Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
Data File : BG036865.D
Acq On : 21 Sep 2018 19:23
Operator : JU/SJ
Sample : J4777-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-0920-18-B

Quant Time: Sep 22 04:29:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43755	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	174776	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	116671	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	311128	20.00	ng		0.00
75) Chrysene-d12	21.68	240	342422	20.00	ng		0.00
86) Perylene-d12	24.90	264	338032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	281097	123.20	ng		0.00
7) Phenol-d6	7.21	99	357211	101.19	ng		0.00
23) Nitrobenzene-d5	9.21	82	289047	88.56	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	198071	141.90	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	656271	83.78	ng		0.00
78) Terphenyl-d14	20.03	244	1270559	97.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	39346	13.399	ng	#	72
31) Naphthalene	10.91	128	20098	2.417	ng		98
50) 2,6-Dinitrotoluene	14.67	165	14944	7.293	ng	#	20
56) 2,4-Dinitrotoluene	14.67	165	14944	5.227	ng	#	18
66) 4-Bromophenyl-phenylether	16.16	248	13677	3.865	ng	#	1
76) Benzidine	20.03	184	22280	2.152	ng	#	94

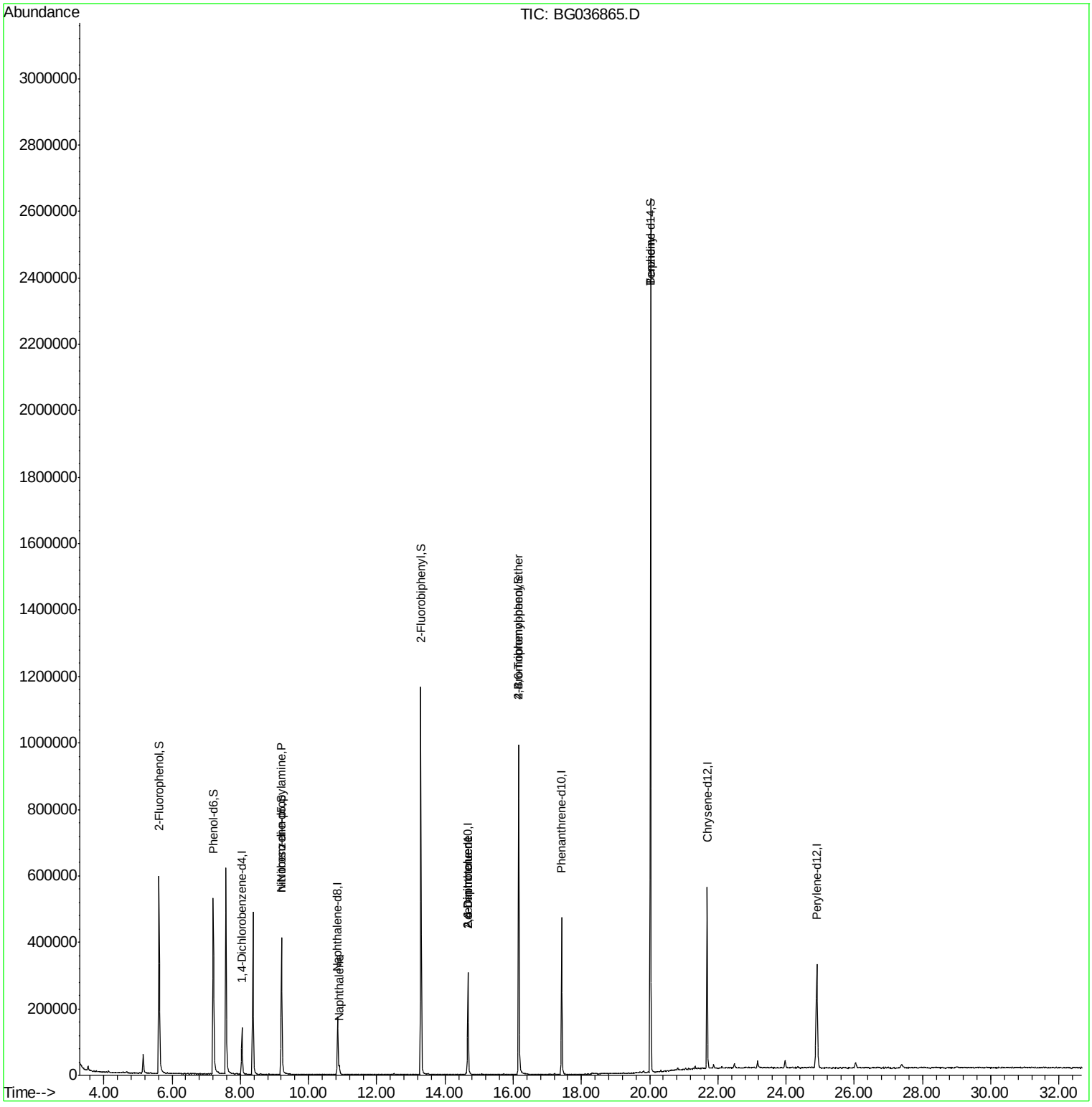
(#) = qualifier out of range (m) = manual integration (+) = signals summed

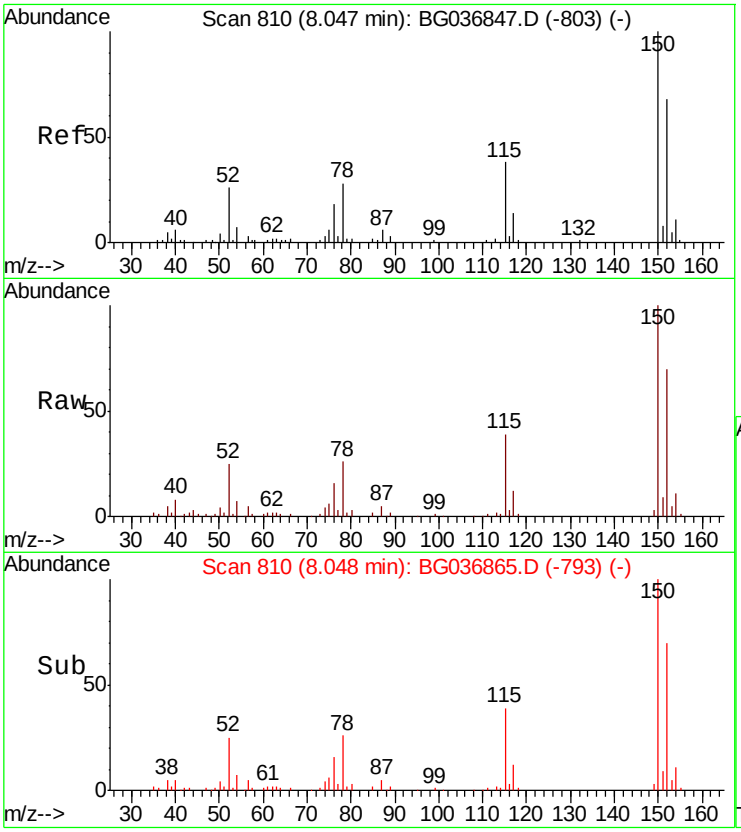
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
Data File : BG036865.D
Acq On : 21 Sep 2018 19:23
Operator : JU/SJ
Sample : J4777-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-0920-18-B

Quant Time: Sep 22 04:29:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration



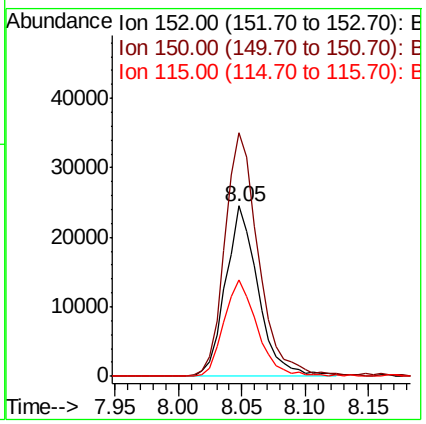


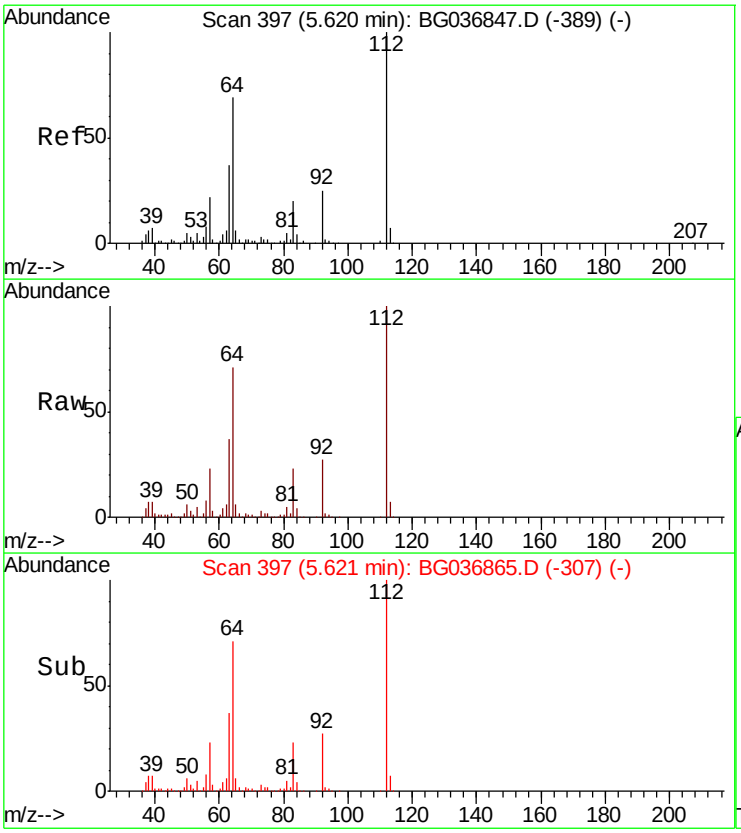
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:152 Resp: 43755

Ion	Ratio	Lower	Upper
152	100		
150	142.9	119.5	179.3
115	56.3	44.5	66.7

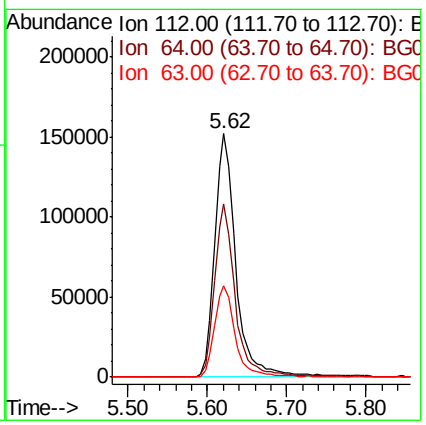


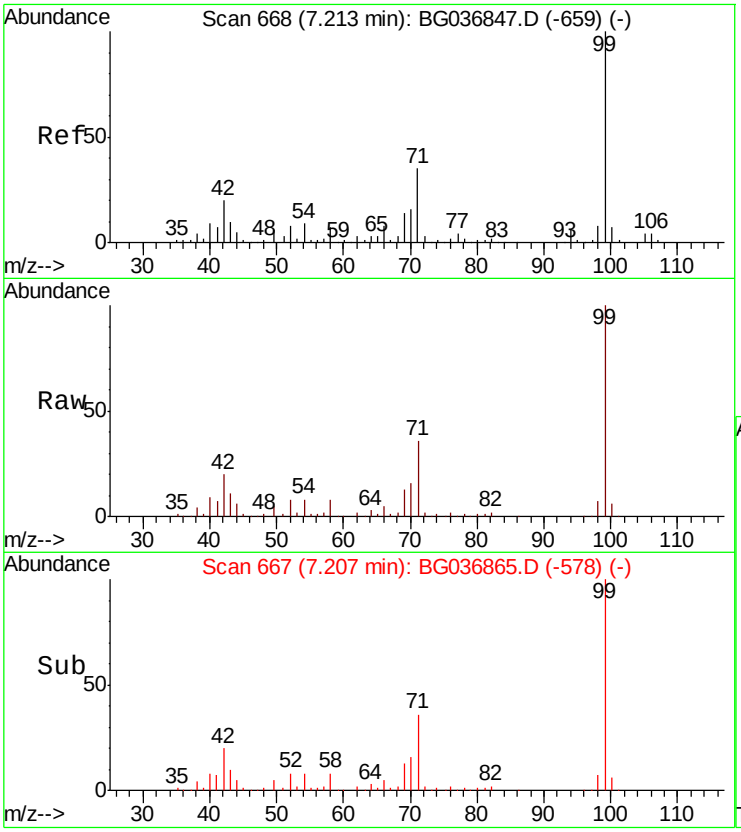


#5
2-Fluorophenol
Concen: 123.205 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:112 Resp: 281097

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	37.4	30.8	46.2



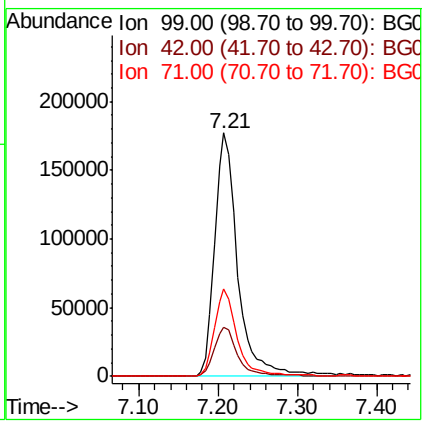


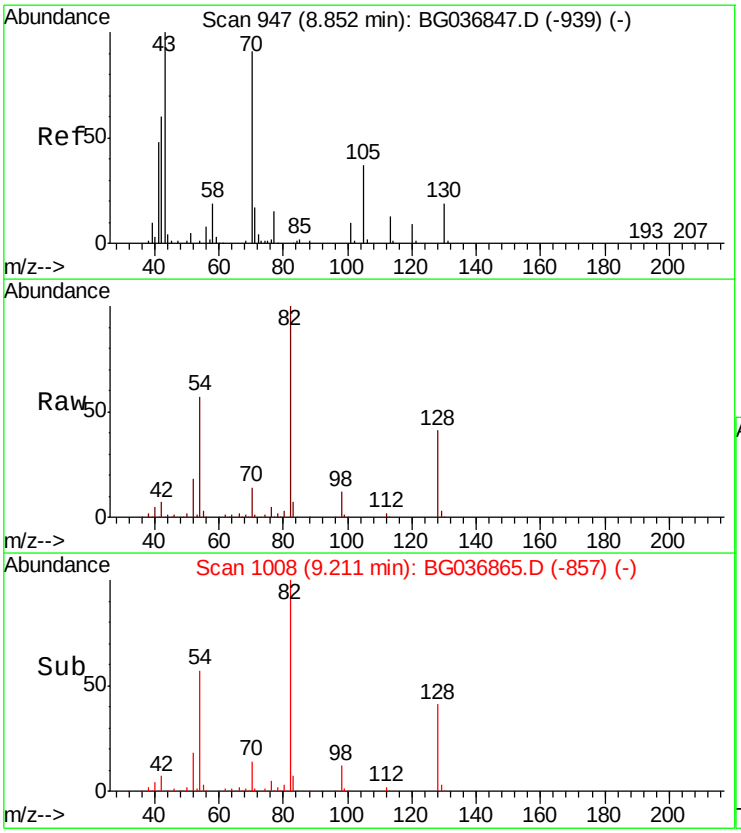
#7
Phenol-d6
Concen: 101.195 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion: 99 Resp: 357211

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	35.8	29.4	44.2

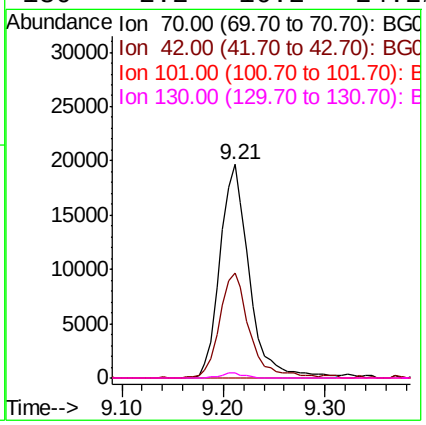


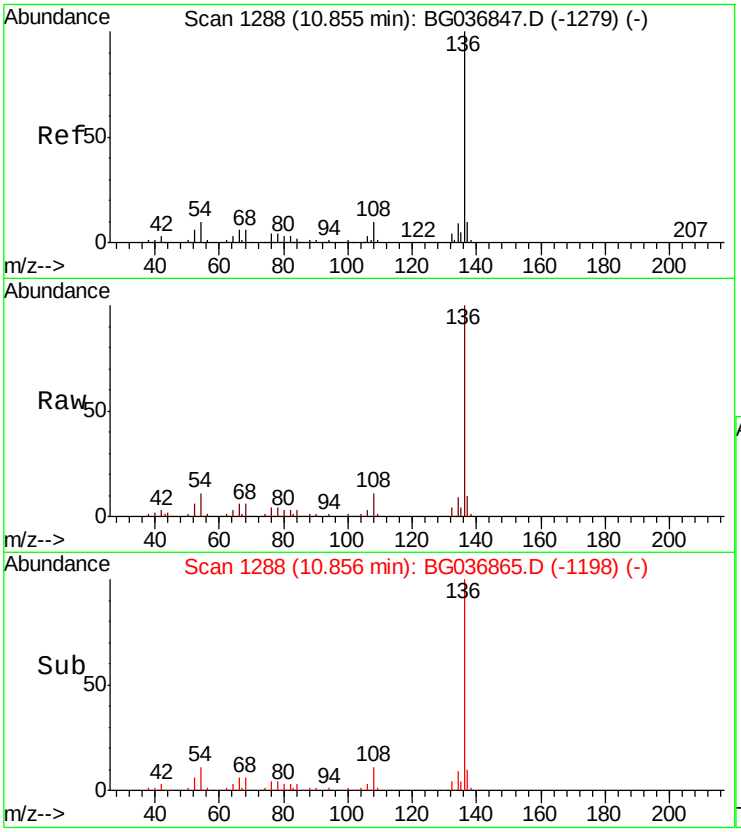


#19
n-Nitroso-di-n-propylamine
Concen: 13.399 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion: 70 Resp: 39346

Ion	Ratio	Lower	Upper
70	100		
42	49.4	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	16.2	24.2#



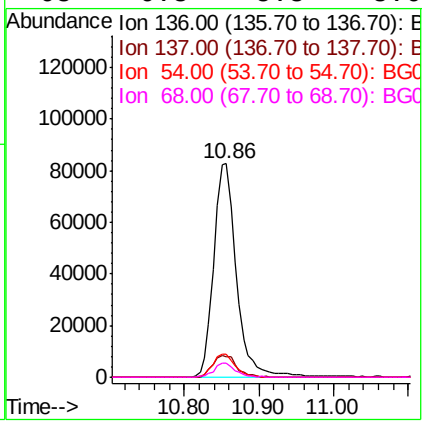


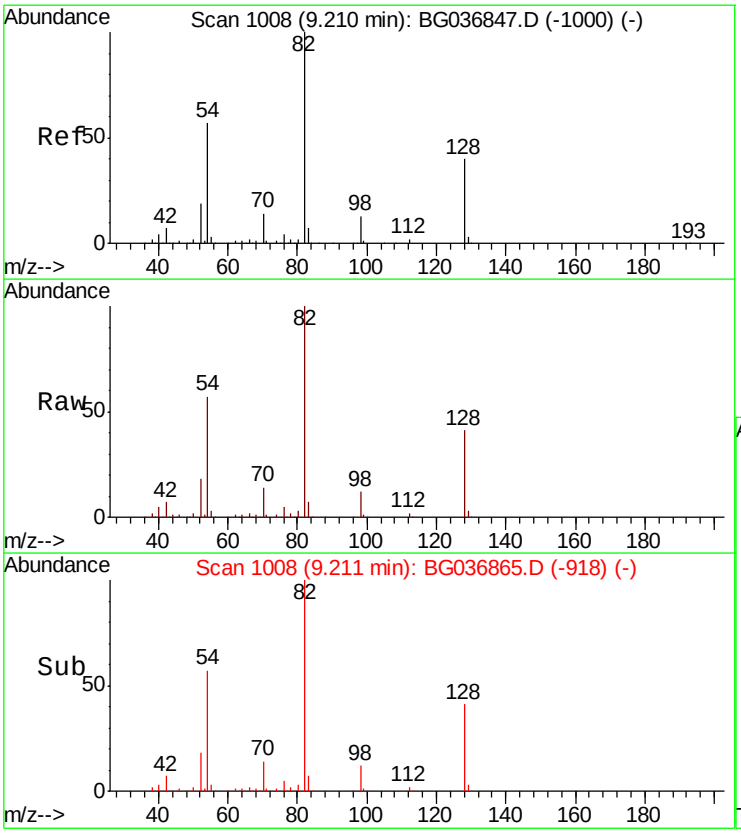
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:136 Resp: 174776

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	10.6	9.2	13.8
68	6.3	5.8	8.6

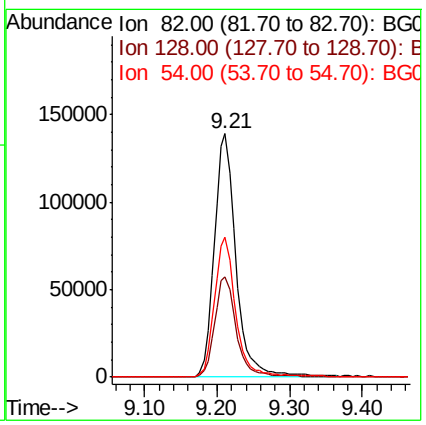


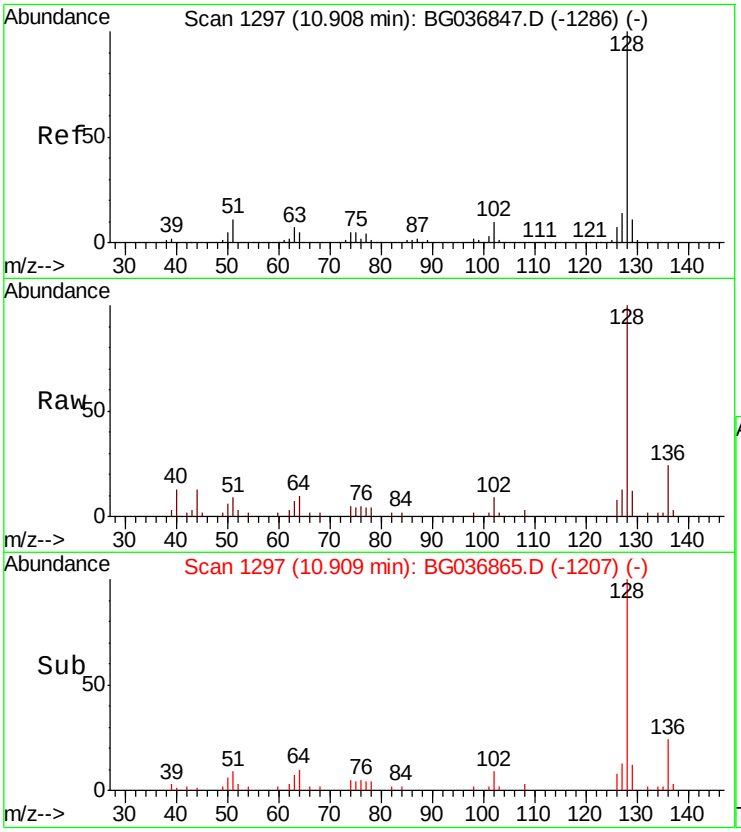


#23
Nitrobenzene-d5
Concen: 88.563 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion: 82 Resp: 289047

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	57.5	45.1	67.7



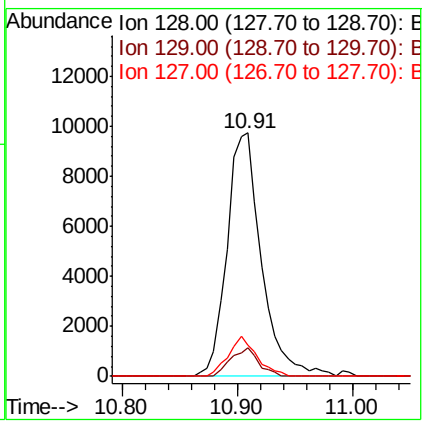


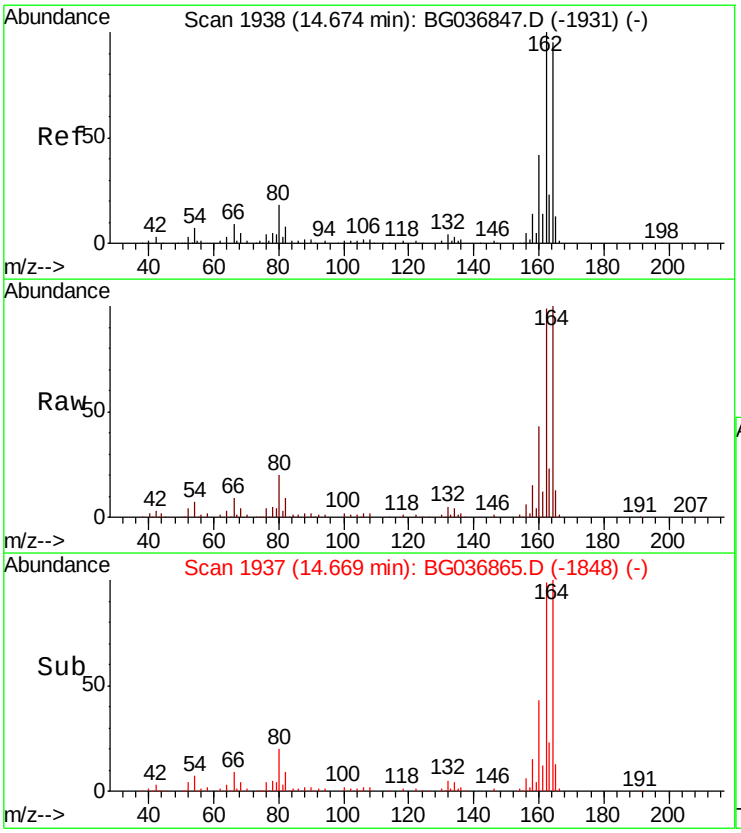
#31
Naphthalene
Concen: 2.417 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:128 Resp: 20098

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	12.6	11.0	16.4

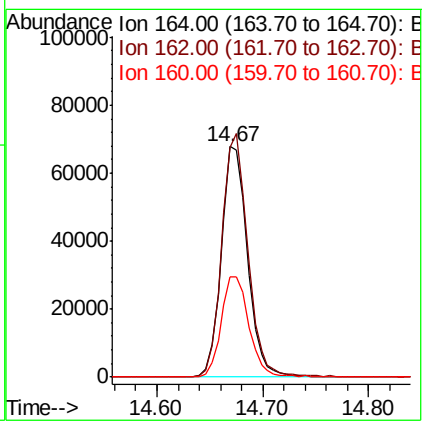


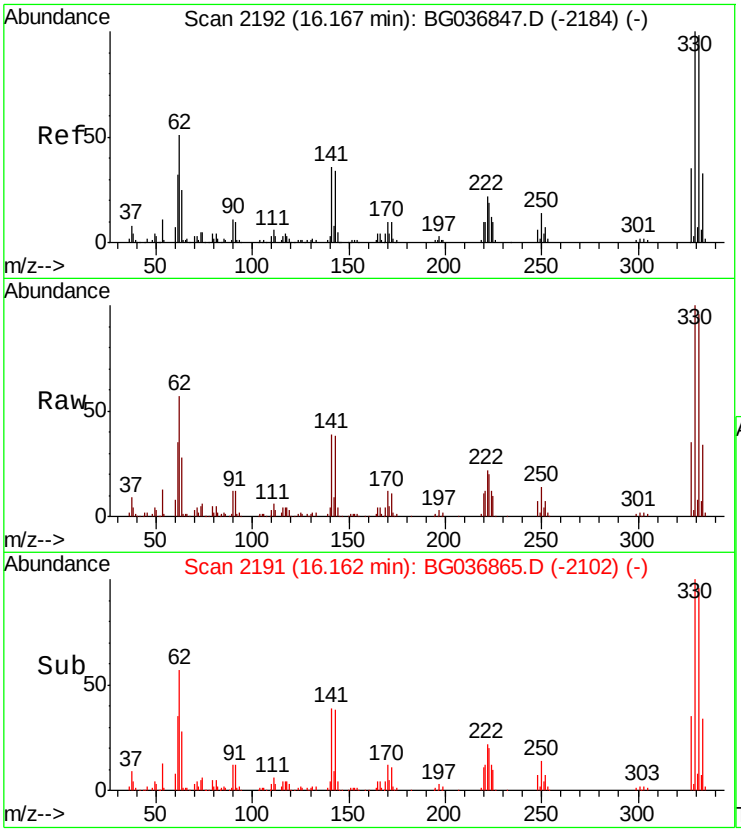


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:164 Resp: 116671

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.7	121.1
160	43.3	35.3	52.9



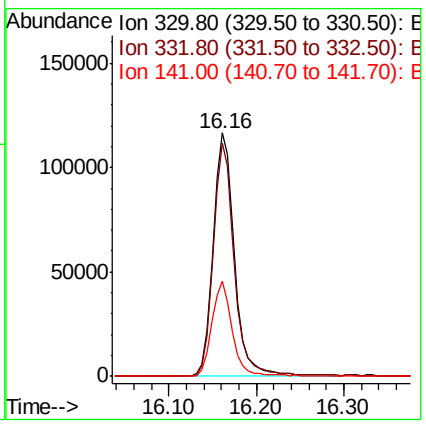


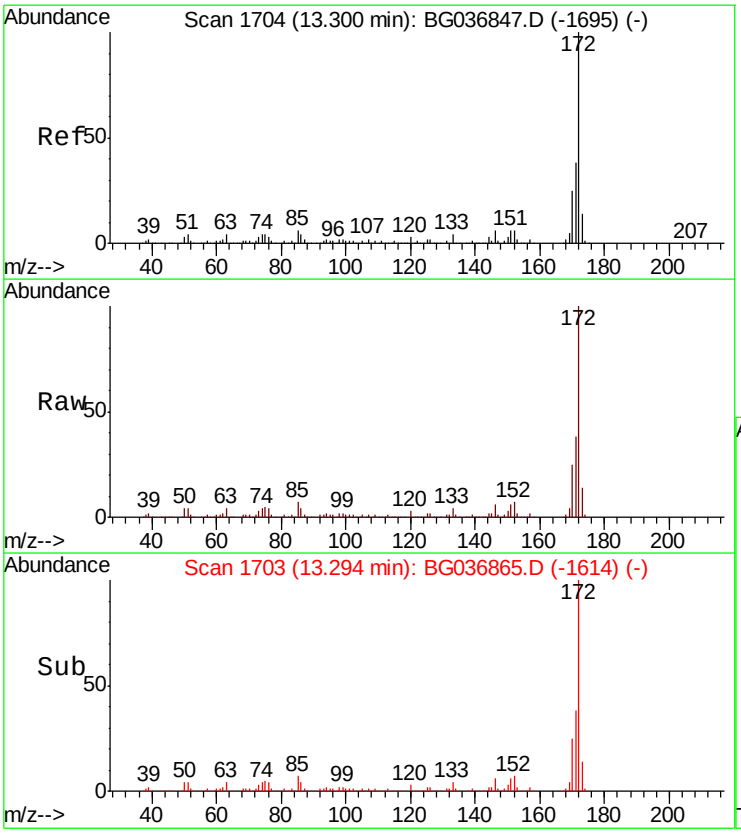
#41
2,4,6-Tribromophenol
Concen: 141.895 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:330 Resp: 198071

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.2
141	37.2	30.7	46.1

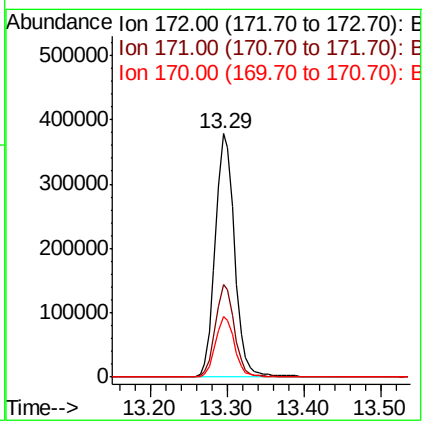


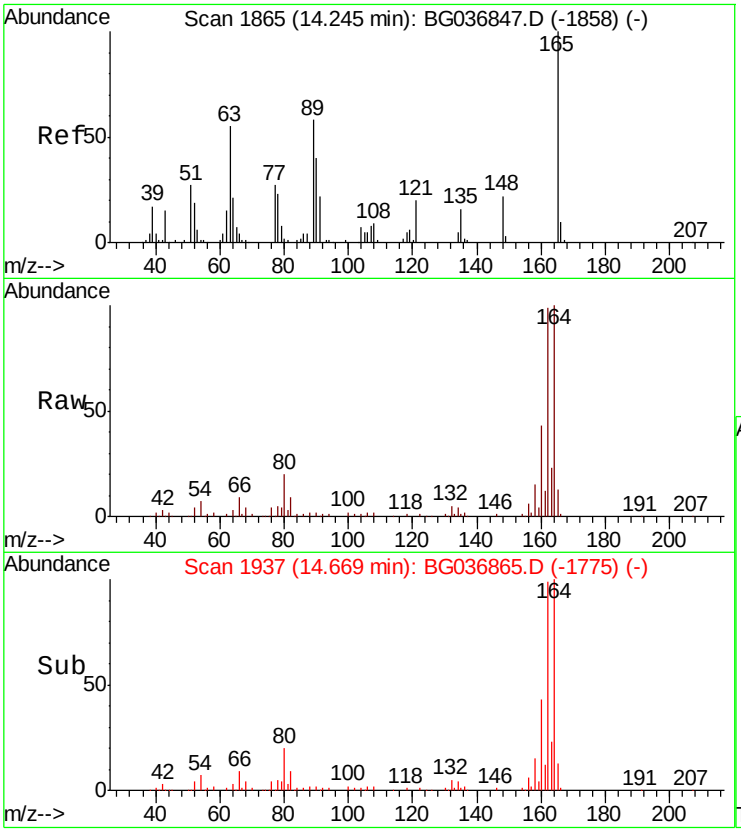


#44
2-Fluorobiphenyl
Concen: 83.778 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:172 Resp: 656271

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.0	21.0	31.6



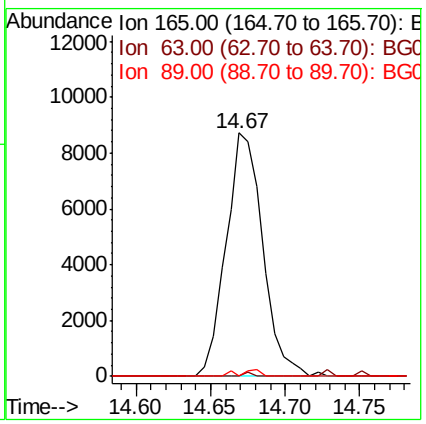


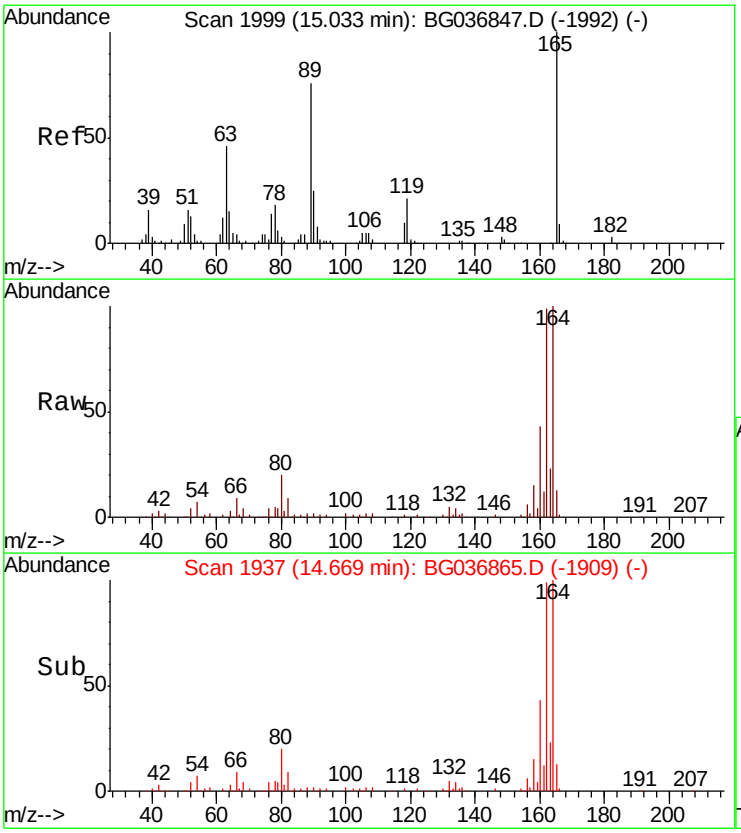
#50
2,6-Dinitrotoluene
Concen: 7.293 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:165 Resp: 14944

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

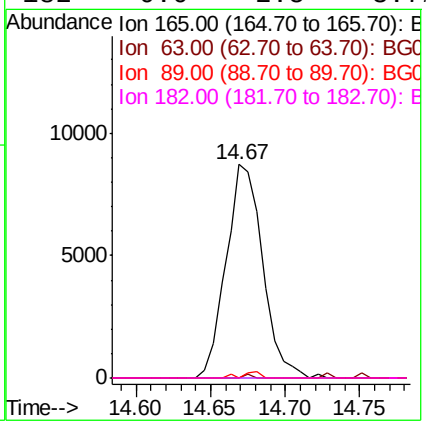


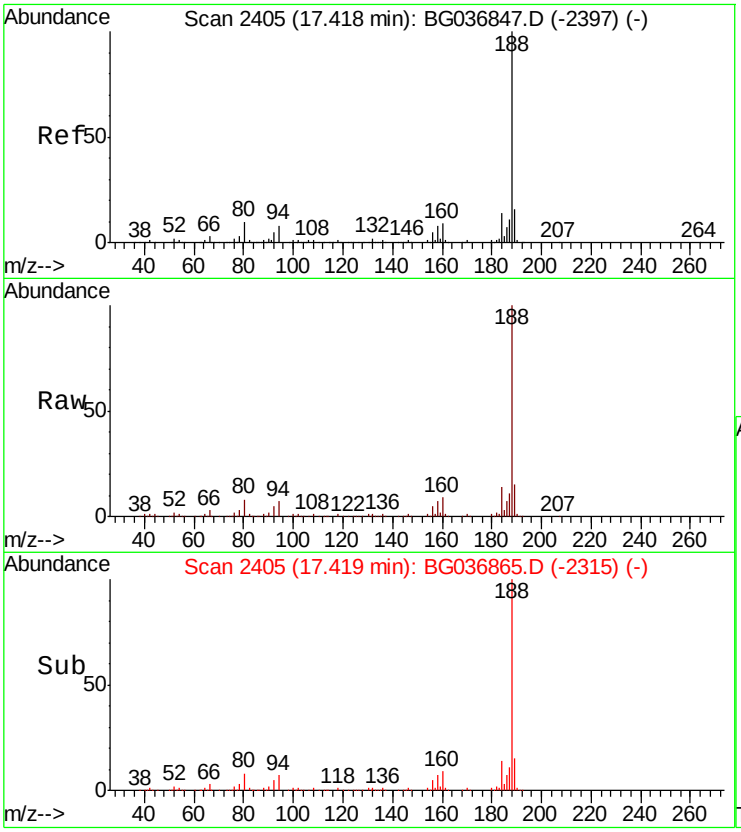


#56
2,4-Dinitrotoluene
Concen: 5.227 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:165 Resp: 14944

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#



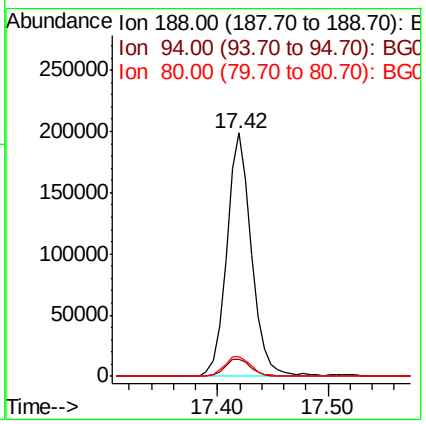


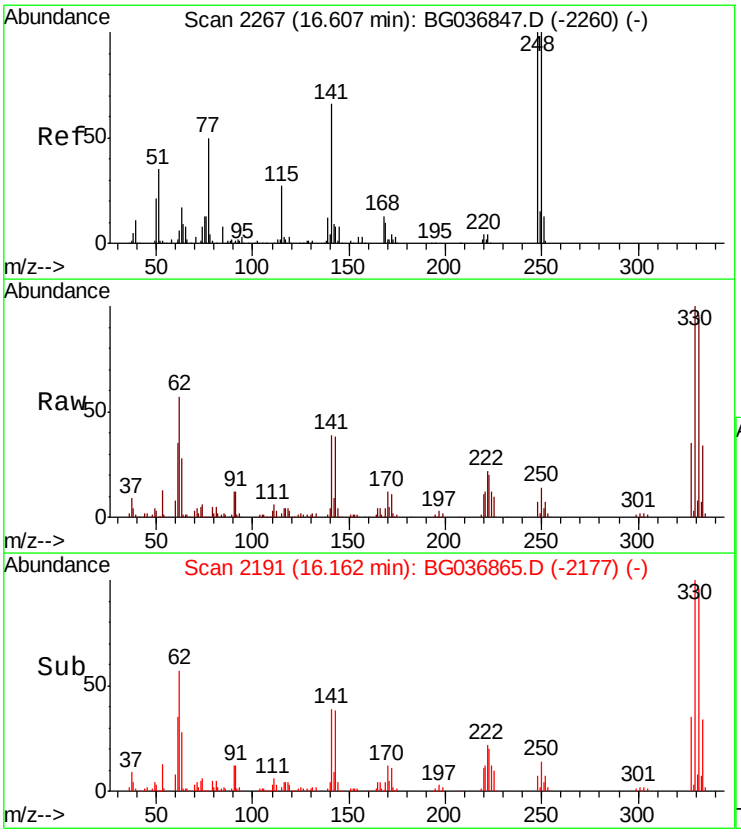
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:188 Resp: 311128

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	8.1	8.1	12.1#

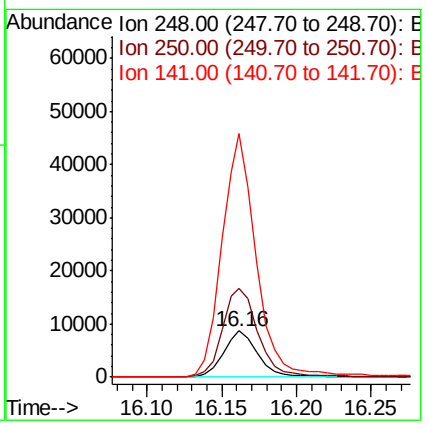


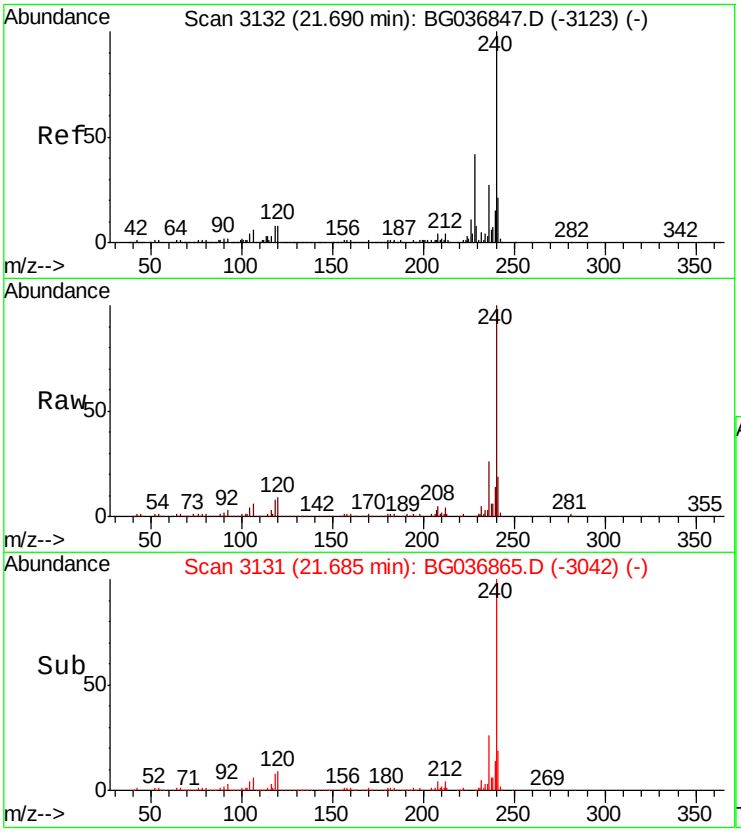


#66
4-Bromophenyl-phenylether
Concen: 3.865 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:248 Resp: 13677

Ion	Ratio	Lower	Upper
248	100		
250	192.1	78.1	117.1#
141	528.7	53.7	80.5#



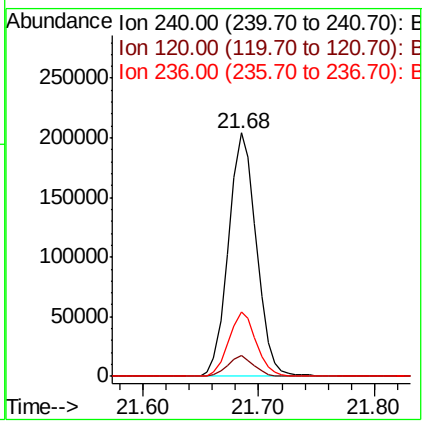


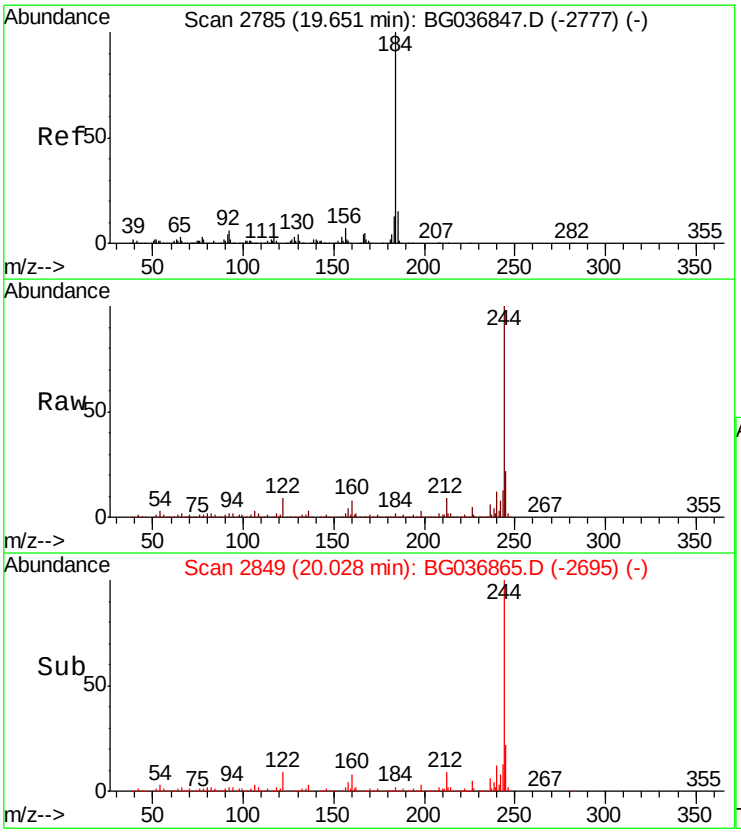
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:240 Resp: 342422

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.3	21.2	31.8

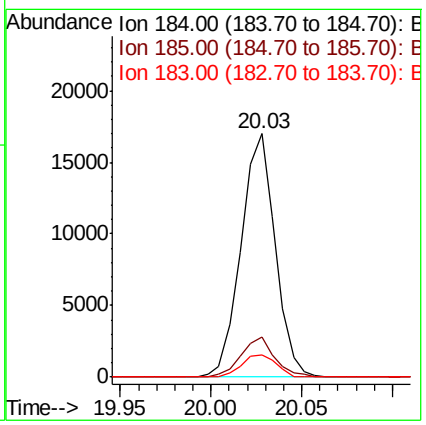


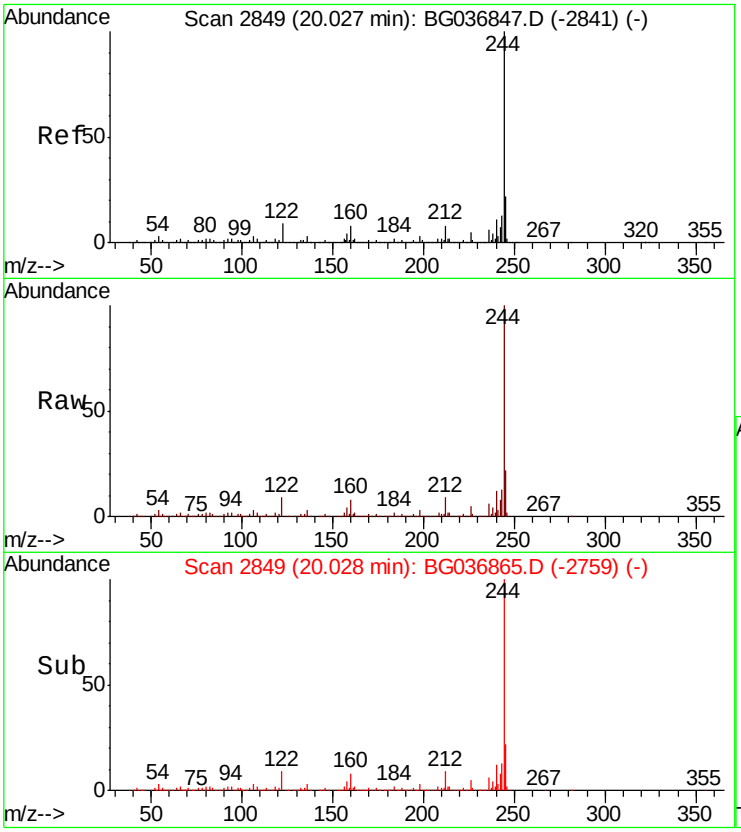


#76
Benzidine
Concen: 2.152 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:184 Resp: 22280

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	9.3	10.9	16.3#



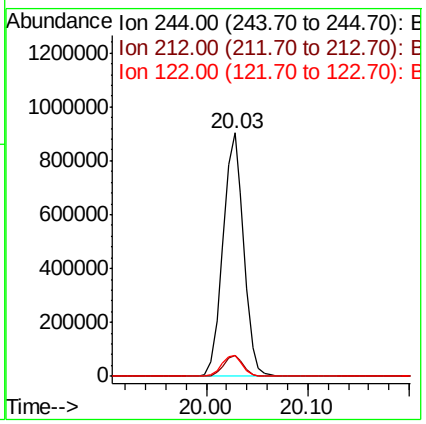


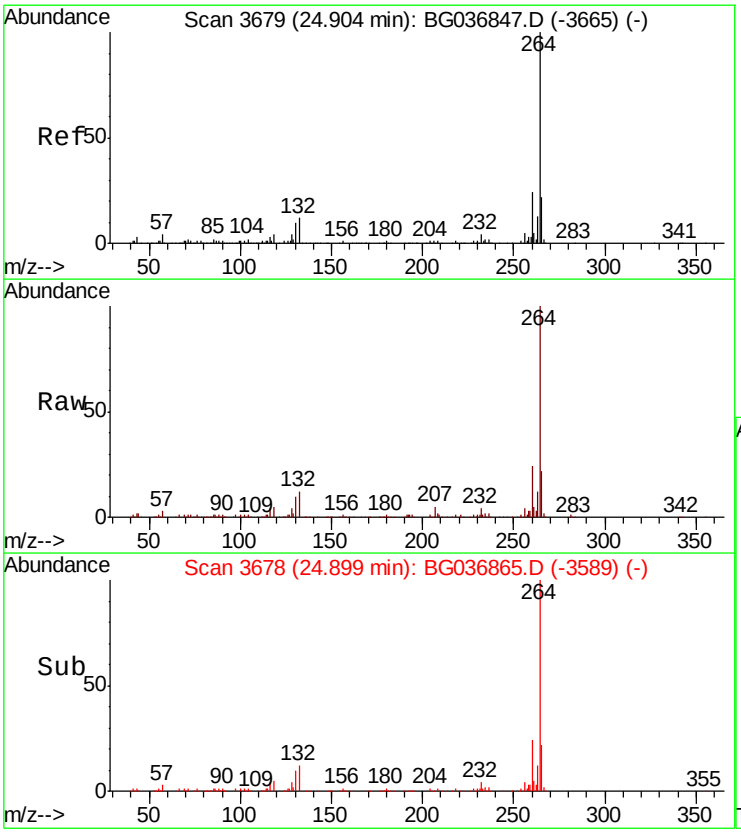
#78
Terphenyl-d14
Concen: 97.567 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Instrument :
BNA_G
ClientSampleId :
PL-02-0920-18-B

Tgt Ion:244 Resp: 1270559

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036865.D
Acq: 21 Sep 2018 19:23

Tgt Ion:264 Resp: 338032

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.3	17.4	26.0