Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
Data File : BG037210.D
Acq On : 6 Oct 2018 13:18
Operator : JU/SJ
Sample : J5204-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-100318-B

Quant Time: Oct 08 04:47:33 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	44008	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	172984	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	110981	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291826	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	293723	20.00	ng	-0.02
86) Perylene-d12	24.86	264	282501	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	292188	127.33	ng	-0.01
7) Phenol-d6	7.19	99	359428	101.24	ng	-0.02
23) Nitrobenzene-d5	9.19	82	305166	94.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	164690	124.03	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	625068	83.89	ng	-0.02
78) Terphenyl-d14	20.01	244	1090399	97.62	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	38565	13.057	ng	# 70
50) 2,6-Dinitrotoluene	14.65	165	14370	7.373	ng	# 20
53) 2,4-Dinitrophenol	14.80	184	58	7.707	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	14370	5.284	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	11406	3.436	ng	# 1
76) Benzidine	20.01	184	18860	2.124	ng	# 93

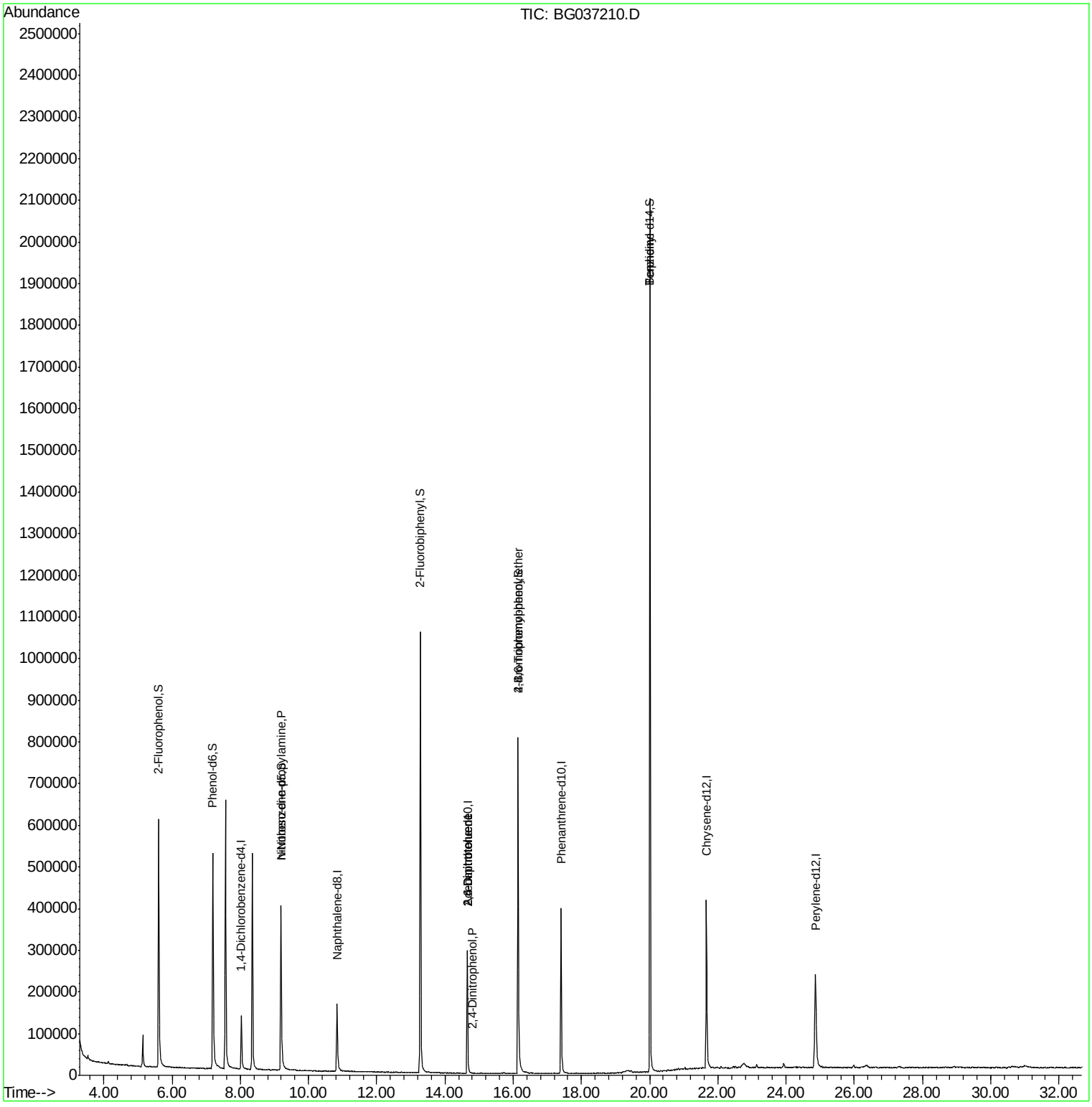
(#) = qualifier out of range (m) = manual integration (+) = signals summed

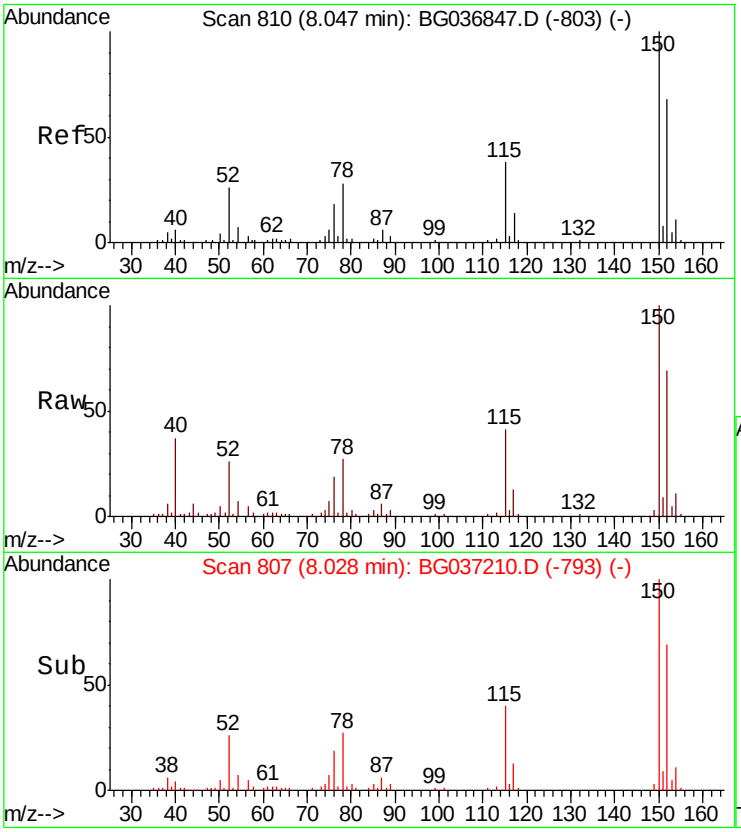
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
Data File : BG037210.D
Acq On : 6 Oct 2018 13:18
Operator : JU/SJ
Sample : J5204-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-100318-B

Quant Time: Oct 08 04:47:33 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



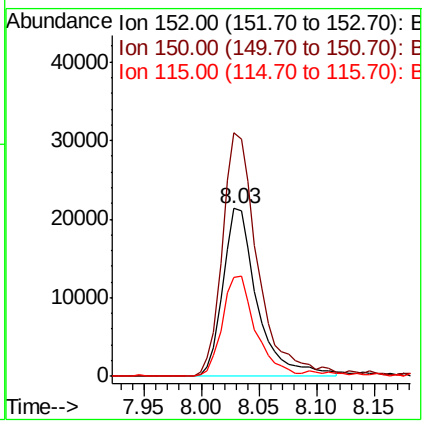


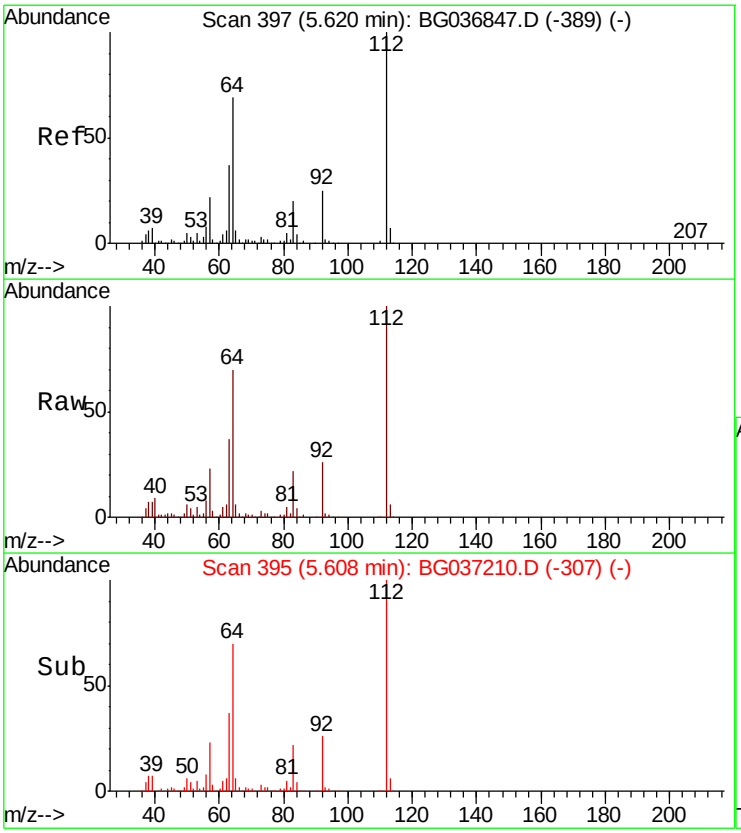
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:152 Resp: 44008

Ion	Ratio	Lower	Upper
152	100		
150	145.3	119.5	179.3
115	59.3	44.5	66.7

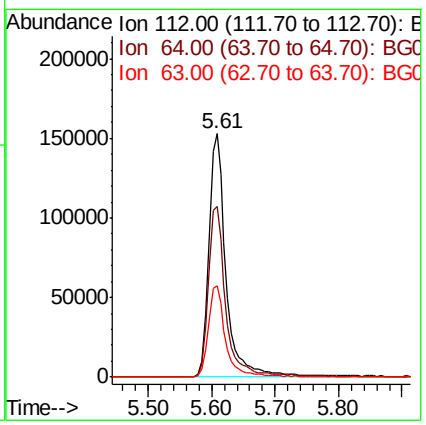


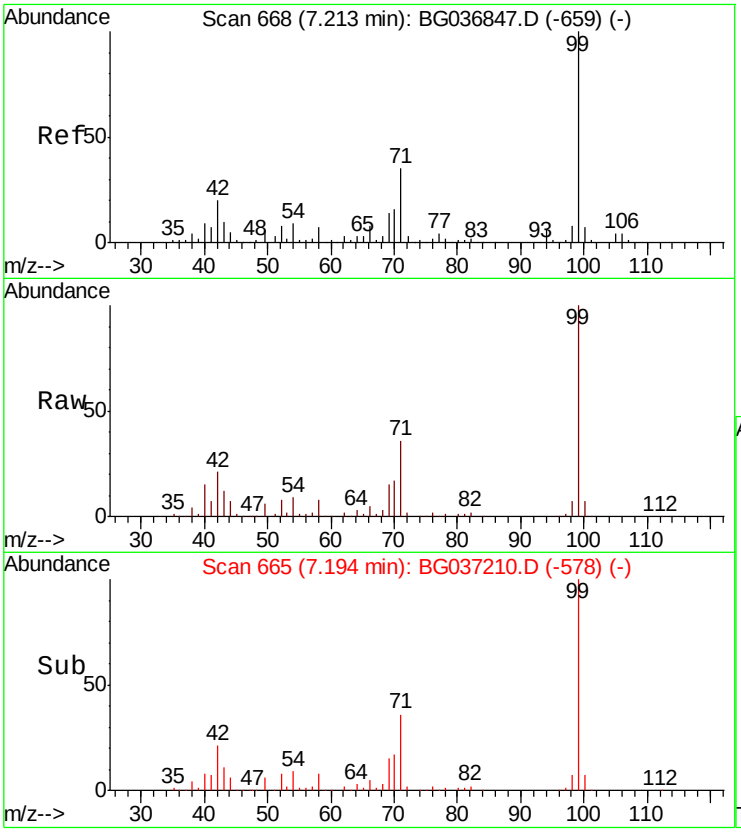


#5
2-Fluorophenol
Concen: 127.330 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:112 Resp: 292188

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	37.5	30.8	46.2



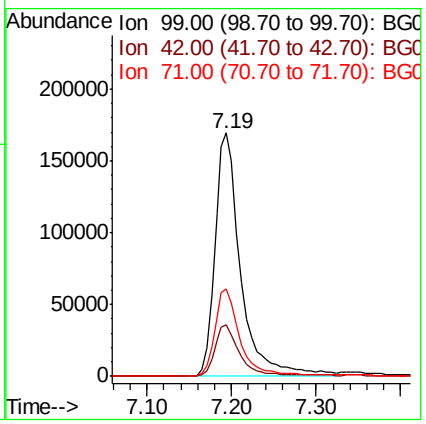


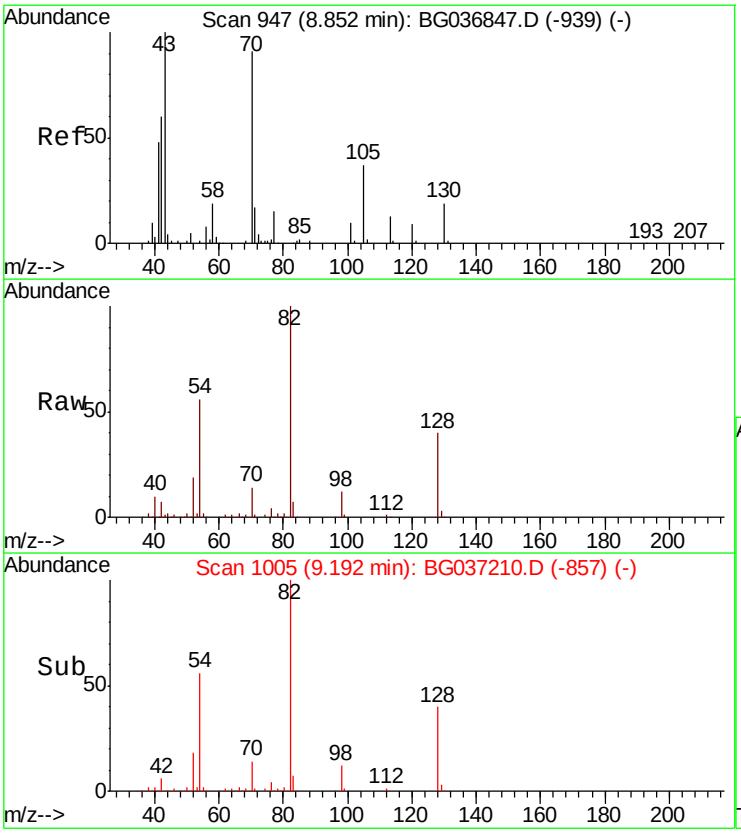
#7
Phenol-d6
Concen: 101.238 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion: 99 Resp: 359428

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.5	24.7
71	36.0	29.4	44.2

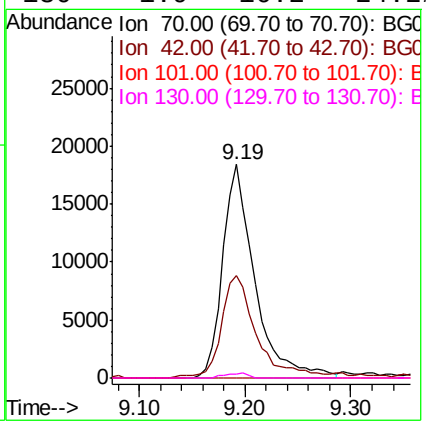


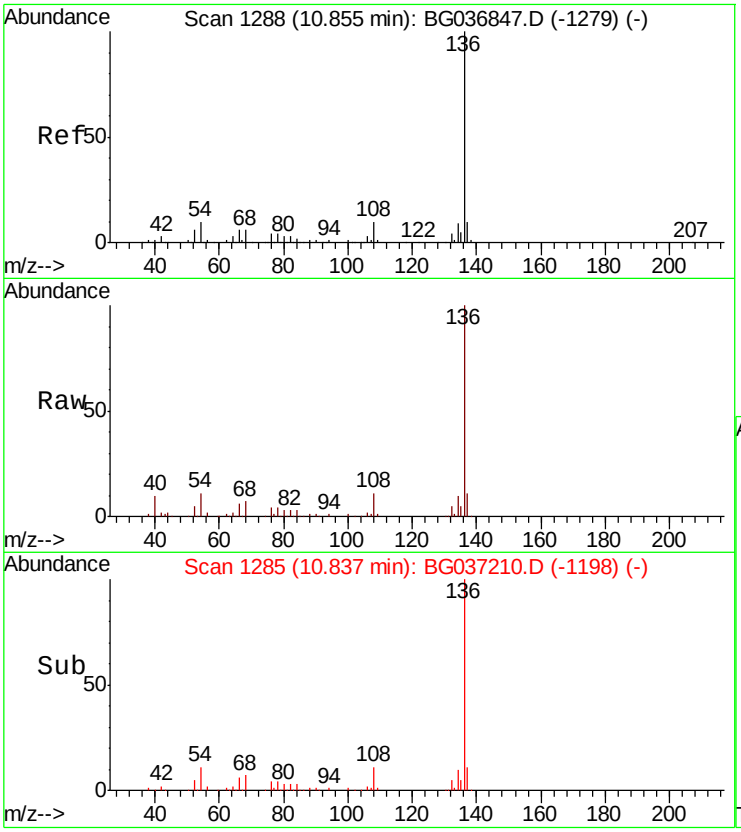


#19
n-Nitroso-di-n-propylamine
Concen: 13.057 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion: 70 Resp: 38565

Ion	Ratio	Lower	Upper
70	100		
42	47.9	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



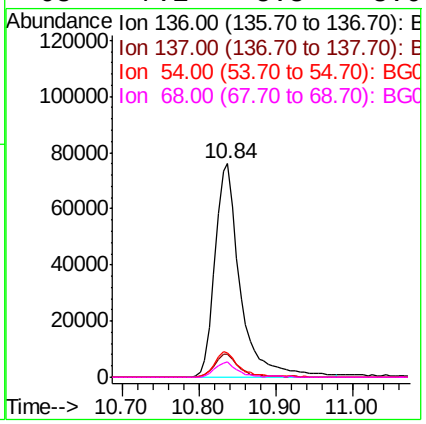


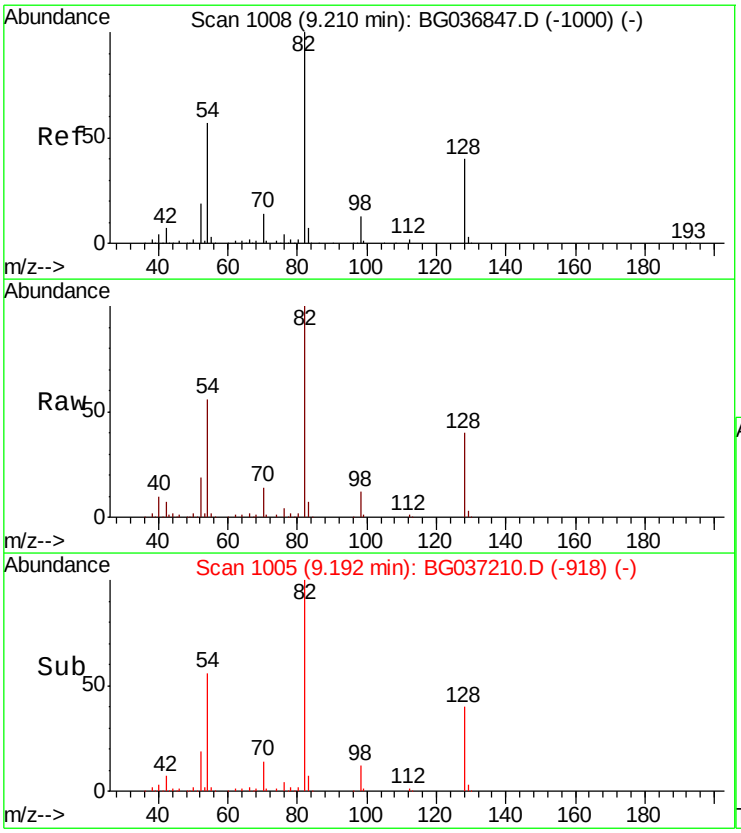
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:136 Resp: 172984

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.2	9.2	13.8
68	7.1	5.8	8.6

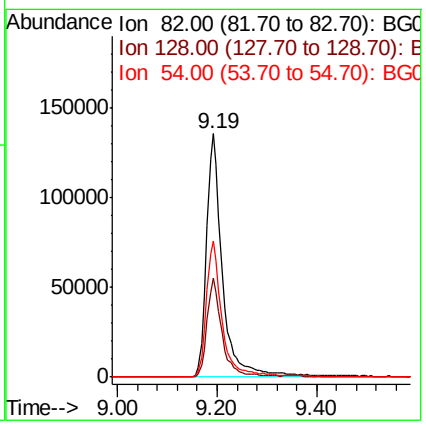


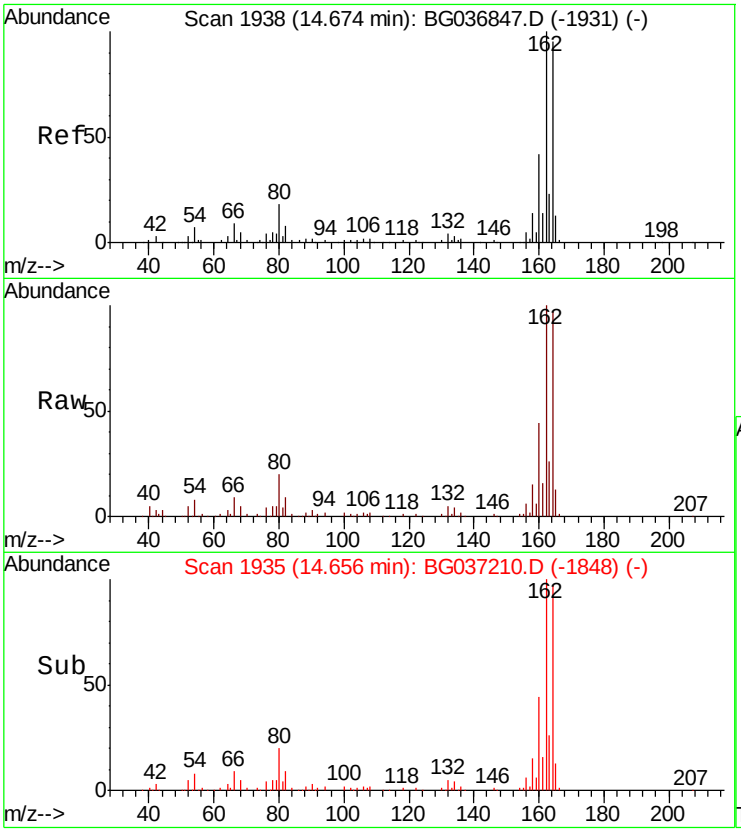


#23
Nitrobenzene-d5
Concen: 94.471 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion: 82 Resp: 305166

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	55.9	45.1	67.7



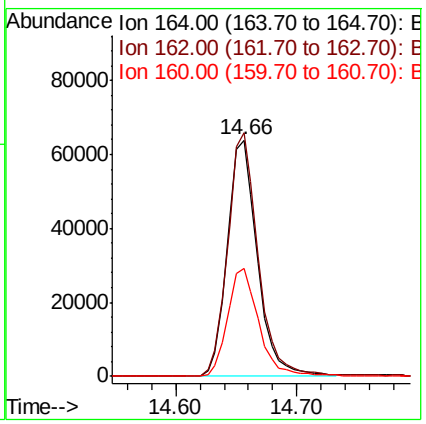


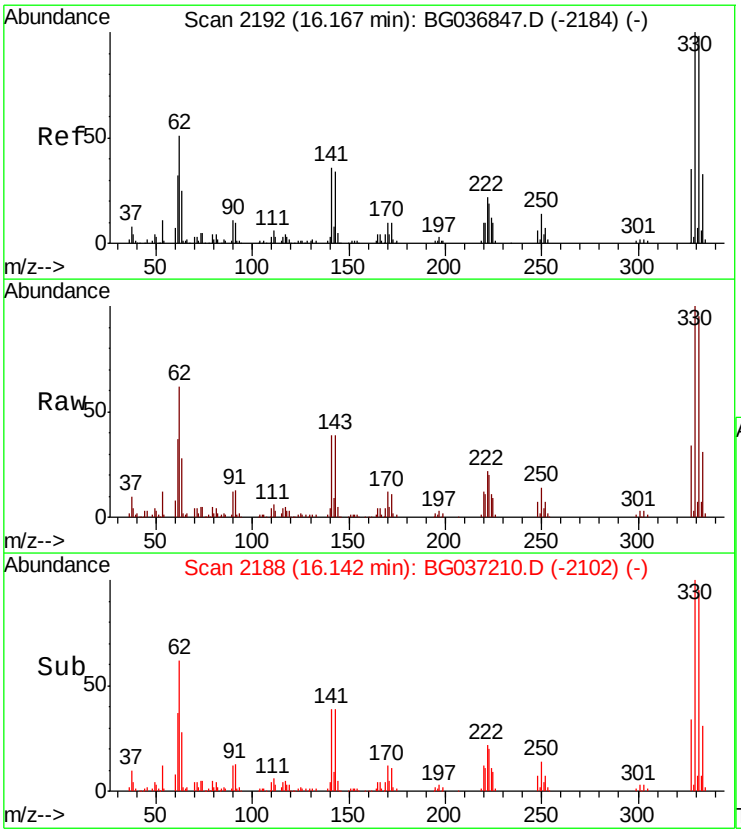
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:164 Resp: 110981

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	45.5	35.3	52.9

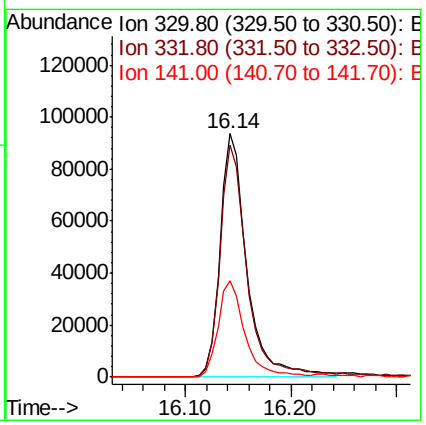


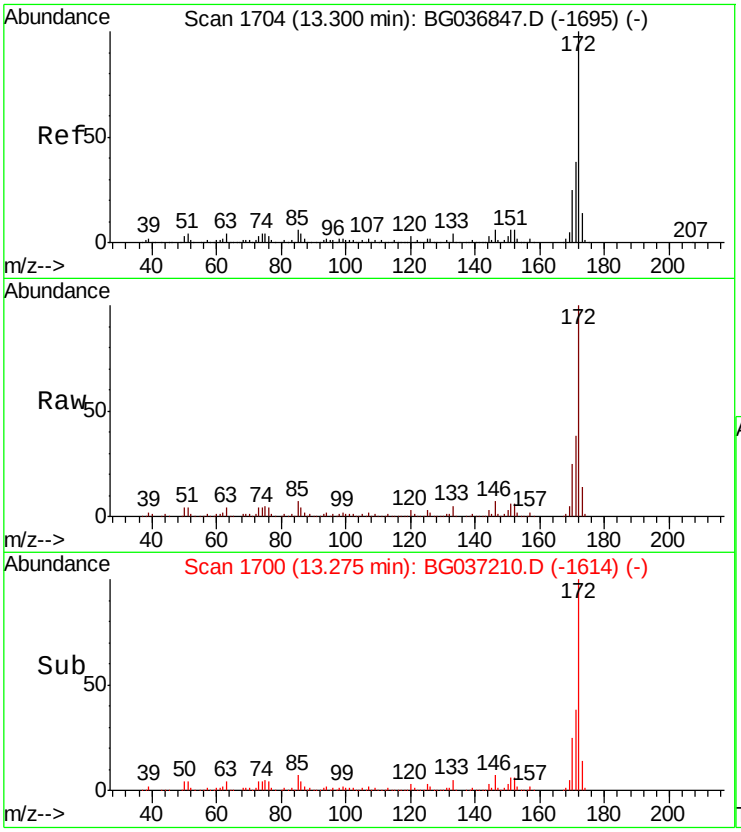


#41
2,4,6-Tribromophenol
Concen: 124.030 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:330 Resp: 164690

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	39.8	30.7	46.1



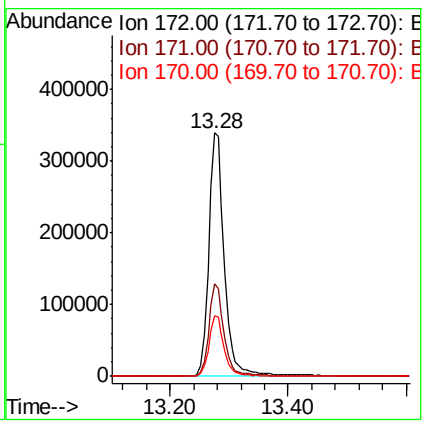


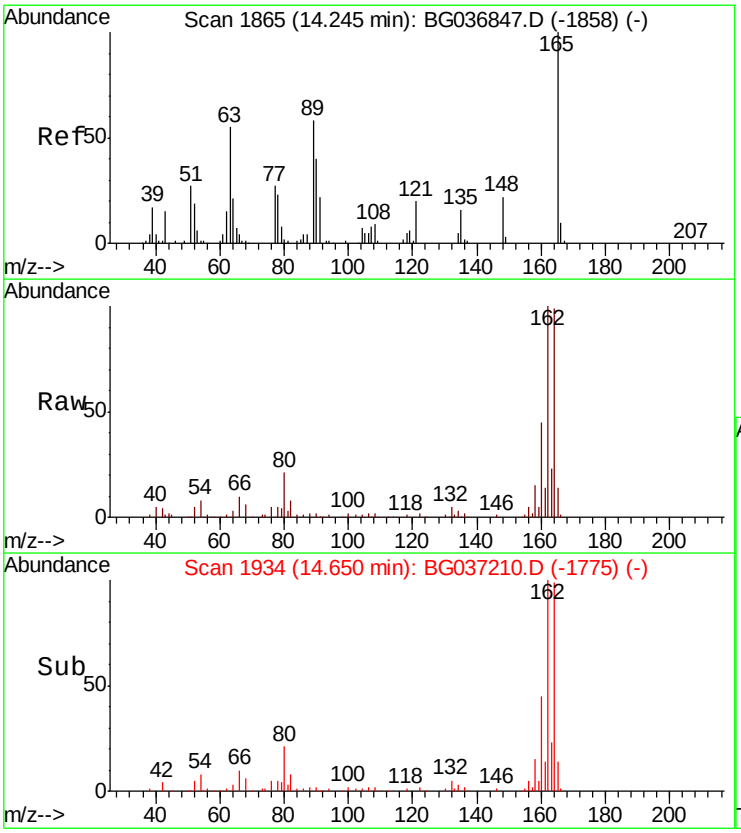
#44
2-Fluorobiphenyl
Concen: 83.886 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:172 Resp: 625068

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.8	21.0	31.6

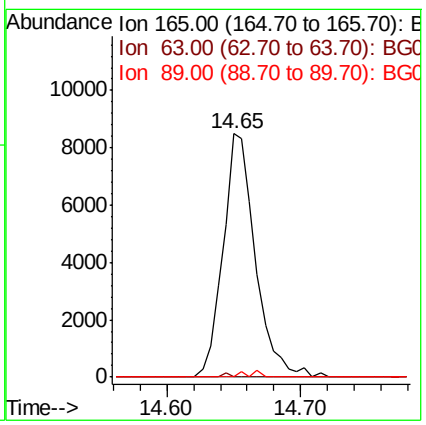


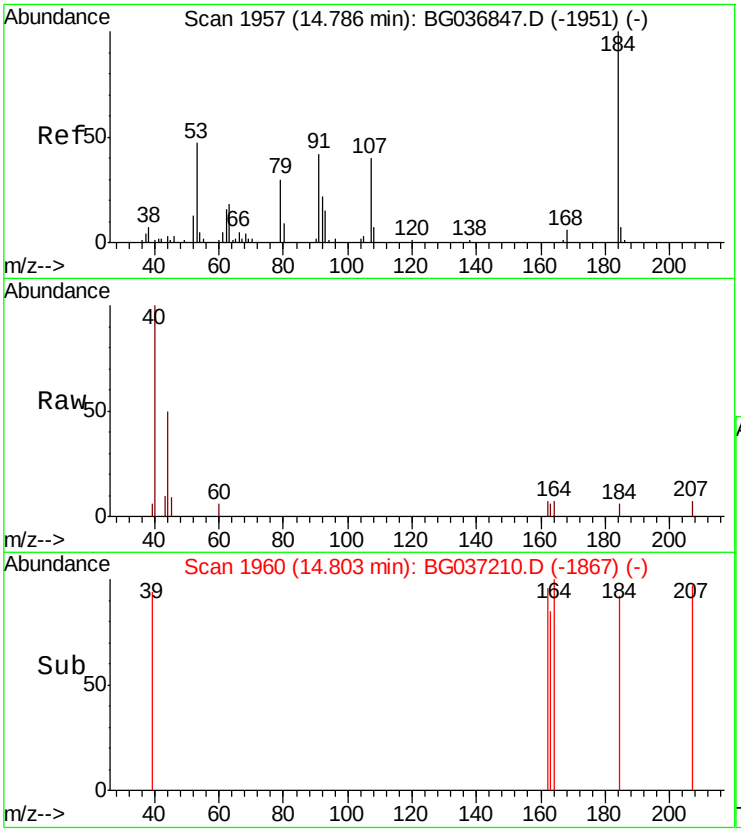


#50
2,6-Dinitrotoluene
Concen: 7.373 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.40 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:165 Resp: 14370

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



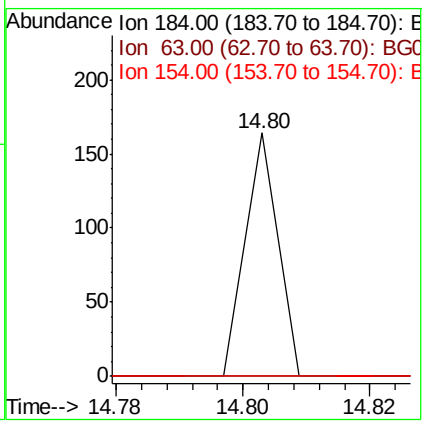


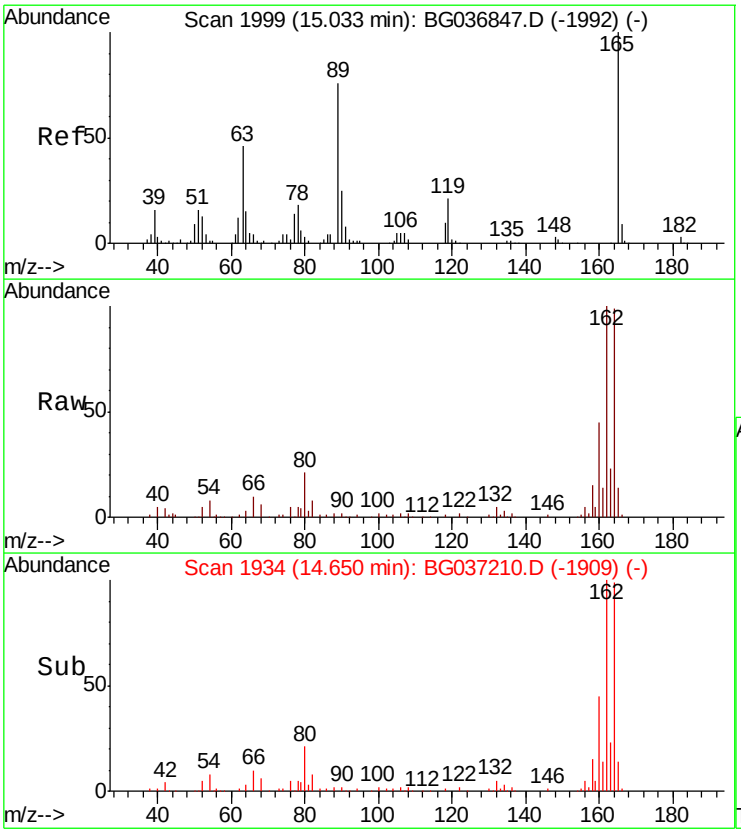
#53
2,4-Dinitrophenol
Concen: 7.707 ng
RT: 14.80 min Scan# 1960
Delta R.T. 0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.3	70.9#
154	0.0	51.1	76.7#

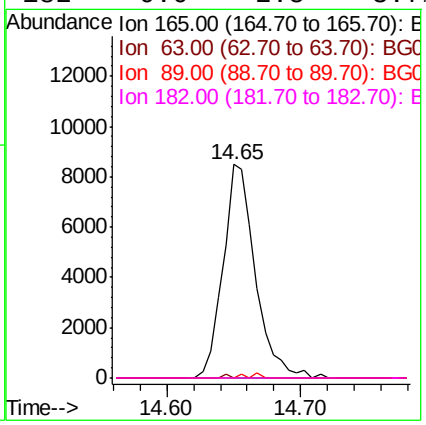


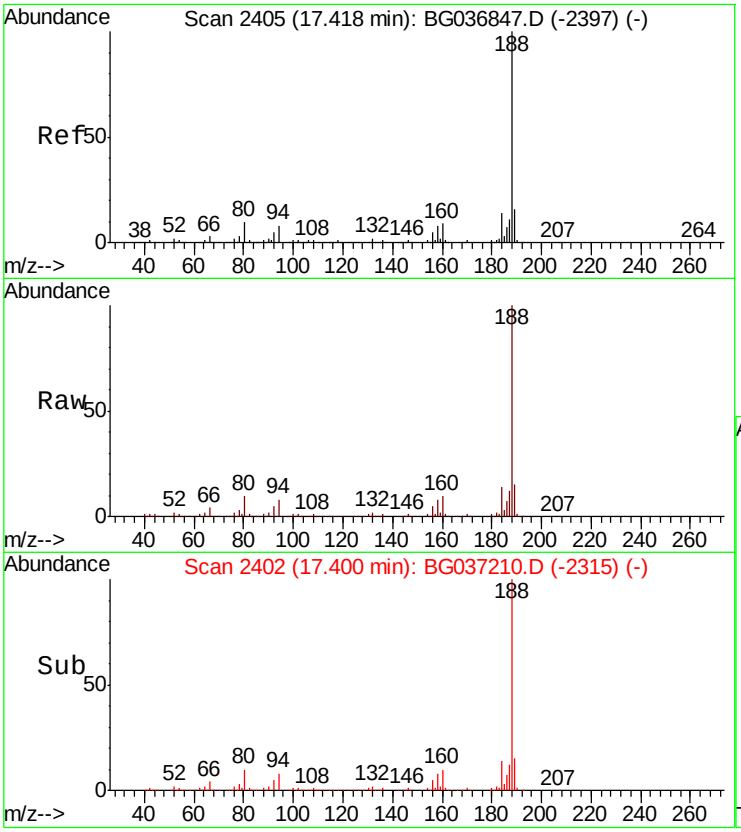


#56
2,4-Dinitrotoluene
Concen: 5.284 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:165 Resp: 14370

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#



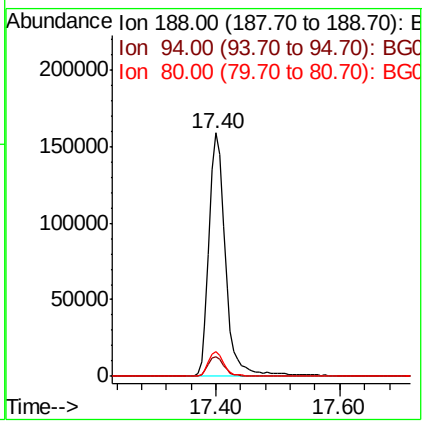


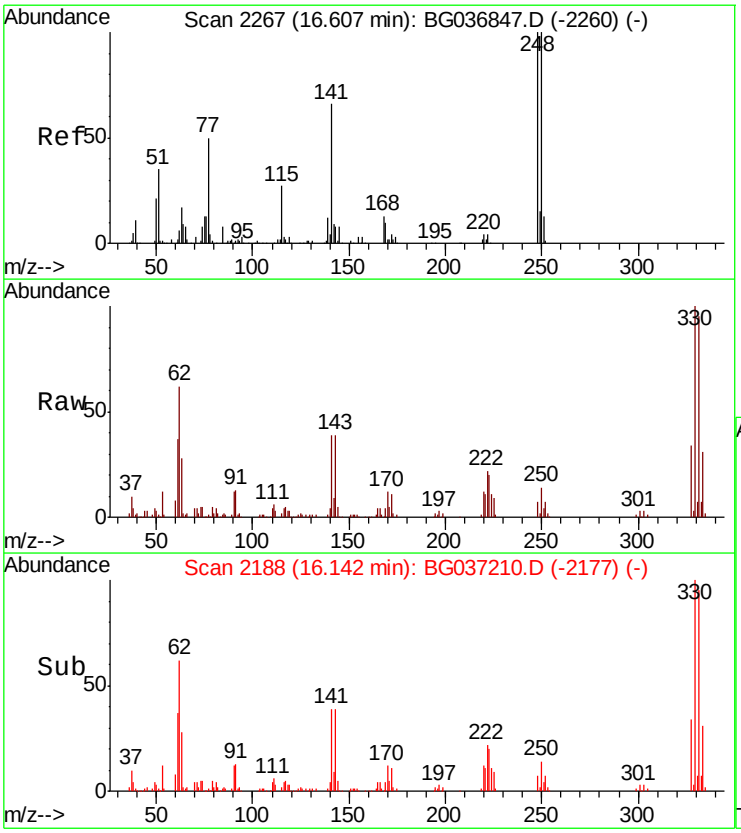
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:188 Resp: 291826

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	10.3	8.1	12.1

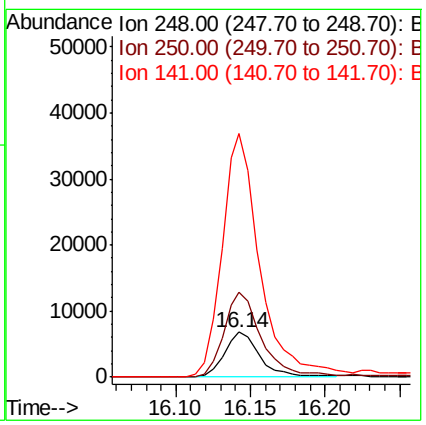


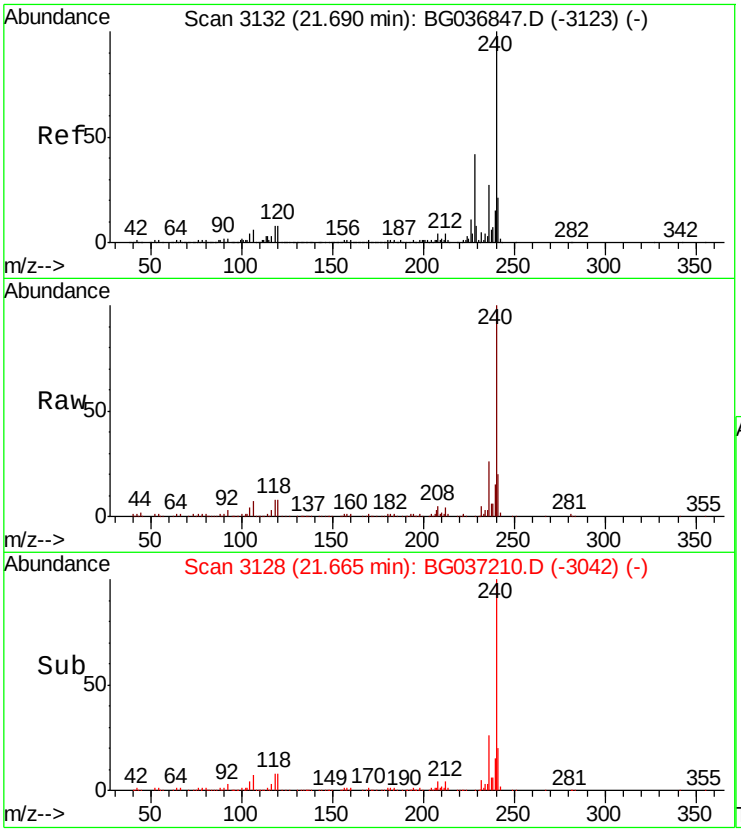


#66
4-Bromophenyl-phenylether
Concen: 3.436 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:248 Resp: 11406

Ion	Ratio	Lower	Upper
248	100		
250	189.0	78.1	117.1#
141	542.5	53.7	80.5#



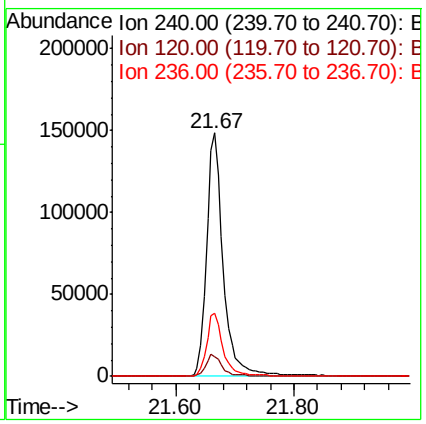


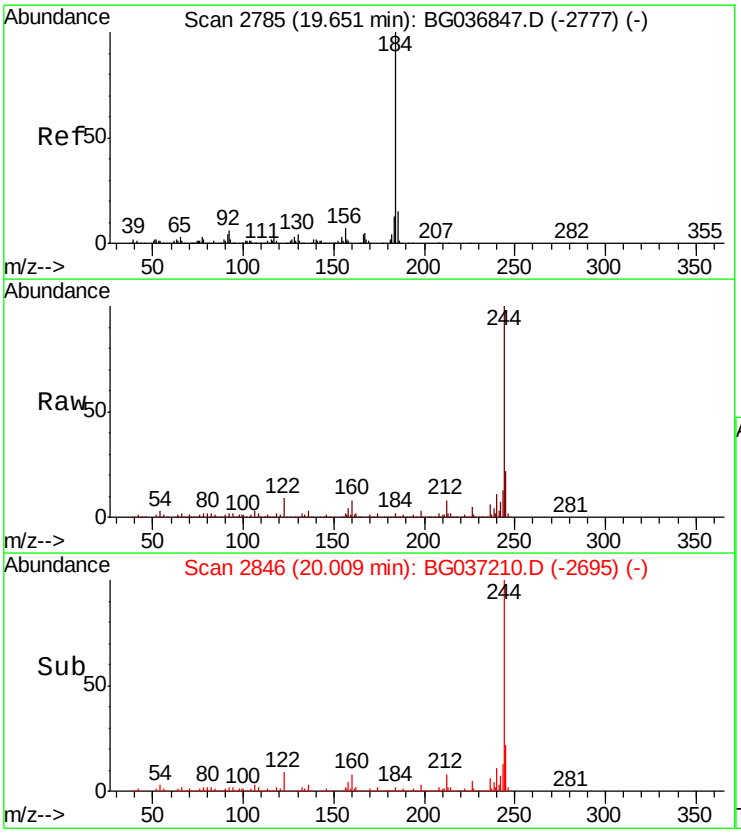
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:240 Resp: 293723

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	26.2	21.2	31.8

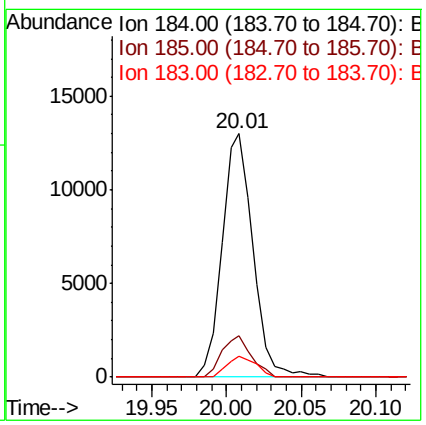


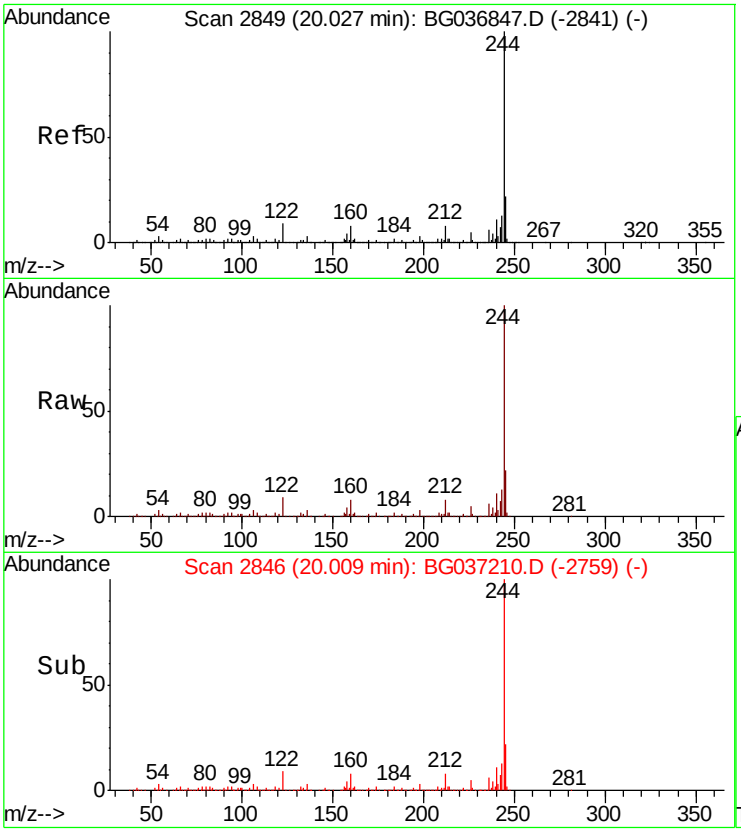


#76
Benzidine
Concen: 2.124 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:184 Resp: 18860

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.6	18.8
183	8.7	10.9	16.3#



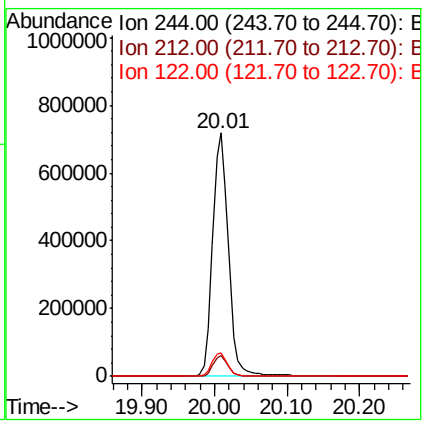


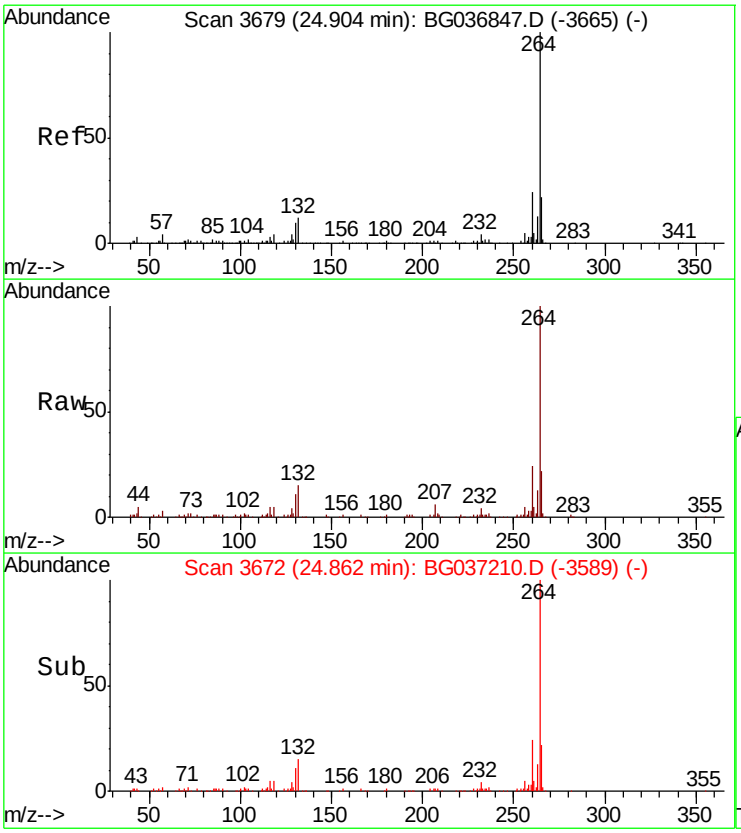
#78
Terphenyl-d14
Concen: 97.616 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tgt Ion:244 Resp: 1090399

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:264 Resp: 282501

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.9	17.4	26.0