Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037389.D
Acq On : 17 Oct 2018 13:25
Operator : JU/SJ
Sample : J5524-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 14:40:54 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	61807	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	260937	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	178980	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	455259	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	423270	20.00	ng	-0.02
87) Perylene-d12	25.12	264	407190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	402635	114.65	ng	0.00
7) Phenol-d6	7.25	99	523283	98.17	ng	0.00
23) Nitrobenzene-d5	9.29	82	367119	92.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	212813	121.24	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	868047	72.84	ng	-0.01
79) Terphenyl-d14	20.09	244	1451120	71.99	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	46470	11.514	ng	# 72
48) 2-Nitroaniline	14.22	65	56	5.771	ng	# 7
51) 2,6-Dinitrotoluene	14.75	165	23785	12.644	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	23785	11.447	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.24	198	411	6.198	ng	78
67) 4-Bromophenyl-phenylether	16.23	248	15018	3.057	ng	# 1

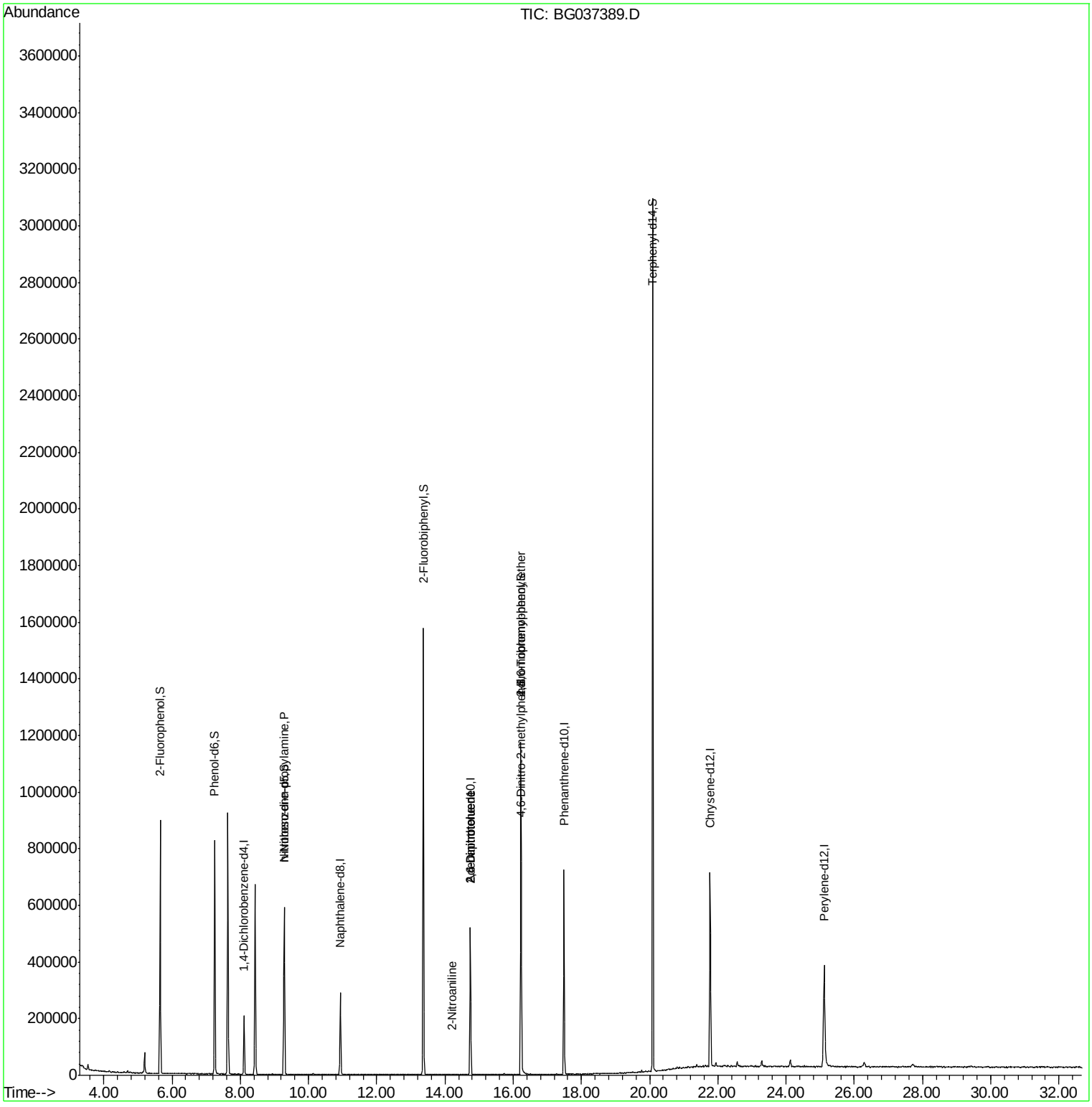
(#) = qualifier out of range (m) = manual integration (+) = signals summed

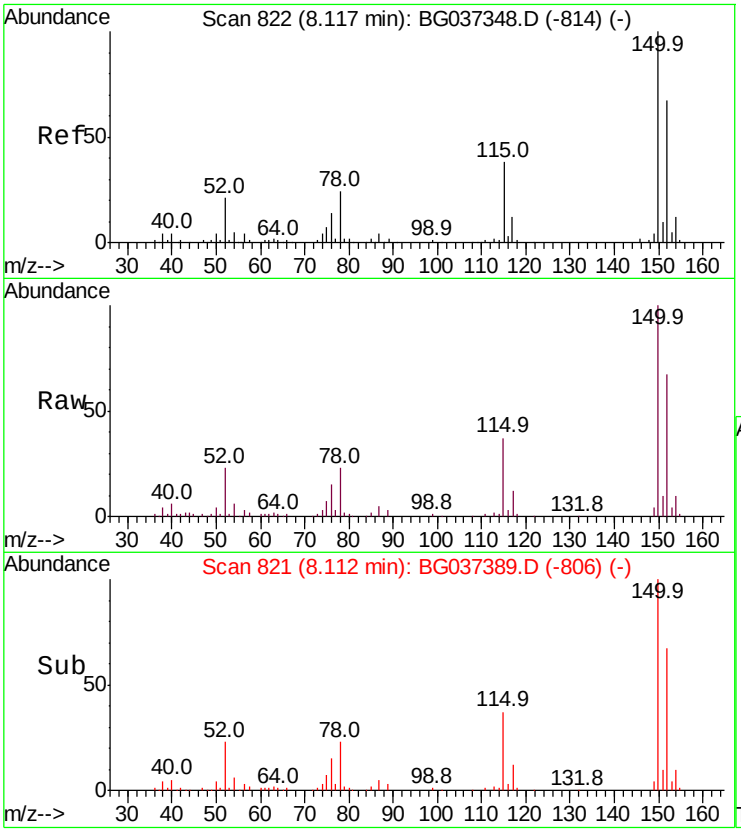
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037389.D
Acq On : 17 Oct 2018 13:25
Operator : JU/SJ
Sample : J5524-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 17 14:40:54 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



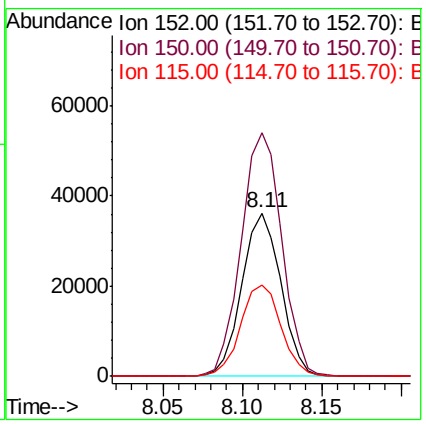


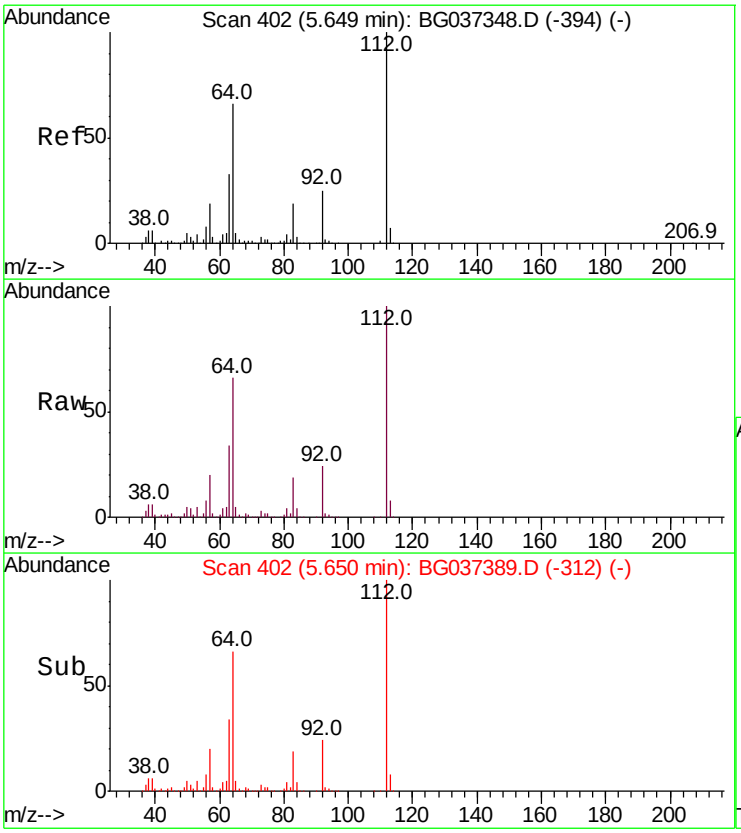
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 61807

Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.0	189.0
115	55.7	45.5	68.3

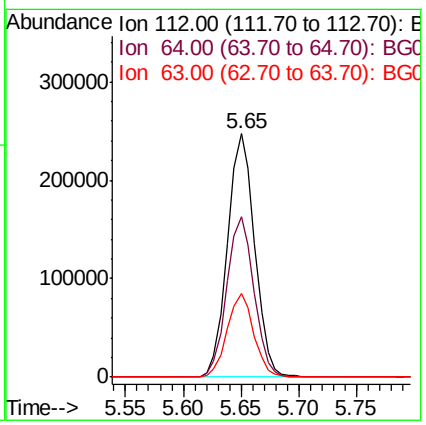


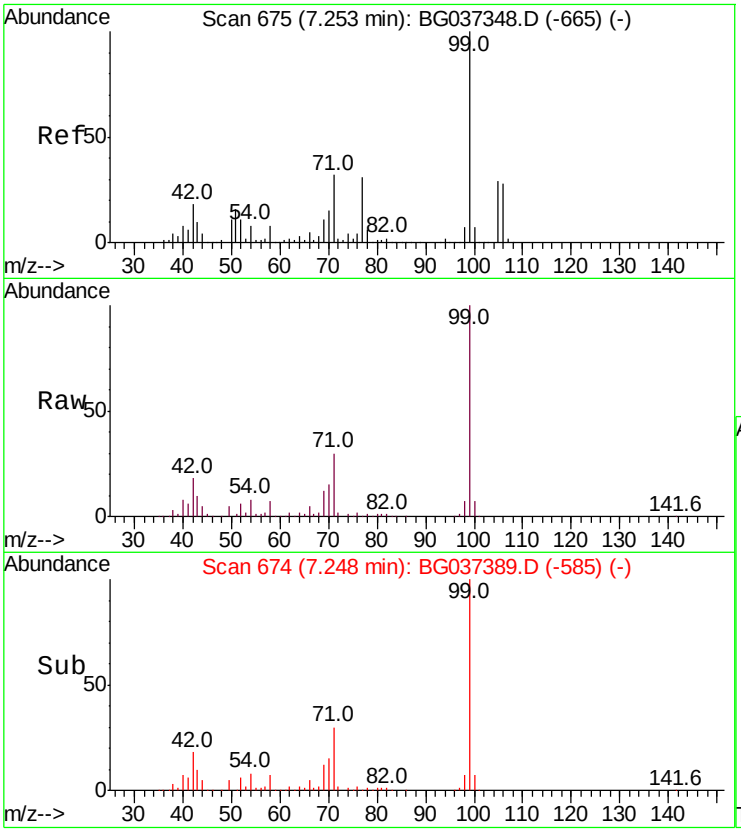


#5
2-Fluorophenol
Concen: 114.647 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:112 Resp: 402635

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	34.3	27.3	40.9



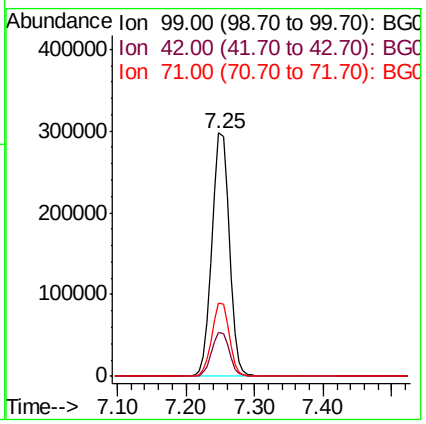


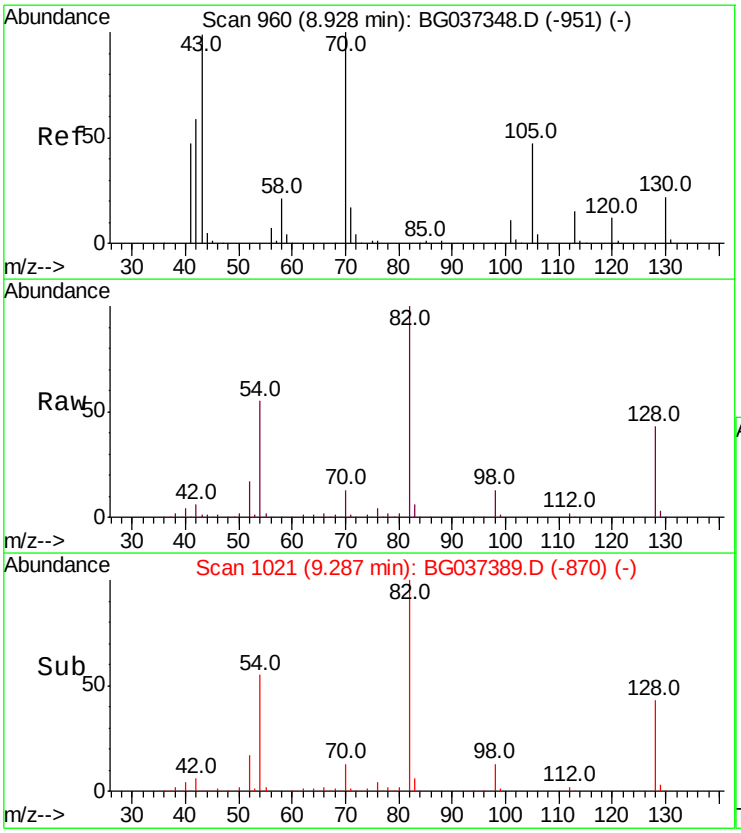
#7
Phenol-d6
Concen: 98.166 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 523283

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	30.2	25.5	38.3

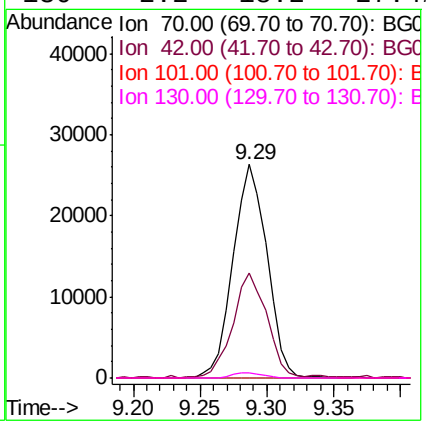


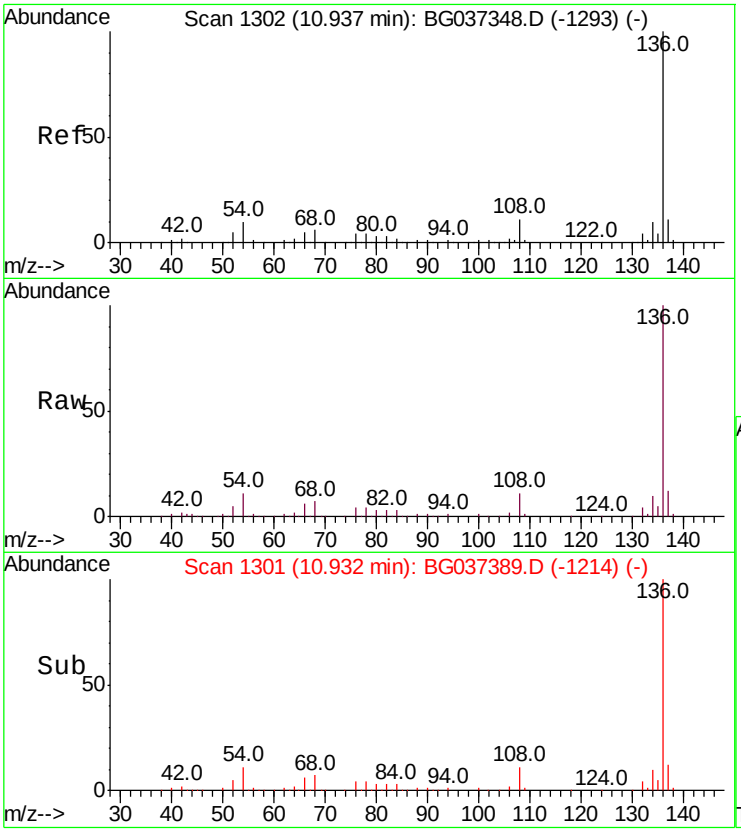


#19
n-Nitroso-di-n-propylamine
Concen: 11.514 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion: 70 Resp: 46470

Ion	Ratio	Lower	Upper
70	100		
42	49.0	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#



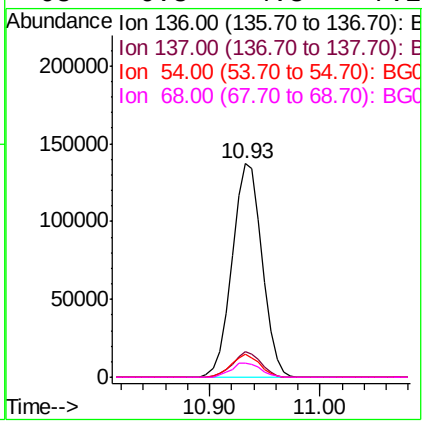


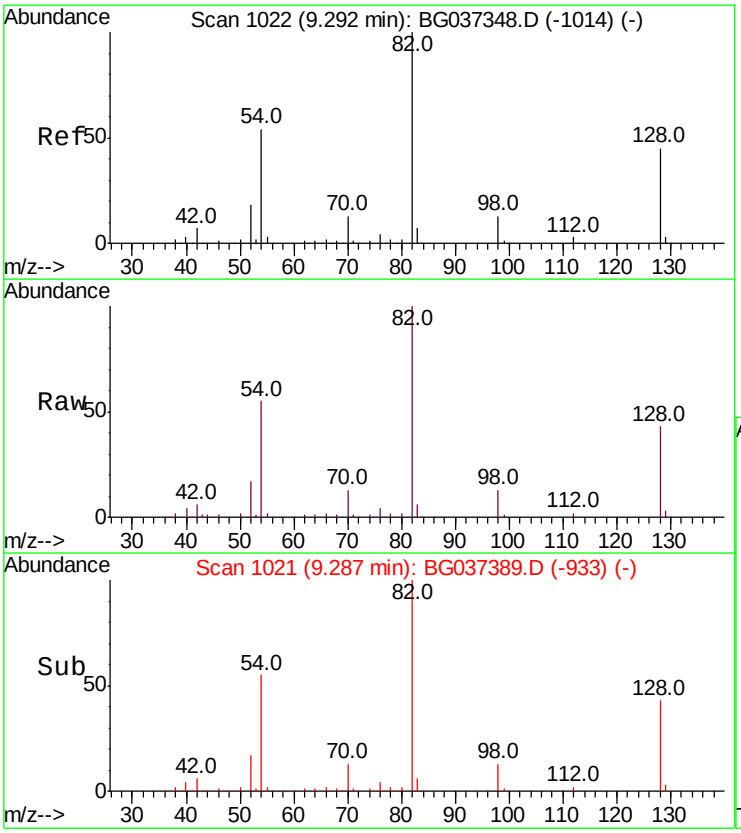
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 260937

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.6	7.9	11.9
68	6.8	4.8	7.2

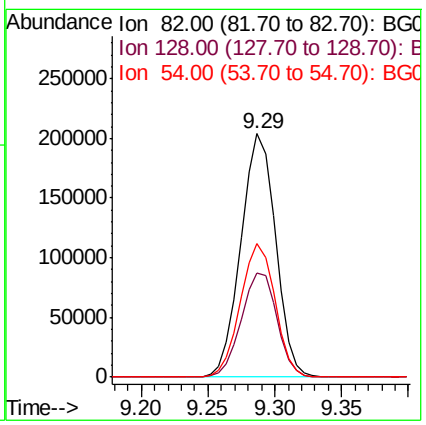


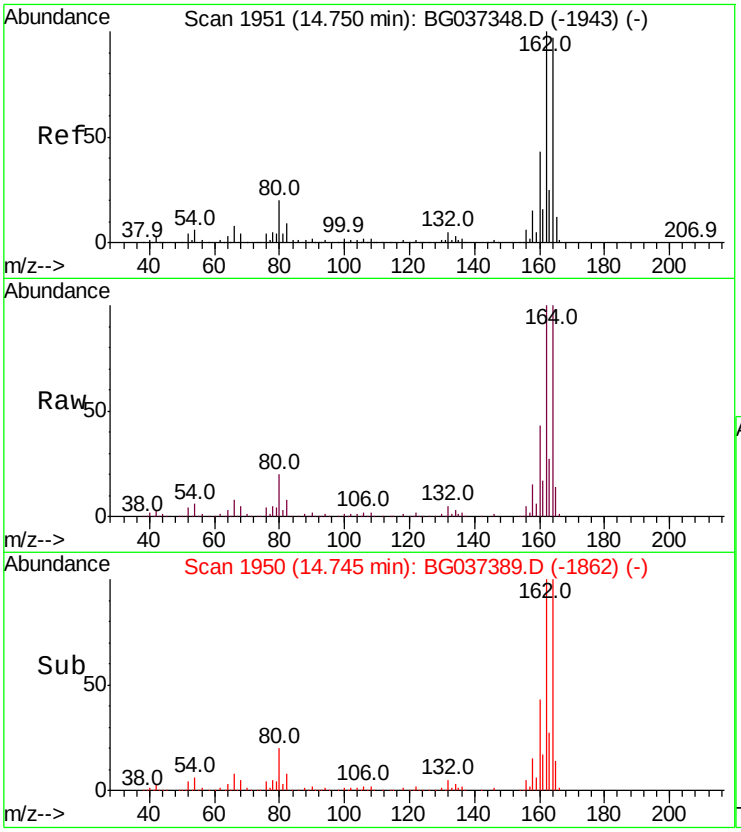


#23
Nitrobenzene-d5
Concen: 92.498 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion: 82 Resp: 367119

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	54.7	45.3	67.9



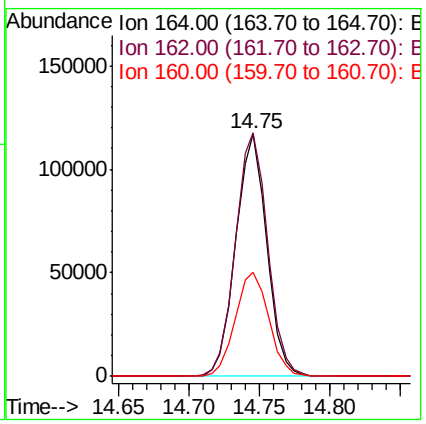


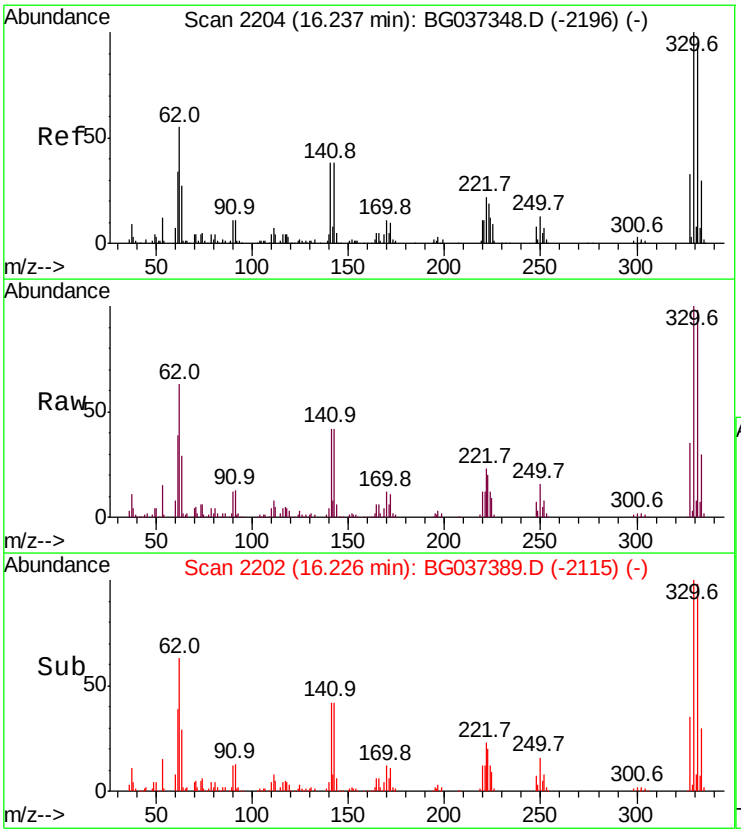
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 178980

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	43.0	36.3	54.5

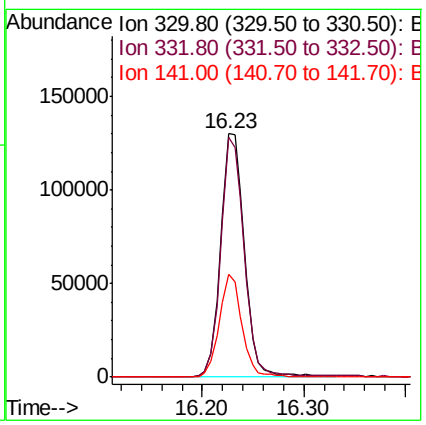


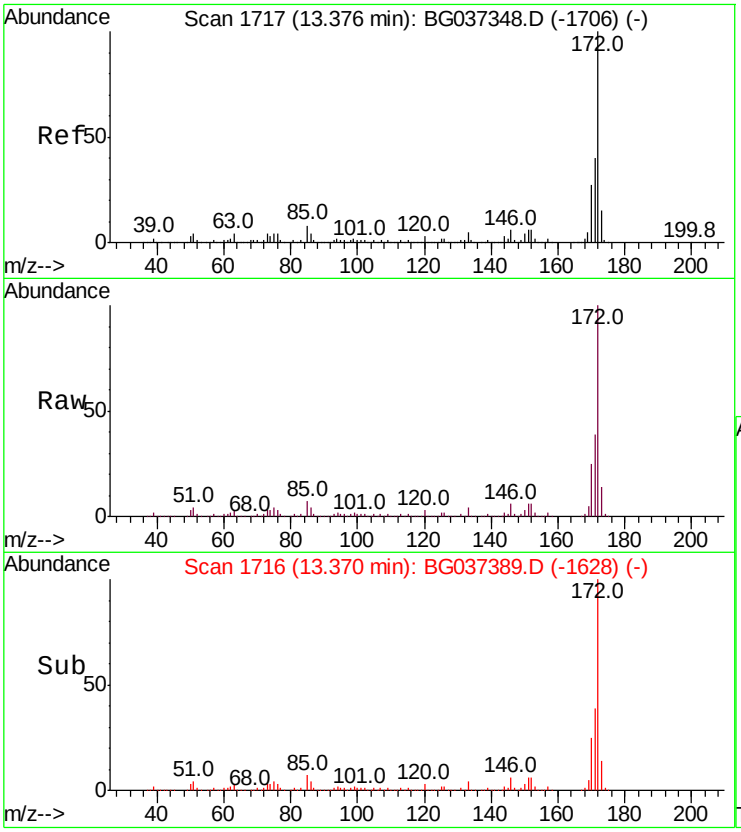


#42
2,4,6-Tribromophenol
Concen: 121.241 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:330 Resp: 212813

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.7	32.2	48.2



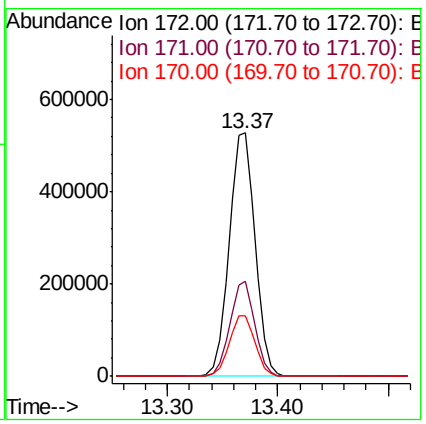


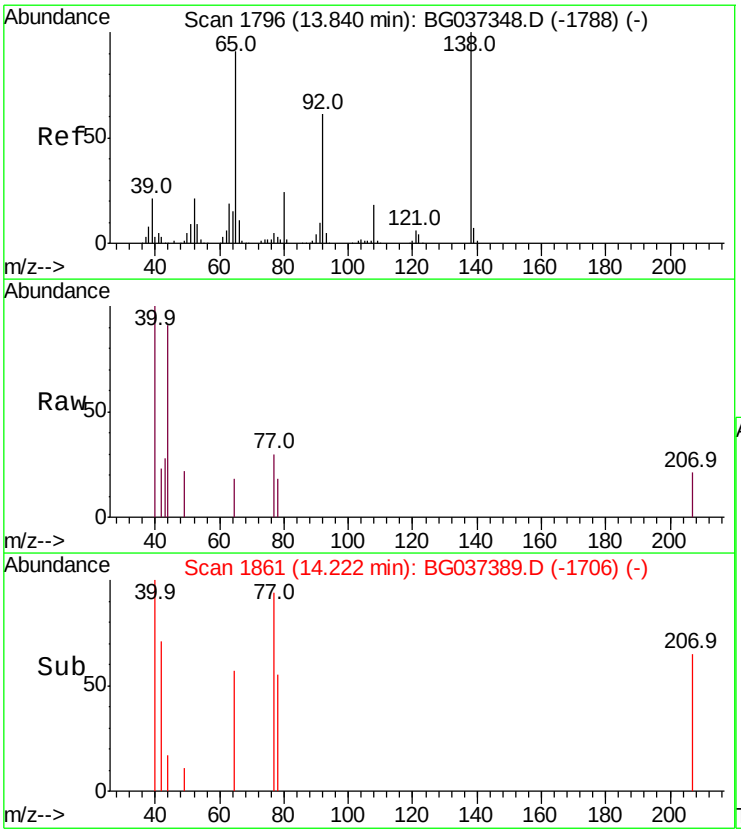
#45
2-Fluorobiphenyl
Concen: 72.835 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 868047

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	24.8	20.2	30.2

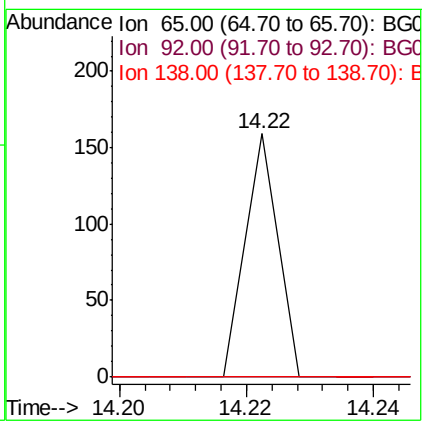


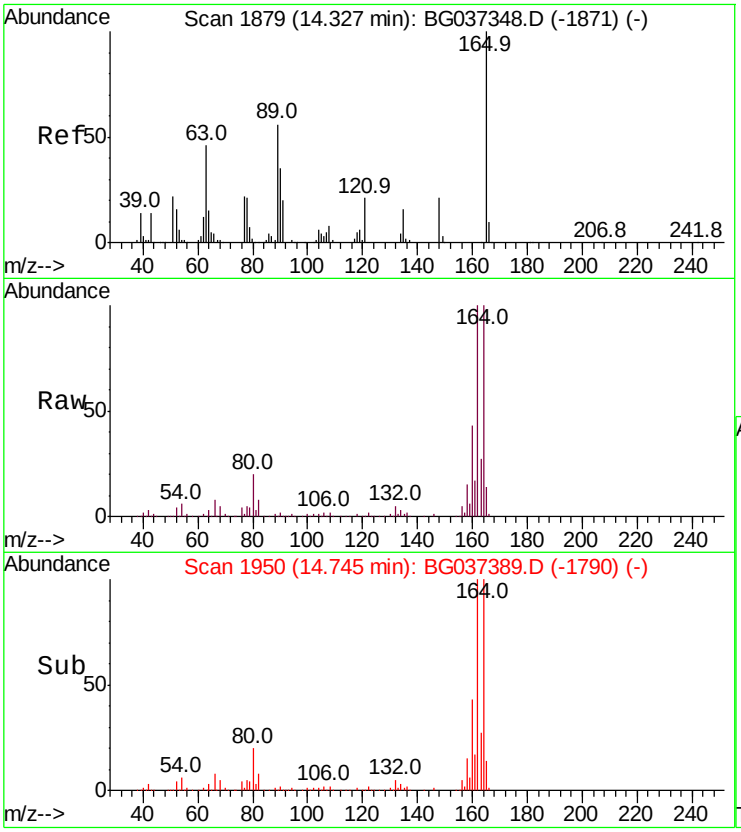


#48
2-Nitroaniline
Concen: 5.771 ng
RT: 14.22 min Scan# 1861
Delta R.T. 0.38 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion: 65 Resp: 56

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



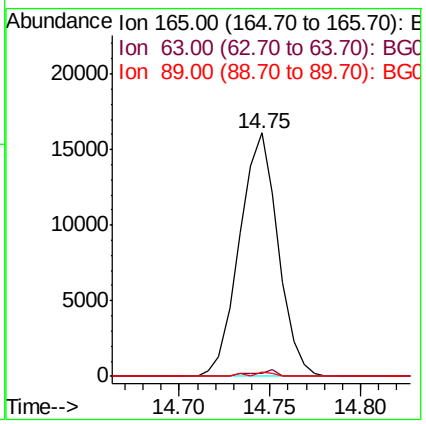


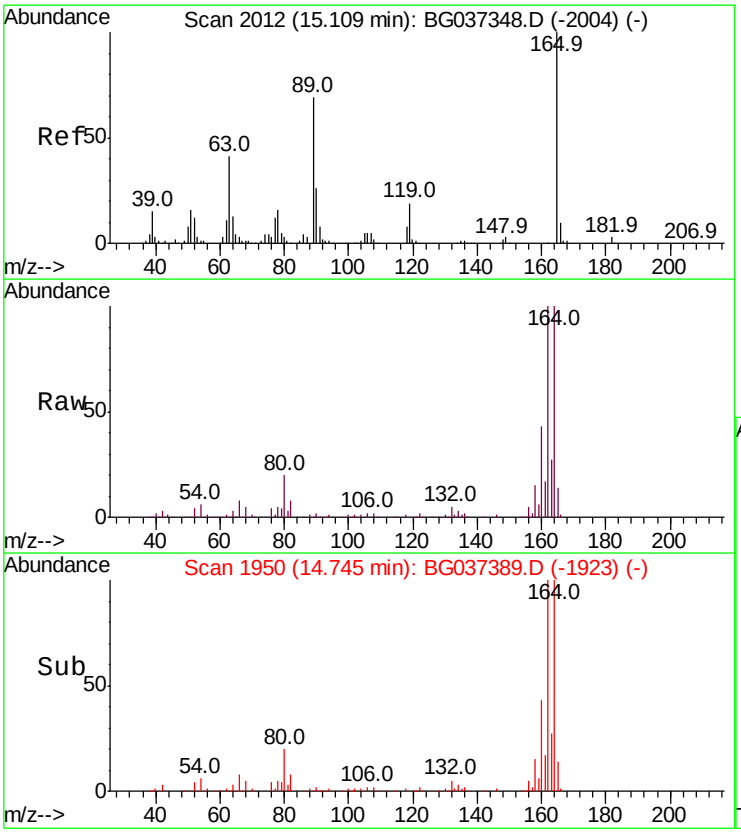
#51
2,6-Dinitrotoluene
Concen: 12.644 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23785

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.2#
89	1.6	45.8	68.6#

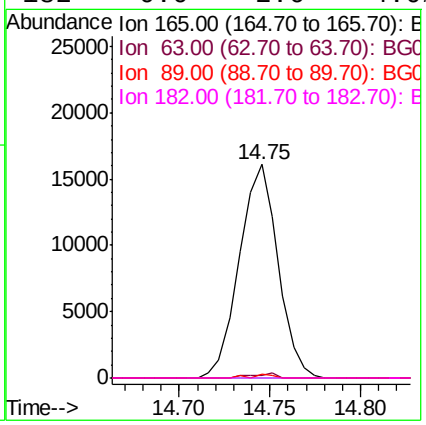


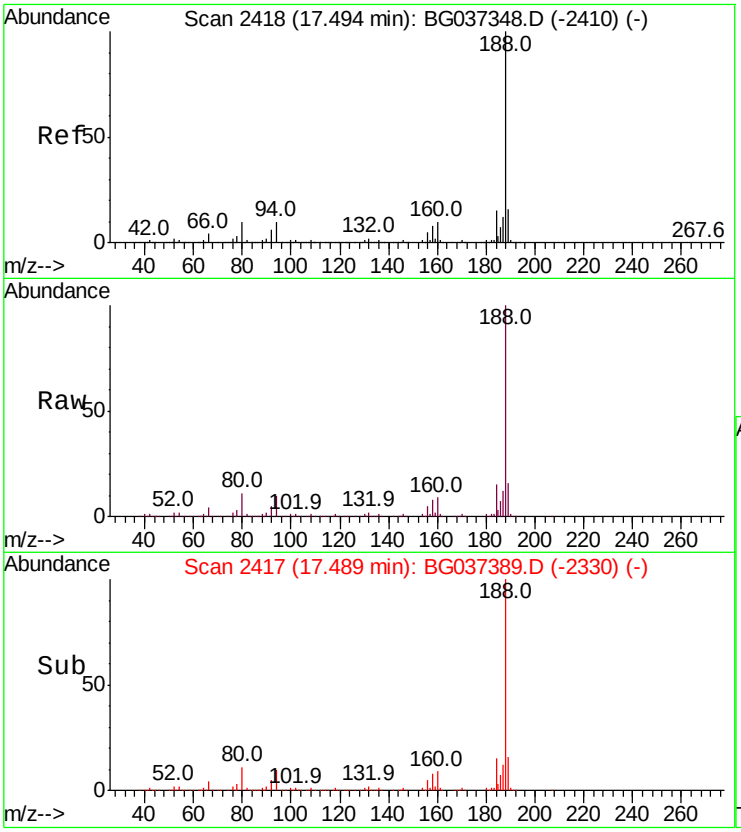


#57
2,4-Dinitrotoluene
Concen: 11.447 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:165 Resp: 23785

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



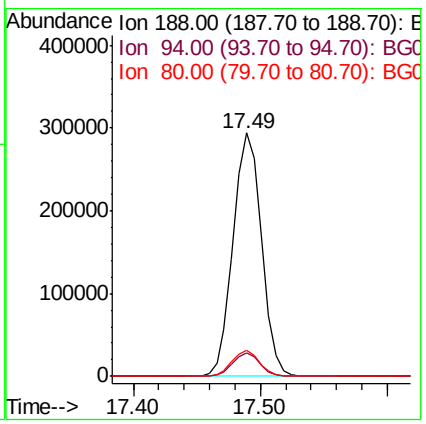


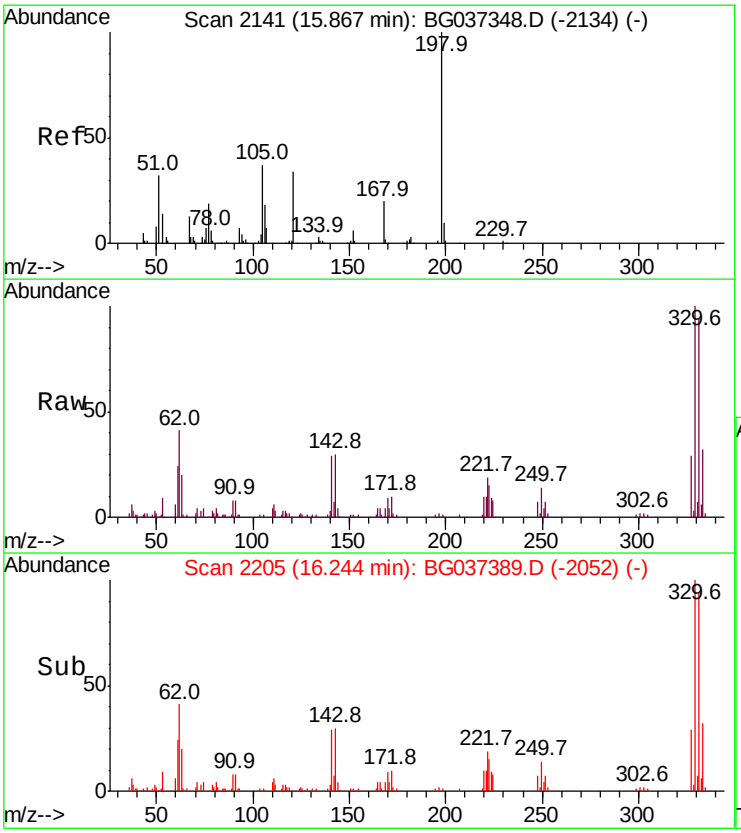
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 455259

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.5	7.7	11.5

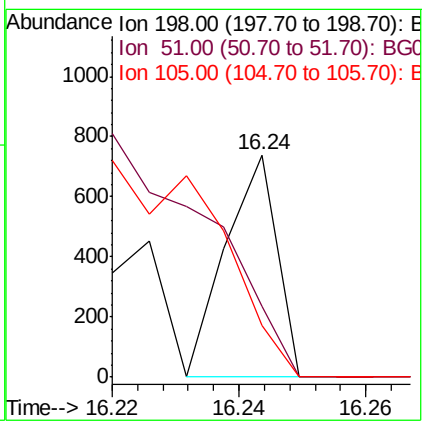


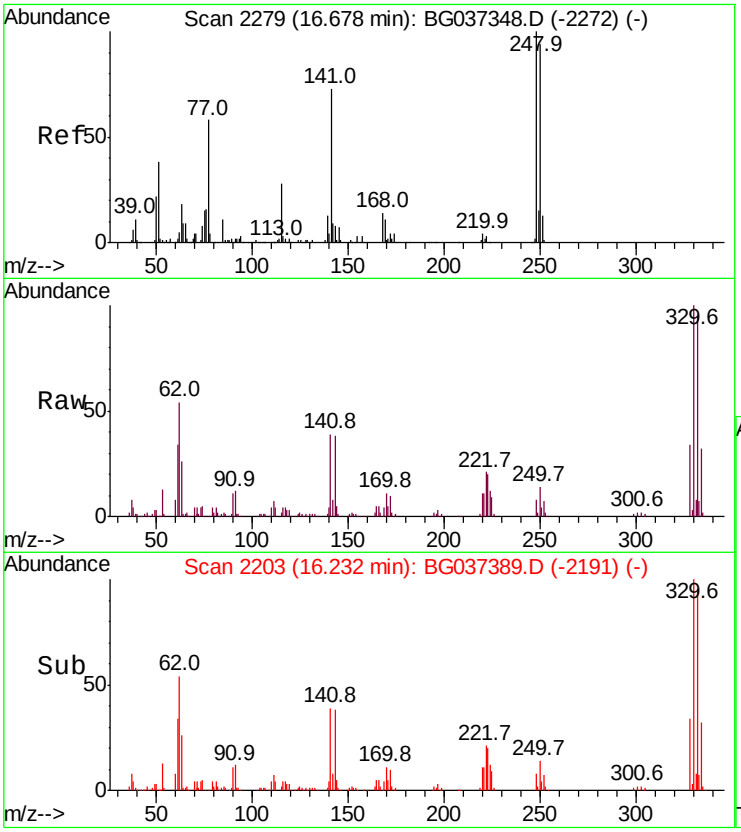


#65
4,6-Dinitro-2-methylphenol
Concen: 6.198 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.37 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:198 Resp: 411

Ion	Ratio	Lower	Upper
198	100		
51	32.1	22.7	62.7
105	23.1	19.7	59.7



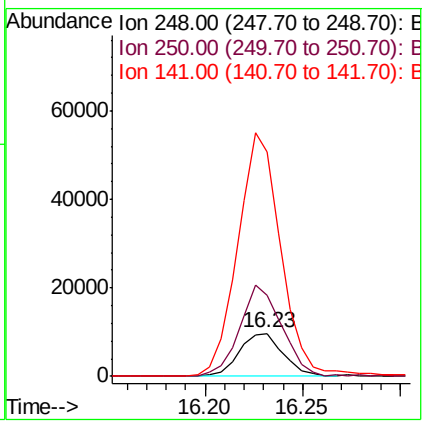


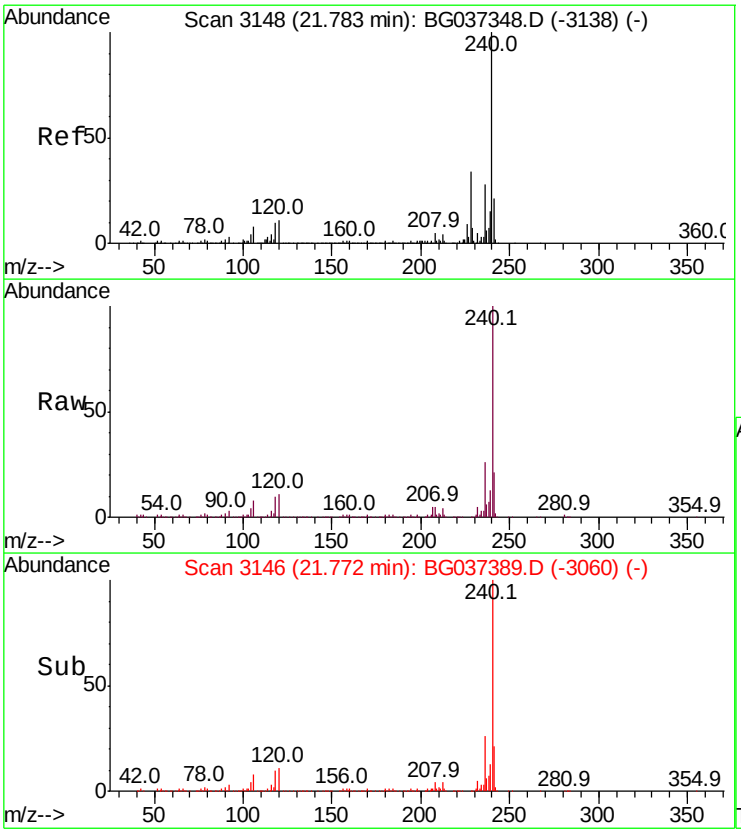
#67
4-Bromophenyl-phenylether
Concen: 3.057 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15018

Ion	Ratio	Lower	Upper
248	100		
250	186.7	77.0	115.6#
141	401.8	55.5	83.3#

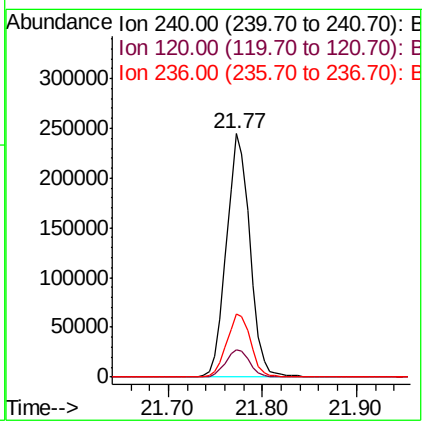


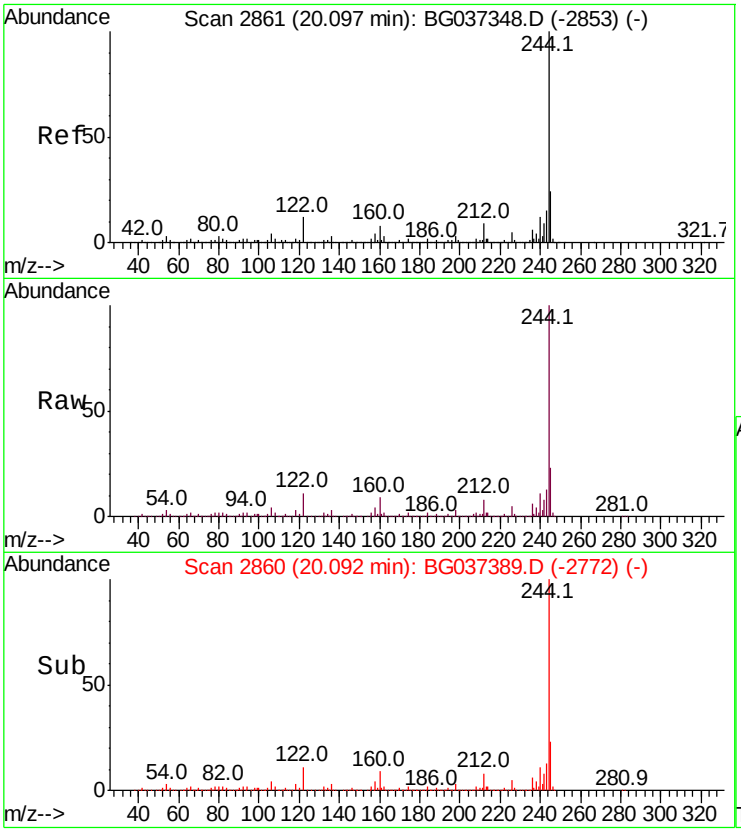


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:240 Resp: 423270

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	25.9	21.4	32.0



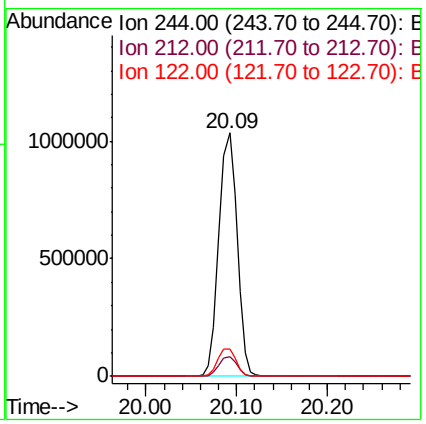


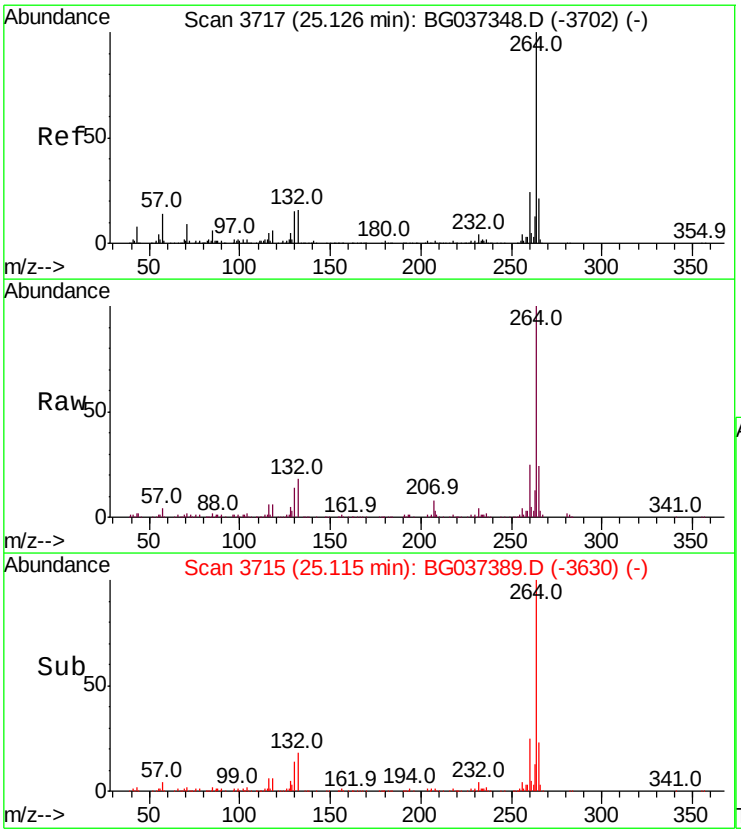
#79
Terphenyl-d14
Concen: 71.987 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037389.D
Acq: 17 Oct 2018 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1451120

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.3	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: BG037389.D
Acq: 17 Oct 2018 13:25

Tgt Ion:264 Resp: 407190

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	23.6	17.9	26.9