Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
Data File : BG037658.D
Acq On : 30 Oct 2018 17:58
Operator : JU/SJ
Sample : J5711-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-WS

Quant Time: Oct 31 08:01:09 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	63515	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	298920	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	204446	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	449122	20.00	ng		0.00
76) Chrysene-d12	21.76	240	389936	20.00	ng		-0.01
87) Perylene-d12	25.10	264	392423	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	217894	57.35	ng		0.00
7) Phenol-d6	7.25	99	209017	36.38	ng		0.00
23) Nitrobenzene-d5	9.28	82	394497	73.93	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	232484	104.26	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	943228	69.57	ng		-0.01
79) Terphenyl-d14	20.08	244	1250579	68.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	33828	5.581	ng		96
19) n-Nitroso-di-n-propylamine	9.28	70	49664	12.555	ng	#	72
51) 2,6-Dinitrotoluene	14.73	165	25955	7.418	ng	#	26
57) 2,4-Dinitrotoluene	14.73	165	25955	5.651	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.22	198	782	8.780	ng	#	72
67) 4-Bromophenyl-phenylether	16.22	248	18252	3.701	ng	#	1

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

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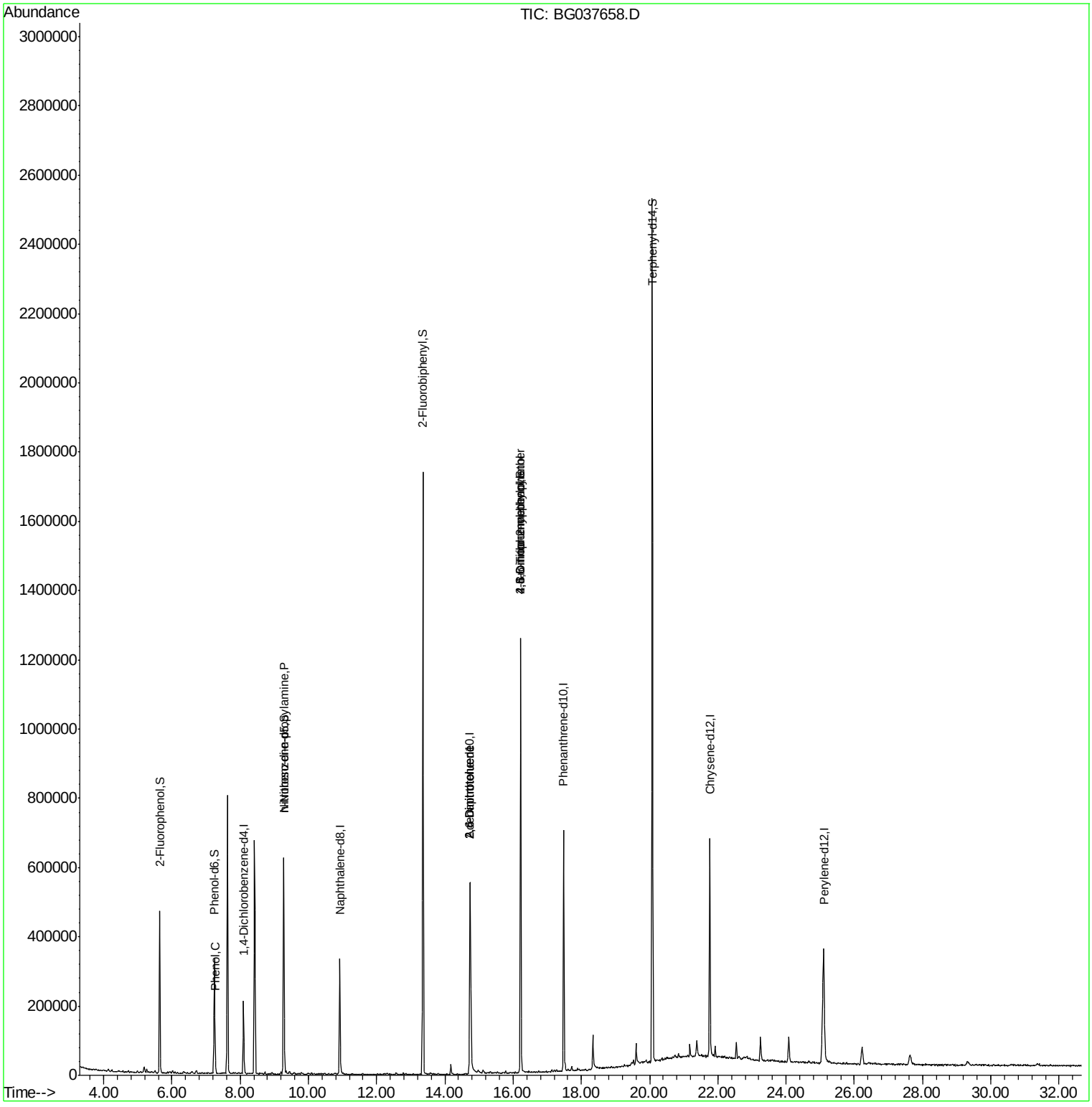
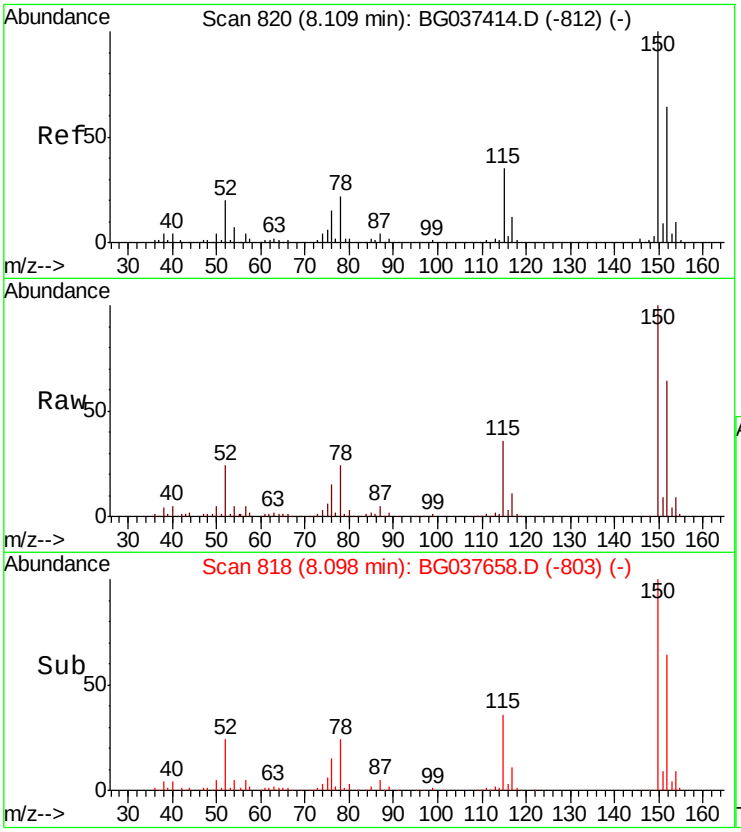


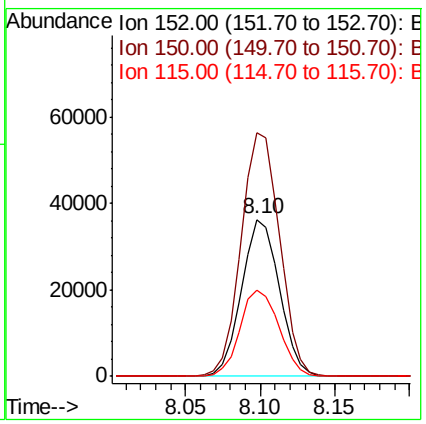


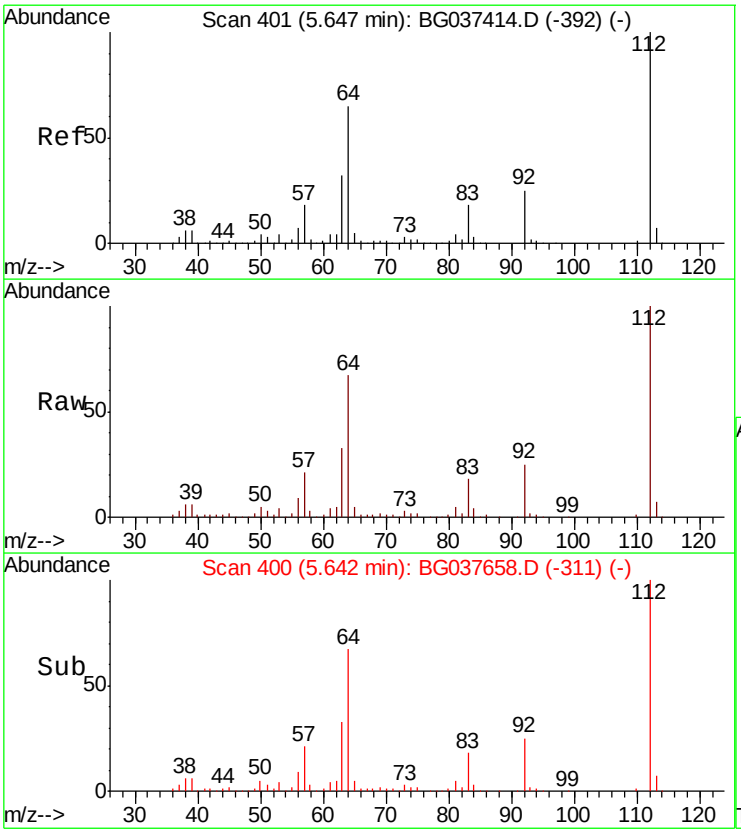
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:152 Resp: 63515

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.0	189.0
115	55.2	45.5	68.3

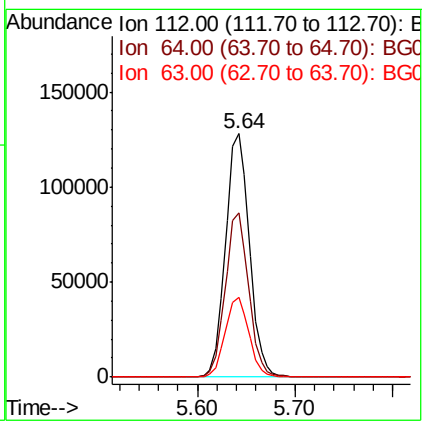


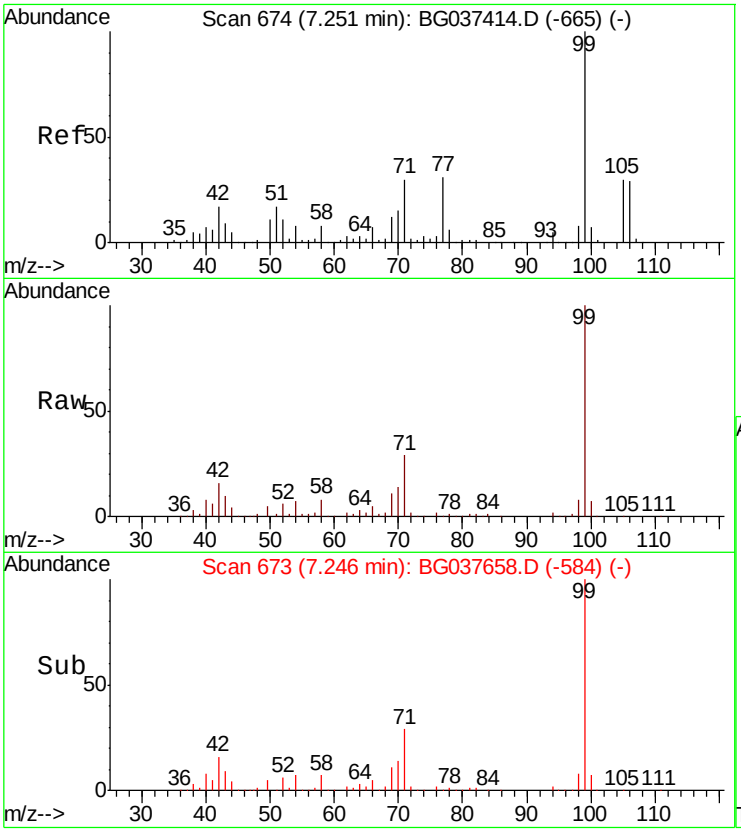


#5
2-Fluorophenol
Concen: 57.354 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:112 Resp: 217894

Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.1	79.7
63	32.9	27.3	40.9



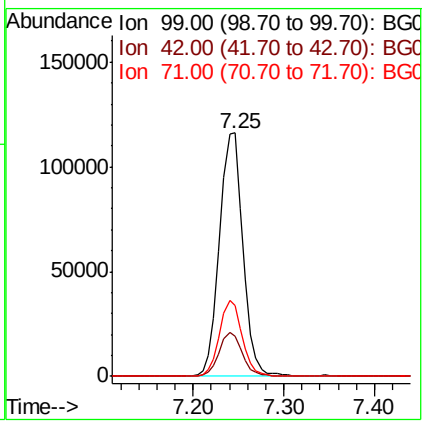


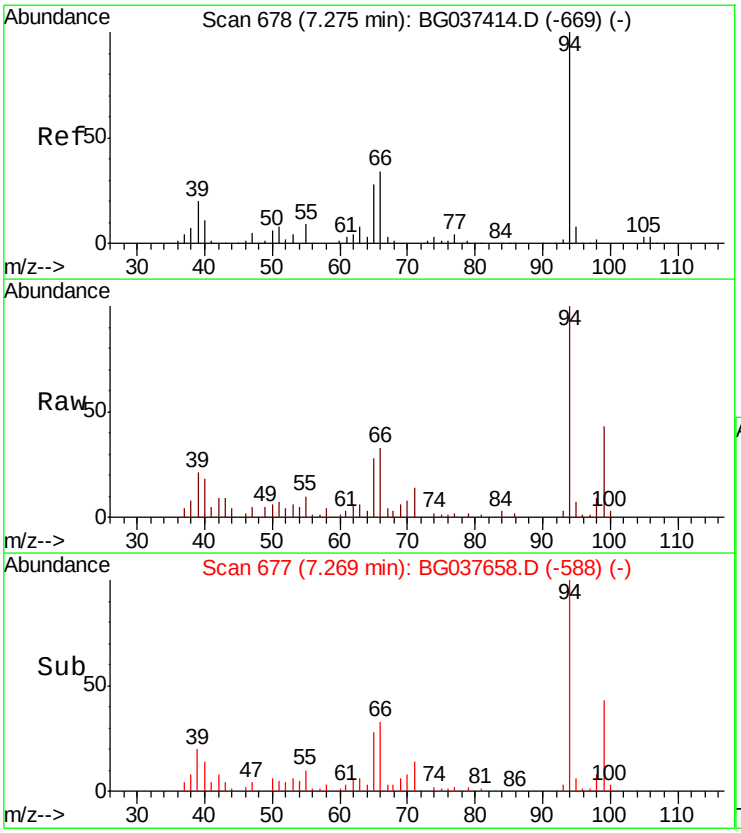
#7
Phenol-d6
Concen: 36.384 ng
RT: 7.25 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion: 99 Resp: 209017

Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.0	22.4
71	28.8	25.5	38.3

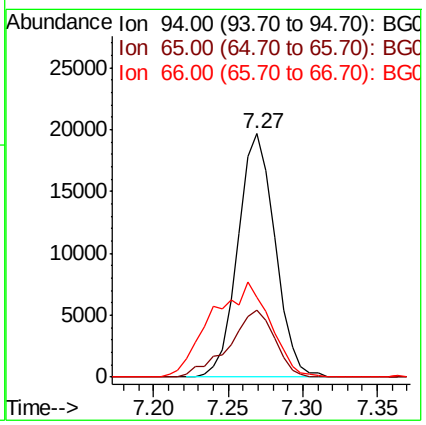


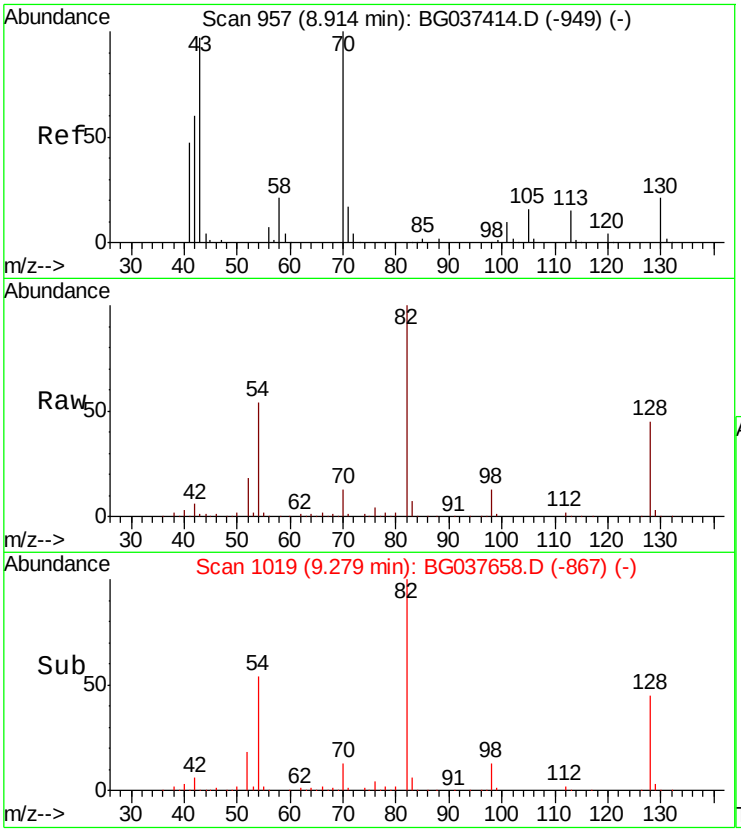


#10
Phenol
Concen: 5.581 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion: 94 Resp: 33828

Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.7	49.7
66	33.0	15.9	55.9



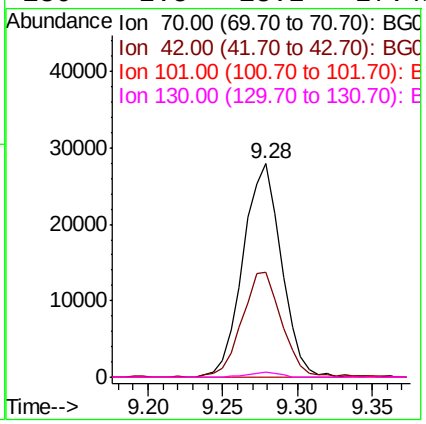


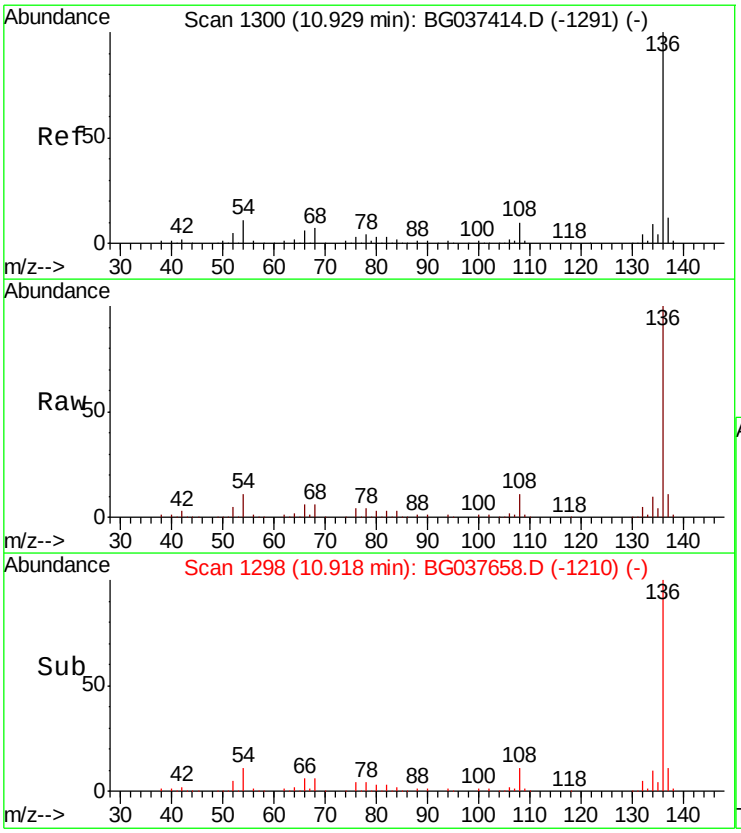
#19
n-Nitroso-di-n-propylamine
Concen: 12.555 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion: 70 Resp: 49664

Ion	Ratio	Lower	Upper
70	100		
42	49.0	53.9	80.9#
101	0.0	8.2	12.2#
130	2.5	18.2	27.4#

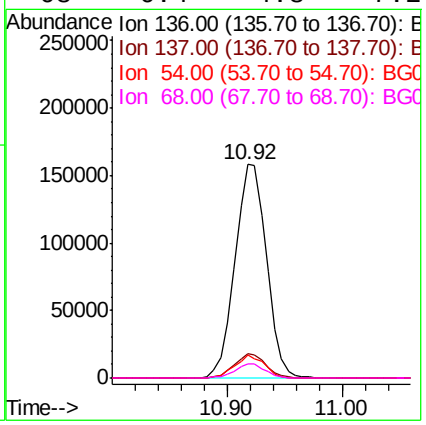


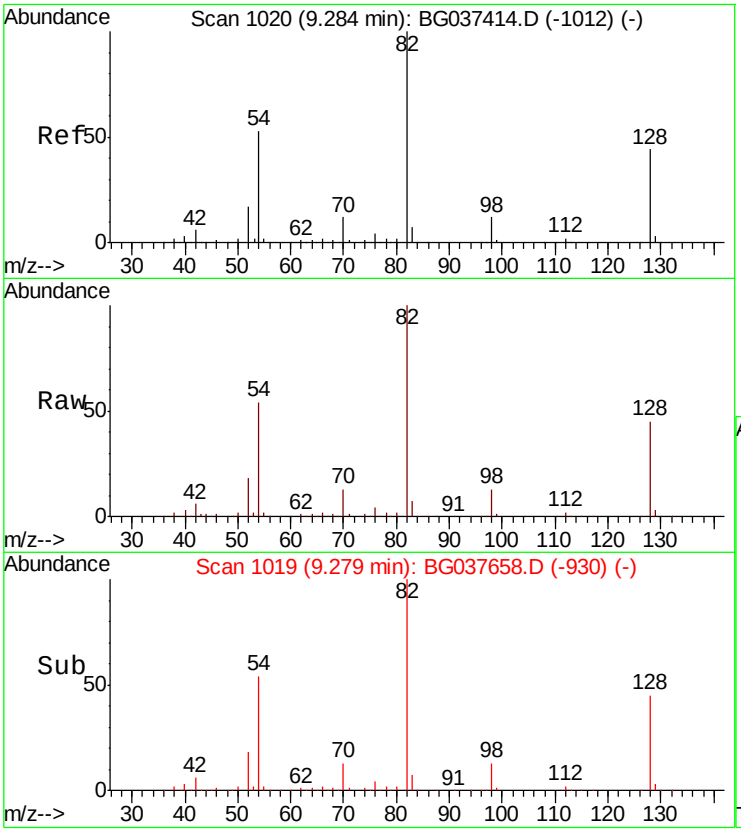


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:136 Resp: 298920

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.0	7.9	11.9
68	6.4	4.8	7.2



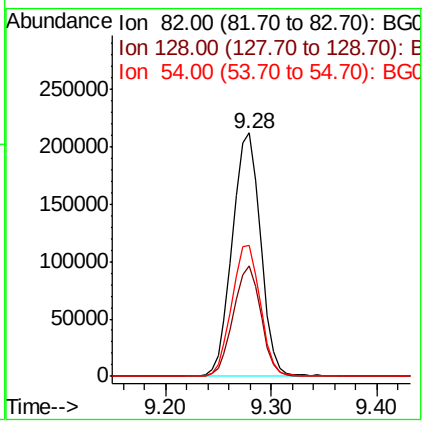


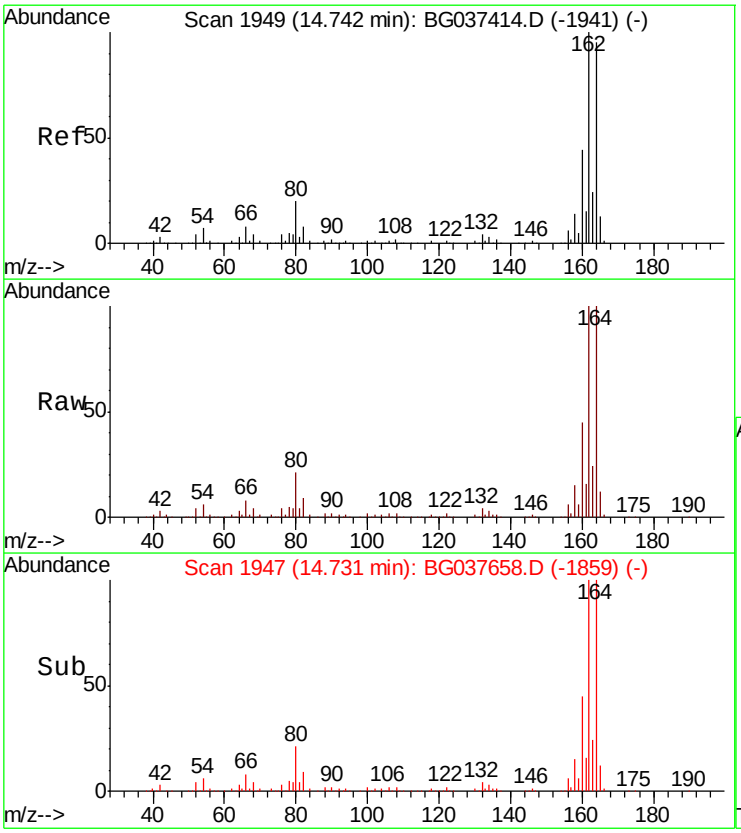
#23
Nitrobenzene-d5
Concen: 73.931 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion: 82 Resp: 394497

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	53.8	45.3	67.9

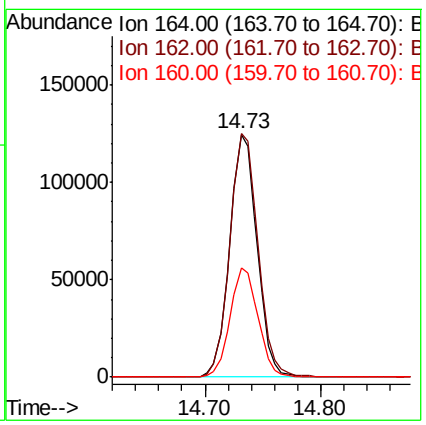


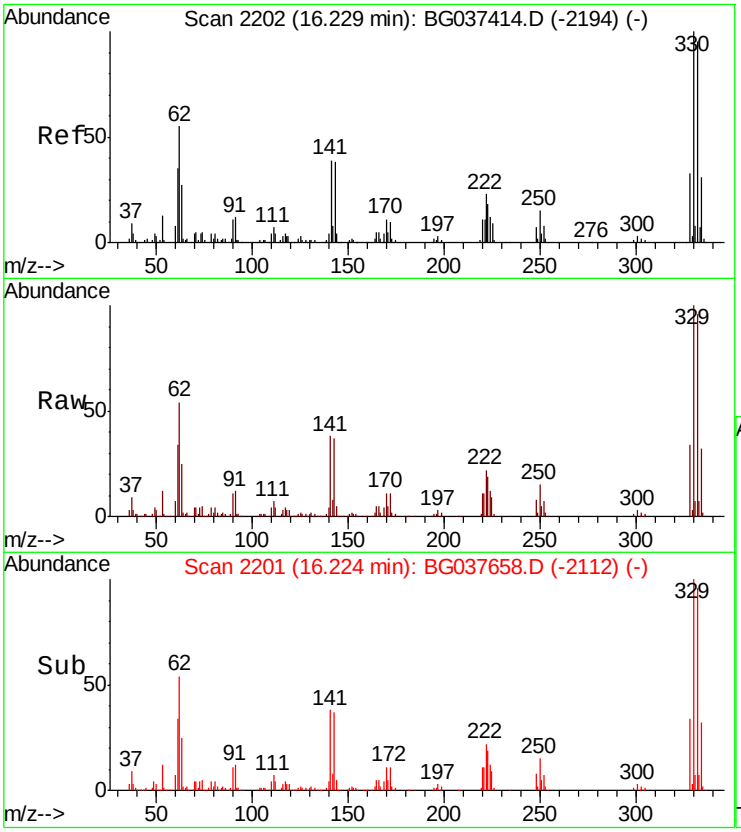


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:164 Resp: 204446

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.0	36.3	54.5



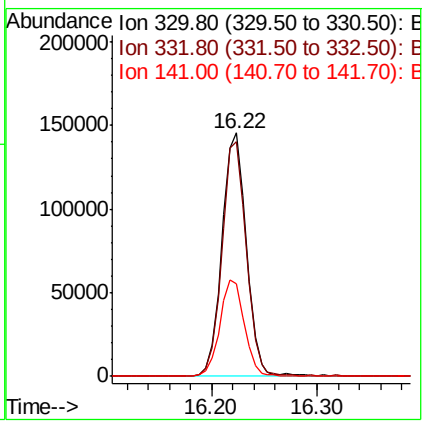


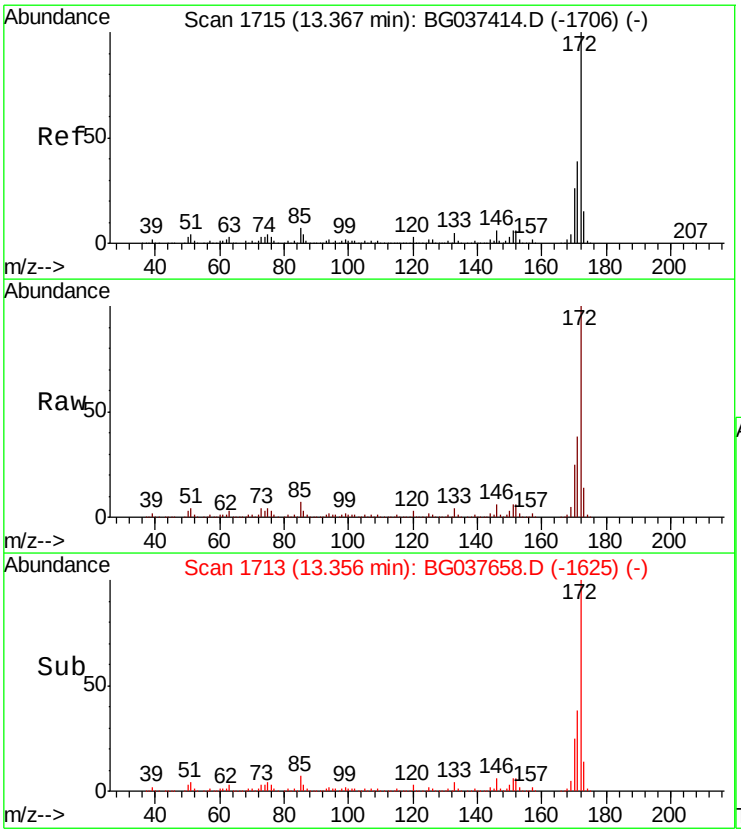
#42
2,4,6-Tribromophenol
Concen: 104.259 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:330 Resp: 232484

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	40.1	32.2	48.2

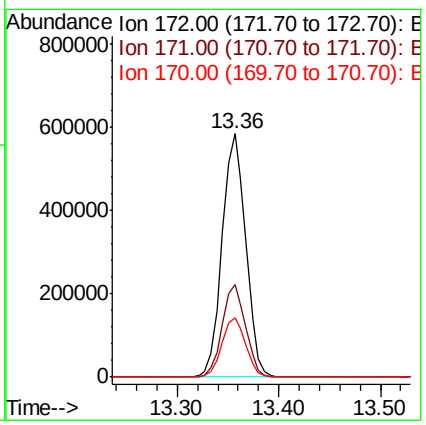


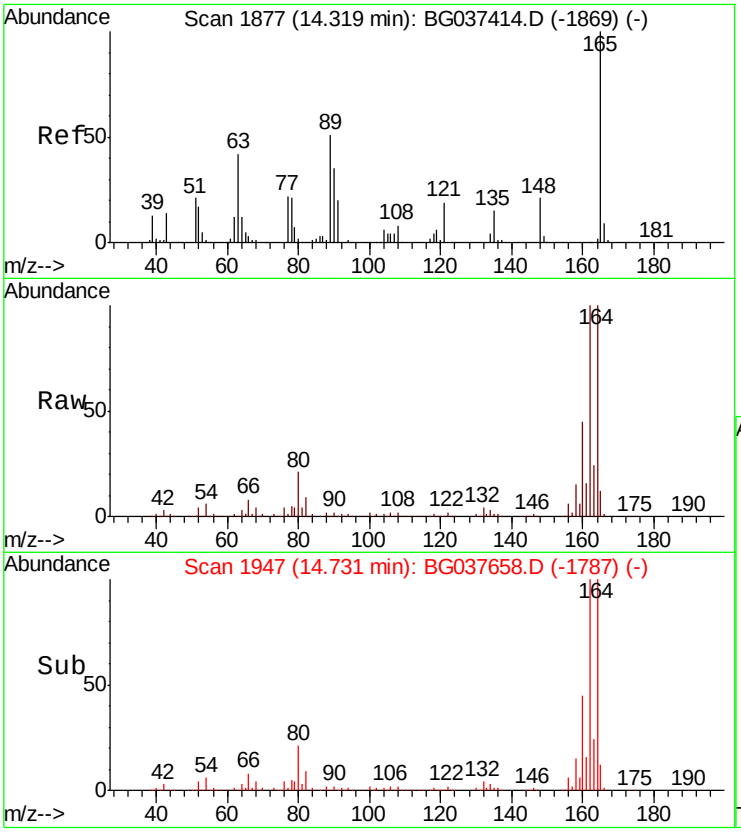


#45
2-Fluorobiphenyl
Concen: 69.570 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:172 Resp: 943228

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.5	20.2	30.2



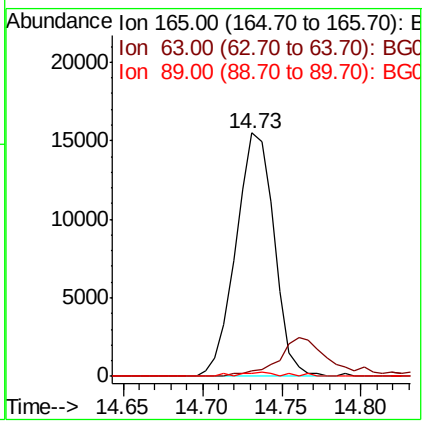


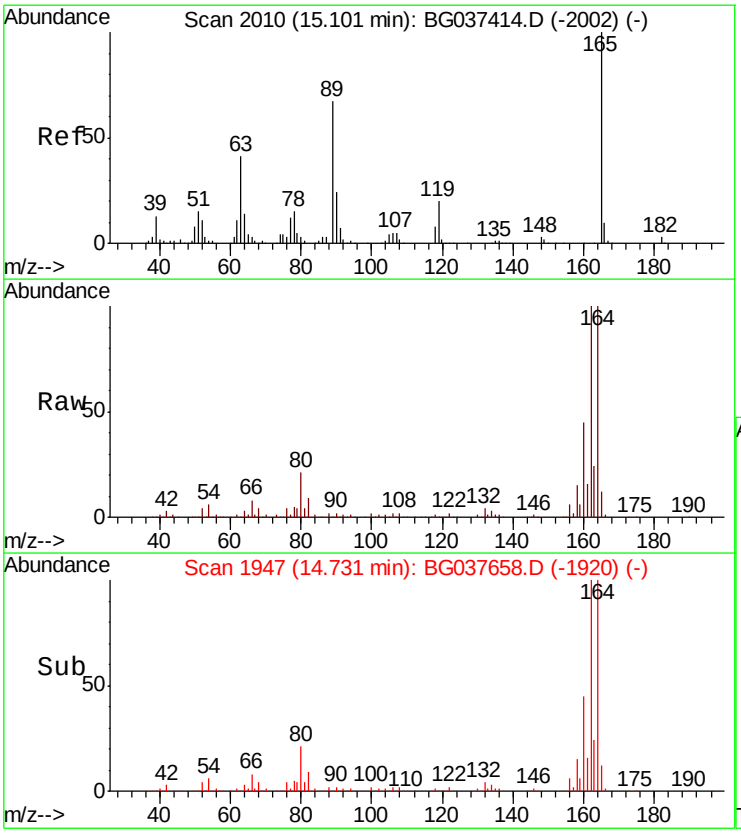
#51
2,6-Dinitrotoluene
Concen: 7.418 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:165 Resp: 25955

Ion	Ratio	Lower	Upper
165	100		
63	2.5	43.4	65.2#
89	1.4	45.8	68.6#

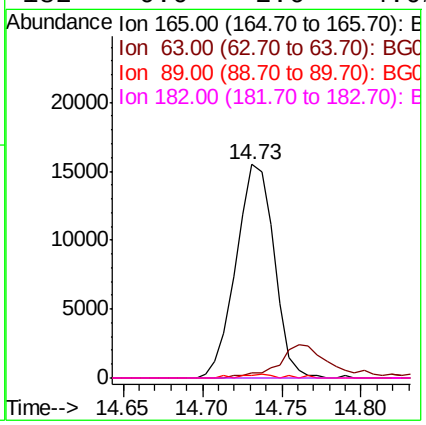


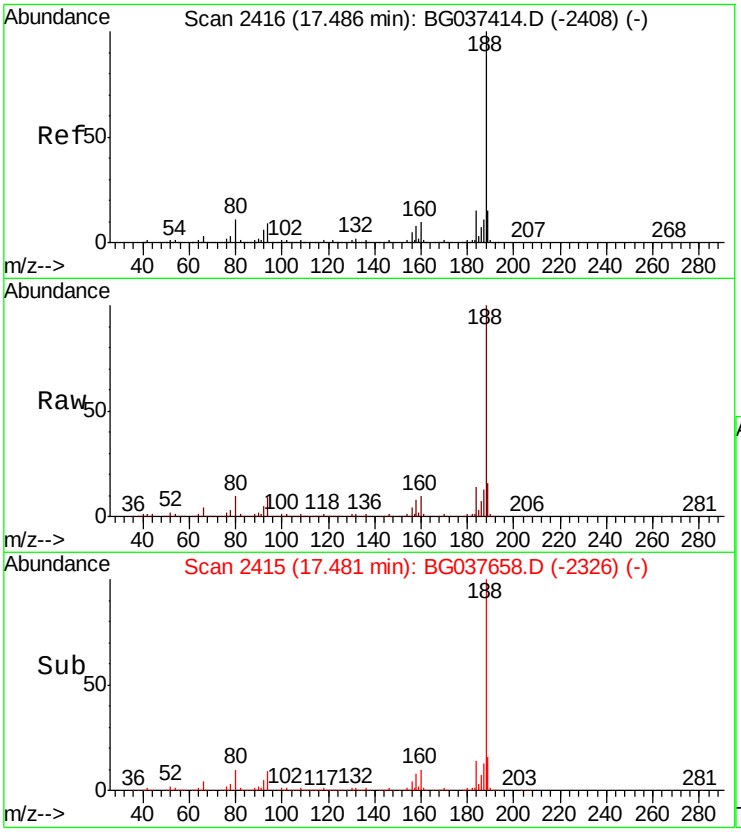


#57
2,4-Dinitrotoluene
Concen: 5.651 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:165 Resp: 25955

Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



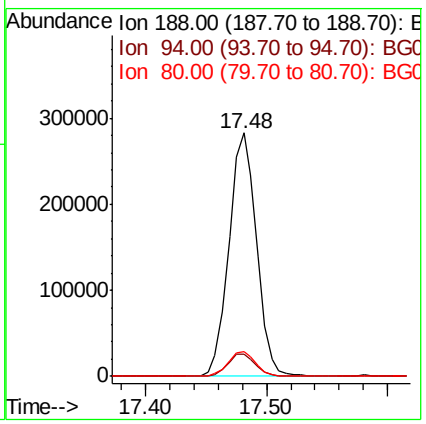


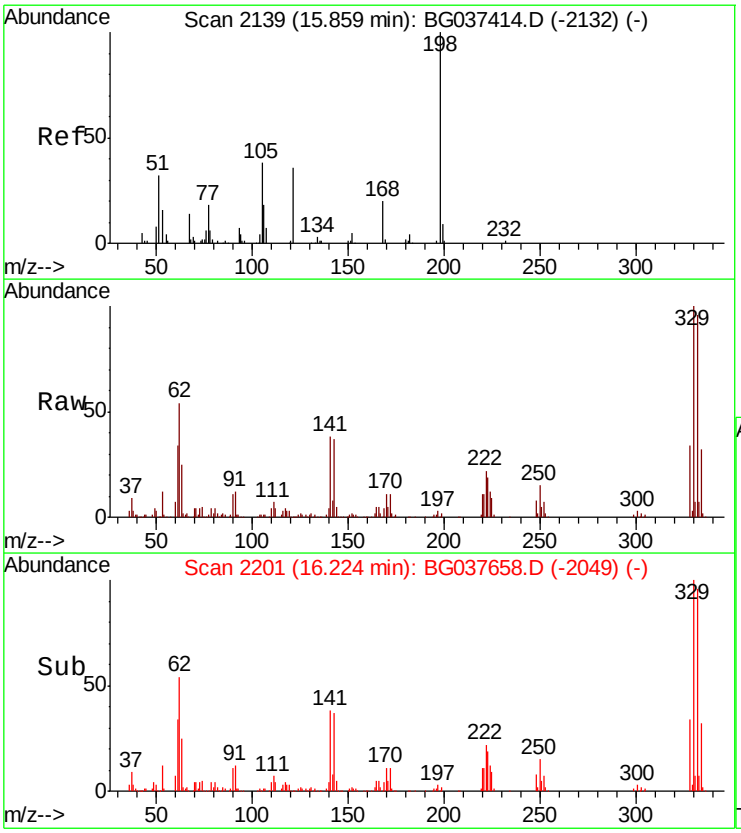
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:188 Resp: 449122

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

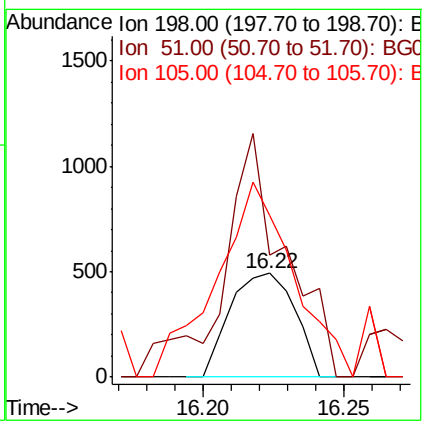


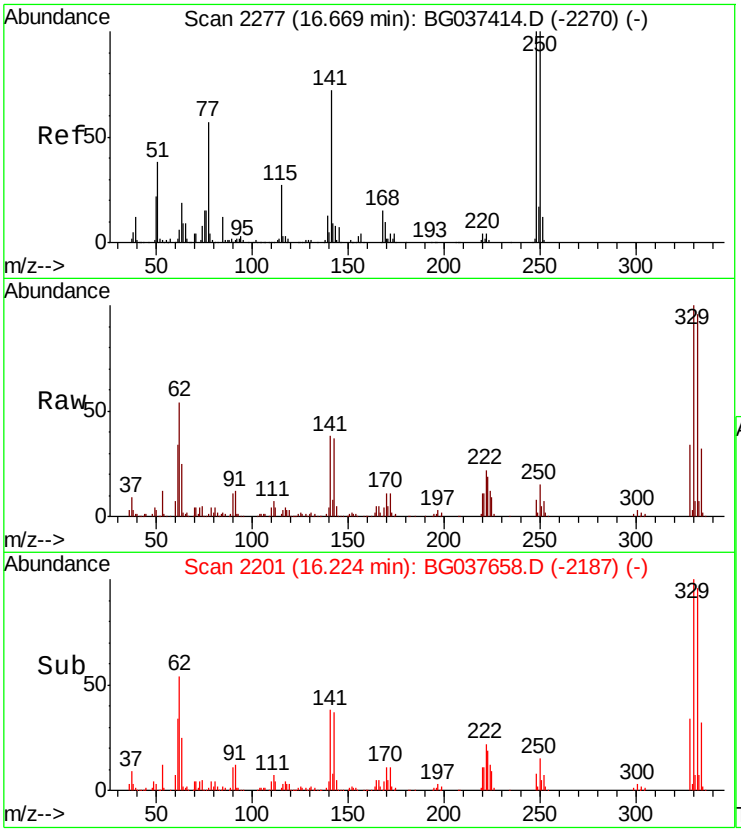


#65
4,6-Dinitro-2-methylphenol
Concen: 8.780 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.37 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:198 Resp: 782

Ion	Ratio	Lower	Upper
198	100		
51	20.6	22.7	62.7#
105	27.2	19.7	59.7



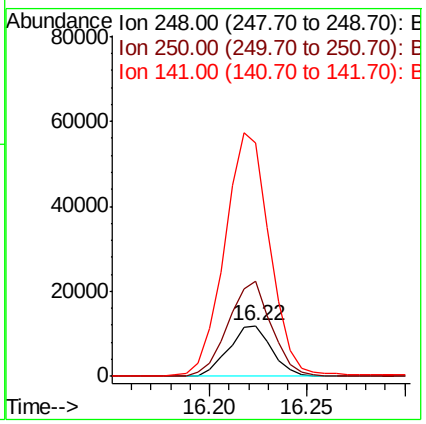


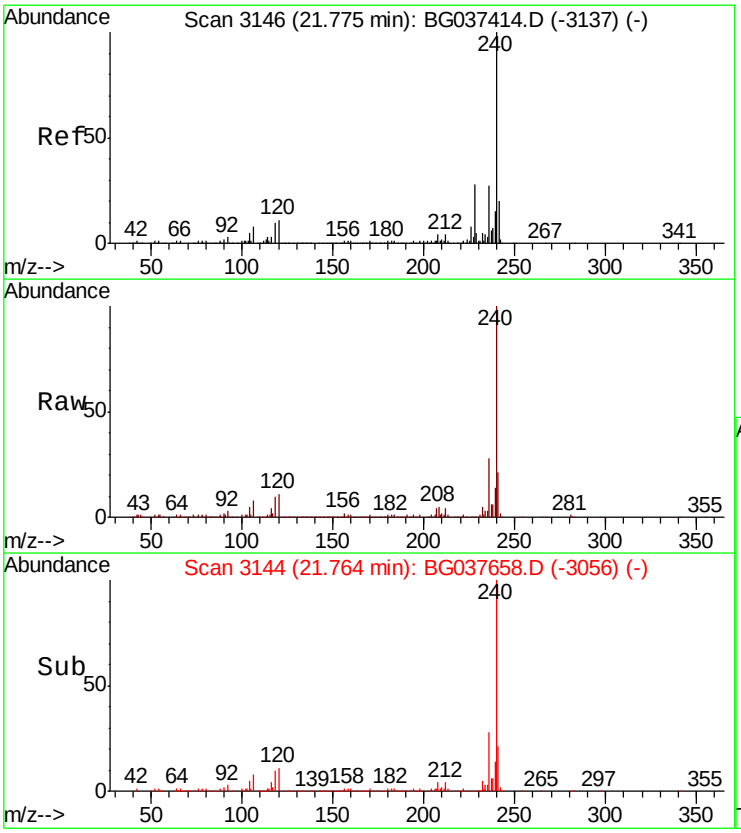
#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:248 Resp: 18252

Ion	Ratio	Lower	Upper
248	100		
250	188.2	77.0	115.6#
141	359.2	55.5	83.3#

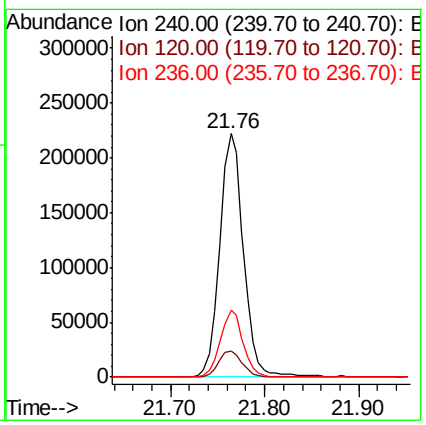


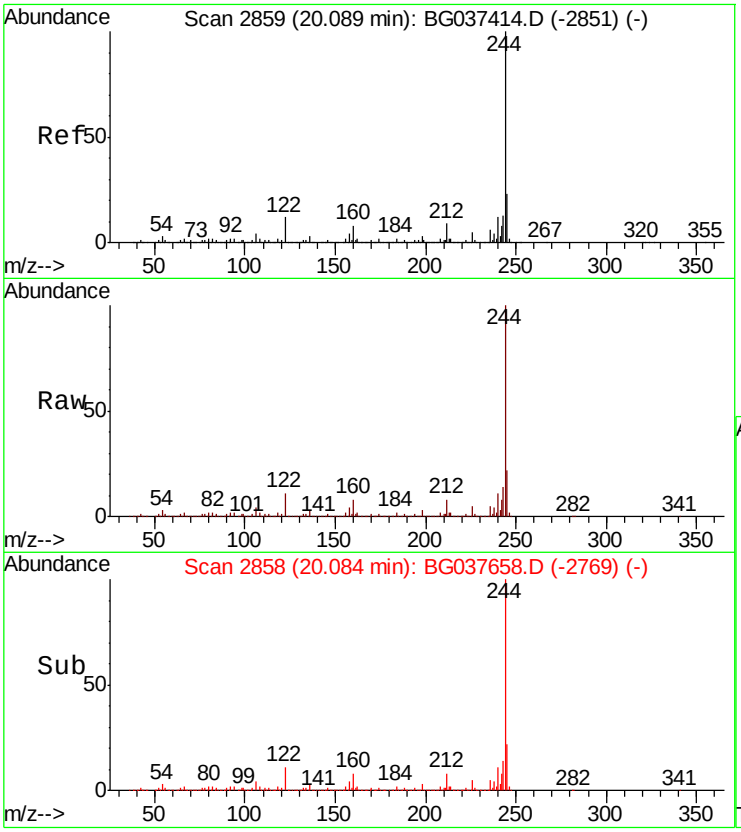


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:240 Resp: 389936

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.5	21.4	32.0



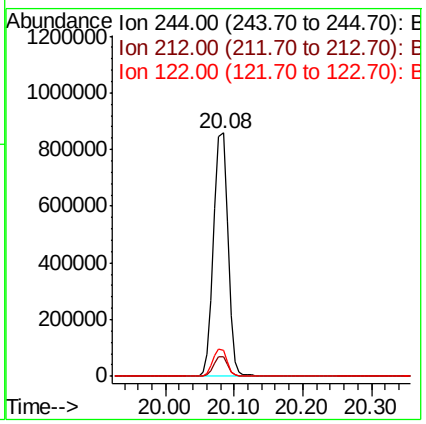


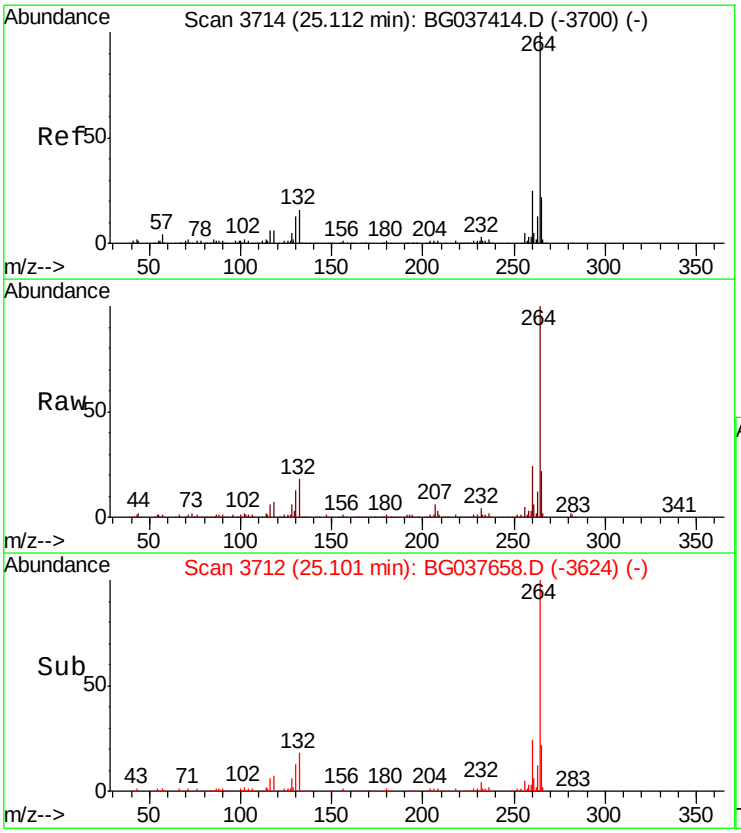
#79
Terphenyl-d14
Concen: 68.529 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037658.D
Acq: 30 Oct 2018 17:58

Instrument :
BNA_G
ClientSampleId :
SB-6-WS

Tgt Ion:244 Resp: 1250579

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.7	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: BG037658.D
Acq: 30 Oct 2018 17:58

Tgt Ion:264 Resp: 392423

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.9	17.9	26.9