Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037694.D
Acq On : 31 Oct 2018 21:33
Operator : JU/SJ
Sample : J5202-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 07:03:55 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	60286	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	266504	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	183329	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	436682	20.00	ng		0.00
76) Chrysene-d12	21.76	240	398103	20.00	ng		-0.01
87) Perylene-d12	25.10	264	345830	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	391501	108.57	ng		0.00
7) Phenol-d6	7.24	99	514809	94.41	ng		0.00
23) Nitrobenzene-d5	9.28	82	392737	82.55	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	196499	98.27	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	929119	76.42	ng		0.00
79) Terphenyl-d14	20.08	244	1427103	76.60	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	49172	13.096	ng	#	73
51) 2,6-Dinitrotoluene	14.73	165	23945	7.632	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	23945	5.814	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.23	198	261	8.601	ng		77
67) 4-Bromophenyl-phenylether	16.22	248	13780	2.874	ng	#	1

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

Quantitation Report (Not Reviewed)

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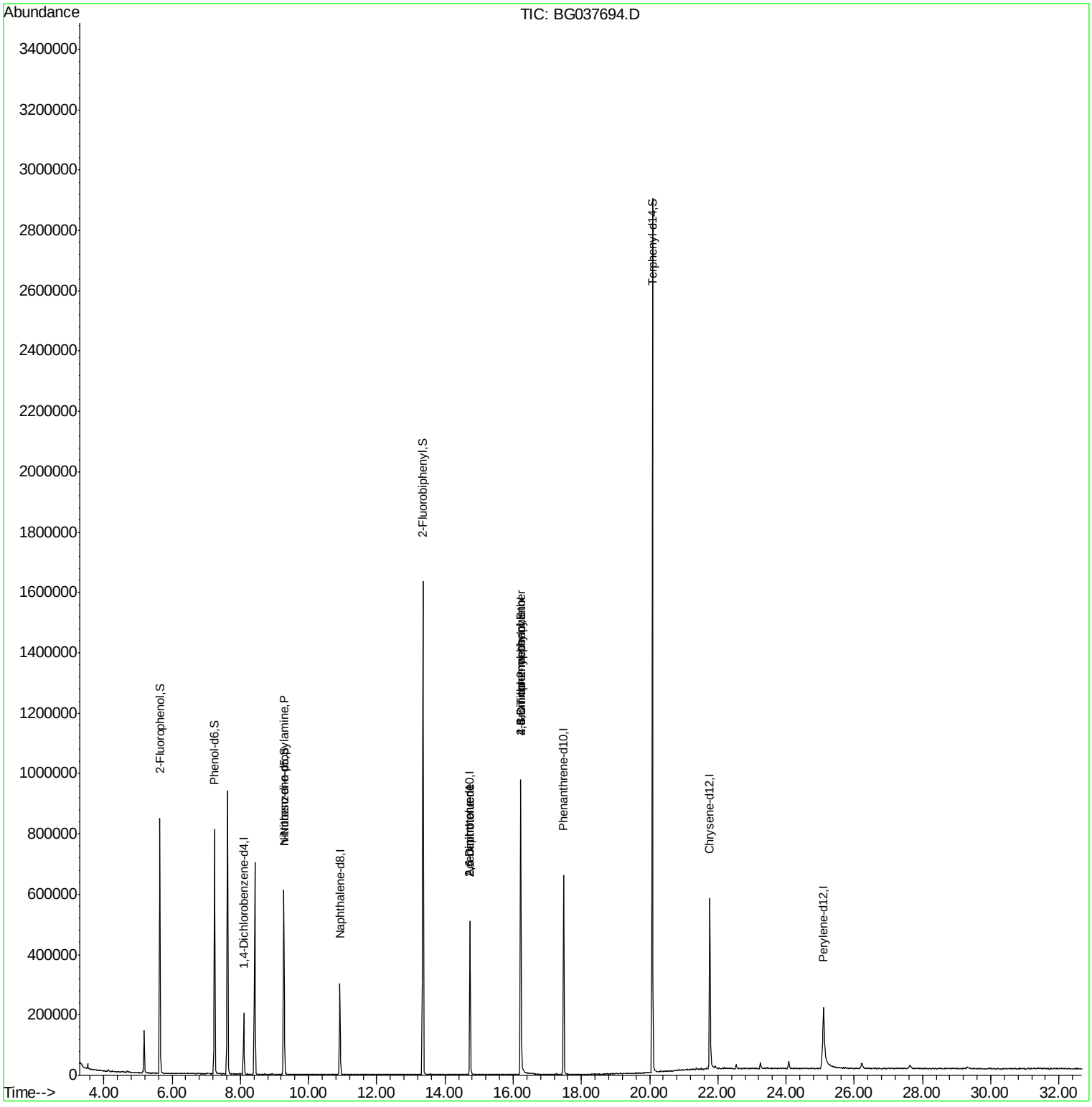
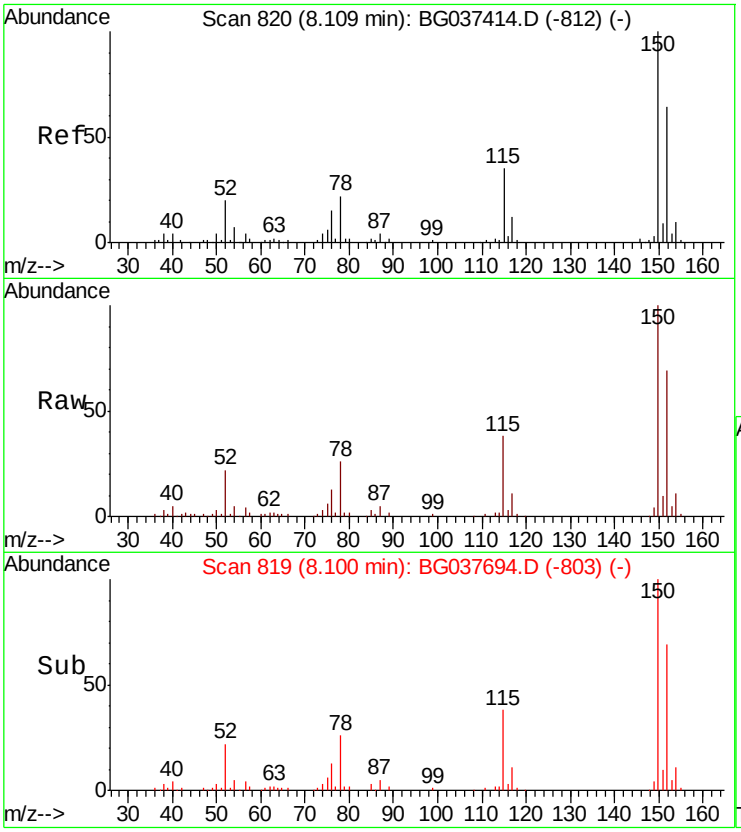


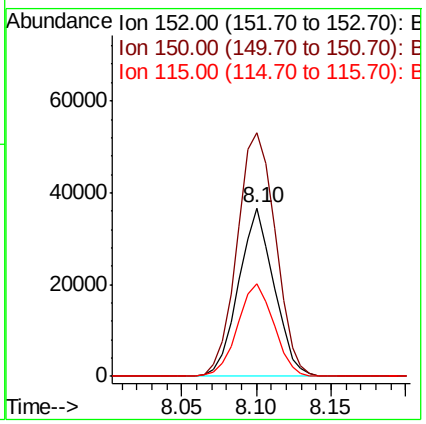


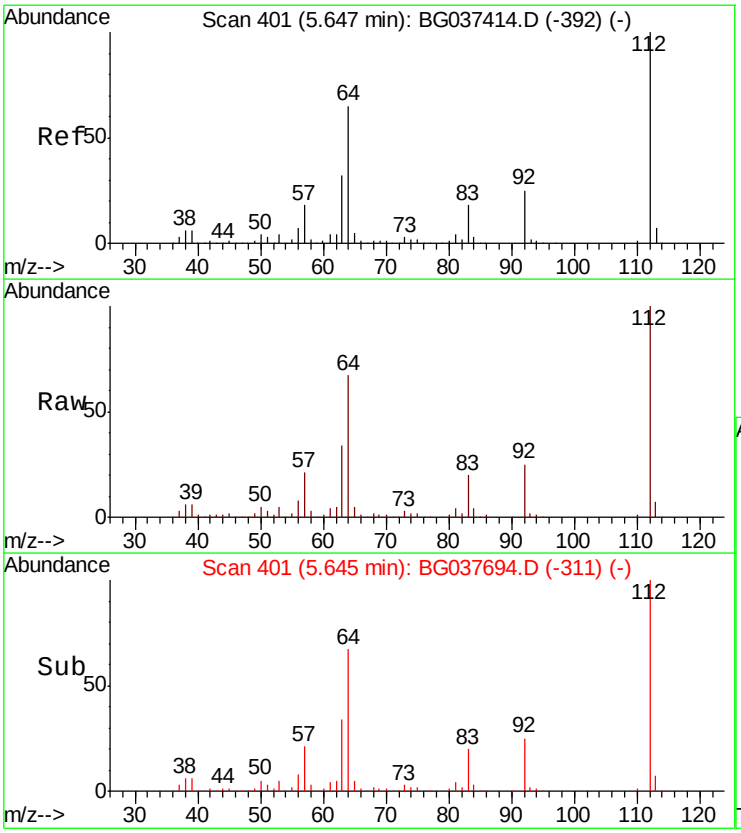
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 60286

Ion	Ratio	Lower	Upper
152	100		
150	144.3	126.0	189.0
115	55.1	45.5	68.3

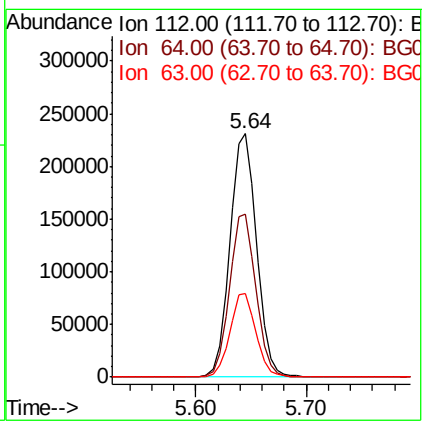


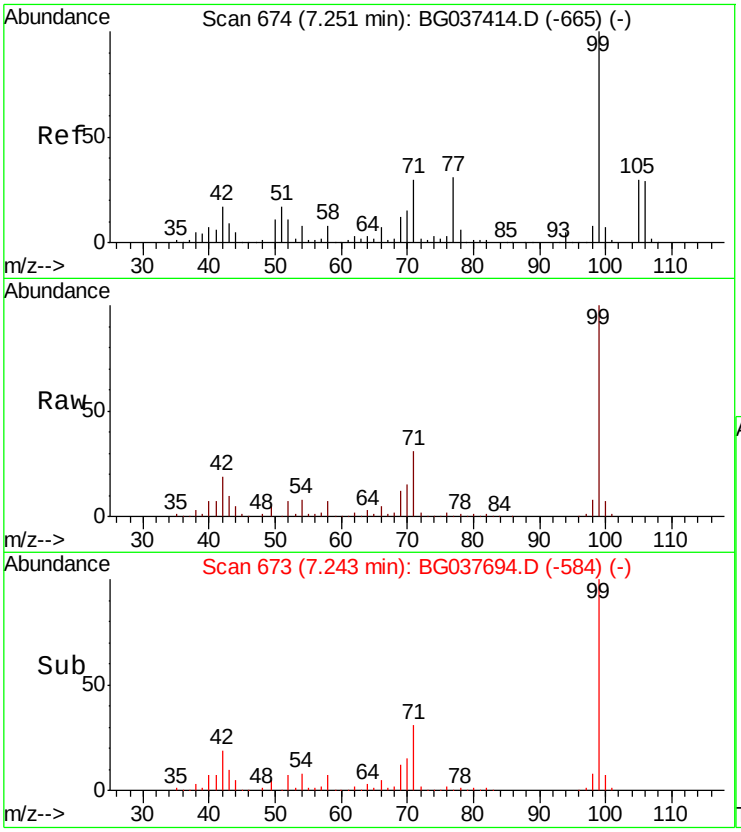


#5
2-Fluorophenol
Concen: 108.571 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion:112 Resp: 391501

Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.1	79.7
63	34.3	27.3	40.9



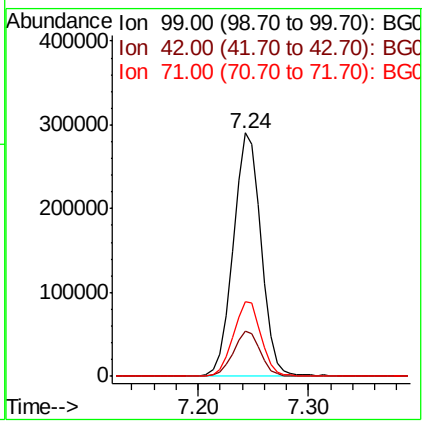


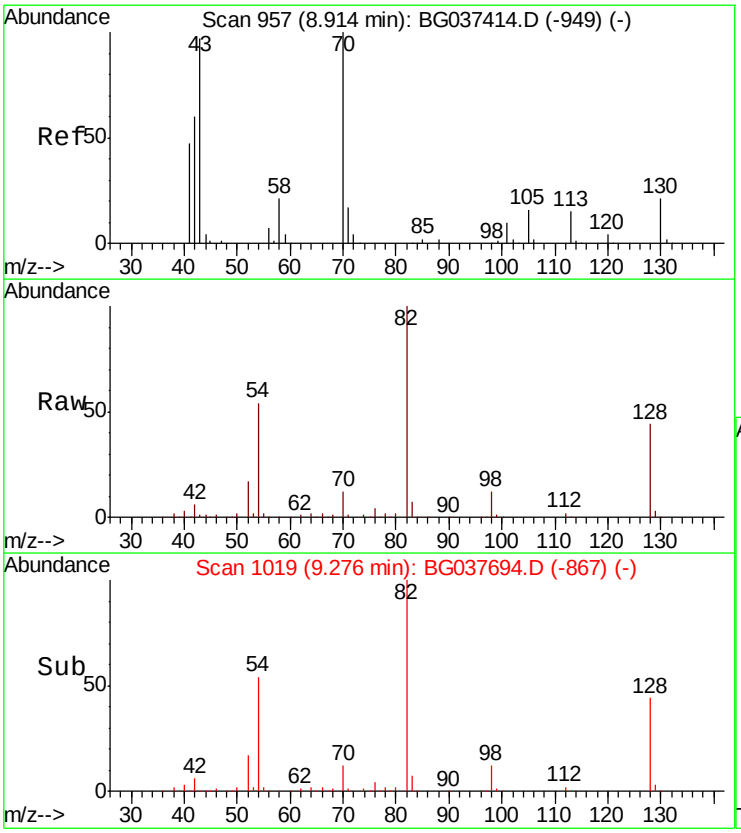
#7
Phenol-d6
Concen: 94.415 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 514809

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	30.6	25.5	38.3

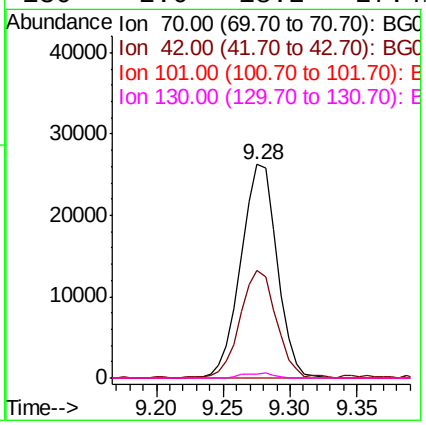


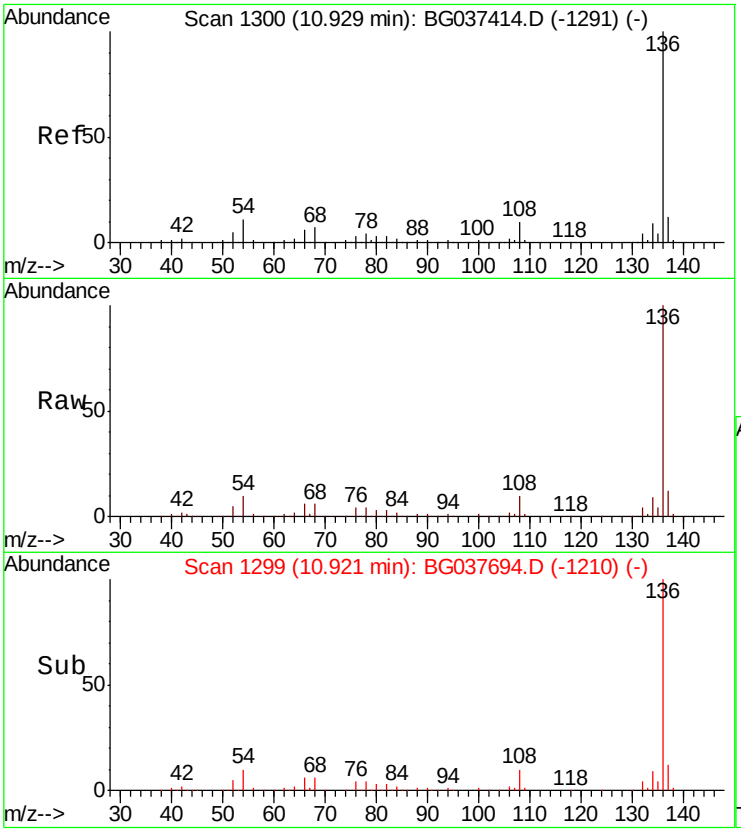


#19
n-Nitroso-di-n-propylamine
Concen: 13.096 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion: 70 Resp: 49172

Ion	Ratio	Lower	Upper
70	100		
42	50.4	53.9	80.9#
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



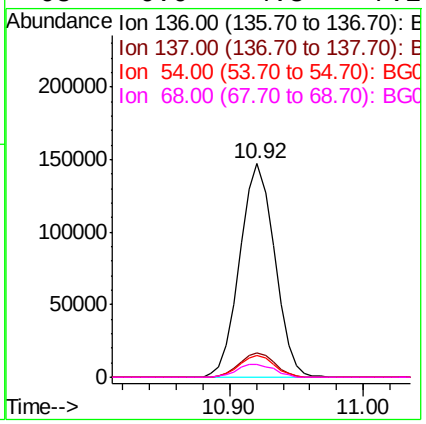


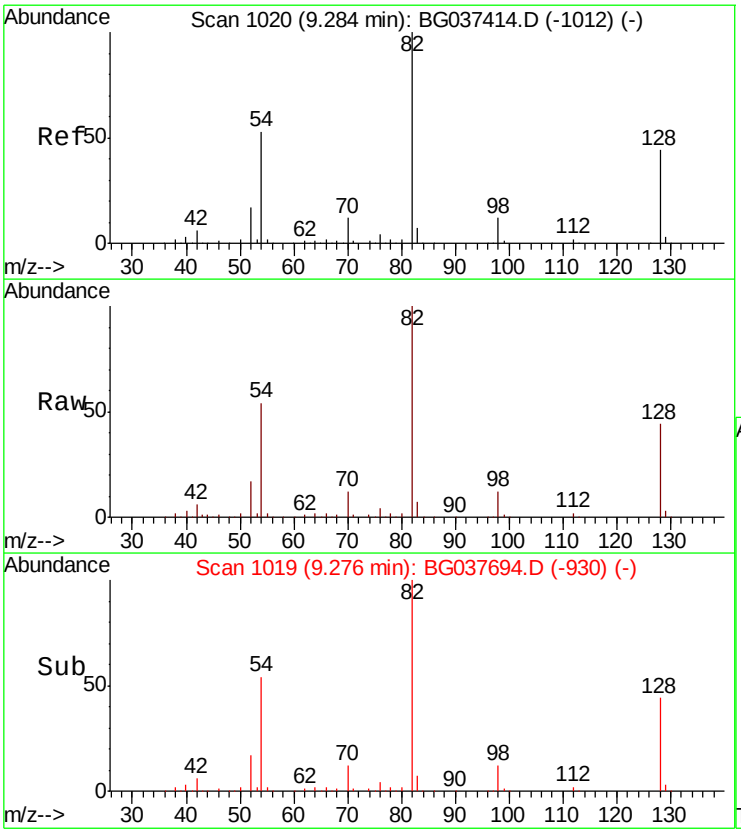
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 266504

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.3	7.9	11.9
68	6.0	4.8	7.2

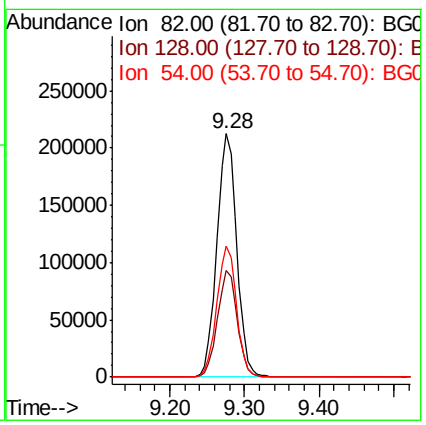


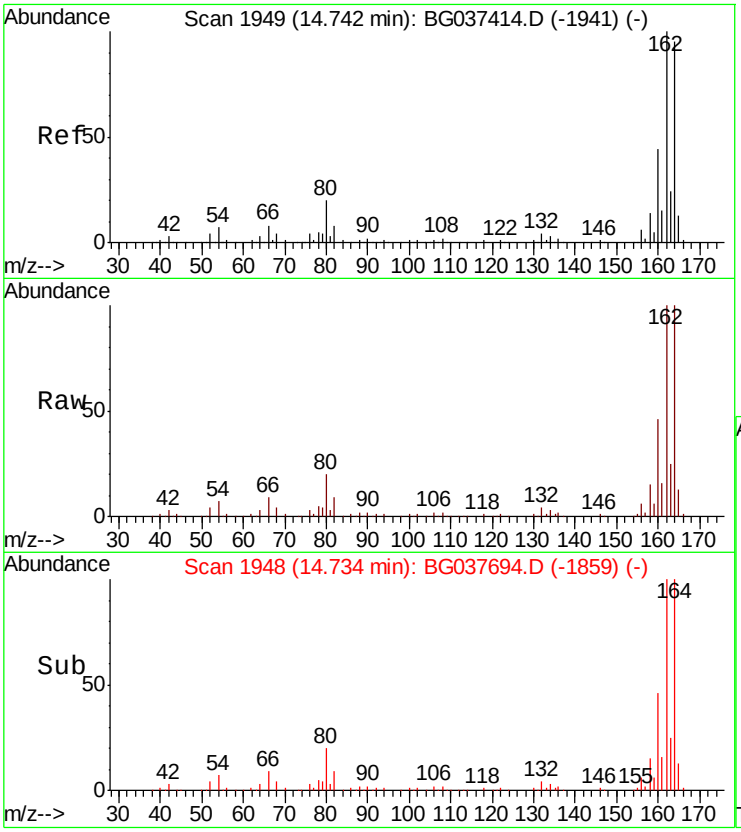


#23
Nitrobenzene-d5
Concen: 82.553 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion: 82 Resp: 392737

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	53.9	45.3	67.9



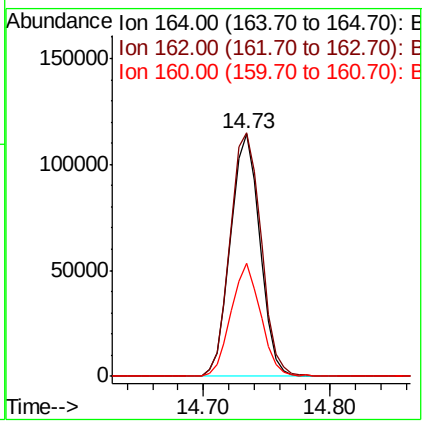


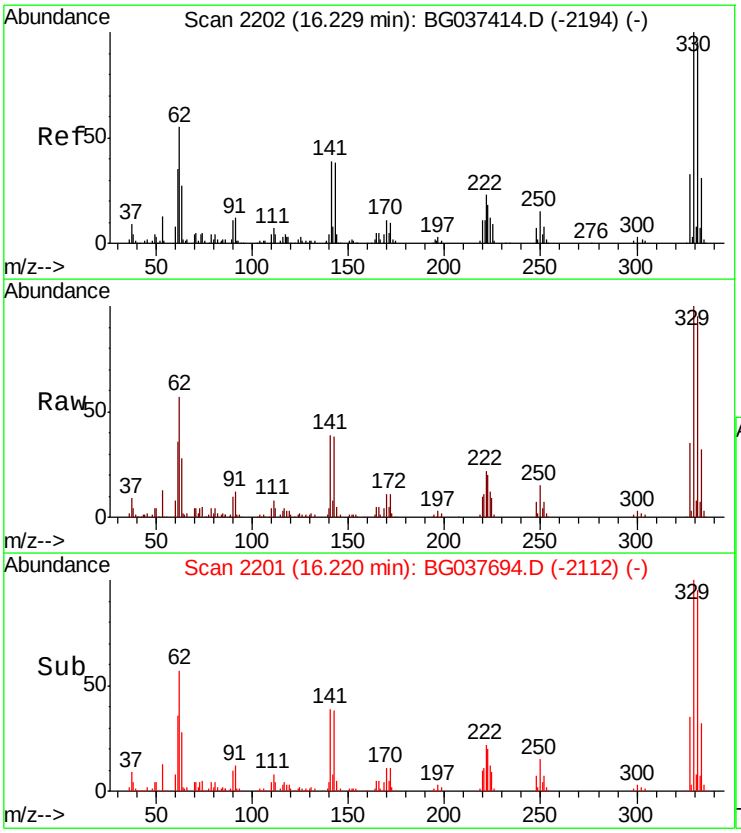
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 183329

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	46.5	36.3	54.5

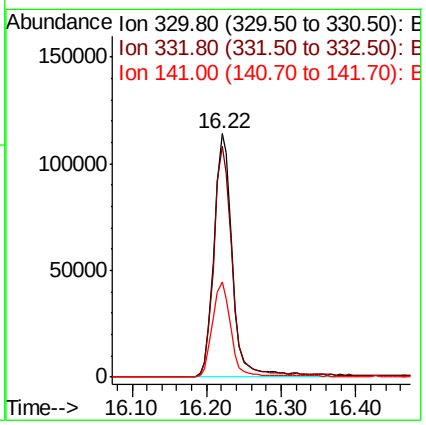


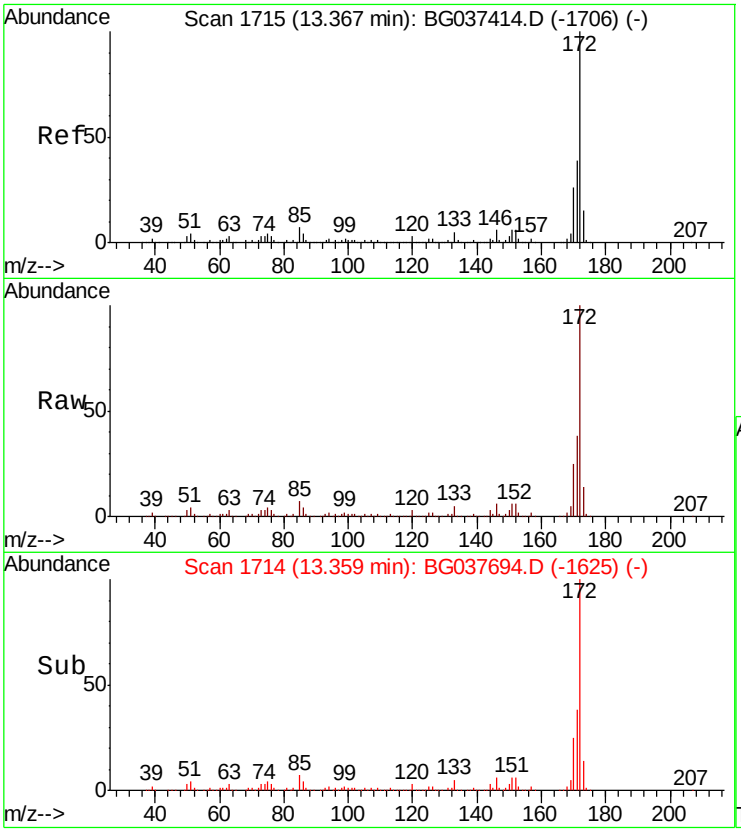


#42
2,4,6-Tribromophenol
Concen: 98.272 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion:330 Resp: 196499

Ion	Ratio	Lower	Upper
330	100		
332	93.2	78.4	117.6
141	39.1	32.2	48.2



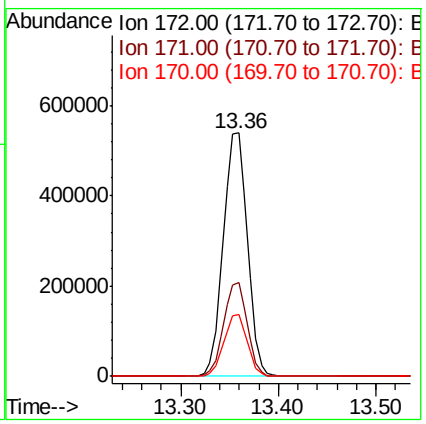


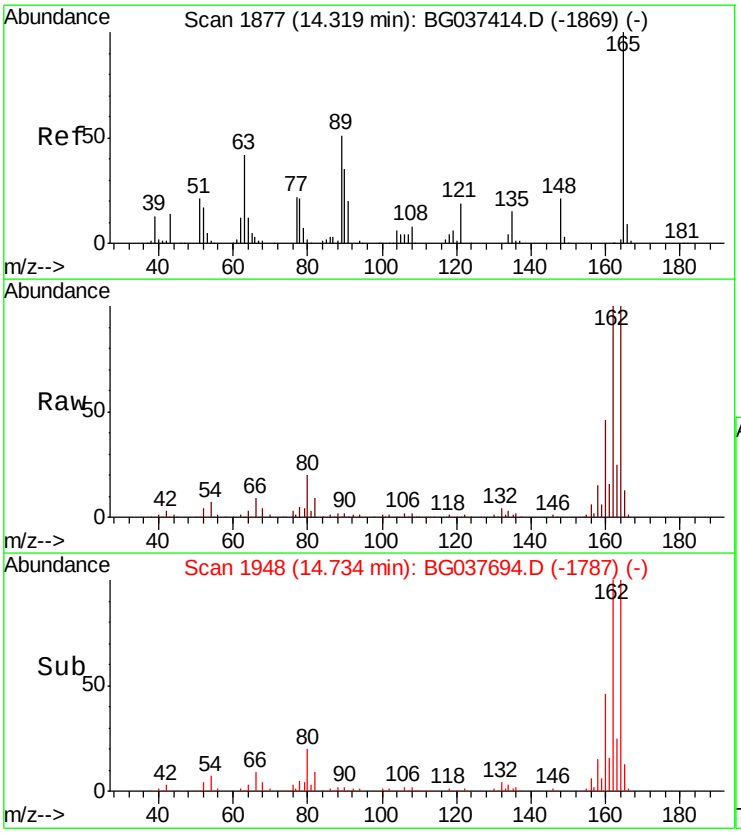
#45
2-Fluorobiphenyl
Concen: 76.423 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 929119

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

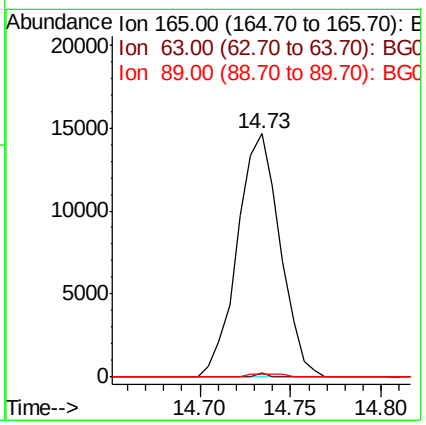


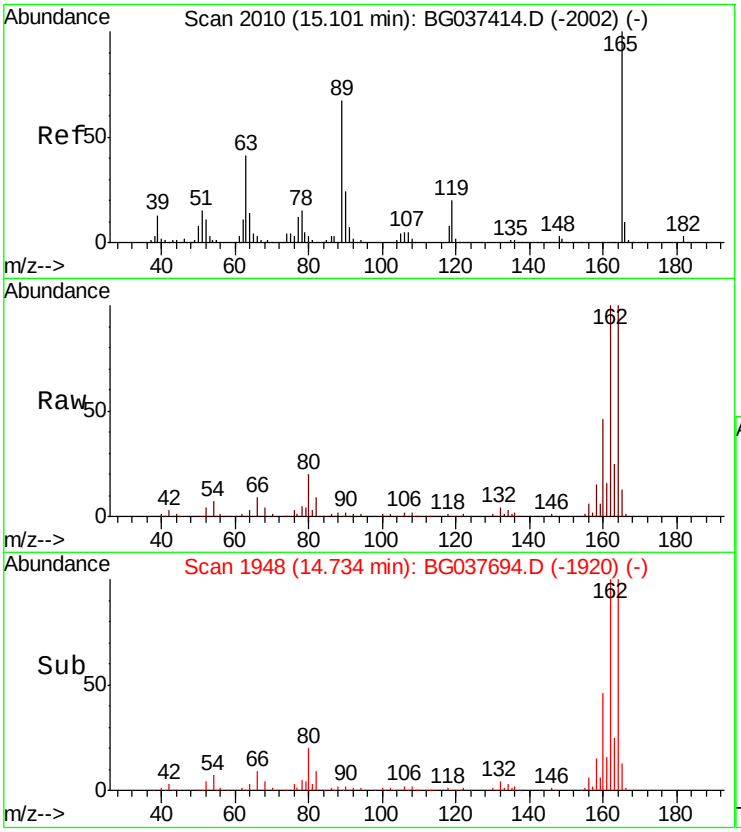


#51
2,6-Dinitrotoluene
Concen: 7.632 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion:165 Resp: 23945

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.2	45.8	68.6#



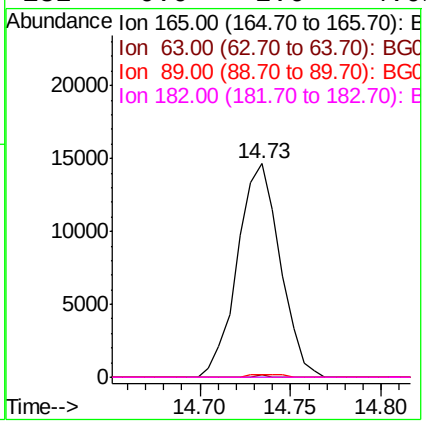


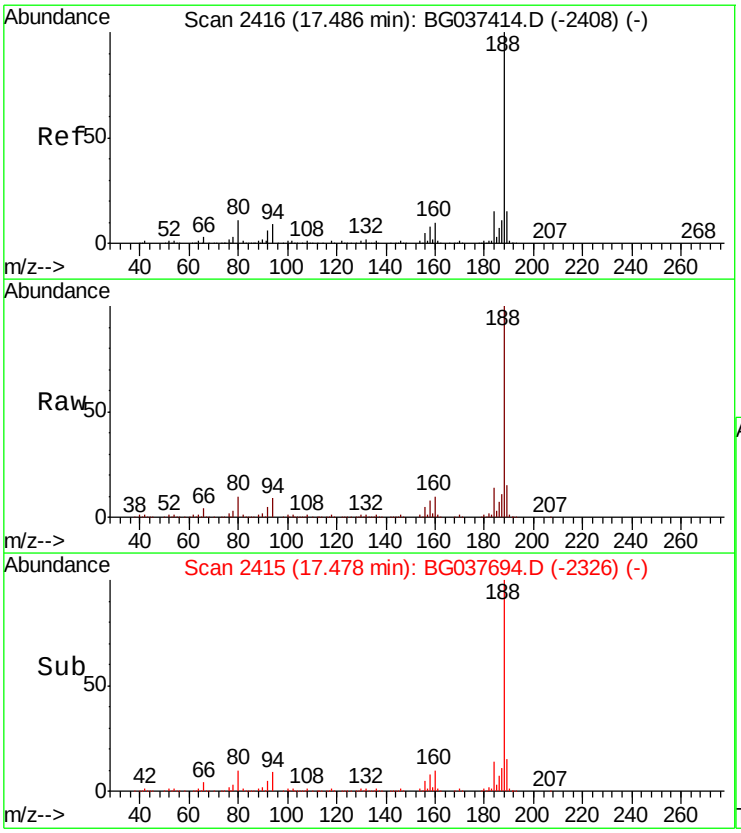
#57
2,4-Dinitrotoluene
Concen: 5.814 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23945

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#

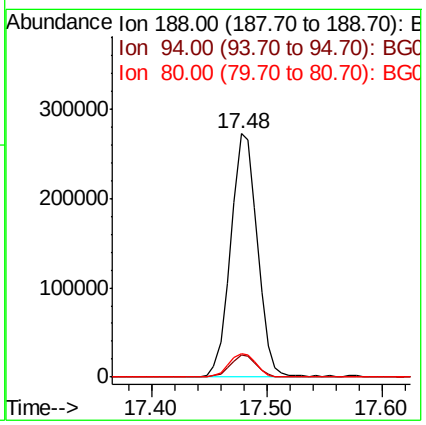


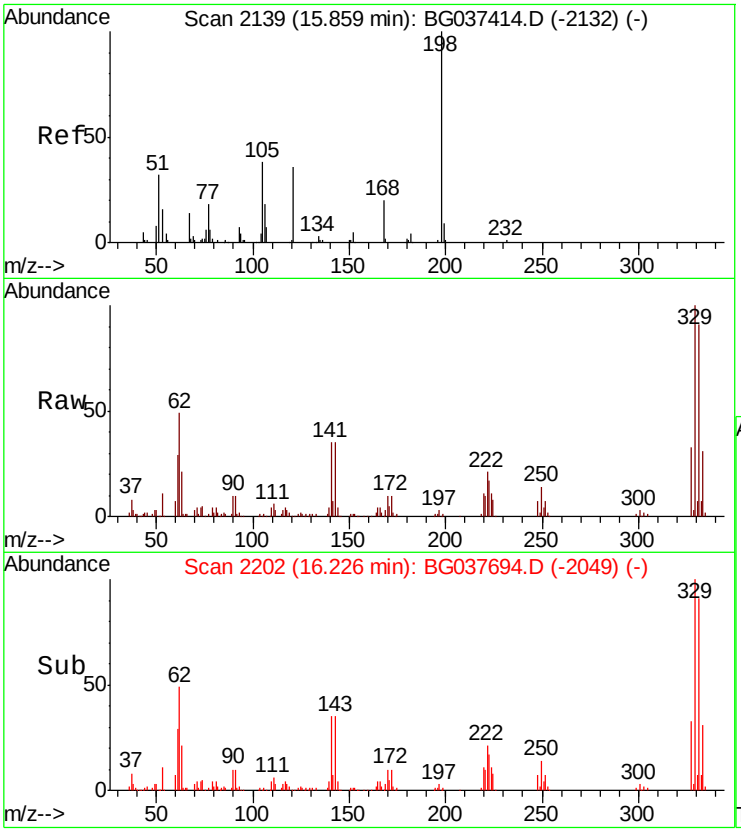


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion:188 Resp: 436682

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.5	7.7	11.5



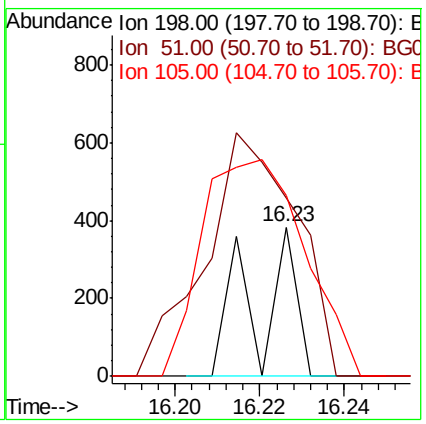


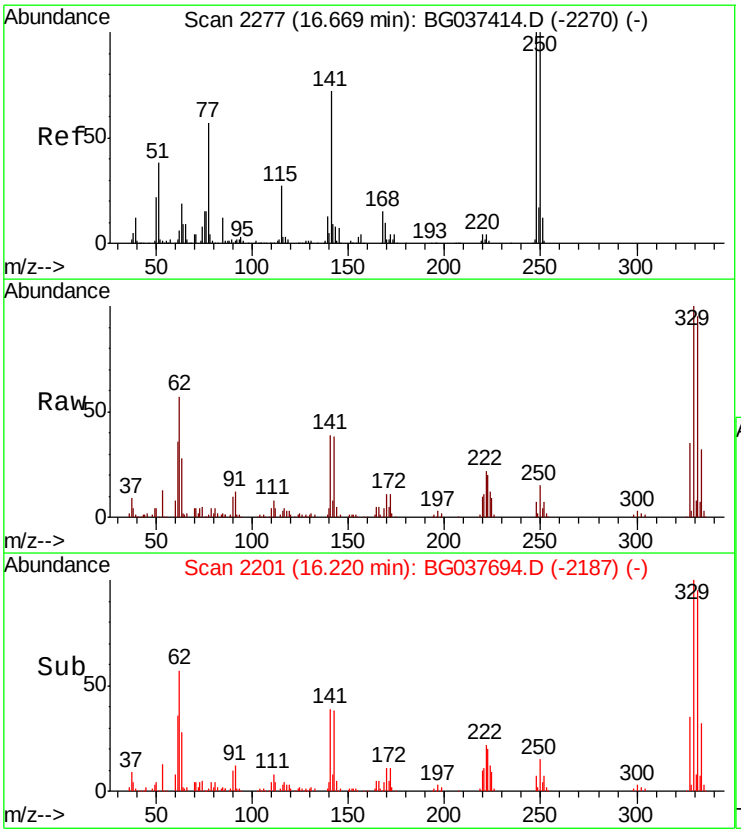
#65
4,6-Dinitro-2-methylphenol
Concen: 8.601 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 261

Ion	Ratio	Lower	Upper
198	100		
51	26.3	22.7	62.7
105	26.7	19.7	59.7

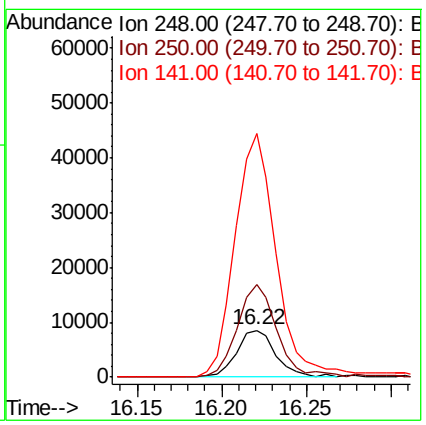


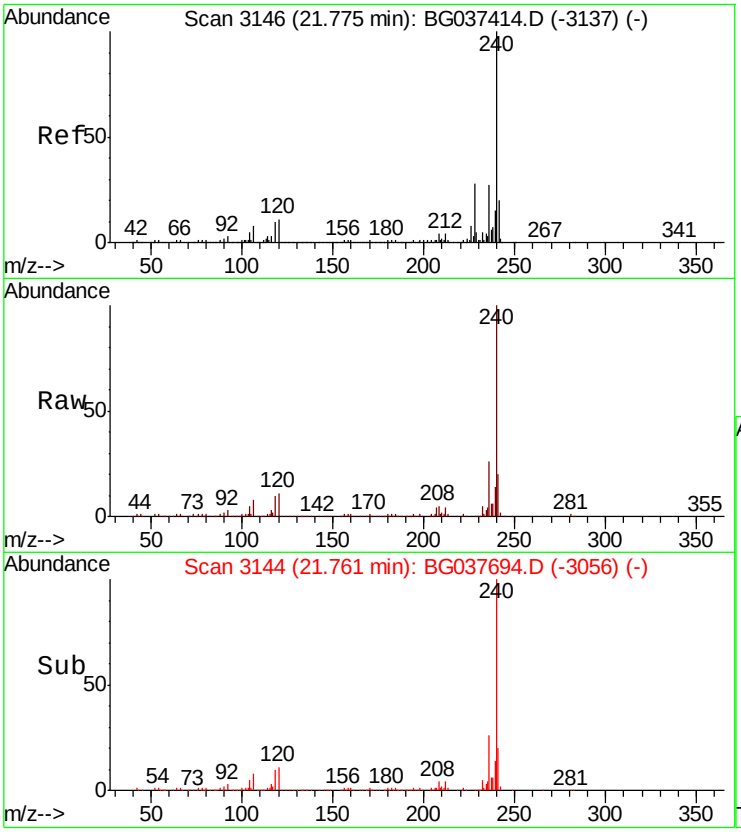


#67
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion:248 Resp: 13780

Ion	Ratio	Lower	Upper
248	100		
250	200.3	77.0	115.6#
141	407.5	55.5	83.3#



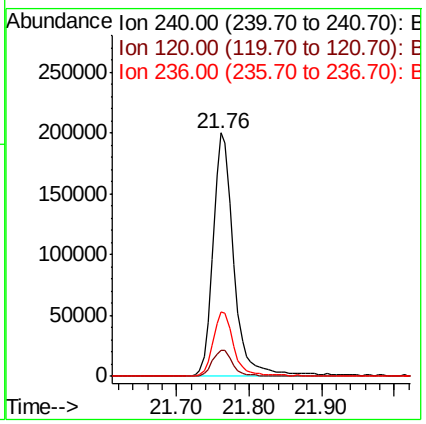


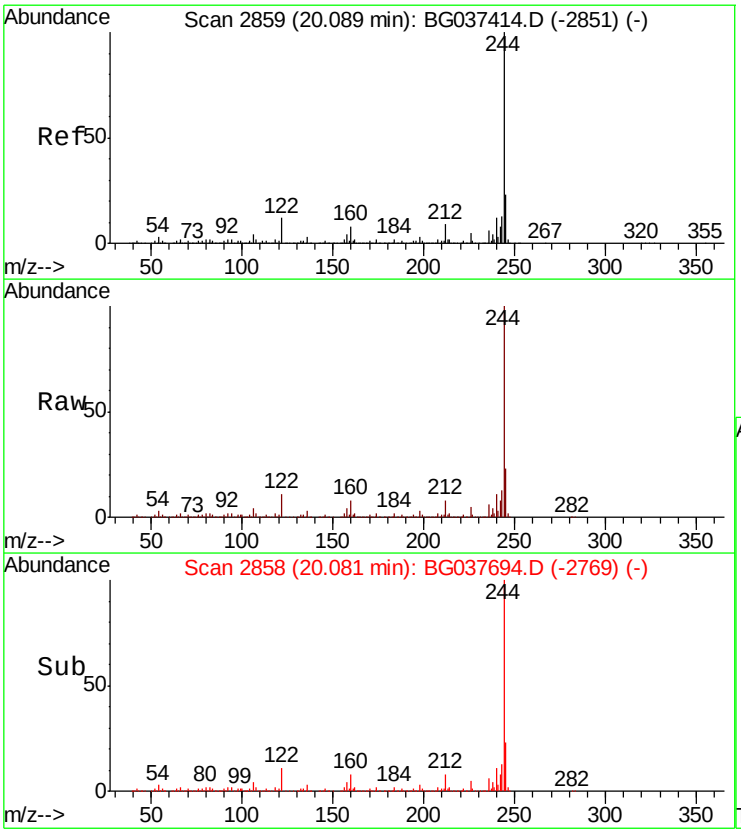
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 398103

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.3	21.4	32.0

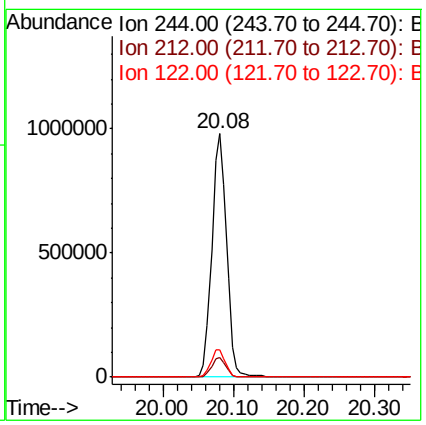


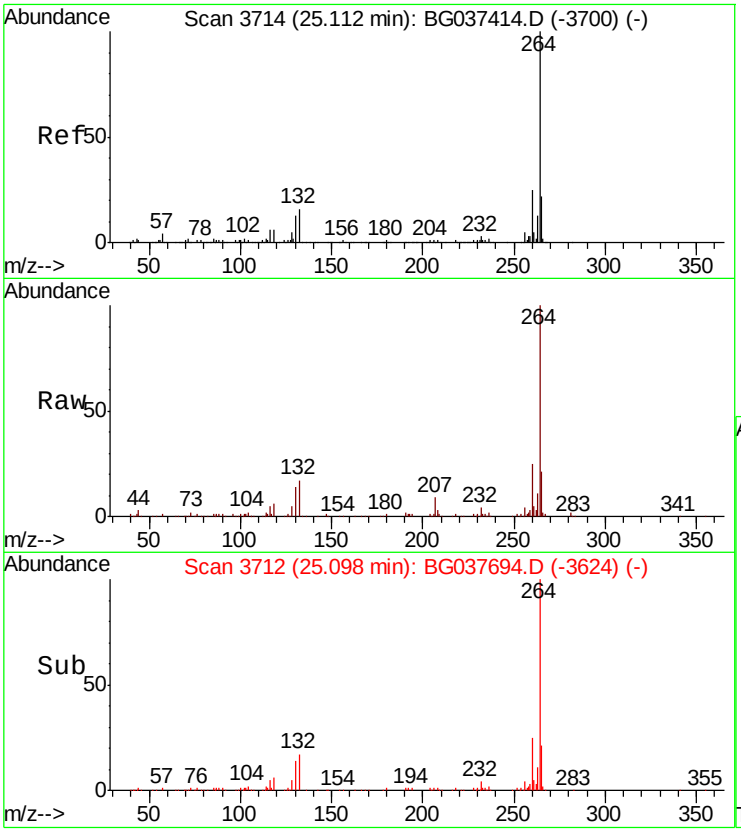


#79
Terphenyl-d14
Concen: 76.598 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037694.D
Acq: 31 Oct 2018 21:33

Tgt Ion:244 Resp: 1427103

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	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: BG037694.D
Acq: 31 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 345830

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.4
265	21.2	17.9	26.9