Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
Data File : BG037670.D
Acq On : 31 Oct 2018 2:26
Operator : JU/SJ
Sample : J5194-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-102618-B

Quant Time: Oct 31 08:04:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56500	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	243767	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163661	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	382636	20.00	ng	0.00
76) Chrysene-d12	21.76	240	351325	20.00	ng	-0.01
87) Perylene-d12	25.10	264	301937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	374435	110.80	ng	0.00
7) Phenol-d6	7.24	99	513593	100.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	371038	85.27	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	198995	111.48	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	909857	83.83	ng	0.00
79) Terphenyl-d14	20.08	244	1350736	82.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	47048	13.370	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	21613	7.716	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21613	5.878	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	847	8.855	ng	96
67) 4-Bromophenyl-phenylether	16.22	248	13568	3.229	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
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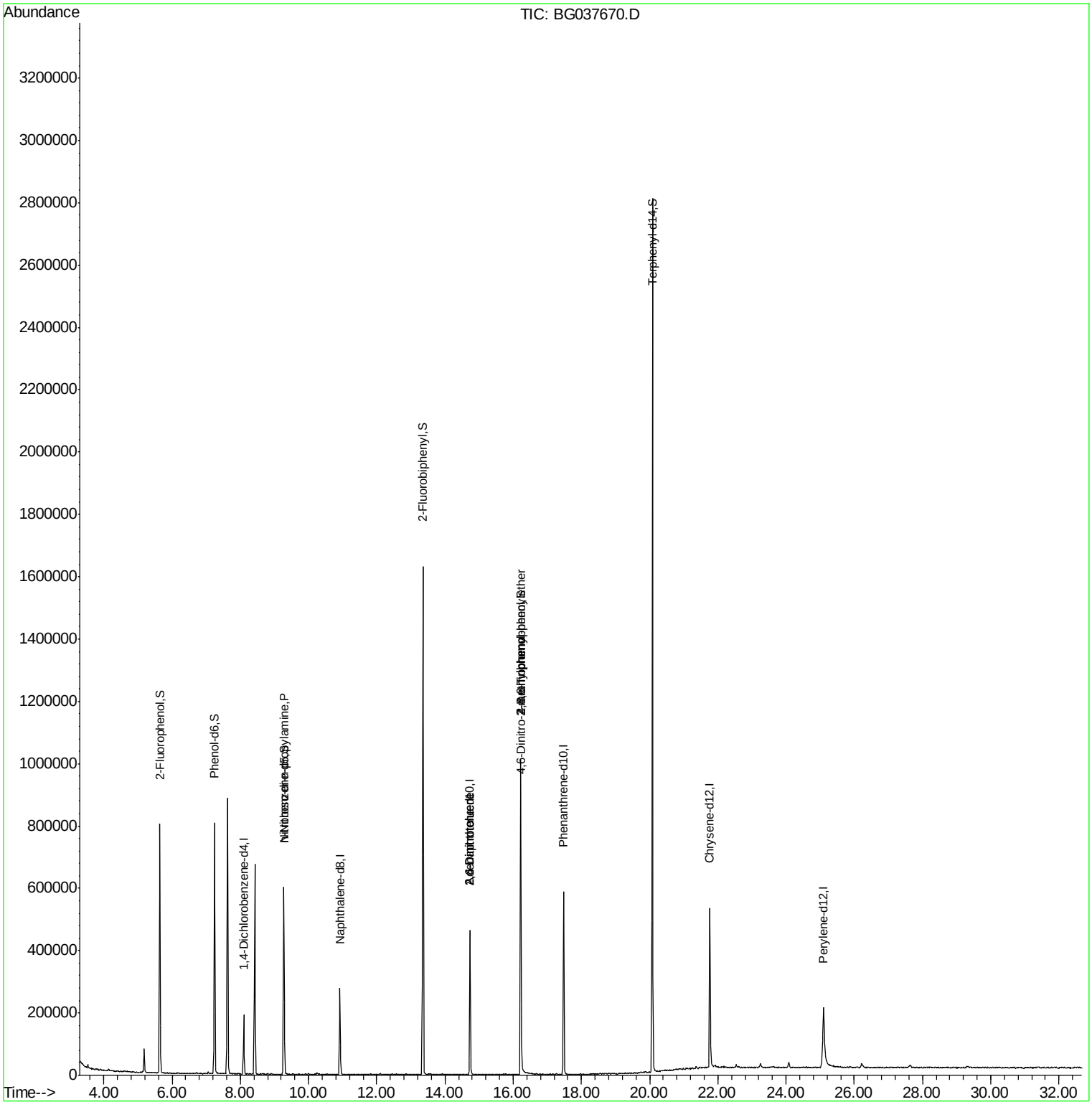
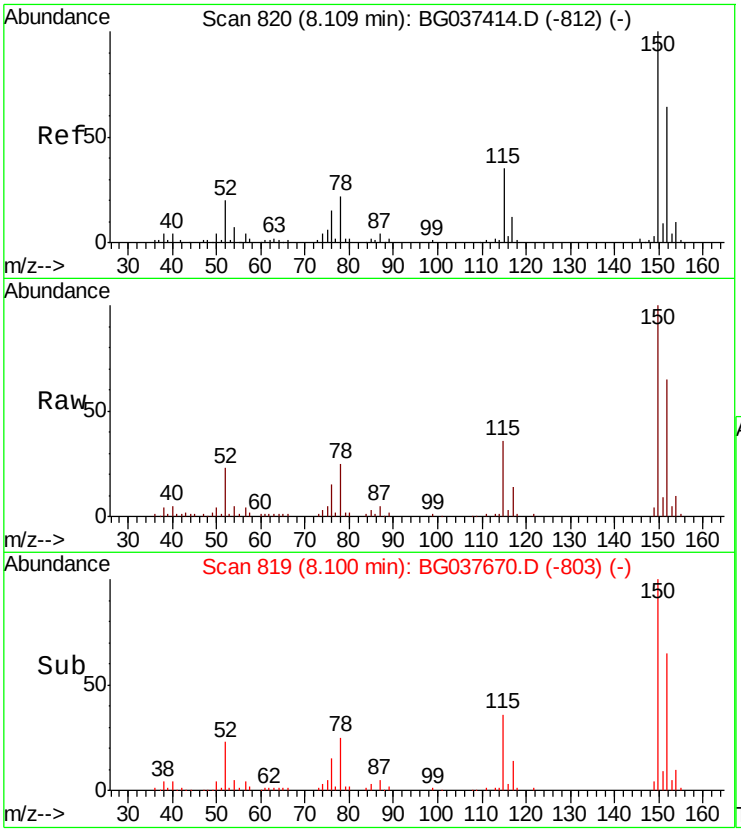


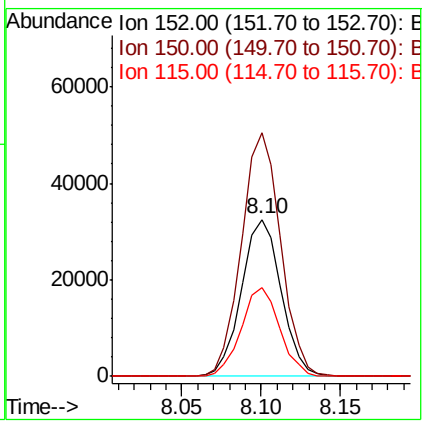


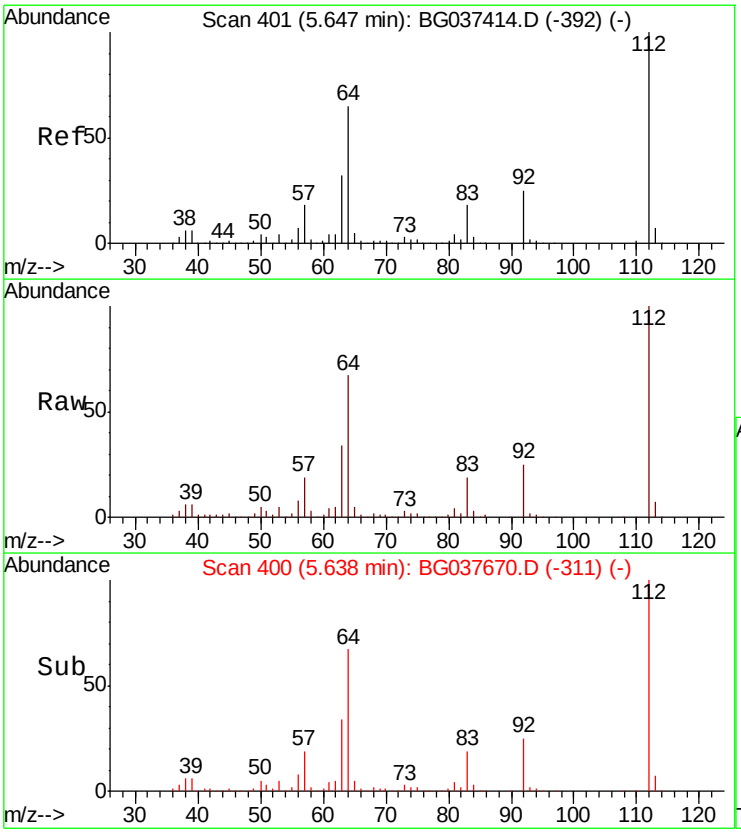
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:152 Resp: 56500

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.0	189.0
115	56.2	45.5	68.3

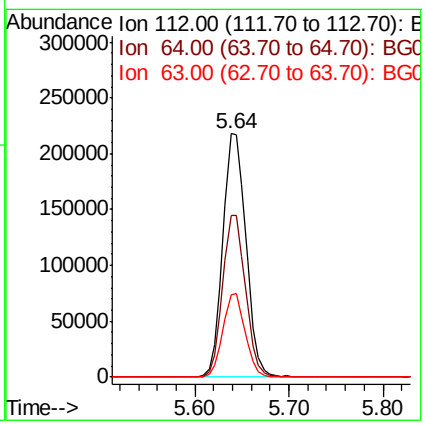


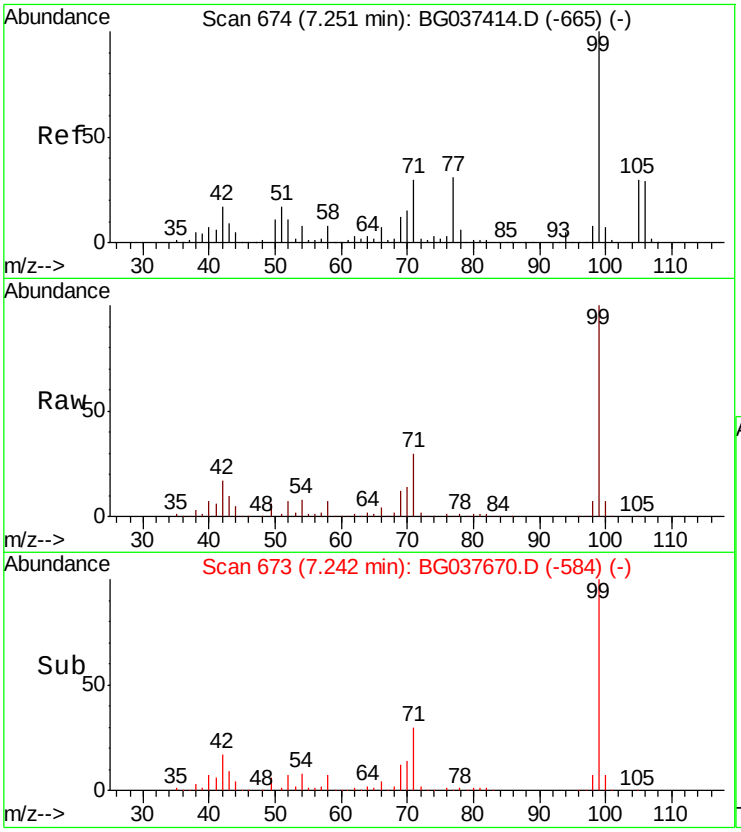


#5
2-Fluorophenol
Concen: 110.797 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:112 Resp: 374435

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.6	27.3	40.9



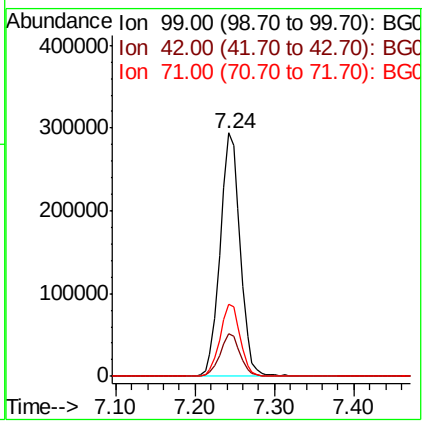


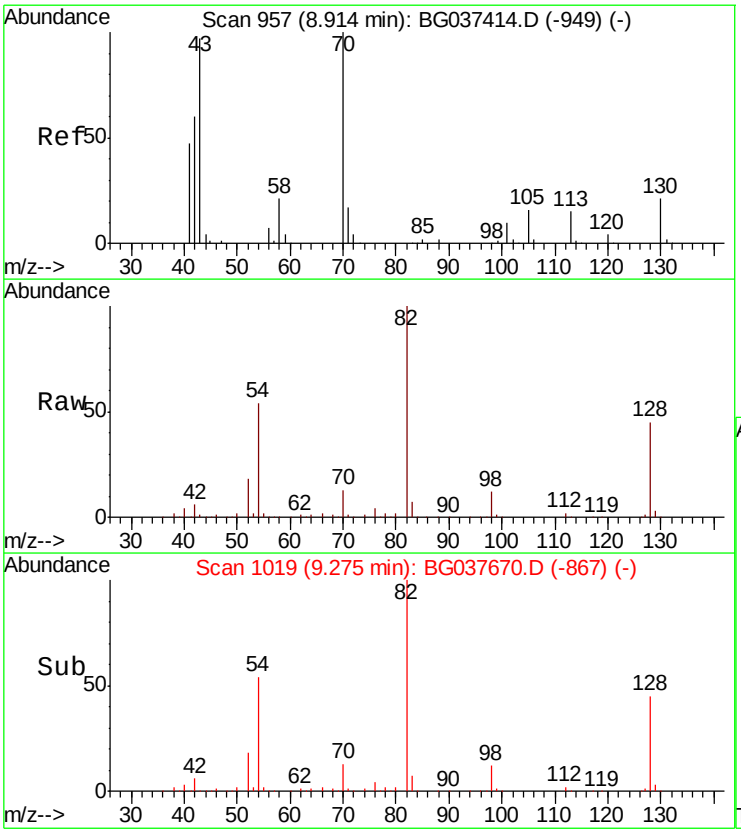
#7
Phenol-d6
Concen: 100.503 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion: 99 Resp: 513593

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	29.8	25.5	38.3

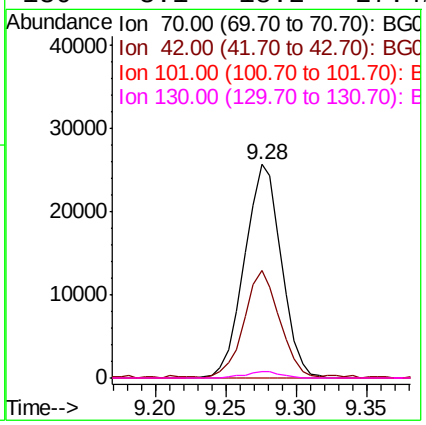


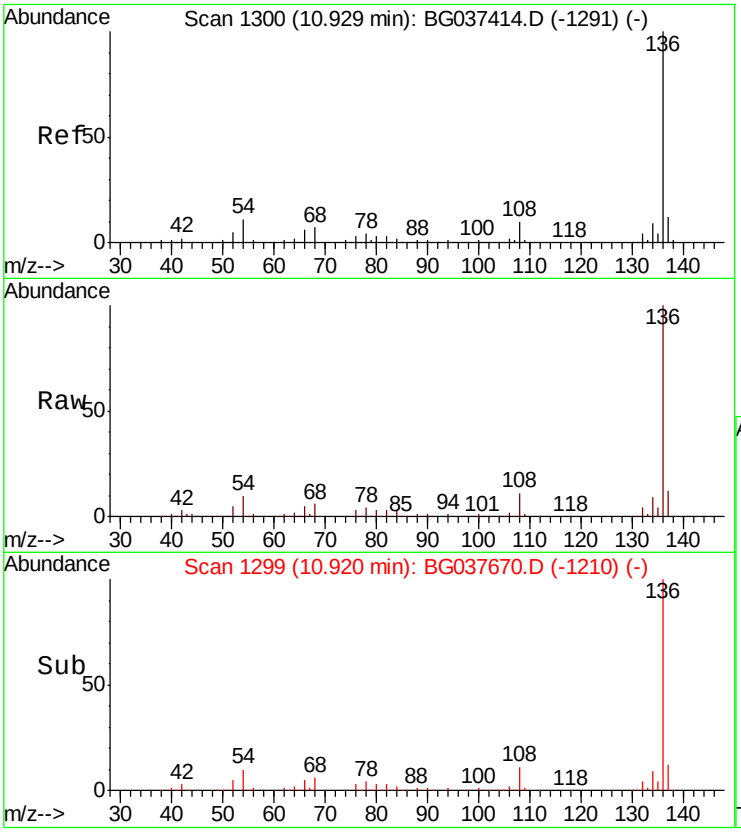


#19
n-Nitroso-di-n-propylamine
Concen: 13.370 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion: 70 Resp: 47048

Ion	Ratio	Lower	Upper
70	100		
42	50.4	53.9	80.9#
101	0.0	8.2	12.2#
130	3.1	18.2	27.4#



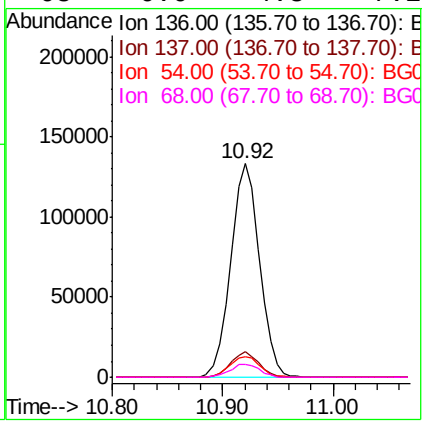


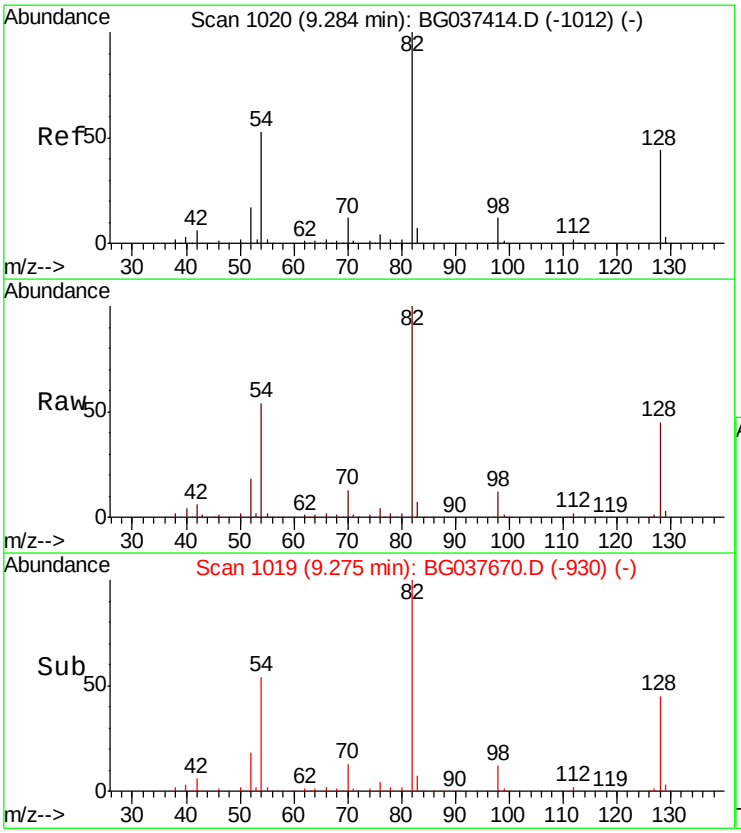
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:136 Resp: 243767

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.9	7.9	11.9
68	6.0	4.8	7.2

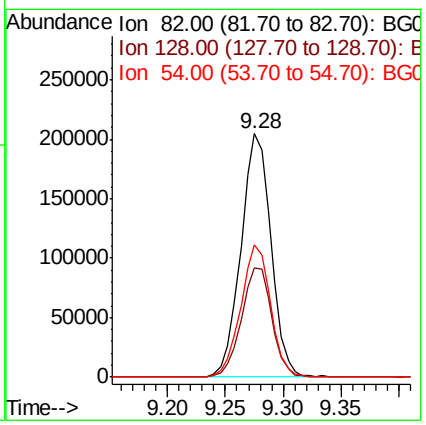


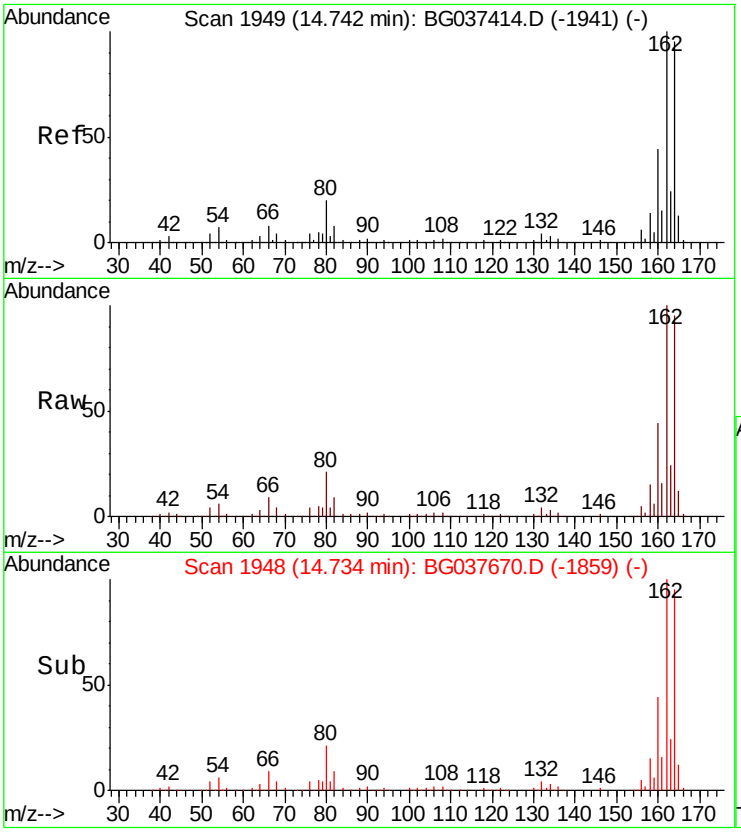


#23
Nitrobenzene-d5
Concen: 85.267 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion: 82 Resp: 371038

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	54.2	45.3	67.9



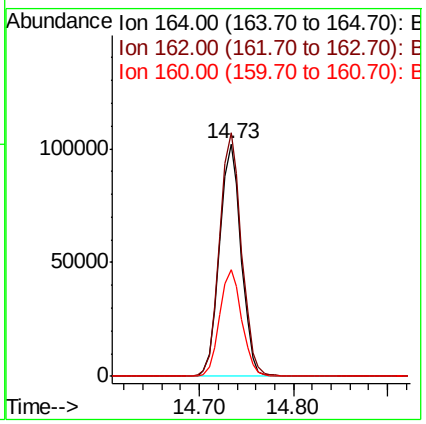


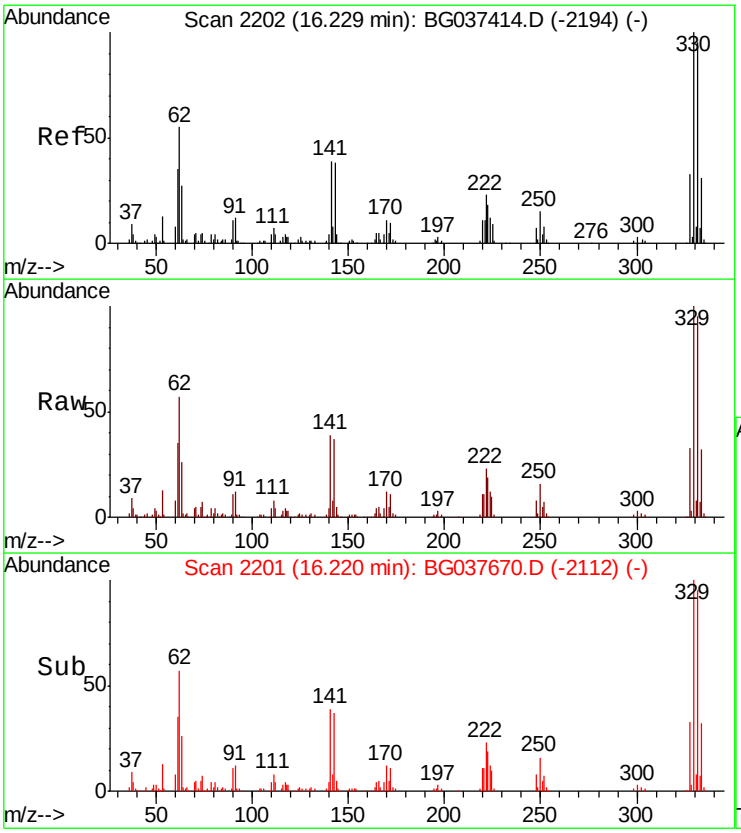
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:164 Resp: 163661

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.3	121.9
160	45.7	36.3	54.5

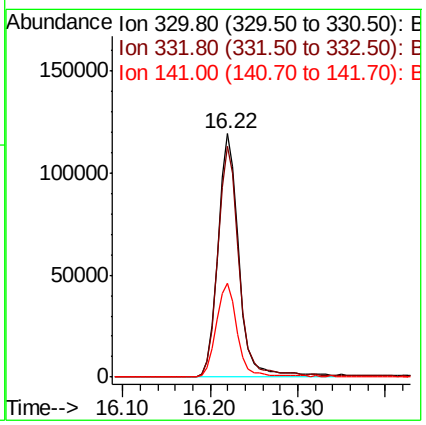


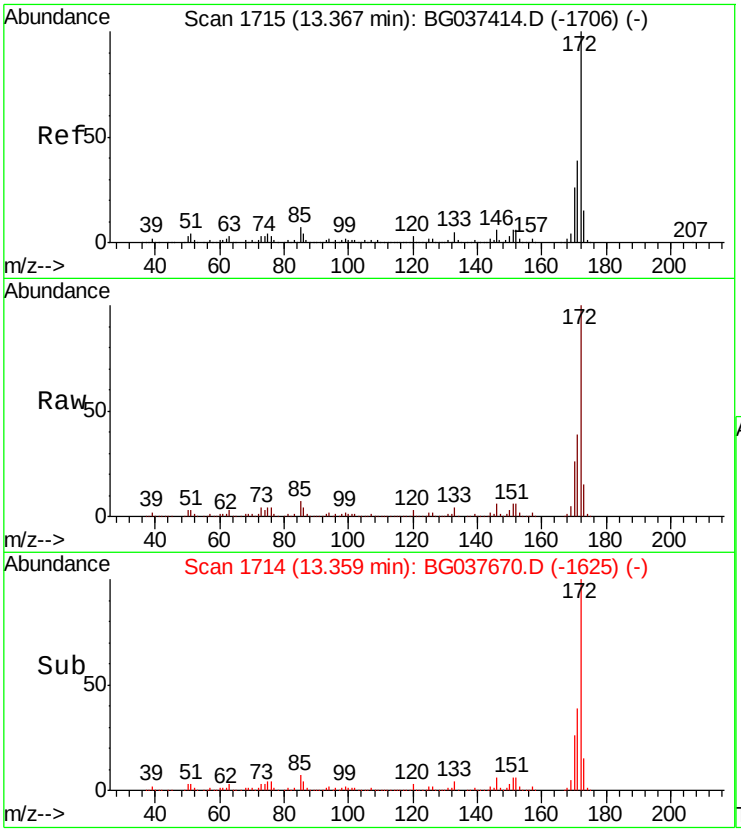


#42
2,4,6-Tribromophenol
Concen: 111.480 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:330 Resp: 198995

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	38.8	32.2	48.2



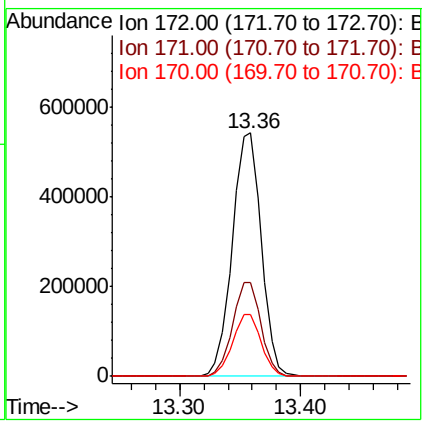


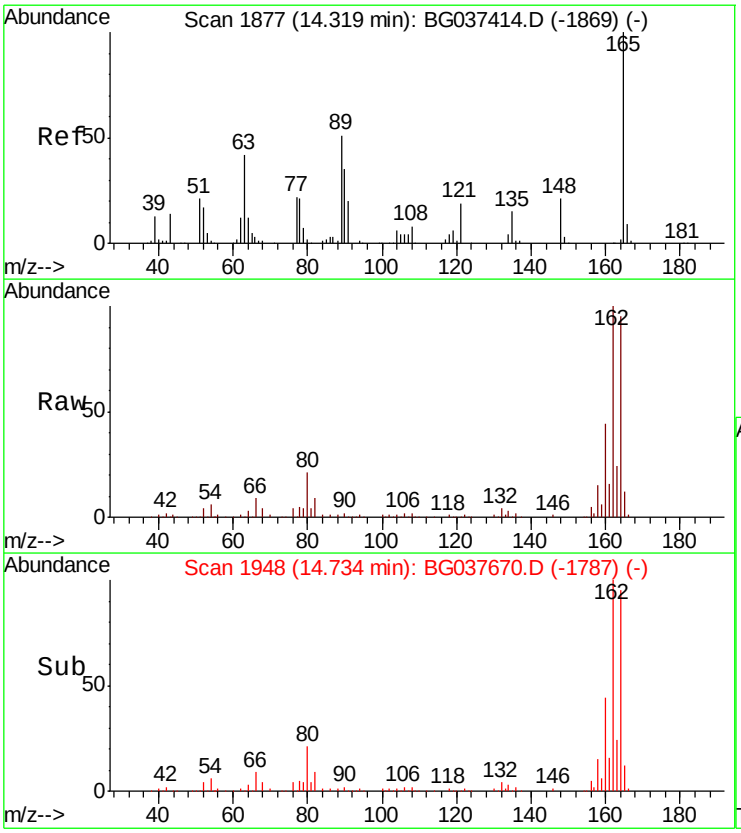
#45
2-Fluorobiphenyl
Concen: 83.833 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:172 Resp: 909857

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.6	20.2	30.2

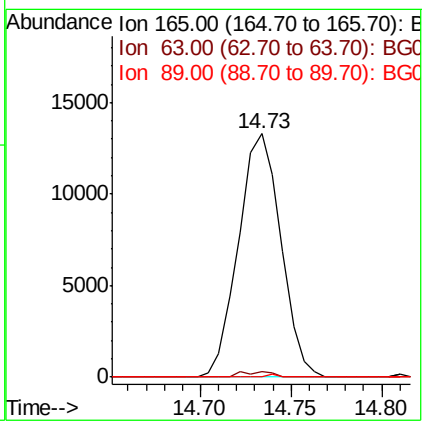


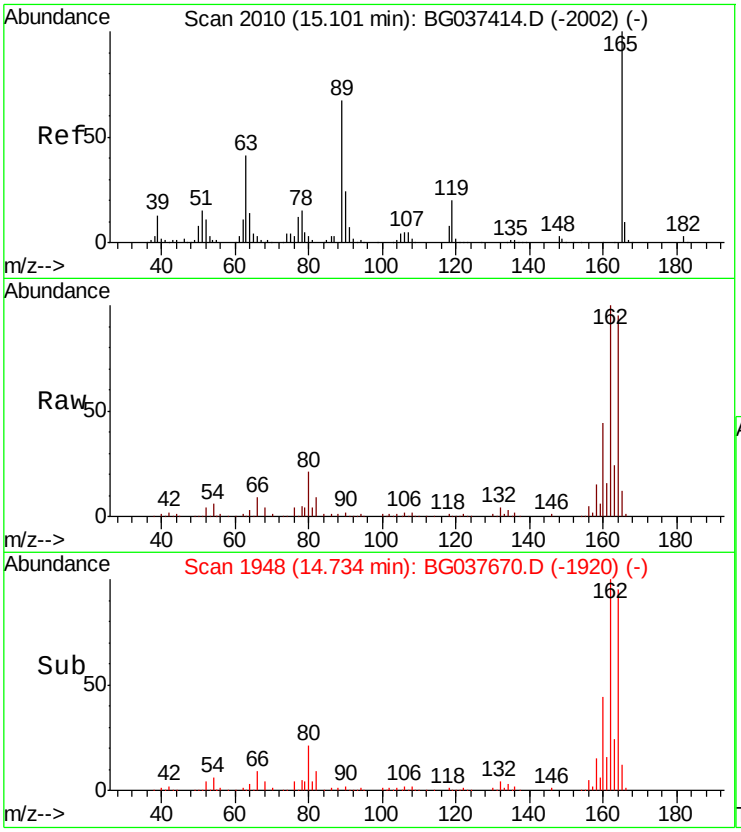


#51
2,6-Dinitrotoluene
Concen: 7.716 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:165 Resp: 21613

Ion	Ratio	Lower	Upper
165	100		
63	2.2	43.4	65.2#
89	0.0	45.8	68.6#



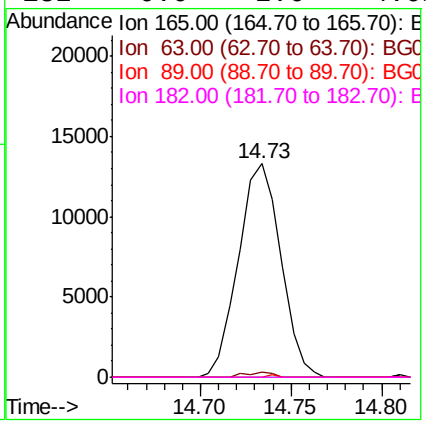


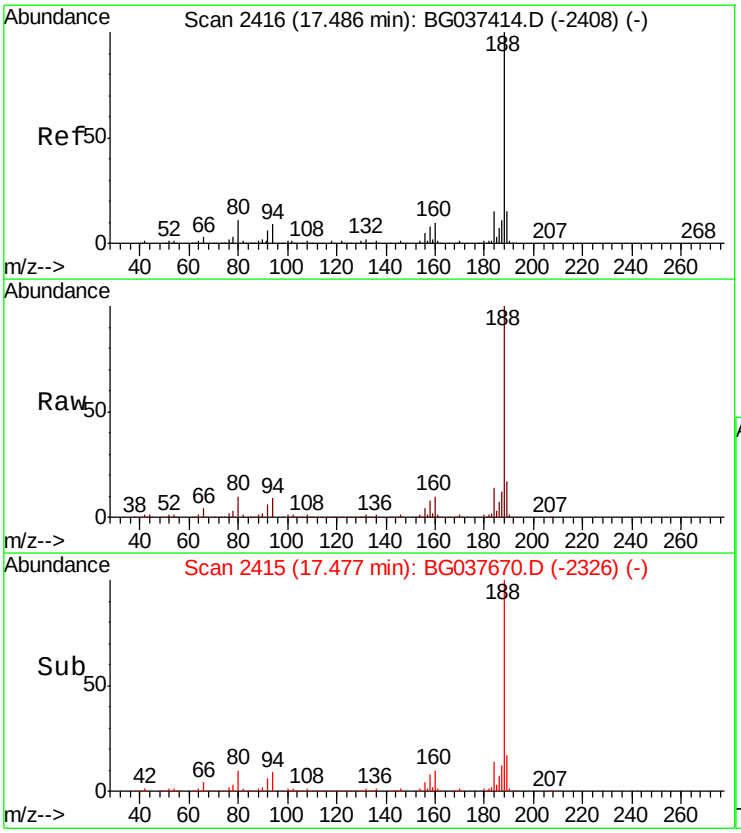
#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:165 Resp: 21613

Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

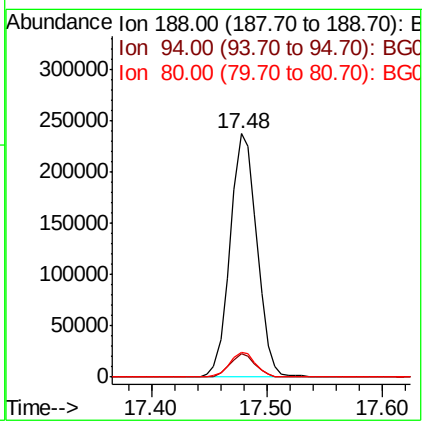


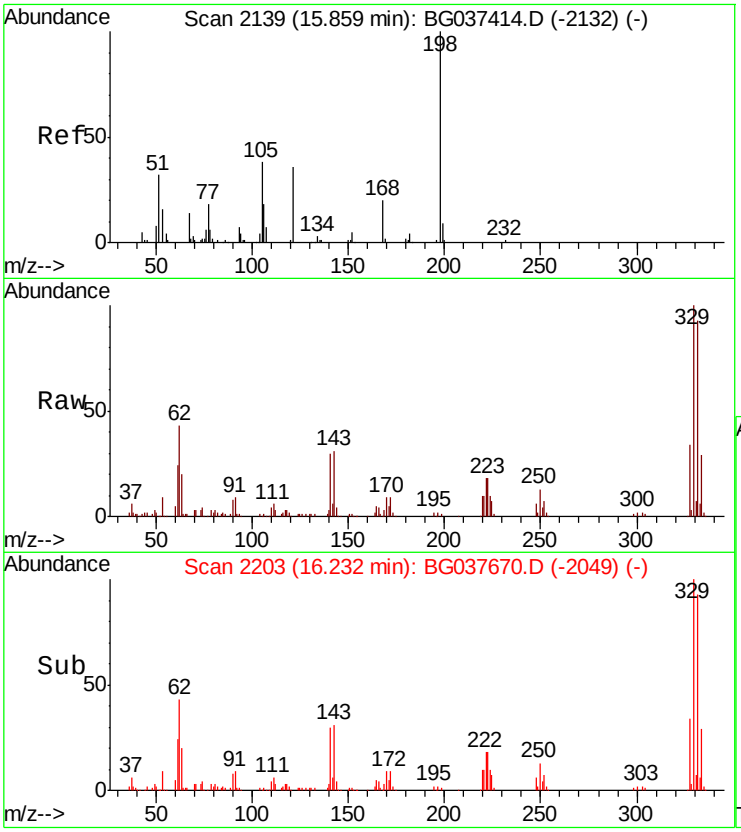


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:188 Resp: 382636

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5



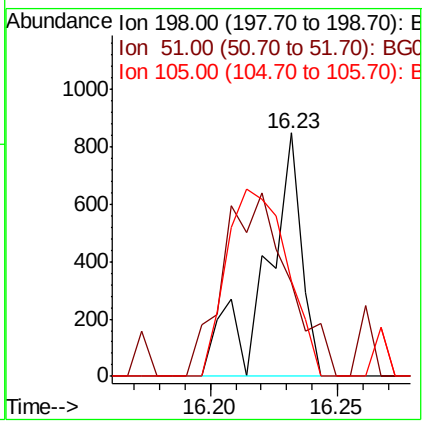


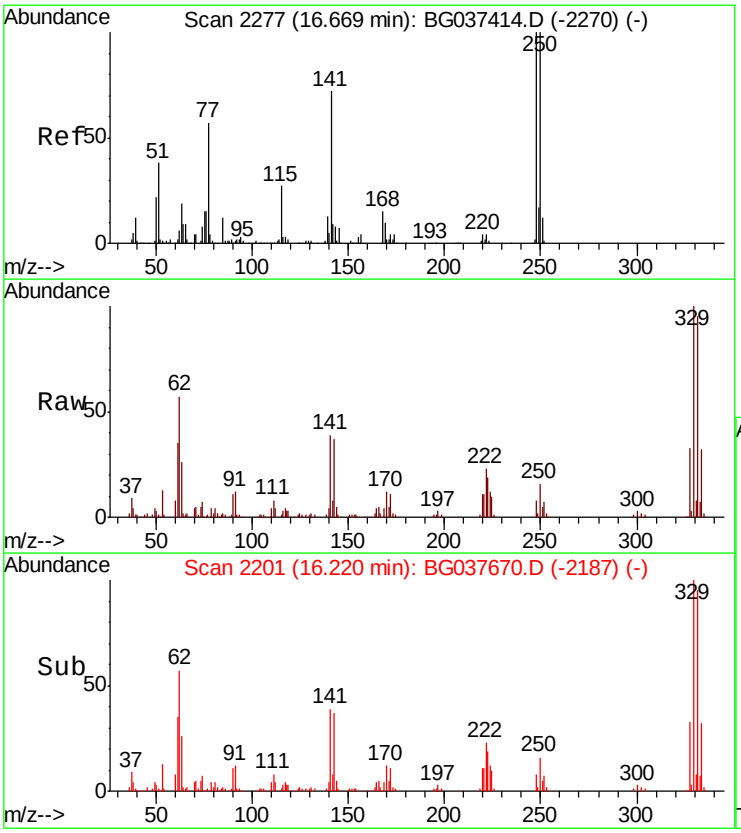
#65
4,6-Dinitro-2-methylphenol
Concen: 8.855 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.37 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:198 Resp: 847

Ion	Ratio	Lower	Upper
198	100		
51	38.4	22.7	62.7
105	38.9	19.7	59.7

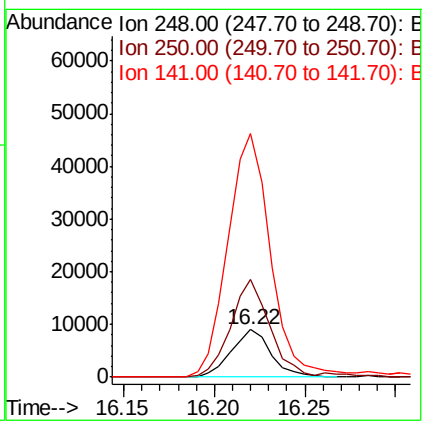


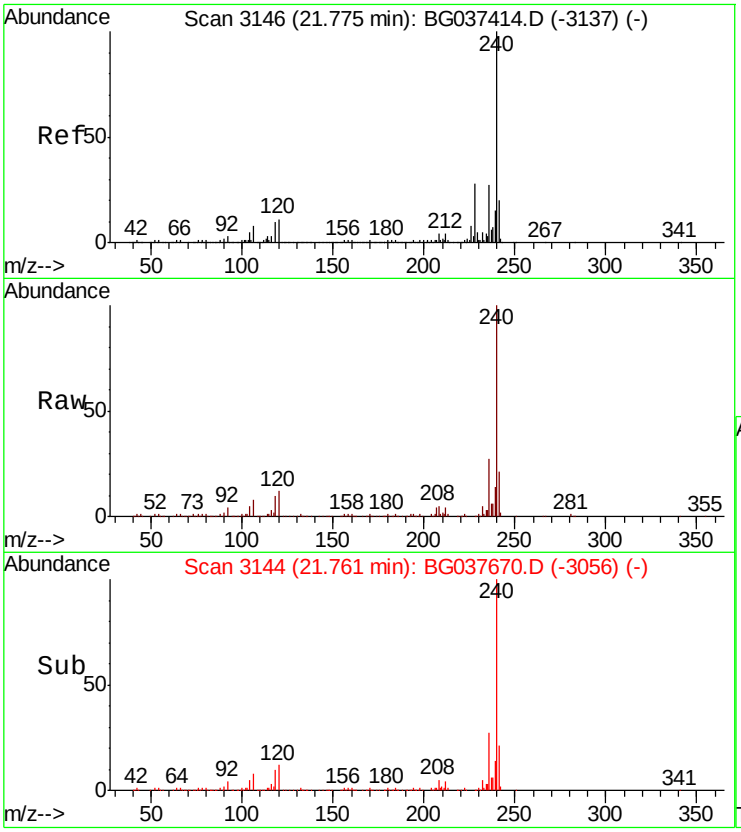


#67
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:248 Resp: 13568

Ion	Ratio	Lower	Upper
248	100		
250	208.3	77.0	115.6#
141	390.5	55.5	83.3#



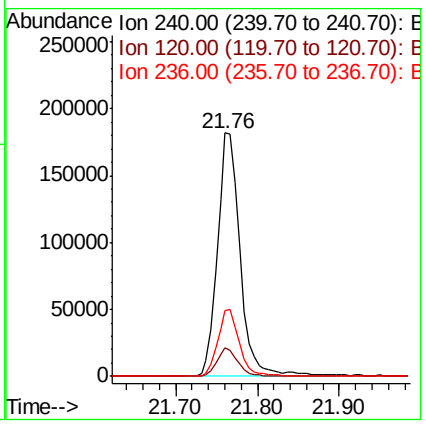


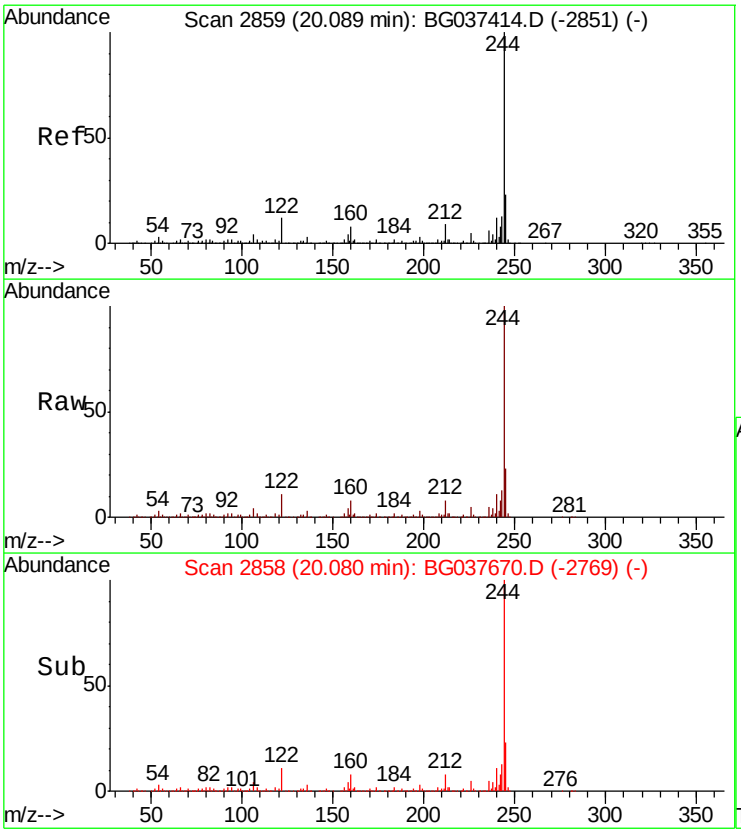
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:240 Resp: 351325

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.1	12.1
236	27.1	21.4	32.0

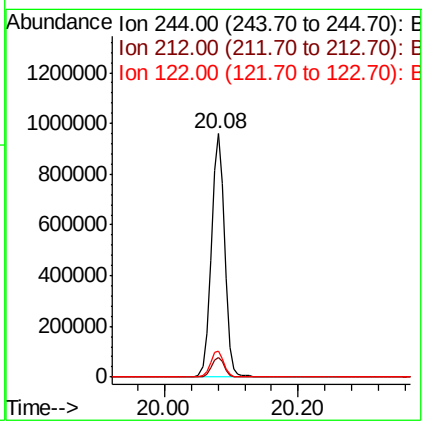


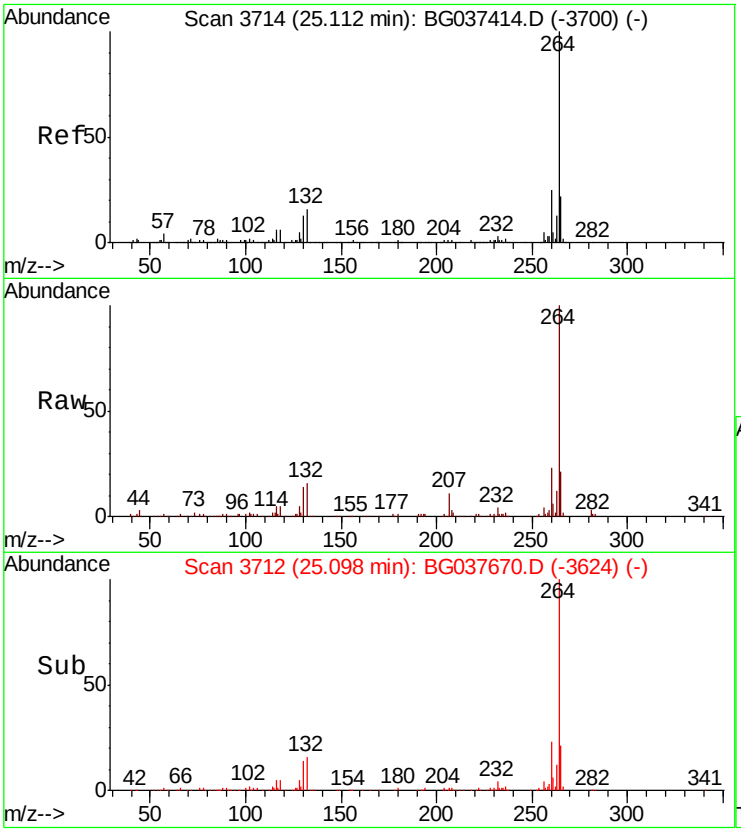


#79
Terphenyl-d14
Concen: 82.152 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:244 Resp: 1350736

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tgt Ion:264 Resp: 301937

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.3	17.9	26.9