Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
Data File : BG037218.D
Acq On : 6 Oct 2018 18:32
Operator : JU/SJ
Sample : PB113547BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113547BL

Quant Time: Oct 08 04:49:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33660	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	133595	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	90382	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	263057	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	281992	20.00	ng	-0.03
86) Perylene-d12	24.86	264	267149	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	190404	108.48	ng	-0.01
7) Phenol-d6	7.19	99	265224	97.67	ng	-0.02
23) Nitrobenzene-d5	9.19	82	262711	105.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	103841	96.03	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	573131	94.45	ng	-0.02
78) Terphenyl-d14	20.01	244	1180718	110.10	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	32911	14.569	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	11238	7.080	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	11238	5.074	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	6985	2.334	ng	# 1
76) Benzidine	20.01	184	20148	2.364	ng	# 93

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

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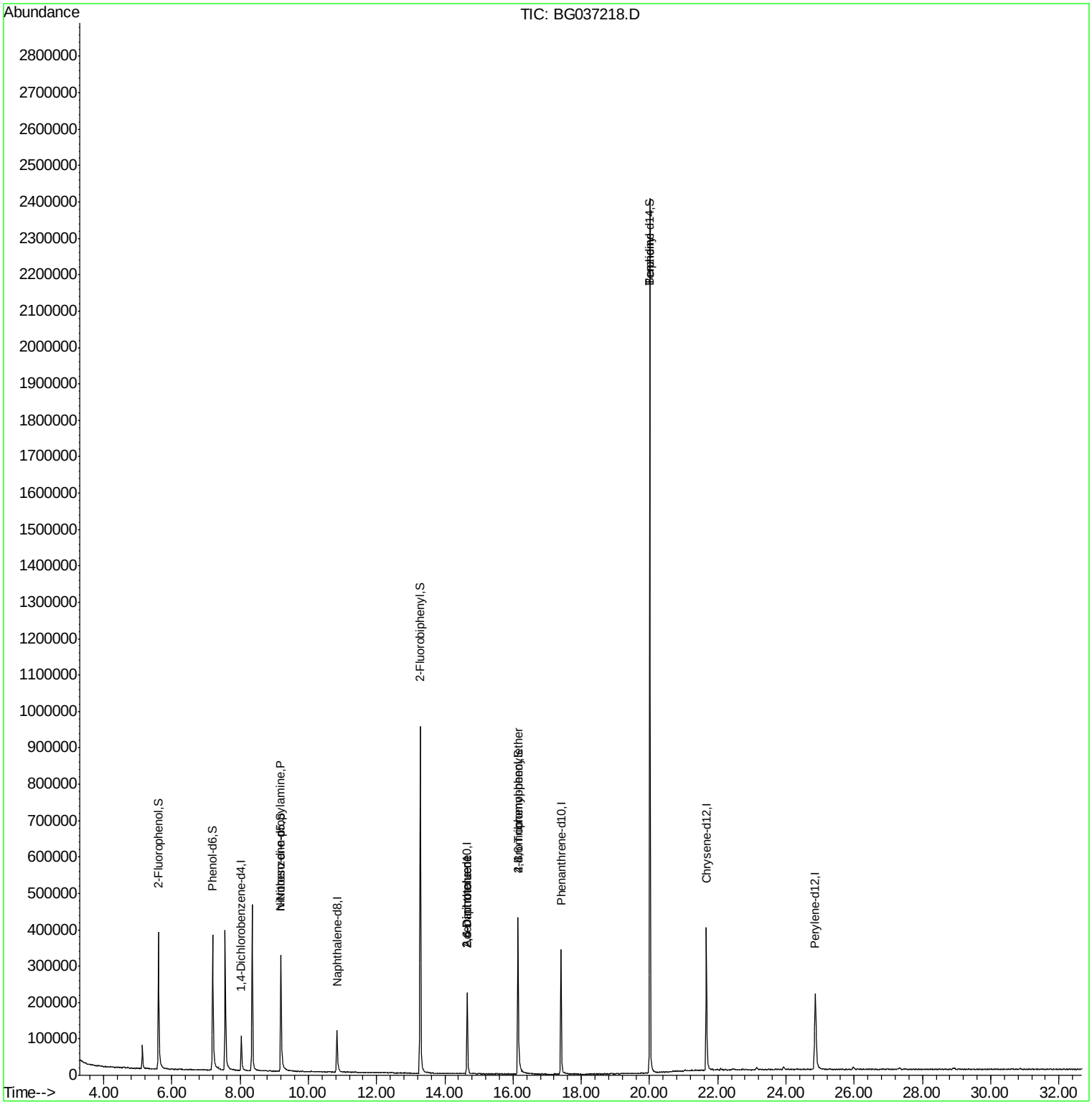
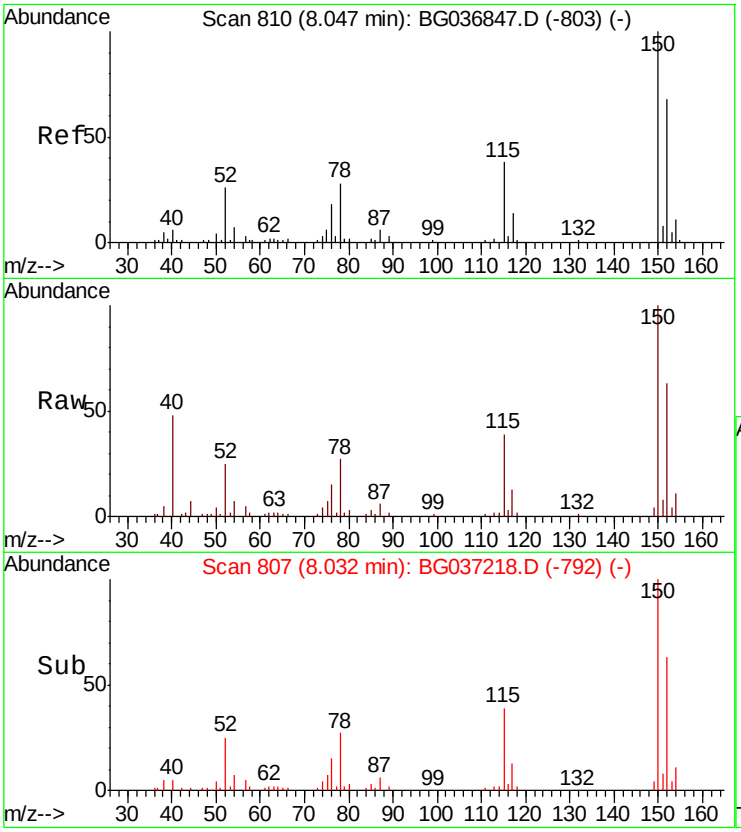


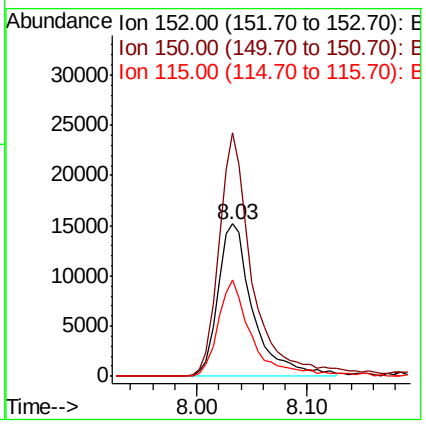


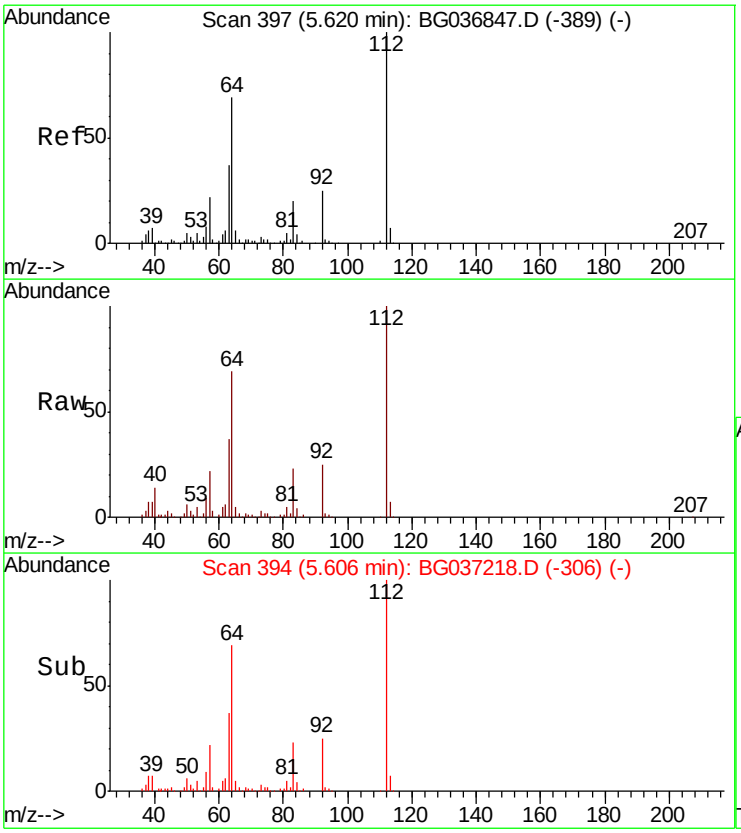
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:152 Resp: 33660

Ion	Ratio	Lower	Upper
152	100		
150	160.0	119.5	179.3
115	63.0	44.5	66.7

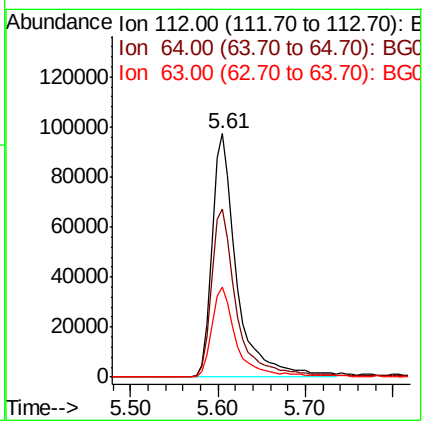


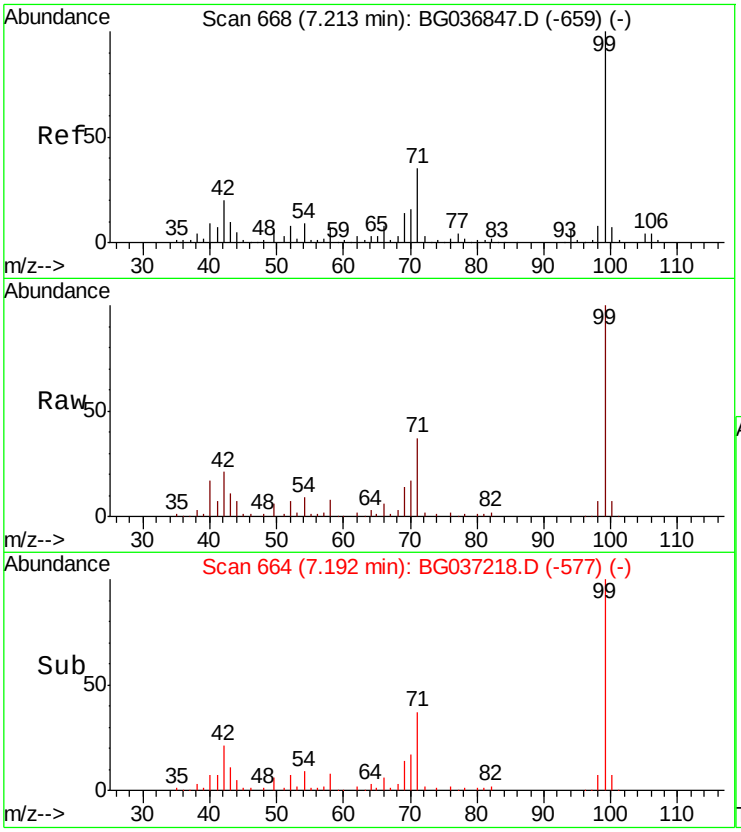


#5
2-Fluorophenol
Concen: 108.483 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion:112 Resp: 190404

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.2	85.8
63	36.8	30.8	46.2



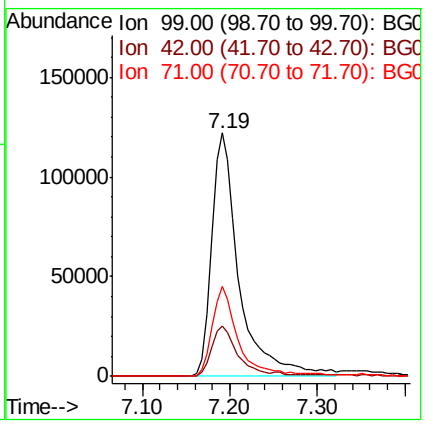


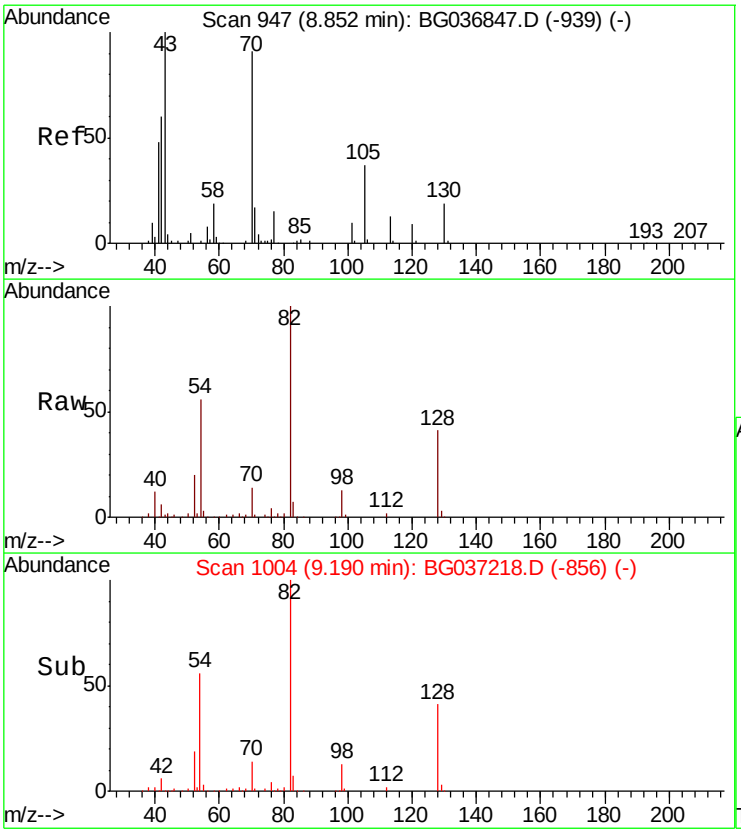
#7
Phenol-d6
Concen: 97.670 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion: 99 Resp: 265224

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.5	24.7
71	37.1	29.4	44.2

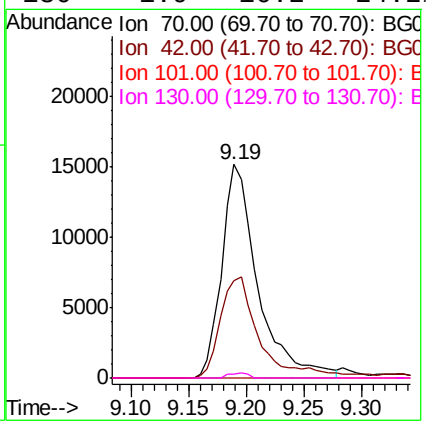


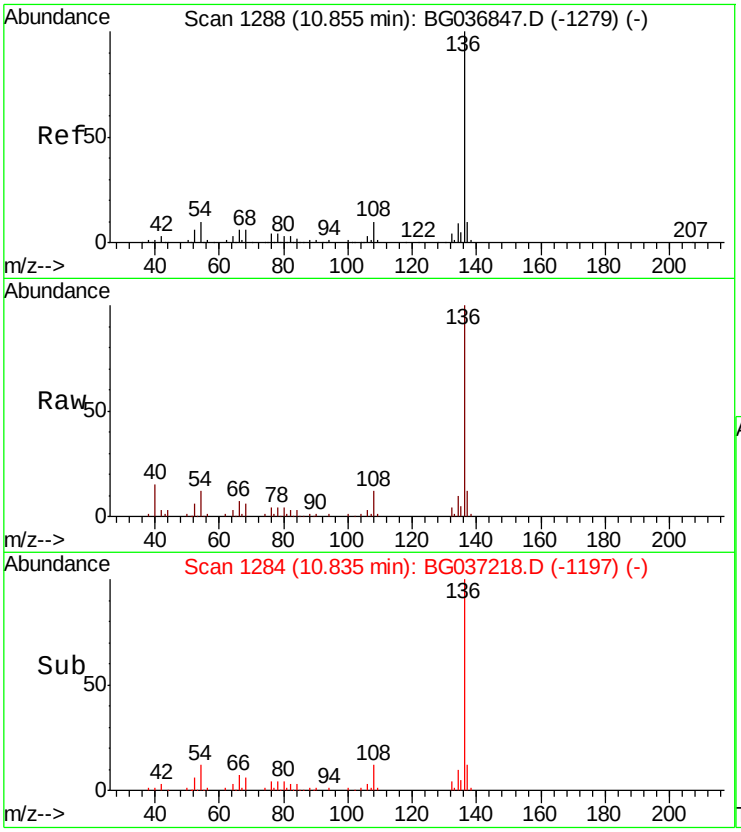


#19
n-Nitroso-di-n-propylamine
Concen: 14.569 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.34 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion: 70 Resp: 32911

Ion	Ratio	Lower	Upper
70	100		
42	45.3	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



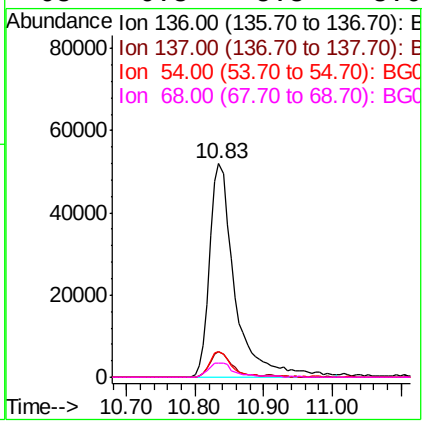


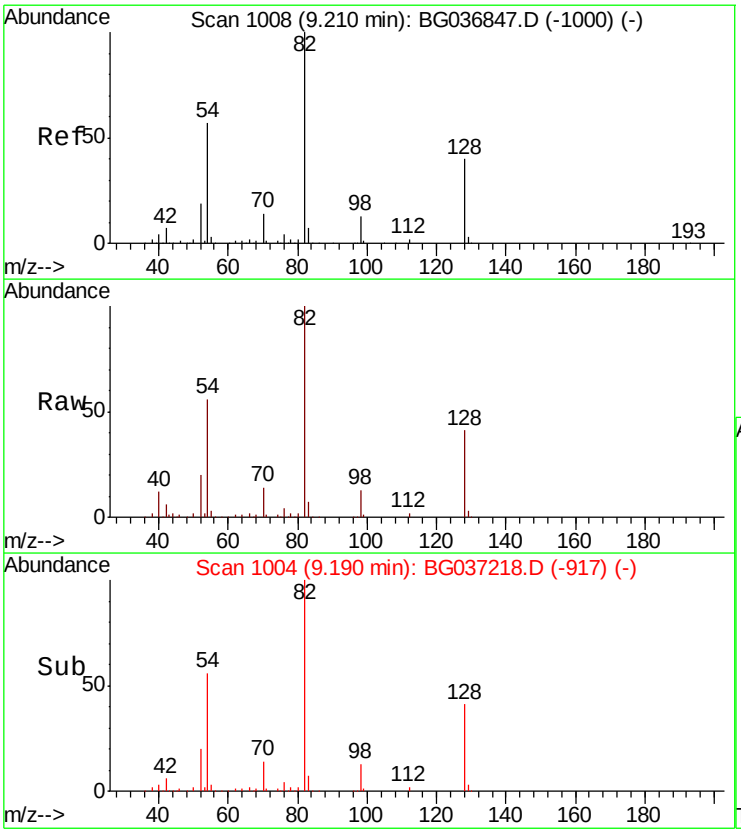
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:136 Resp: 133595

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	12.1	9.2	13.8
68	6.3	5.8	8.6

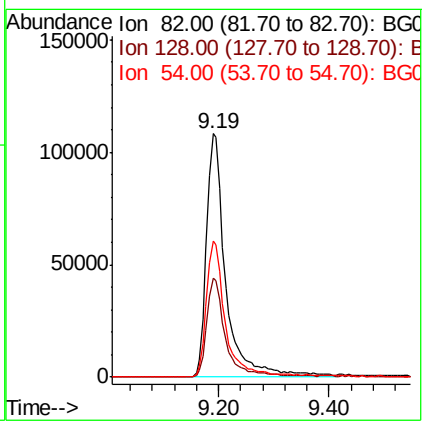


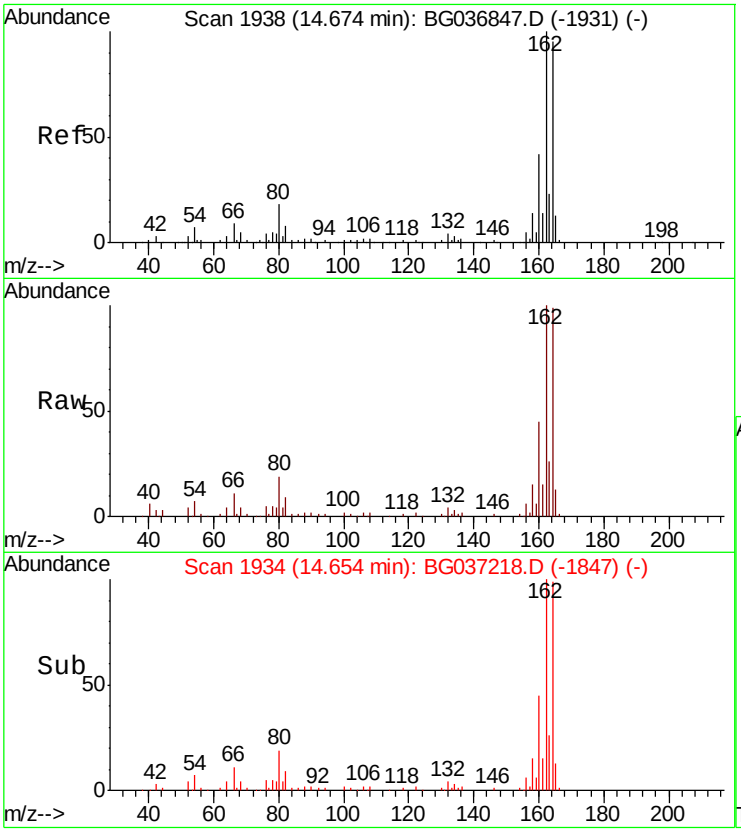


#23
Nitrobenzene-d5
Concen: 105.307 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion: 82 Resp: 262711

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	56.1	45.1	67.7



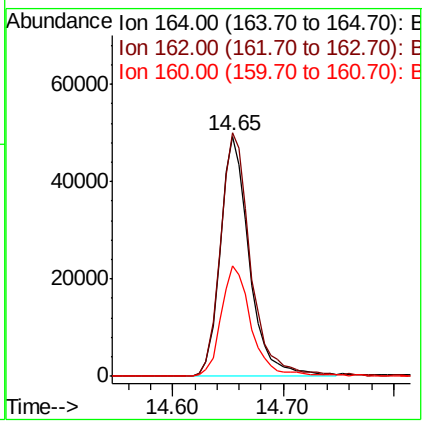


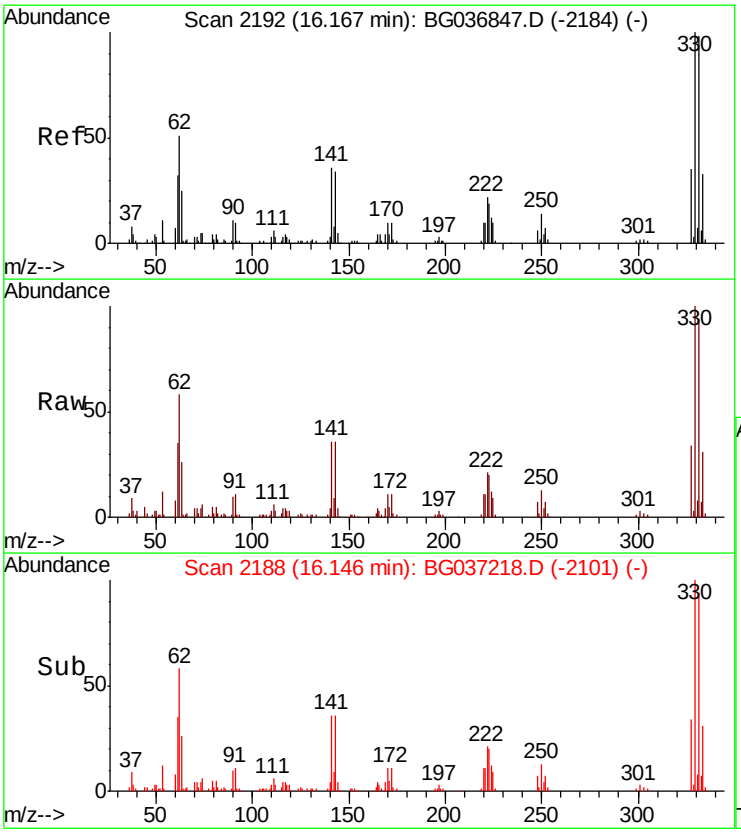
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:164 Resp: 90382

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	46.1	35.3	52.9

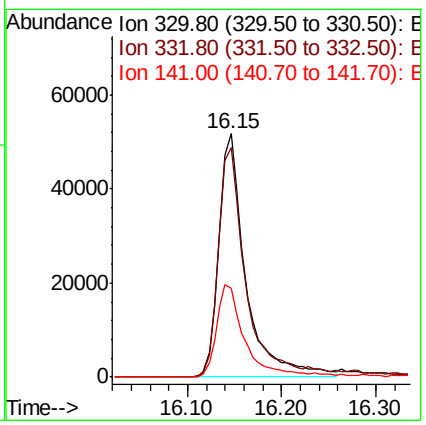


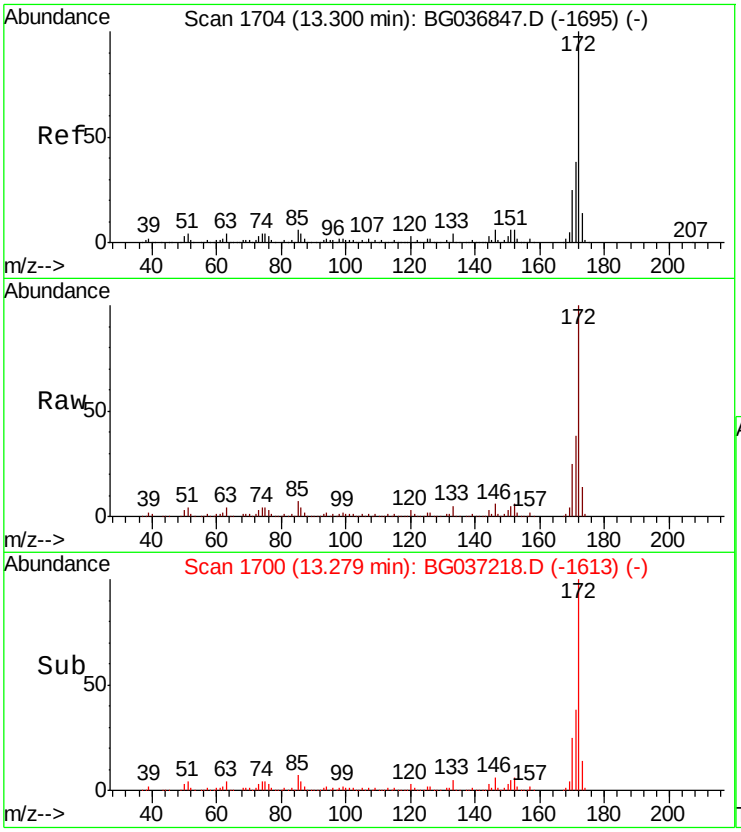


#41
2,4,6-Tribromophenol
Concen: 96.028 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion:330 Resp: 103841

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.4	113.2
141	40.0	30.7	46.1



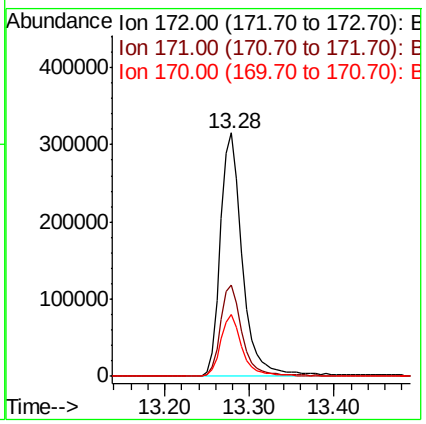


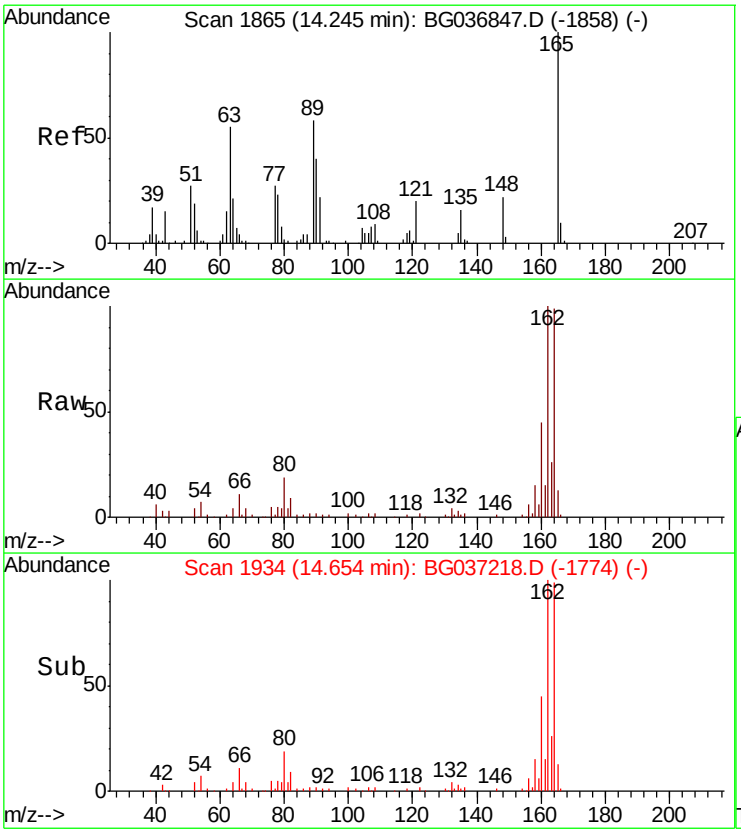
#44
2-Fluorobiphenyl
Concen: 94.445 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:172 Resp: 573131

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.3	21.0	31.6

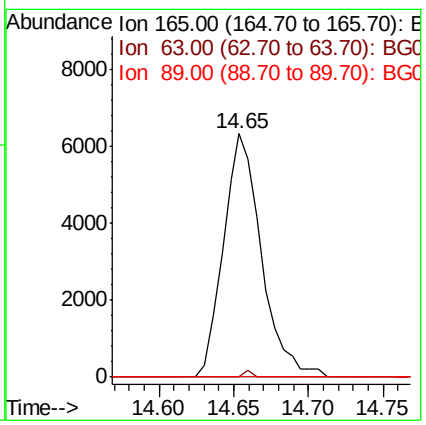


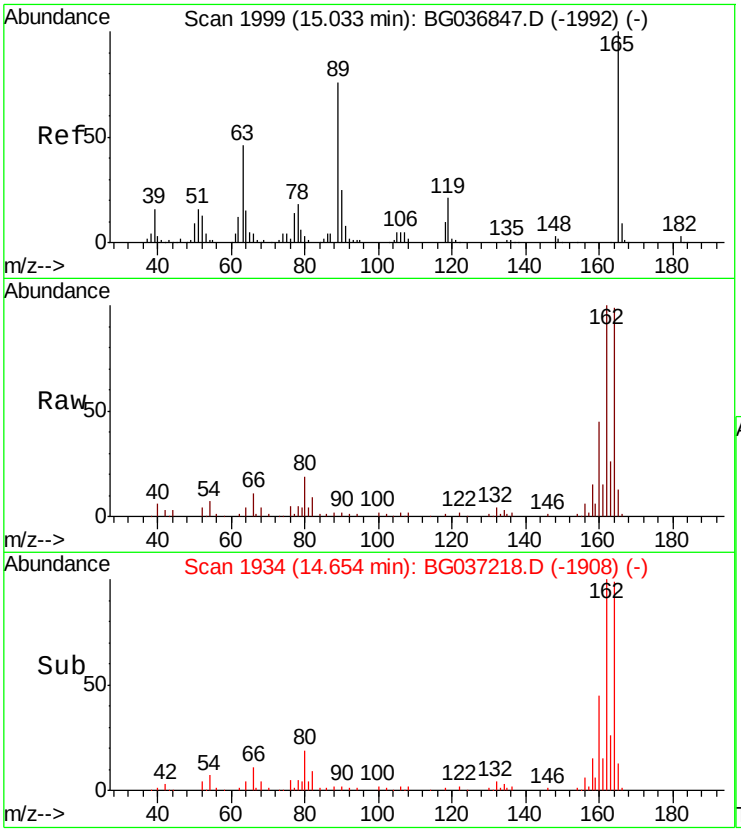


#50
2,6-Dinitrotoluene
Concen: 7.080 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion:165 Resp: 11238

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#



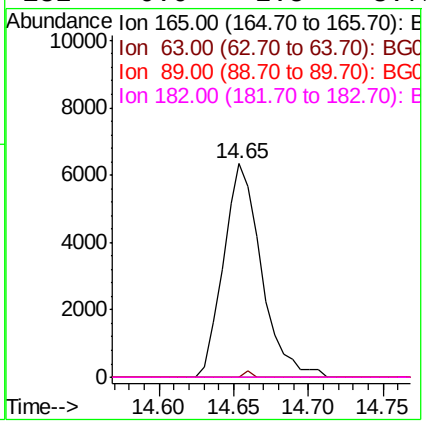


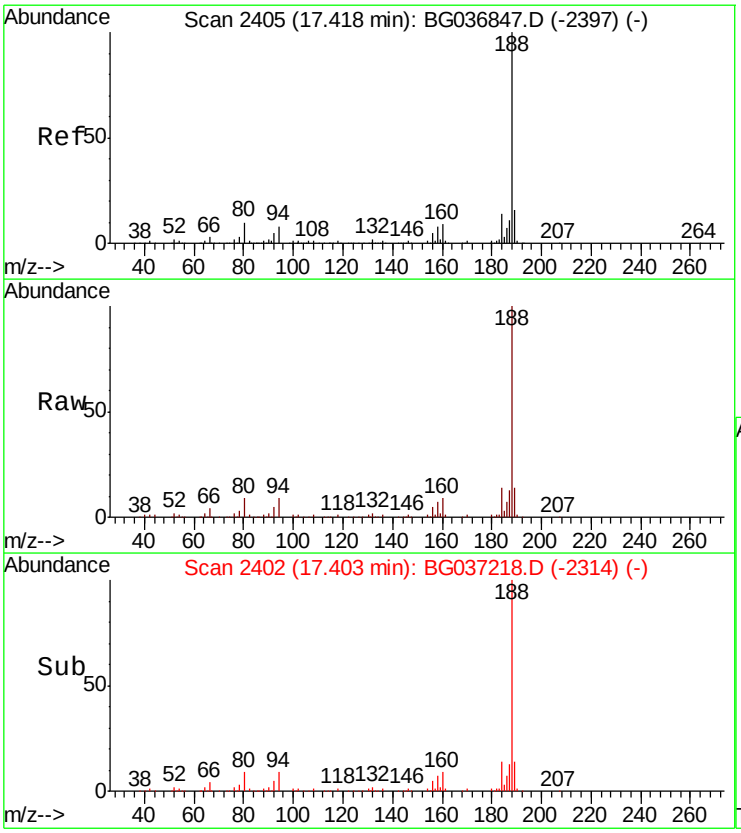
#56
2,4-Dinitrotoluene
Concen: 5.074 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:165 Resp: 11238

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

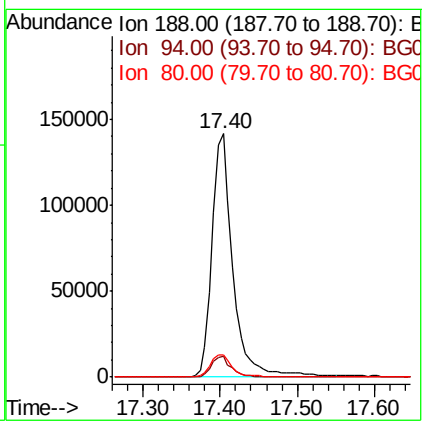


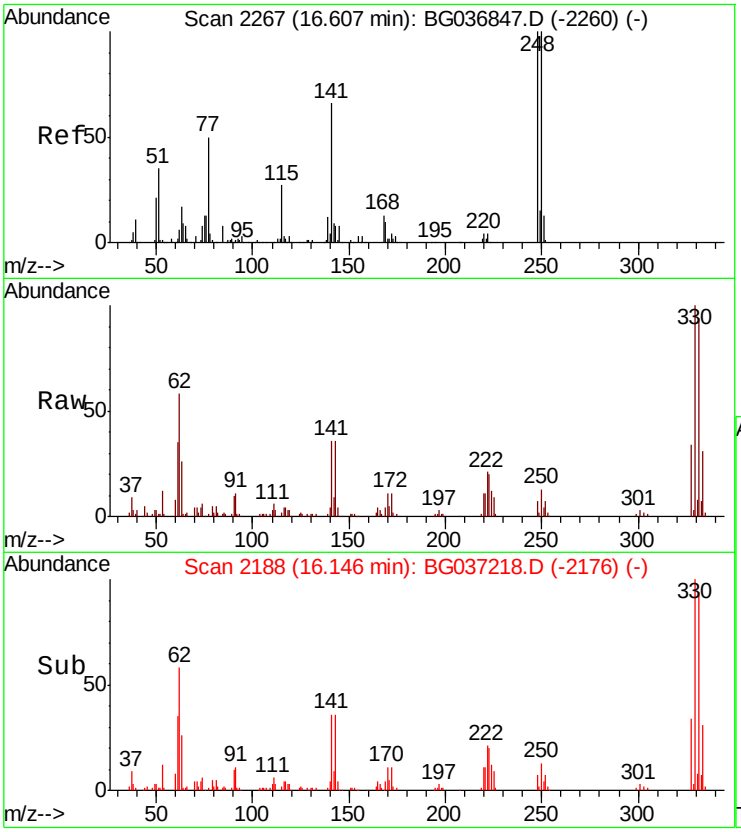


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion:188 Resp: 263057

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	8.1	12.1



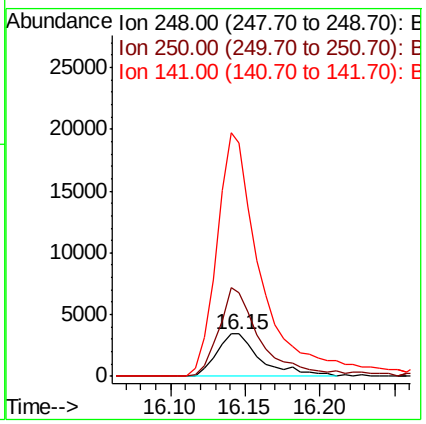


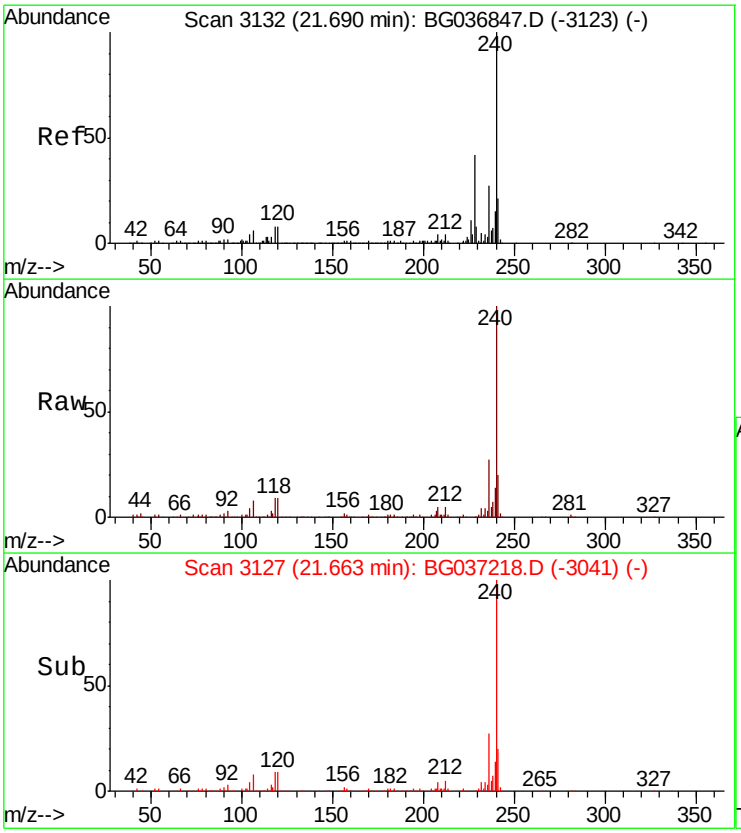
#66
4-Bromophenyl-phenylether
Concen: 2.334 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:248 Resp: 6985

Ion	Ratio	Lower	Upper
248	100		
250	196.8	78.1	117.1#
141	550.5	53.7	80.5#

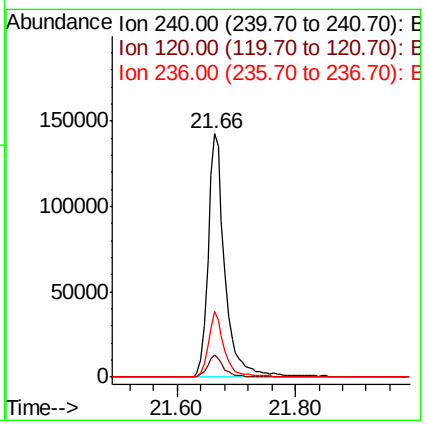


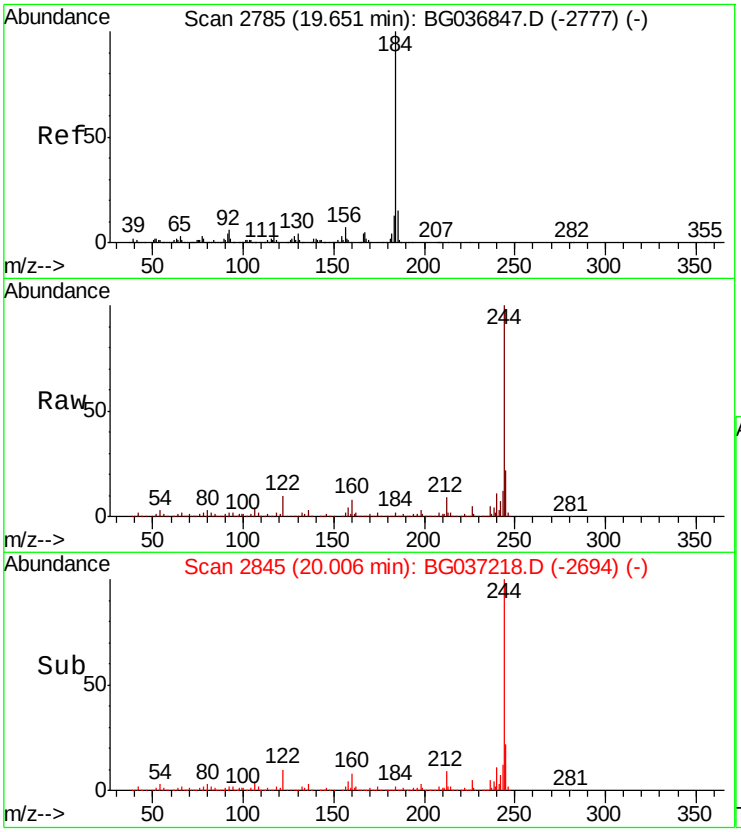


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion:240 Resp: 281992

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	26.8	21.2	31.8



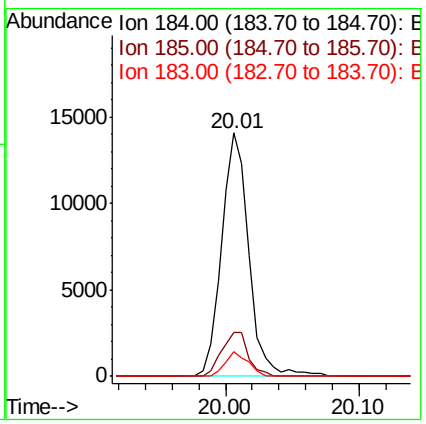


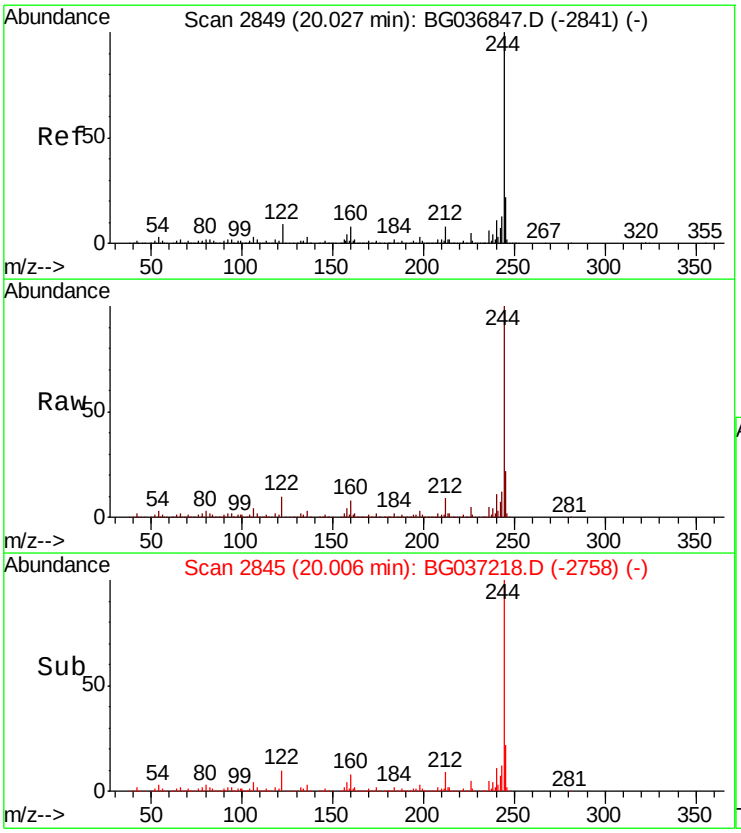
#76
Benzidine
Concen: 2.364 ng
RT: 20.01 min Scan# 2845
Delta R.T. 0.36 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:184 Resp: 20148

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.6	18.8
183	10.2	10.9	16.3#

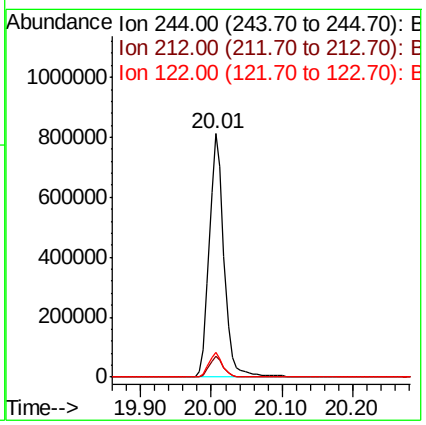


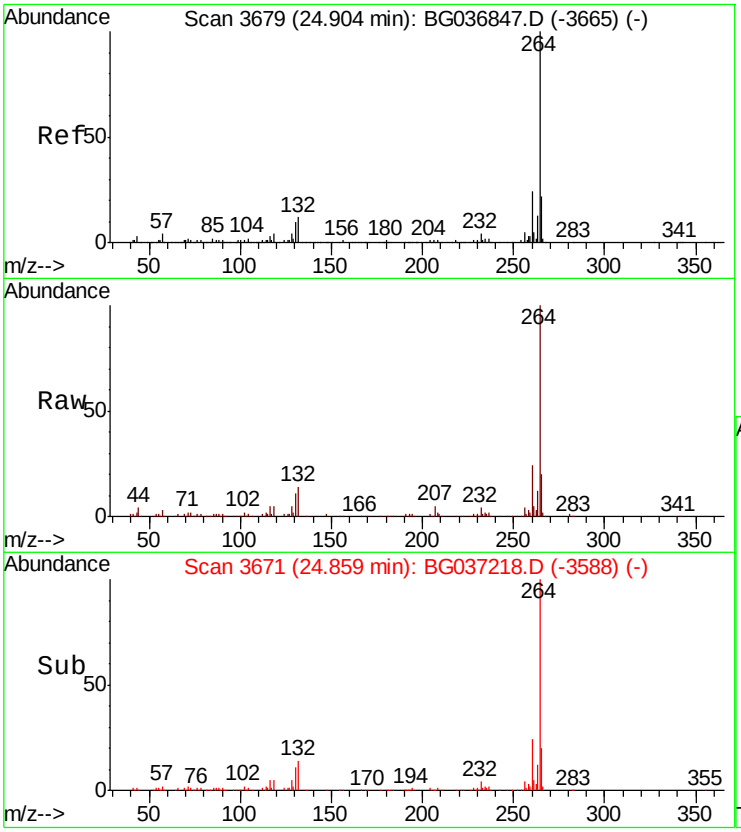


#78
Terphenyl-d14
Concen: 110.098 ng
RT: 20.01 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Tgt Ion:244 Resp: 1180718

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.0	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.04 min
Lab File: BG037218.D
Acq: 6 Oct 2018 18:32

Instrument :
BNA_G
ClientSampleId :
PB113547BL

Tgt Ion:264 Resp: 267149

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.3	17.4	26.0