Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
Data File : BG037264.D
Acq On : 11 Oct 2018 19:19
Operator : JU/SJ
Sample : PB113765TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113765TB

Quant Time: Oct 12 06:50:33 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	46813	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	193716	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	128391	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	350979	20.00	ng		0.00
76) Chrysene-d12	21.79	240	365078	20.00	ng		0.00
87) Perylene-d12	25.14	264	361392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	297565	111.87	ng		0.00
7) Phenol-d6	7.25	99	416099	103.06	ng		0.00
23) Nitrobenzene-d5	9.30	82	213904	72.60	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	136280	108.23	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	583622	68.27	ng		0.00
79) Terphenyl-d14	20.10	244	1131010	65.05	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	27416	8.969	ng	#	76
48) 2-Nitroaniline	13.38	65	781	6.073	ng	#	4
51) 2,6-Dinitrotoluene	14.76	165	15752	12.042	ng	#	23
57) 2,4-Dinitrotoluene	14.76	165	15752	10.977	ng	#	23
65) 4,6-Dinitro-2-methylphenol	16.24	198	349	6.224	ng		83
67) 4-Bromophenyl-phenylether	16.24	248	10754	2.839	ng	#	1

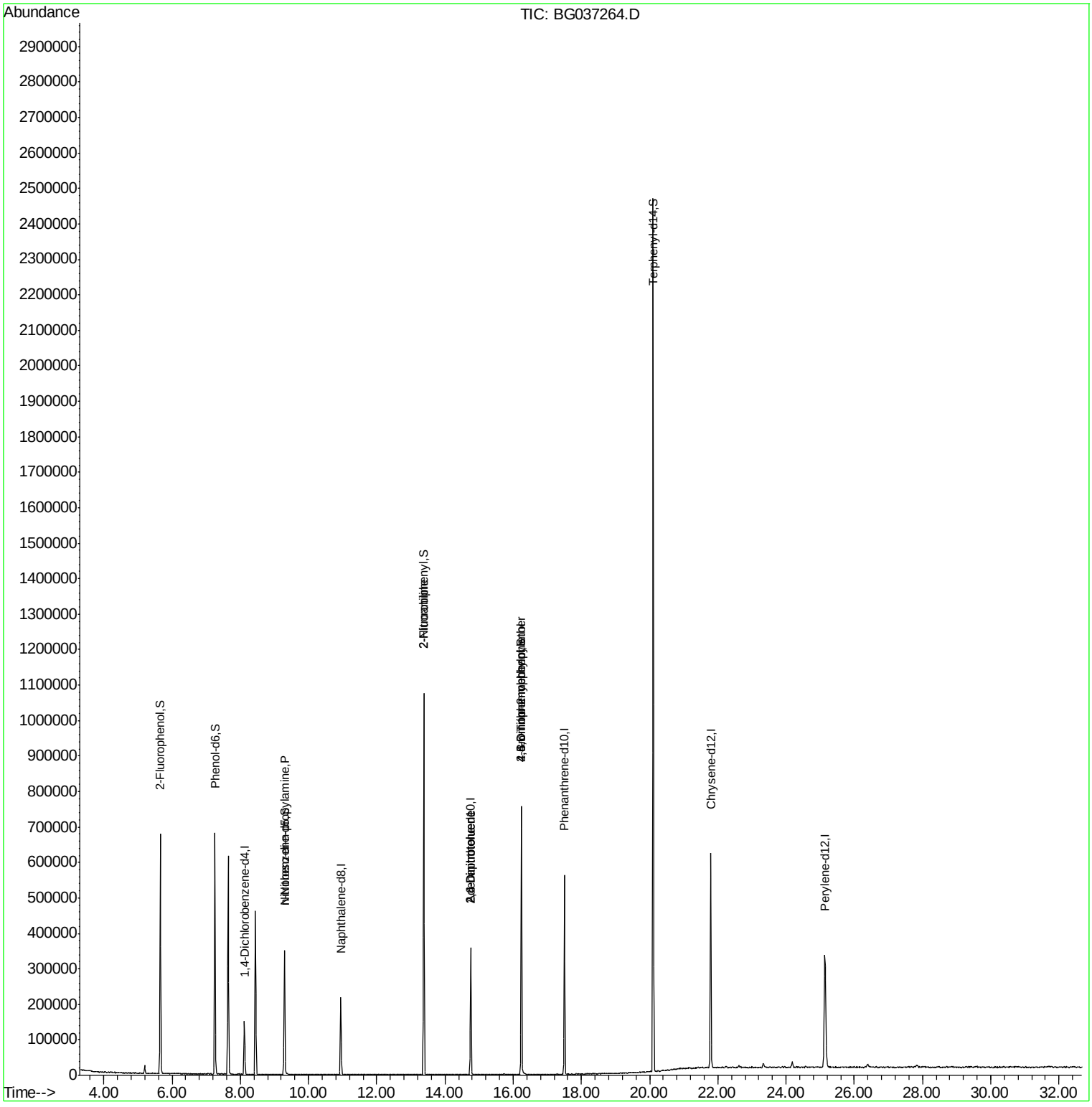
(#) = qualifier out of range (m) = manual integration (+) = signals summed

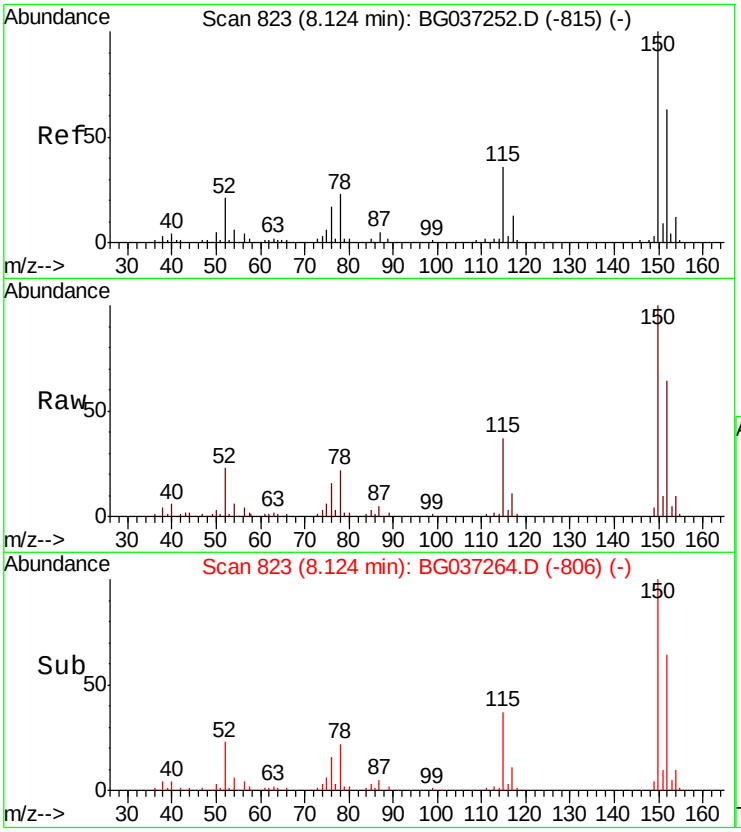
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
Data File : BG037264.D
Acq On : 11 Oct 2018 19:19
Operator : JU/SJ
Sample : PB113765TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Quant Time: Oct 12 06:50:33 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



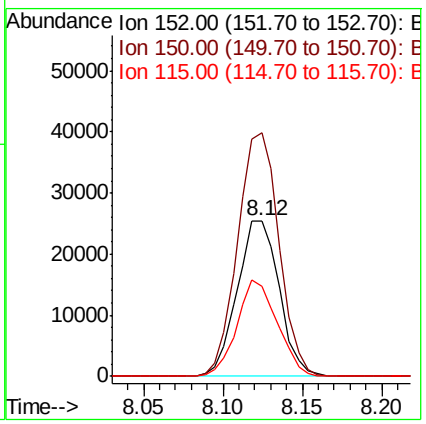


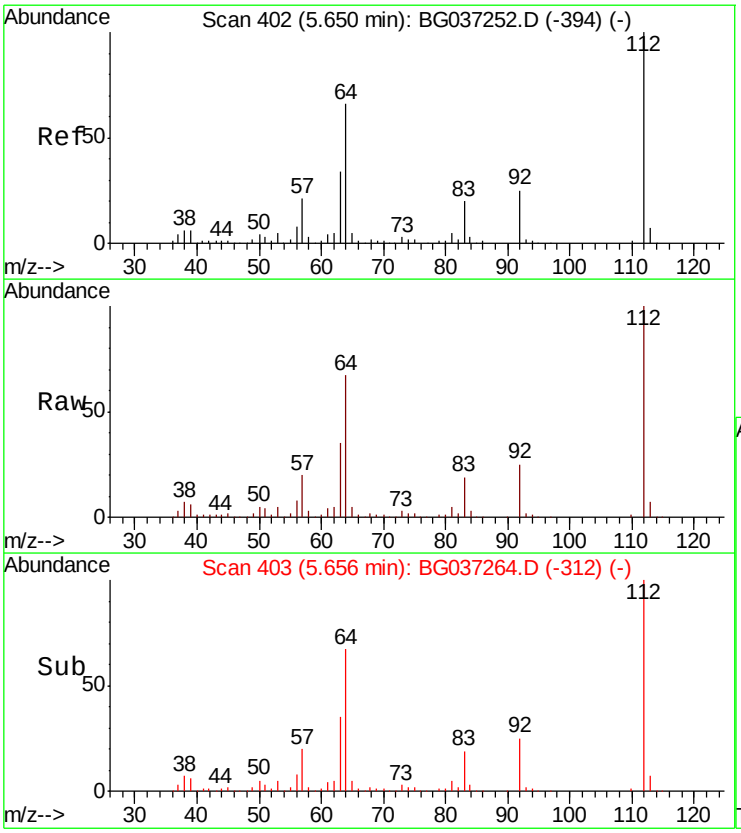
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:152 Resp: 46813

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.0	189.0
115	57.5	45.5	68.3

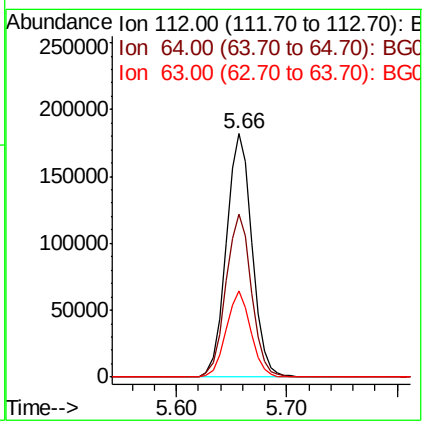


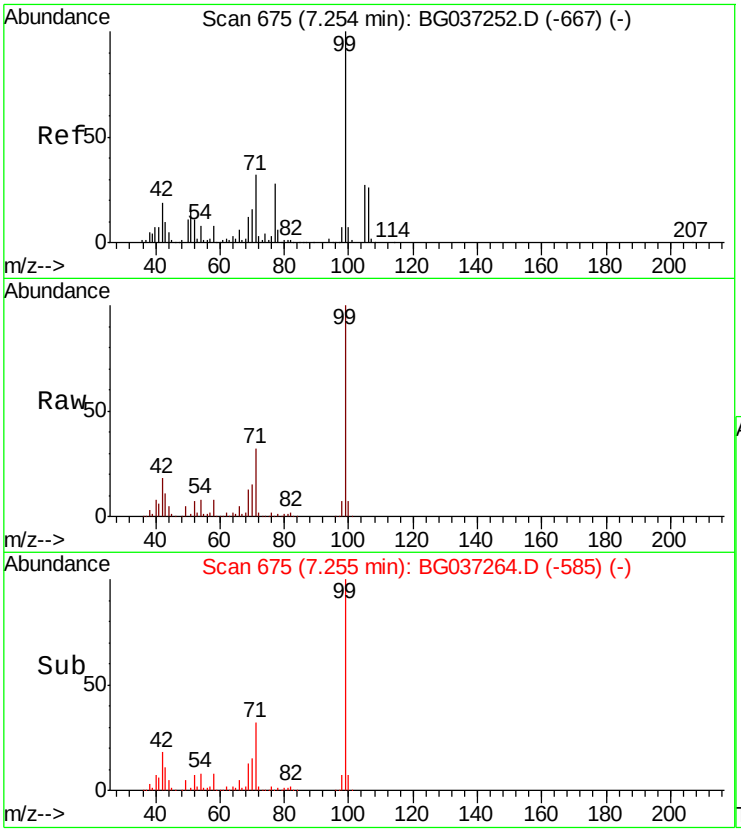


#5
2-Fluorophenol
Concen: 111.868 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:112 Resp: 297565

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	35.5	27.3	40.9



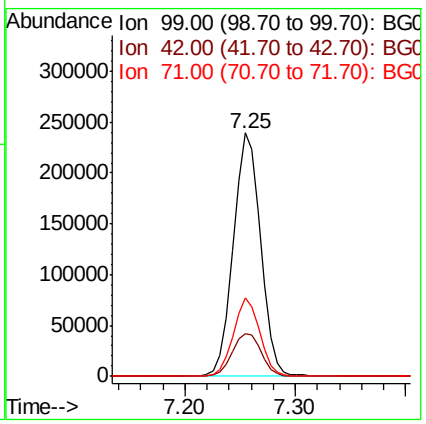


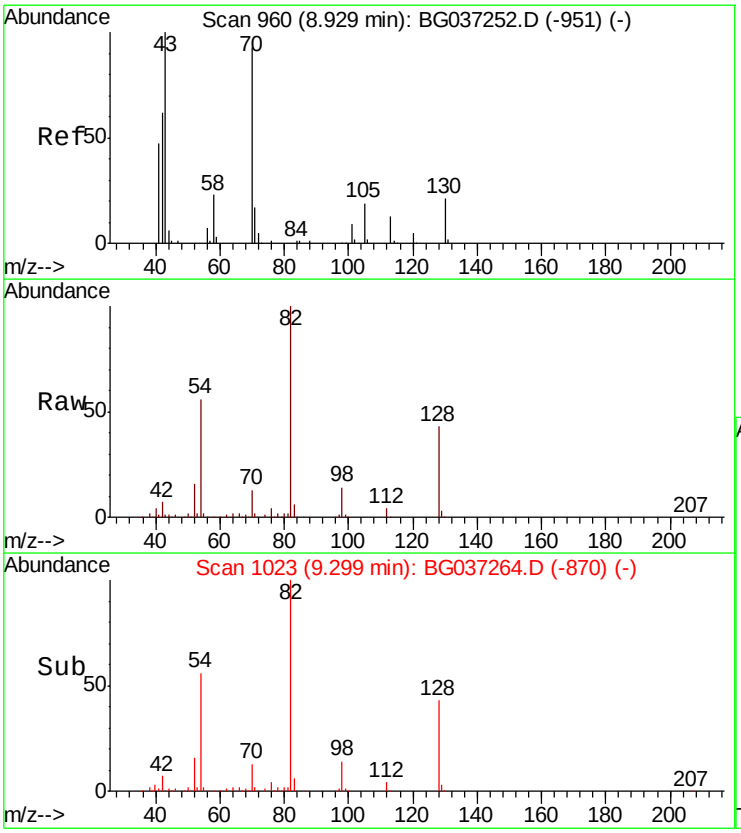
#7
Phenol-d6
Concen: 103.061 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion: 99 Resp: 416099

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	32.1	25.5	38.3

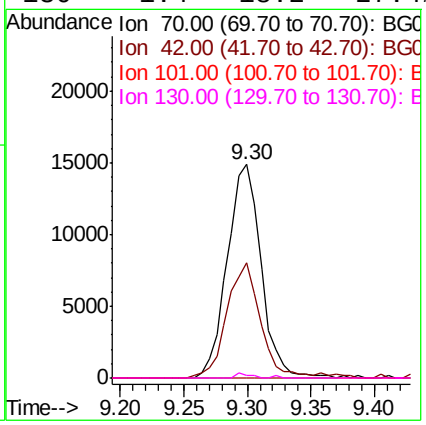


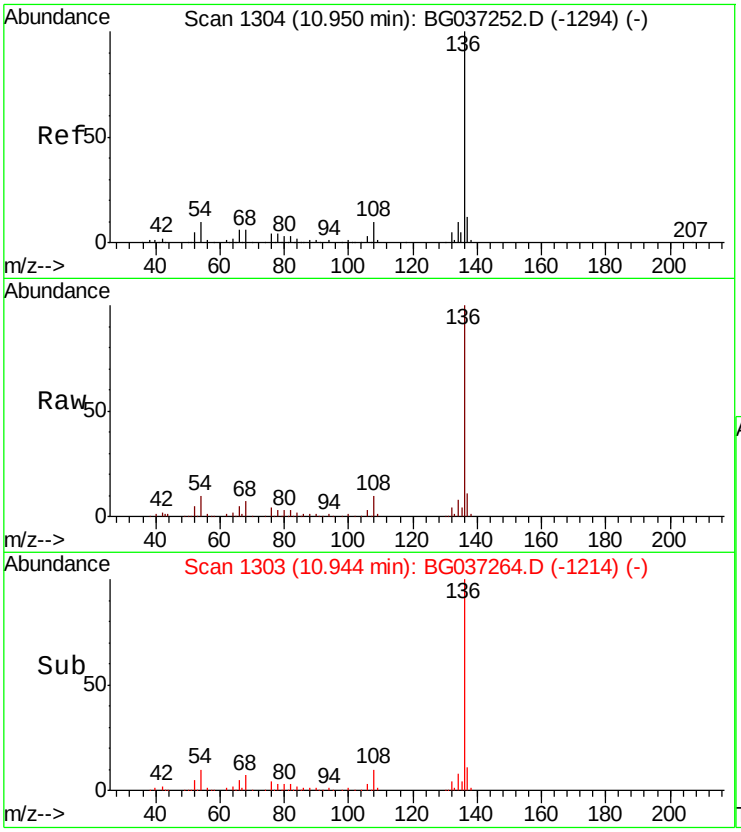


#19
n-Nitroso-di-n-propylamine
Concen: 8.969 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.37 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion: 70 Resp: 27416

Ion	Ratio	Lower	Upper
70	100		
42	53.8	53.9	80.9#
101	0.0	8.2	12.2#
130	1.4	18.2	27.4#



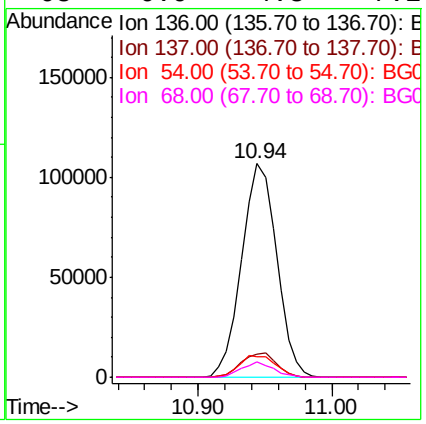


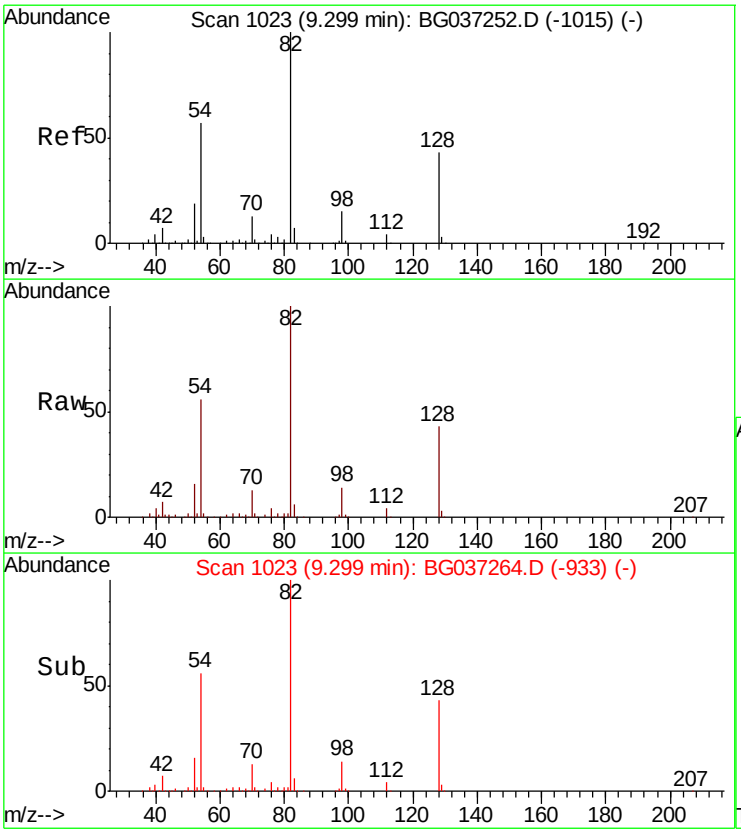
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:136 Resp: 193716

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.6	7.9	11.9
68	6.9	4.8	7.2

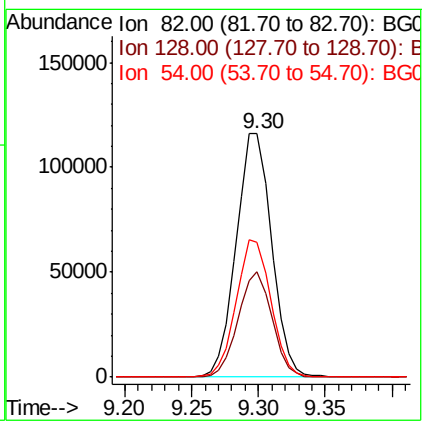


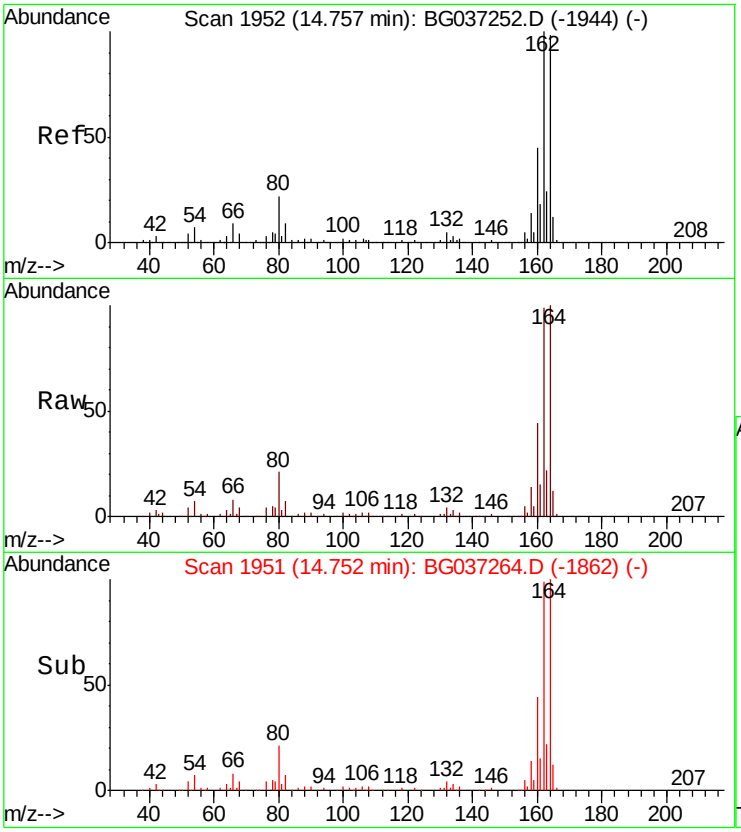


#23
Nitrobenzene-d5
Concen: 72.596 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion: 82 Resp: 213904

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	55.6	45.3	67.9



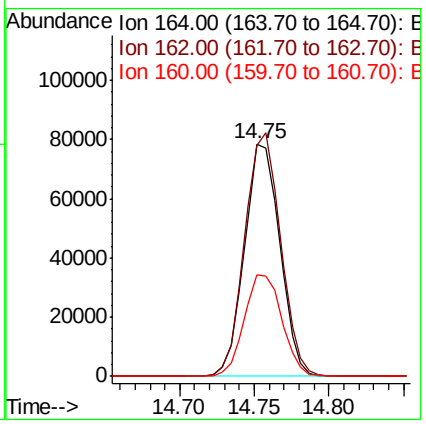


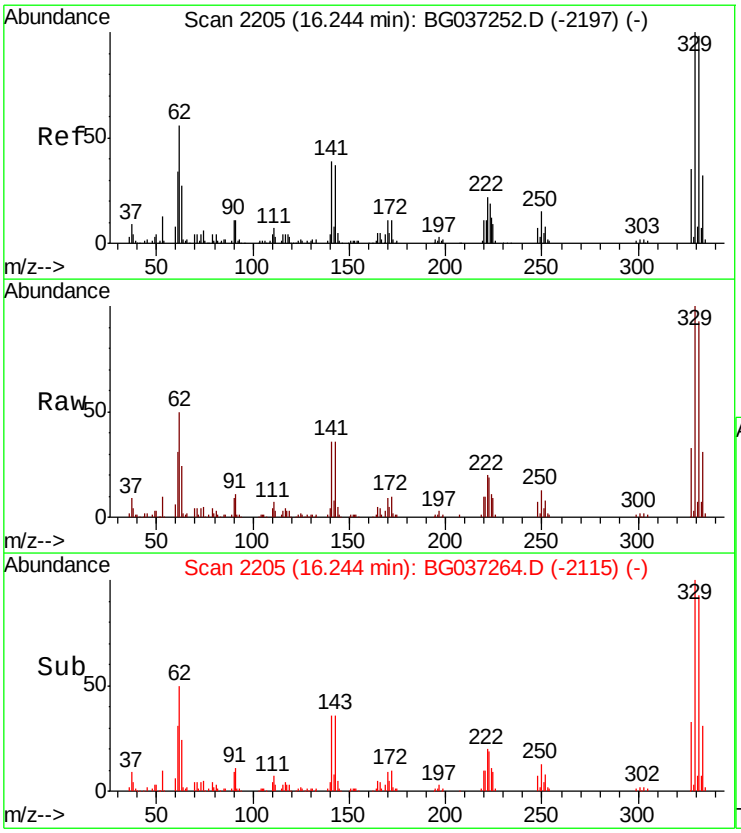
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:164 Resp: 128391

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.3	121.9
160	43.9	36.3	54.5

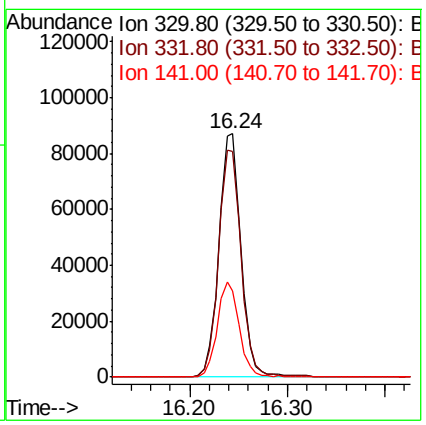


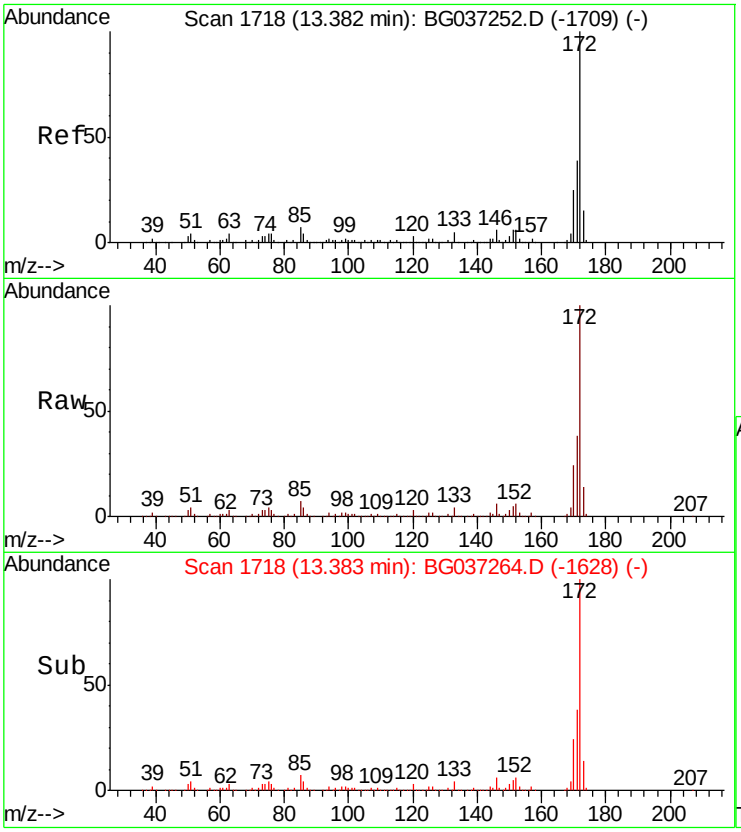


#42
2,4,6-Tribromophenol
Concen: 108.231 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:330 Resp: 136280

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	38.7	32.2	48.2



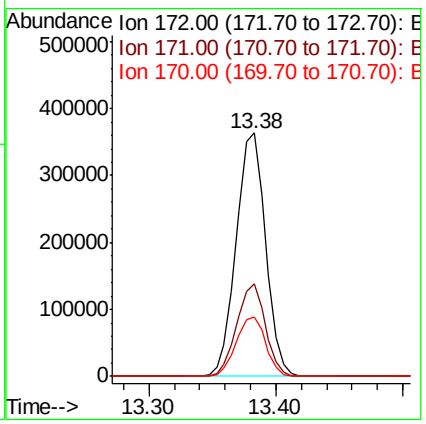


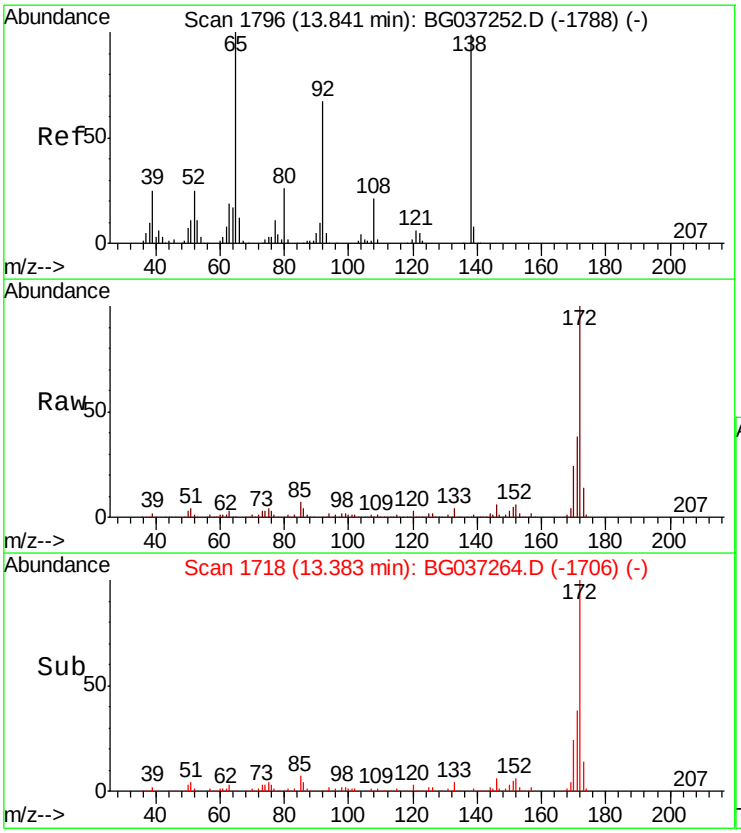
#45
2-Fluorobiphenyl
Concen: 68.265 ng
RT: 13.38 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:172 Resp: 583622

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.2	20.2	30.2

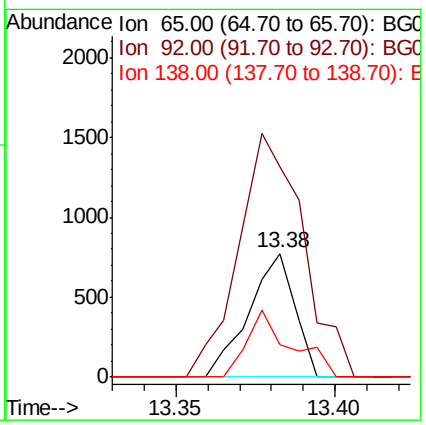


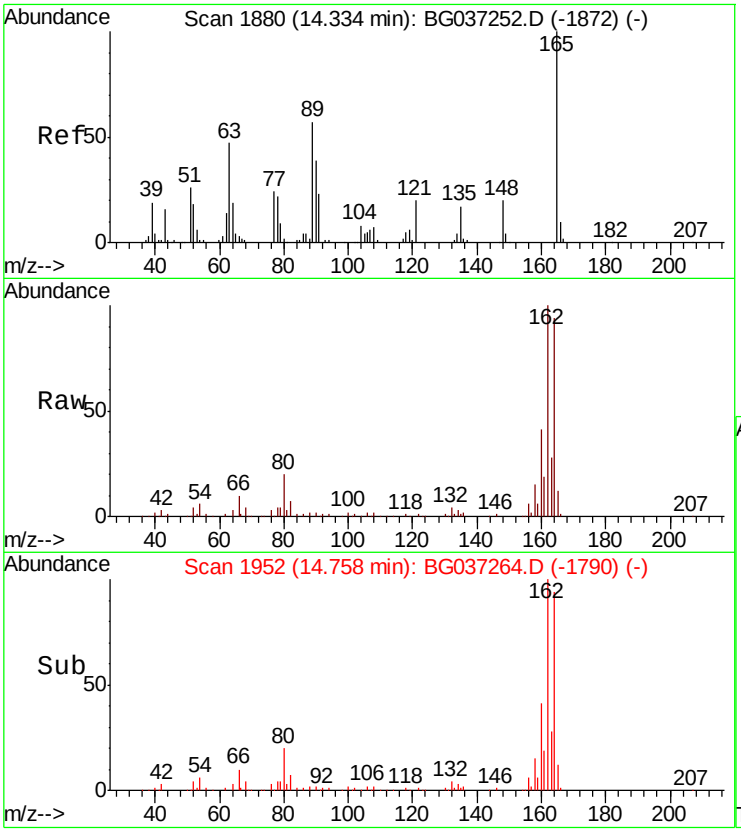


#48
2-Nitroaniline
Concen: 6.073 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.46 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion: 65 Resp: 781

Ion	Ratio	Lower	Upper
65	100		
92	169.4	53.2	79.8#
138	26.1	79.3	118.9#



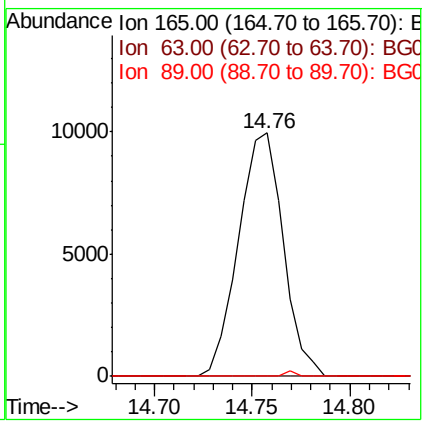


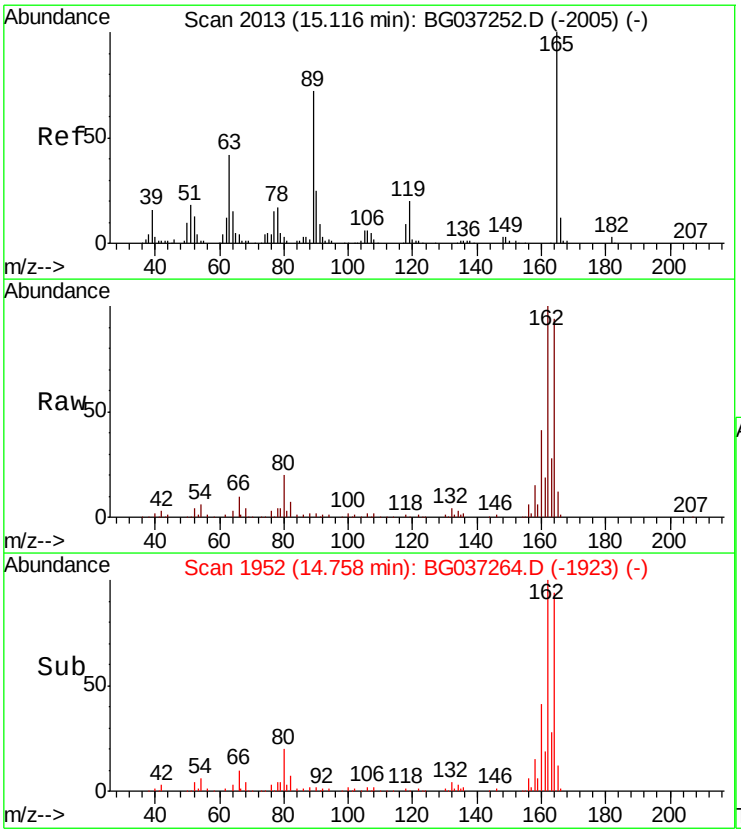
#51
2,6-Dinitrotoluene
Concen: 12.042 ng
RT: 14.76 min Scan# 1952
Delta R.T. 0.42 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:165 Resp: 15752

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

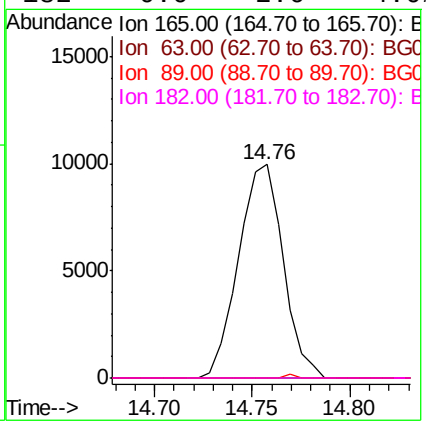


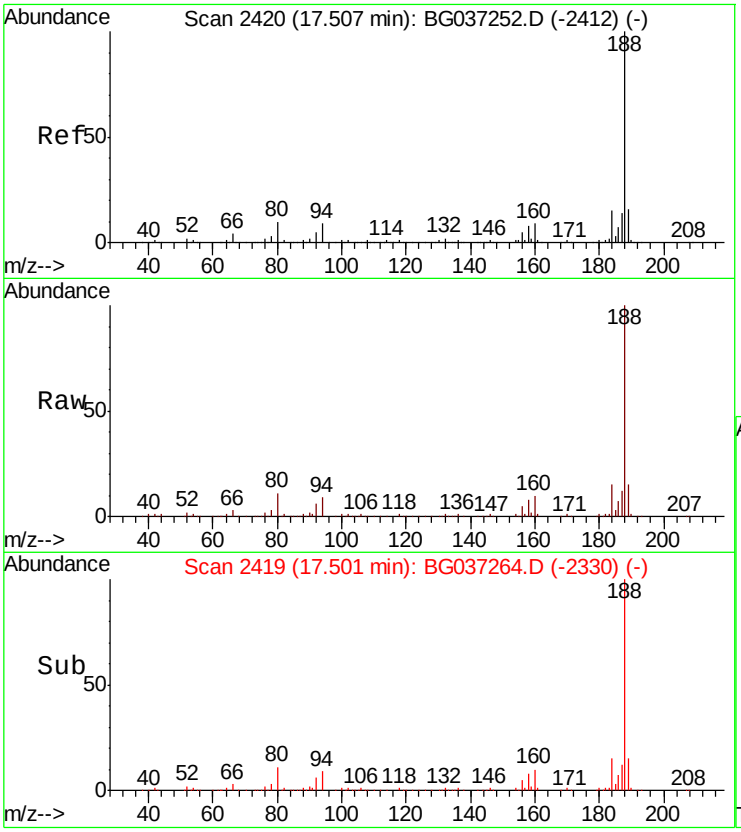


#57
2,4-Dinitrotoluene
Concen: 10.977 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.36 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:165 Resp: 15752

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



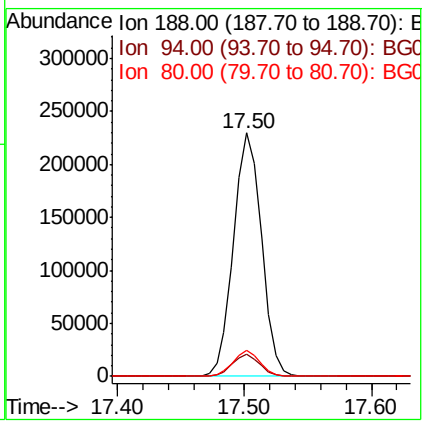


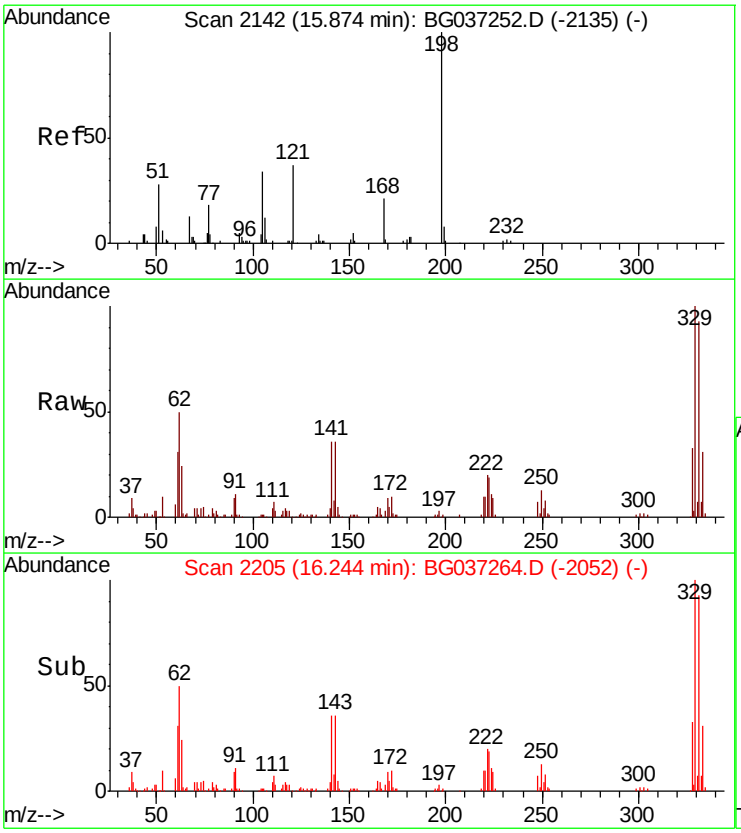
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:188 Resp: 350979

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.7	7.7	11.5

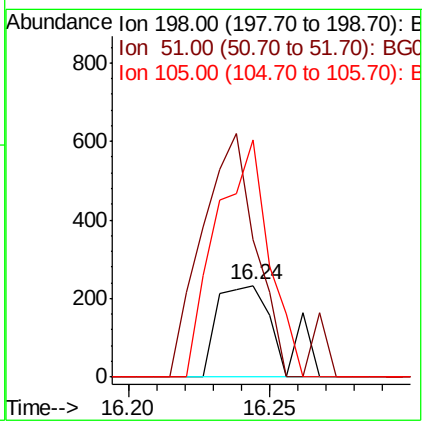


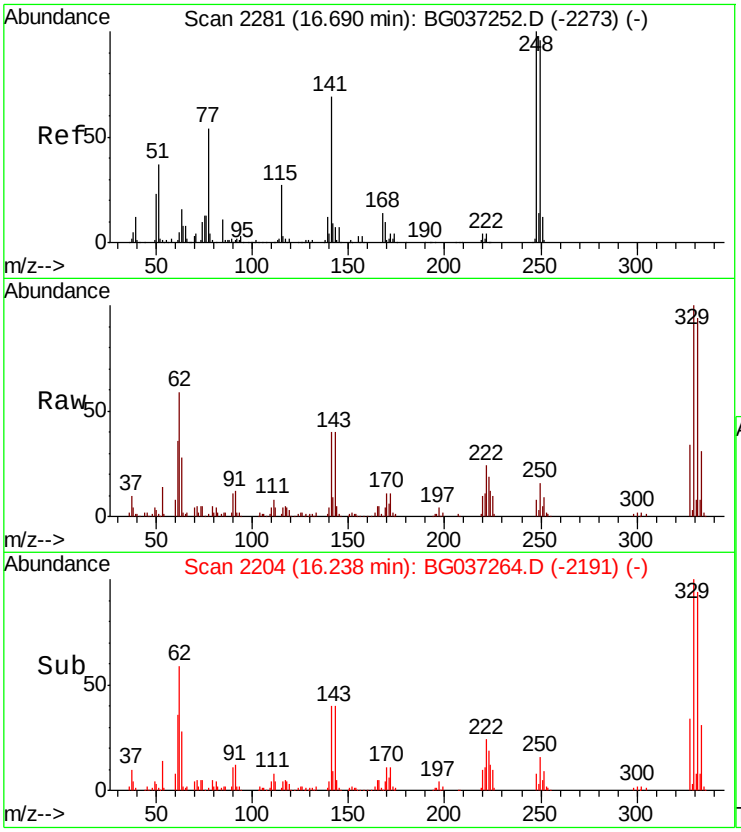


#65
4,6-Dinitro-2-methylphenol
Concen: 6.224 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.37 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:198 Resp: 349

Ion	Ratio	Lower	Upper
198	100		
51	25.6	22.7	62.7
105	44.0	19.7	59.7



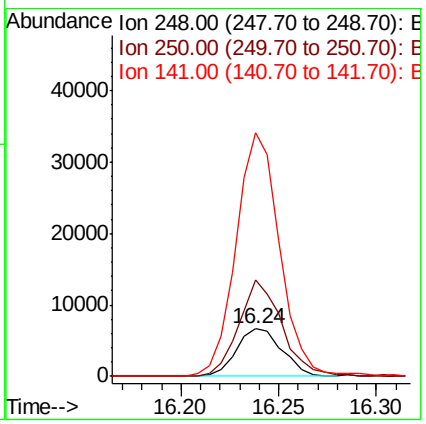


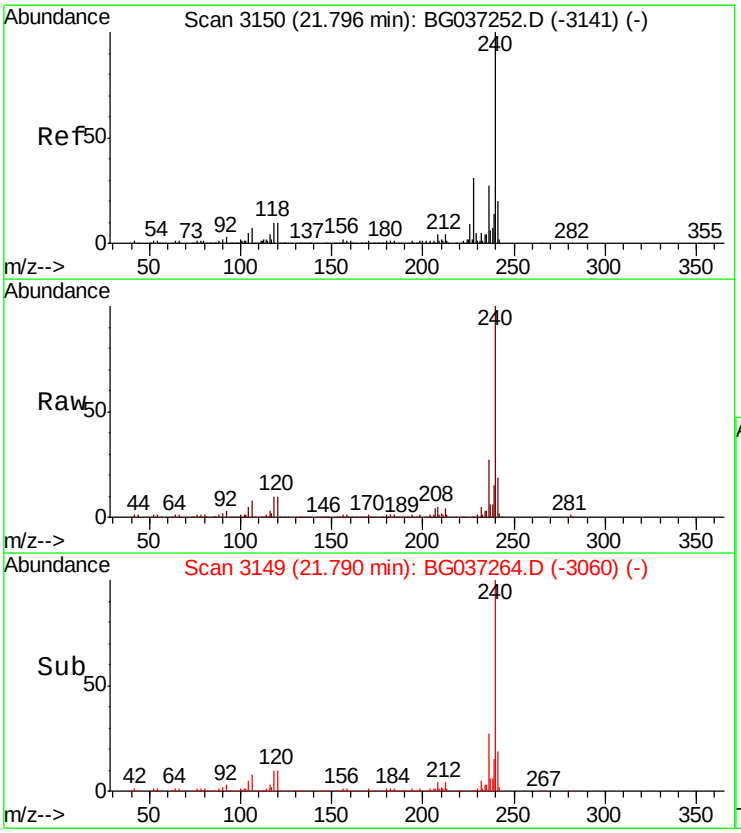
#67
4-Bromophenyl-phenylether
Concen: 2.839 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:248 Resp: 10754

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.0	115.6#
141	378.2	55.5	83.3#

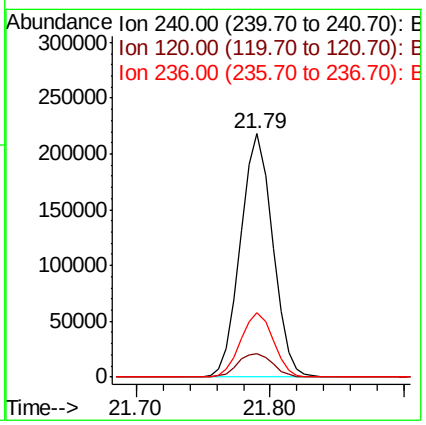


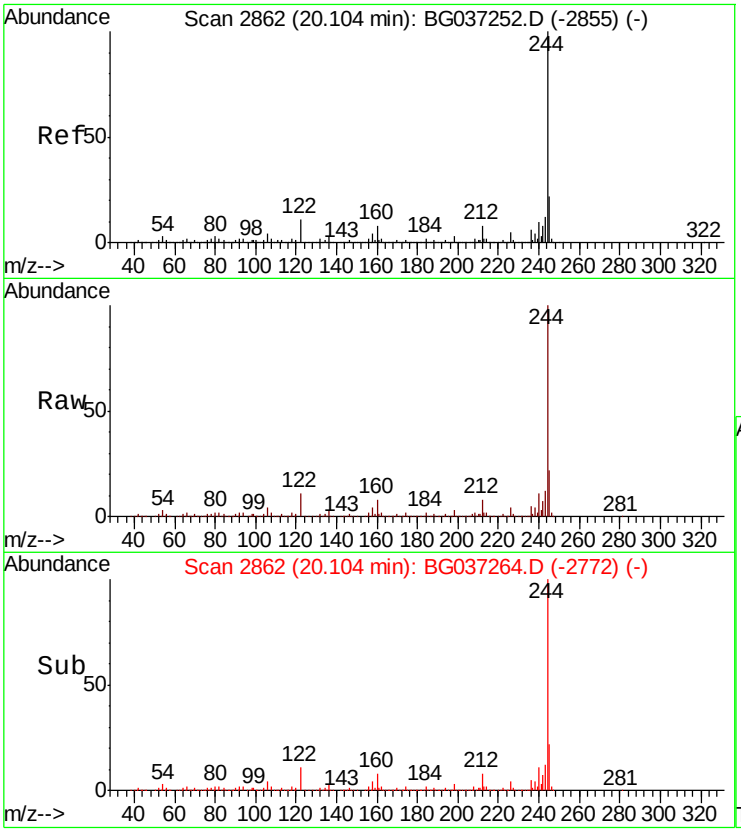


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:240 Resp: 365078

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	26.7	21.4	32.0



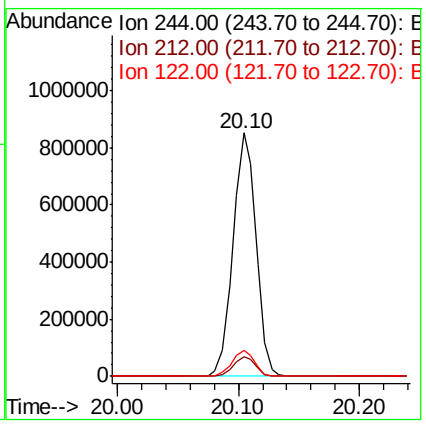


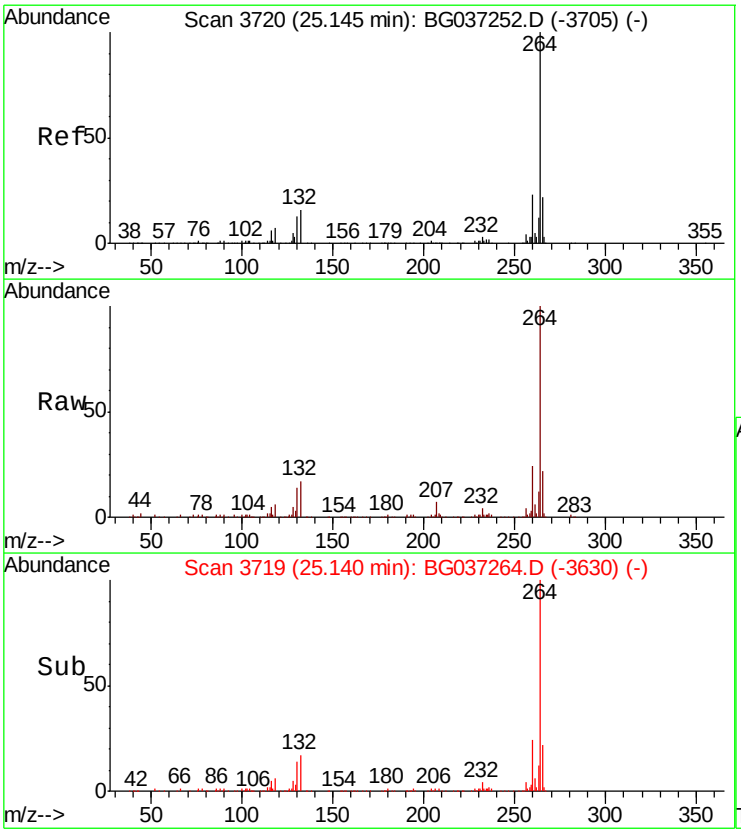
#79
Terphenyl-d14
Concen: 65.050 ng
RT: 20.10 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:244 Resp: 1131010

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:264 Resp: 361392

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.0	17.9	26.9