Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
Data File : BG036933.D
Acq On : 25 Sep 2018 00:59
Operator : JU/SJ
Sample : PB113130TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113130TB

Quant Time: Sep 25 06:11:08 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	8.05	152	38253	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	164456	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114005	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	305133	20.00	ng	0.00
75) Chrysene-d12	21.68	240	328446	20.00	ng	-0.01
86) Perylene-d12	24.88	264	319926	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	309814	155.32	ng	0.00
7) Phenol-d6	7.20	99	434723	140.87	ng	-0.01
23) Nitrobenzene-d5	9.20	82	280840	91.45	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	143665	105.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	672374	87.84	ng	0.00
78) Terphenyl-d14	20.02	244	1244534	99.64	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	36206	14.103	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	13439	6.712	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	13439	4.810	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	9418	2.714	ng	# 1
76) Benzidine	20.02	184	20561	2.071	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
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Acq On : 25 Sep 2018 00:59
Operator : JU/SJ
Sample : PB113130TB
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Quant Time: Sep 25 06:11:08 2018
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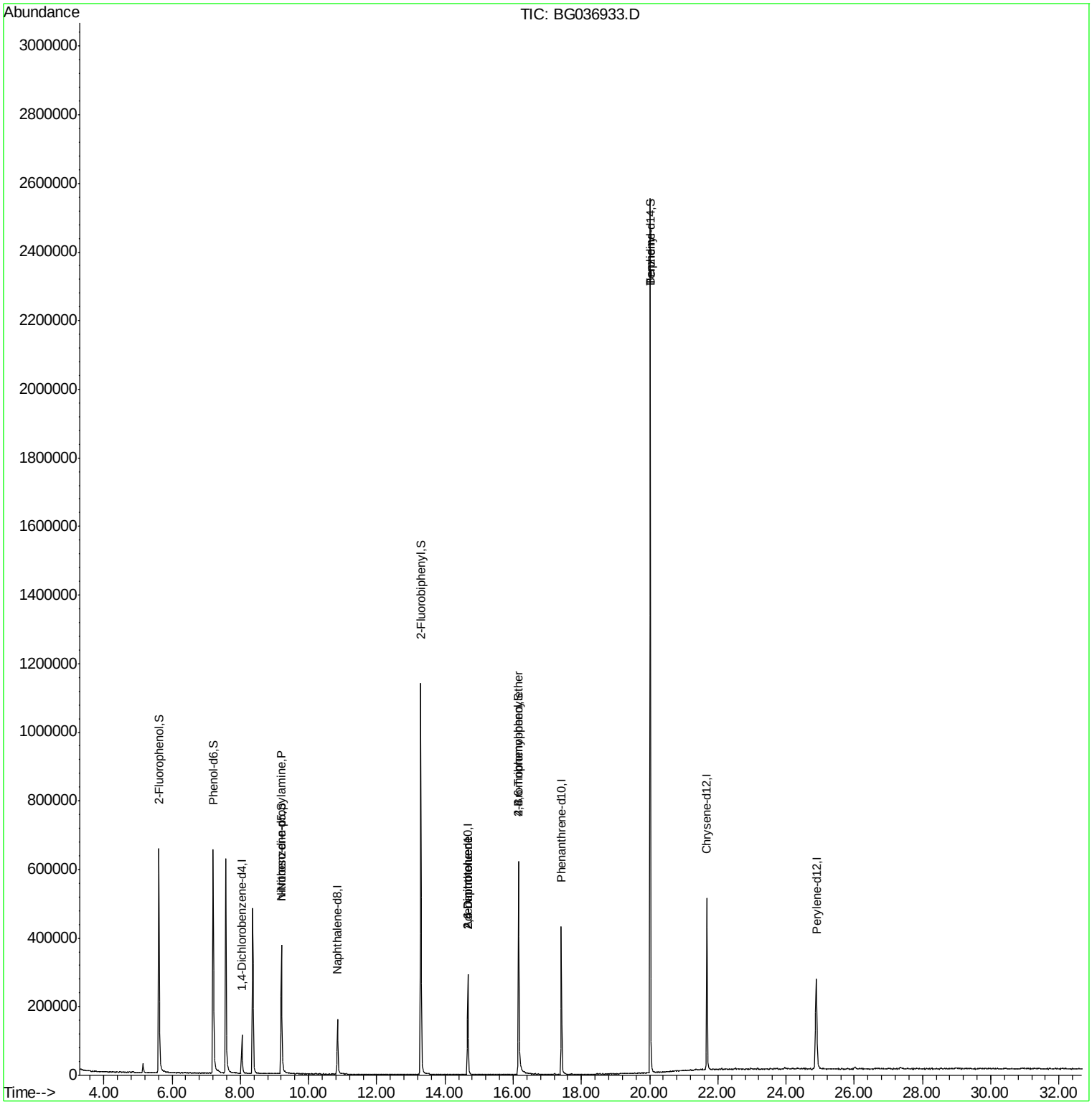
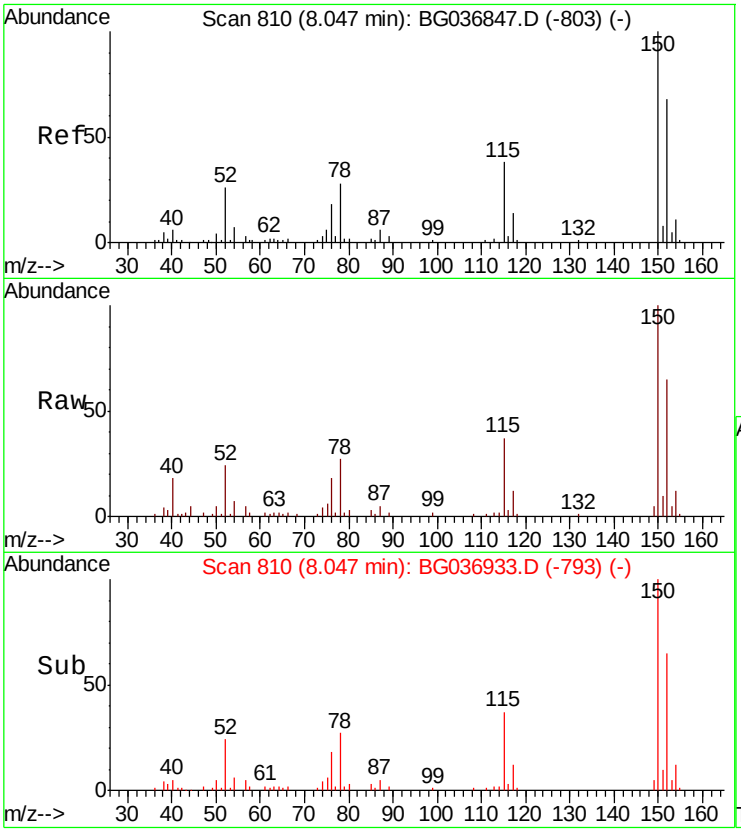
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



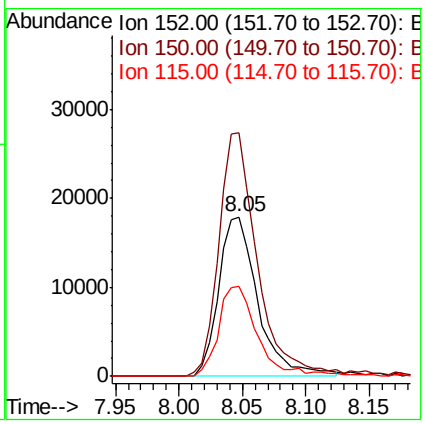


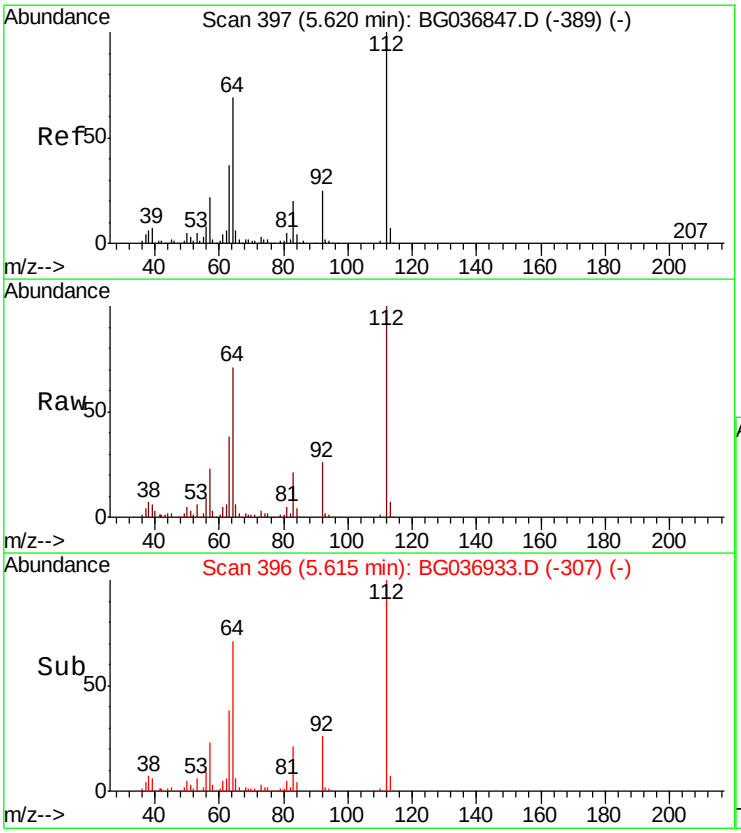
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:152 Resp: 38253

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	56.7	44.5	66.7

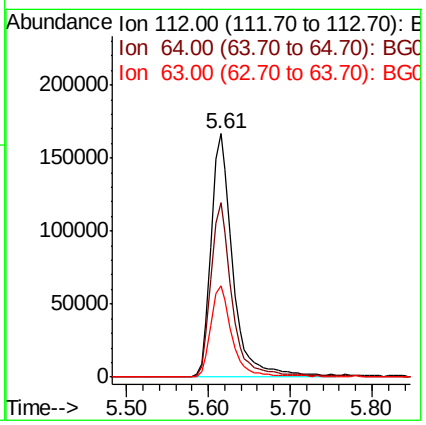


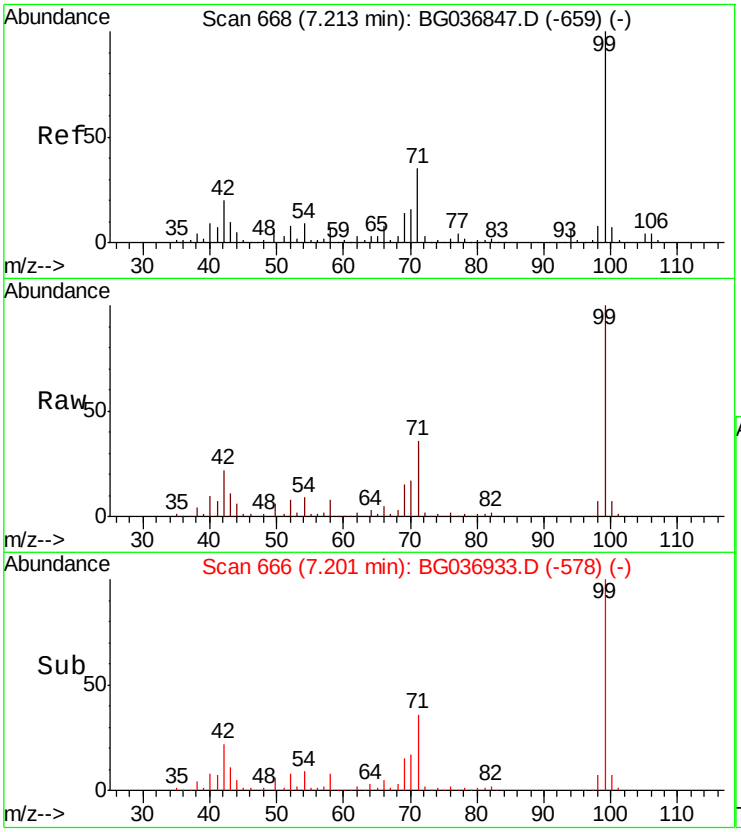


#5
2-Fluorophenol
Concen: 155.323 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion:112 Resp: 309814

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.2	85.8
63	37.6	30.8	46.2



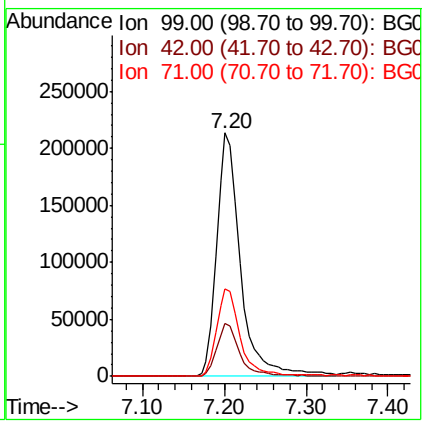


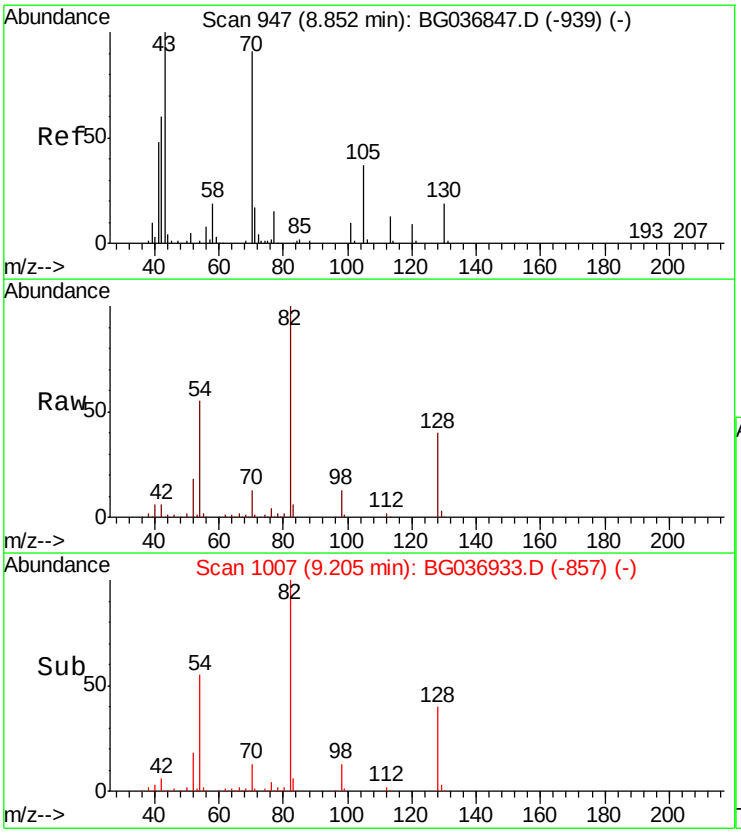
#7
Phenol-d6
Concen: 140.867 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion: 99 Resp: 434723

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.5	24.7
71	36.2	29.4	44.2

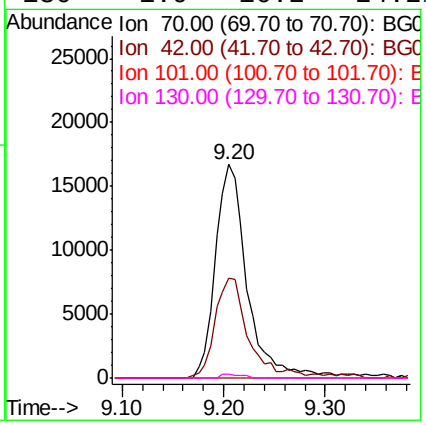


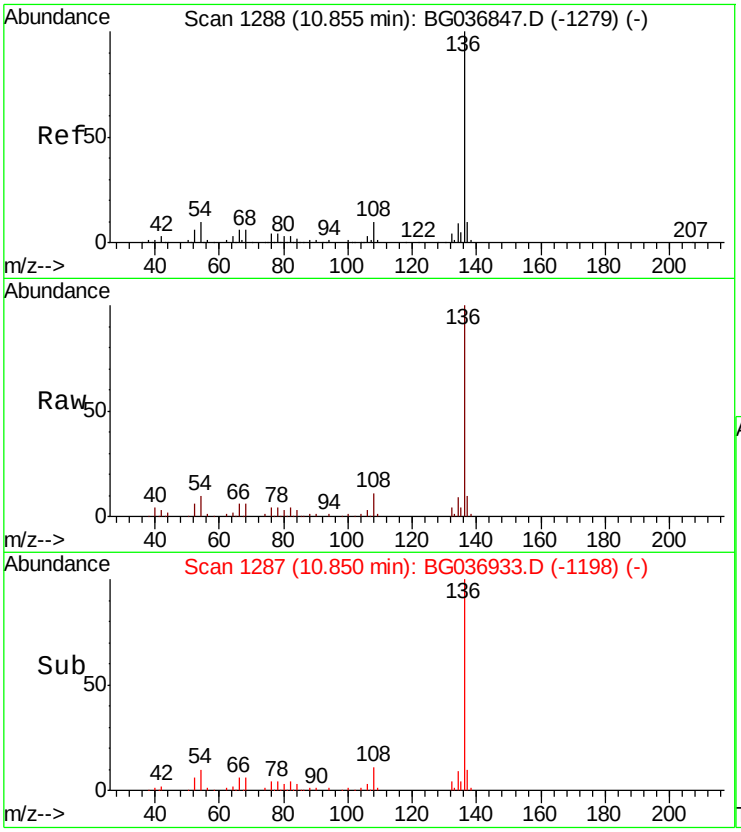


#19
n-Nitroso-di-n-propylamine
Concen: 14.103 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion: 70 Resp: 36206

Ion	Ratio	Lower	Upper
70	100		
42	46.5	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



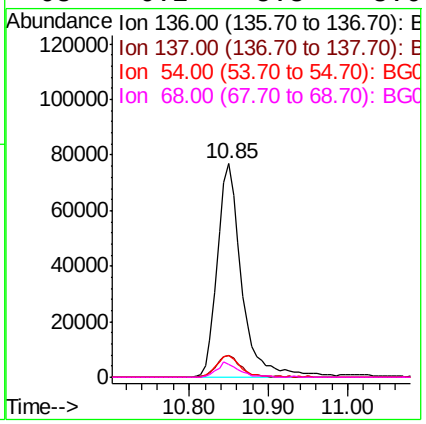


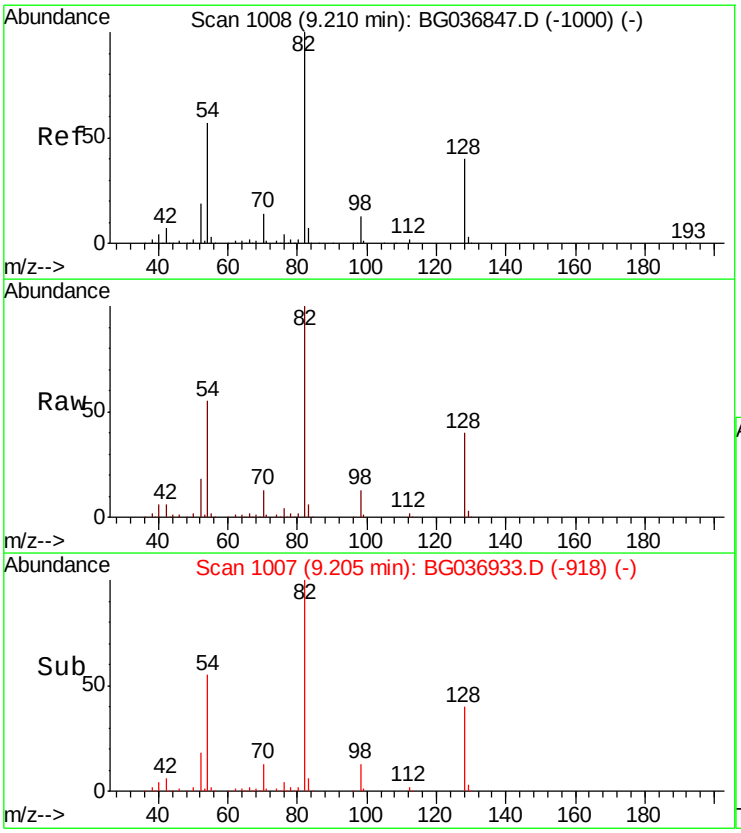
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:136 Resp: 164456

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	10.2	9.2	13.8
68	6.2	5.8	8.6

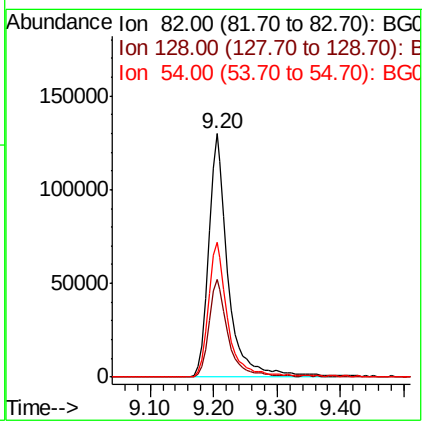


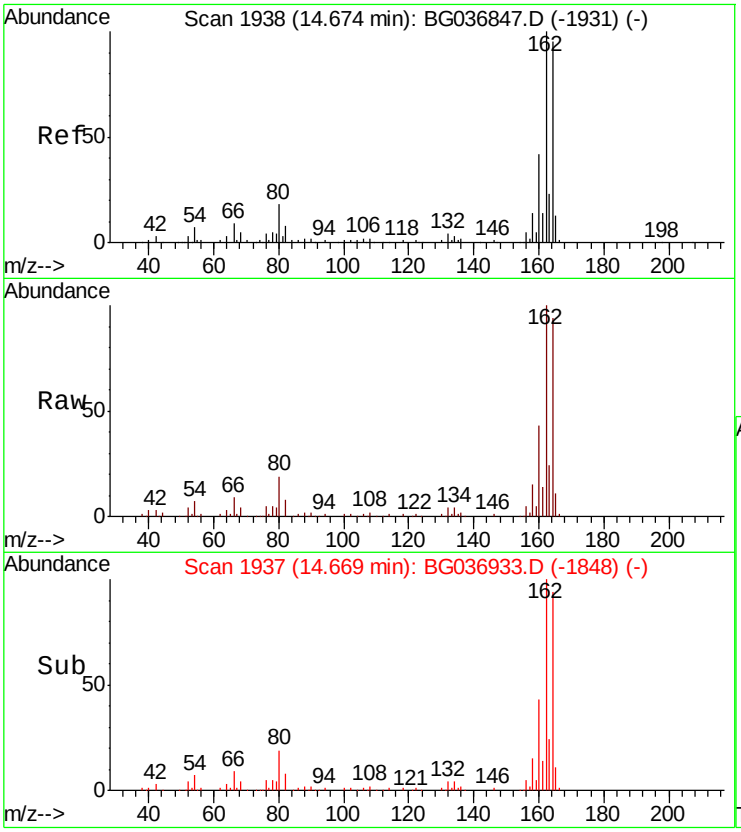


#23
Nitrobenzene-d5
Concen: 91.449 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion: 82 Resp: 280840

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	55.1	45.1	67.7



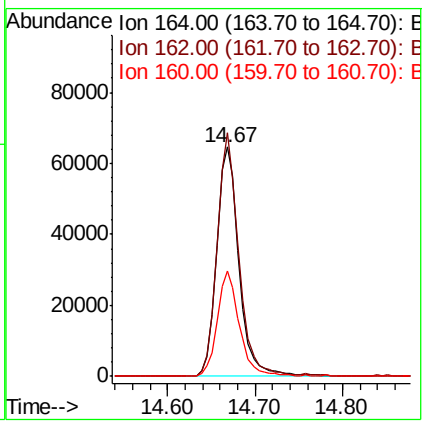


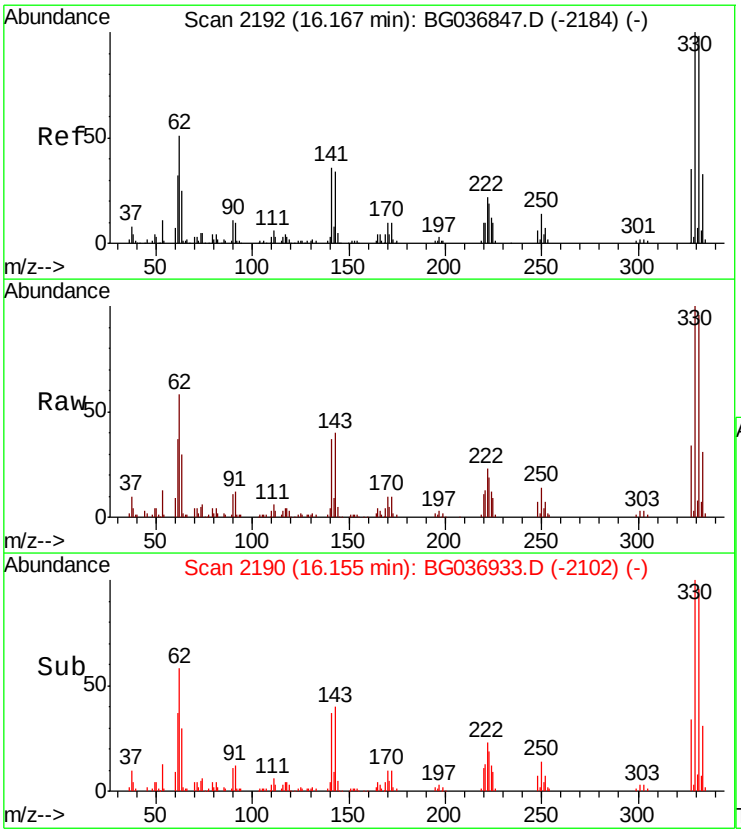
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:164 Resp: 114005

Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.7	121.1
160	46.1	35.3	52.9

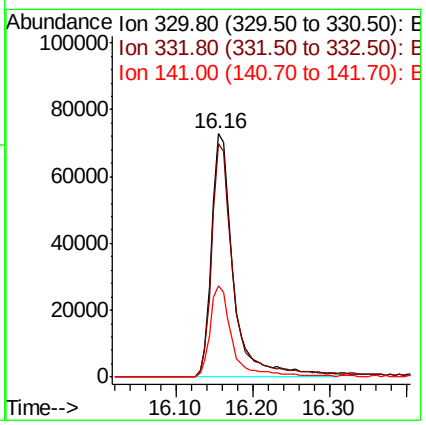


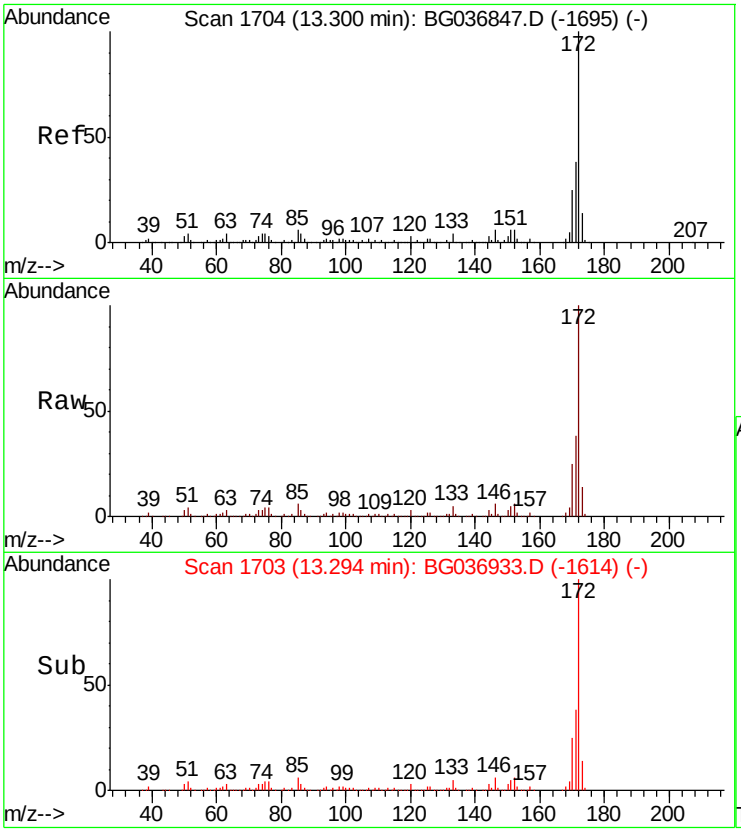


#41
2,4,6-Tribromophenol
Concen: 105.326 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion:330 Resp: 143665

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	37.7	30.7	46.1



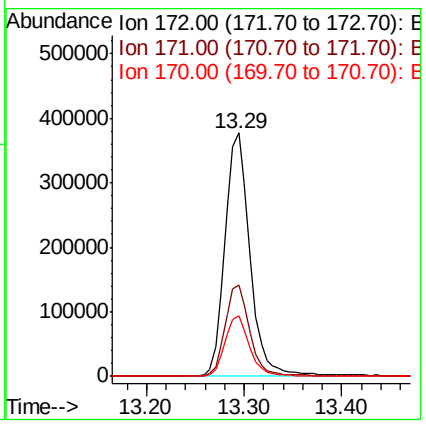


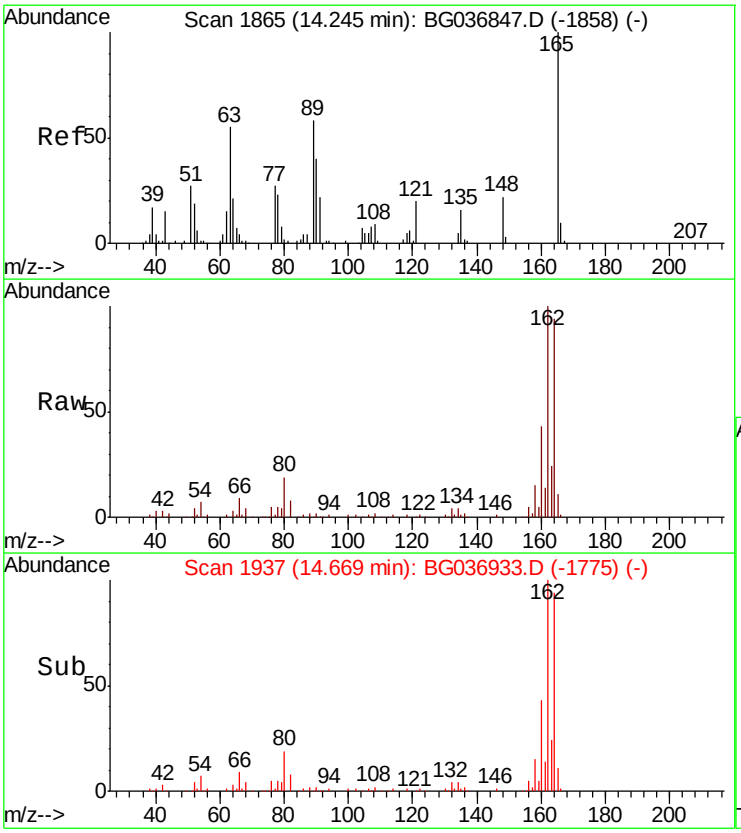
#44
2-Fluorobiphenyl
Concen: 87.841 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:172 Resp: 672374

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.8	21.0	31.6

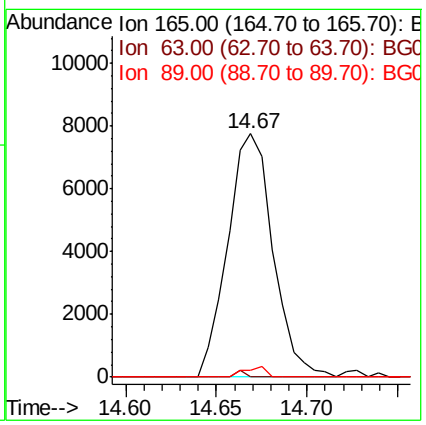


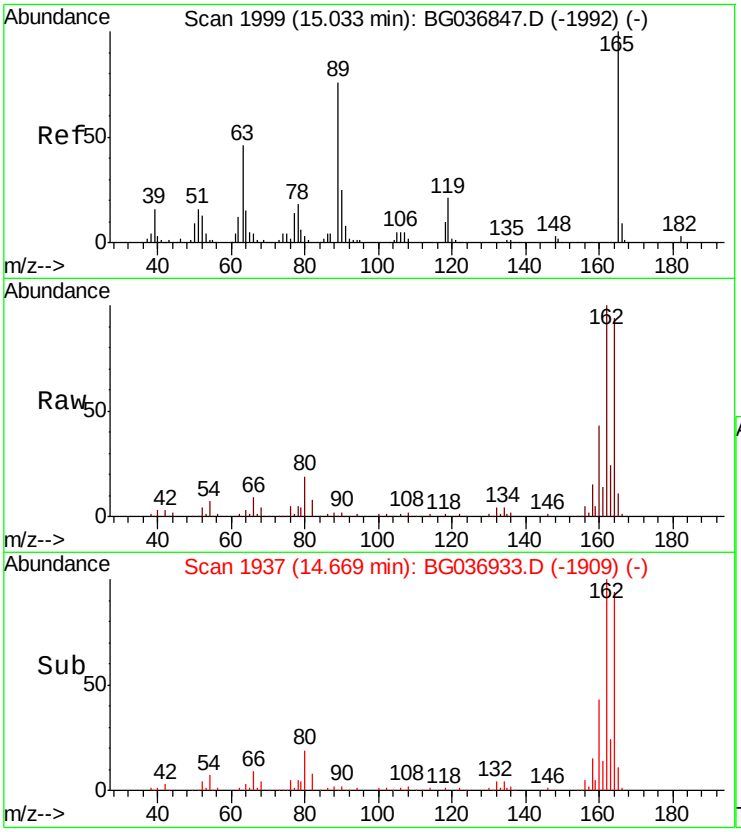


#50
2,6-Dinitrotoluene
Concen: 6.712 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion:165 Resp: 13439

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	3.0	47.8	71.6#



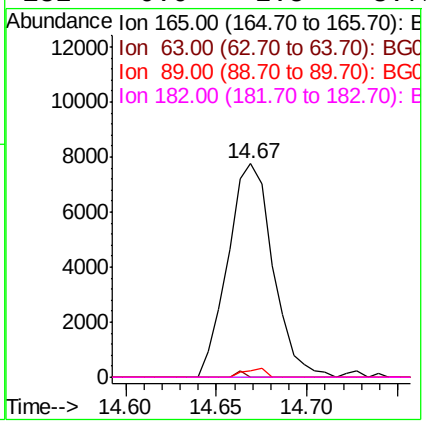


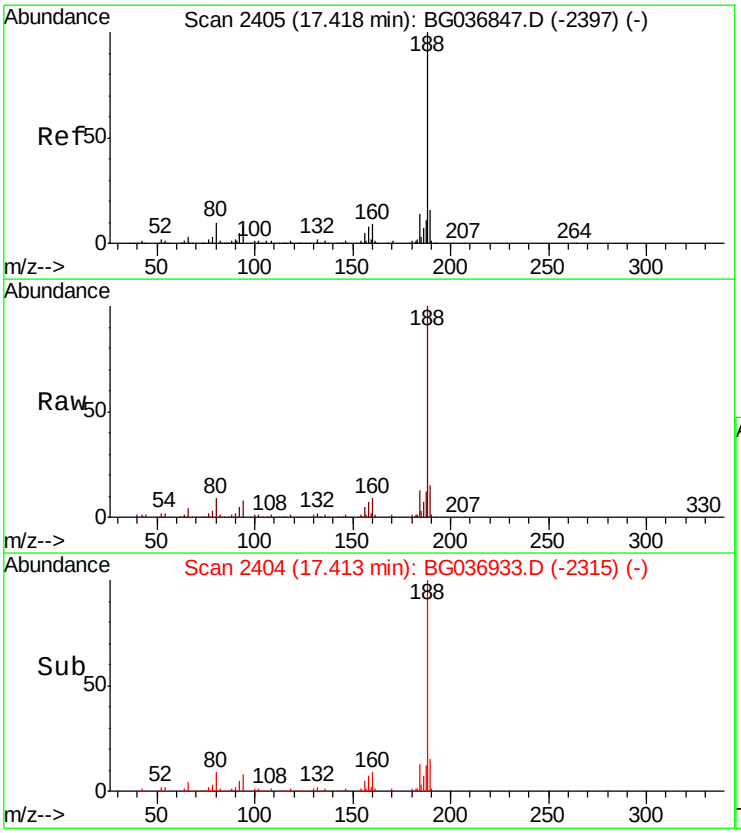
#56
2,4-Dinitrotoluene
Concen: 4.810 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:165 Resp: 13439

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	3.0	63.7	95.5#
182	0.0	2.5	3.7#

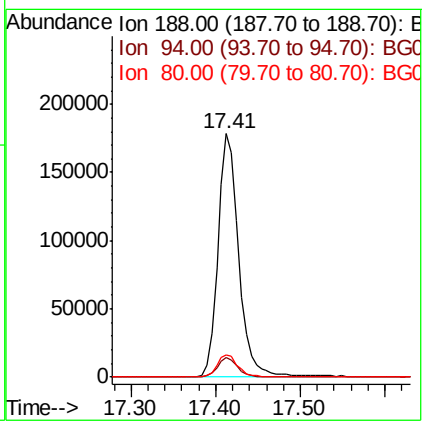


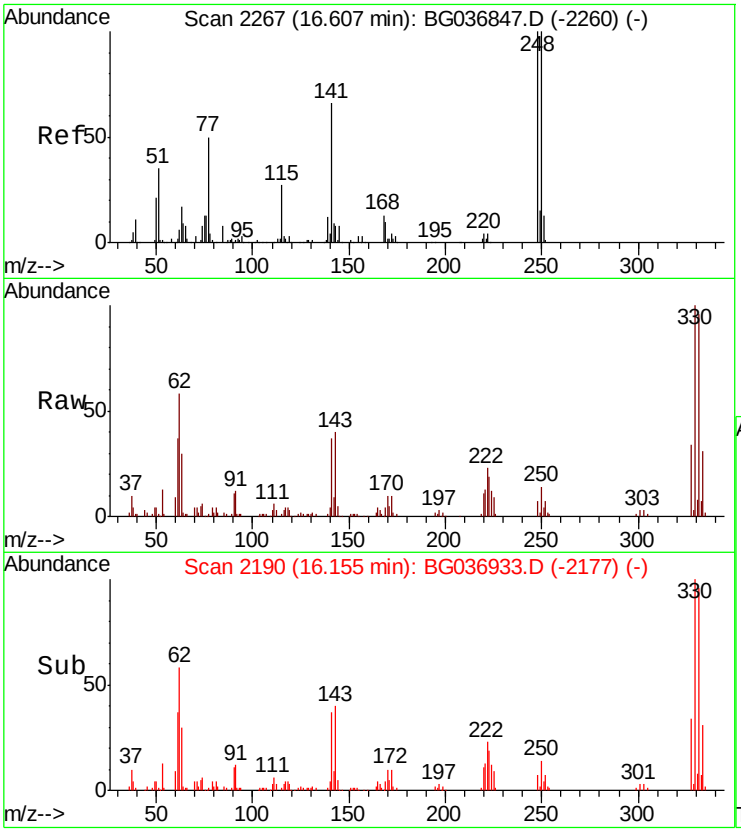


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion:188 Resp: 305133

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.2	8.1	12.1



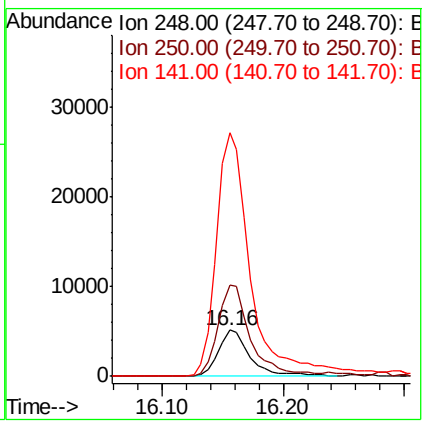


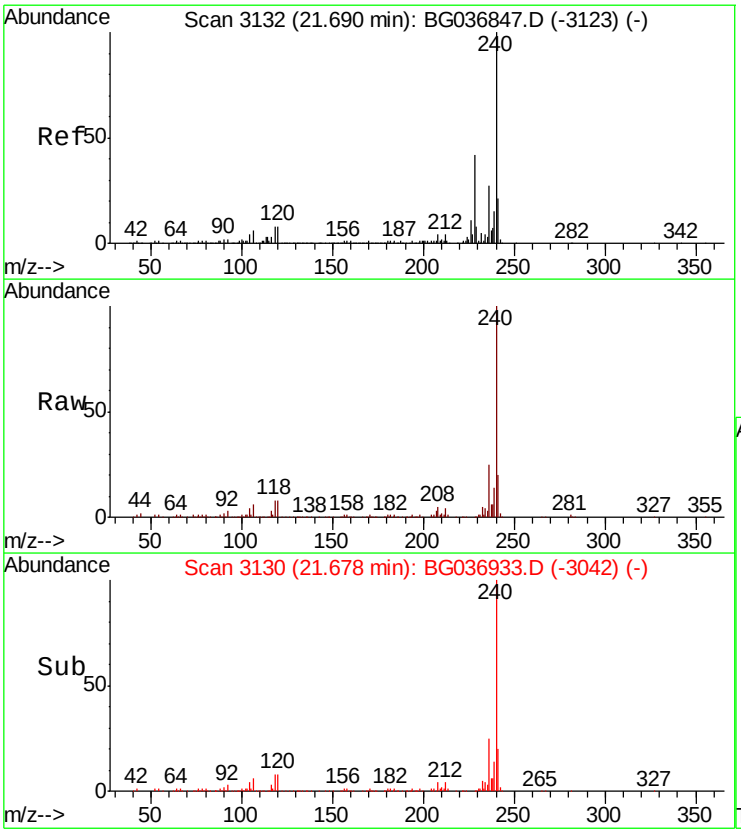
#66
4-Bromophenyl-phenylether
Concen: 2.714 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:248 Resp: 9418

Ion	Ratio	Lower	Upper
248	100		
250	199.2	78.1	117.1#
141	527.6	53.7	80.5#

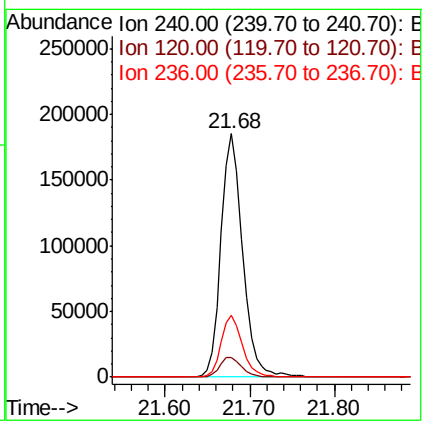


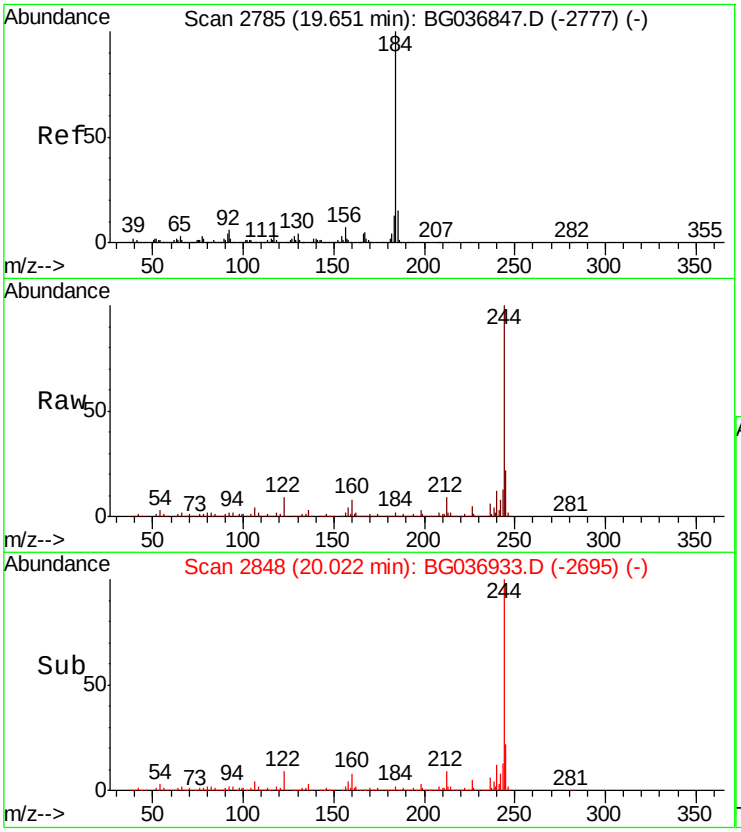


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion:240 Resp: 328446

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	25.4	21.2	31.8



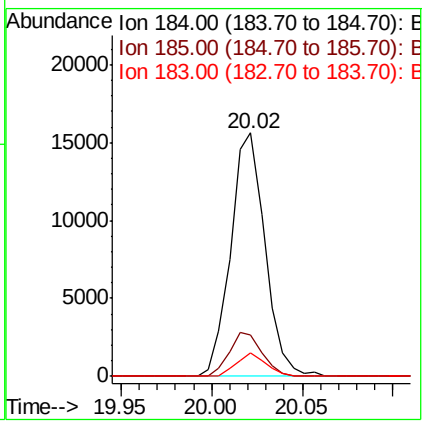


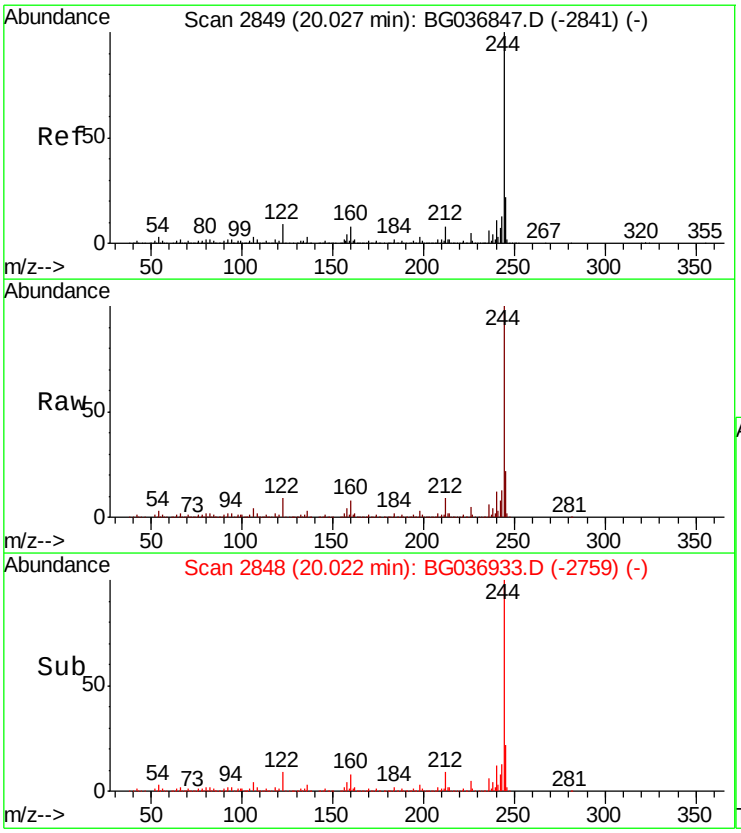
#76
Benzidine
Concen: 2.071 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:184 Resp: 20561

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.6	18.8
183	9.5	10.9	16.3#

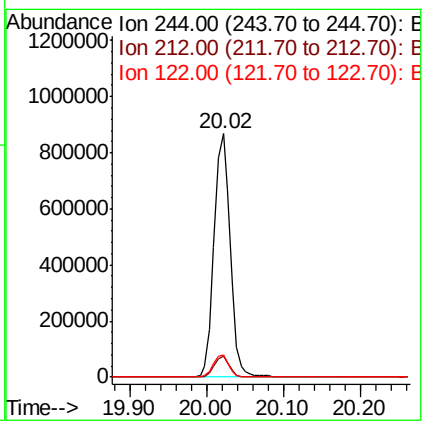


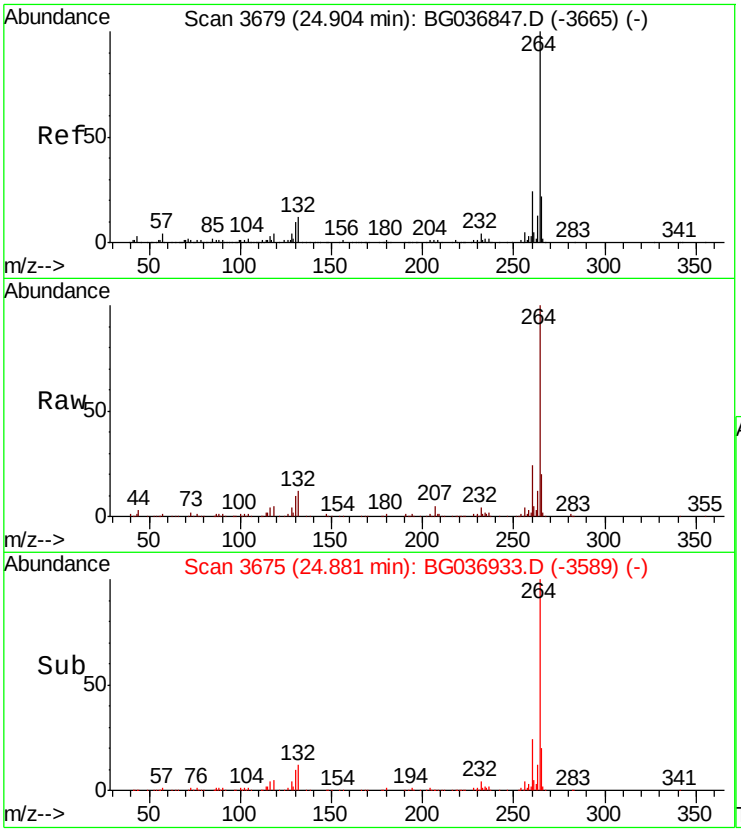


#78
Terphenyl-d14
Concen: 99.636 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Tgt Ion:244 Resp: 1244534

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036933.D
Acq: 25 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
PB113130TB

Tgt Ion:264 Resp: 319926

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