Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037610.D
Acq On : 27 Oct 2018 10:10
Operator : JU/SJ
Sample : J5662-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 102318-TIPC-F-U-S

Quant Time: Oct 29 04:11:19 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	58909	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	254630	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	176660	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	431854	20.00	ng		0.00
76) Chrysene-d12	21.77	240	392728	20.00	ng		0.00
87) Perylene-d12	25.10	264	380023	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	145122	41.19	ng		0.00
7) Phenol-d6	7.24	99	129233	24.26	ng		0.00
23) Nitrobenzene-d5	9.28	82	443516	97.57	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	174410	90.52	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1063061	90.74	ng		0.00
79) Terphenyl-d14	20.09	244	1636573	89.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	28126	5.003	ng		93
19) n-Nitroso-di-n-propylamine	9.28	70	56718	15.459	ng	#	68
51) 2,6-Dinitrotoluene	14.73	165	23193	7.671	ng	#	24
57) 2,4-Dinitrotoluene	14.73	165	23193	5.844	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.22	198	505	8.691	ng		86
67) 4-Bromophenyl-phenylether	16.23	248	12408	2.616	ng	#	1
77) Benzidine	20.08	184	28304	2.120	ng		96

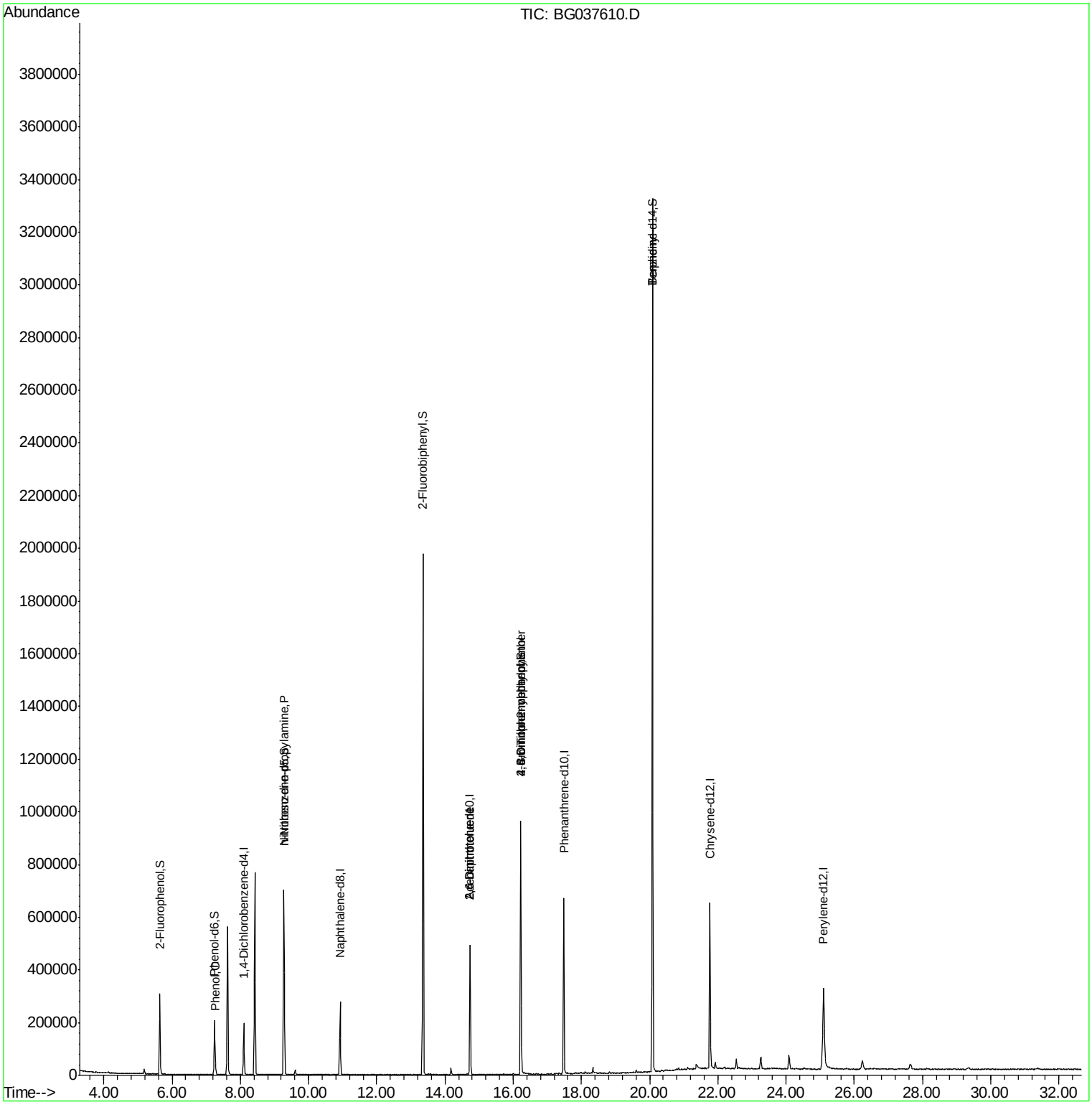
(#) = qualifier out of range (m) = manual integration (+) = signals summed

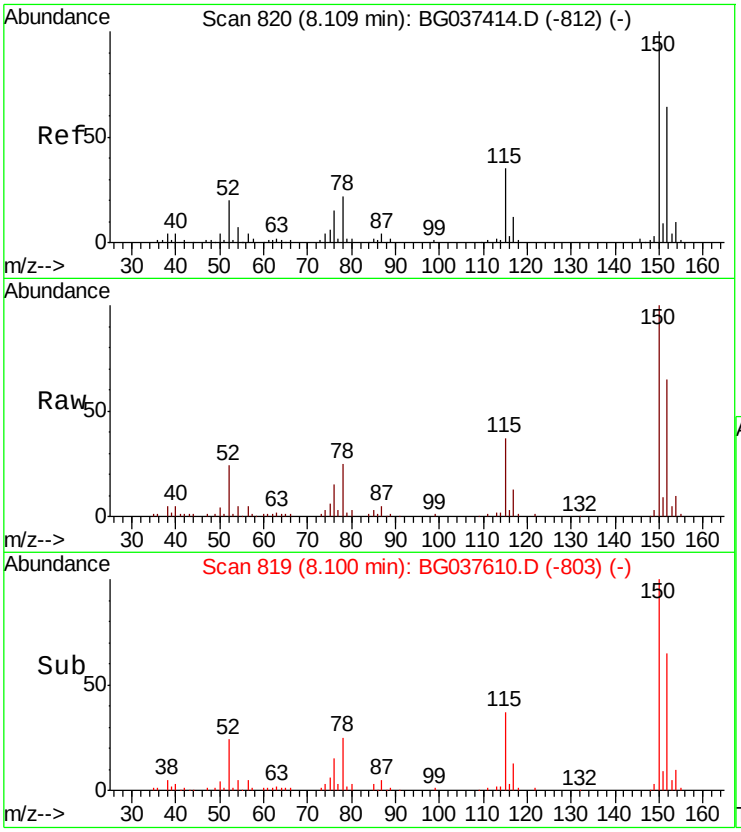
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037610.D
Acq On : 27 Oct 2018 10:10
Operator : JU/SJ
Sample : J5662-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 102318-TIPC-F-U-S

Quant Time: Oct 29 04:11:19 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



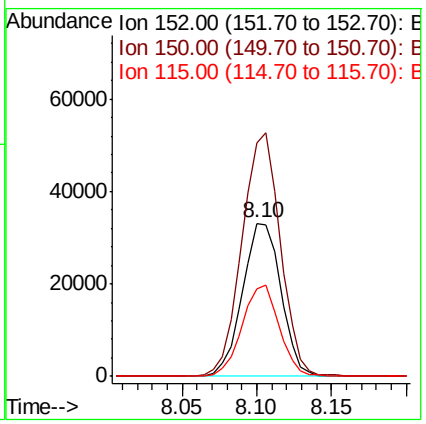


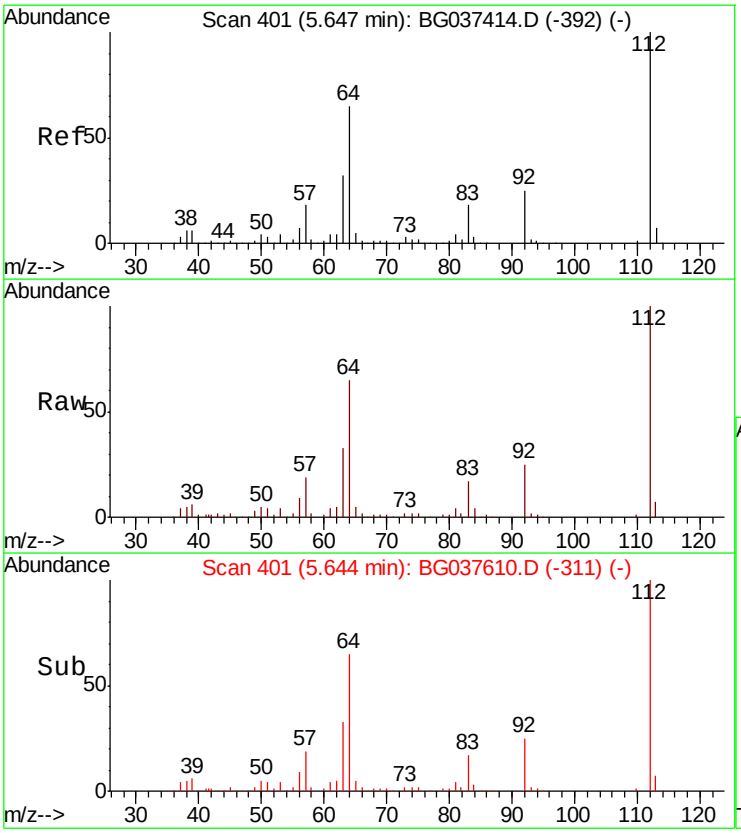
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:152 Resp: 58909

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.0	189.0
115	56.9	45.5	68.3

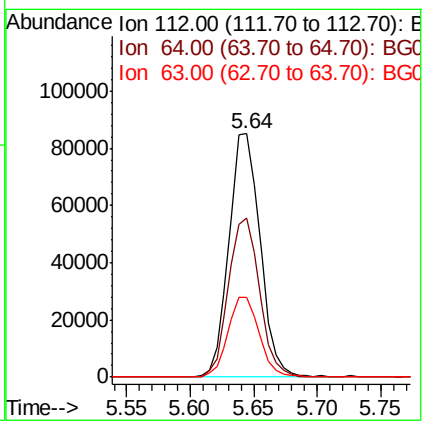


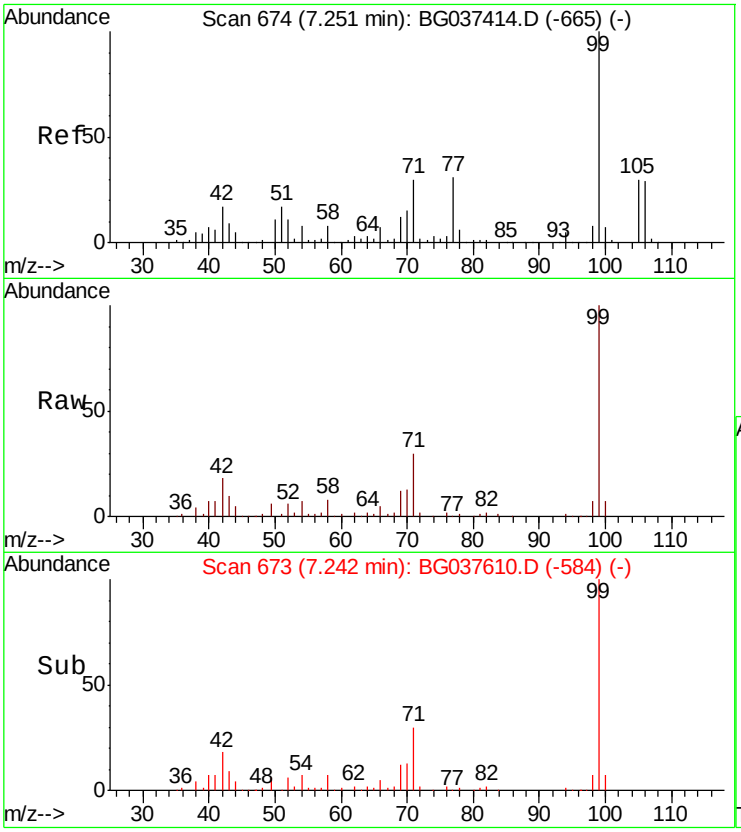


#5
2-Fluorophenol
Concen: 41.186 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:112 Resp: 145122

Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.1	79.7
63	32.8	27.3	40.9



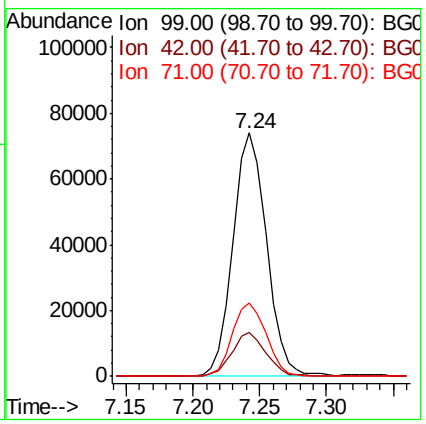


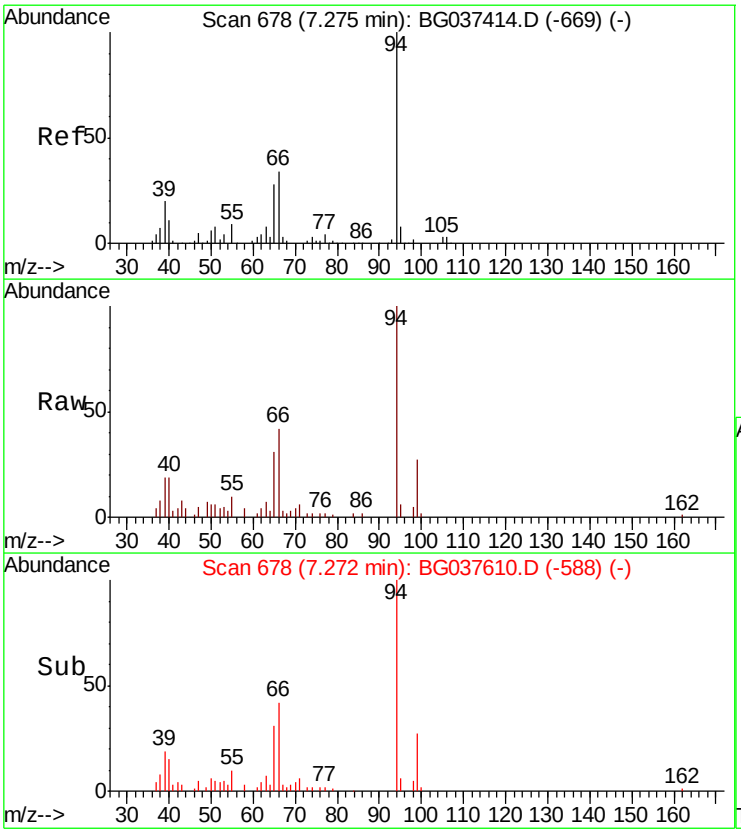
#7
Phenol-d6
Concen: 24.255 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion: 99 Resp: 129233

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	30.1	25.5	38.3

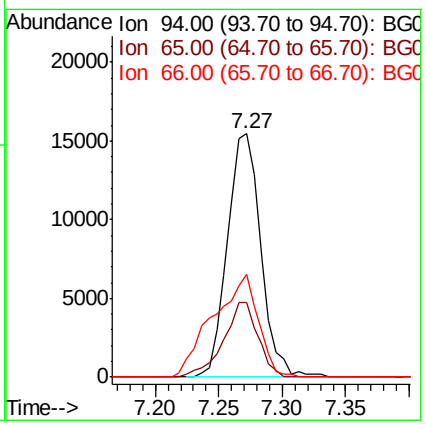


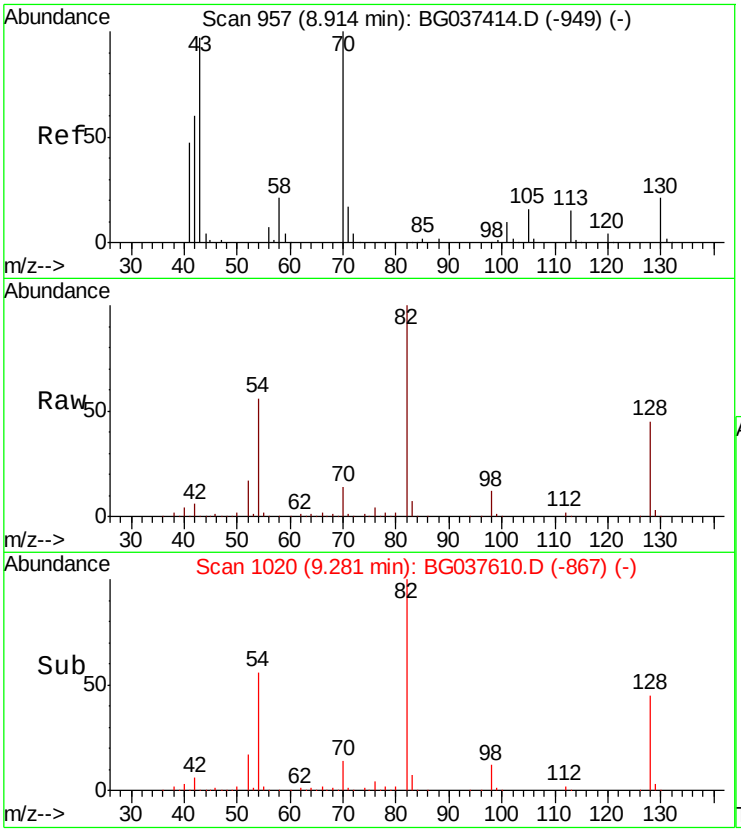


#10
Phenol
Concen: 5.003 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion: 94 Resp: 28126

Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.7	49.7
66	42.0	15.9	55.9



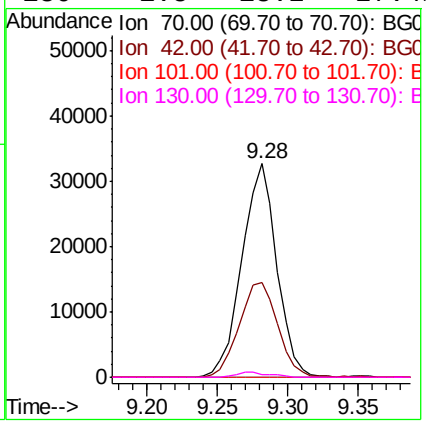


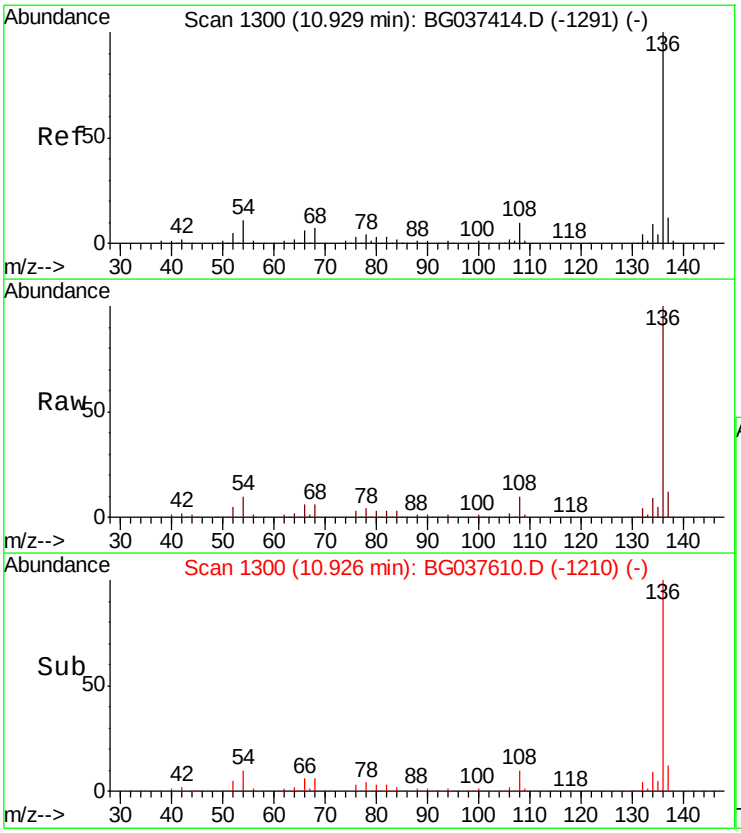
#19
n-Nitroso-di-n-propylamine
Concen: 15.459 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion: 70 Resp: 56718

Ion	Ratio	Lower	Upper
70	100		
42	44.5	53.9	80.9#
101	0.0	8.2	12.2#
130	1.5	18.2	27.4#

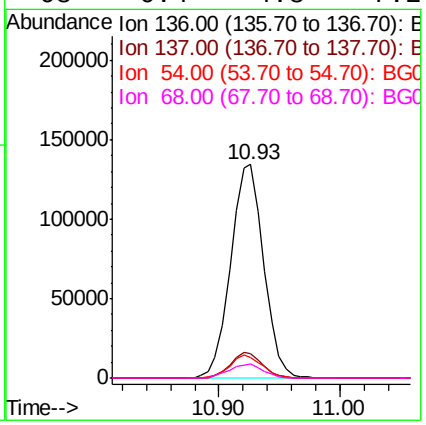


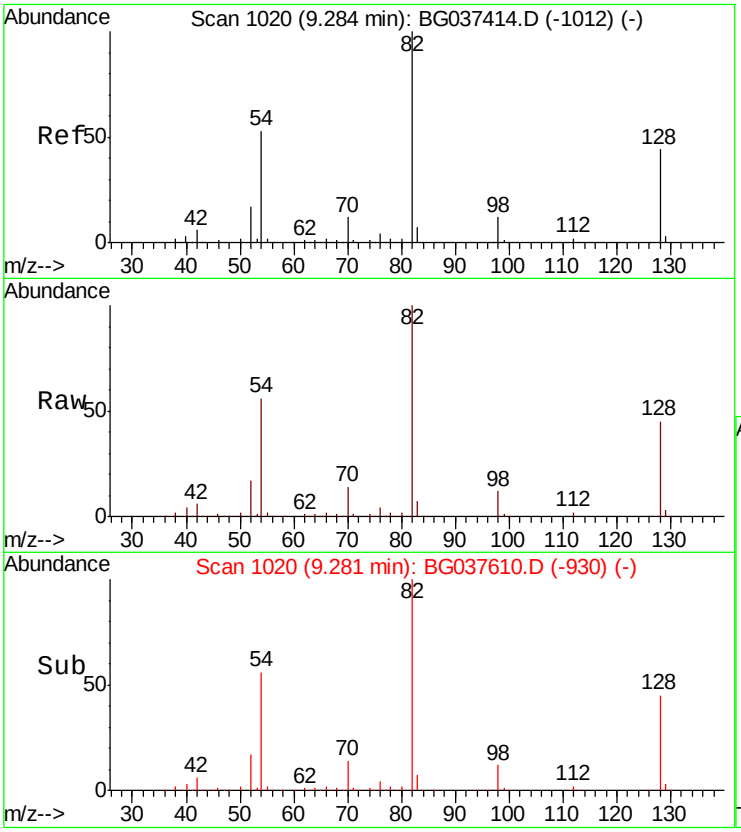


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:136 Resp: 254630

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.9	11.9
68	6.4	4.8	7.2



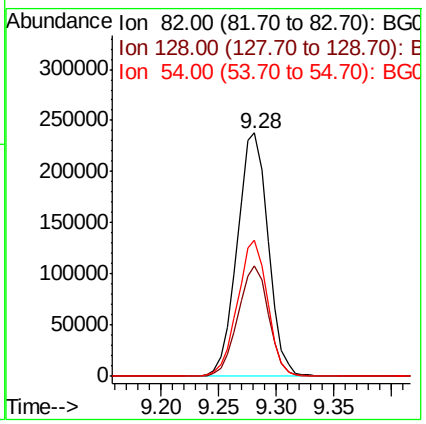


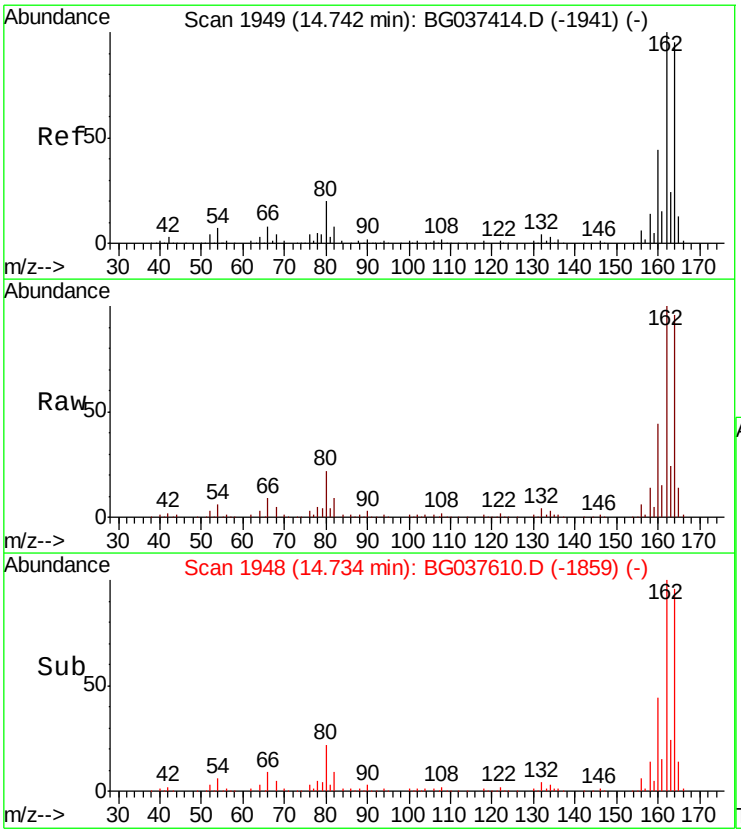
#23
Nitrobenzene-d5
Concen: 97.574 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion: 82 Resp: 443516

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	56.1	45.3	67.9

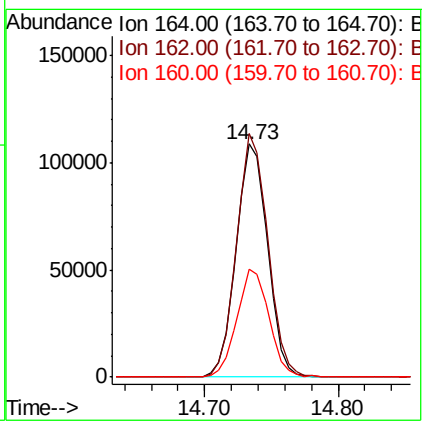


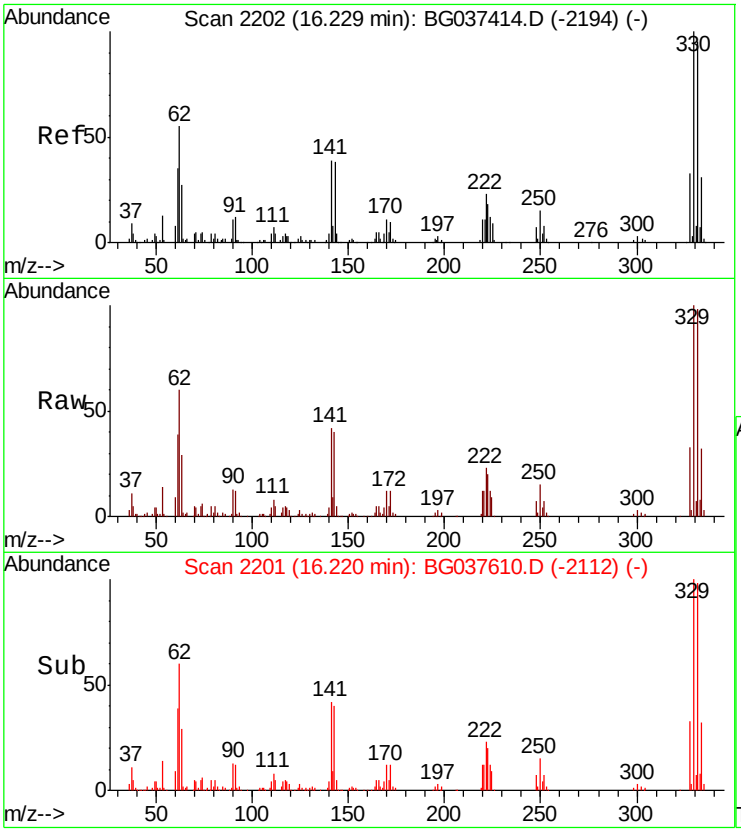


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:164 Resp: 176660

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.0	36.3	54.5



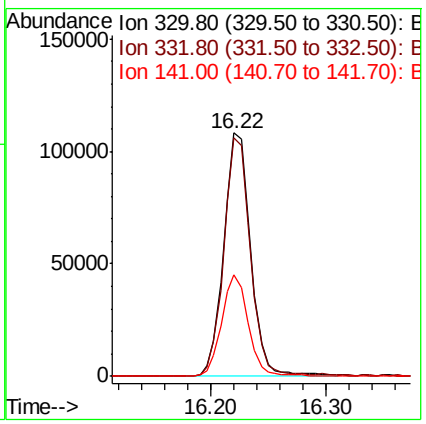


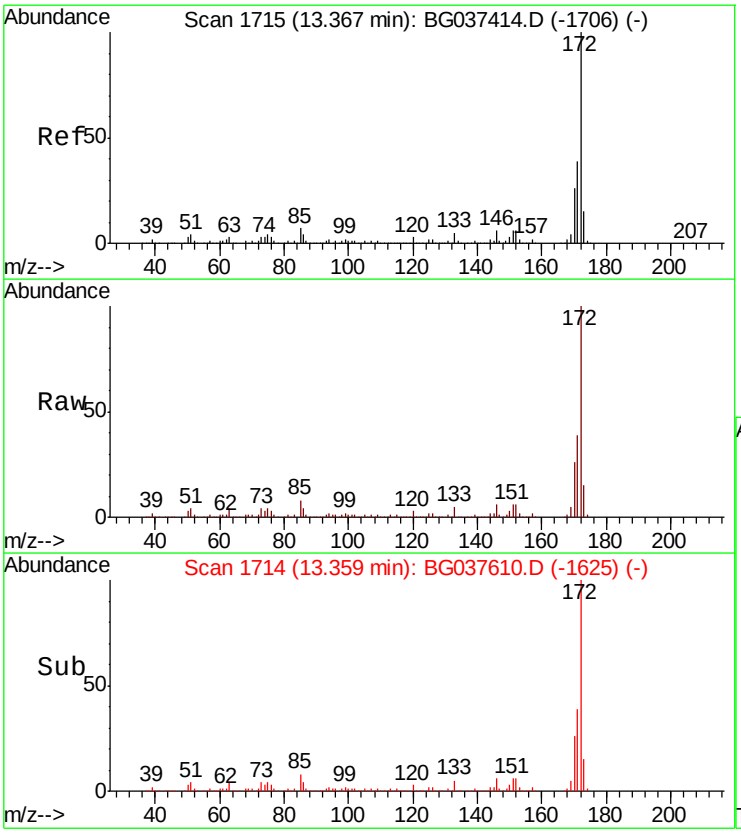
#42
2,4,6-Tribromophenol
Concen: 90.517 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:330 Resp: 174410

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.4	117.6
141	40.9	32.2	48.2

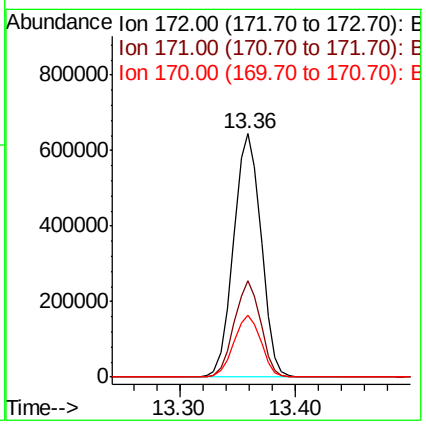


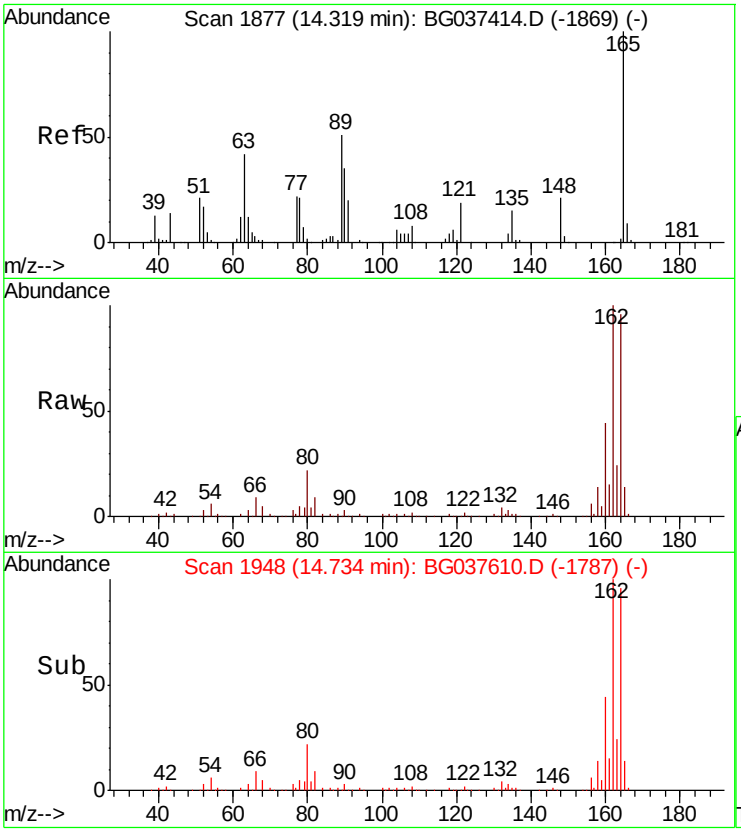


#45
2-Fluorobiphenyl
Concen: 90.741 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:172 Resp: 1063061

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.0	46.4
170	25.5	20.2	30.2



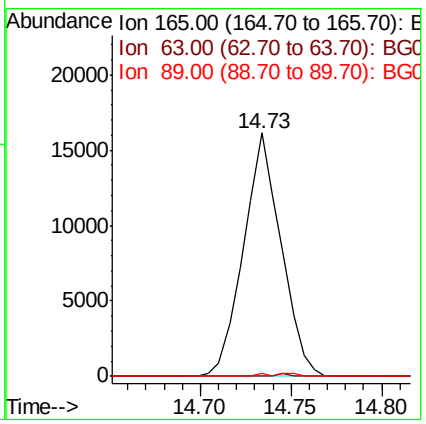


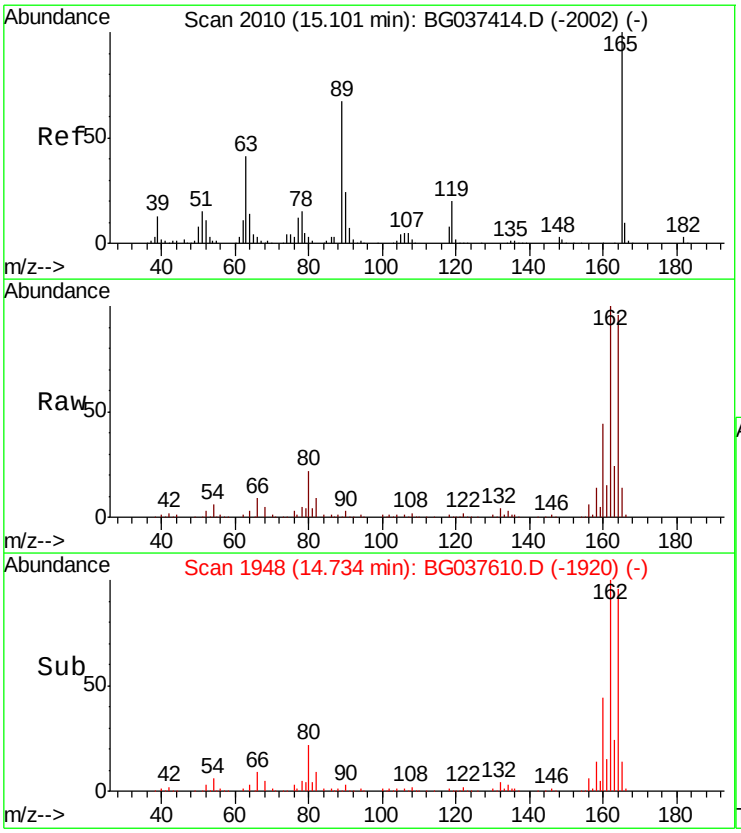
#51
2,6-Dinitrotoluene
Concen: 7.671 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:165 Resp: 23193

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.4	45.8	68.6#

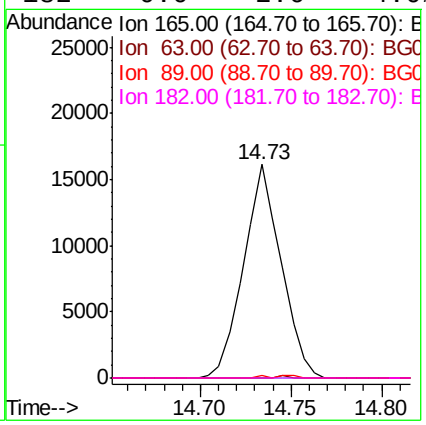


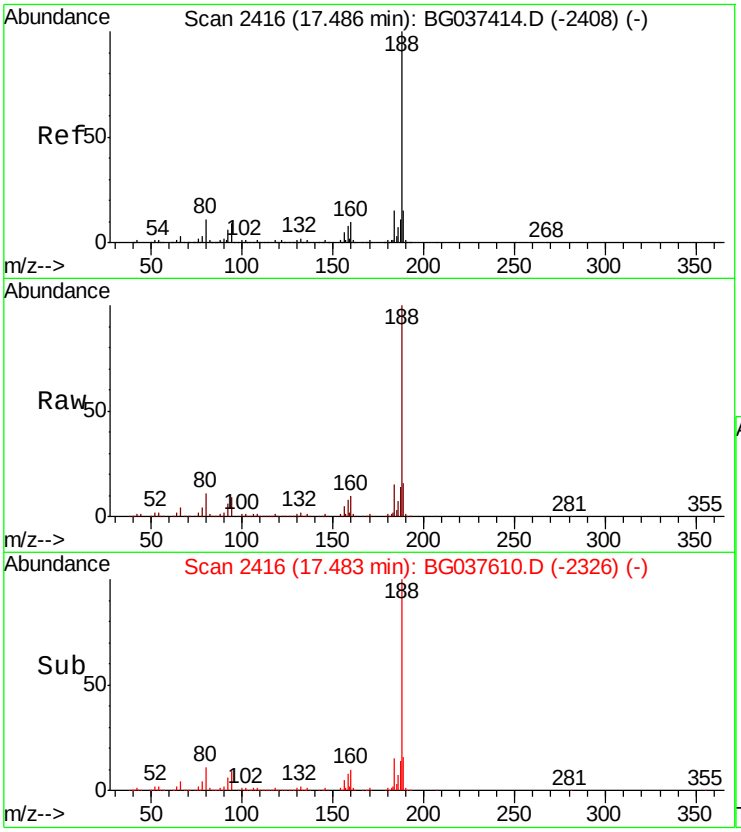


#57
2,4-Dinitrotoluene
Concen: 5.844 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:165 Resp: 23193

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



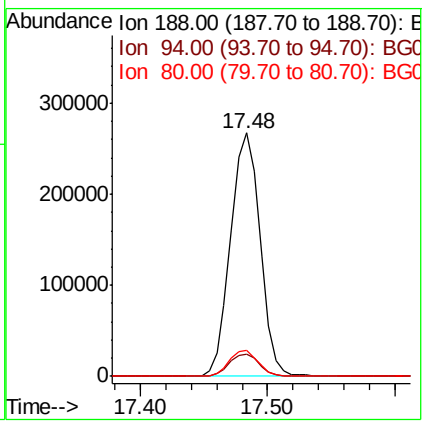


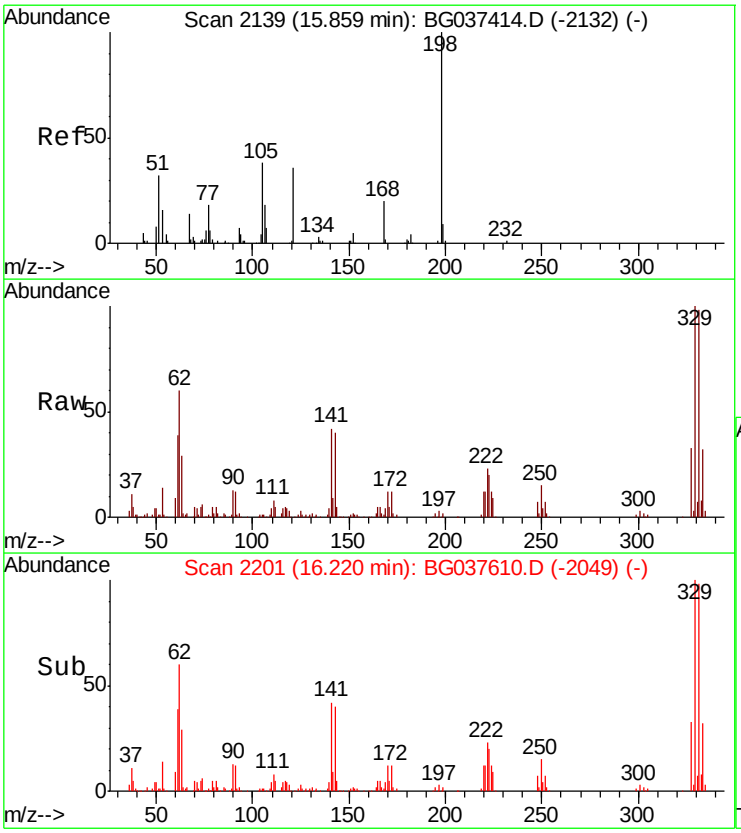
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:188 Resp: 431854

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.6	7.7	11.5

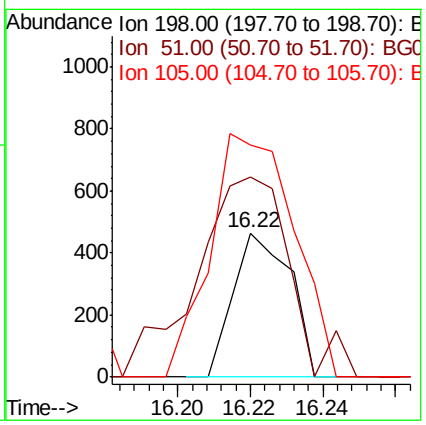


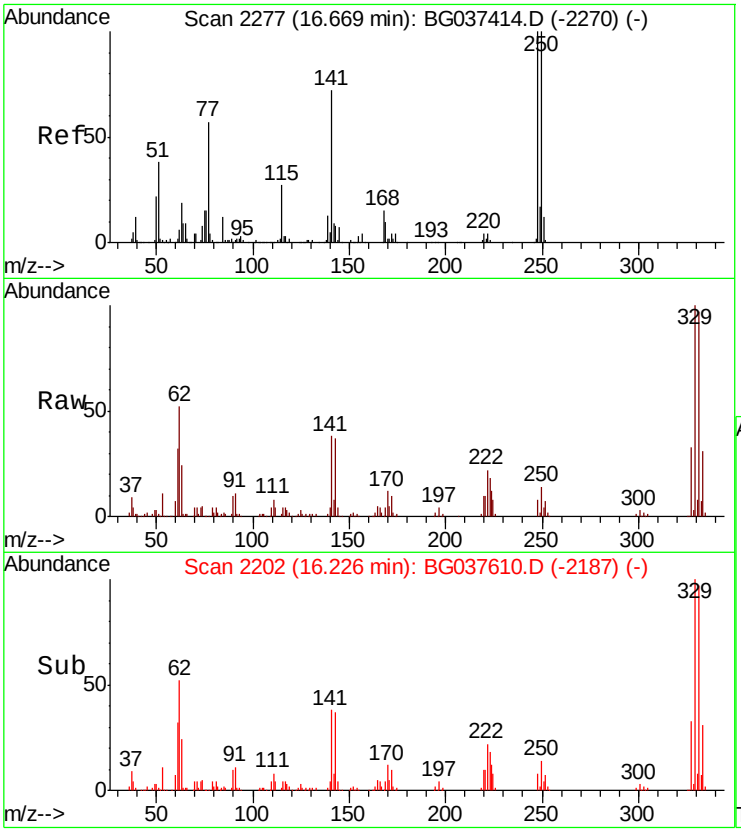


#65
4,6-Dinitro-2-methylphenol
Concen: 8.691 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:198 Resp: 505

Ion	Ratio	Lower	Upper
198	100		
51	29.9	22.7	62.7
105	34.5	19.7	59.7



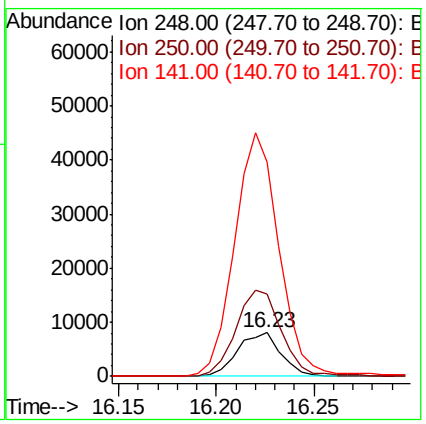


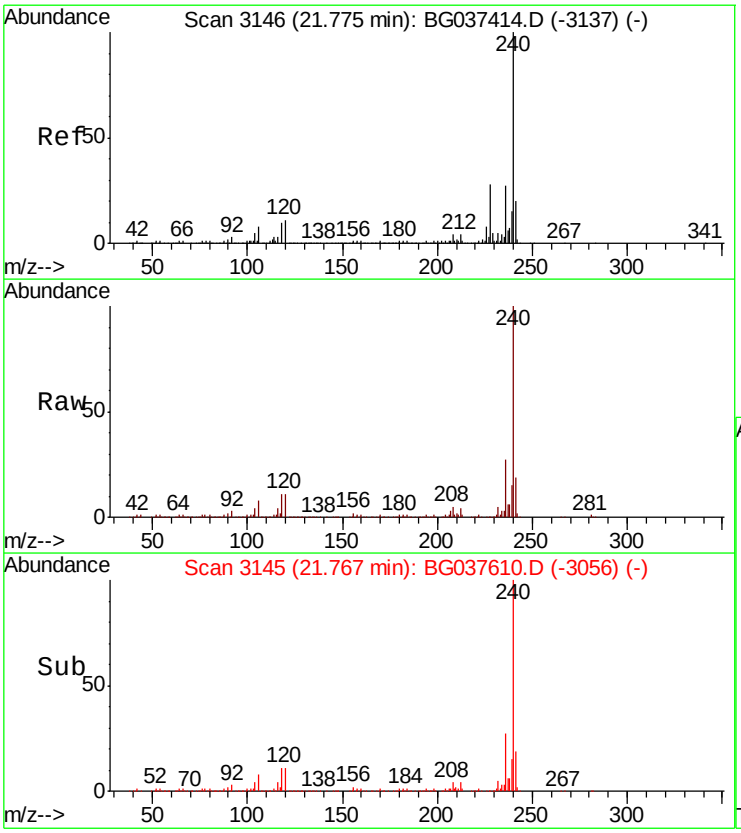
#67
4-Bromophenyl-phenylether
Concen: 2.616 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:248 Resp: 12408

Ion	Ratio	Lower	Upper
248	100		
250	187.4	77.0	115.6#
141	378.2	55.5	83.3#

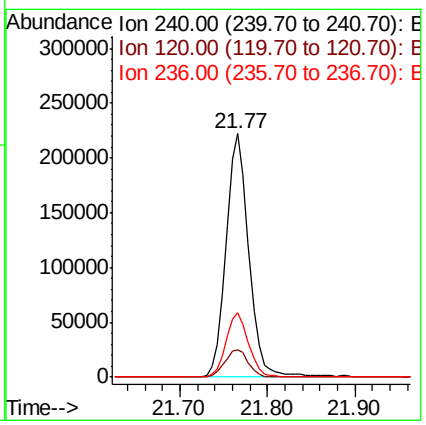


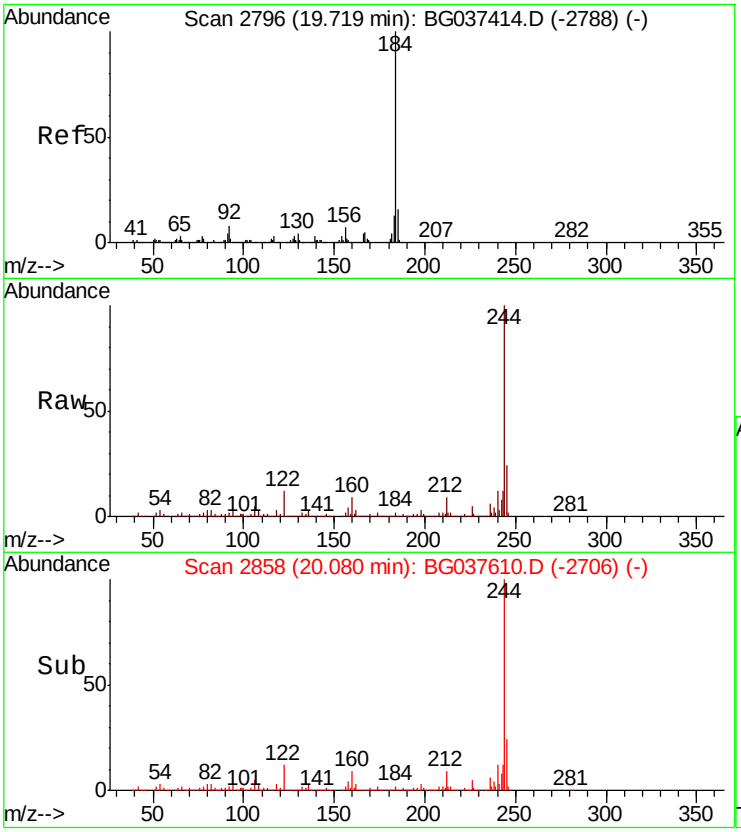


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:240 Resp: 392728

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.5	21.4	32.0



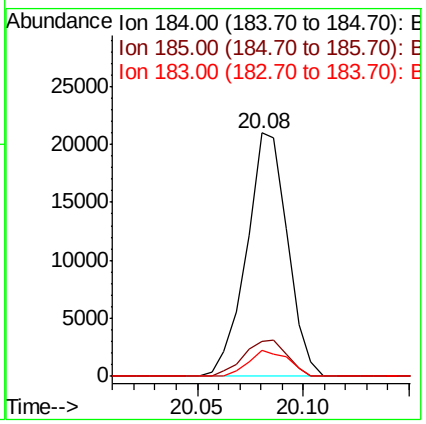


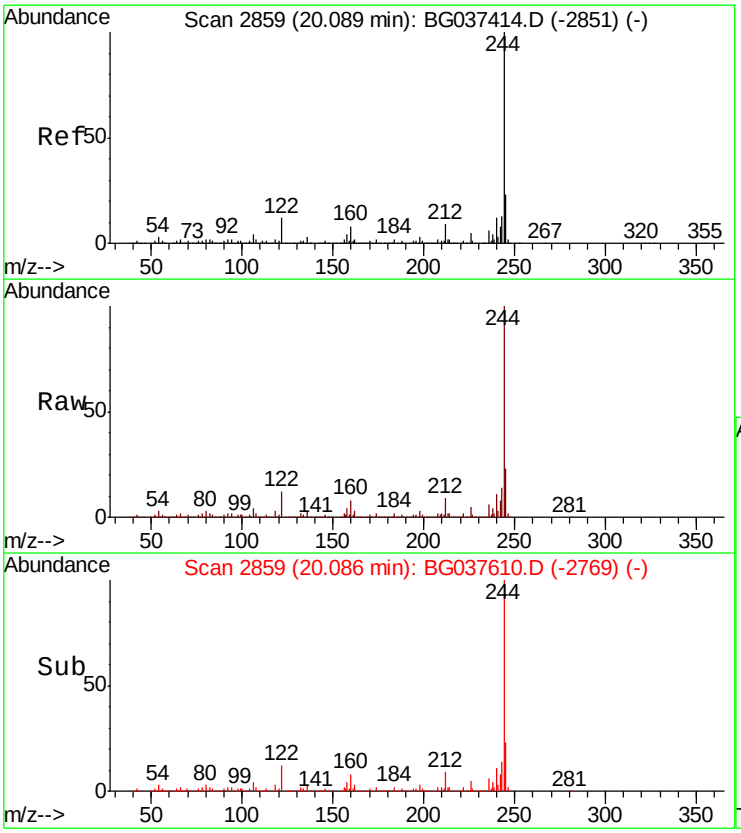
#77
Benzidine
Concen: 2.120 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:184 Resp: 28304

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.4	10.2	15.2

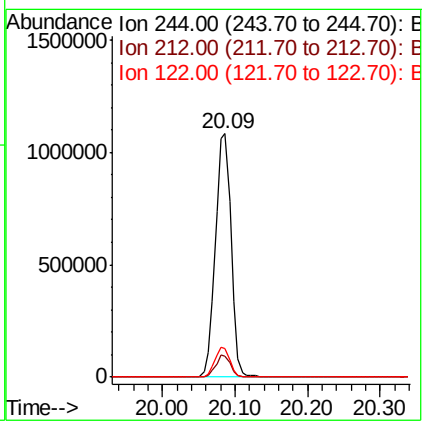


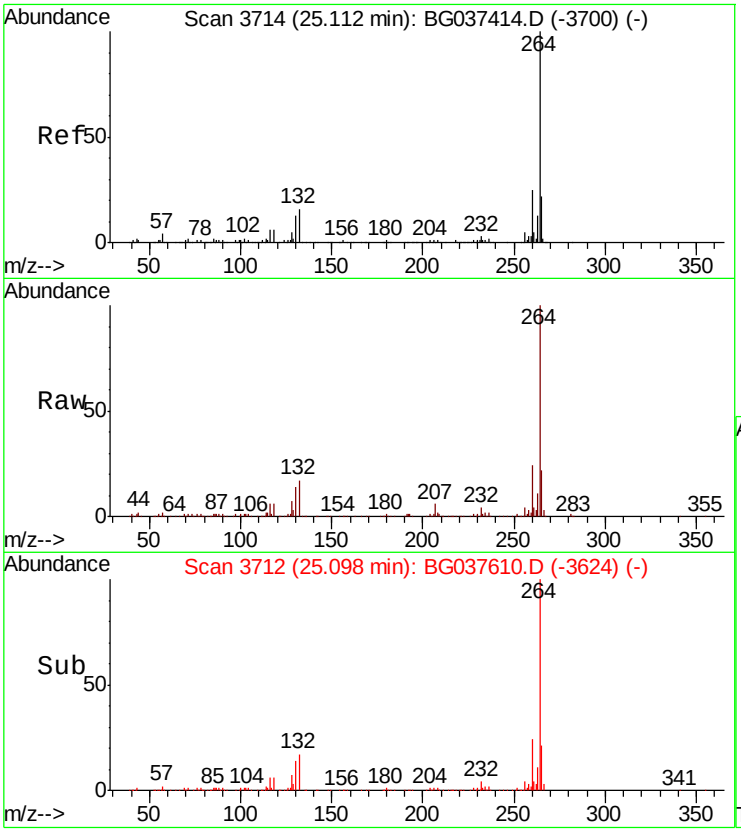


#79
Terphenyl-d14
Concen: 89.043 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037610.D
Acq: 27 Oct 2018 10:10

Tgt Ion:244 Resp: 1636573

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.7	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: BG037610.D
Acq: 27 Oct 2018 10:10

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-U-S

Tgt Ion:264 Resp: 380023

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.6	17.9	26.9