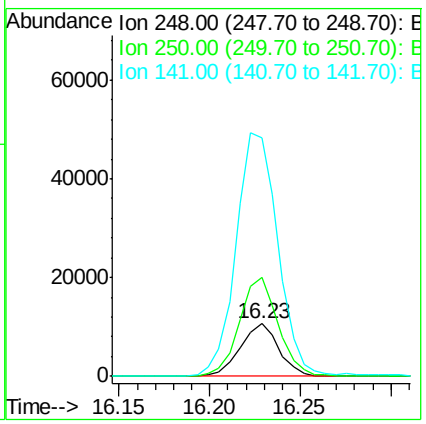


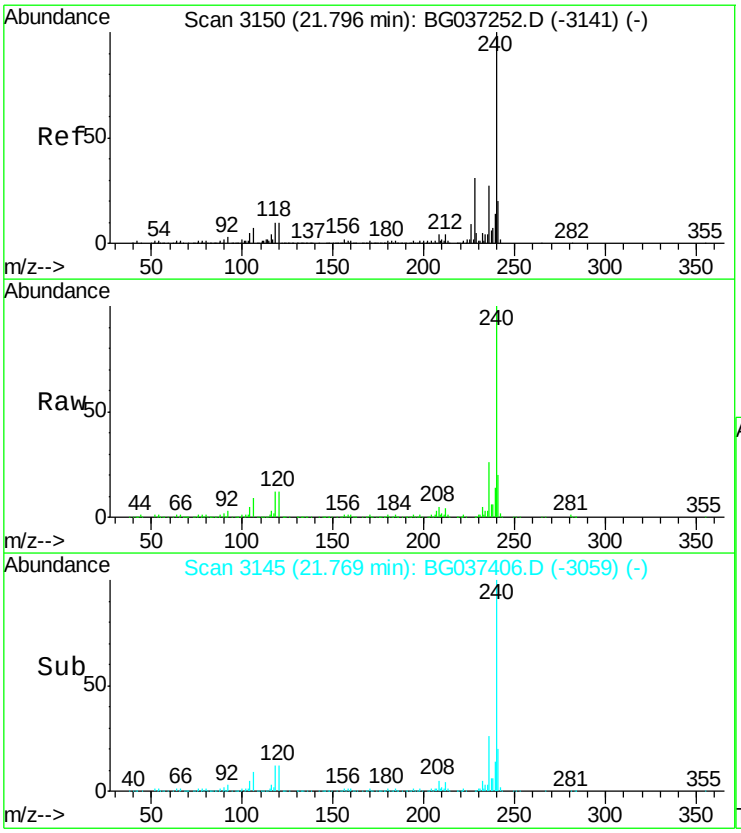
#67
4-Bromophenyl-phenylether
Concen: 3.011 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion:248 Resp: 15503

Ion	Ratio	Lower	Upper
248	100		
250	193.8	77.0	115.6#
141	357.8	55.5	83.3#

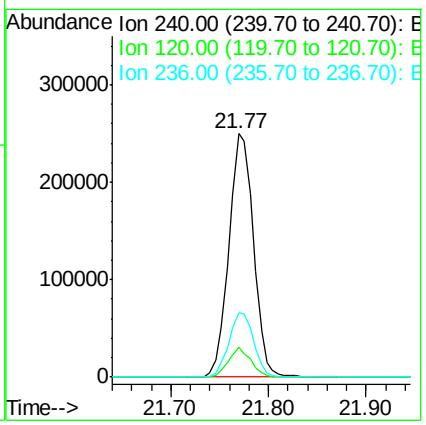


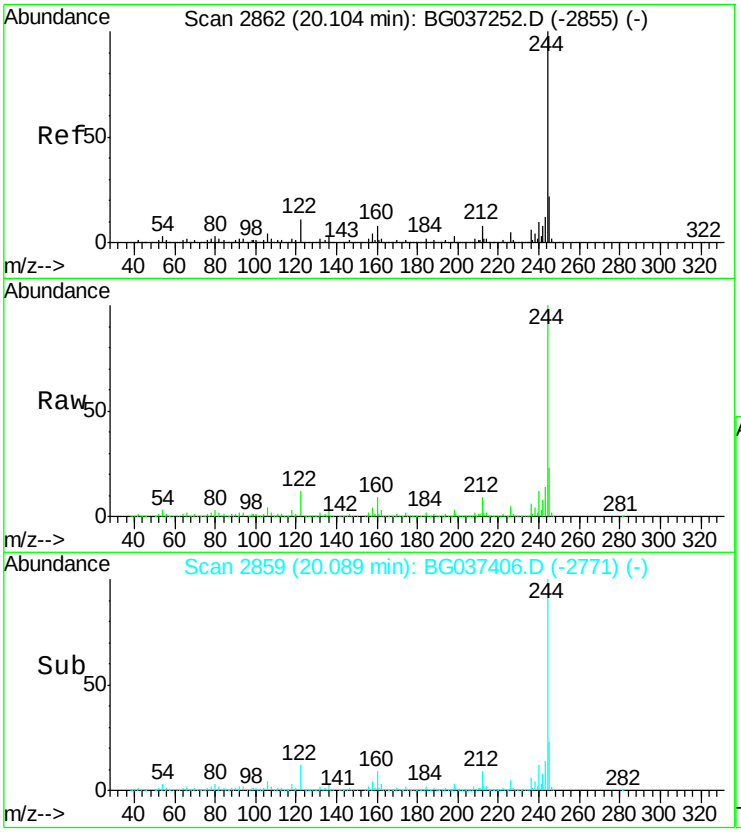


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.03 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:240 Resp: 437797

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.1	12.1#
236	26.4	21.4	32.0



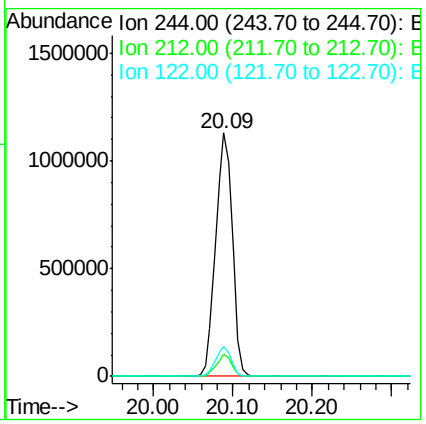


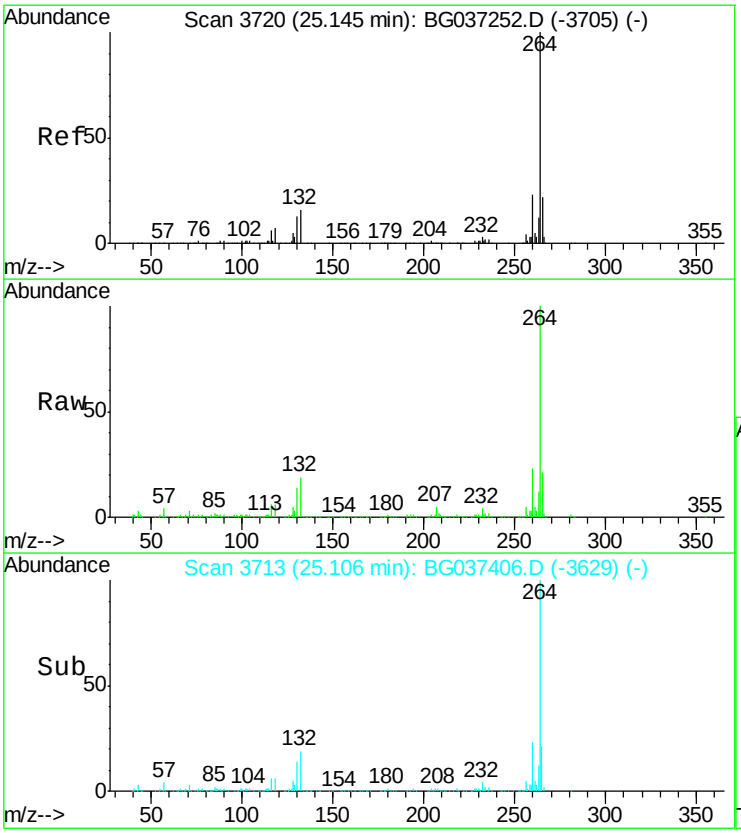
#79
Terphenyl-d14
Concen: 79.110 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-M

Tgt Ion:244 Resp: 1649431

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	12.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.04 min
Lab File: BG037406.D
Acq: 18 Oct 2018 1:19

Tgt Ion:264 Resp: 444209

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.2	17.9	26.9