Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037301.D
Acq On : 12 Oct 2018 21:36
Operator : JU/SJ
Sample : J5193-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-01-101118

Quant Time: Oct 13 00:17:18 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	56745	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	233808	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	154148	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	406936	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	392625	20.00	ng		-0.01
87) Perylene-d12	25.13	264	400112	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	376754	116.85	ng		0.00
7) Phenol-d6	7.25	99	493922	100.92	ng		0.00
23) Nitrobenzene-d5	9.29	82	334854	94.16	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	210333	139.13	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	786256	76.60	ng		0.00
79) Terphenyl-d14	20.10	244	1468785	78.55	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	41671	11.246	ng	#	78
26) 2-Nitrophenol	10.53	139	56	2.193	ng	#	34
48) 2-Nitroaniline	13.69	65	61	5.776	ng	#	7
51) 2,6-Dinitrotoluene	14.75	165	20484	12.643	ng	#	24
57) 2,4-Dinitrotoluene	14.75	165	20484	11.446	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.23	198	546	6.321	ng		98
67) 4-Bromophenyl-phenylether	16.24	248	16221	3.693	ng	#	1

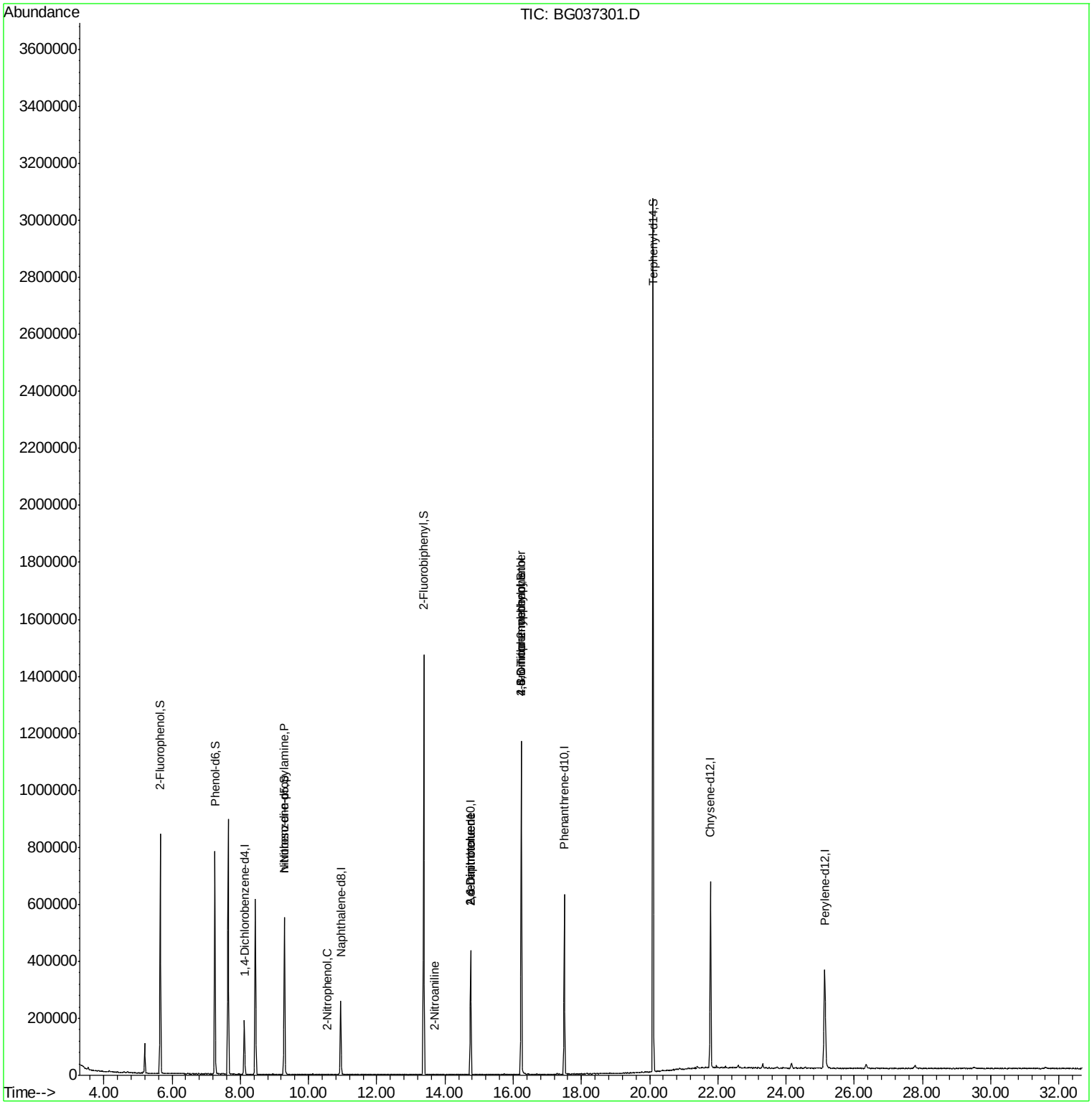
(#) = qualifier out of range (m) = manual integration (+) = signals summed

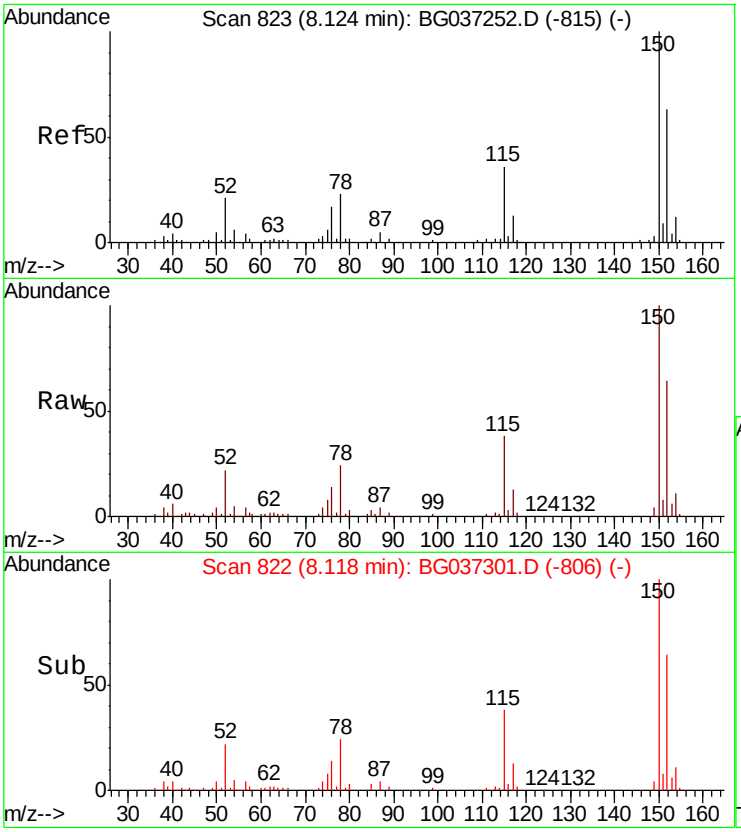
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037301.D
Acq On : 12 Oct 2018 21:36
Operator : JU/SJ
Sample : J5193-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-01-101118

Quant Time: Oct 13 00:17:18 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



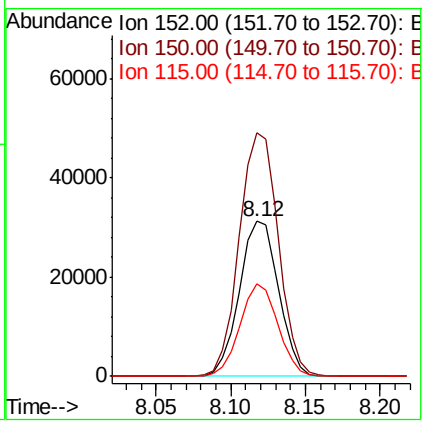


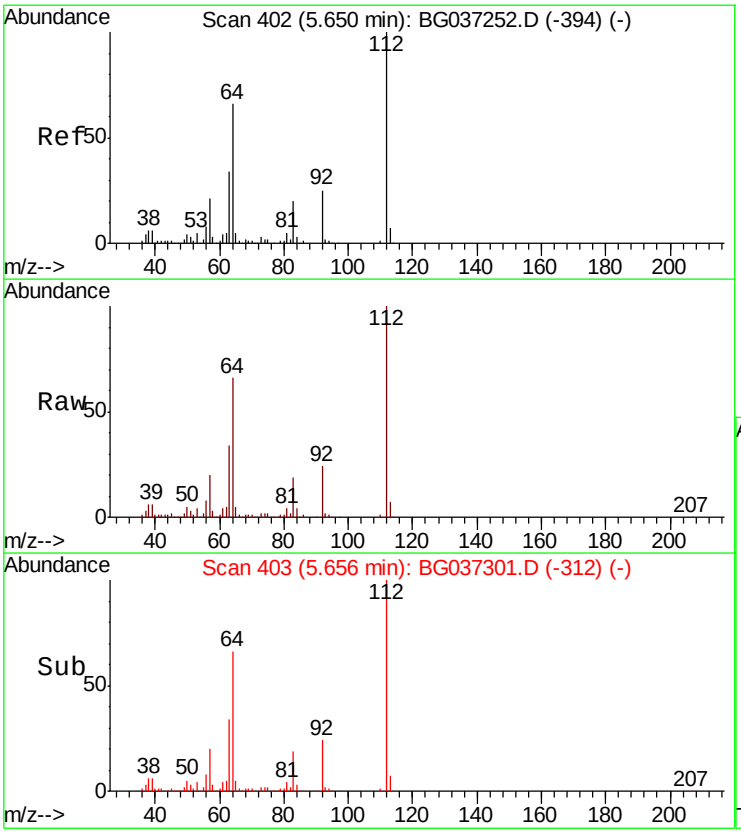
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:152 Resp: 56745

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.0	189.0
115	60.0	45.5	68.3

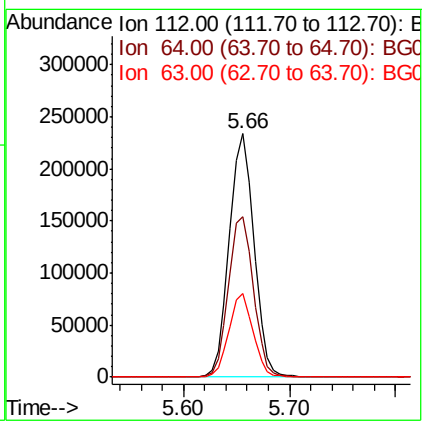


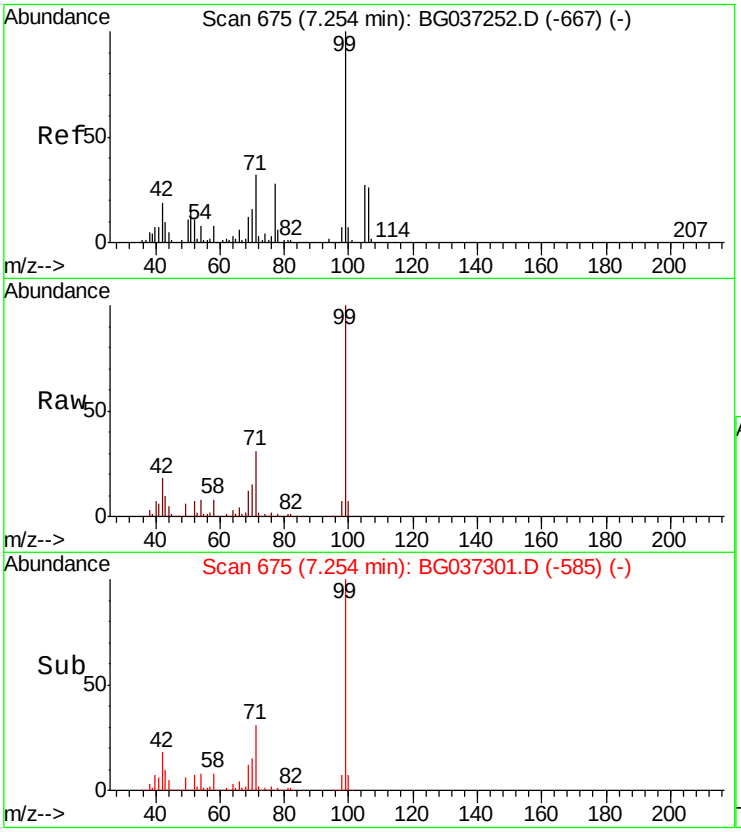


#5
2-Fluorophenol
Concen: 116.848 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:112 Resp: 376754

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	34.2	27.3	40.9



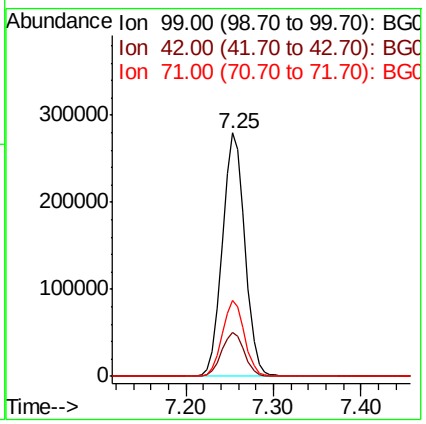


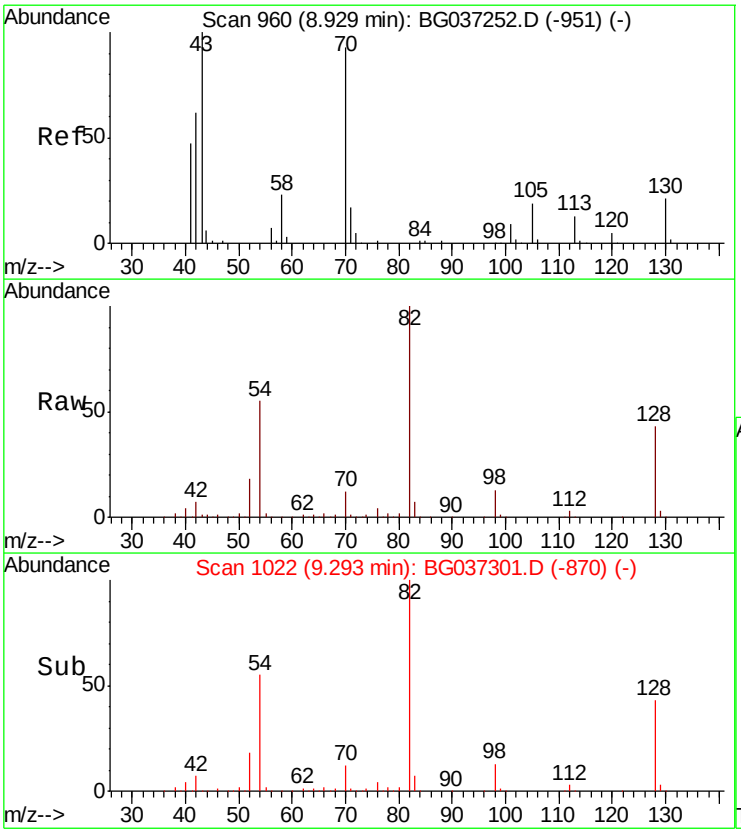
#7
Phenol-d6
Concen: 100.924 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion: 99 Resp: 493922

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	31.3	25.5	38.3

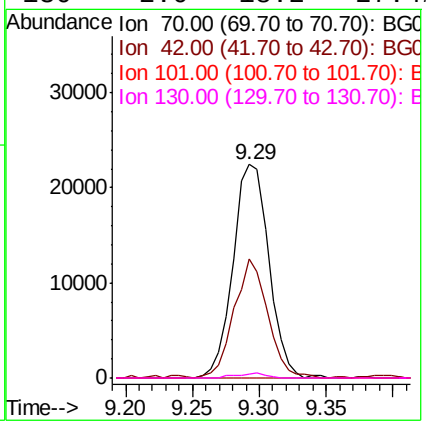


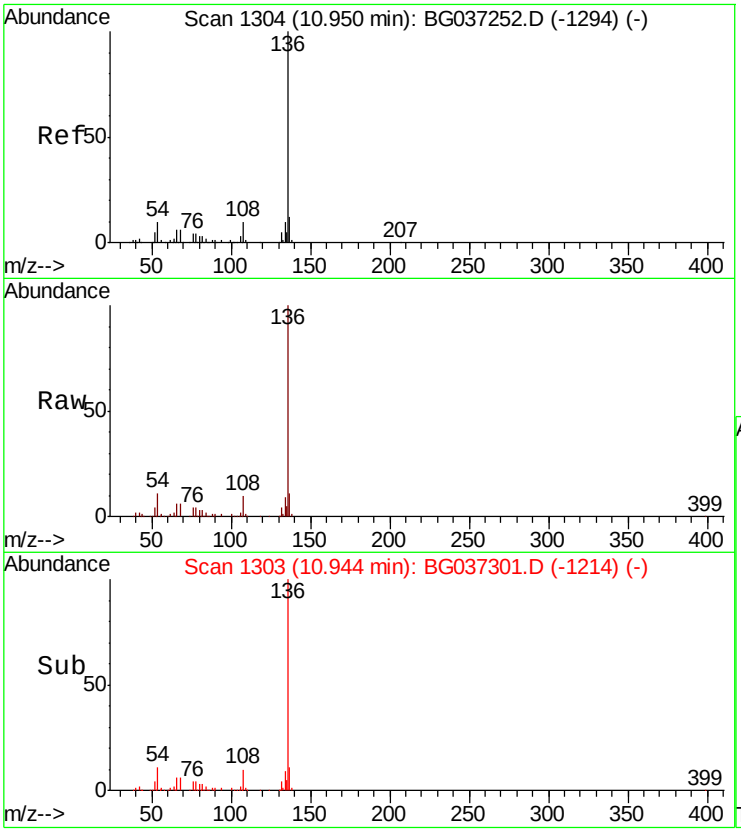


#19
n-Nitroso-di-n-propylamine
Concen: 11.246 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion: 70 Resp: 41671

Ion	Ratio	Lower	Upper
70	100		
42	56.0	53.9	80.9
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



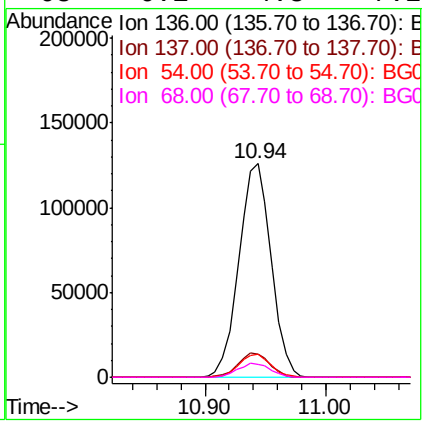


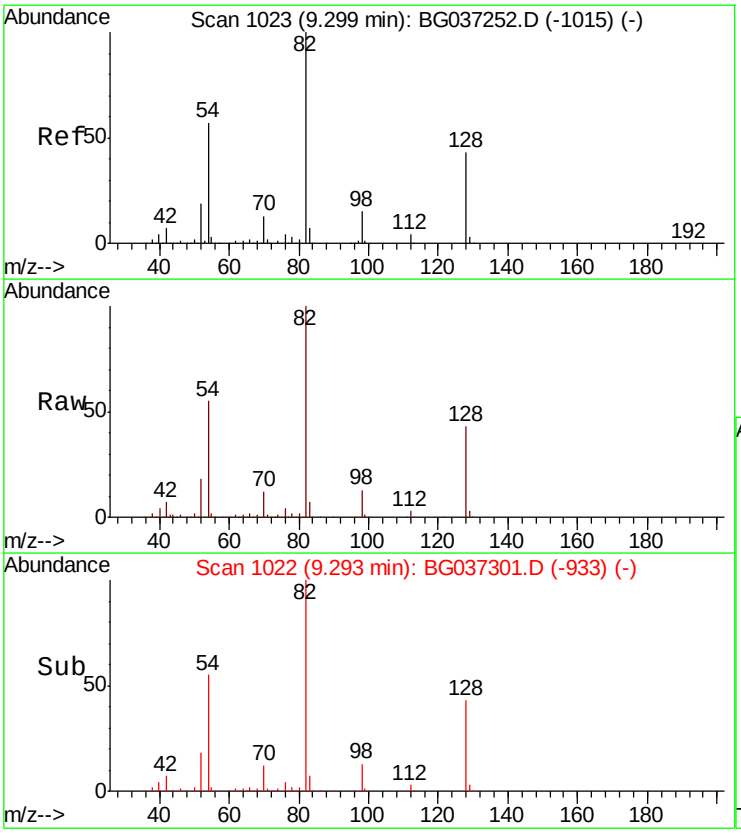
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:136 Resp: 233808

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.6	7.9	11.9
68	6.1	4.8	7.2

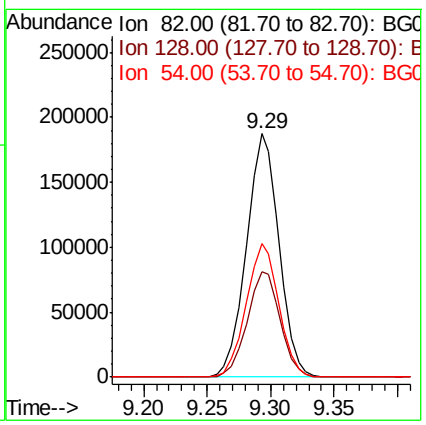


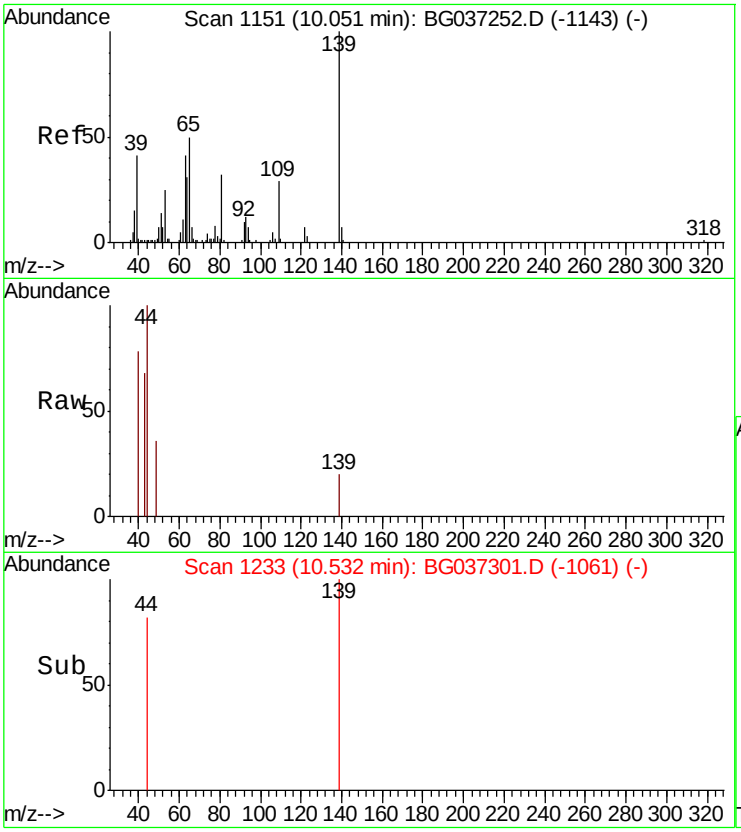


#23
Nitrobenzene-d5
Concen: 94.158 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion: 82 Resp: 334854

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	55.1	45.3	67.9



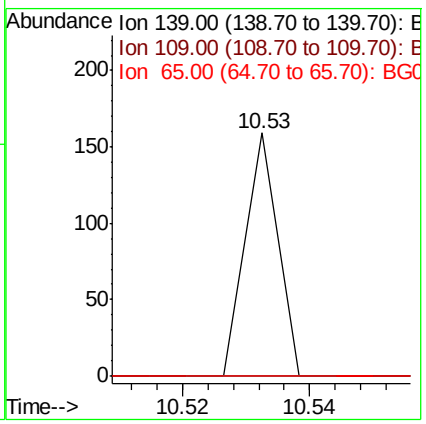


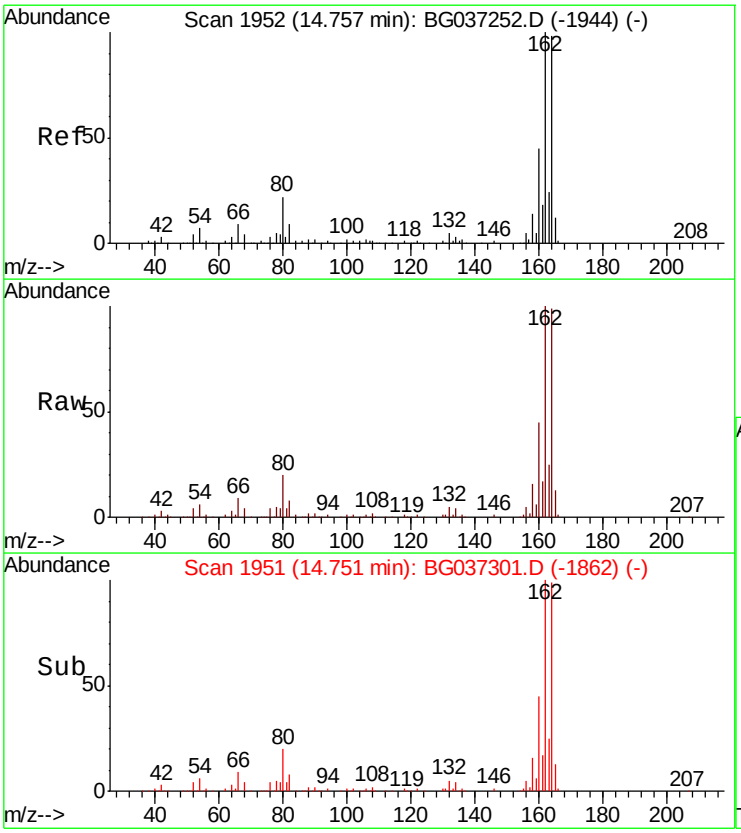
#26
2-Nitrophenol
Concen: 2.193 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.48 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:139 Resp: 56

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.3	34.9#
65	0.0	39.8	59.8#

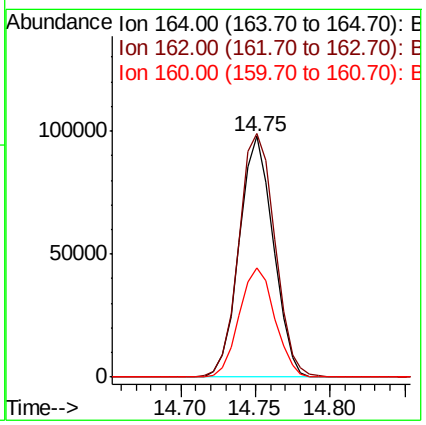


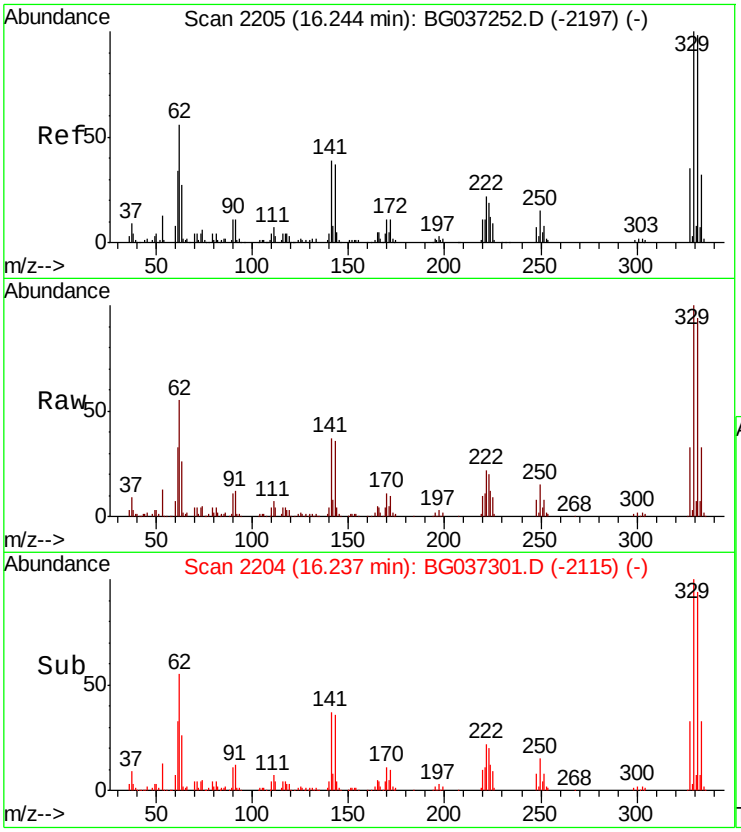


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:164 Resp: 154148

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	45.4	36.3	54.5



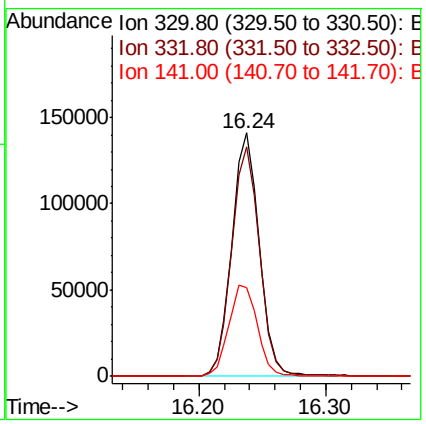


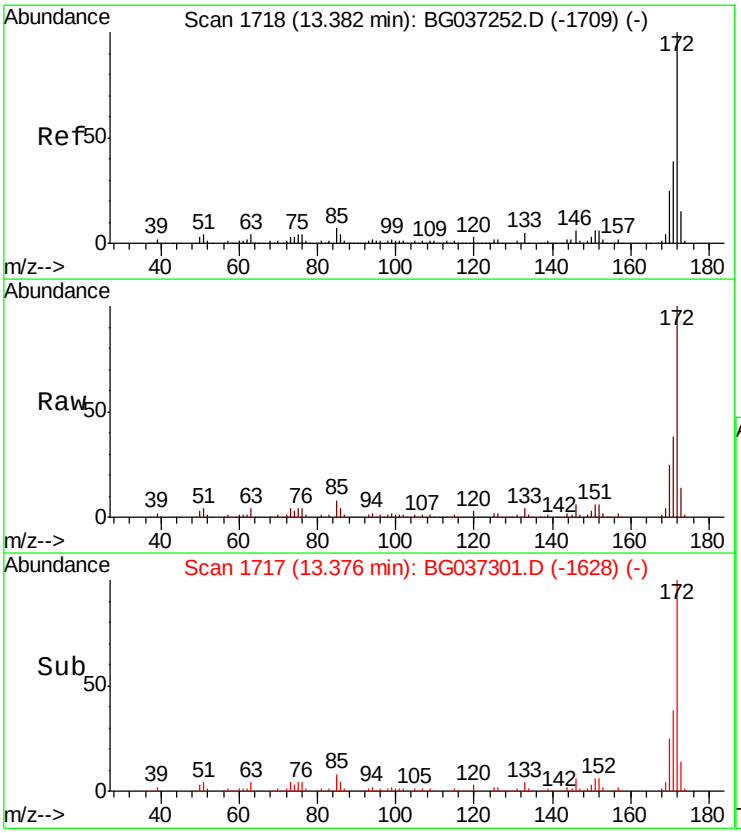
#42
2,4,6-Tribromophenol
Concen: 139.131 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:330 Resp: 210333

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	39.4	32.2	48.2

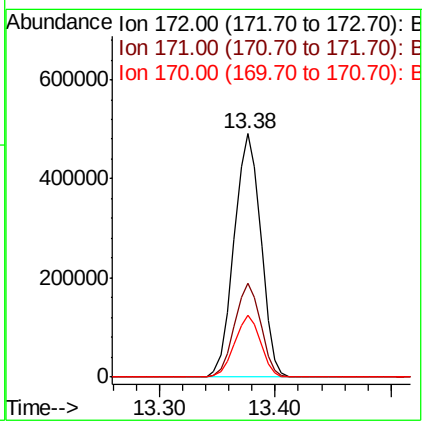


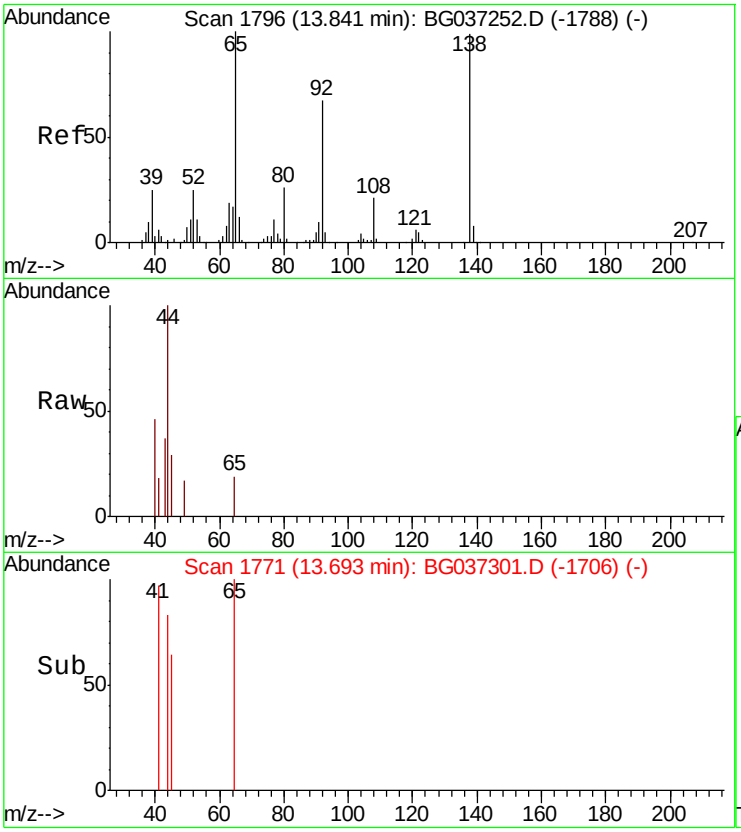


#45
2-Fluorobiphenyl
Concen: 76.600 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:172 Resp: 786256

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



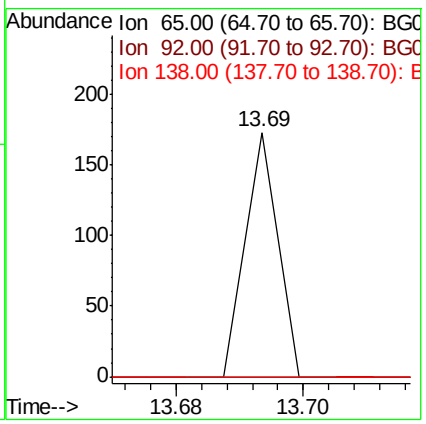


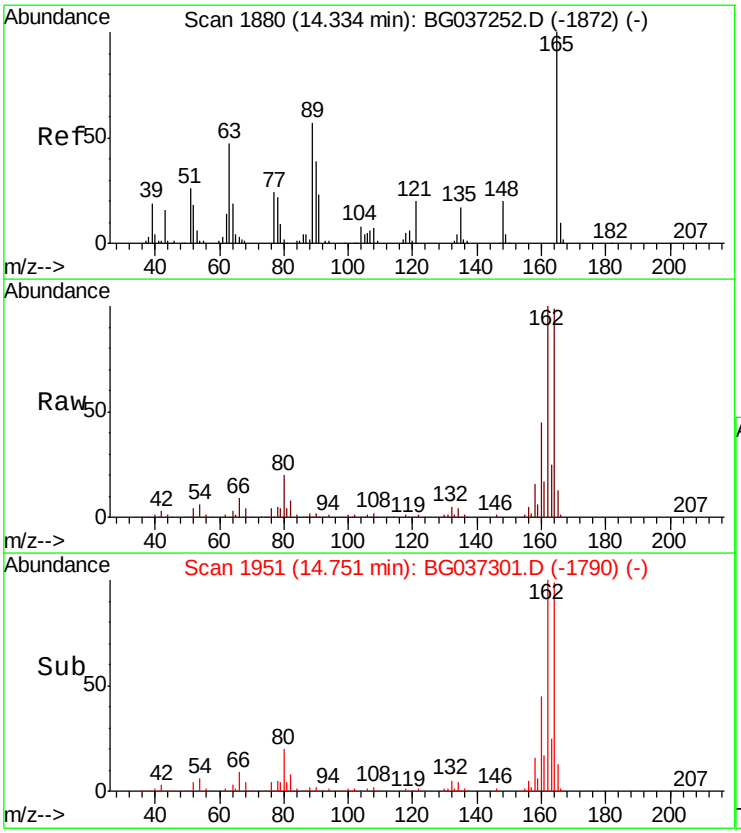
#48
2-Nitroaniline
Concen: 5.776 ng
RT: 13.69 min Scan# 1771
Delta R.T. -0.15 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion: 65 Resp: 61

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

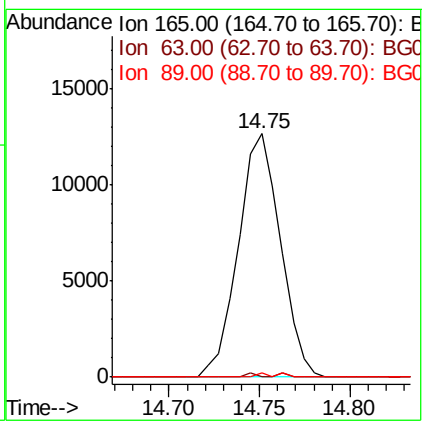


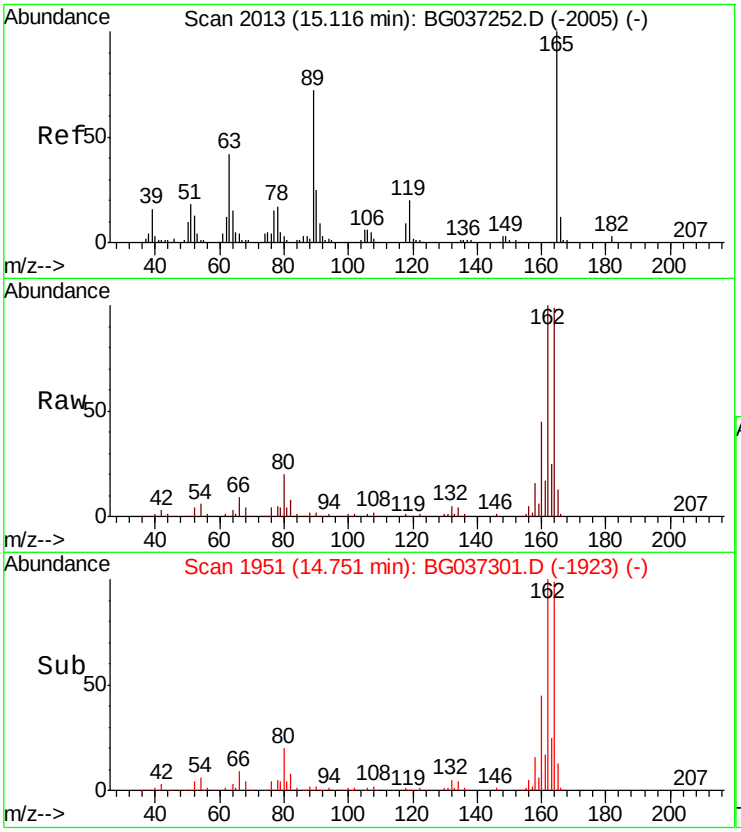


#51
2,6-Dinitrotoluene
Concen: 12.643 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.42 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:165 Resp: 20484

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.5	45.8	68.6#



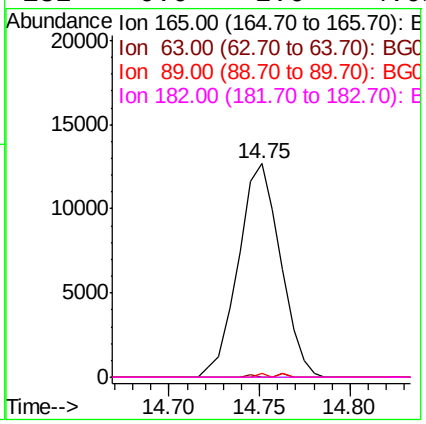


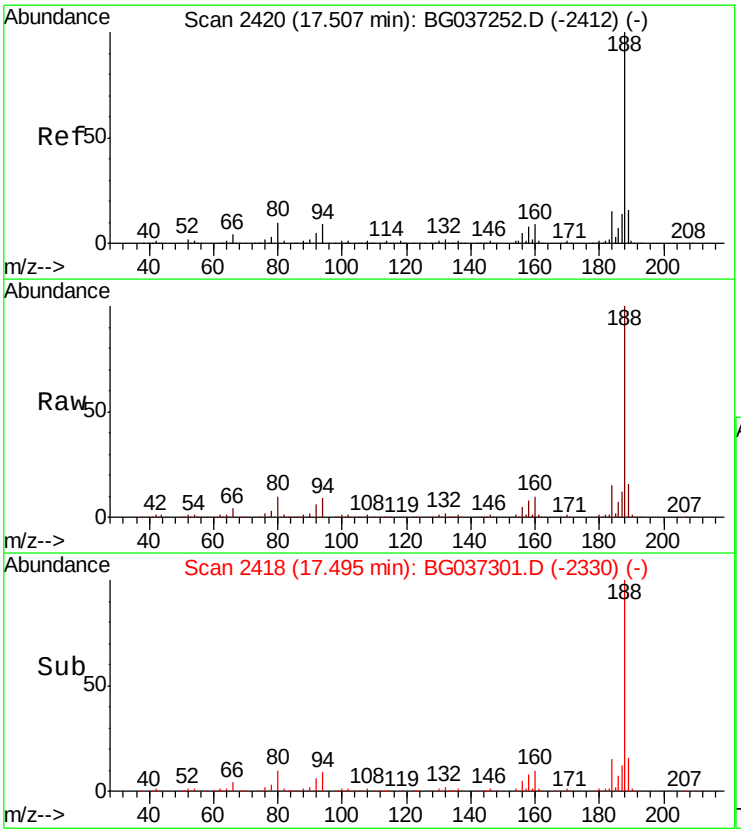
#57
2,4-Dinitrotoluene
Concen: 11.446 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:165 Resp: 20484

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

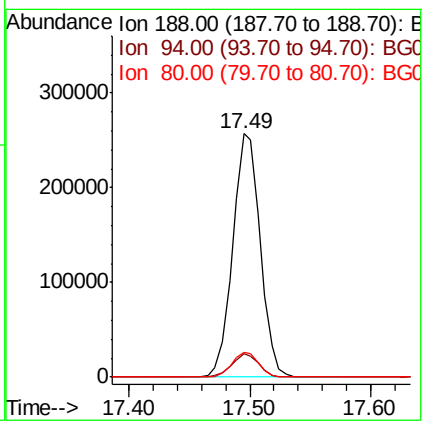


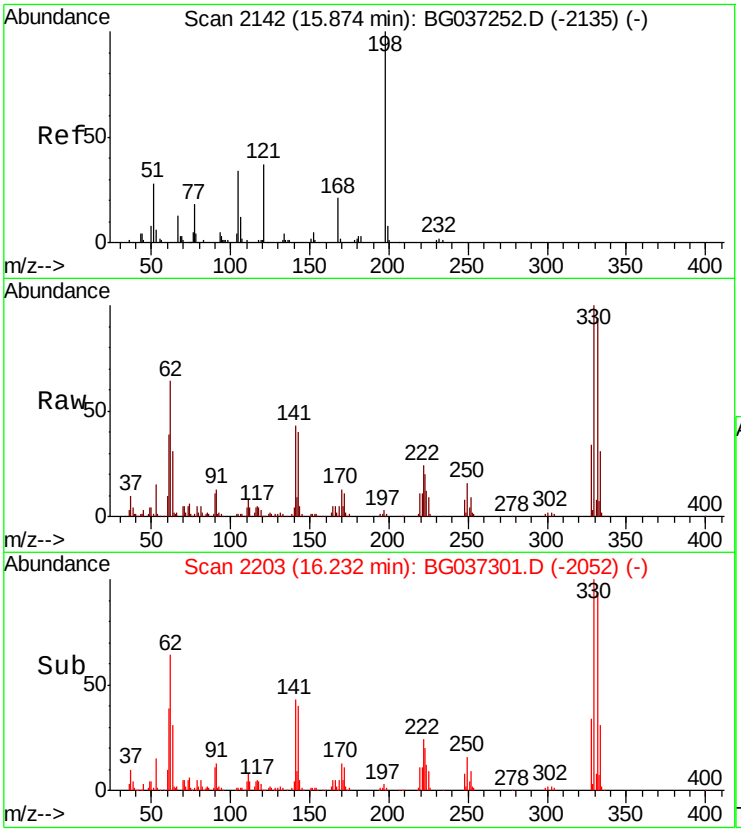


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:188 Resp: 406936

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.9	7.7	11.5



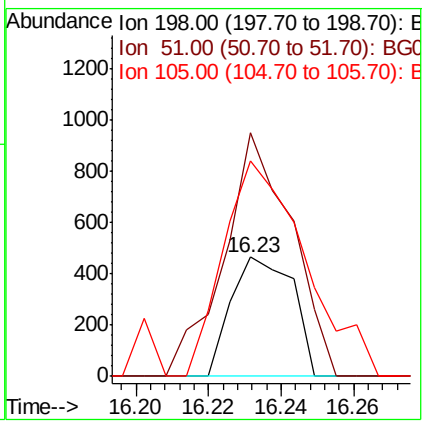


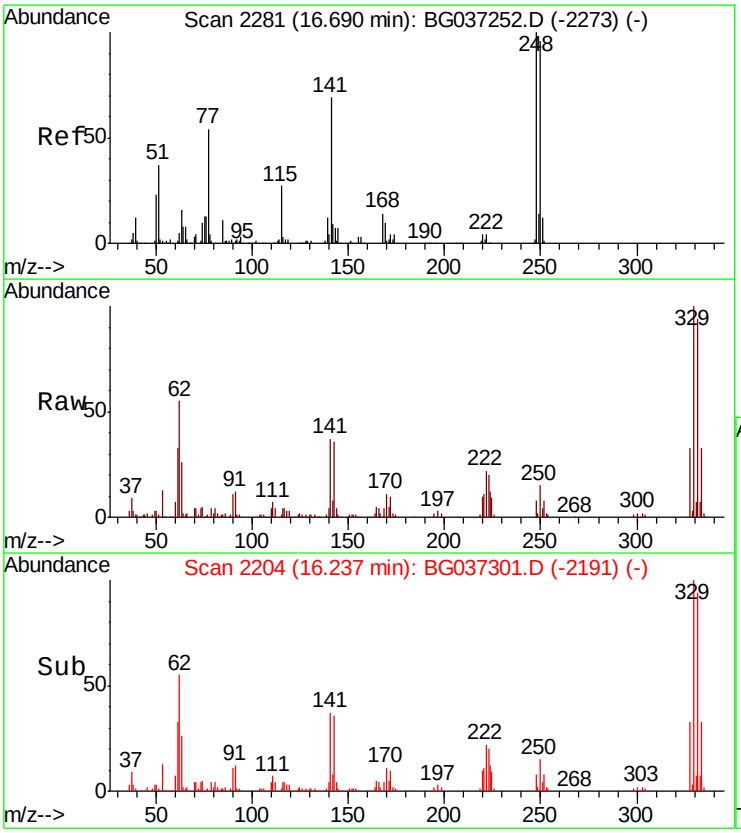
#65
4,6-Dinitro-2-methylphenol
Concen: 6.321 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:198 Resp: 546

Ion	Ratio	Lower	Upper
198	100		
51	42.7	22.7	62.7
105	37.7	19.7	59.7

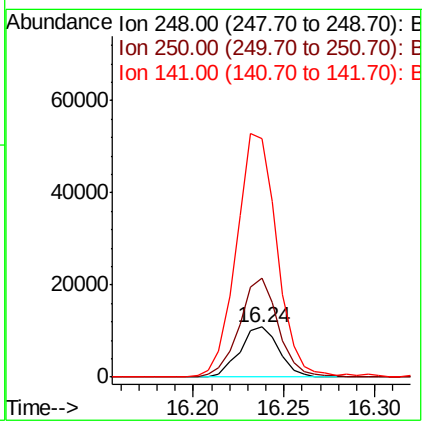


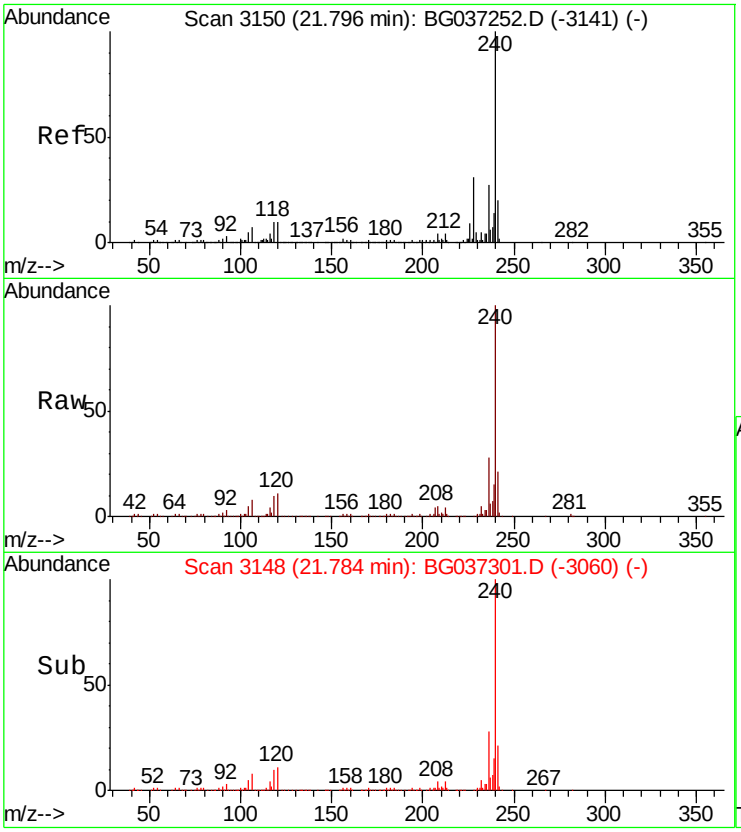


#67
4-Bromophenyl-phenylether
Concen: 3.693 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:248 Resp: 16221

Ion	Ratio	Lower	Upper
248	100		
250	192.8	77.0	115.6#
141	365.9	55.5	83.3#



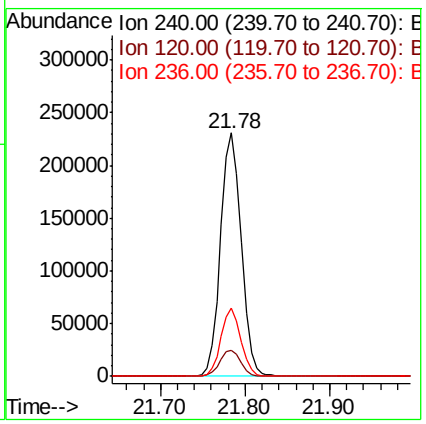


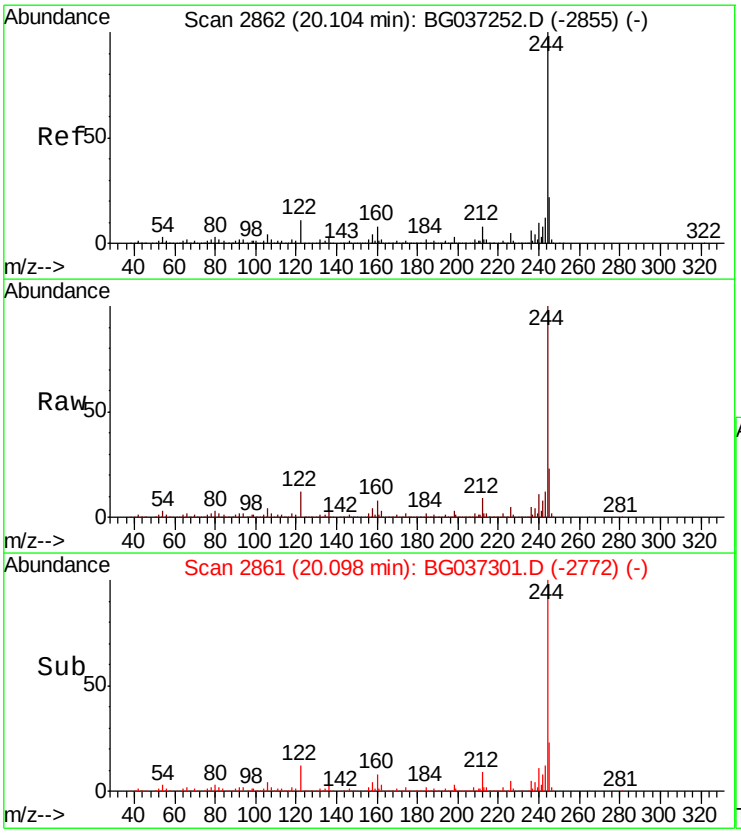
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:240 Resp: 392625

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.8	21.4	32.0

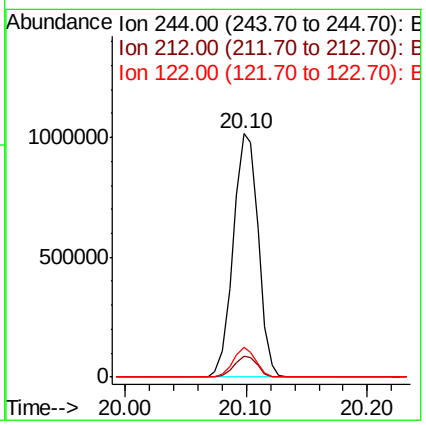


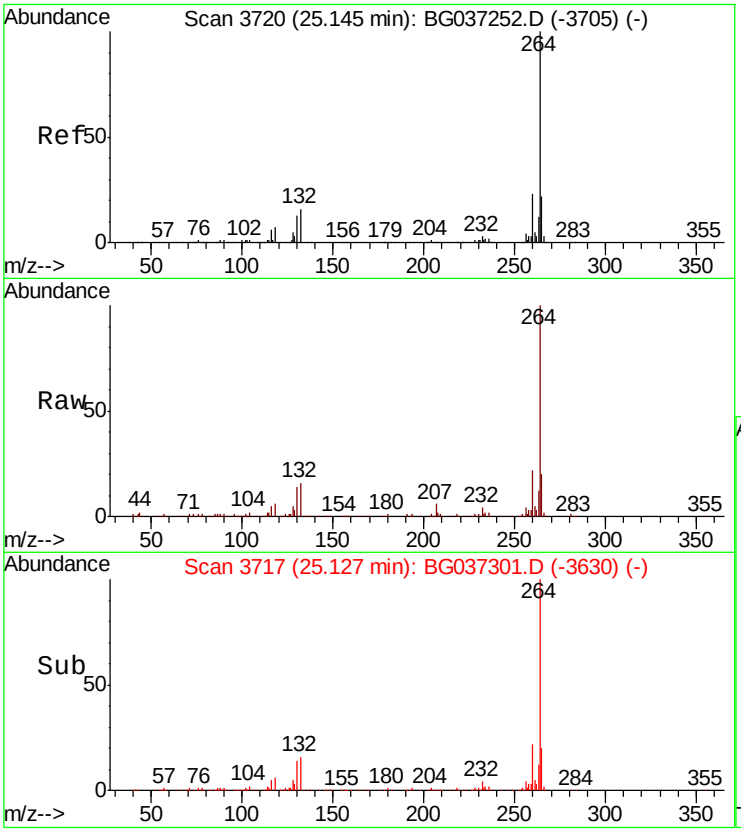


#79
Terphenyl-d14
Concen: 78.550 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:244 Resp: 1468785

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:264 Resp: 400112

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.2	17.9	26.9