Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037373.D
Acq On : 17 Oct 2018 00:00
Operator : JU/SJ
Sample : PB113872TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 01:41:32 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	8.11	152	66478	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	279738	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	193141	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	491470	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	458524	20.00	ng		-0.02
87) Perylene-d12	25.12	264	460049	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	515530	136.48	ng		0.00
7) Phenol-d6	7.25	99	736324	128.43	ng		0.00
23) Nitrobenzene-d5	9.29	82	407672	95.81	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	258770	136.61	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	1023668	79.60	ng		-0.01
79) Terphenyl-d14	20.09	244	1649834	75.55	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	52186	12.022	ng	#	70
48) 2-Nitroaniline	13.37	65	1800	6.242	ng	#	1
51) 2,6-Dinitrotoluene	14.75	165	24106	12.167	ng	#	25
57) 2,4-Dinitrotoluene	14.75	165	24106	11.075	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.23	198	822	6.414	ng		81
67) 4-Bromophenyl-phenylether	16.23	248	19243	3.628	ng	#	1

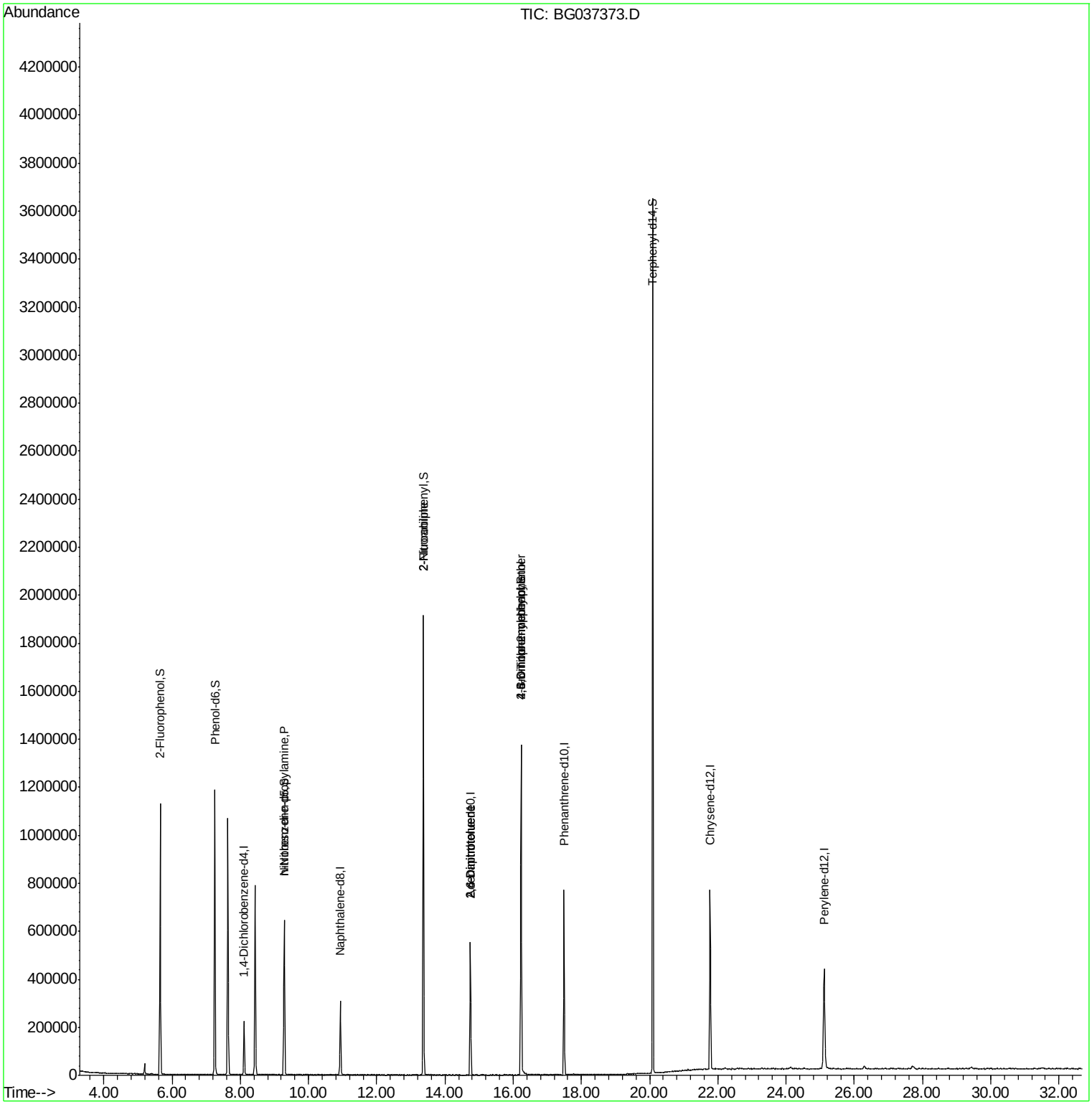
(#) = qualifier out of range (m) = manual integration (+) = signals summed

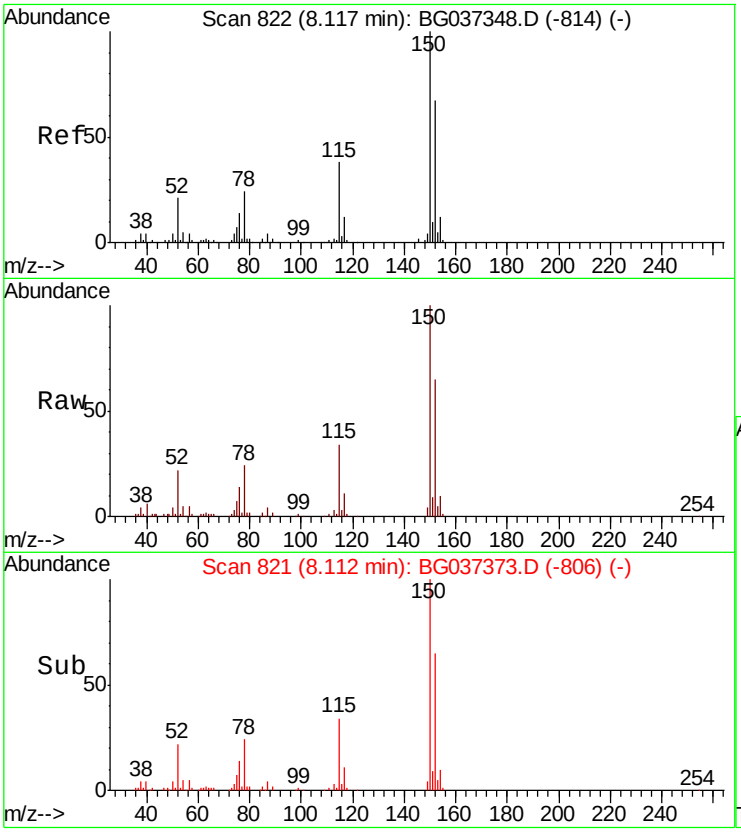
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037373.D
Acq On : 17 Oct 2018 00:00
Operator : JU/SJ
Sample : PB113872TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 17 01:41:32 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



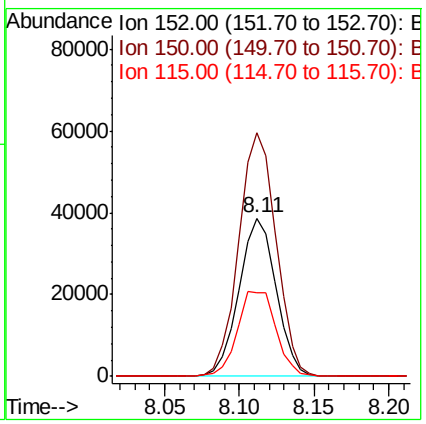


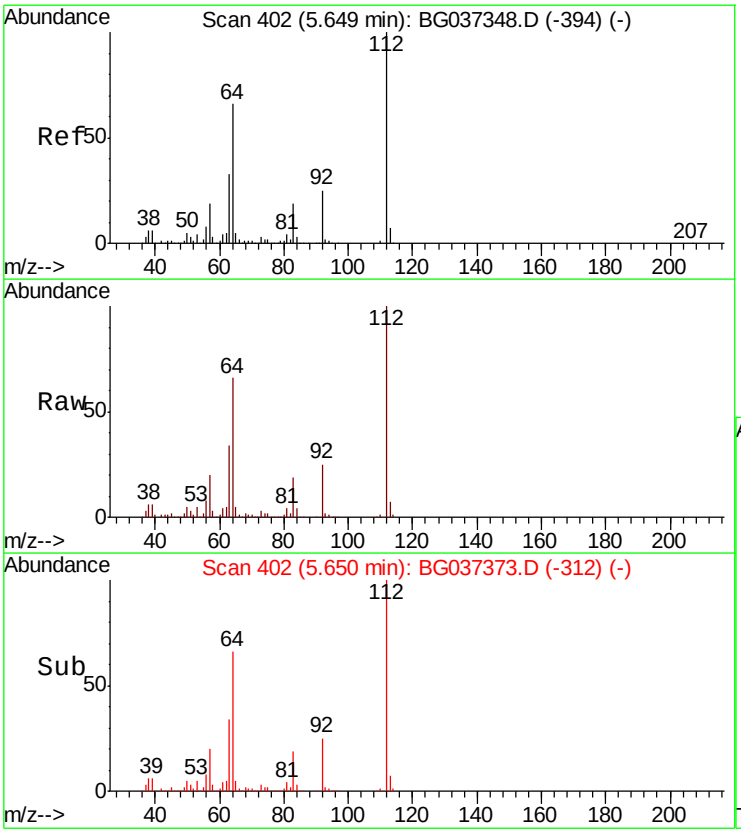
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 66478

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.0	189.0
115	52.8	45.5	68.3

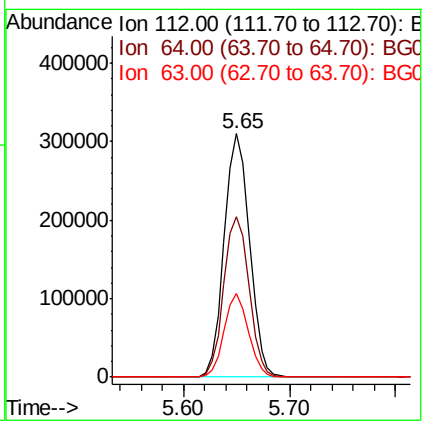


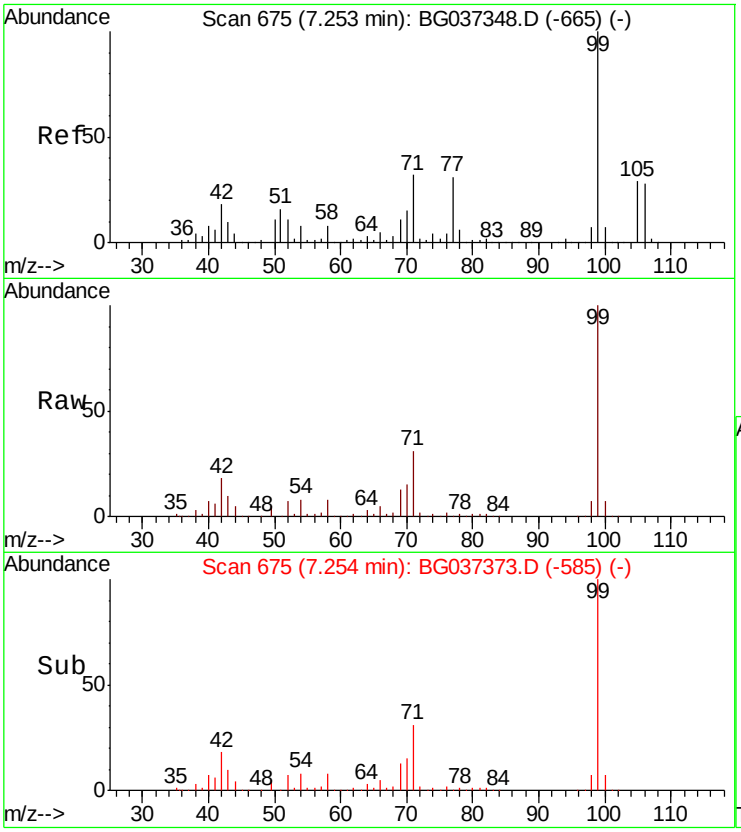


#5
2-Fluorophenol
Concen: 136.479 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion:112 Resp: 515530

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.1	79.7
63	34.1	27.3	40.9



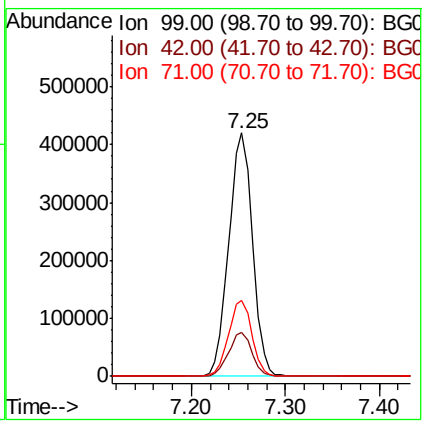


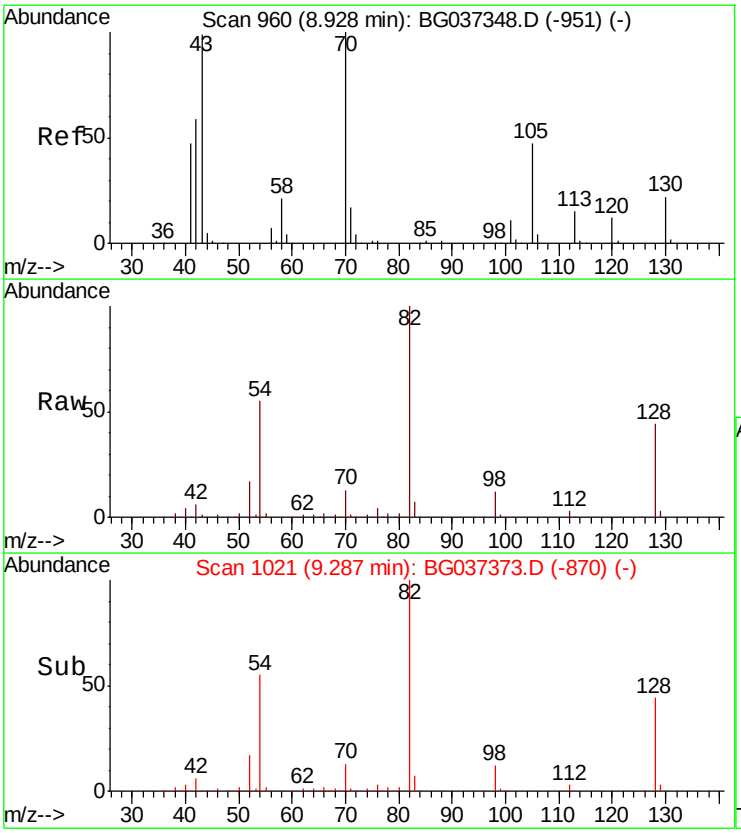
#7
Phenol-d6
Concen: 128.427 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 736324

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	31.1	25.5	38.3

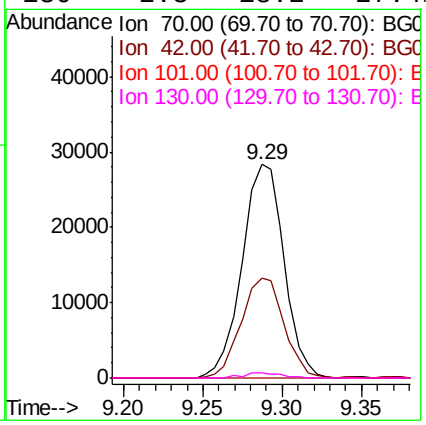


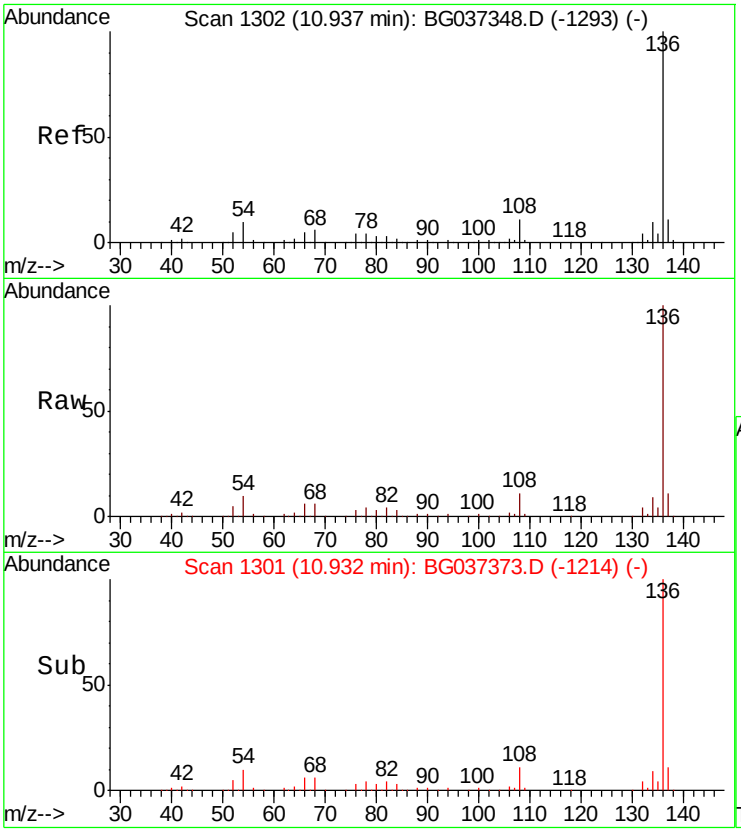


#19
n-Nitroso-di-n-propylamine
Concen: 12.022 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion: 70 Resp: 52186

Ion	Ratio	Lower	Upper
70	100		
42	46.5	53.9	80.9#
101	0.0	8.2	12.2#
130	2.3	18.2	27.4#



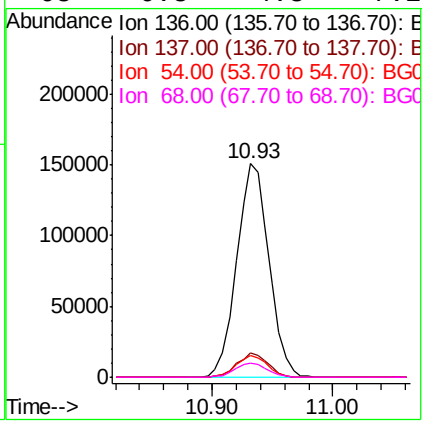


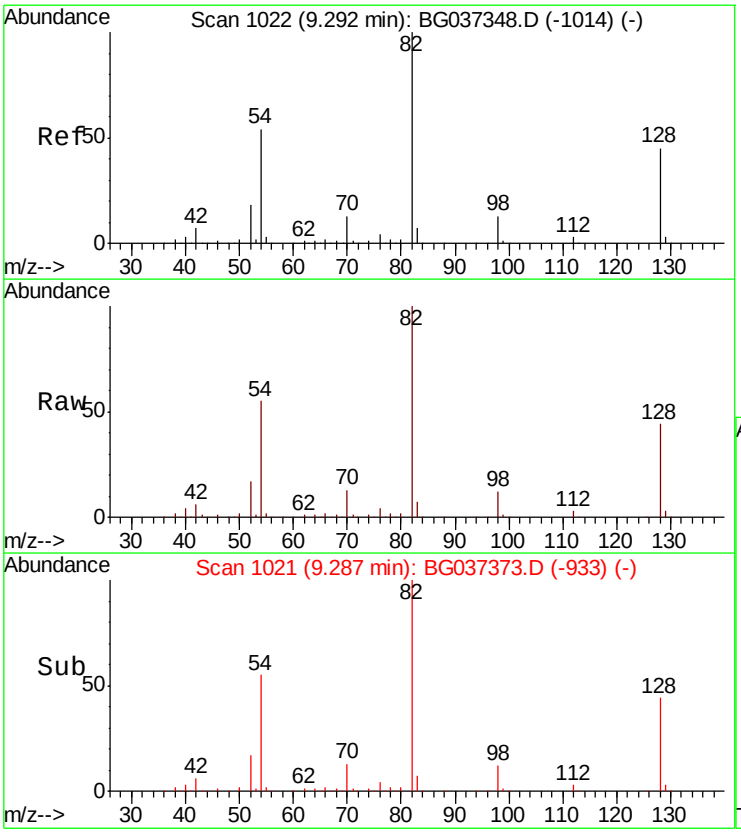
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 279738

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.5	7.9	11.9
68	6.3	4.8	7.2

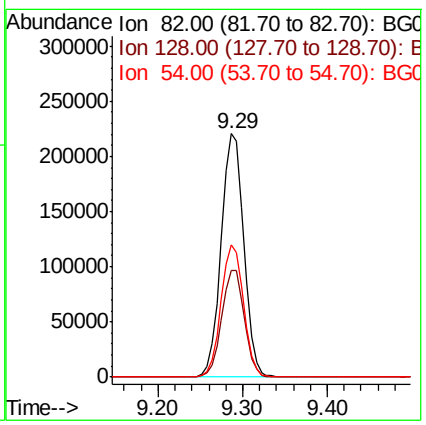


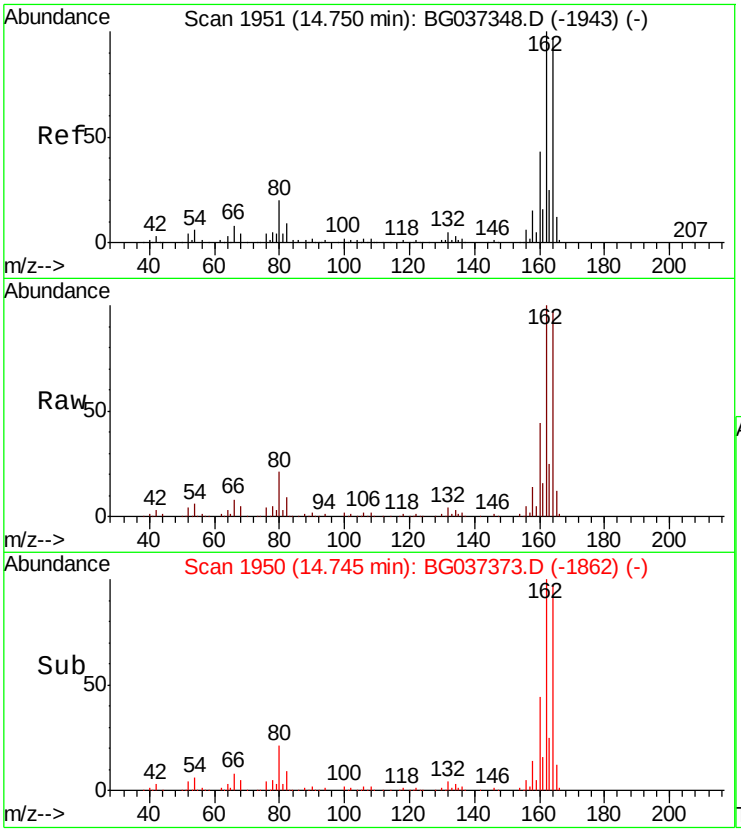


#23
Nitrobenzene-d5
Concen: 95.812 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion: 82 Resp: 407672

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	54.6	45.3	67.9



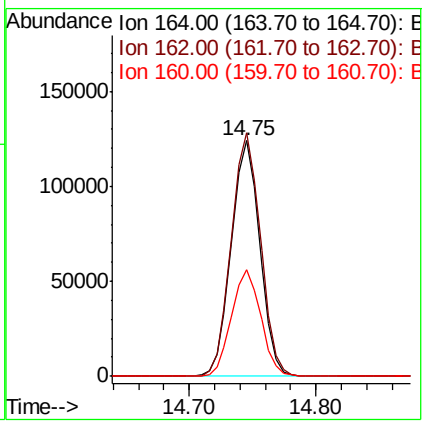


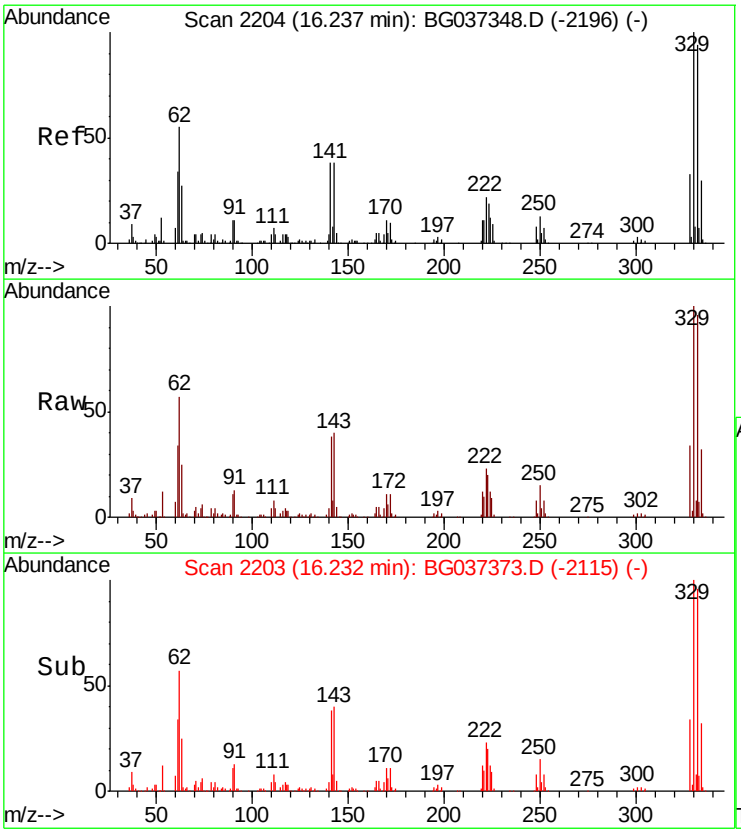
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 193141

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	45.1	36.3	54.5

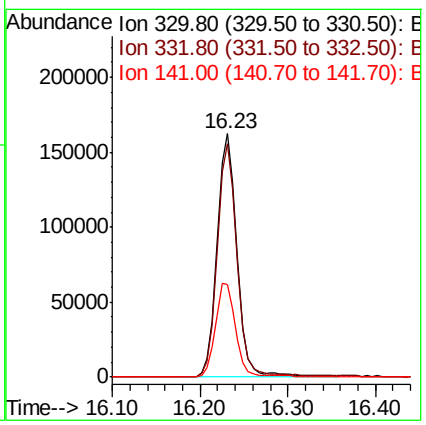


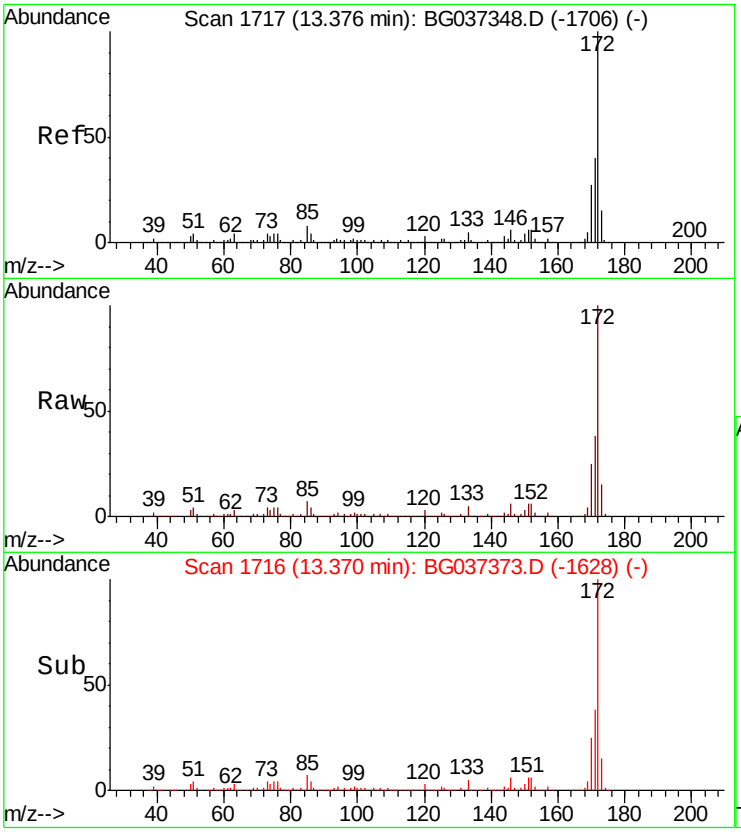


#42
2,4,6-Tribromophenol
Concen: 136.614 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion:330 Resp: 258770

Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	38.5	32.2	48.2



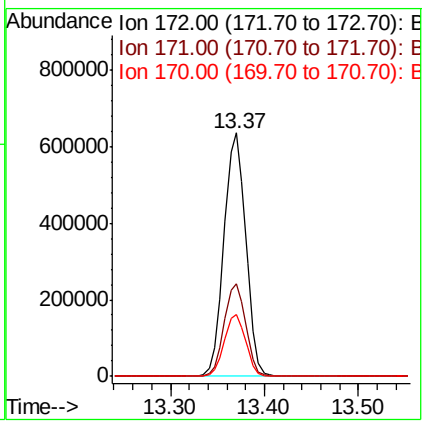


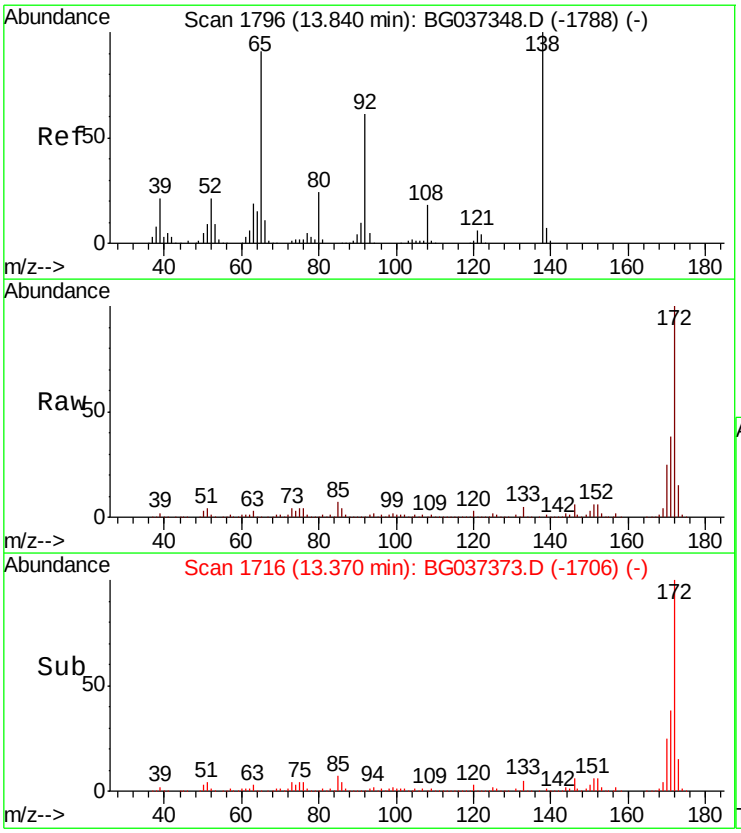
#45
2-Fluorobiphenyl
Concen: 79.595 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1023668

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.5	20.2	30.2

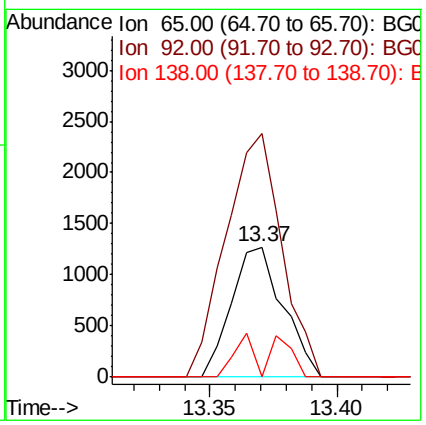


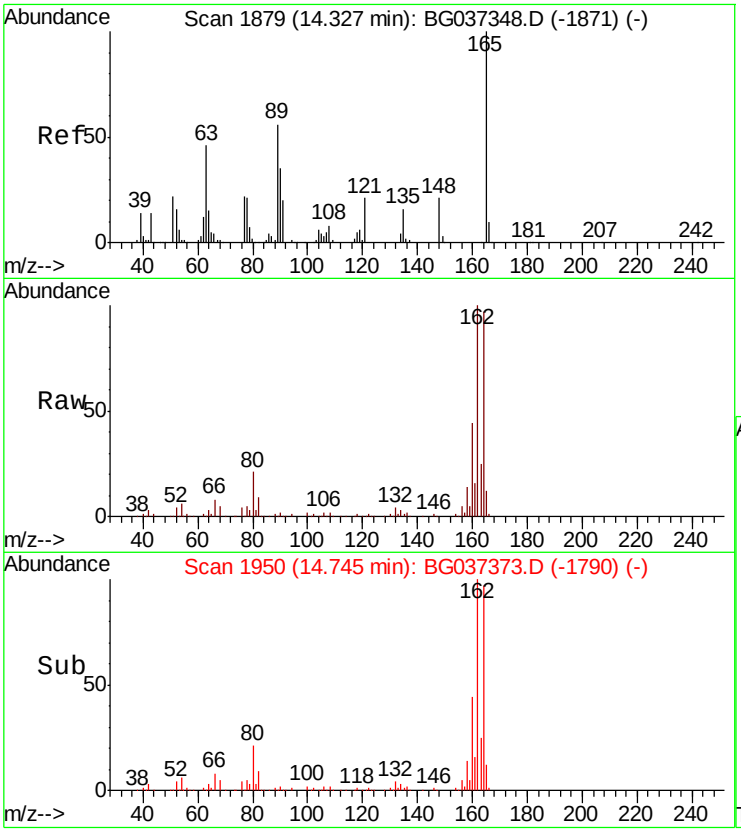


#48
2-Nitroaniline
Concen: 6.242 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.47 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion: 65 Resp: 1800

Ion	Ratio	Lower	Upper
65	100		
92	187.5	53.2	79.8#
138	0.0	79.3	118.9#



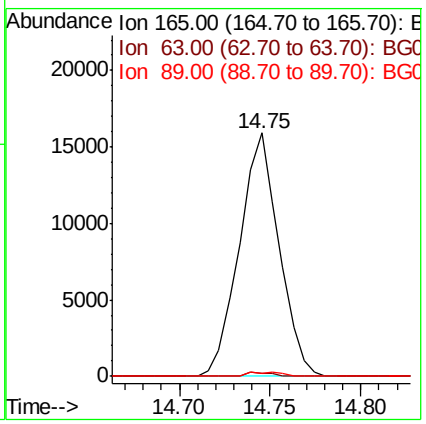


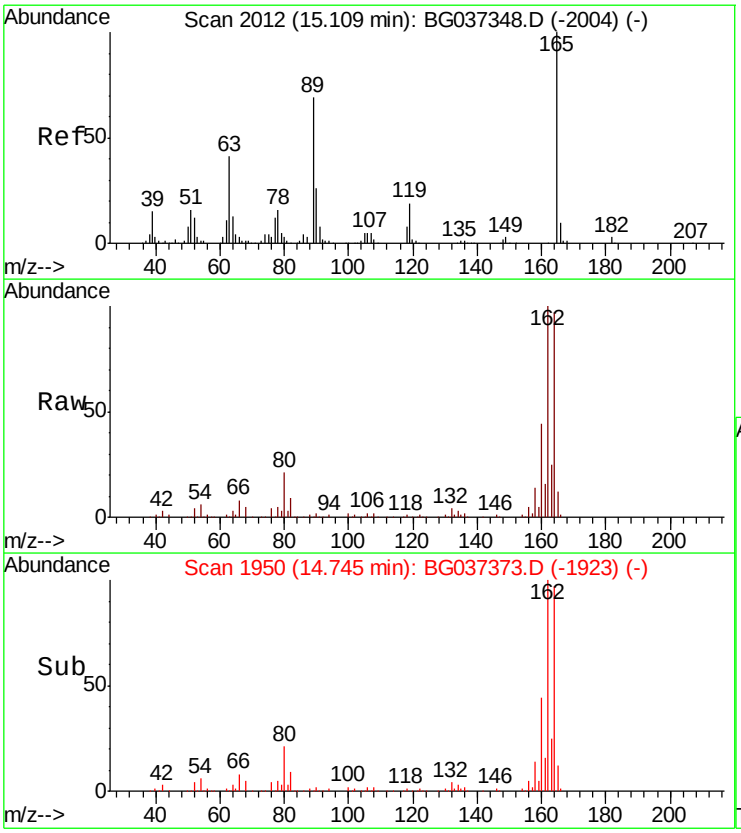
#51
2,6-Dinitrotoluene
Concen: 12.167 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24106

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.2#
89	1.0	45.8	68.6#

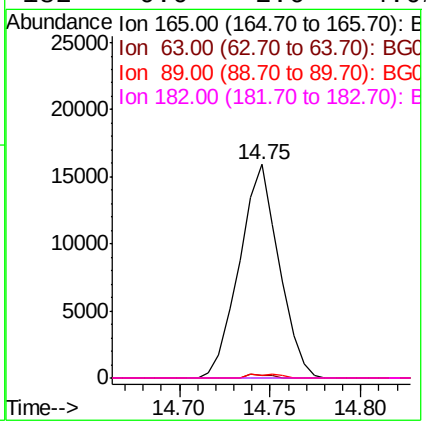


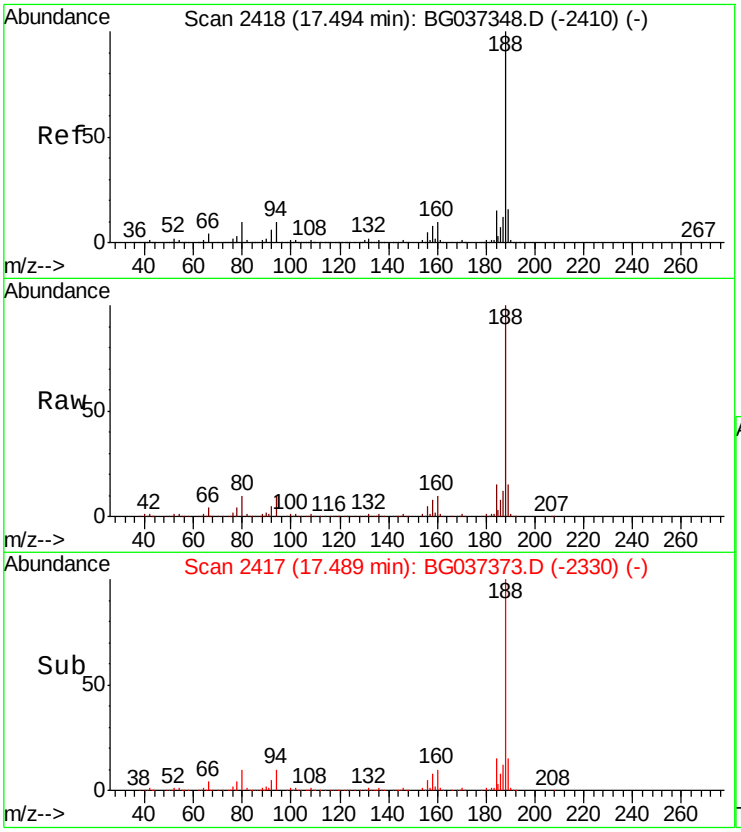


#57
2,4-Dinitrotoluene
Concen: 11.075 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion:165 Resp: 24106

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.0#
89	1.0	57.2	85.8#
182	0.0	2.6	4.0#



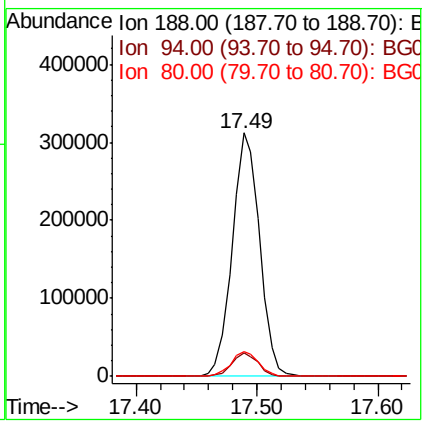


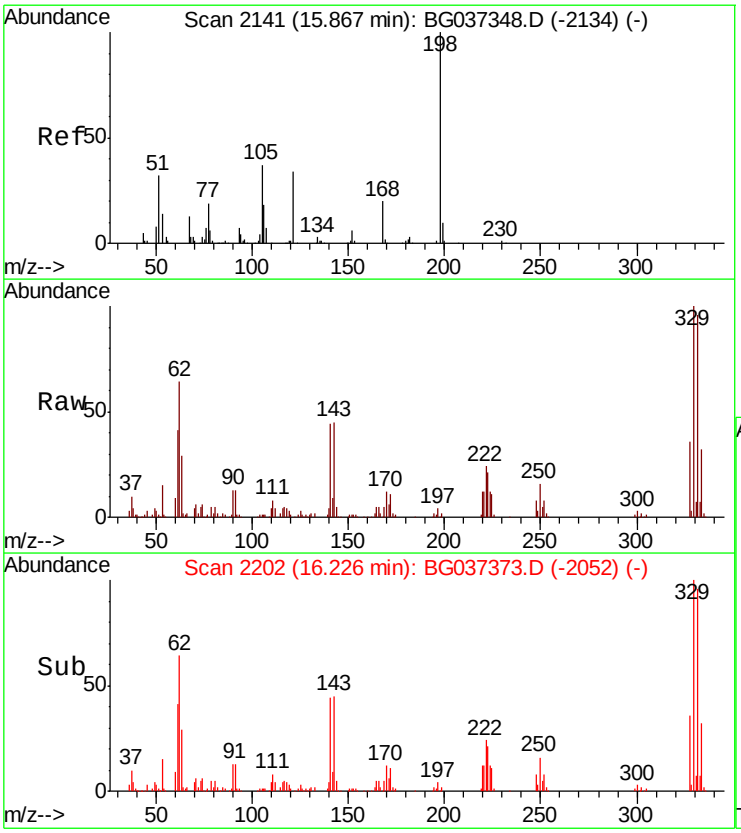
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 491470

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.4	7.7	11.5

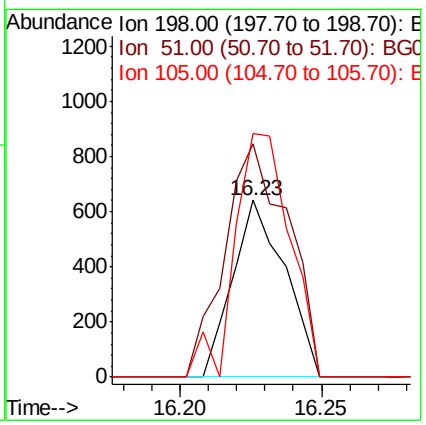


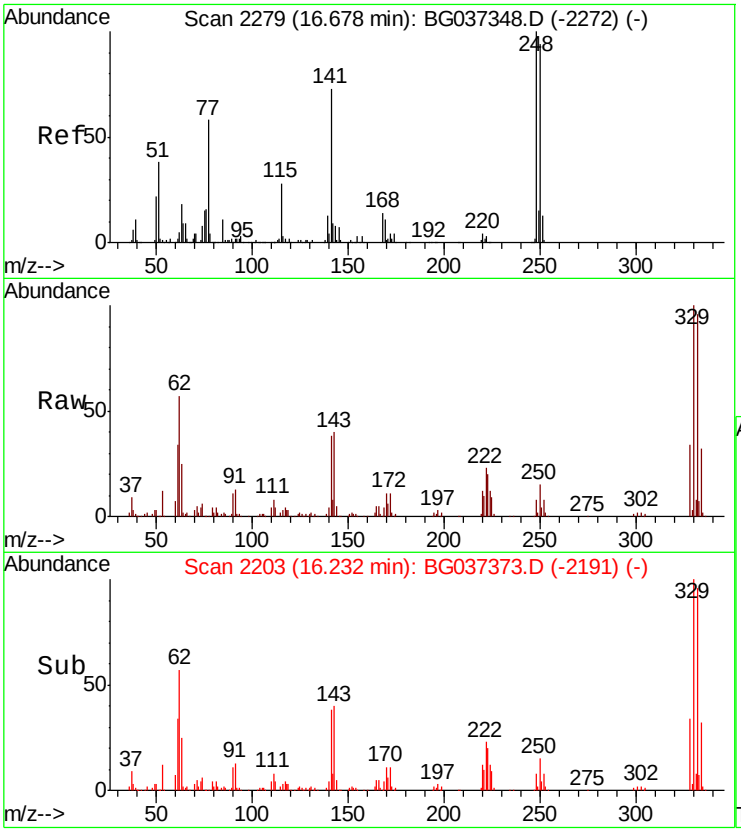


#65
4,6-Dinitro-2-methylphenol
Concen: 6.414 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion:198 Resp: 822

Ion	Ratio	Lower	Upper
198	100		
51	28.9	22.7	62.7
105	30.1	19.7	59.7



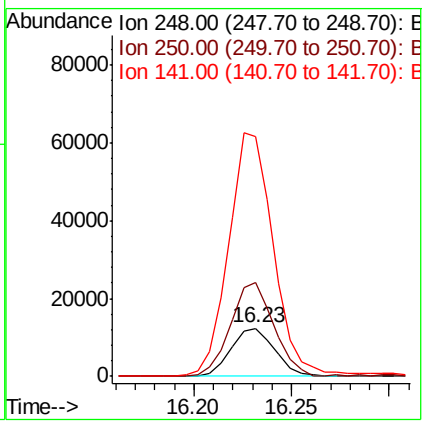


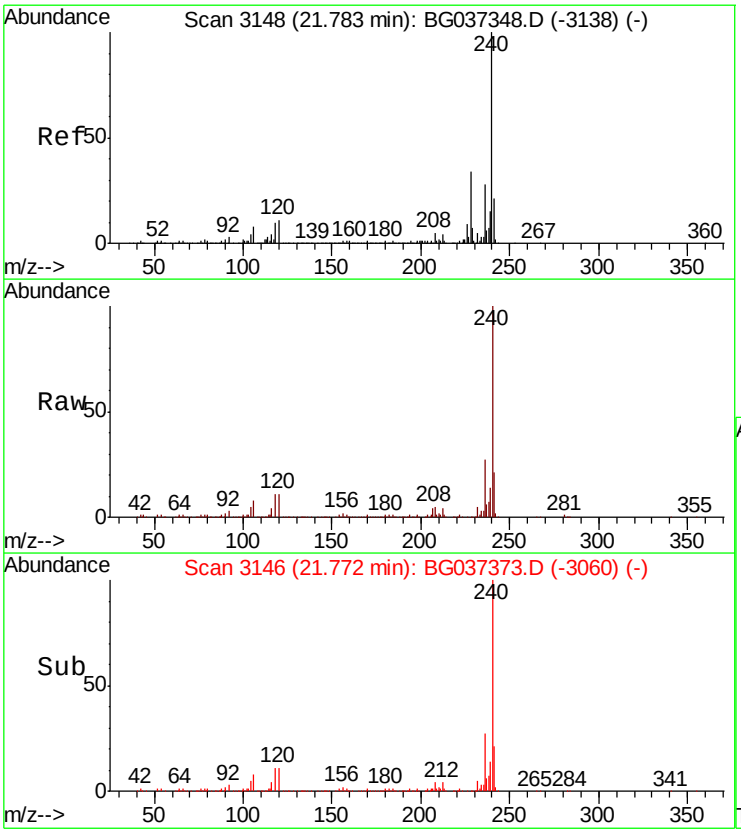
#67
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19243

Ion	Ratio	Lower	Upper
248	100		
250	195.1	77.0	115.6#
141	385.2	55.5	83.3#

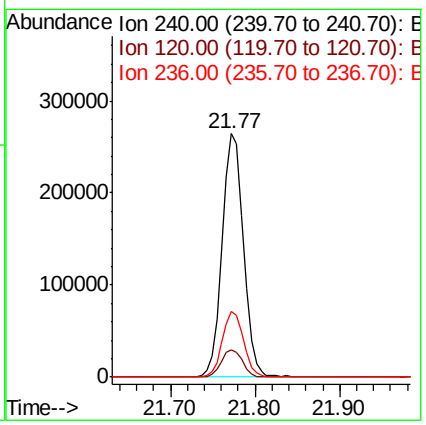


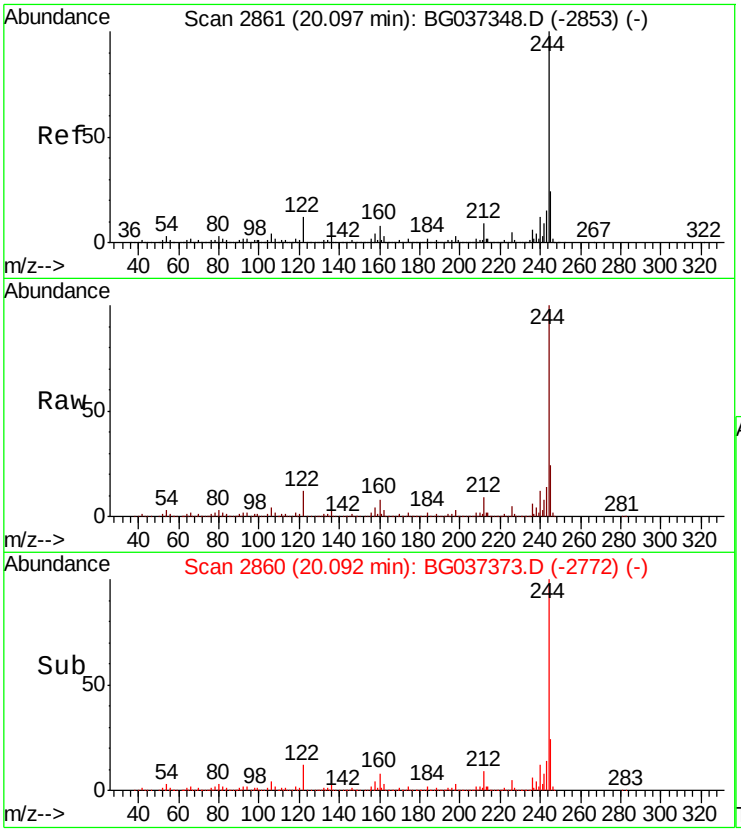


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion:240 Resp: 458524

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.9	21.4	32.0



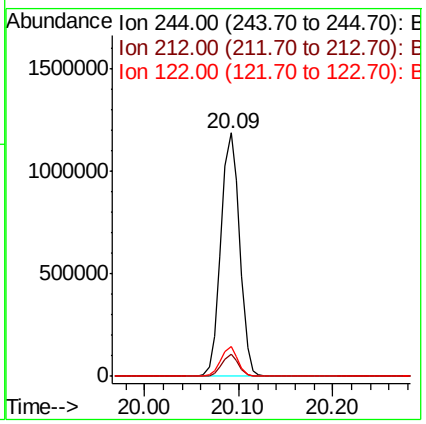


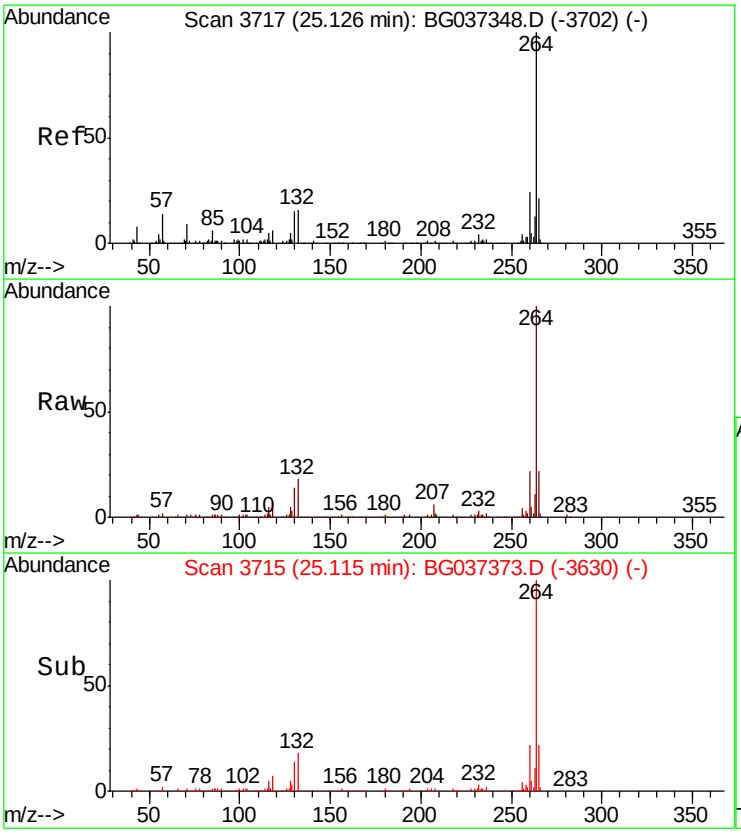
#79
Terphenyl-d14
Concen: 75.552 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1649834

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	12.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037373.D
Acq: 17 Oct 2018 00:00

Tgt Ion:264 Resp: 460049

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.9	17.9	26.9