Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037674.D
Acq On : 31 Oct 2018 5:03
Operator : JU/SJ
Sample : J5722-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 31 09:25:11 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	57070	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	249292	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	169729	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	388348	20.00	ng		0.00
76) Chrysene-d12	21.77	240	345223	20.00	ng		0.00
87) Perylene-d12	25.10	264	322532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	139218	40.78	ng		0.00
7) Phenol-d6	7.24	99	127101	24.62	ng		0.00
23) Nitrobenzene-d5	9.27	82	429129	96.43	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	160601	86.75	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1003465	89.15	ng		0.00
79) Terphenyl-d14	20.08	244	1469102	90.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	26119	4.796	ng		99
19) n-Nitroso-di-n-propylamine	9.27	70	54054	15.207	ng	#	70
51) 2,6-Dinitrotoluene	14.73	165	22037	7.587	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	22037	5.780	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.21	198	459	8.693	ng		84
67) 4-Bromophenyl-phenylether	16.22	248	11347	2.661	ng	#	1
77) Benzidine	20.08	184	24951	2.126	ng	#	93

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

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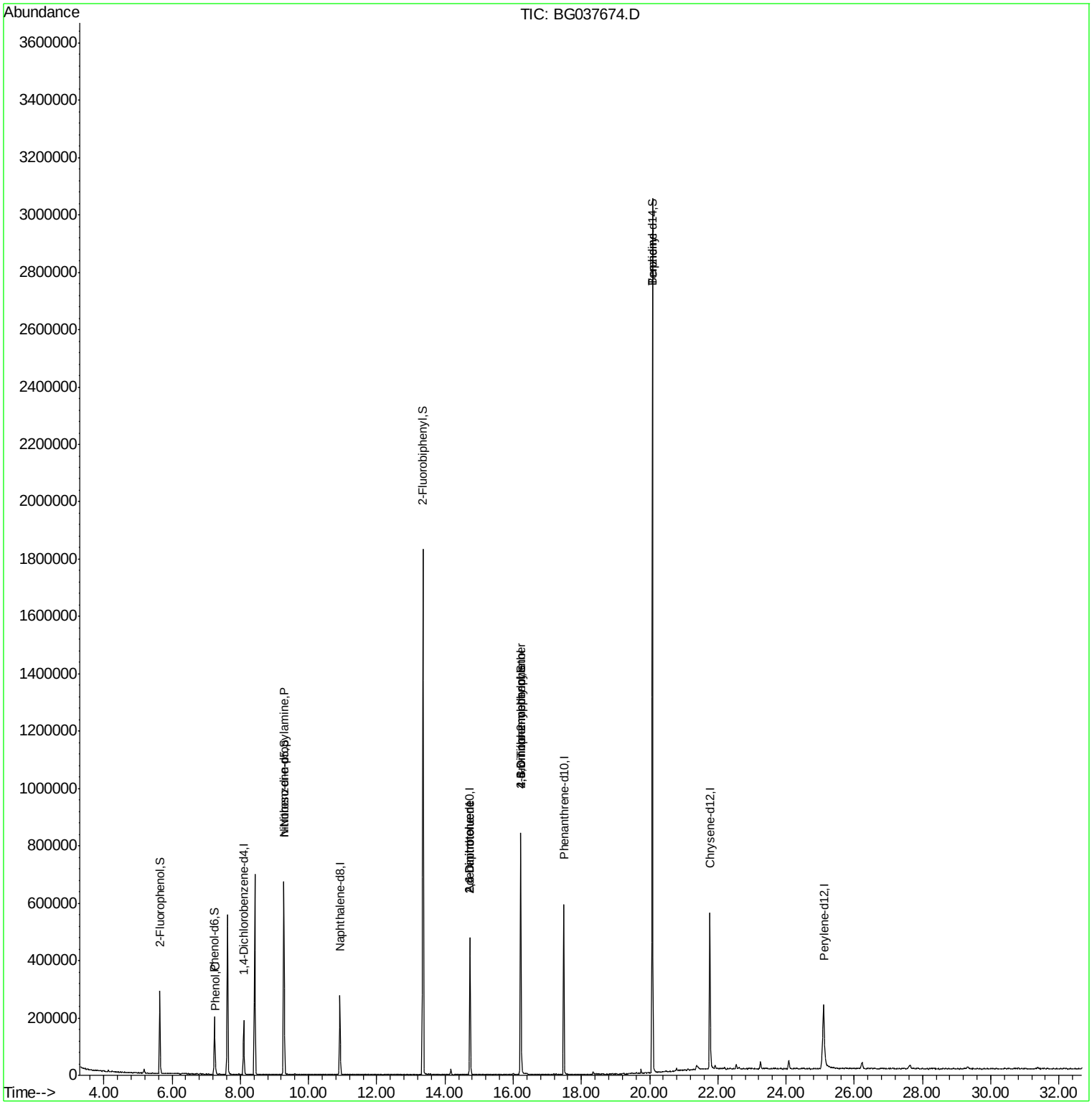
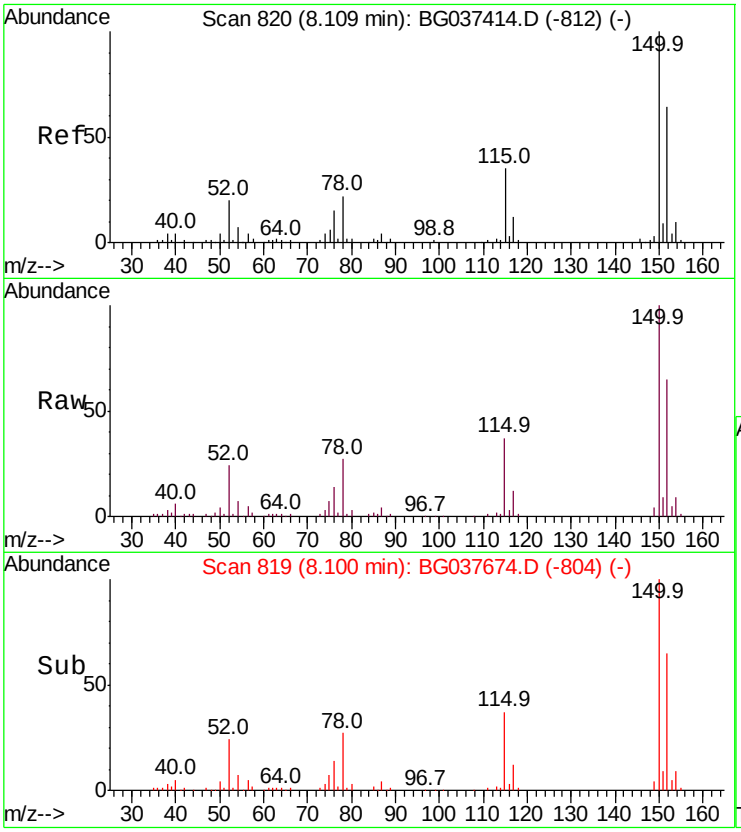


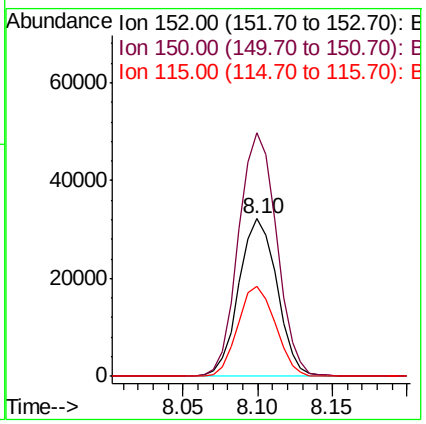


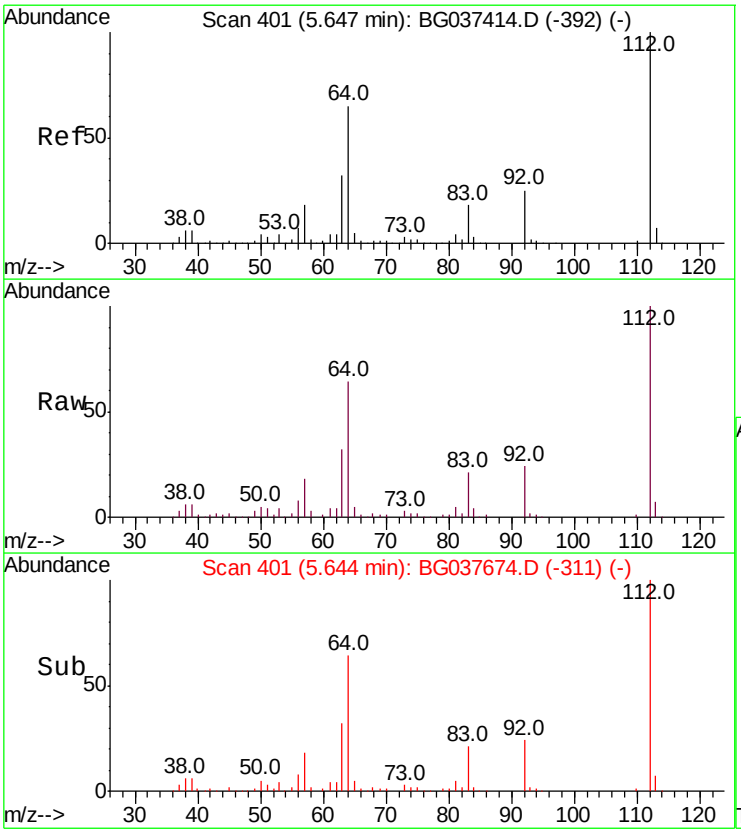
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 57070

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.0	189.0
115	56.8	45.5	68.3

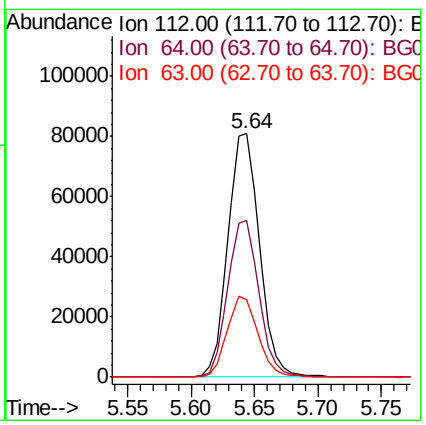


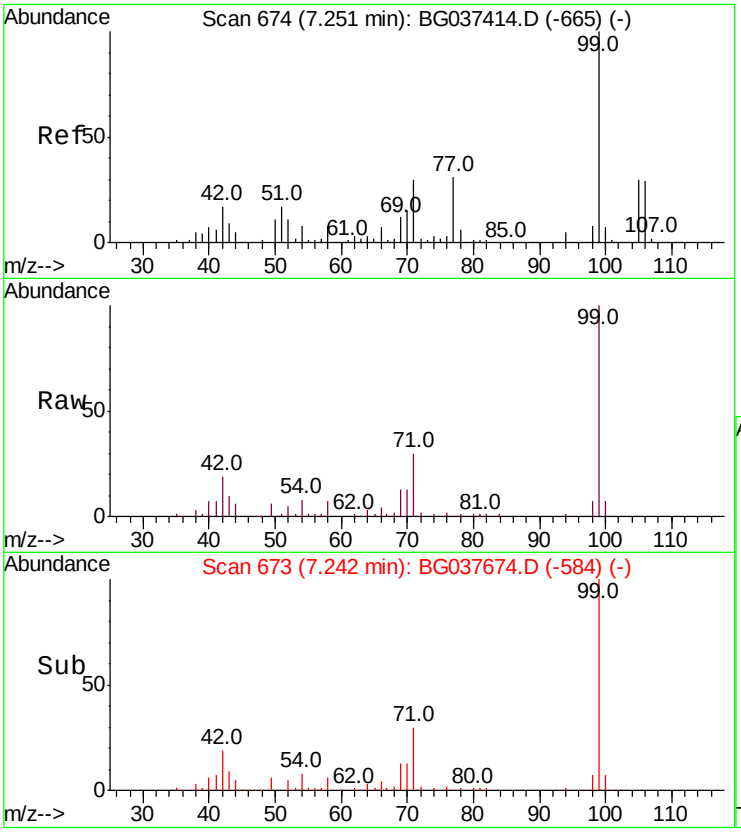


#5
2-Fluorophenol
Concen: 40.784 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:112 Resp: 139218

Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.1	79.7
63	31.6	27.3	40.9



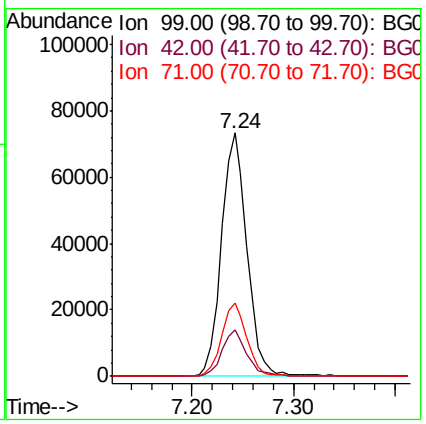


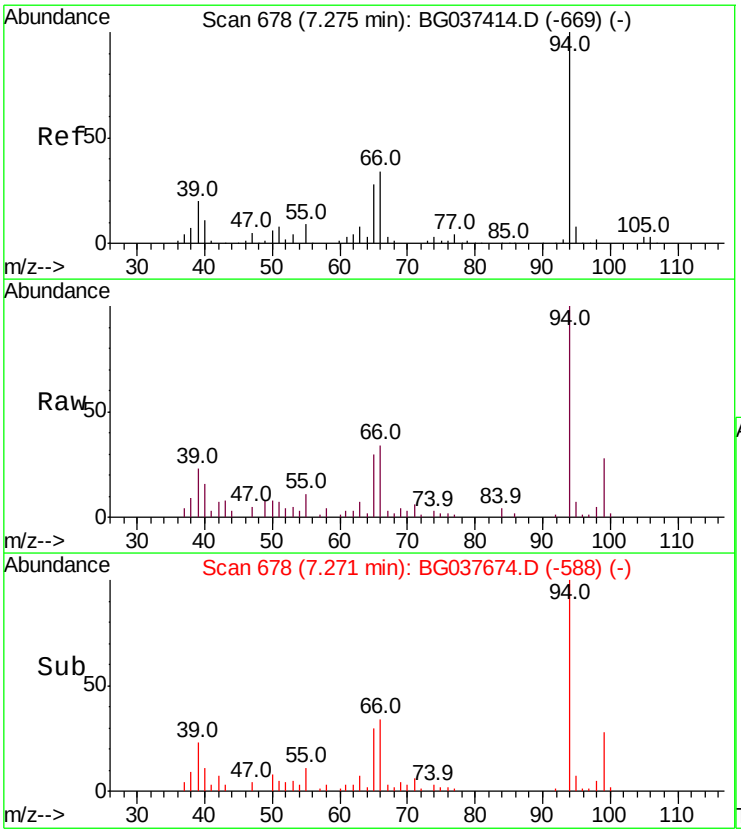
#7
Phenol-d6
Concen: 24.624 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 127101

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	30.2	25.5	38.3

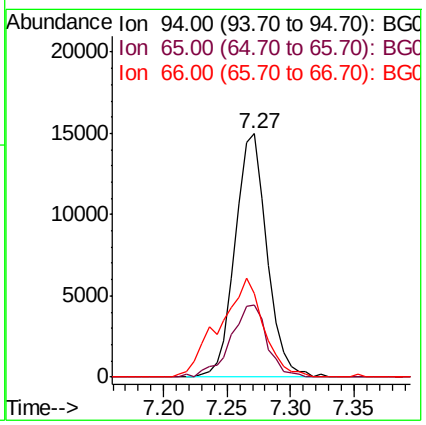


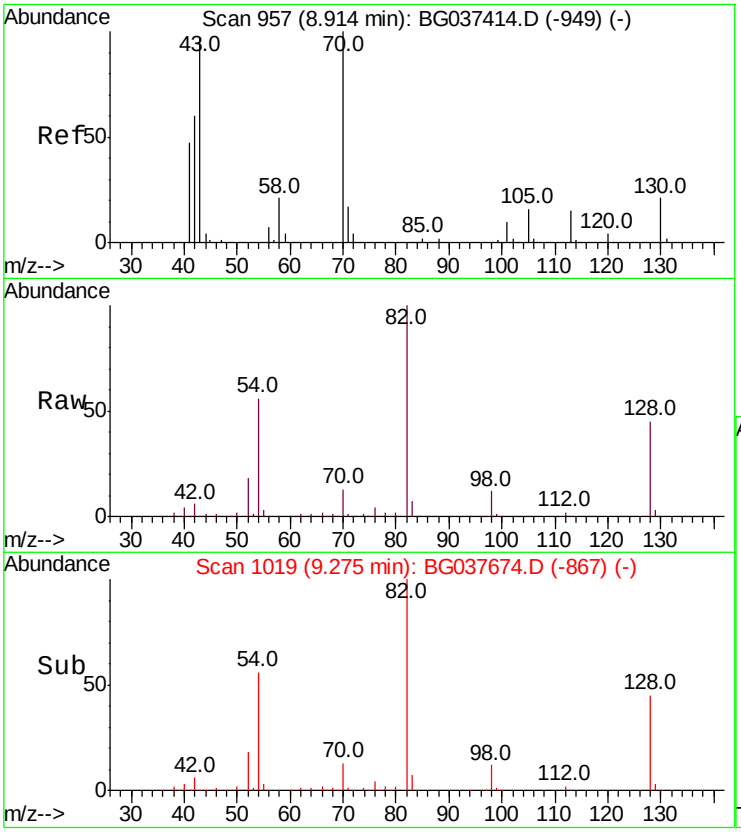


#10
Phenol
Concen: 4.796 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion: 94 Resp: 26119

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.7	49.7
66	34.4	15.9	55.9



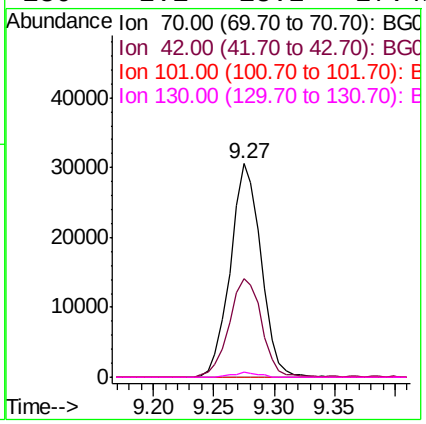


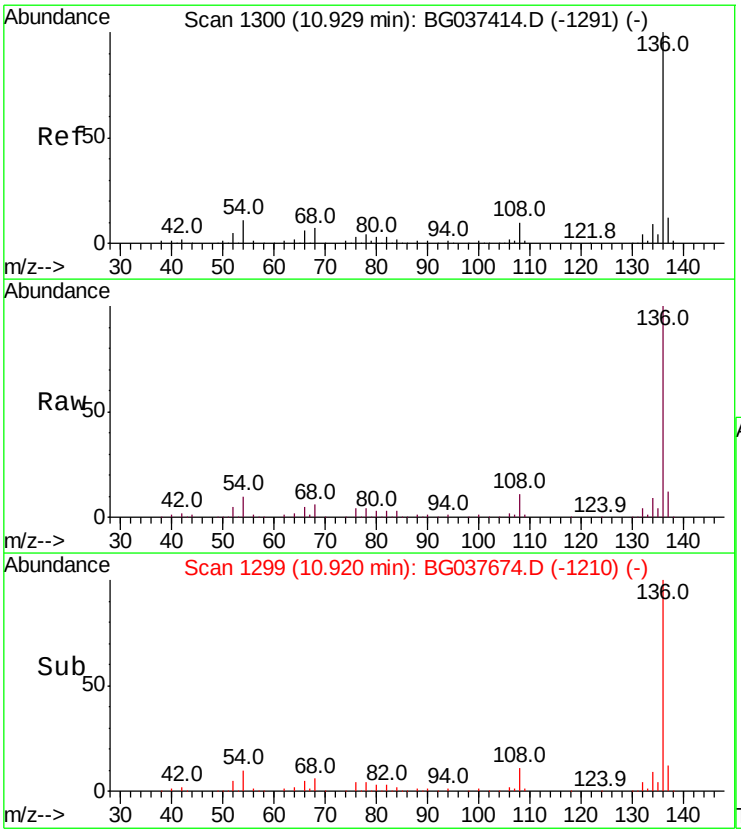
#19
n-Nitroso-di-n-propylamine
Concen: 15.207 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 54054

Ion	Ratio	Lower	Upper
70	100		
42	46.1	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#

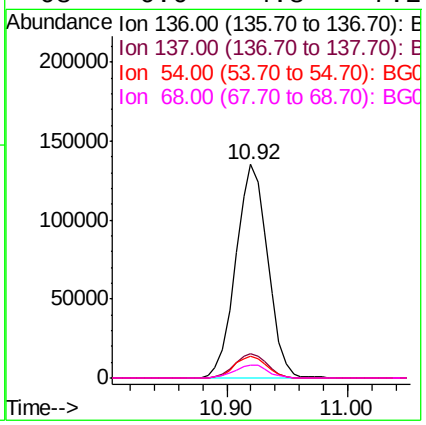


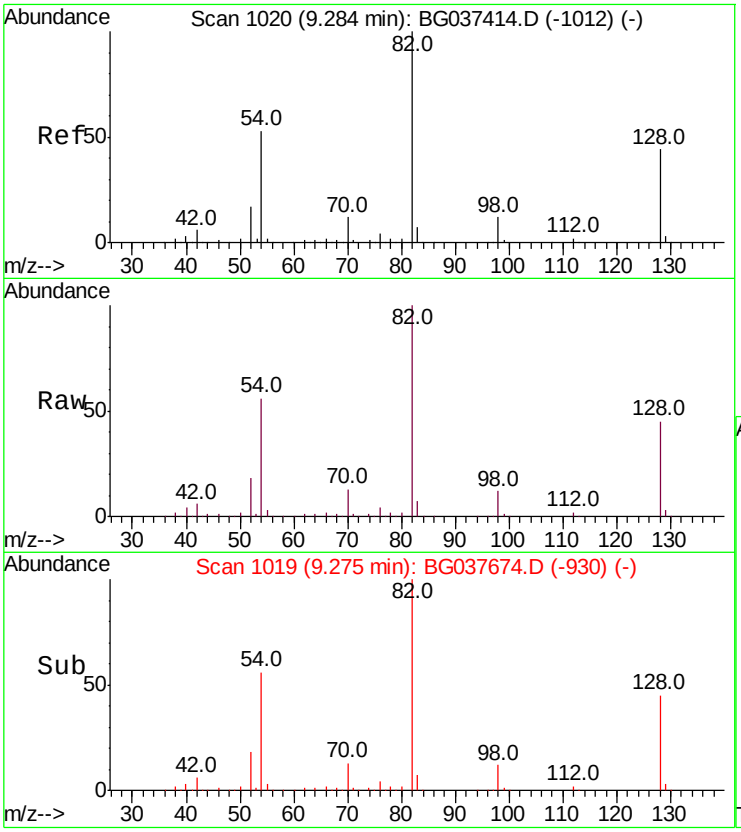


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:136 Resp: 249292

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.9	11.9
68	6.0	4.8	7.2



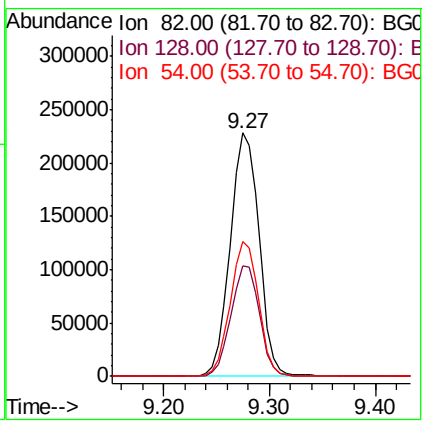


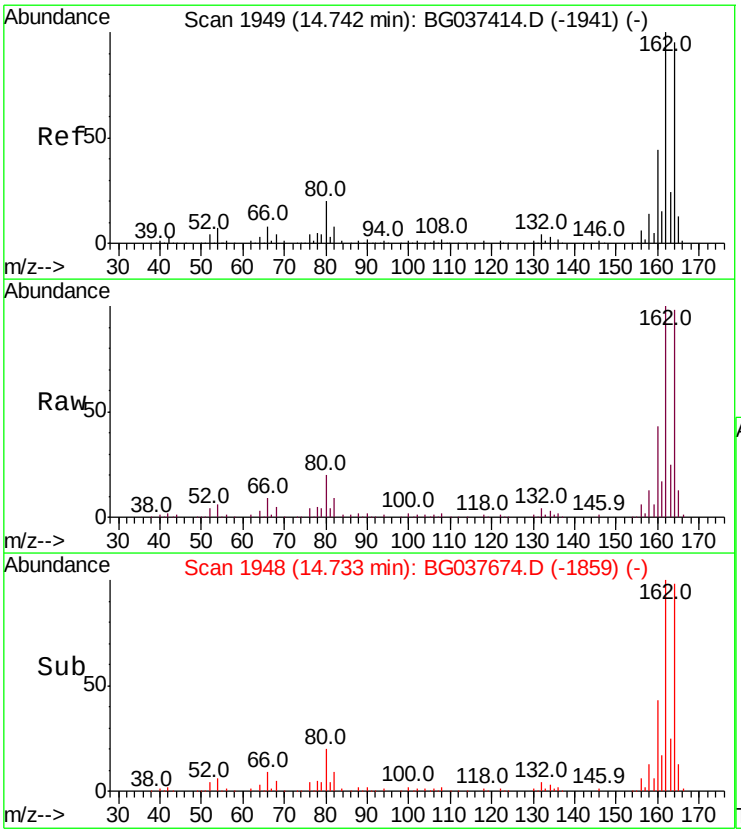
#23
Nitrobenzene-d5
Concen: 96.431 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 429129

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	55.6	45.3	67.9

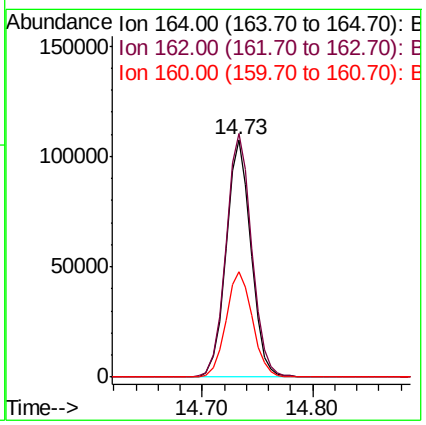


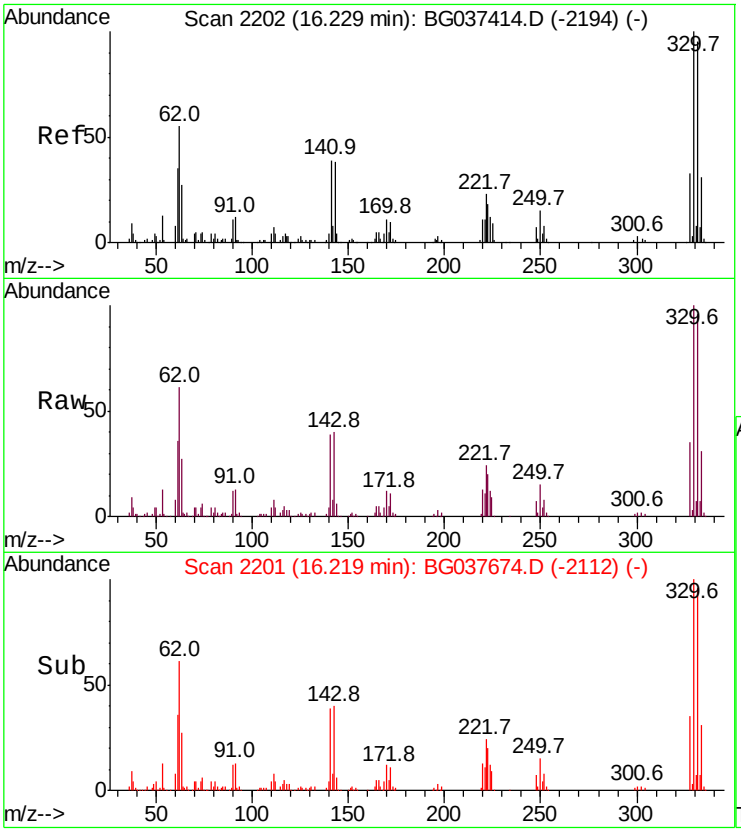


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:164 Resp: 169729

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	44.2	36.3	54.5



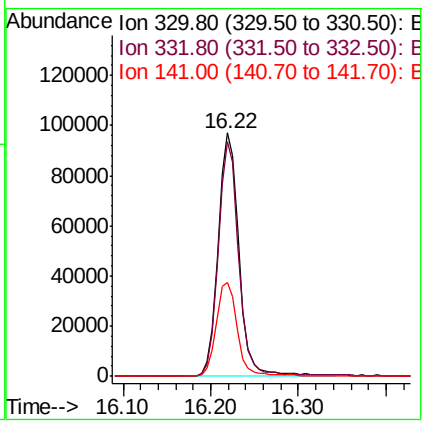


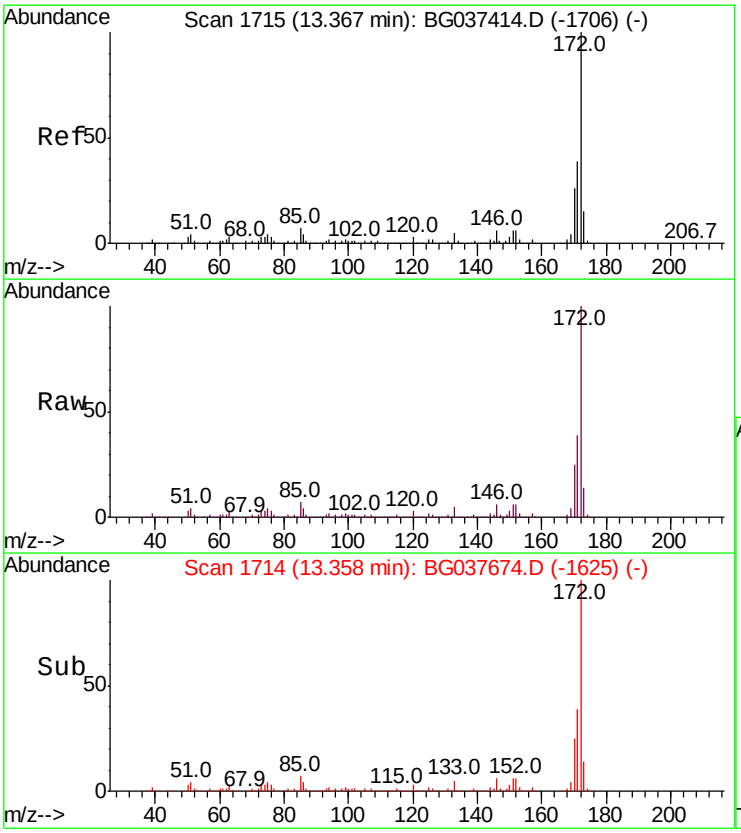
#42
2,4,6-Tribromophenol
Concen: 86.754 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 160601

Ion	Ratio	Lower	Upper
330	100		
332	94.1	78.4	117.6
141	38.9	32.2	48.2

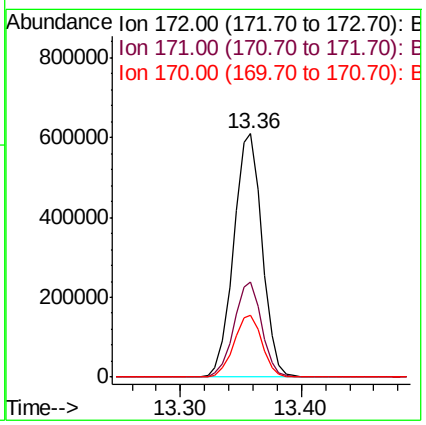


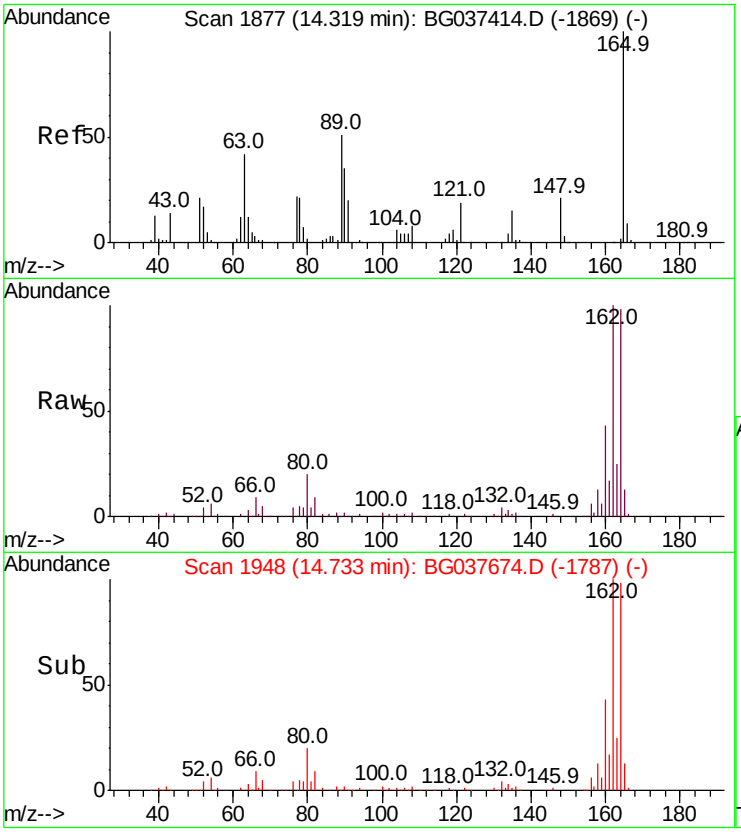


#45
2-Fluorobiphenyl
Concen: 89.152 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:172 Resp: 1003465

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.4	20.2	30.2



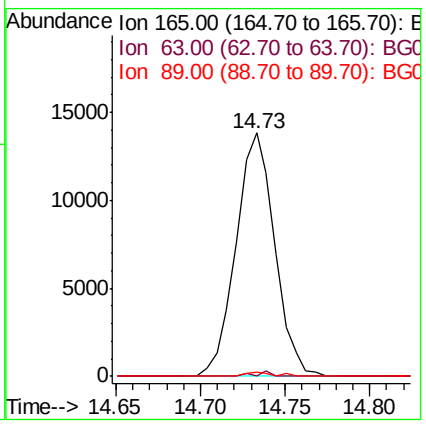


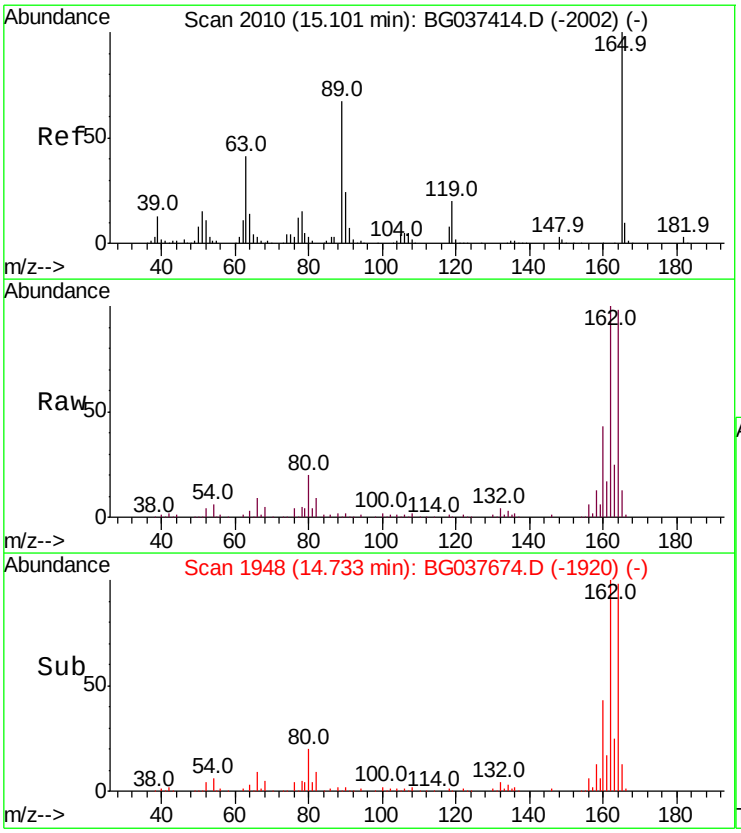
#51
2,6-Dinitrotoluene
Concen: 7.587 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22037

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#

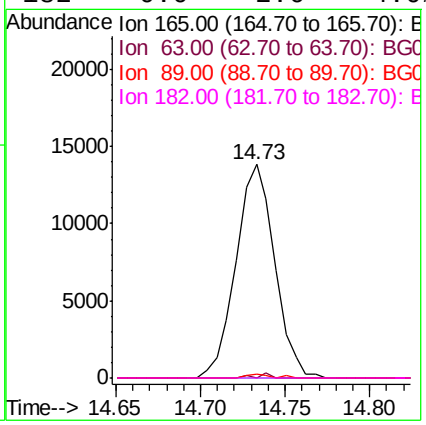


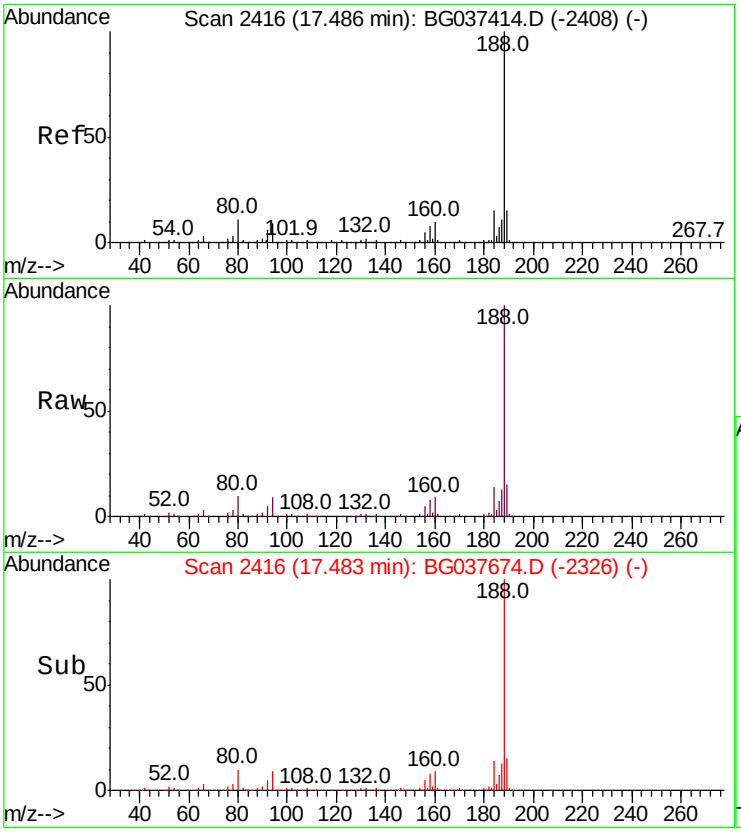


#57
2,4-Dinitrotoluene
Concen: 5.780 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:165 Resp: 22037

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



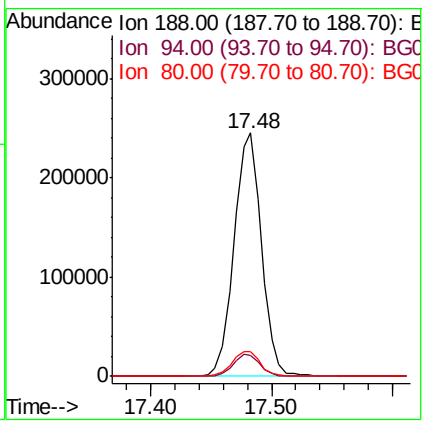


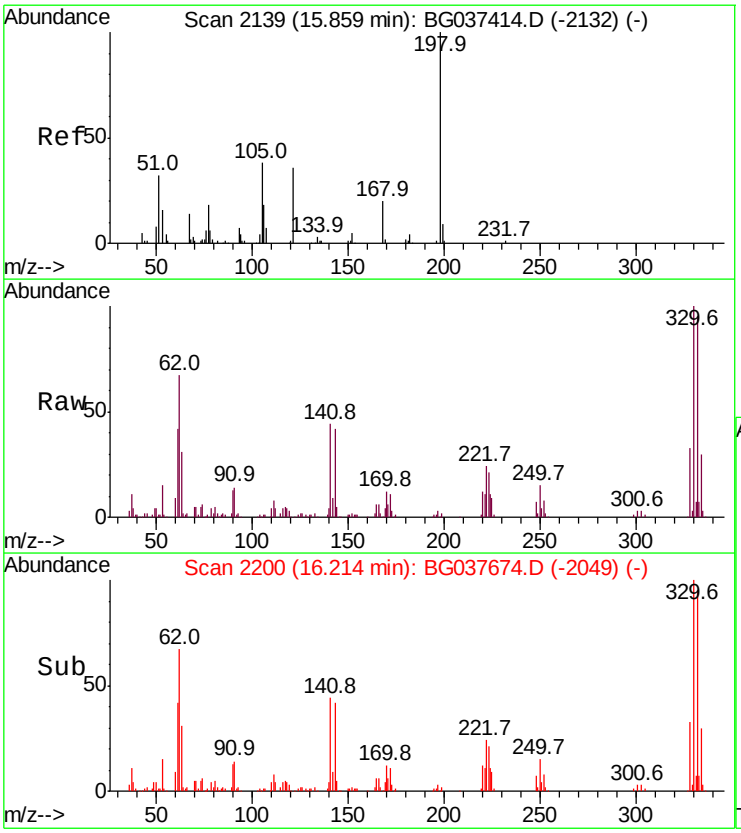
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 388348

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.3	7.7	11.5

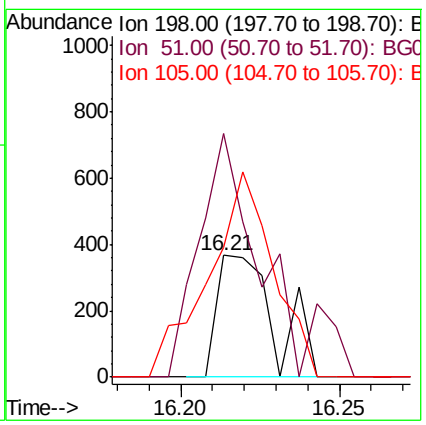


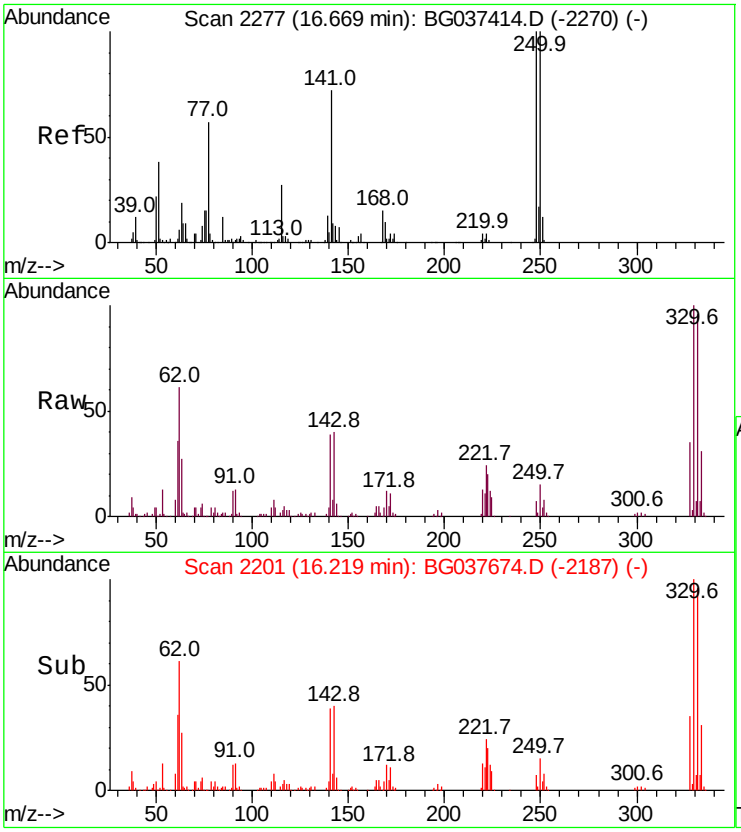


#65
4,6-Dinitro-2-methylphenol
Concen: 8.693 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:198 Resp: 459

Ion	Ratio	Lower	Upper
198	100		
51	40.6	22.7	62.7
105	21.6	19.7	59.7



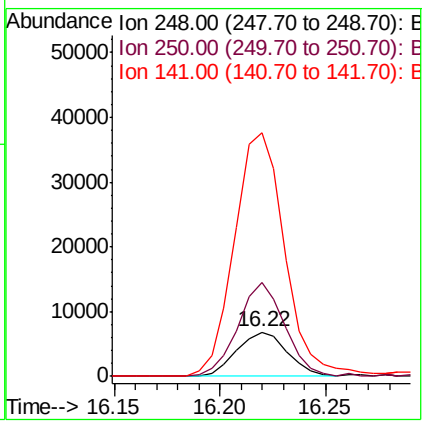


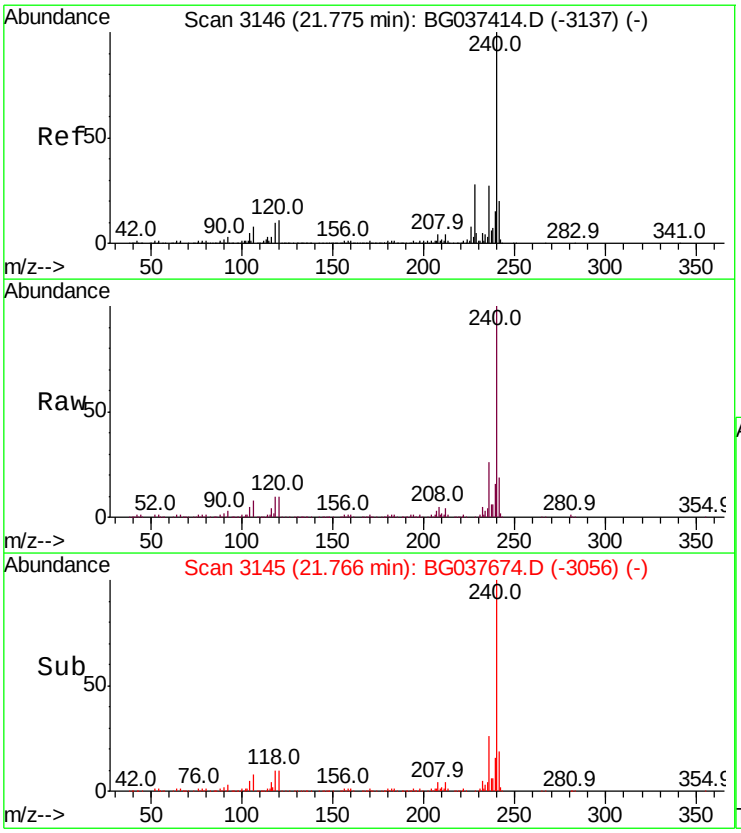
#67
4-Bromophenyl-phenylether
Concen: 2.661 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11347

Ion	Ratio	Lower	Upper
248	100		
250	212.5	77.0	115.6#
141	424.4	55.5	83.3#

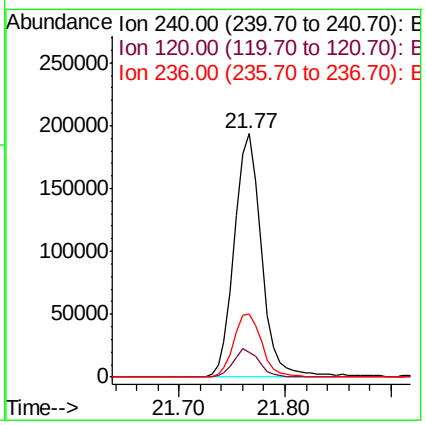


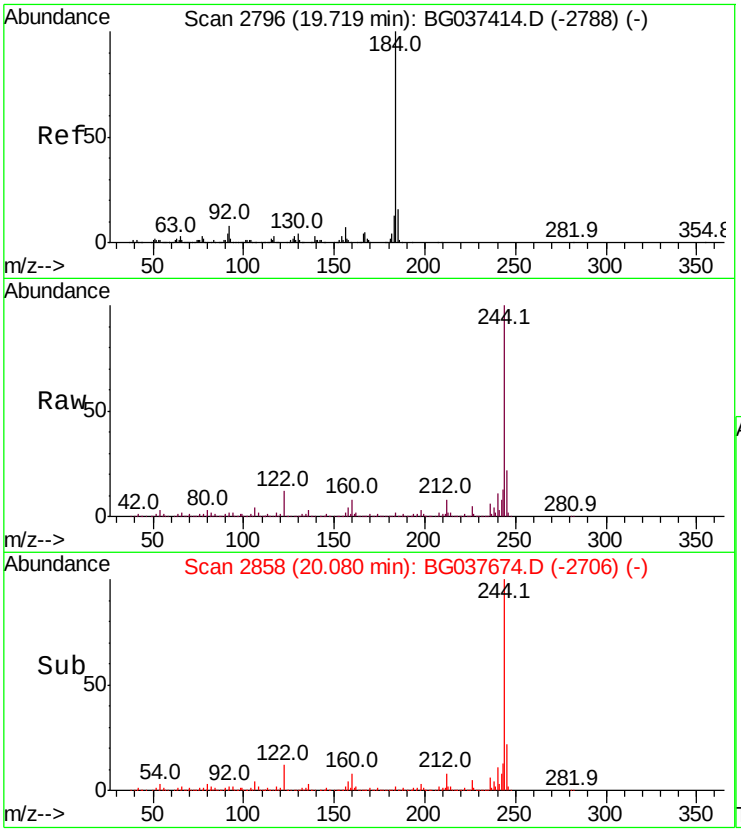


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:240 Resp: 345223

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	26.1	21.4	32.0



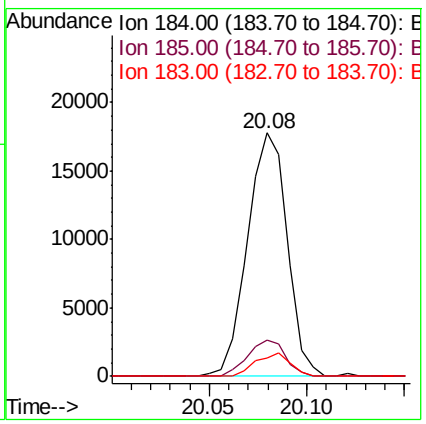


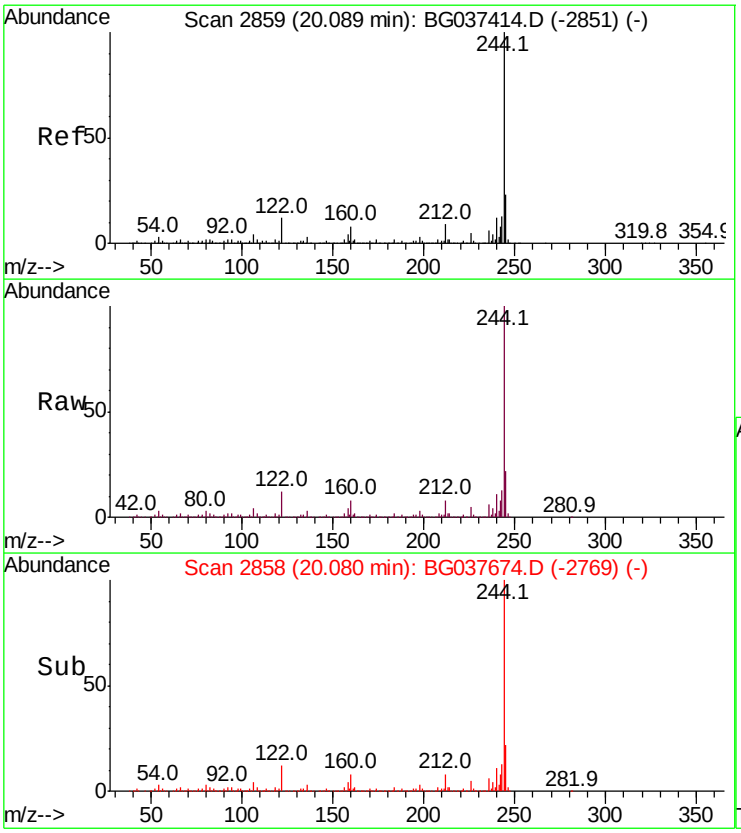
#77
Benzidine
Concen: 2.126 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24951

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	7.3	10.2	15.2#

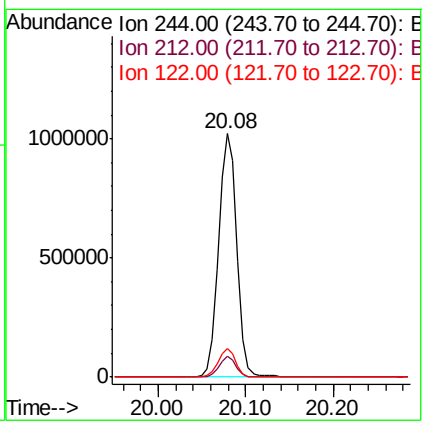


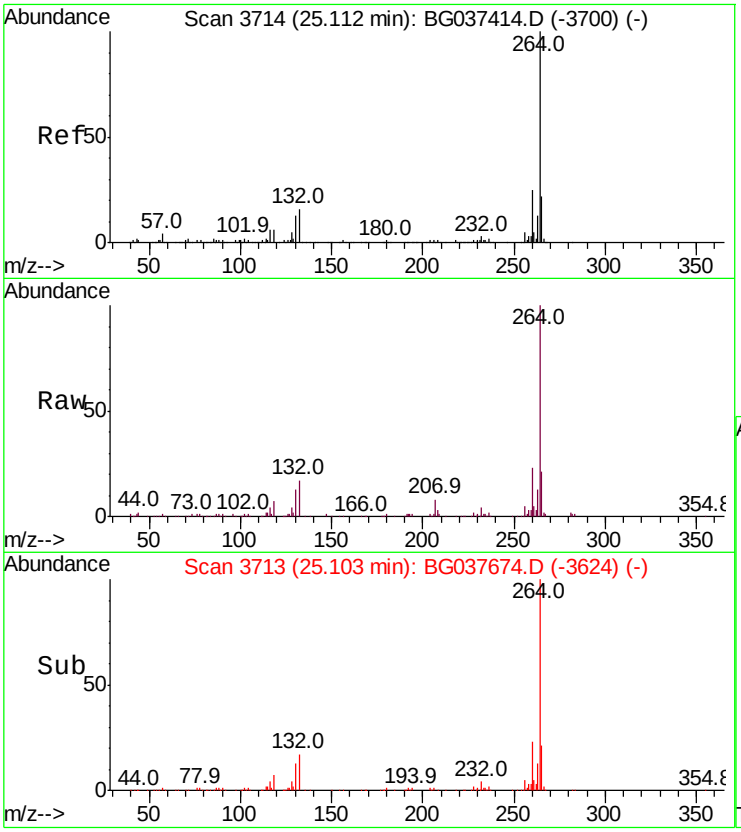


#79
Terphenyl-d14
Concen: 90.930 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Tgt Ion:244 Resp: 1469102

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.7	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037674.D
Acq: 31 Oct 2018 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 322532

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.8	17.9	26.9