Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037377.D
Acq On : 17 Oct 2018 5:40
Operator : JU/SJ
Sample : J5198-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 07:13:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	71041	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	302120	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	203435	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	496668	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	469113	20.00	ng	-0.02
87) Perylene-d12	25.12	264	466053	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	430551	106.66	ng	0.00
7) Phenol-d6	7.25	99	544248	88.83	ng	0.00
23) Nitrobenzene-d5	9.29	82	395743	86.12	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	213864	107.19	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	957583	70.69	ng	-0.01
79) Terphenyl-d14	20.09	244	1477821	66.15	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	48635	10.485	ng	# 71
48) 2-Nitroaniline	13.36	65	1612	6.169	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	26575	12.511	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	26575	11.343	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	526	6.242	ng	82
67) 4-Bromophenyl-phenylether	16.23	248	15646	2.919	ng	# 1

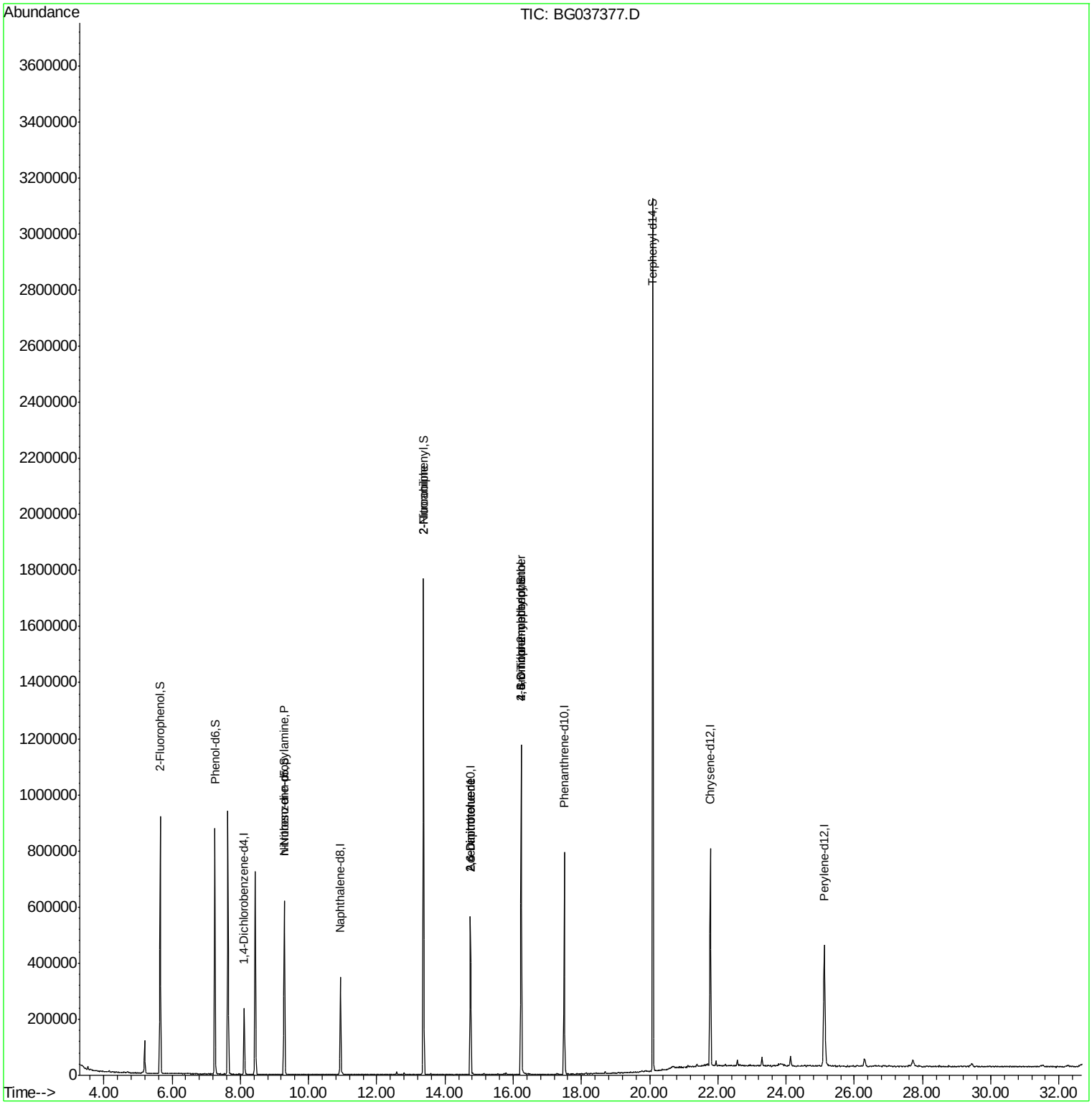
(#) = qualifier out of range (m) = manual integration (+) = signals summed

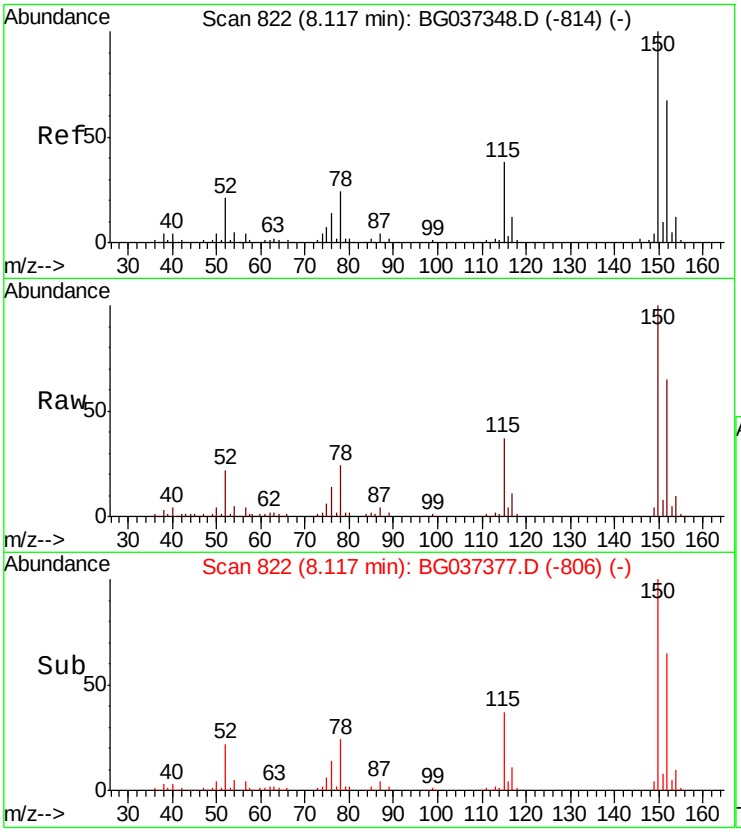
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037377.D
Acq On : 17 Oct 2018 5:40
Operator : JU/SJ
Sample : J5198-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 17 07:13:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

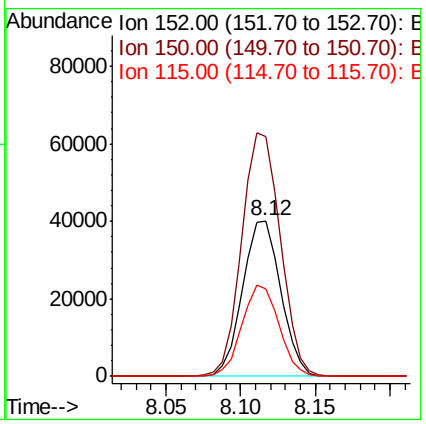




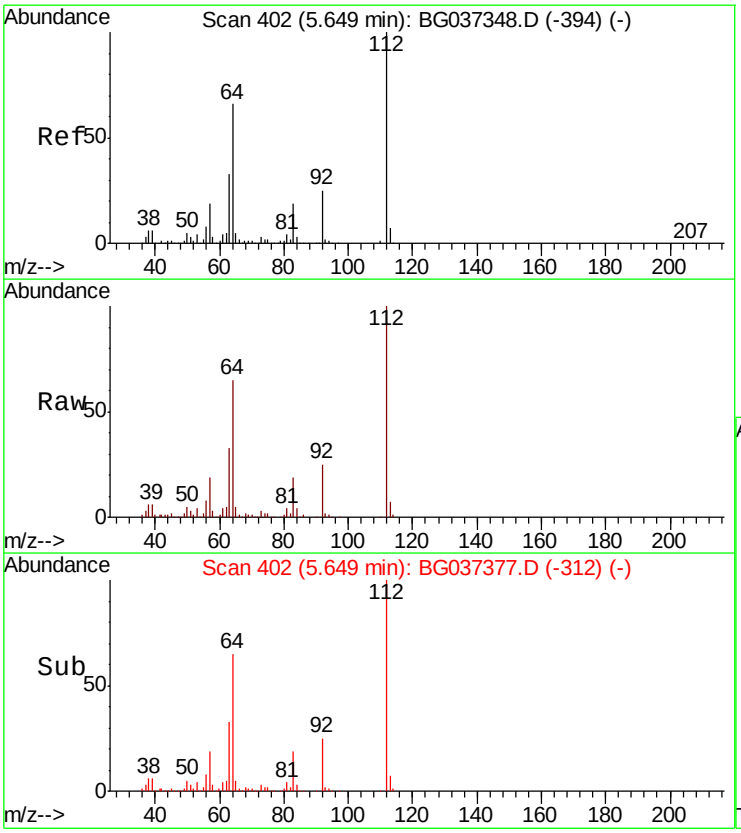
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:152 Resp: 71041

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.0	189.0
115	56.4	45.5	68.3



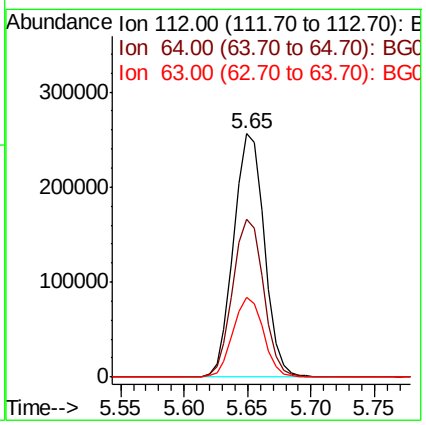
Instrument :
BNA_G
ClientSampleId :

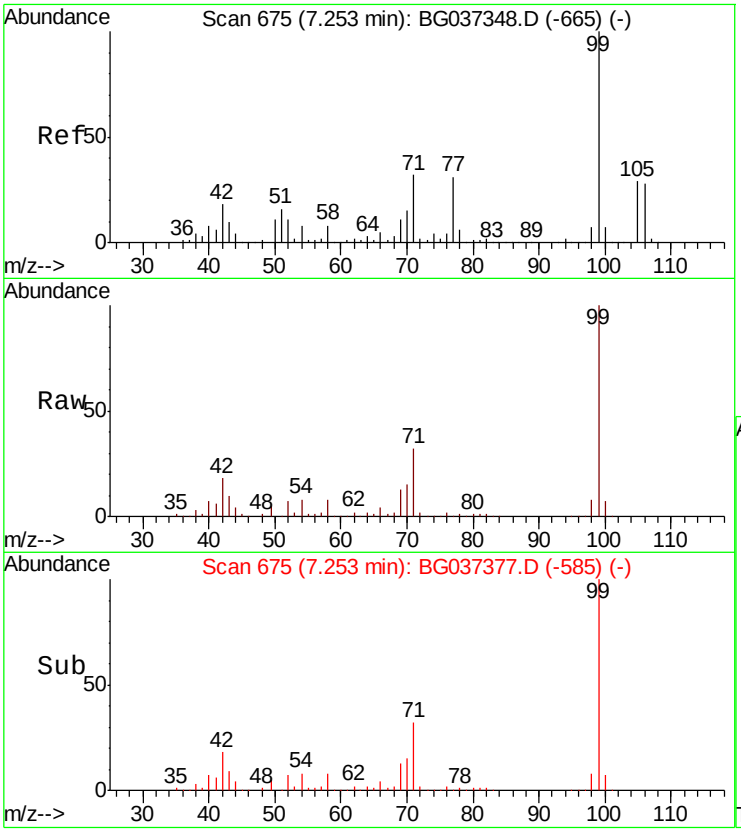


#5
2-Fluorophenol
Concen: 106.661 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:112 Resp: 430551

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	32.8	27.3	40.9



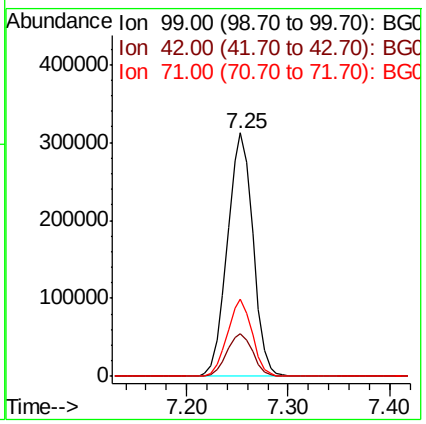


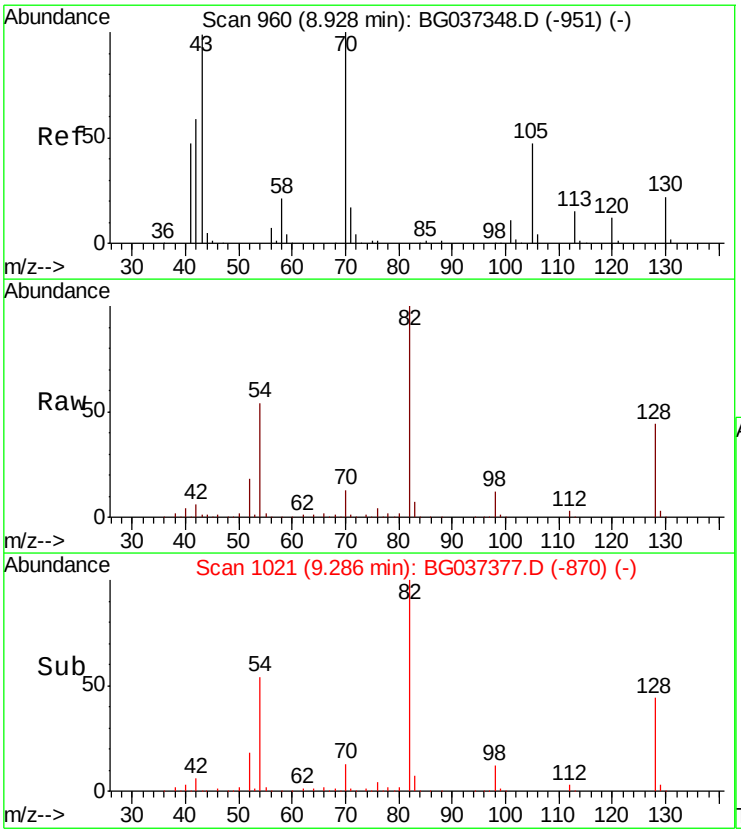
#7
Phenol-d6
Concen: 88.828 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 544248

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	31.7	25.5	38.3

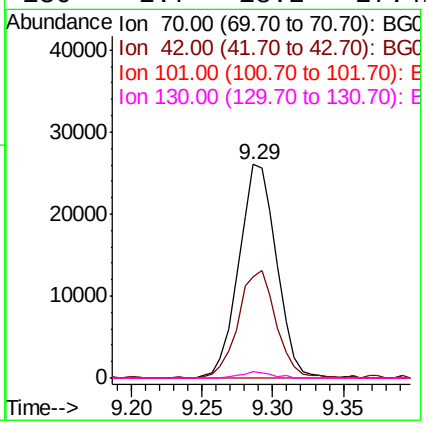


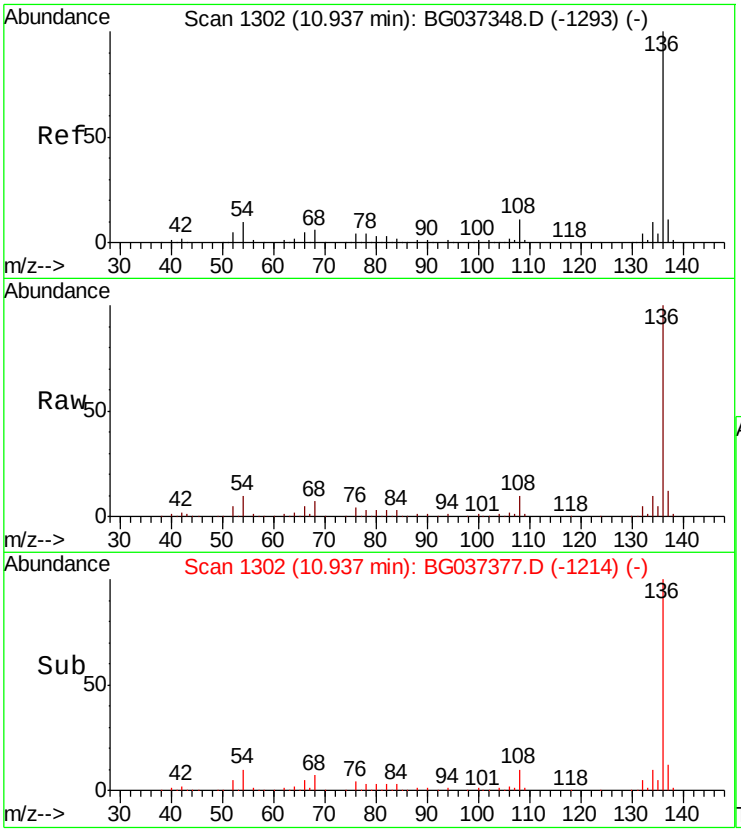


#19
n-Nitroso-di-n-propylamine
Concen: 10.485 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion: 70 Resp: 48635

Ion	Ratio	Lower	Upper
70	100		
42	47.1	53.9	80.9#
101	0.0	8.2	12.2#
130	2.7	18.2	27.4#



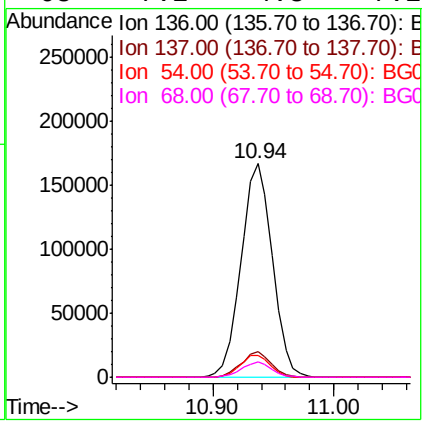


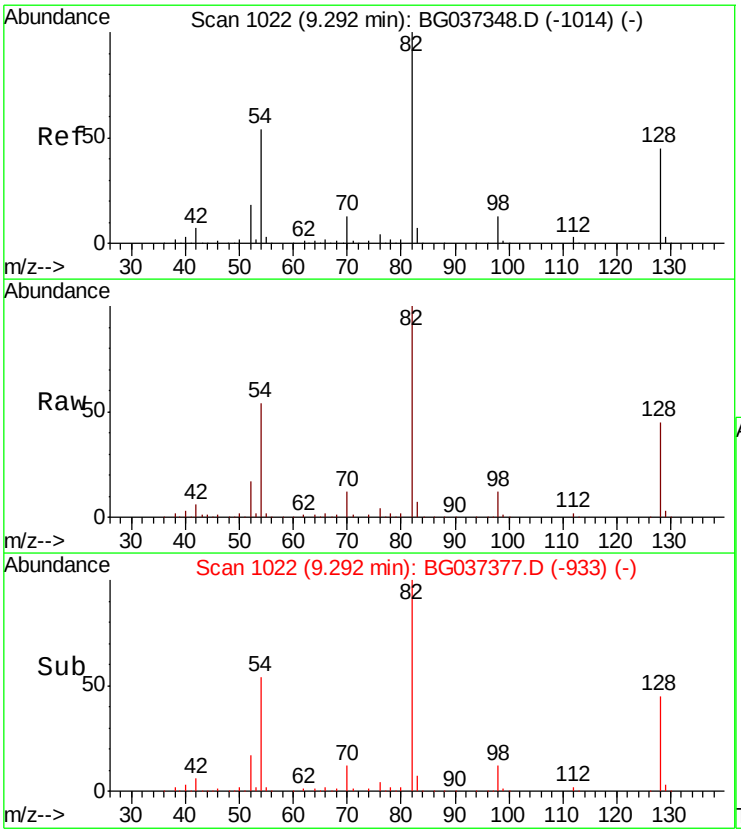
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 302120

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

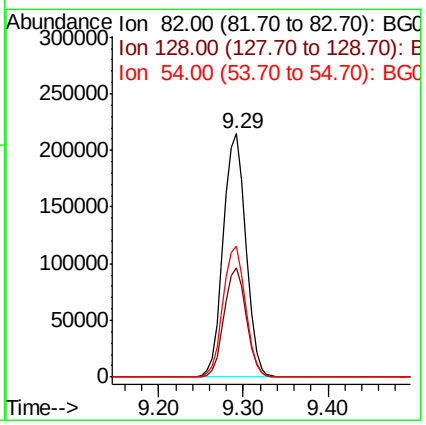


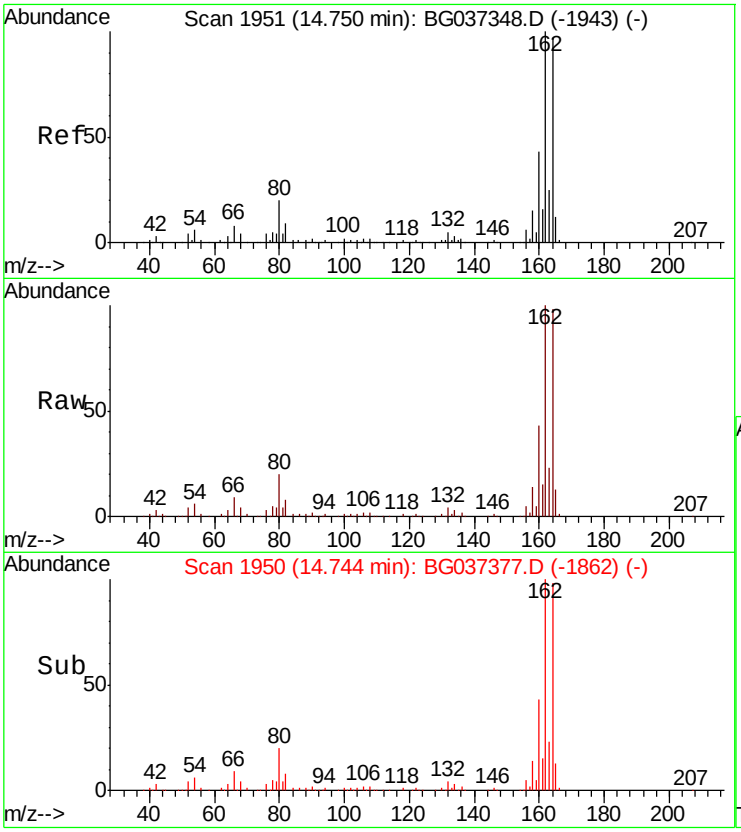


#23
Nitrobenzene-d5
Concen: 86.118 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion: 82 Resp: 395743

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	53.6	45.3	67.9



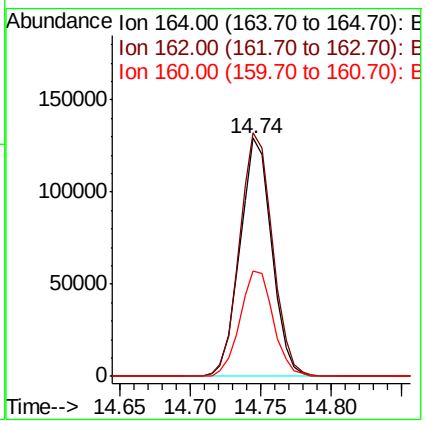


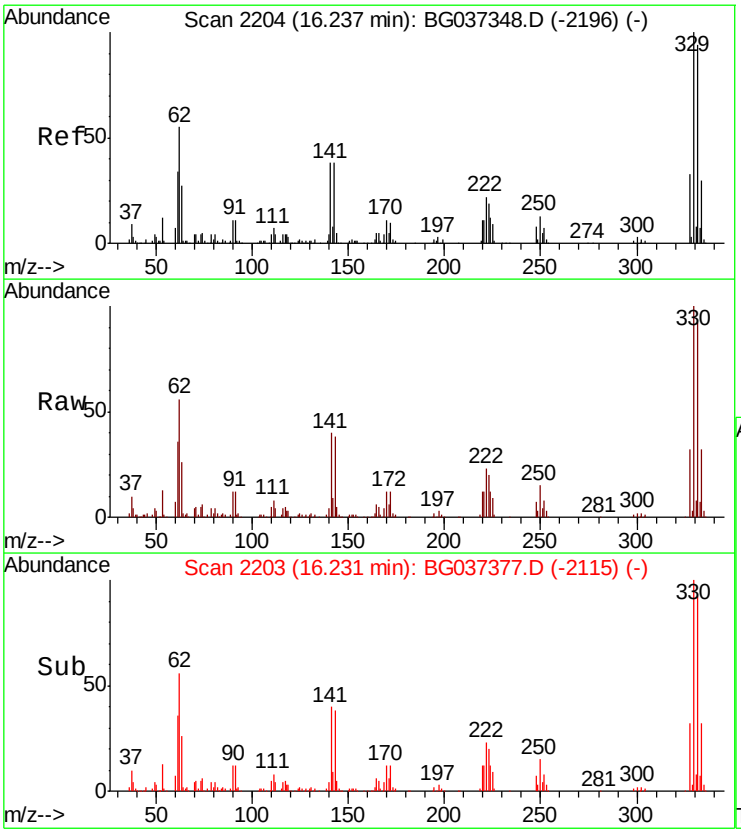
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 203435

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	44.0	36.3	54.5

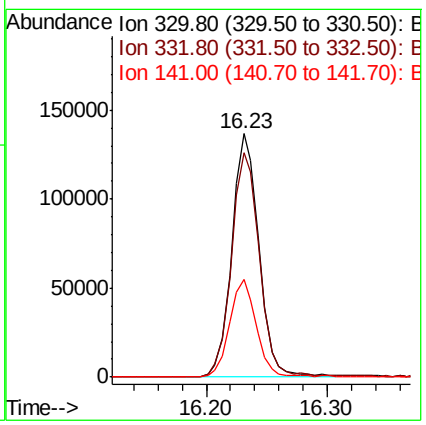


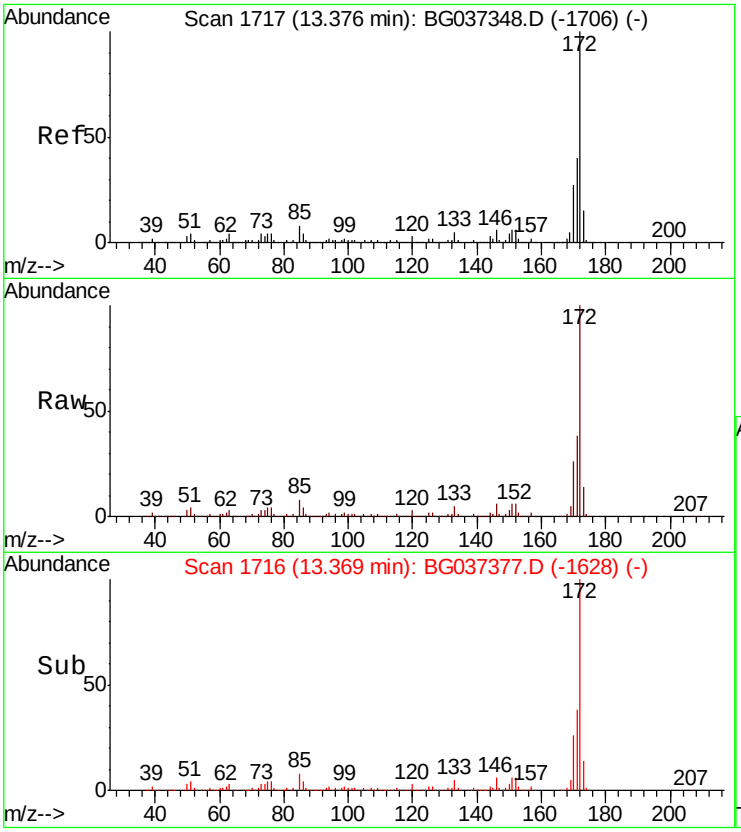


#42
2,4,6-Tribromophenol
Concen: 107.193 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:330 Resp: 213864

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	39.5	32.2	48.2



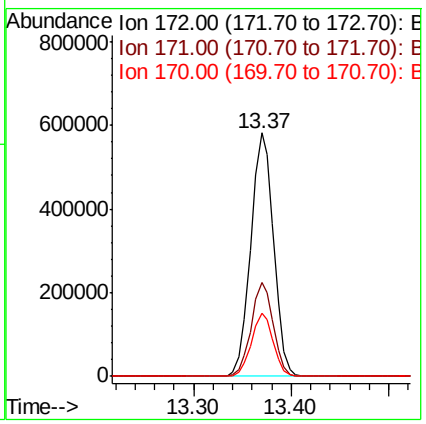


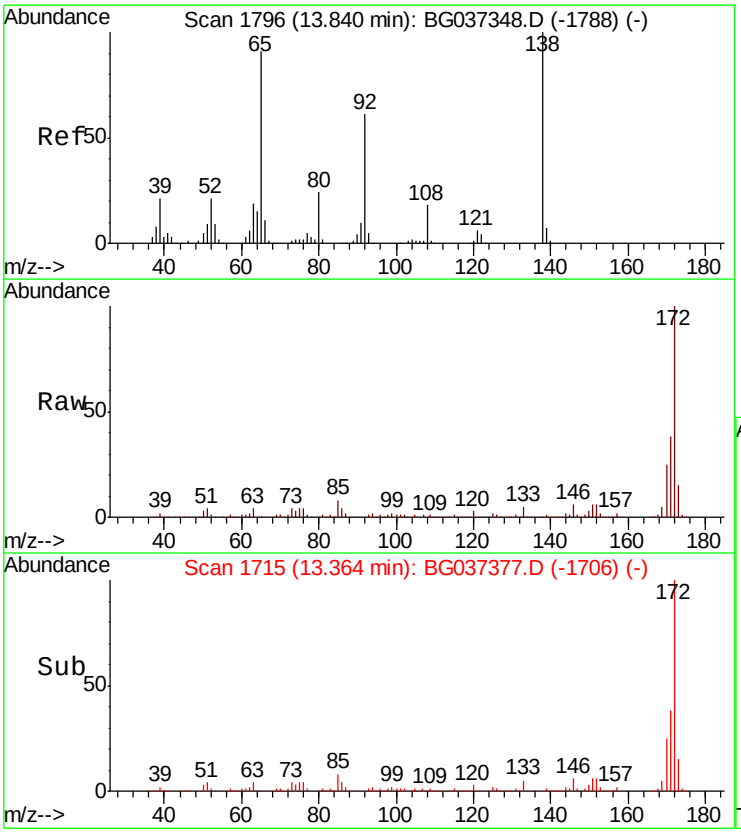
#45
2-Fluorobiphenyl
Concen: 70.689 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 957583

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	26.2	20.2	30.2

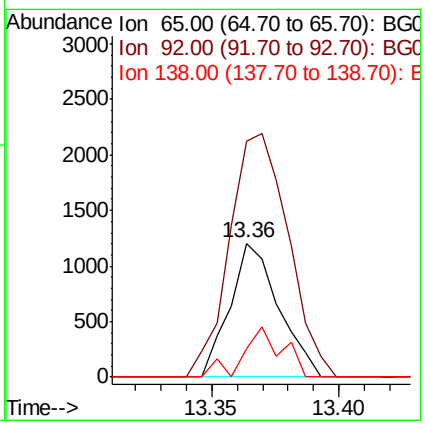


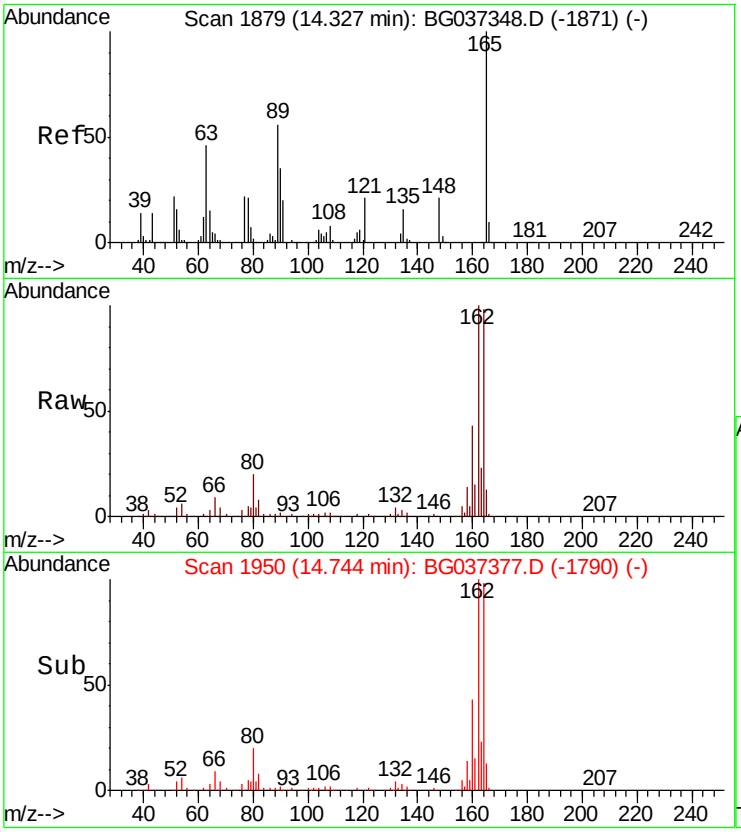


#48
2-Nitroaniline
Concen: 6.169 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.48 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion: 65 Resp: 1612

Ion	Ratio	Lower	Upper
65	100		
92	176.1	53.2	79.8#
138	21.4	79.3	118.9#



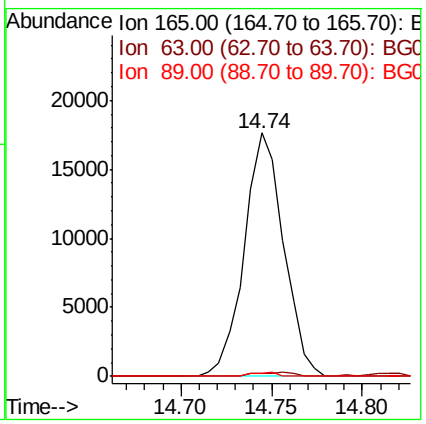


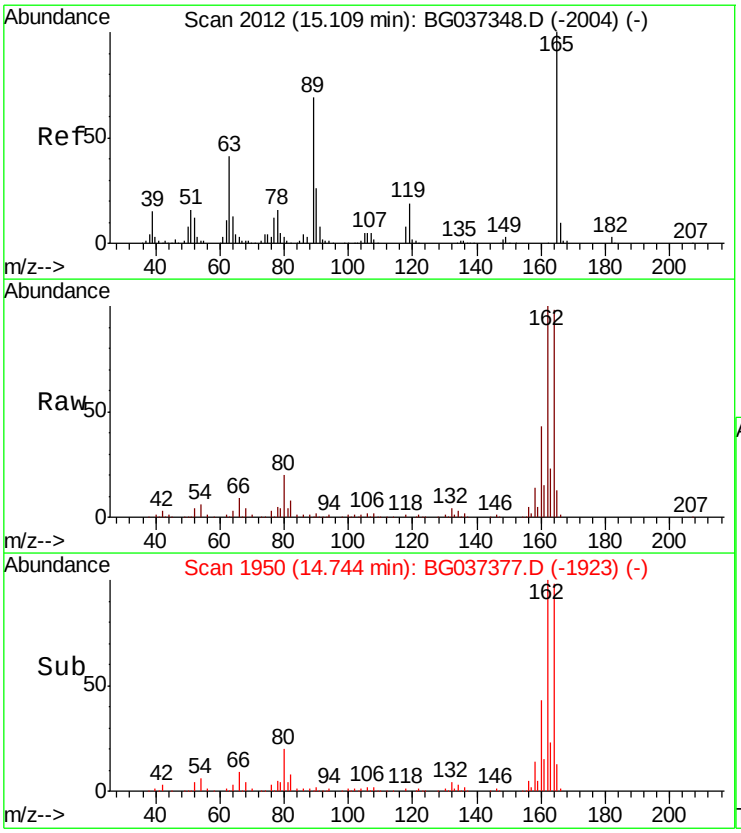
#51
2,6-Dinitrotoluene
Concen: 12.511 ng
RT: 14.74 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 26575

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	1.4	45.8	68.6#

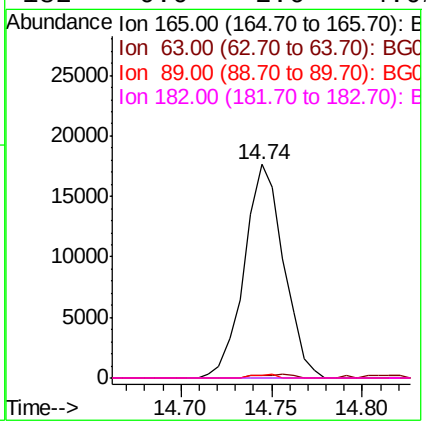


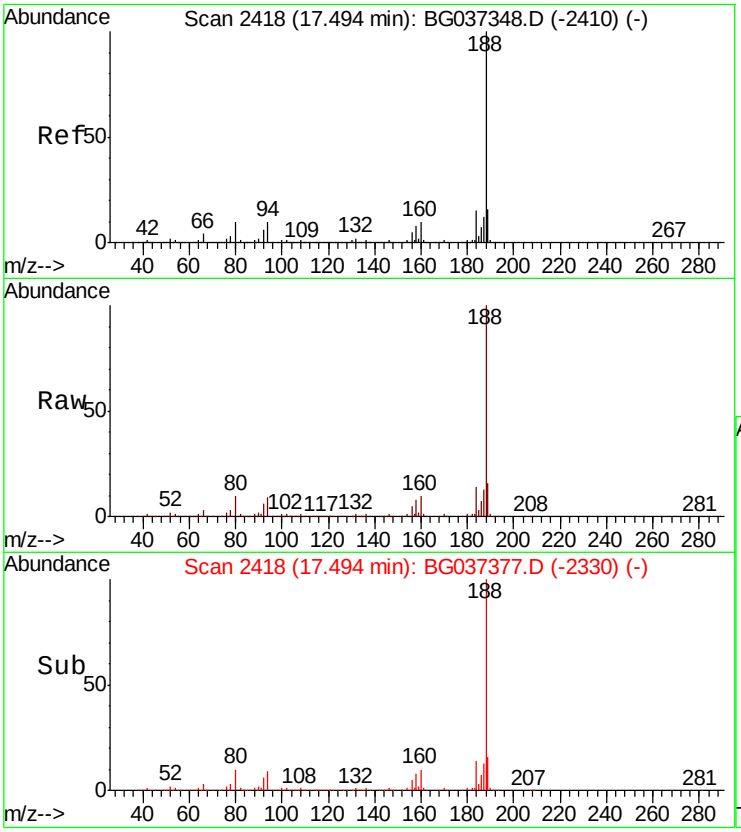


#57
2,4-Dinitrotoluene
Concen: 11.343 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:165 Resp: 26575

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



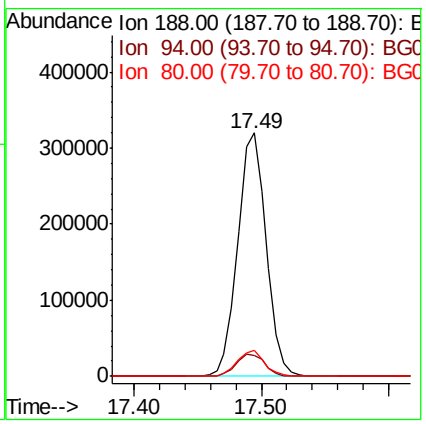


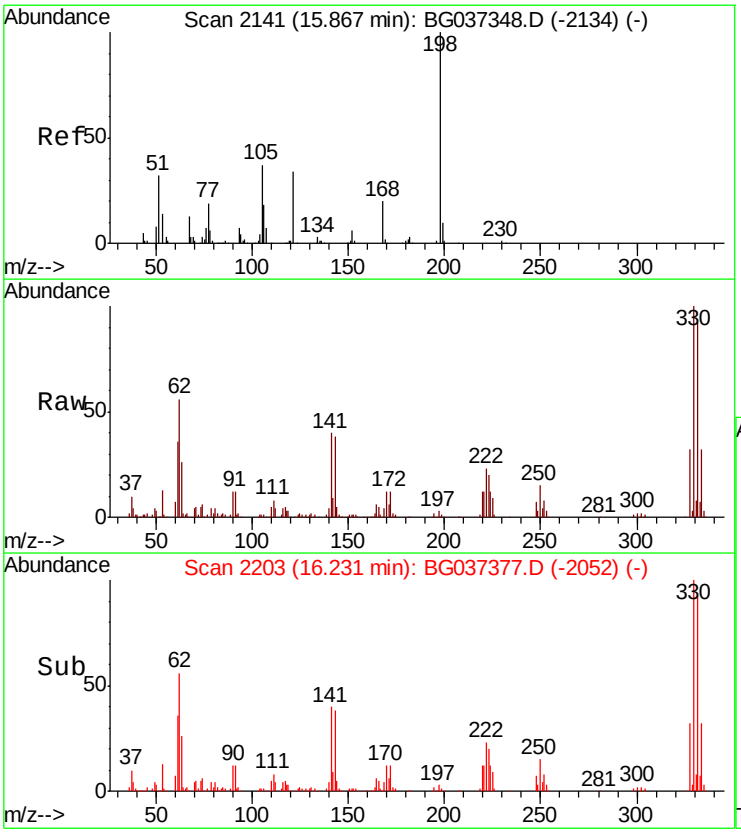
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 496668

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.5	7.7	11.5

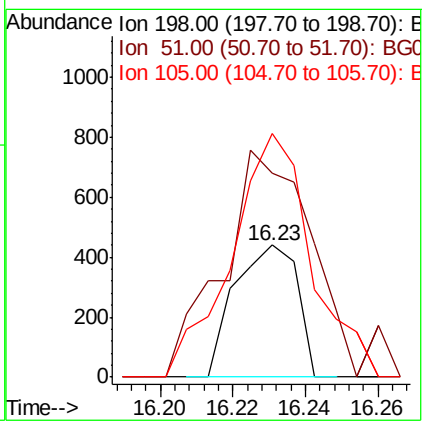


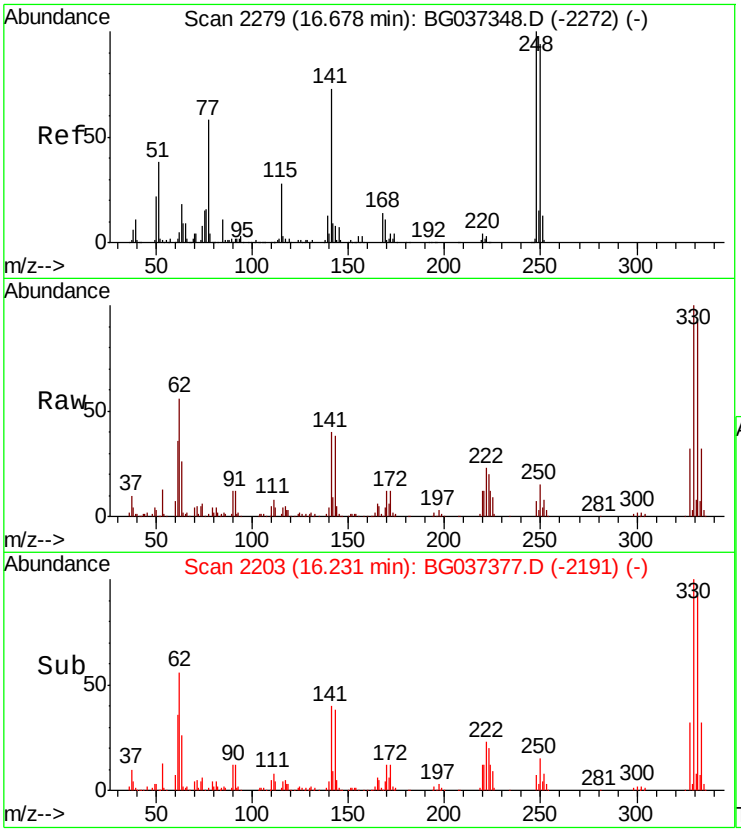


#65
4,6-Dinitro-2-methylphenol
Concen: 6.242 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:198 Resp: 526

Ion	Ratio	Lower	Upper
198	100		
51	27.5	22.7	62.7
105	32.9	19.7	59.7



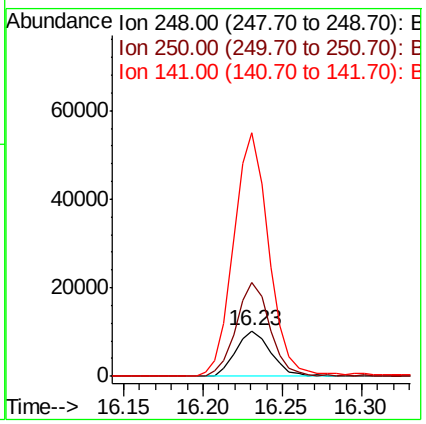


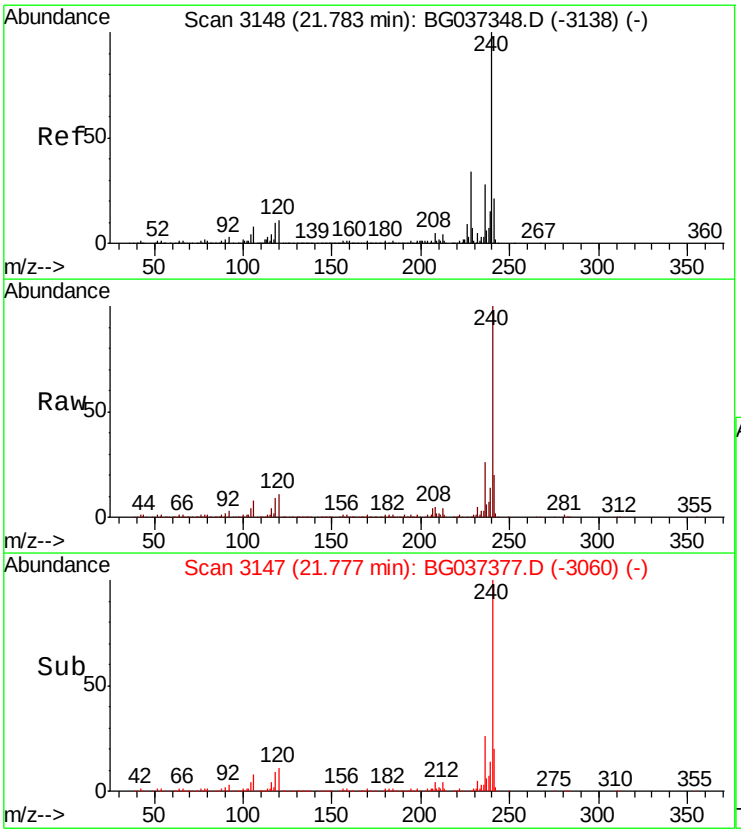
#67
4-Bromophenyl-phenylether
Concen: 2.919 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15646

Ion	Ratio	Lower	Upper
248	100		
250	195.1	77.0	115.6#
141	394.3	55.5	83.3#

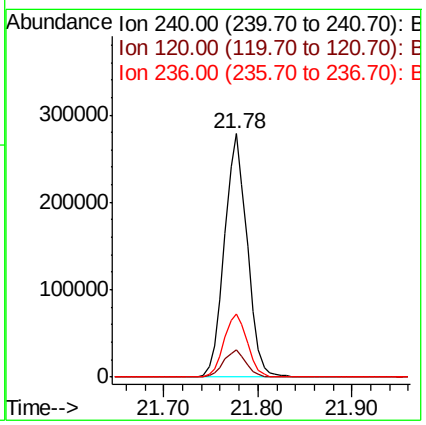


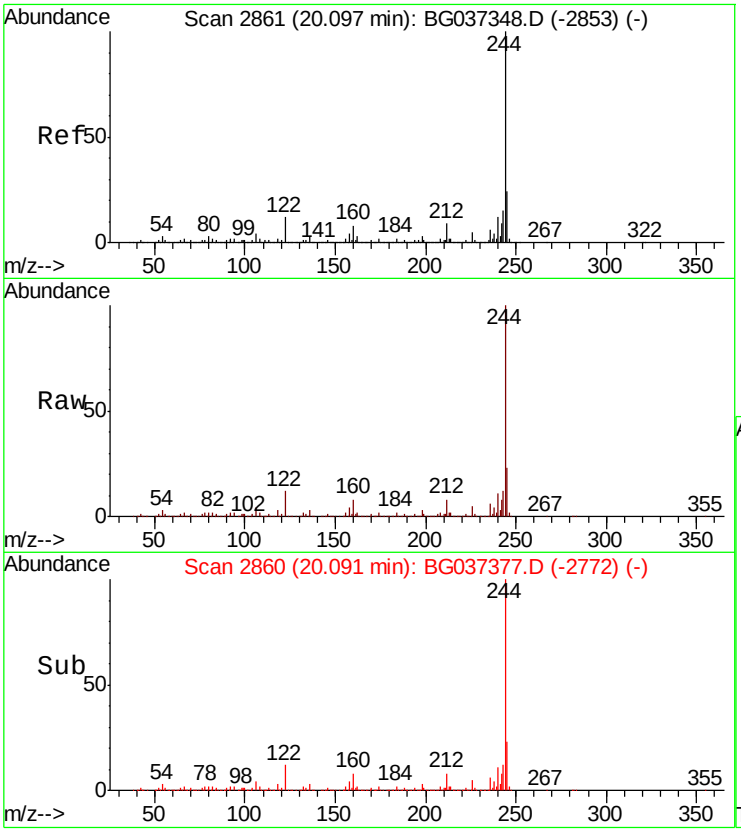


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:240 Resp: 469113

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	25.8	21.4	32.0



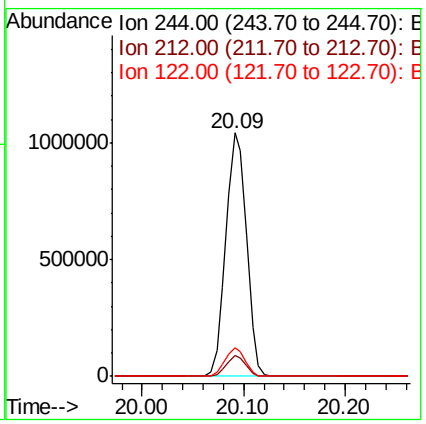


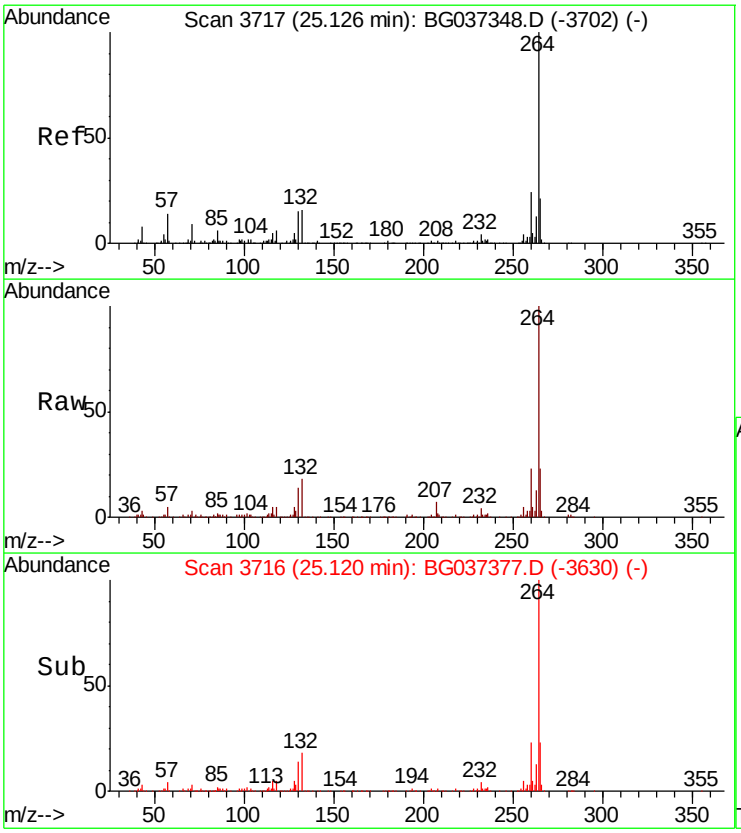
#79
Terphenyl-d14
Concen: 66.147 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1477821

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037377.D
Acq: 17 Oct 2018 5:40

Tgt Ion:264 Resp: 466053

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	23.2	17.9	26.9