Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037304.D
Acq On : 12 Oct 2018 23:34
Operator : JU/SJ
Sample : J5205-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-101118

Quant Time: Oct 13 00:17:47 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	53248	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	224489	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	151880	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	398021	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	386415	20.00	ng	-0.01
87) Perylene-d12	25.13	264	390325	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	369088	121.99	ng	0.00
7) Phenol-d6	7.25	99	476604	103.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	324897	95.15	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	234704	157.57	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	756588	74.81	ng	0.00
79) Terphenyl-d14	20.10	244	1454085	79.01	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	40175	11.555	ng	# 70
48) 2-Nitroaniline	13.38	65	1333	6.214	ng	# 5
51) 2,6-Dinitrotoluene	14.75	165	19989	12.568	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	19989	11.388	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	668	6.415	ng	82
67) 4-Bromophenyl-phenylether	16.23	248	17944	4.177	ng	# 1

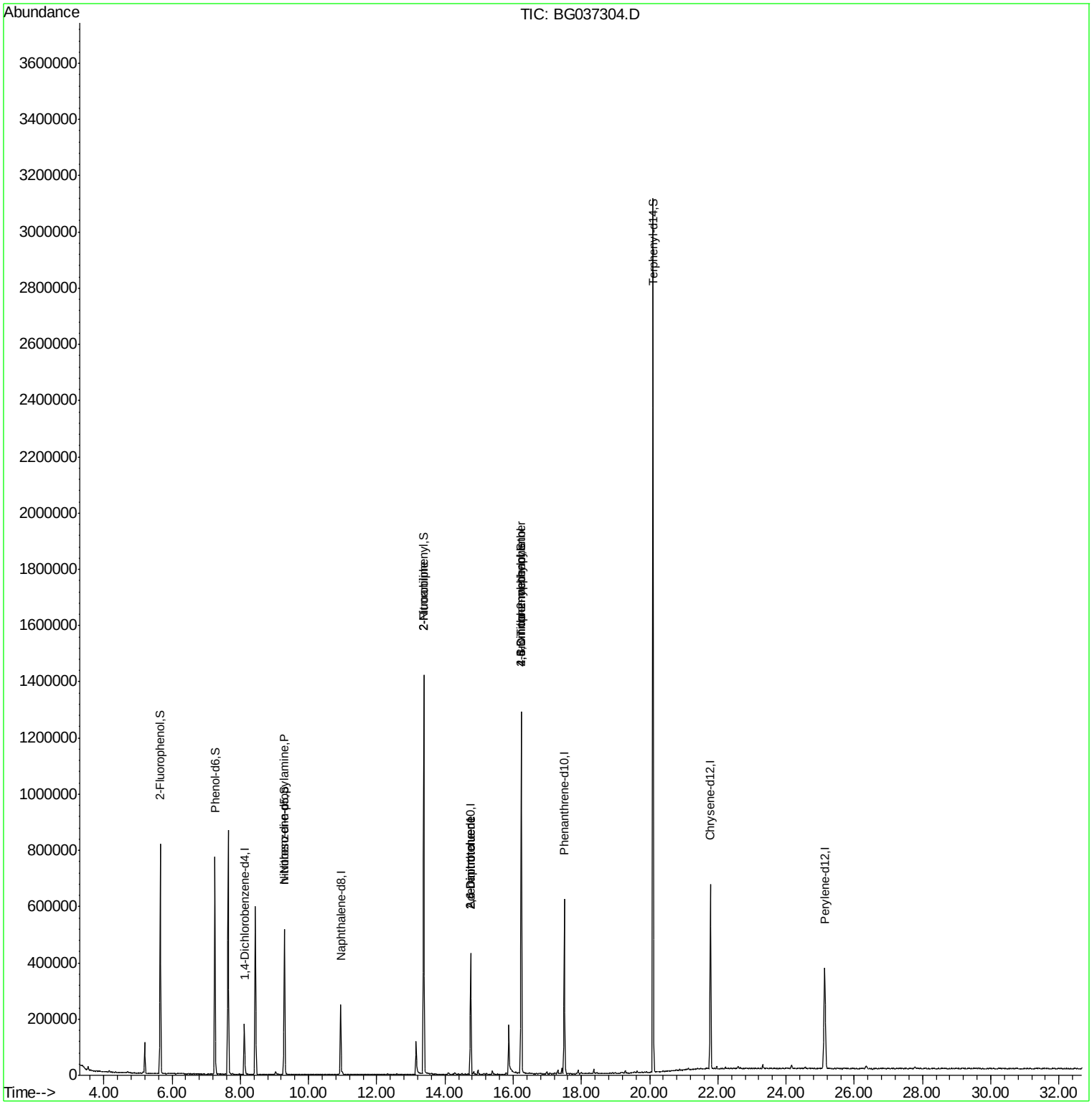
(#) = qualifier out of range (m) = manual integration (+) = signals summed

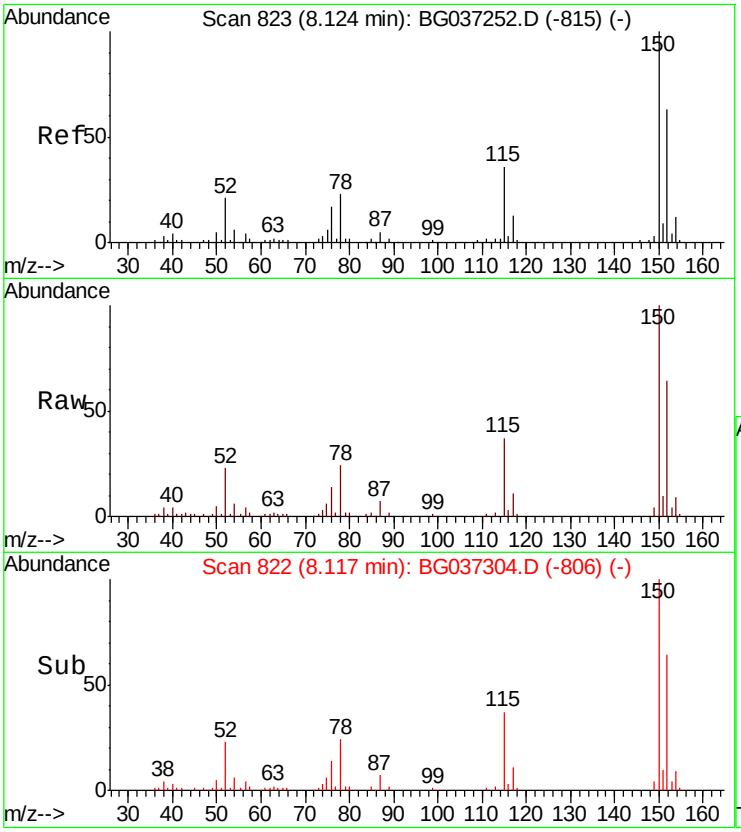
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037304.D
Acq On : 12 Oct 2018 23:34
Operator : JU/SJ
Sample : J5205-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Quant Time: Oct 13 00:17:47 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



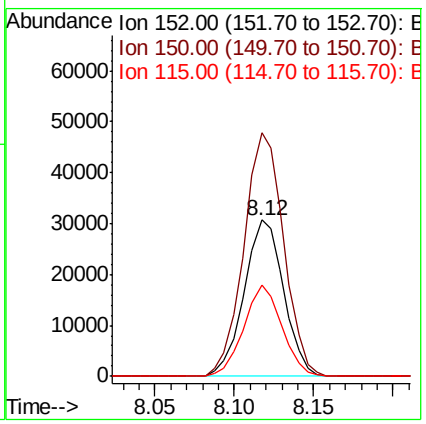


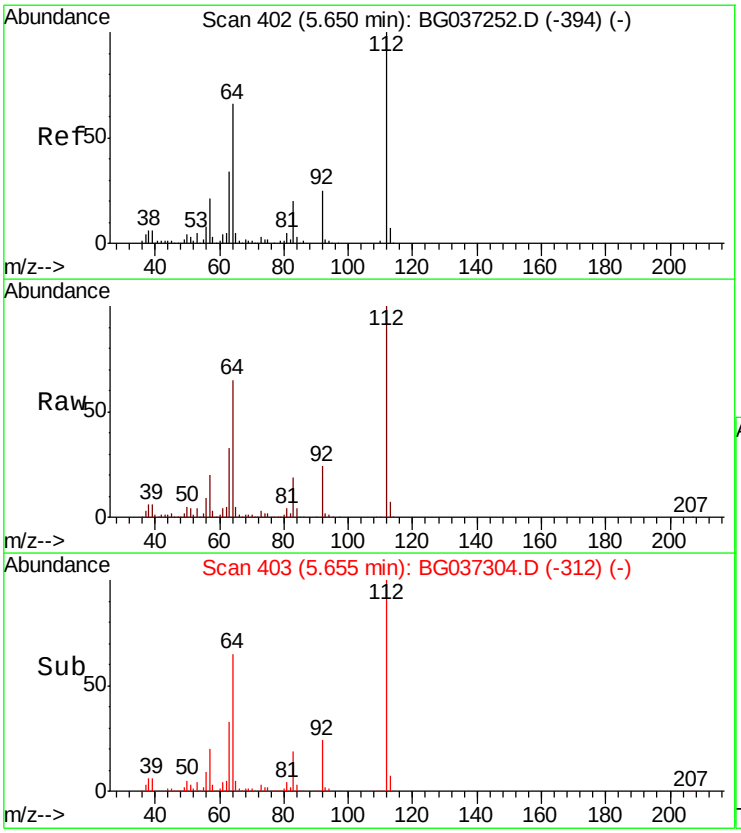
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:152 Resp: 53248

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.0	189.0
115	58.0	45.5	68.3

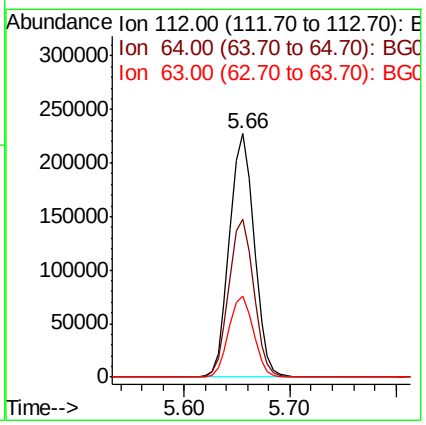


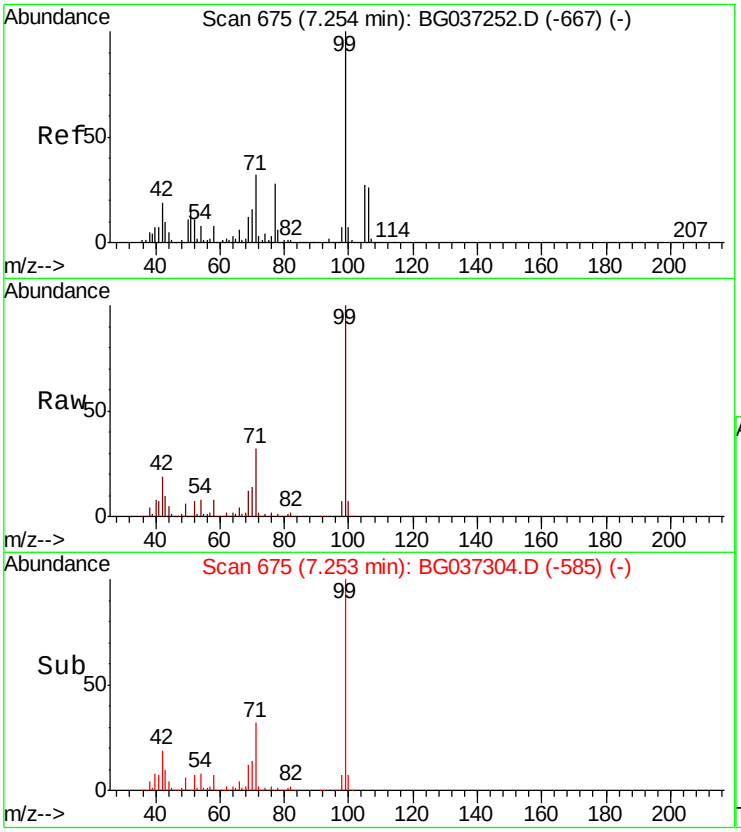


#5
2-Fluorophenol
Concen: 121.988 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:112 Resp: 369088

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	33.2	27.3	40.9



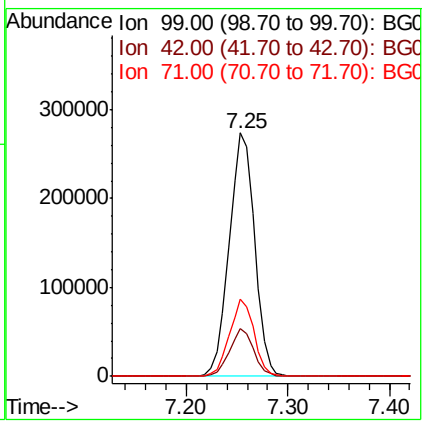


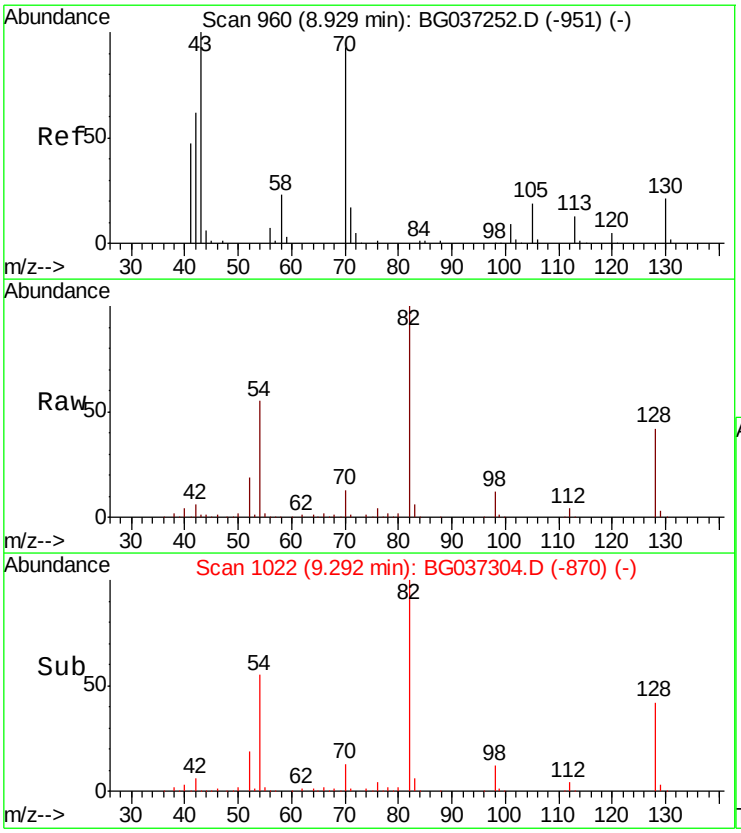
#7
Phenol-d6
Concen: 103.781 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion: 99 Resp: 476604

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	31.8	25.5	38.3

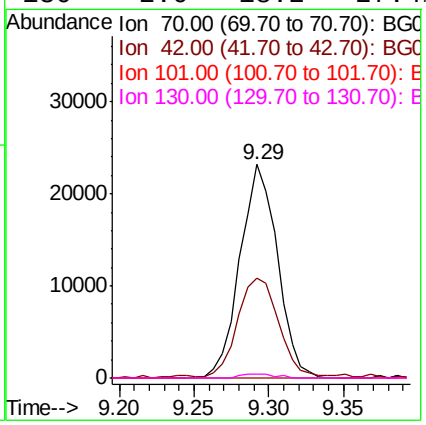


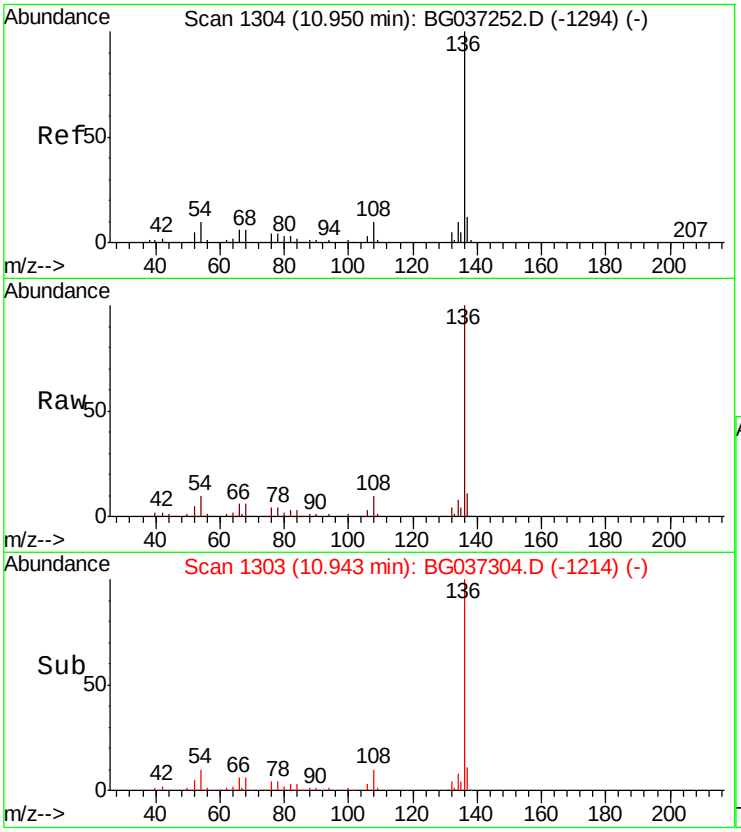


#19
n-Nitroso-di-n-propylamine
Concen: 11.555 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion: 70 Resp: 40175

Ion	Ratio	Lower	Upper
70	100		
42	46.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



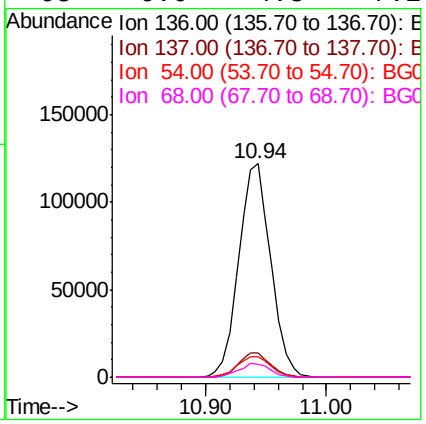


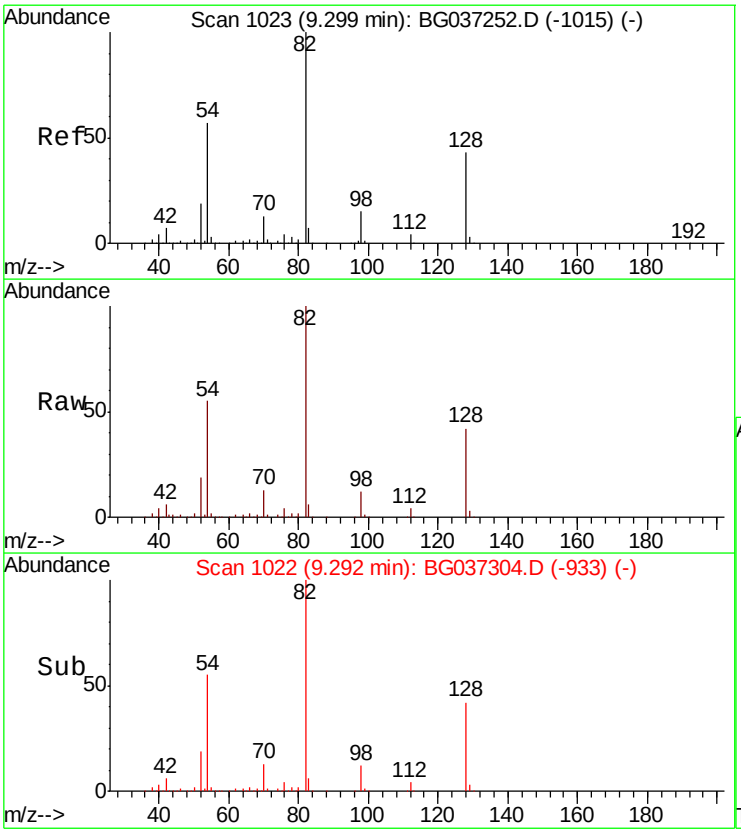
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:136 Resp: 224489

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.7	7.9	11.9
68	6.0	4.8	7.2

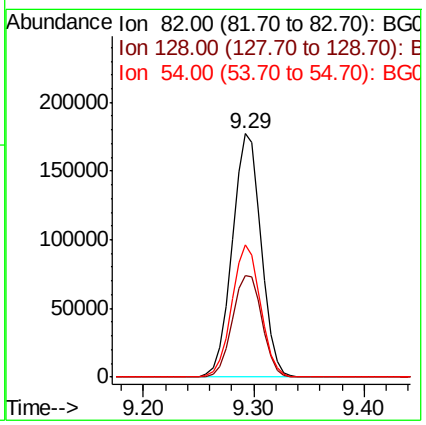


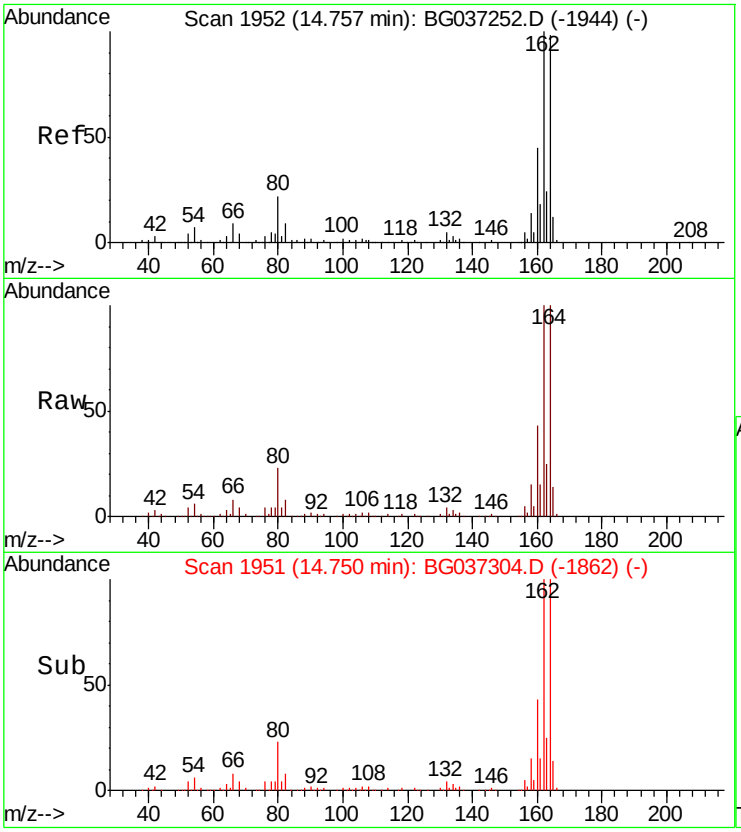


#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion: 82 Resp: 324897

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	54.6	45.3	67.9



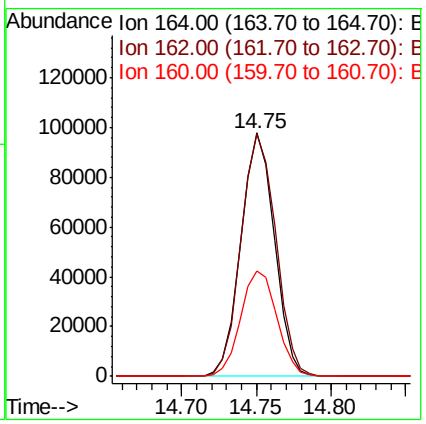


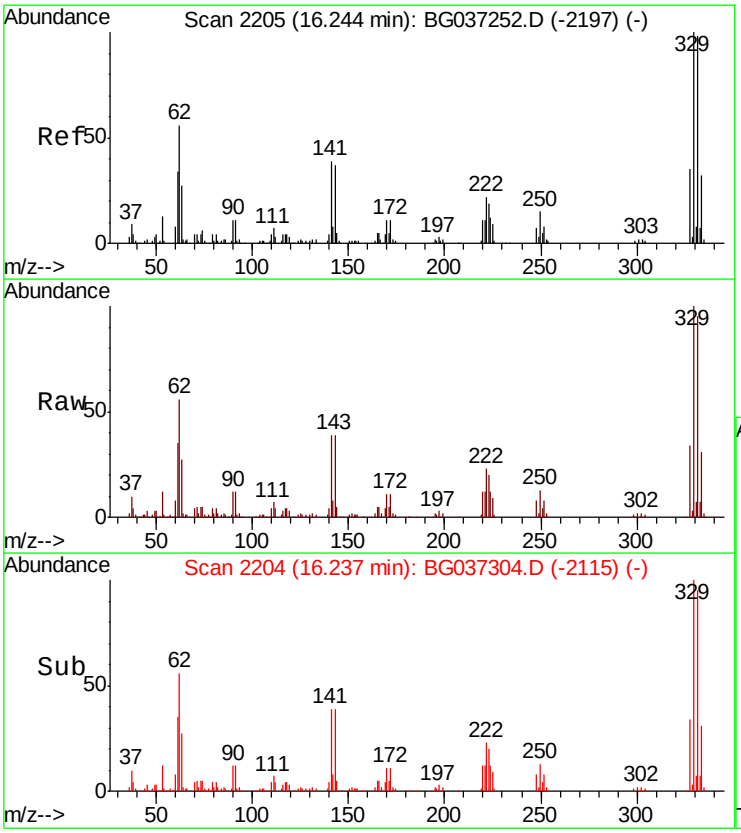
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:164 Resp: 151880

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	43.4	36.3	54.5

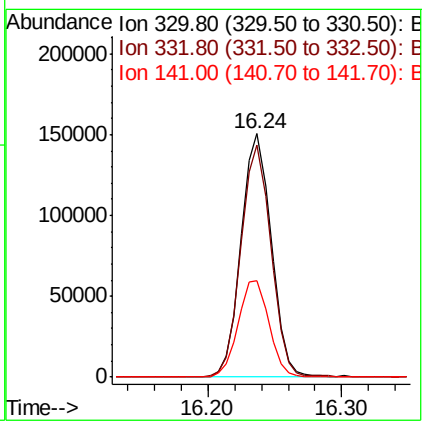


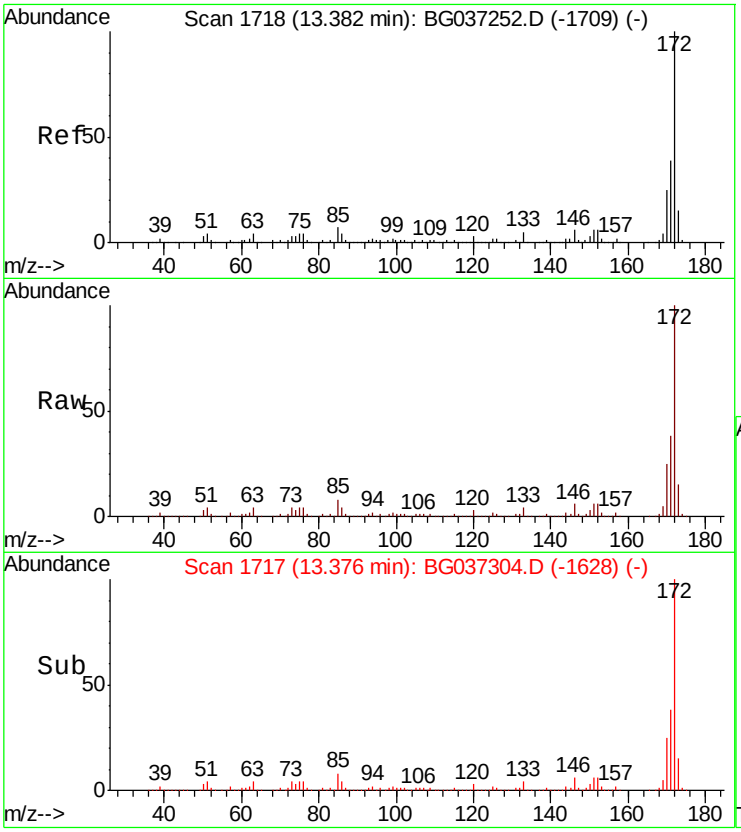


#42
2,4,6-Tribromophenol
Concen: 157.570 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:330 Resp: 234704

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	40.7	32.2	48.2



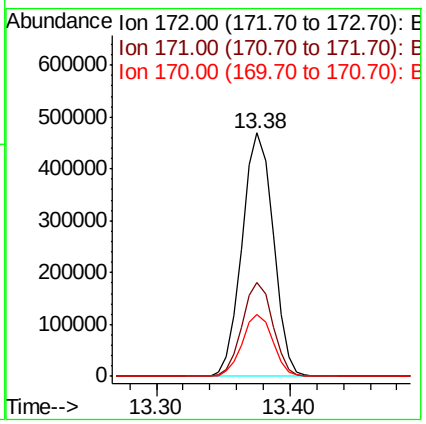


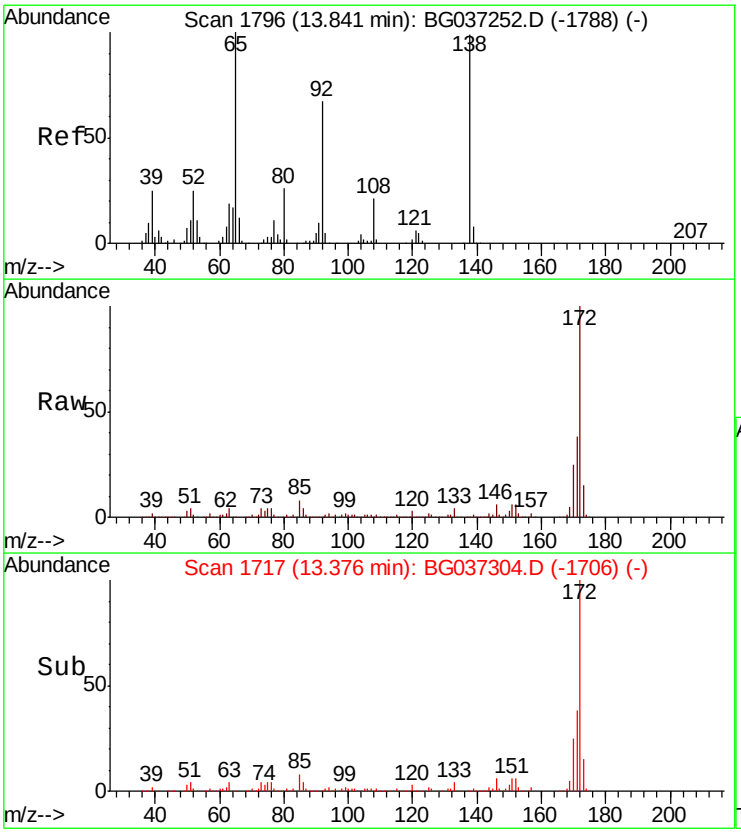
#45
2-Fluorobiphenyl
Concen: 74.810 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:172 Resp: 756588

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.2	20.2	30.2

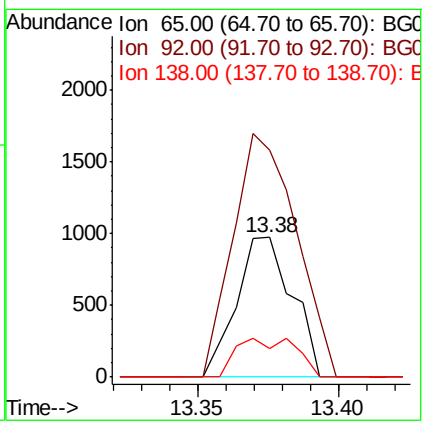


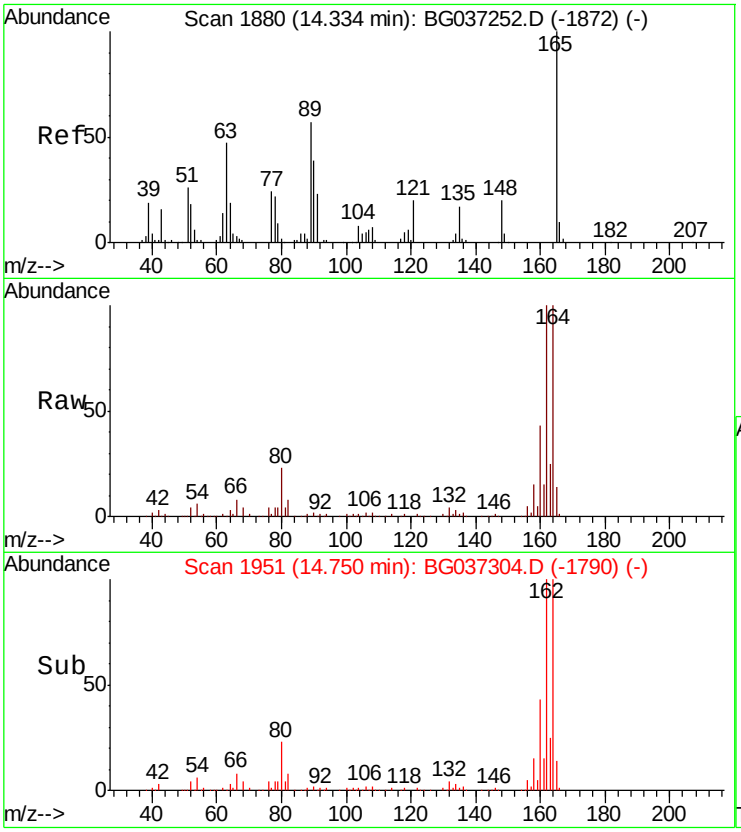


#48
2-Nitroaniline
Concen: 6.214 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.46 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion: 65 Resp: 1333

Ion	Ratio	Lower	Upper
65	100		
92	162.4	53.2	79.8#
138	20.6	79.3	118.9#



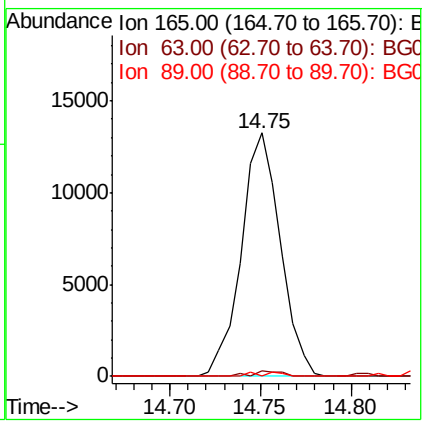


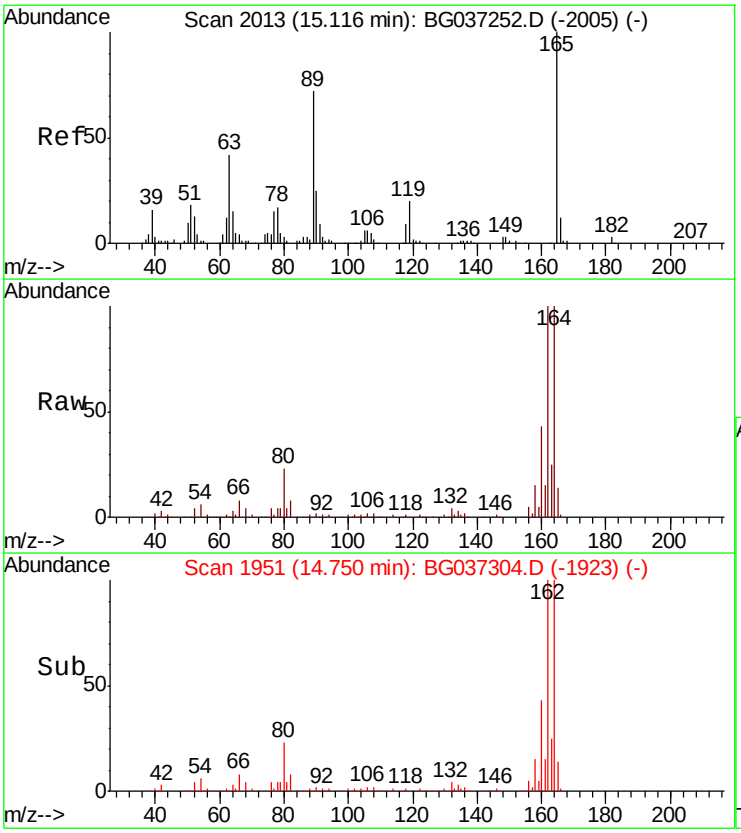
#51
2,6-Dinitrotoluene
Concen: 12.568 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.42 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:165 Resp: 19989

Ion	Ratio	Lower	Upper
165	100		
63	2.5	43.4	65.2#
89	0.0	45.8	68.6#

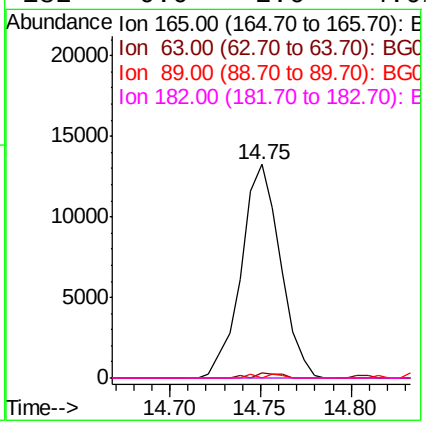


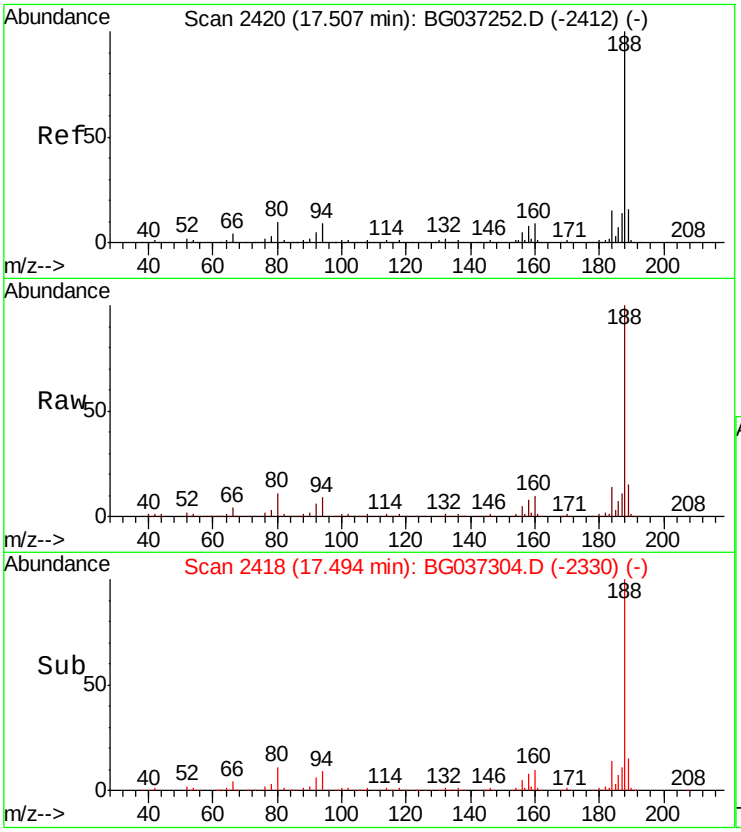


#57
2,4-Dinitrotoluene
Concen: 11.388 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:165 Resp: 19989

Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



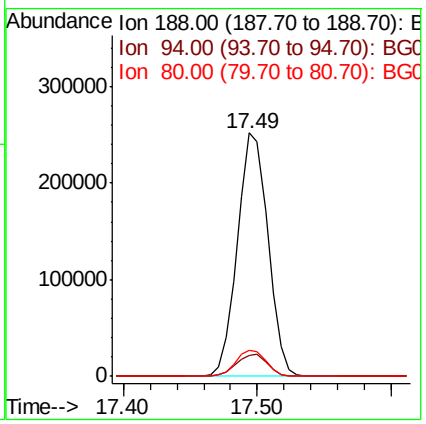


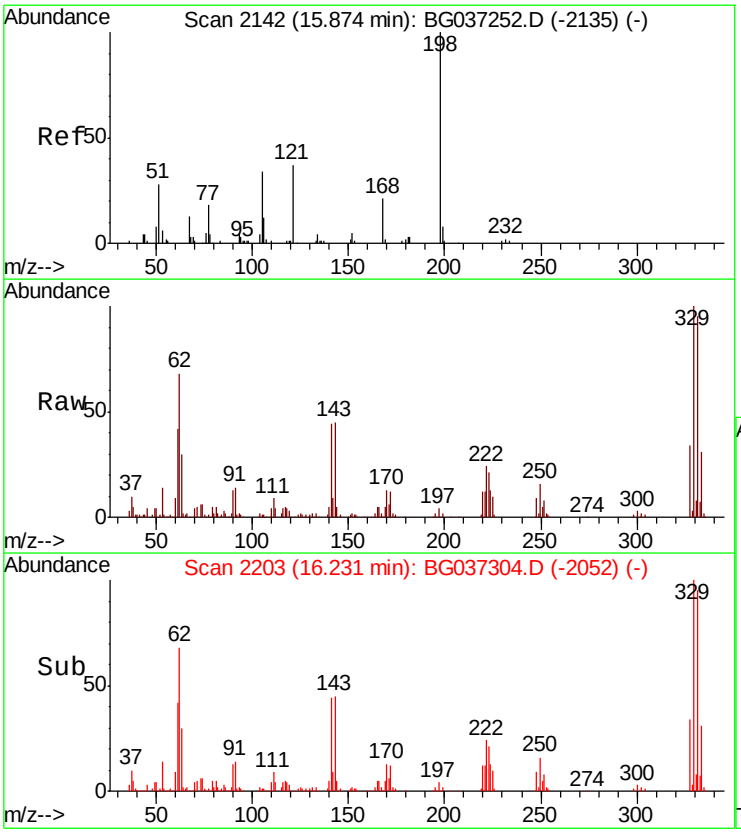
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:188 Resp: 398021

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.8	7.7	11.5

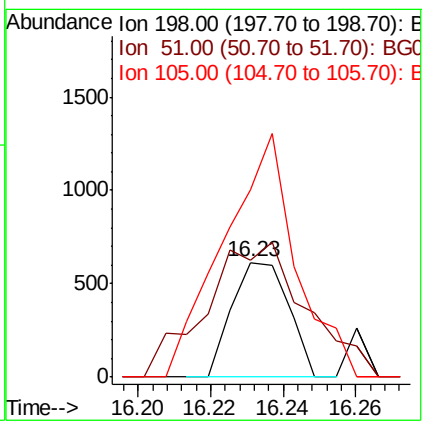


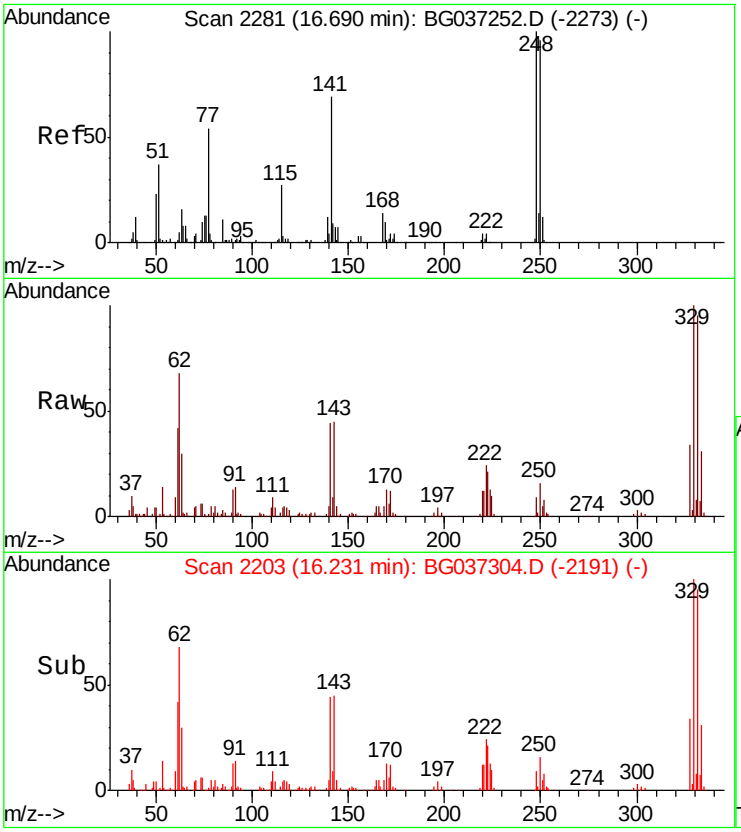


#65
4,6-Dinitro-2-methylphenol
Concen: 6.415 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:198 Resp: 668

Ion	Ratio	Lower	Upper
198	100		
51	23.2	22.7	62.7
105	37.2	19.7	59.7



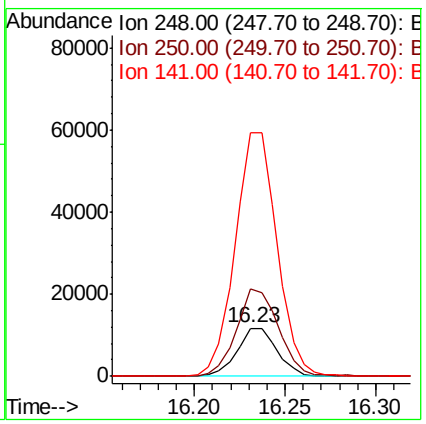


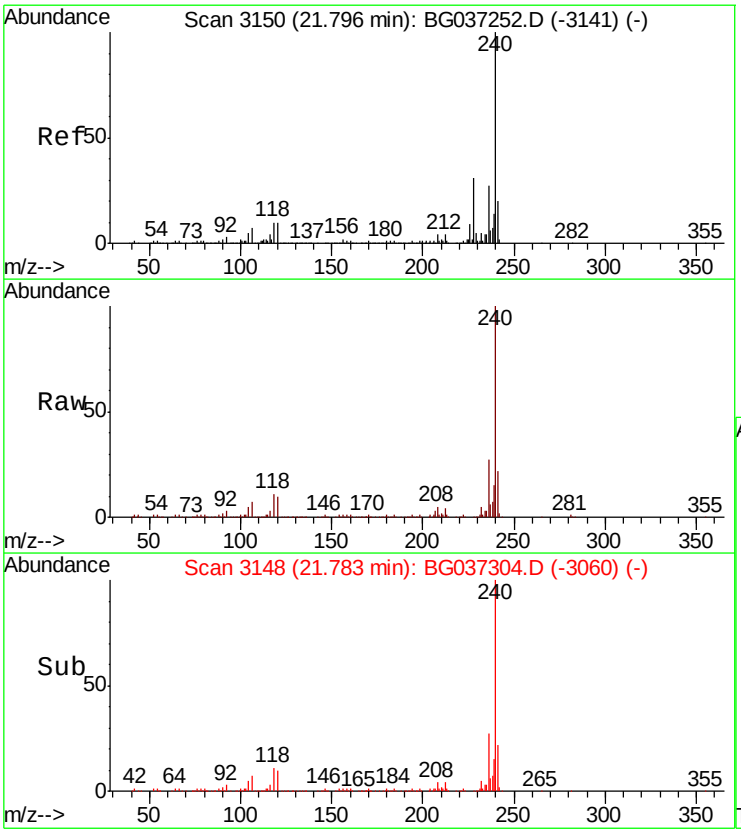
#67
4-Bromophenyl-phenylether
Concen: 4.177 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:248 Resp: 17944

Ion	Ratio	Lower	Upper
248	100		
250	184.2	77.0	115.6#
141	395.6	55.5	83.3#

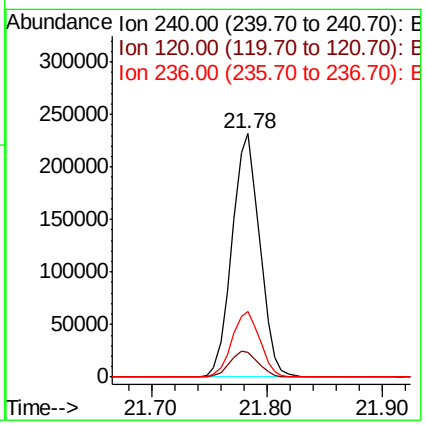


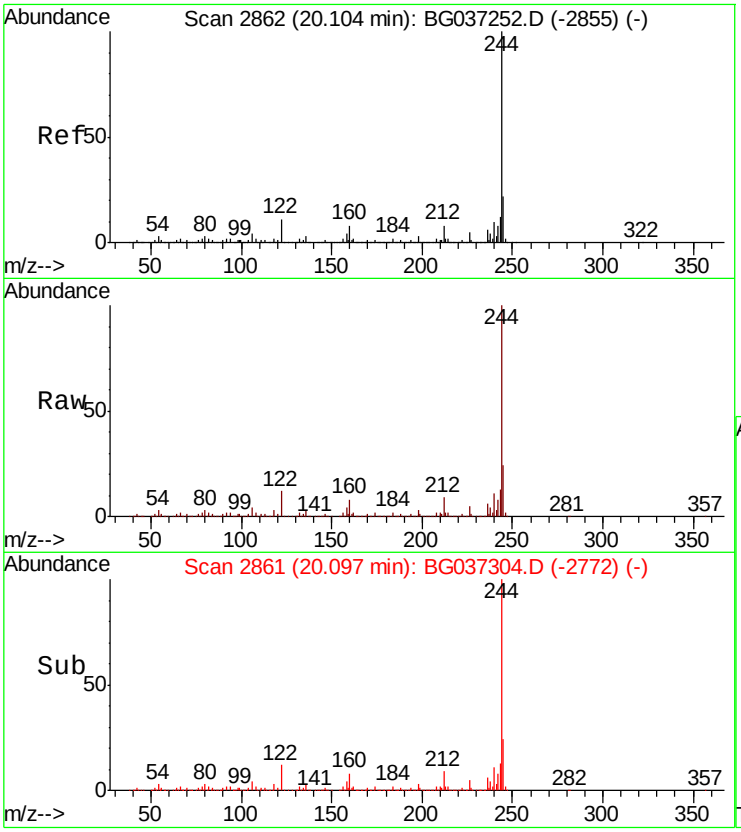


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:240 Resp: 386415

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.1	21.4	32.0



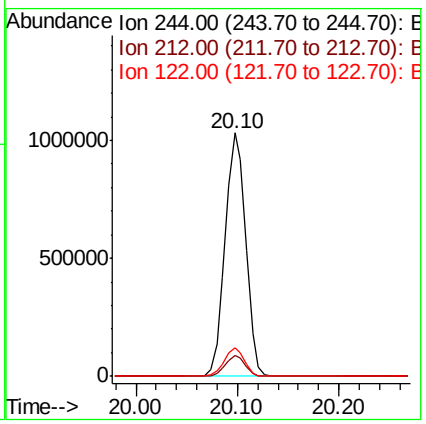


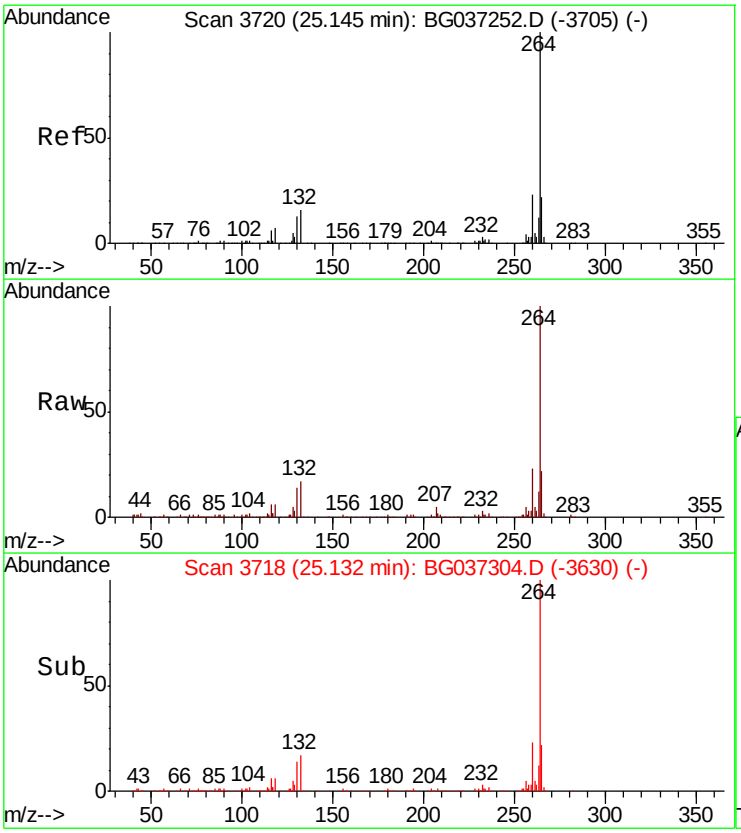
#79
Terphenyl-d14
Concen: 79.014 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:244 Resp: 1454085

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:264 Resp: 390325

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.3	17.9	26.9