Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037565.D
Acq On : 26 Oct 2018 4:46
Operator : JU/SJ
Sample : J5649-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 26 08:09:04 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	8.11	152	61387	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	274717	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	190268	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	447478	20.00	ng		0.00
76) Chrysene-d12	21.77	240	401985	20.00	ng		0.00
87) Perylene-d12	25.10	264	400337	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	209090	56.94	ng		0.00
7) Phenol-d6	7.24	99	190709	34.35	ng		0.00
23) Nitrobenzene-d5	9.28	82	399735	81.51	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	265089	127.74	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	977244	77.45	ng		0.00
79) Terphenyl-d14	20.08	244	1432902	76.17	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	74401	12.700	ng		98
19) n-Nitroso-di-n-propylamine	9.28	70	50431	13.190	ng	#	74
50) Dimethylphthalate	14.18	163	65605	4.457	ng		98
51) 2,6-Dinitrotoluene	14.73	165	24330	7.472	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	24330	5.692	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.23	198	1058	8.878	ng		77
67) 4-Bromophenyl-phenylether	16.22	248	18894	3.845	ng	#	1

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

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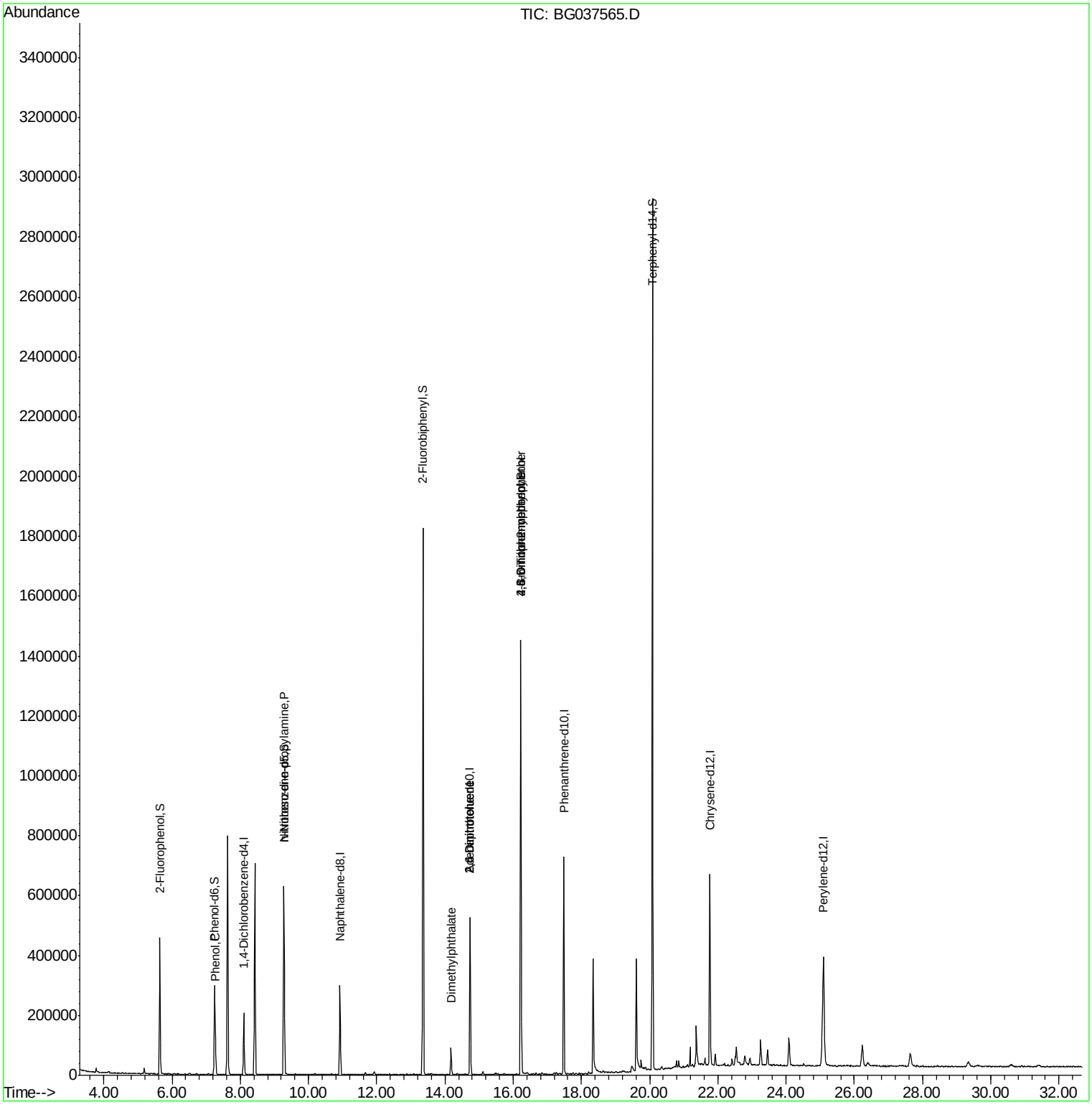
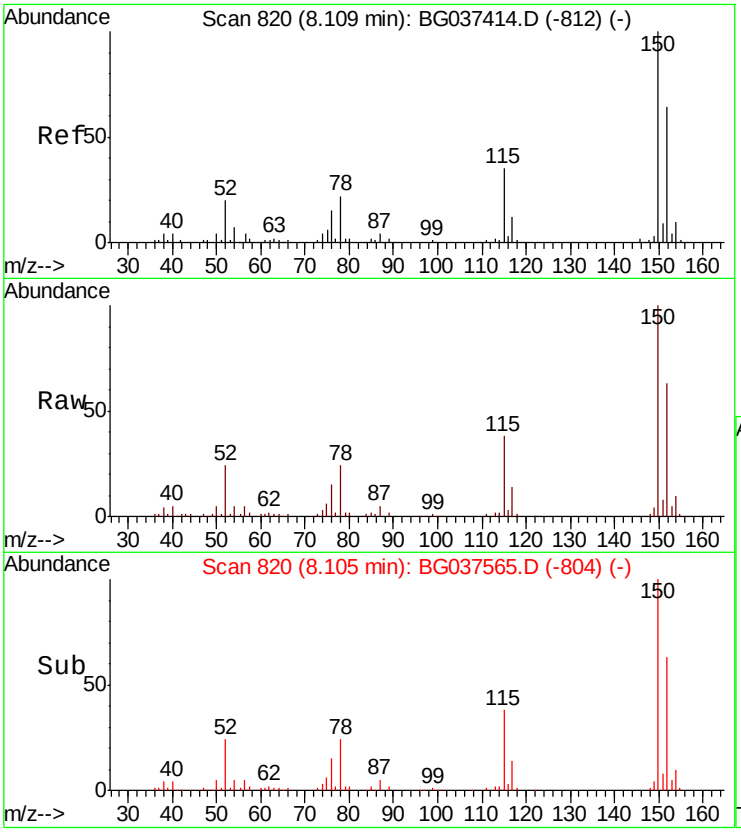


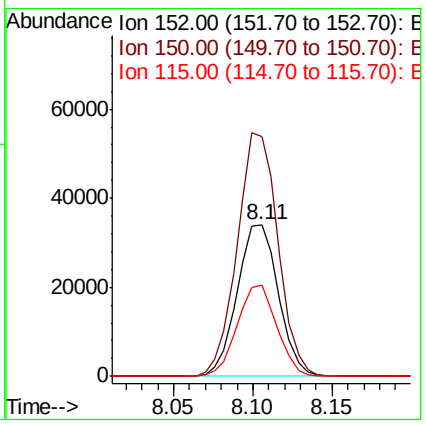


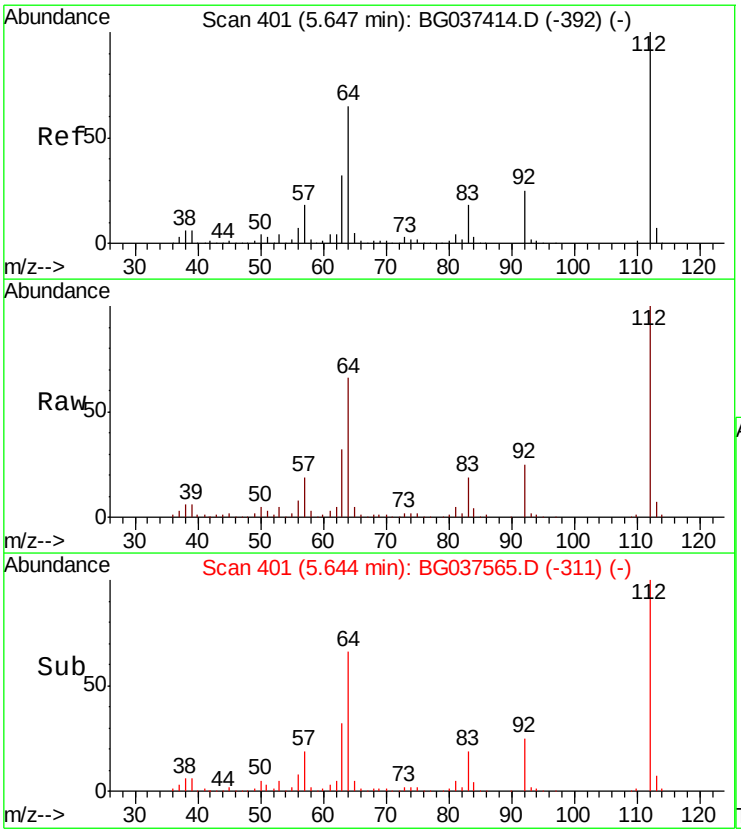
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 61387

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	59.7	45.5	68.3

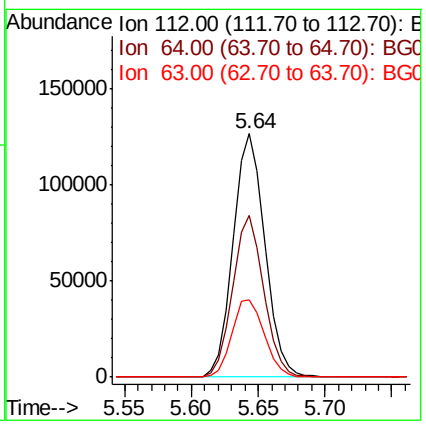


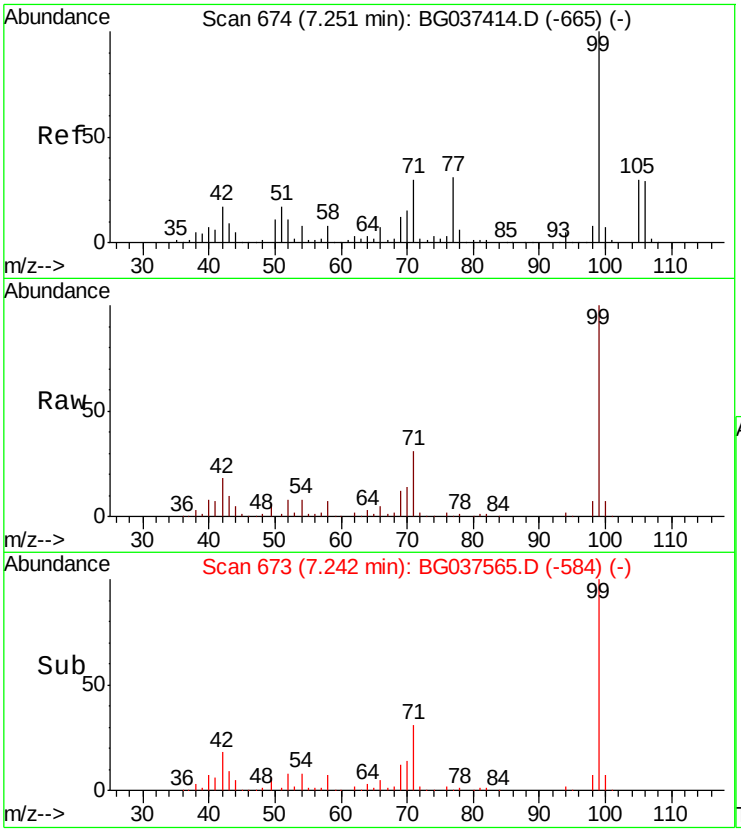


#5
2-Fluorophenol
Concen: 56.945 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:112 Resp: 209090

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	31.9	27.3	40.9



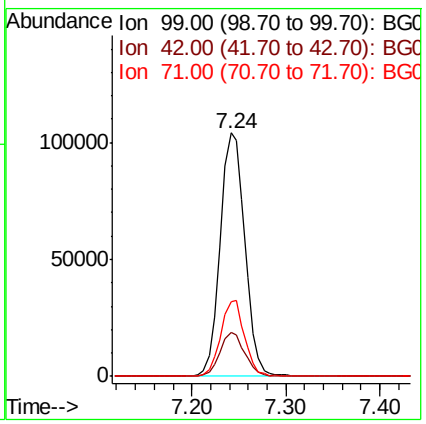


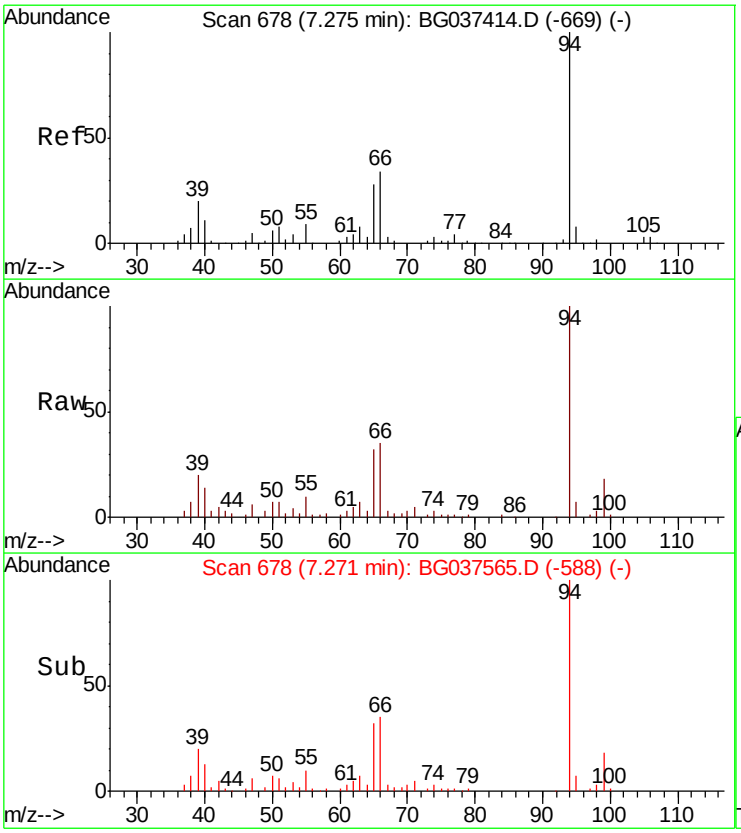
#7
Phenol-d6
Concen: 34.348 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 190709

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	30.7	25.5	38.3

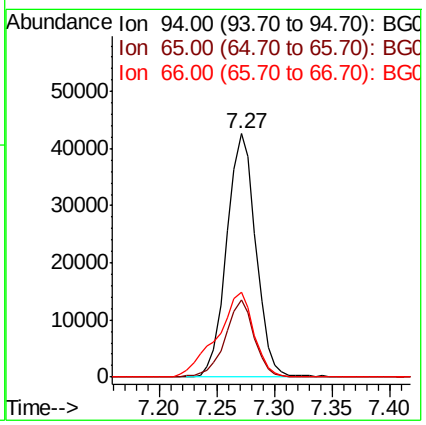


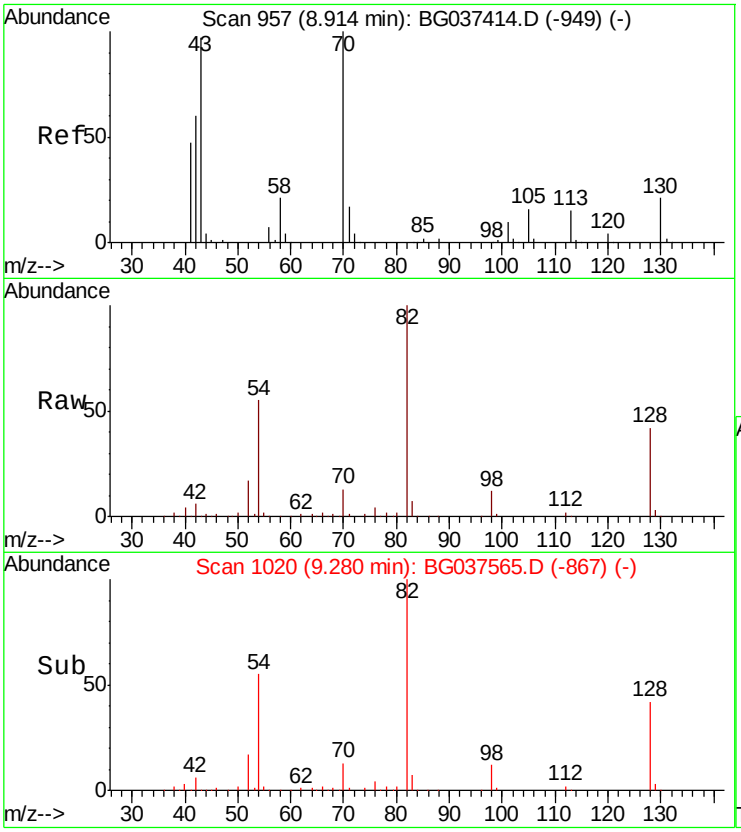


#10
Phenol
Concen: 12.700 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion: 94 Resp: 74401

Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.7	49.7
66	35.0	15.9	55.9



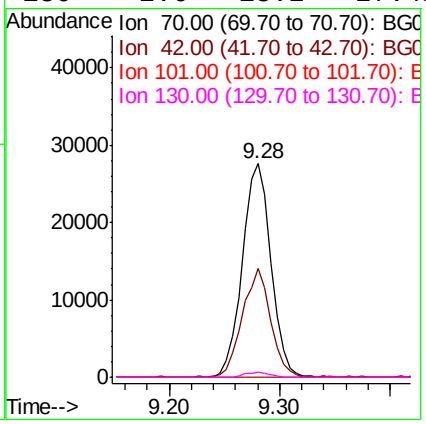


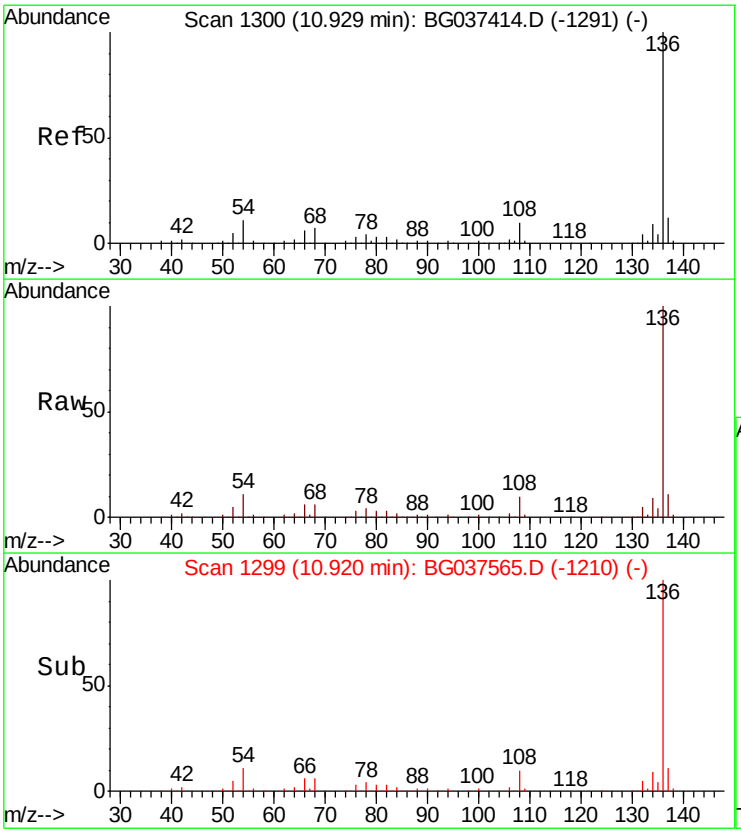
#19
n-Nitroso-di-n-propylamine
Concen: 13.190 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 50431

Ion	Ratio	Lower	Upper
70	100		
42	51.0	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#

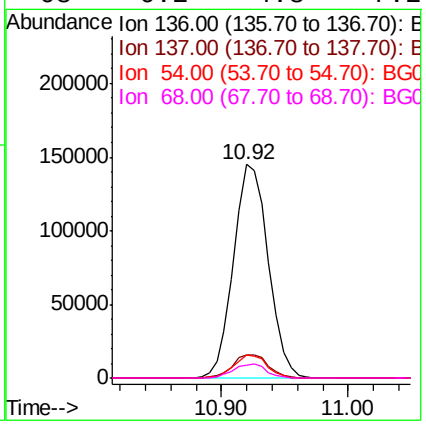


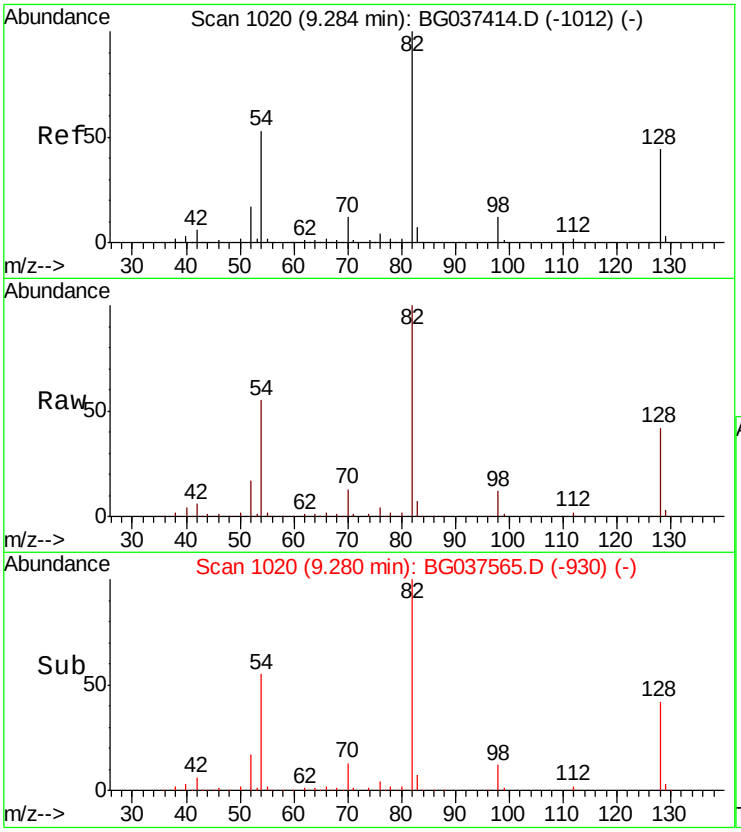


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:136 Resp: 274717

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	11.1	7.9	11.9
68	6.2	4.8	7.2



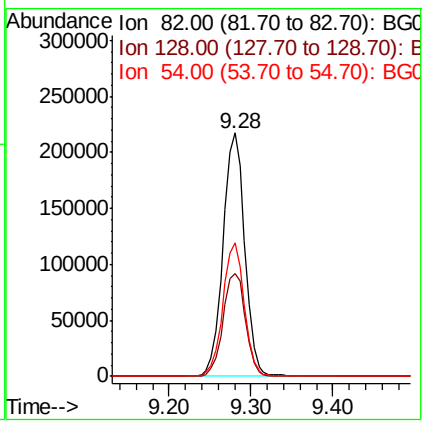


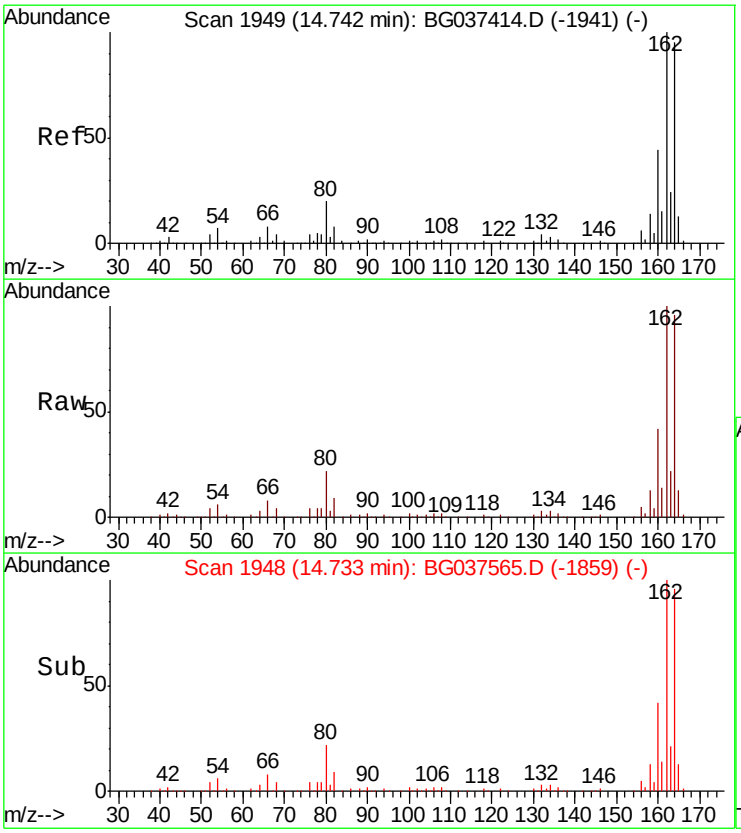
#23
Nitrobenzene-d5
Concen: 81.512 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 399735

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	54.7	45.3	67.9

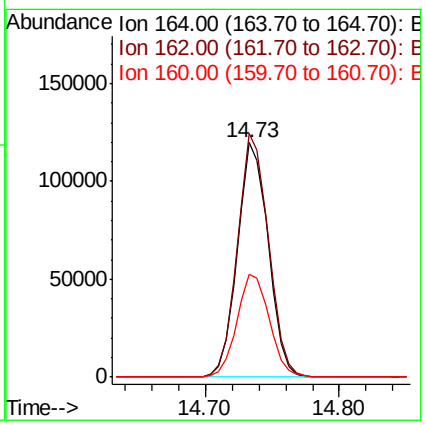


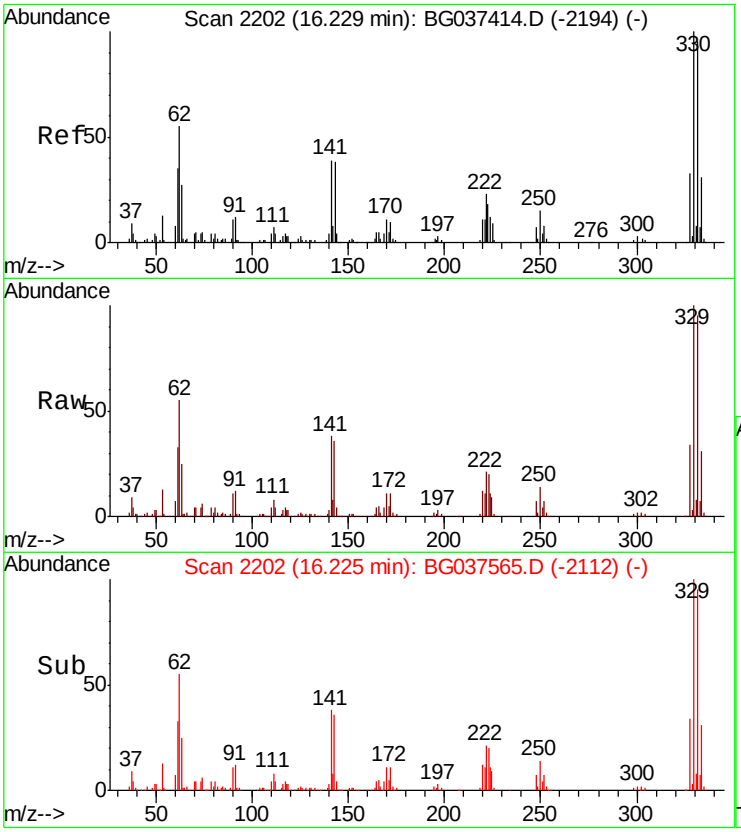


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:164 Resp: 190268

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	43.8	36.3	54.5



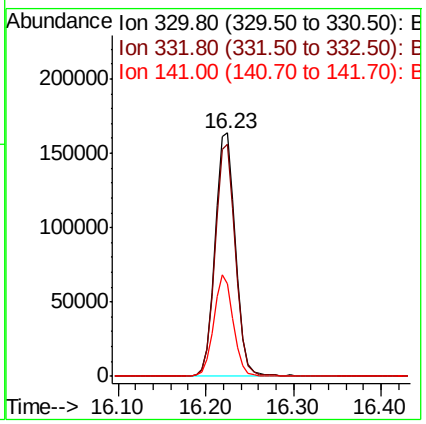


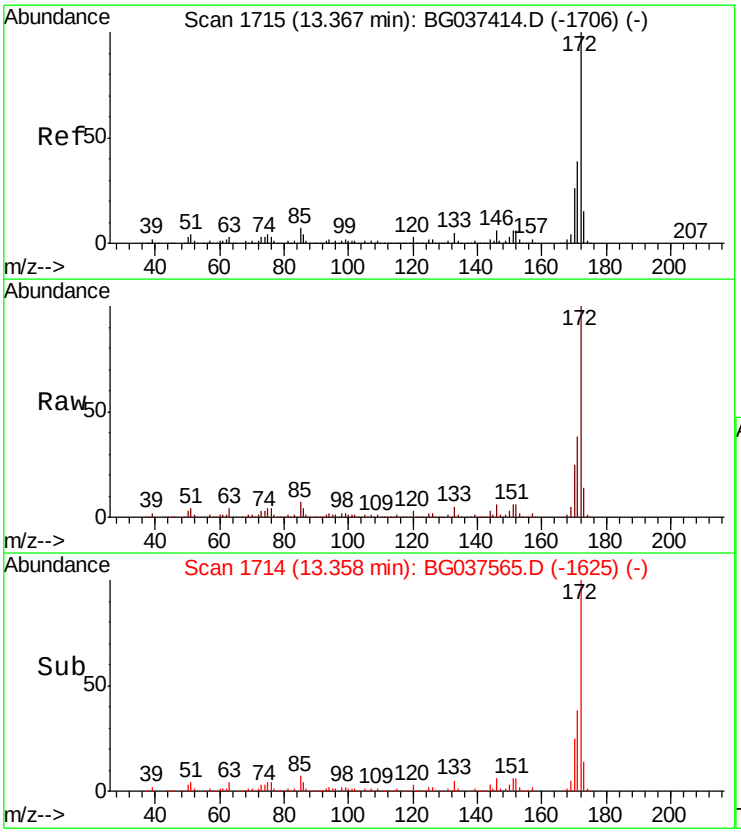
#42
2,4,6-Tribromophenol
Concen: 127.739 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 265089

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.7	32.2	48.2

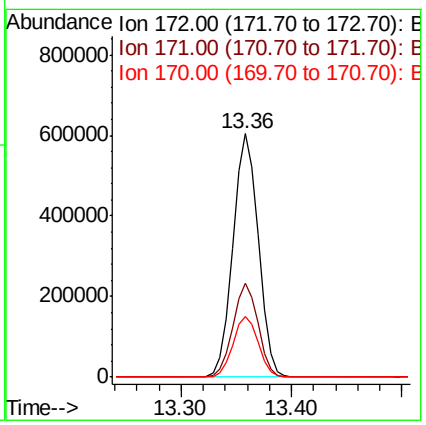


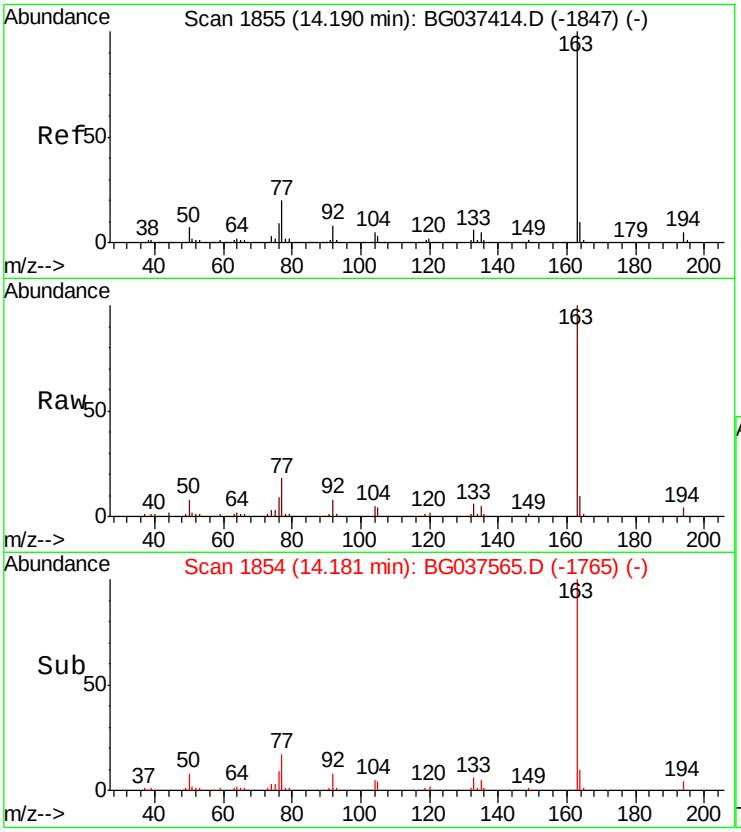


#45
2-Fluorobiphenyl
Concen: 77.450 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:172 Resp: 977244

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.1	20.2	30.2



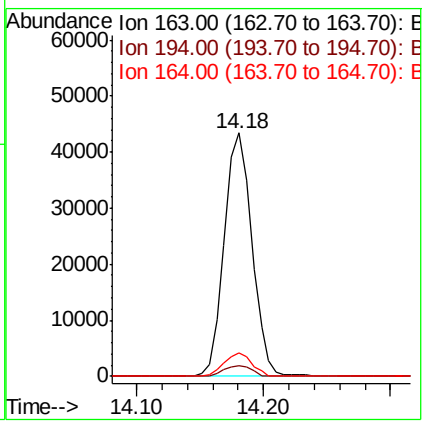


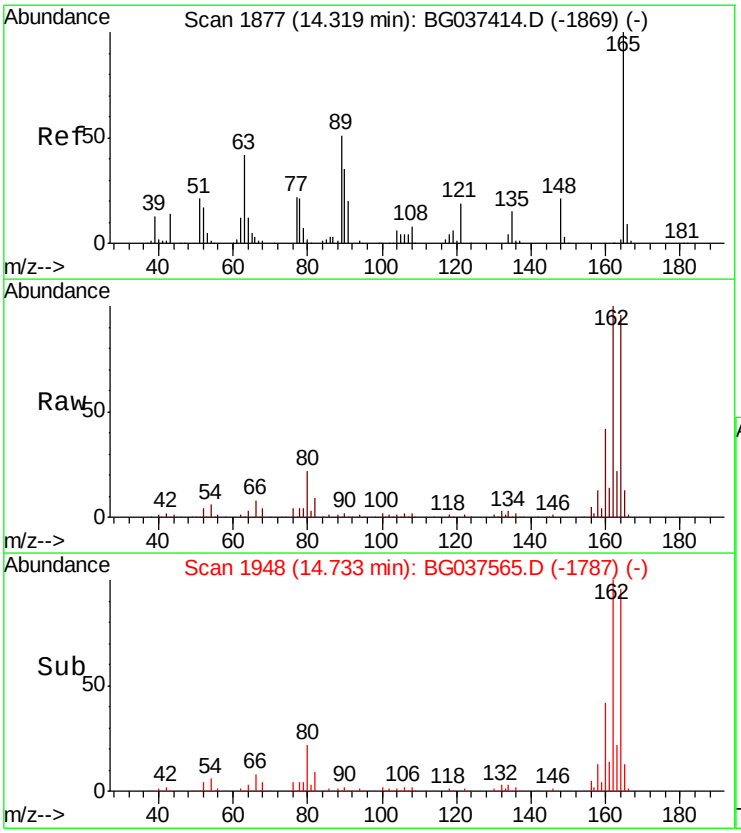
#50
Dimethylphthalate
Concen: 4.457 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 65605

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.5	12.7

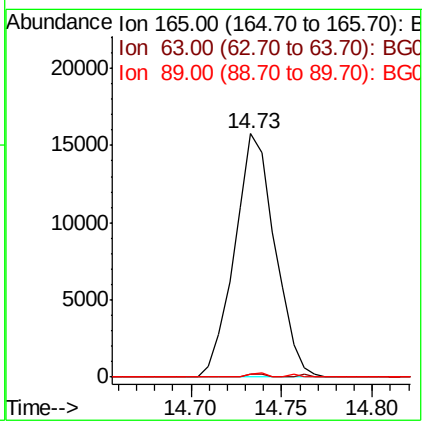


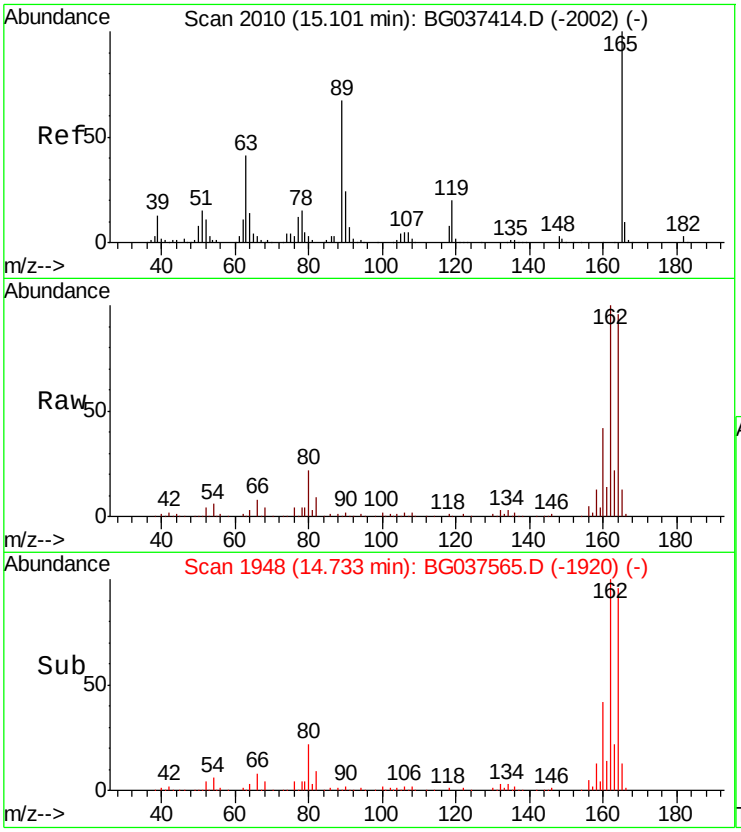


#51
2,6-Dinitrotoluene
Concen: 7.472 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:165 Resp: 24330

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.1	45.8	68.6#



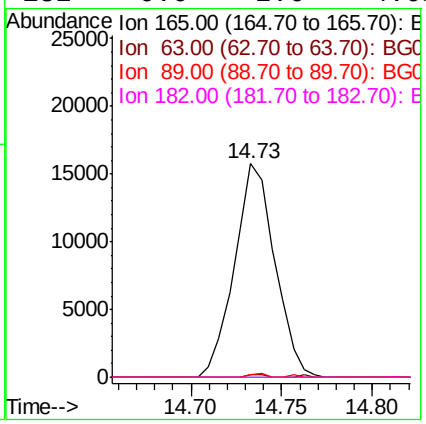


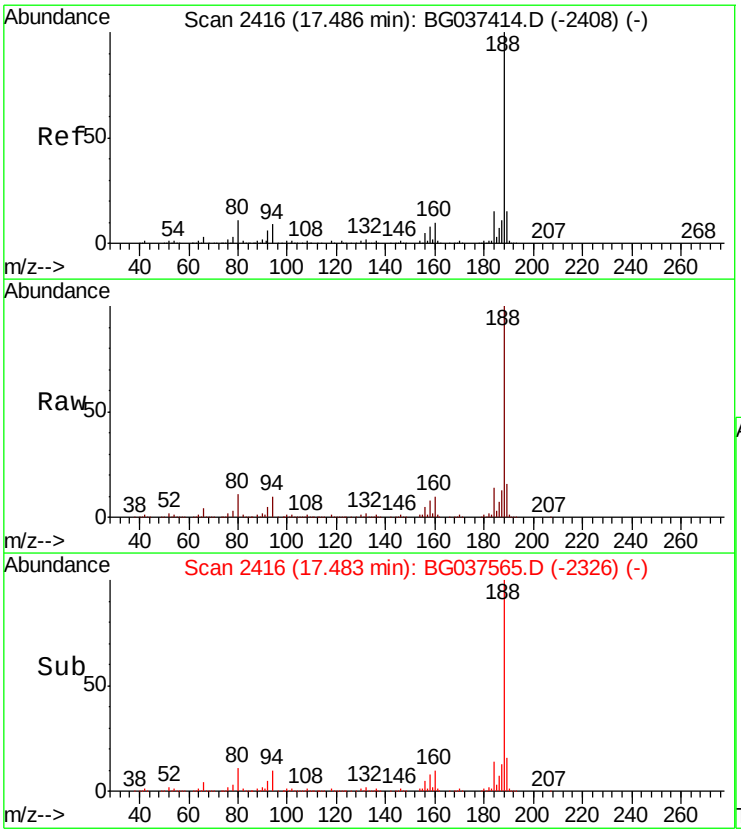
#57
2,4-Dinitrotoluene
Concen: 5.692 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24330

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.1	57.2	85.8#
182	0.0	2.6	4.0#

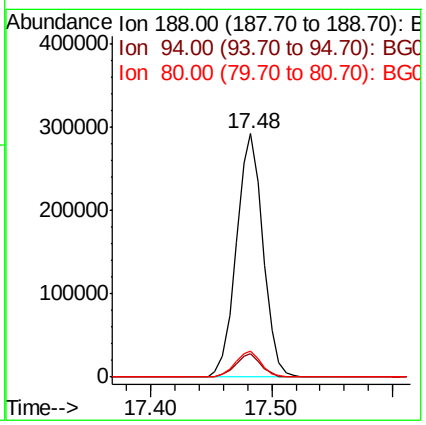


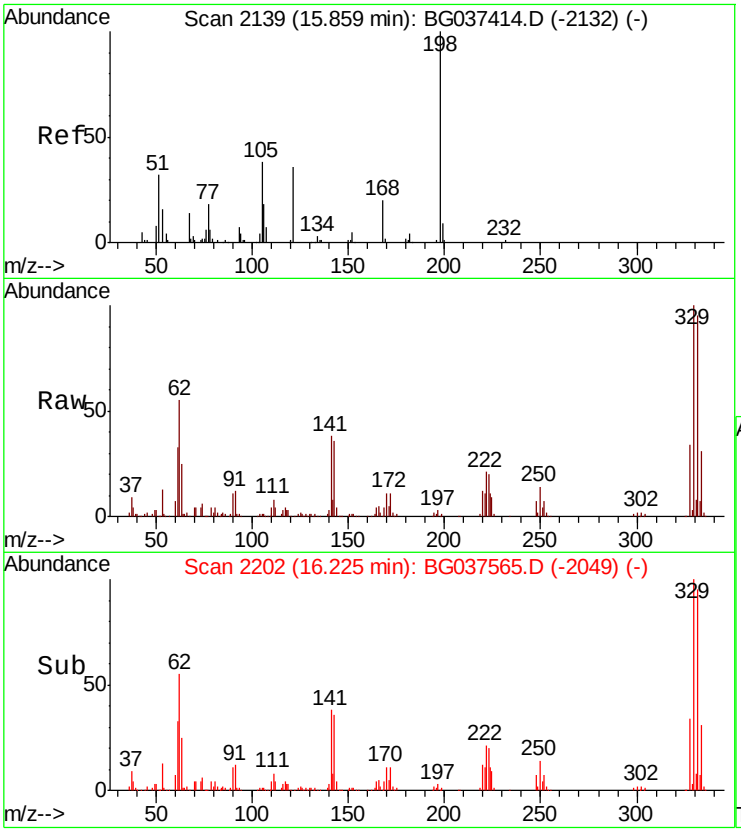


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:188 Resp: 447478

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.7	7.7	11.5



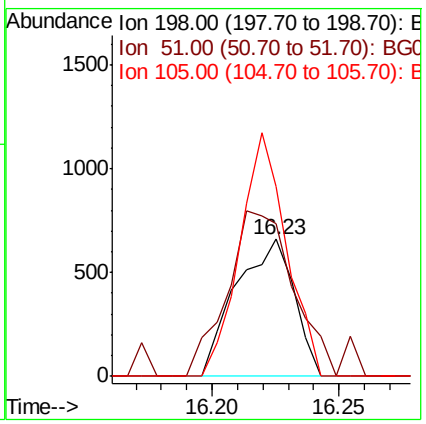


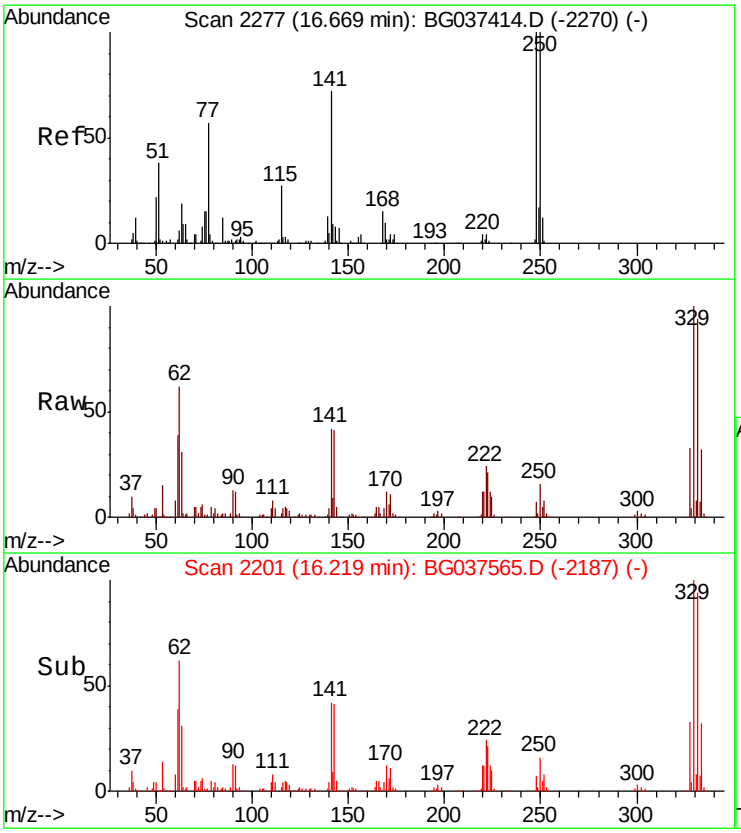
#65
4,6-Dinitro-2-methylphenol
Concen: 8.878 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1058

Ion	Ratio	Lower	Upper
198	100		
51	23.7	22.7	62.7
105	29.4	19.7	59.7

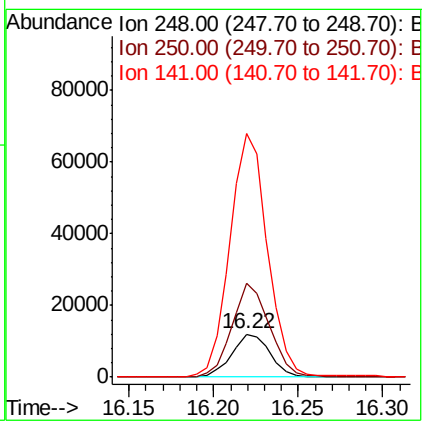


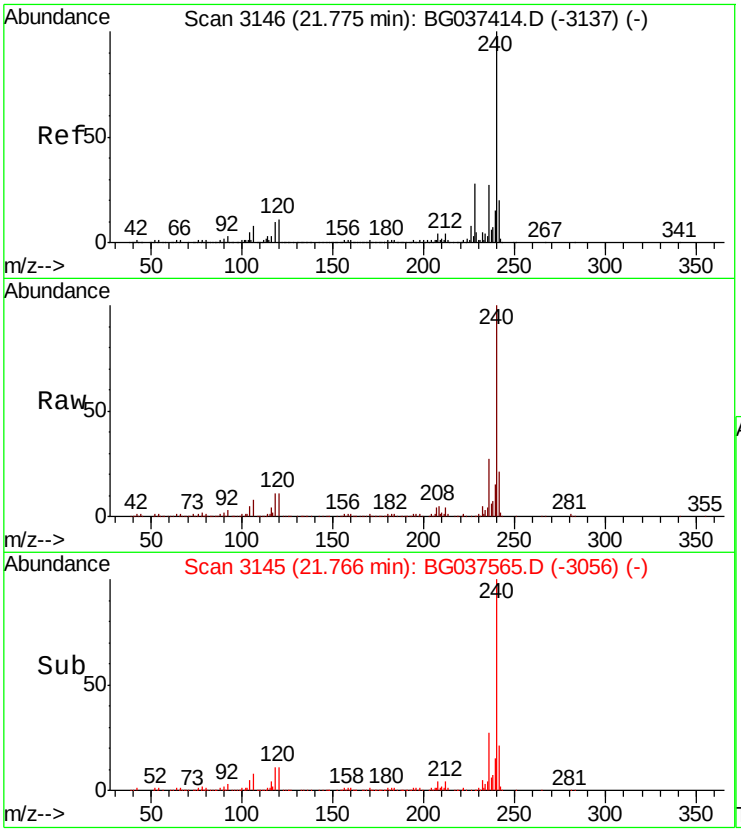


#67
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:248 Resp: 18894

Ion	Ratio	Lower	Upper
248	100		
250	214.1	77.0	115.6#
141	430.2	55.5	83.3#



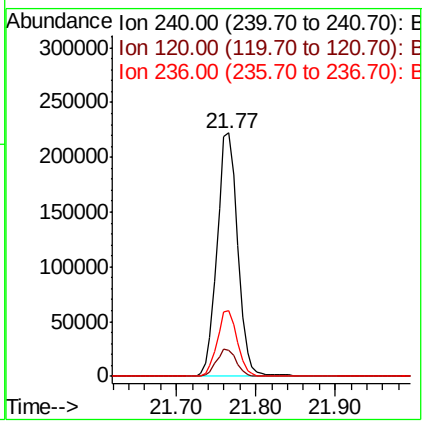


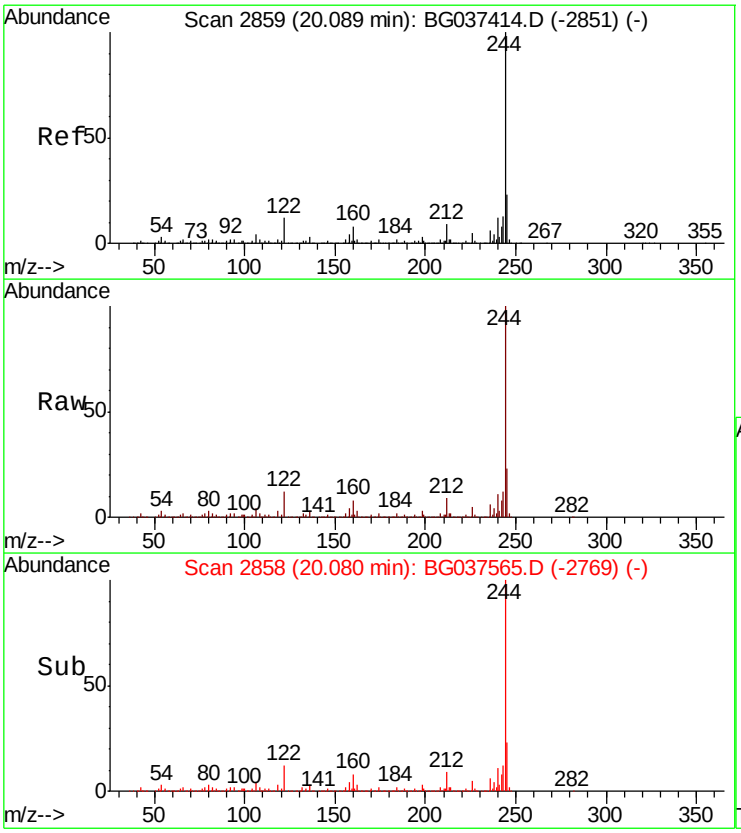
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 401985

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.8	21.4	32.0

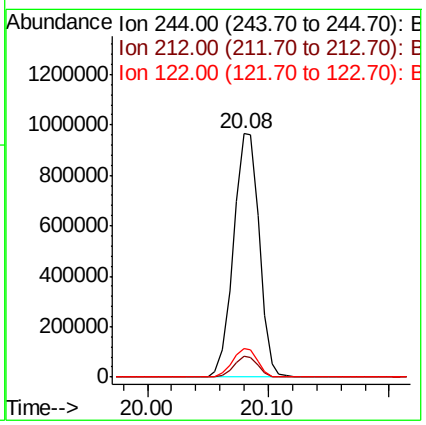


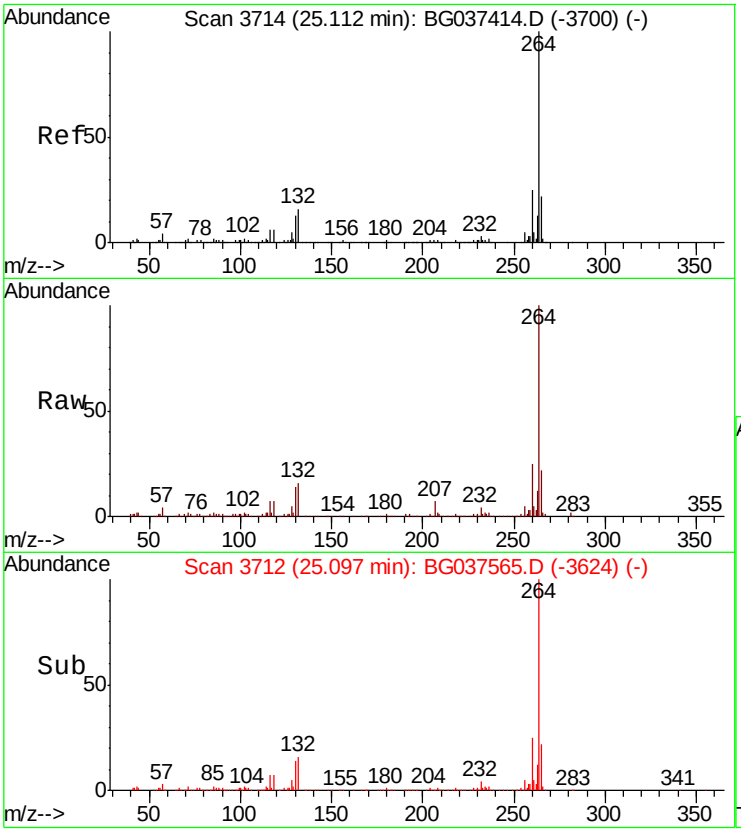


#79
Terphenyl-d14
Concen: 76.166 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:244 Resp: 1432902

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	12.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 400337

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.9	17.9	26.9