Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038677.D
Acq On : 18 Dec 2018 00:58
Operator : JU/SJ
Sample : J6378-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD011-0006-01

Quant Time: Dec 18 03:45:59 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	20800	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	90013	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	58980	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	139629	20.00	ng		0.00
76) Chrysene-d12	21.72	240	137564	20.00	ng		0.00
87) Perylene-d12	25.02	264	149980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	141002	120.23	ng		0.00
7) Phenol-d6	7.21	99	191984	119.25	ng		0.00
23) Nitrobenzene-d5	9.23	82	123438	70.06	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	87602	107.77	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	238297	55.43	ng		0.00
79) Terphenyl-d14	20.05	244	343751	54.38	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	13904	8.129	ng		85
19) n-Nitroso-di-n-propylamine	9.23	70	17620	15.583	ng	#	70
50) Dimethylphthalate	14.14	163	25174	5.227	ng		98
51) 2,6-Dinitrotoluene	14.69	165	7664	7.022	ng	#	22
57) 2,4-Dinitrotoluene	14.69	165	7664	4.985	ng	#	25
67) 4-Bromophenyl-phenylether	16.19	248	5569	3.266	ng	#	1
69) Atrazine	16.87	200	4405	2.893	ng	#	33

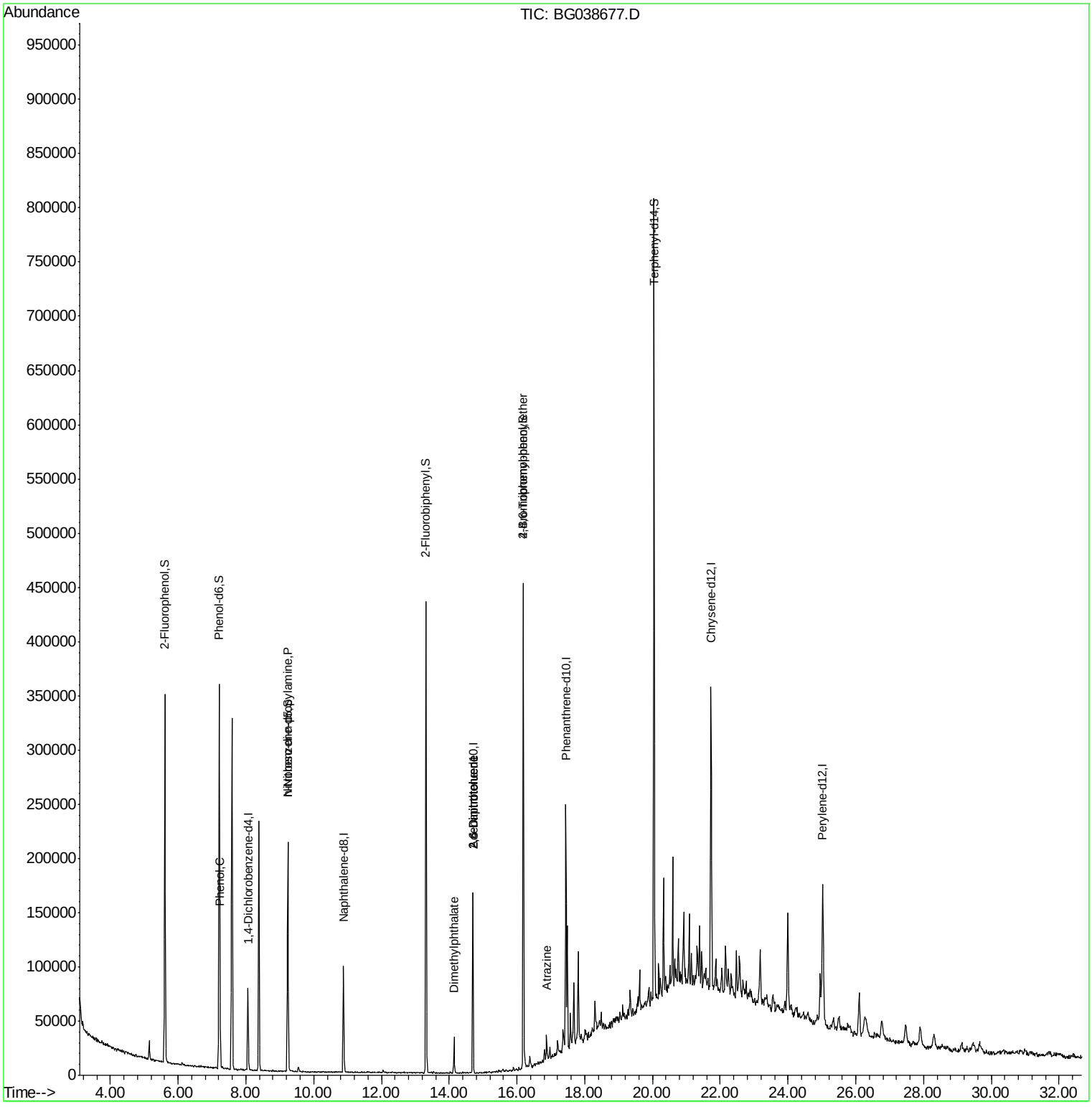
(#) = qualifier out of range (m) = manual integration (+) = signals summed

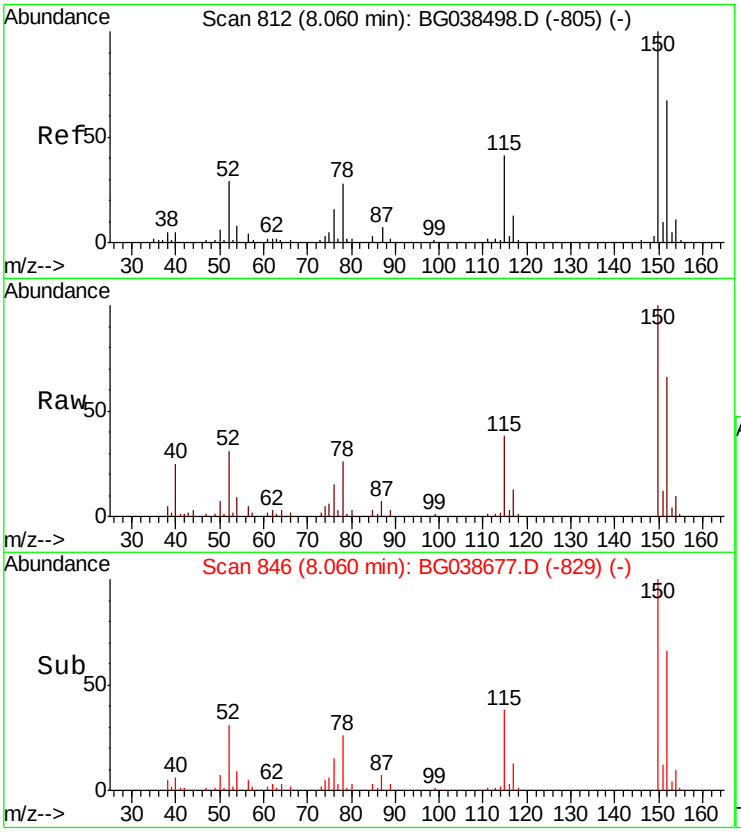
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038677.D
Acq On : 18 Dec 2018 00:58
Operator : JU/SJ
Sample : J6378-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Quant Time: Dec 18 03:45:59 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



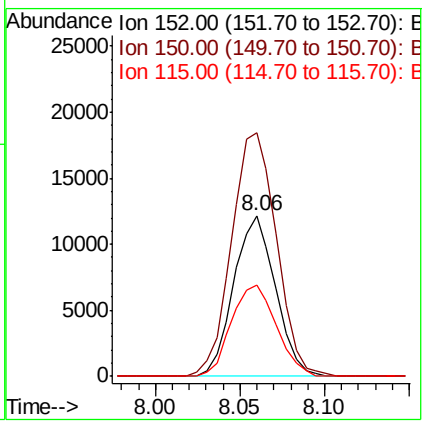


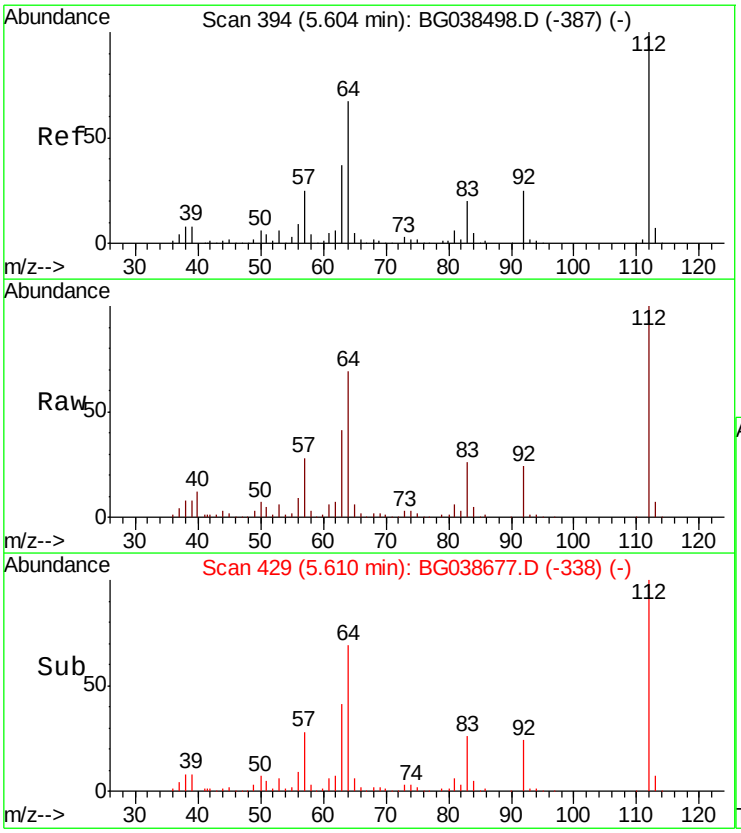
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:152 Resp: 20800

Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	57.1	49.6	74.4

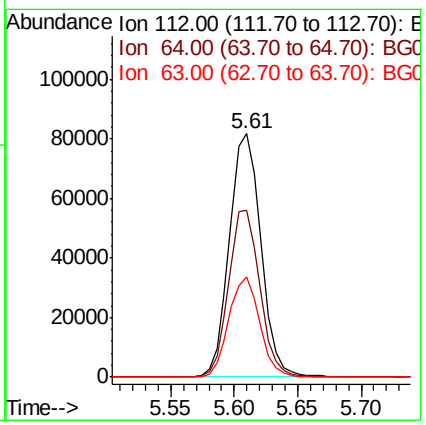


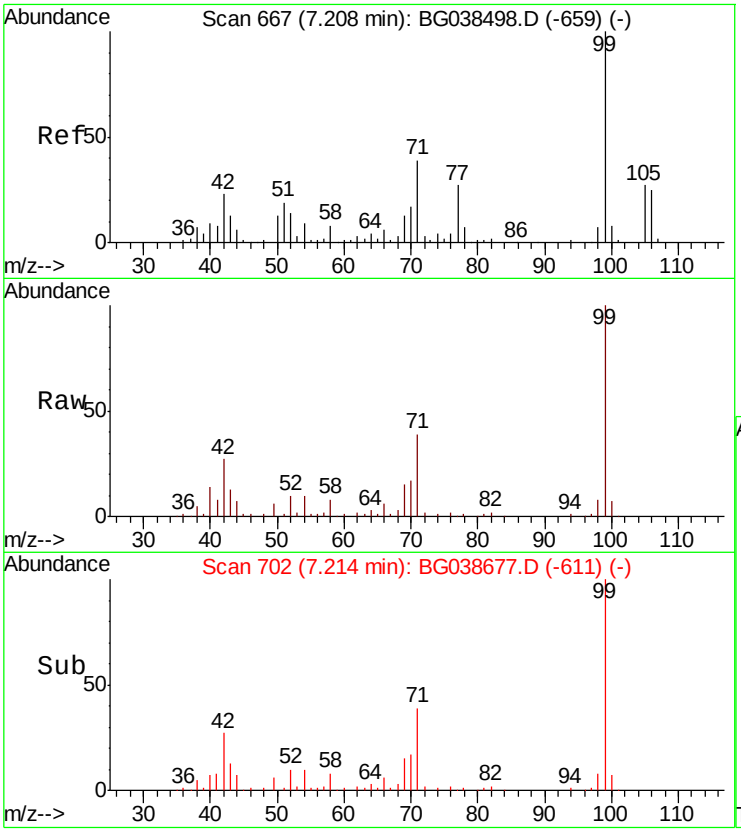


#5
2-Fluorophenol
Concen: 120.235 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:112 Resp: 141002

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.4	80.2
63	41.0	29.3	43.9



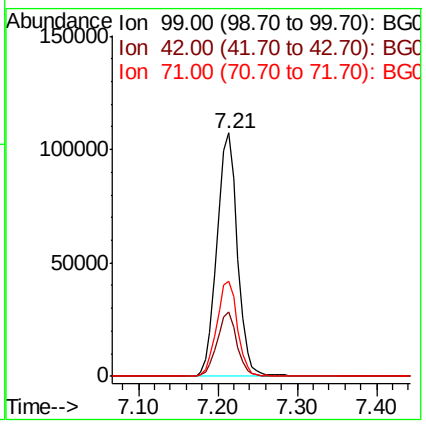


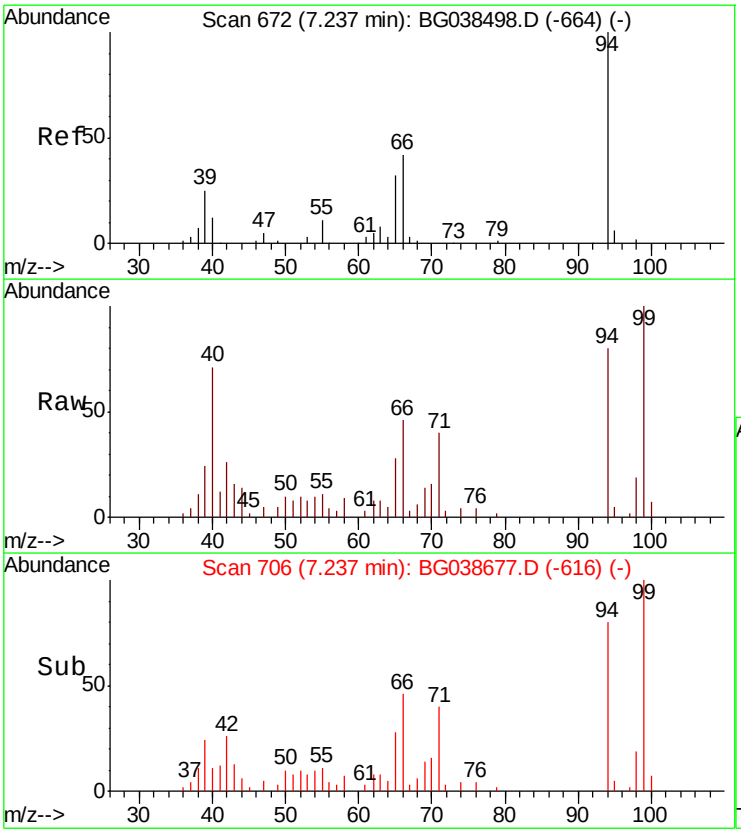
#7
Phenol-d6
Concen: 119.251 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion: 99 Resp: 191984

Ion	Ratio	Lower	Upper
99	100		
42	26.7	18.5	27.7
71	38.9	31.1	46.7

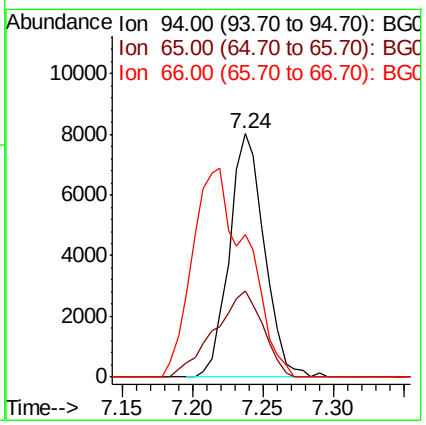


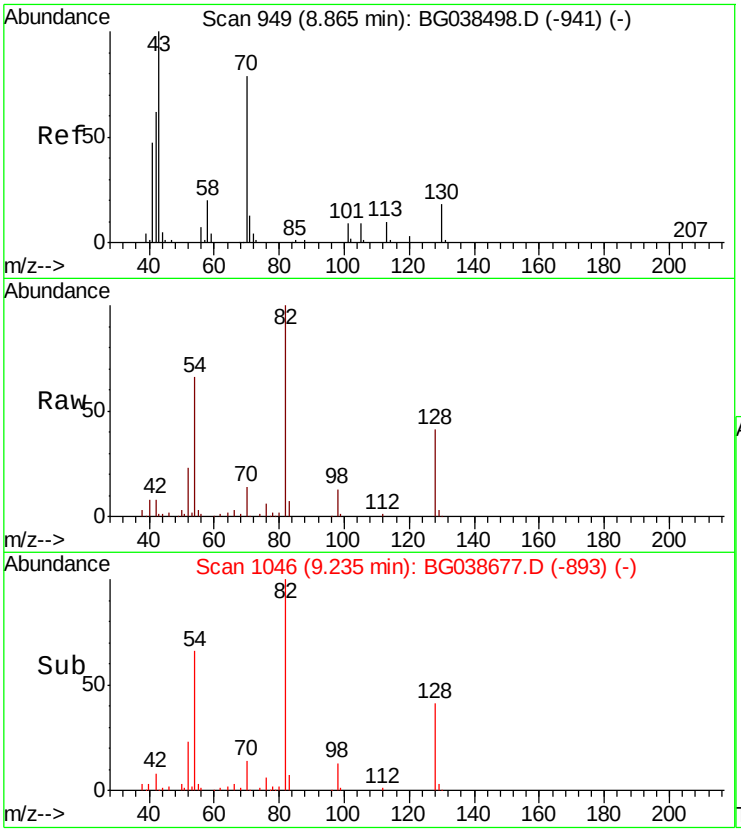


#10
Phenol
Concen: 8.129 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion: 94 Resp: 13904

Ion	Ratio	Lower	Upper
94	100		
65	35.4	12.6	52.6
66	58.3	24.1	64.1



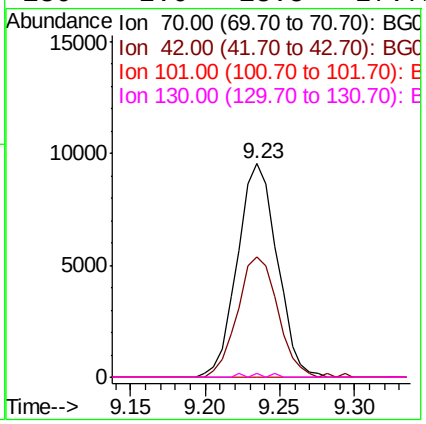


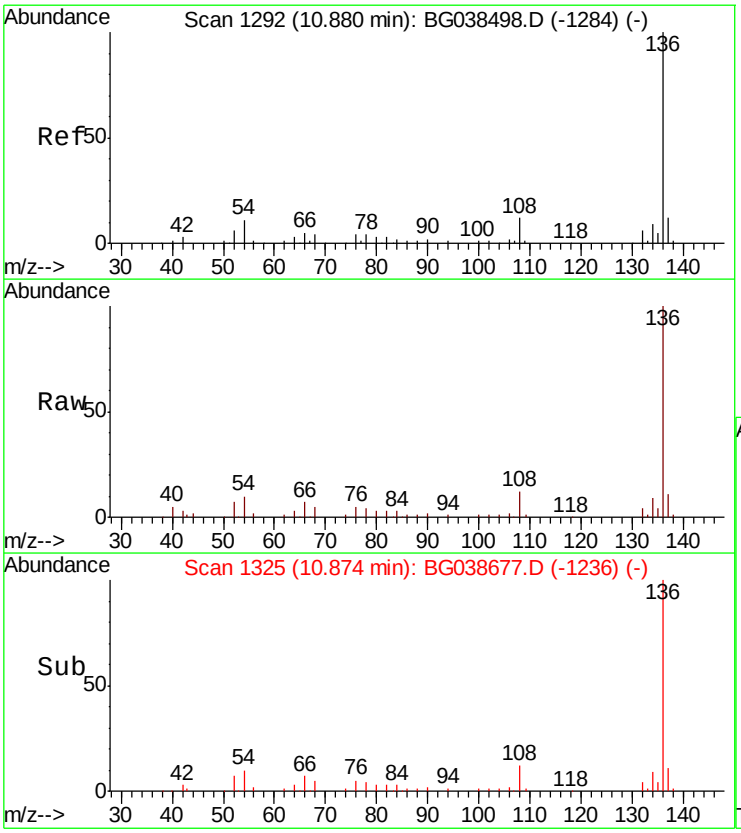
#19
n-Nitroso-di-n-propylamine
Concen: 15.583 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion: 70 Resp: 17620

Ion	Ratio	Lower	Upper
70	100		
42	56.6	63.6	95.4#
101	0.0	9.2	13.8#
130	2.0	18.5	27.7#

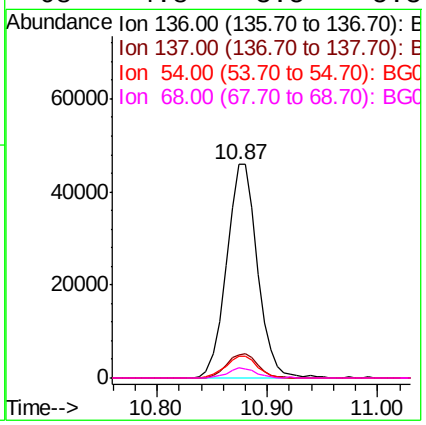


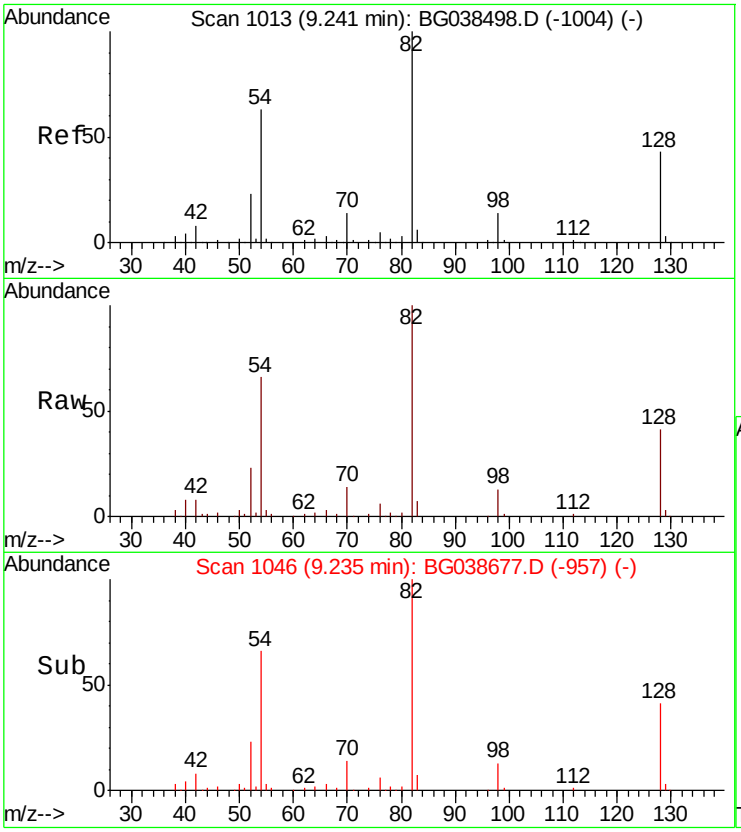


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:136 Resp: 90013

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	10.3	8.5	12.7
68	4.8	3.5	5.3



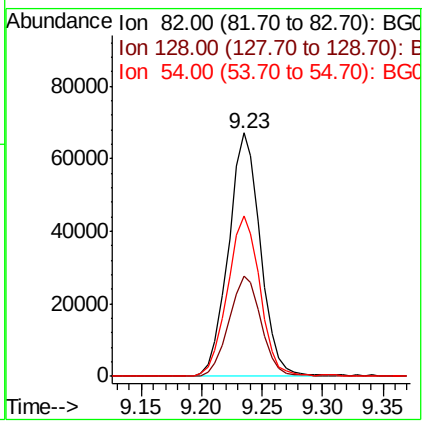


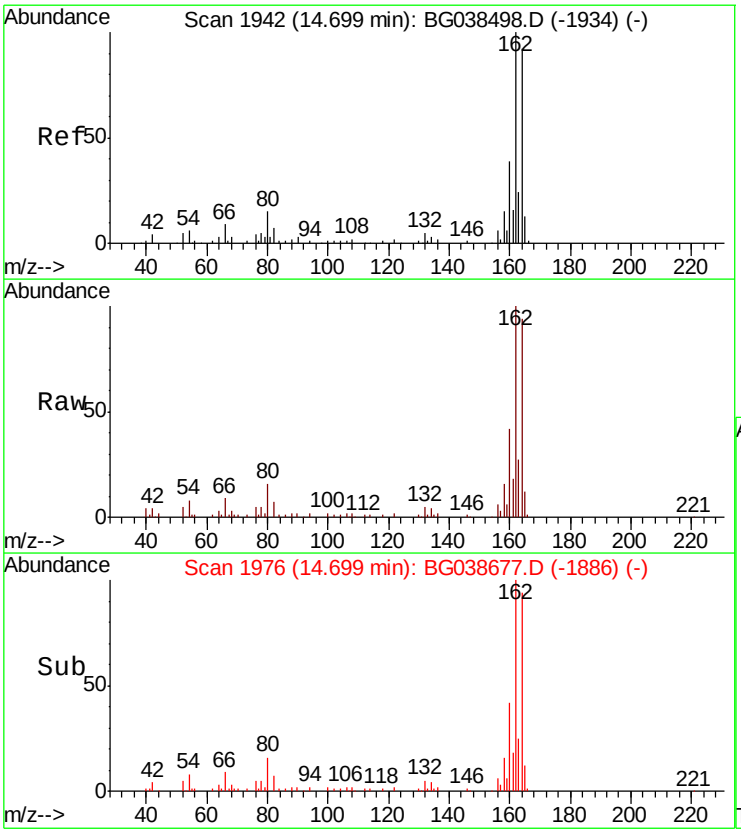
#23
Nitrobenzene-d5
Concen: 70.058 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion: 82 Resp: 123438

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	66.1	50.6	76.0

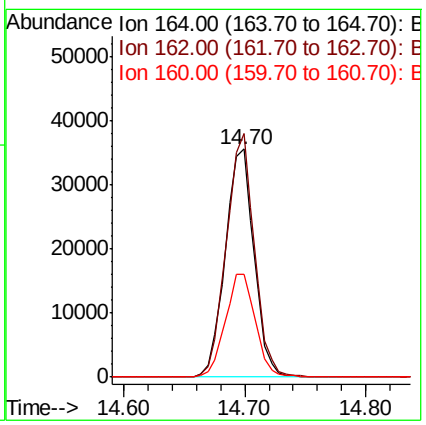


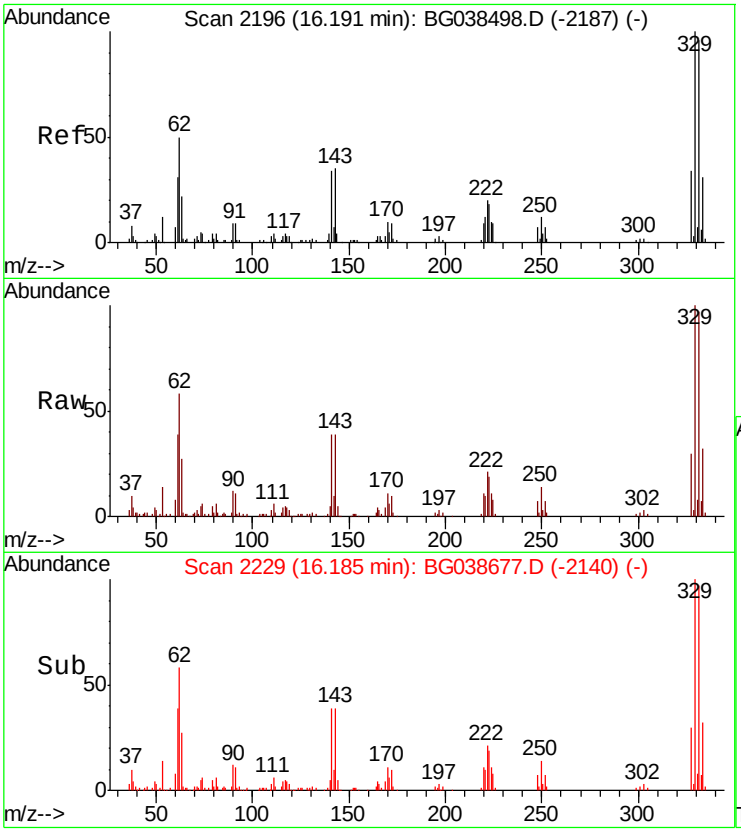


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:164 Resp: 58980

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.6	130.0
160	44.9	34.2	51.2



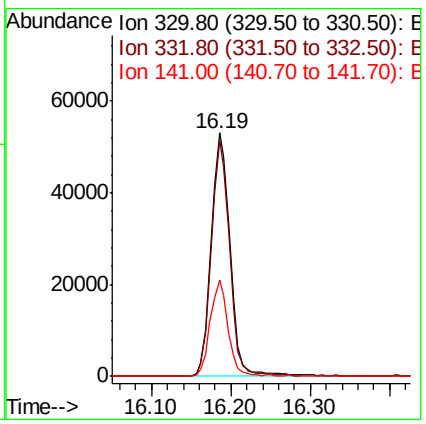


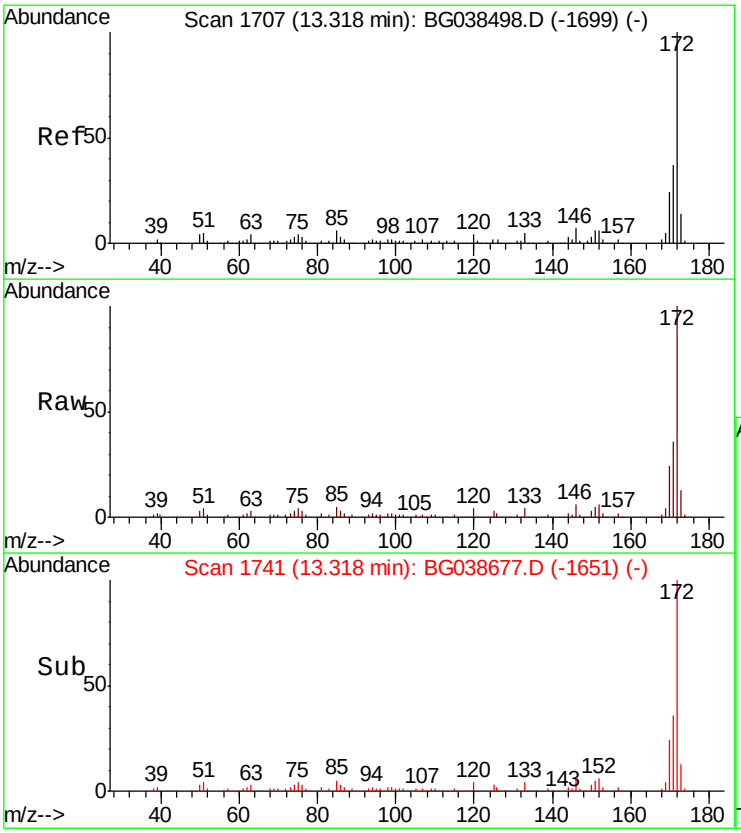
#42
2,4,6-Tribromophenol
Concen: 107.771 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:330 Resp: 87602

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.9	115.3
141	37.5	28.8	43.2

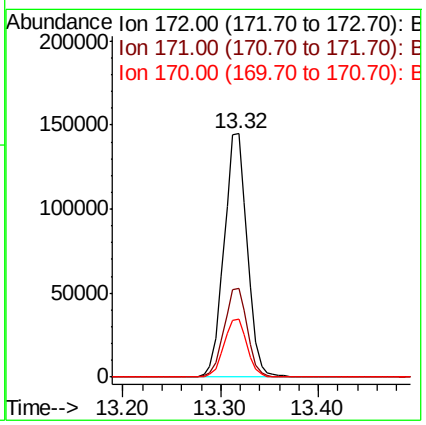


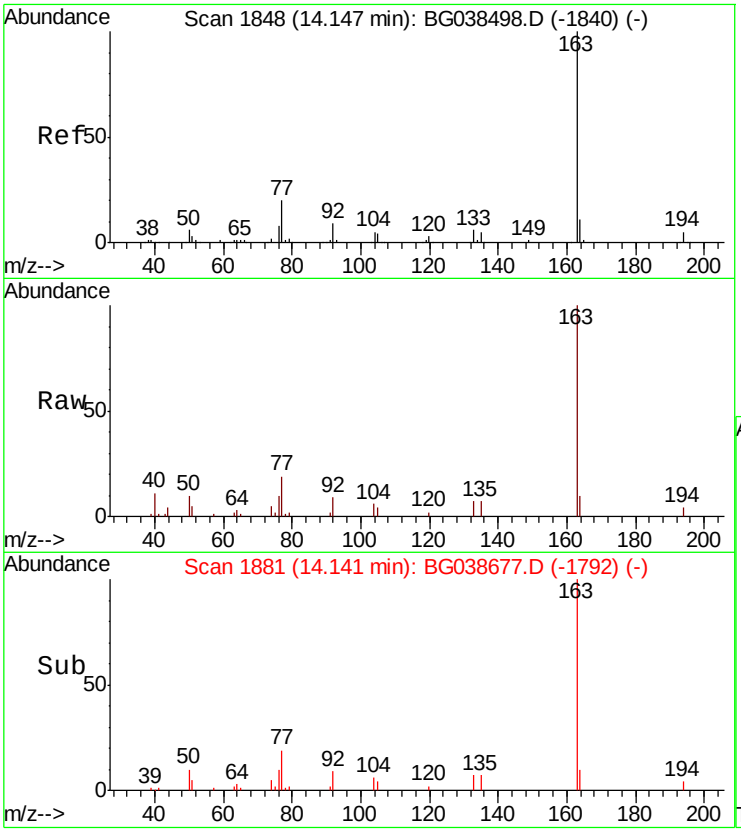


#45
2-Fluorobiphenyl
Concen: 55.427 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:172 Resp: 238297

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.8	19.5	29.3



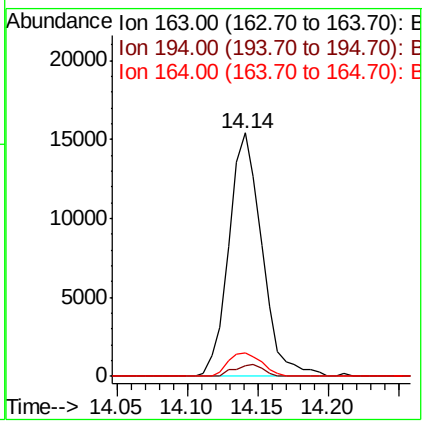


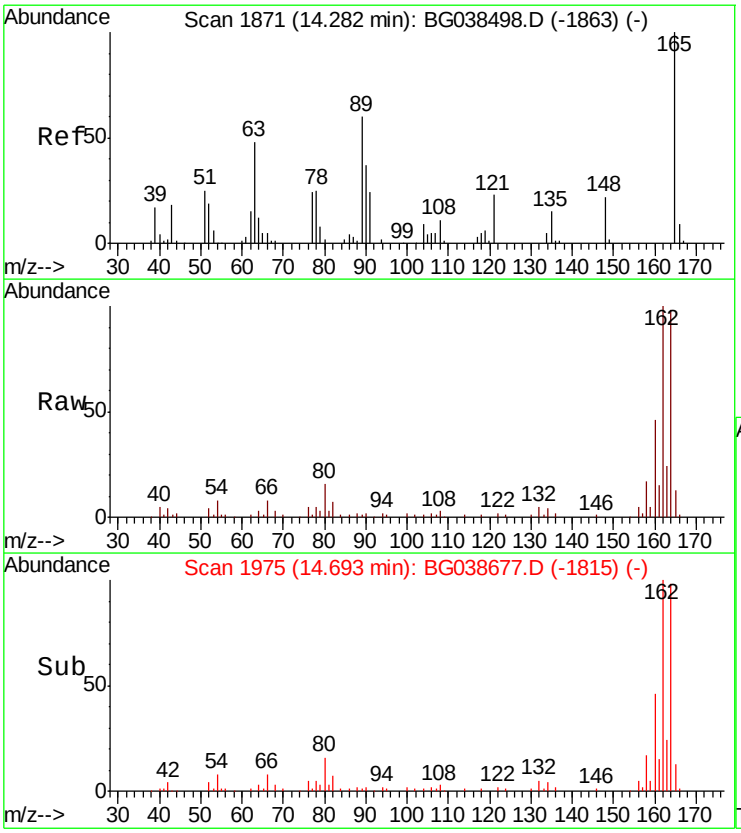
#50
Dimethylphthalate
Concen: 5.227 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:163 Resp: 25174

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	9.6	8.6	12.8

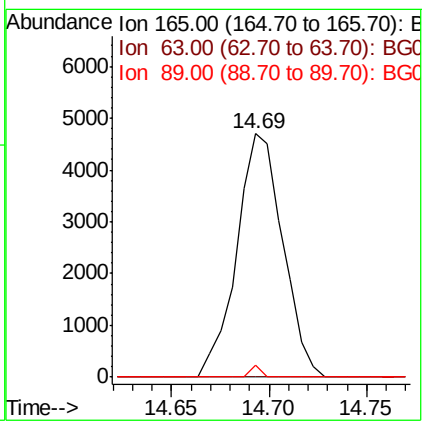


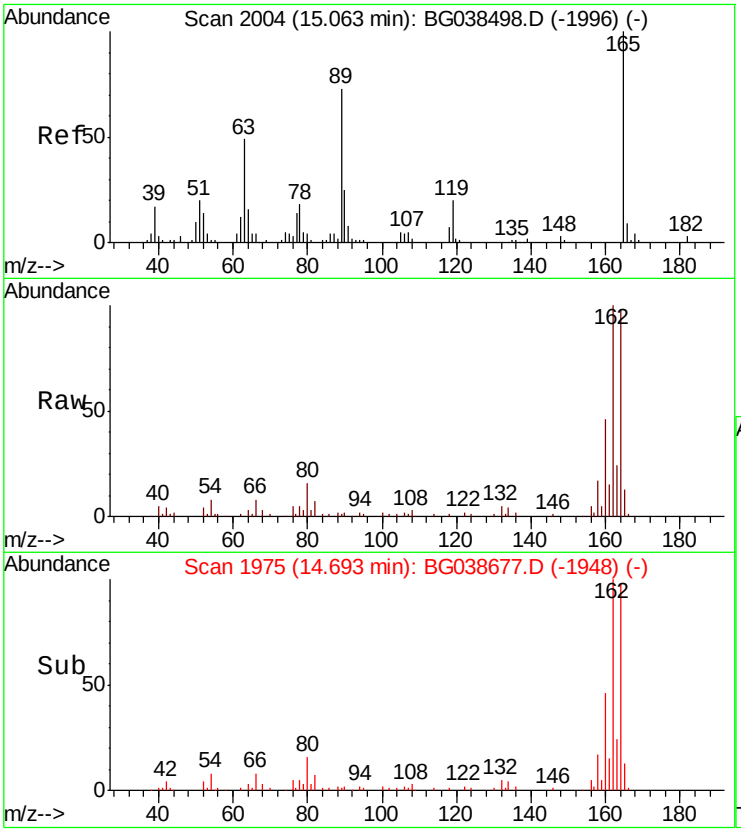


#51
2,6-Dinitrotoluene
Concen: 7.022 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:165 Resp: 7664

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	5.0	47.9	71.9#



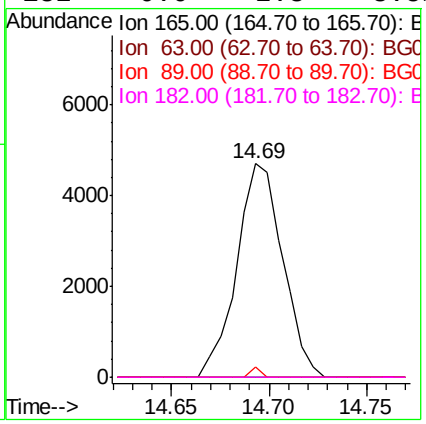


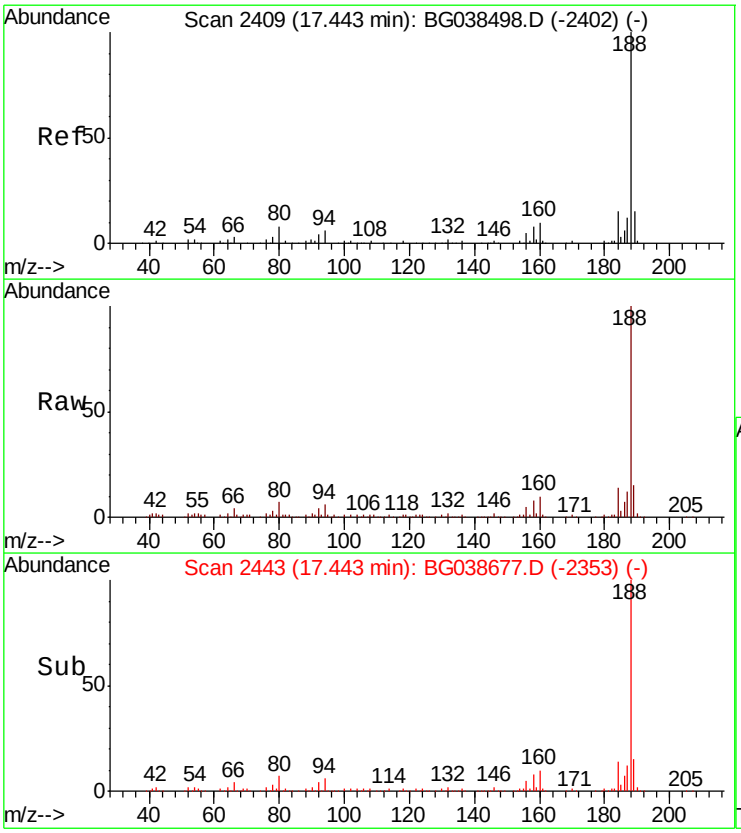
#57
2,4-Dinitrotoluene
Concen: 4.985 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:165 Resp: 7664

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	5.0	58.0	87.0#
182	0.0	2.3	3.5#

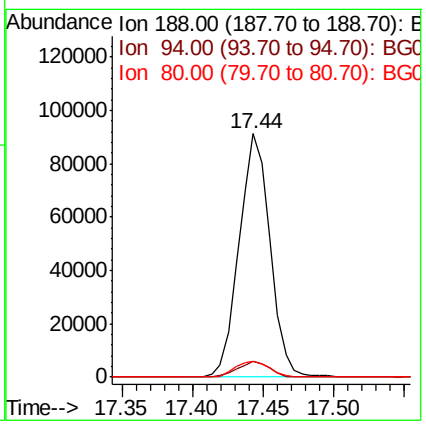


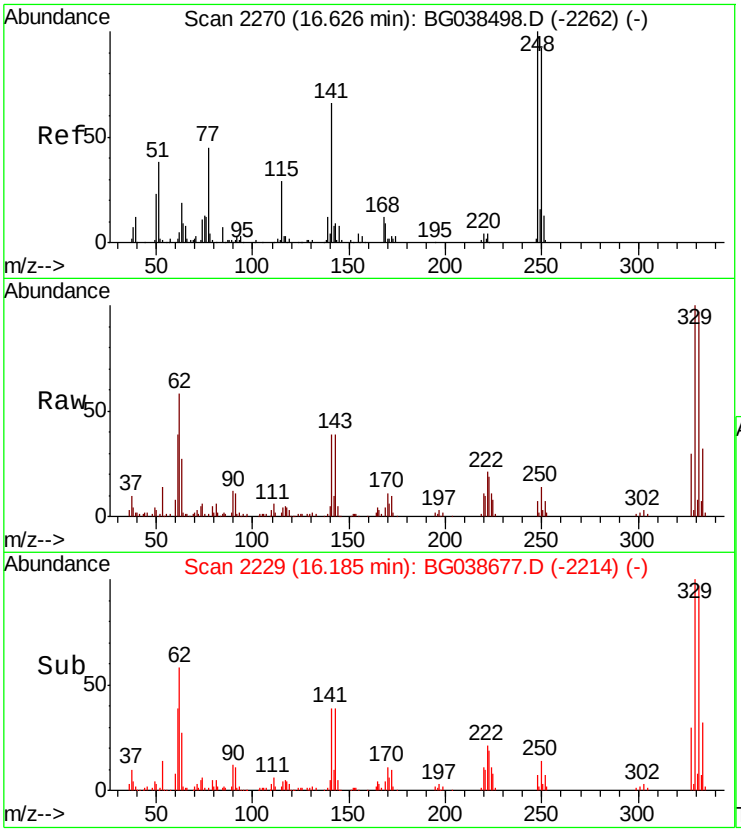


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:188 Resp: 139629

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.7	6.1	9.1



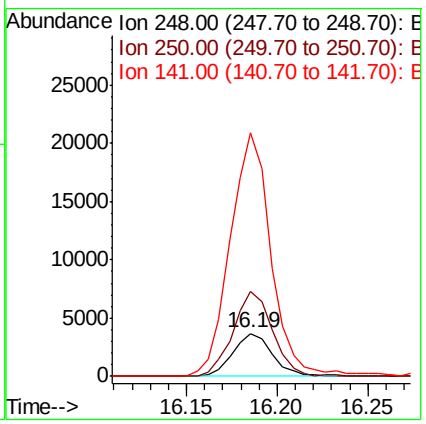


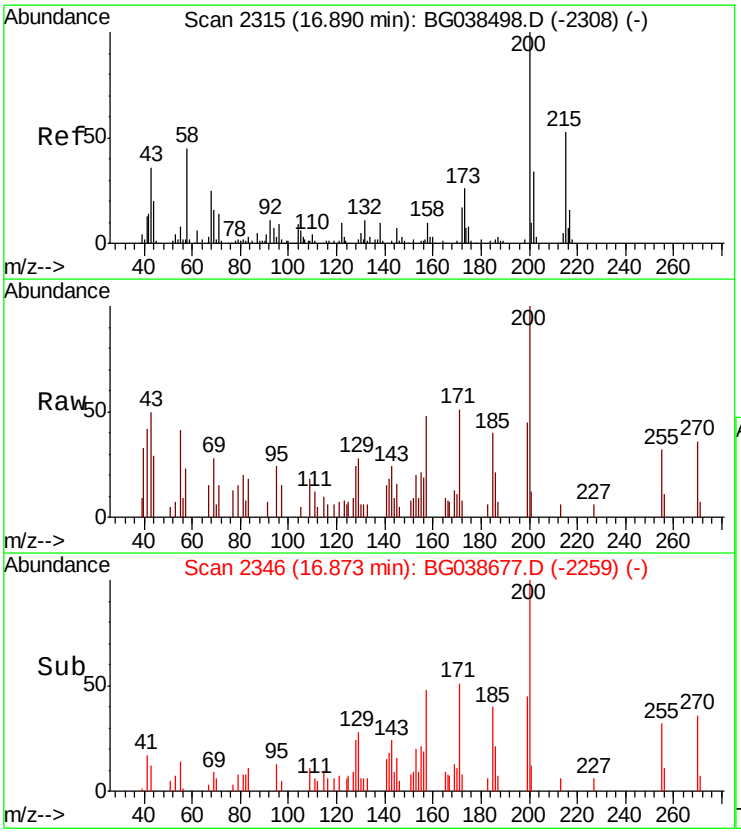
#67
4-Bromophenyl-phenylether
Concen: 3.266 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:248 Resp: 5569

Ion	Ratio	Lower	Upper
248	100		
250	189.8	73.4	110.2#
141	433.9	52.9	79.3#

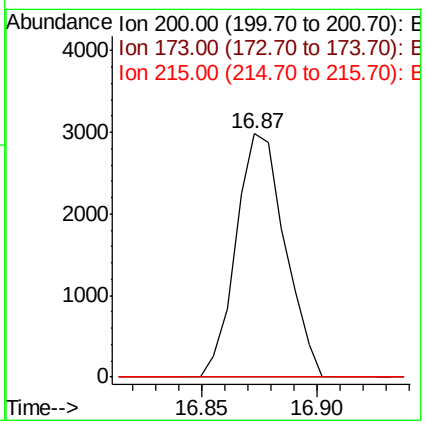


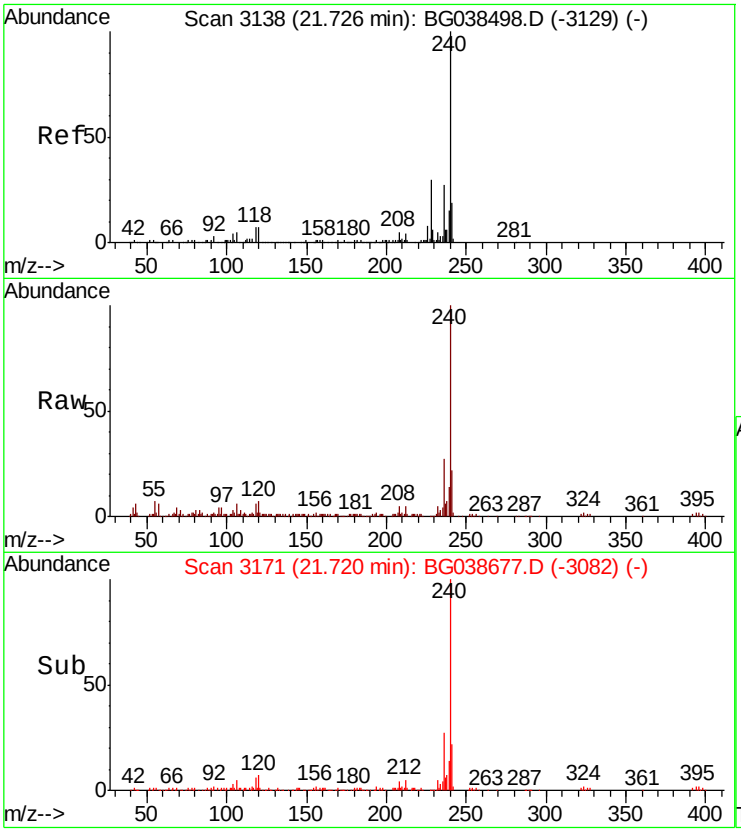


#69
Atrazine
Concen: 2.893 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:200 Resp: 4405

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.9	45.9#
215	0.0	33.1	73.1#



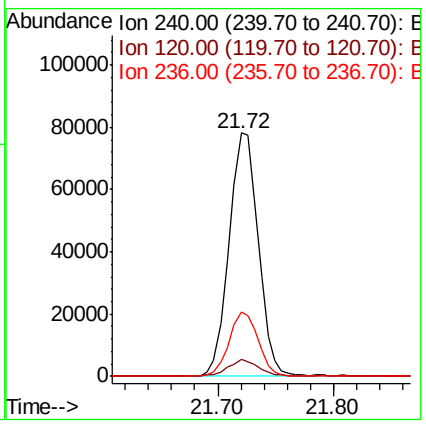


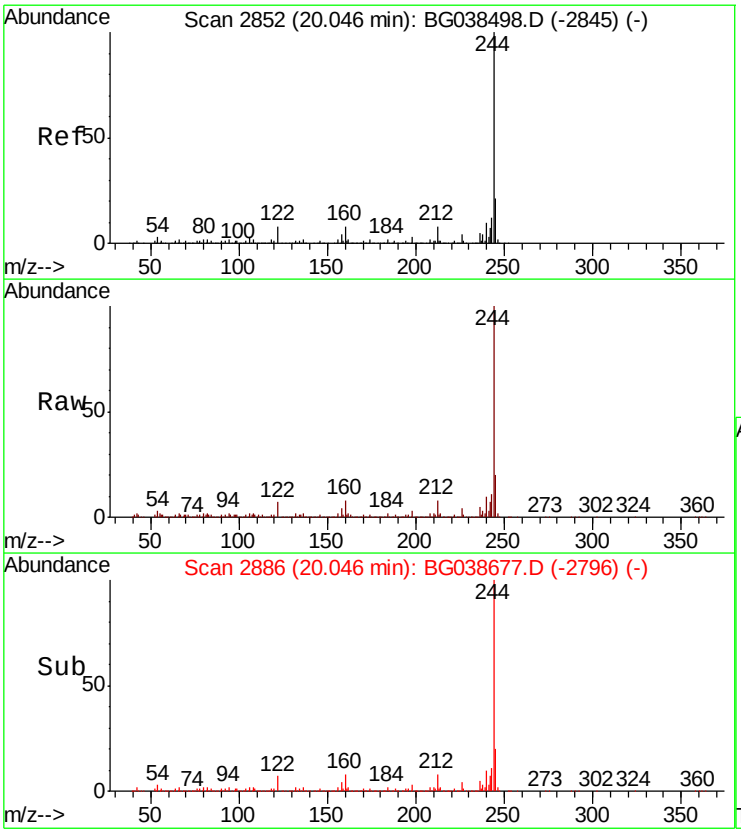
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:240 Resp: 137564

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	26.7	21.4	32.2

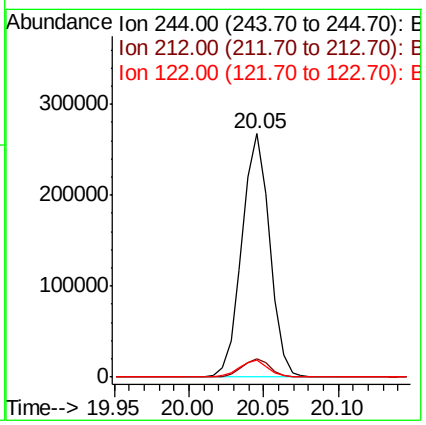


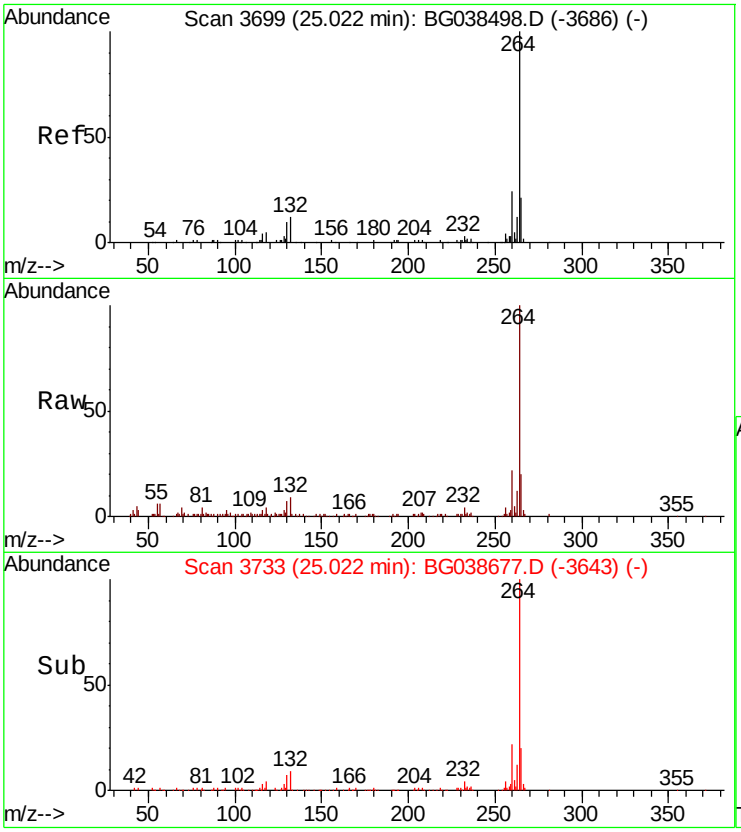


#79
Terphenyl-d14
Concen: 54.383 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:244 Resp: 343751

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.0	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: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:264 Resp: 149980

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.9	28.3
265	20.1	17.0	25.4