Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
Data File : BG036931.D
Acq On : 24 Sep 2018 23:42
Operator : JU/SJ
Sample : J4770-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-092118-H

Quant Time: Sep 25 06:10:30 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	36807	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	160312	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	106730	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	280169	20.00	ng	0.00
75) Chrysene-d12	21.68	240	302601	20.00	ng	-0.01
86) Perylene-d12	24.89	264	293326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	243722	126.99	ng	0.00
7) Phenol-d6	7.20	99	305092	102.75	ng	-0.01
23) Nitrobenzene-d5	9.20	82	256668	85.74	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	151580	118.70	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	589982	82.33	ng	0.00
78) Terphenyl-d14	20.02	244	1105720	96.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	34036	13.779	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	13484	7.194	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	13484	5.155	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	10559	3.313	ng	# 1
76) Benzidine	20.02	184	19360	2.116	ng	# 91

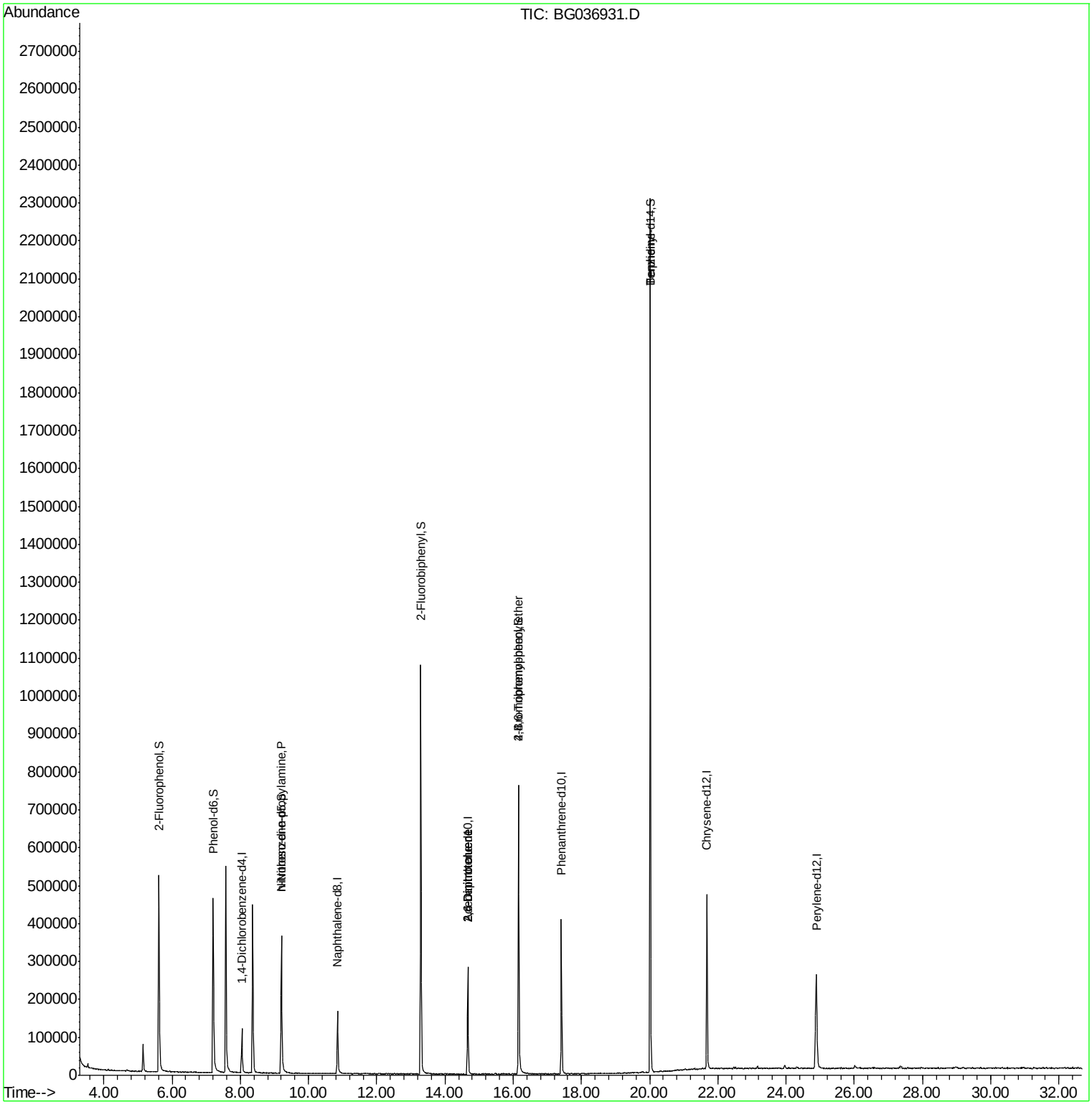
(#) = qualifier out of range (m) = manual integration (+) = signals summed

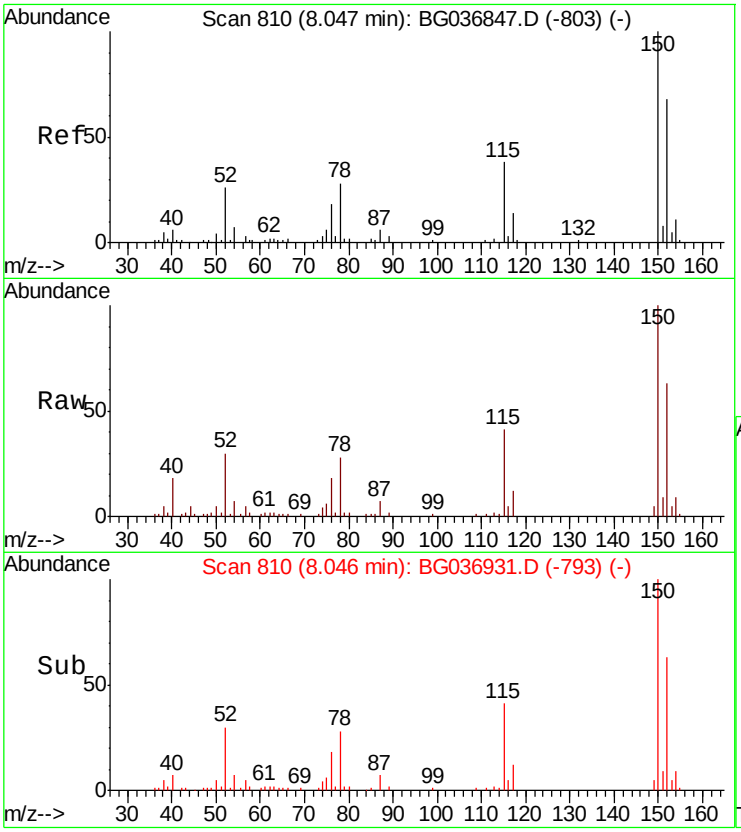
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
Data File : BG036931.D
Acq On : 24 Sep 2018 23:42
Operator : JU/SJ
Sample : J4770-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-092118-H

Quant Time: Sep 25 06:10:30 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



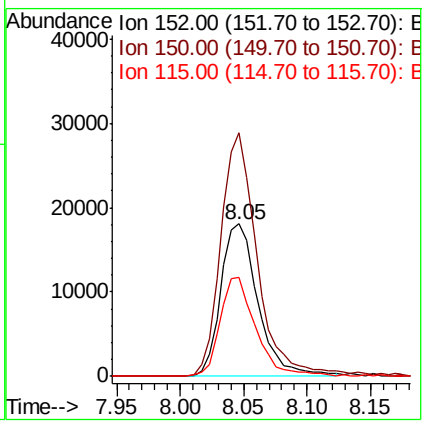


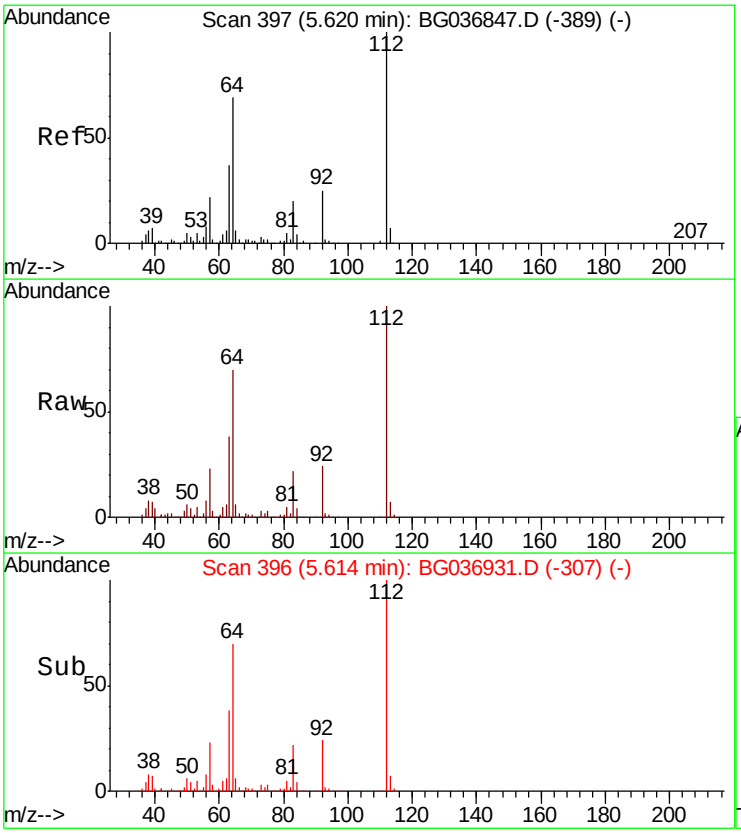
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:152 Resp: 36807

Ion	Ratio	Lower	Upper
152	100		
150	159.9	119.5	179.3
115	65.1	44.5	66.7

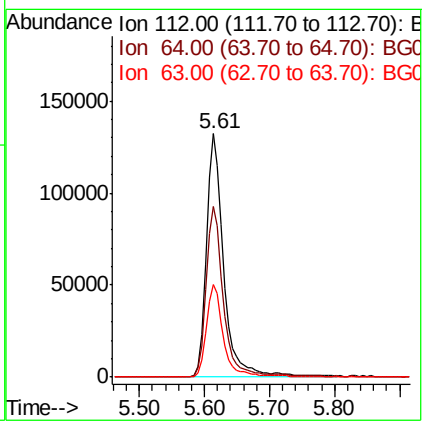


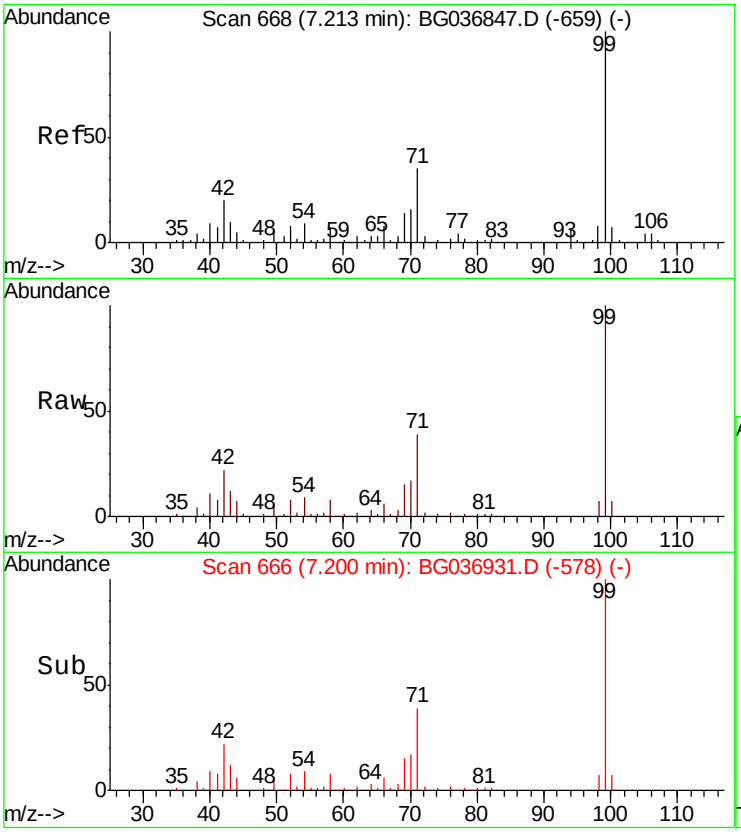


#5
2-Fluorophenol
Concen: 126.988 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:112 Resp: 243722

Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.2	85.8
63	38.2	30.8	46.2



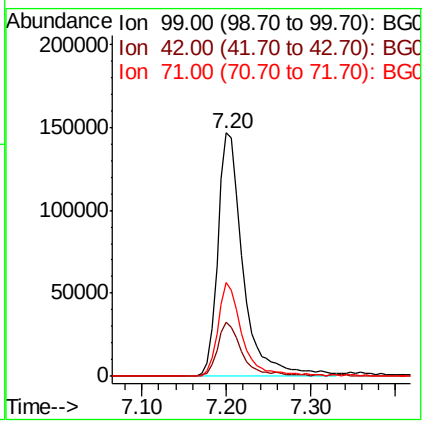


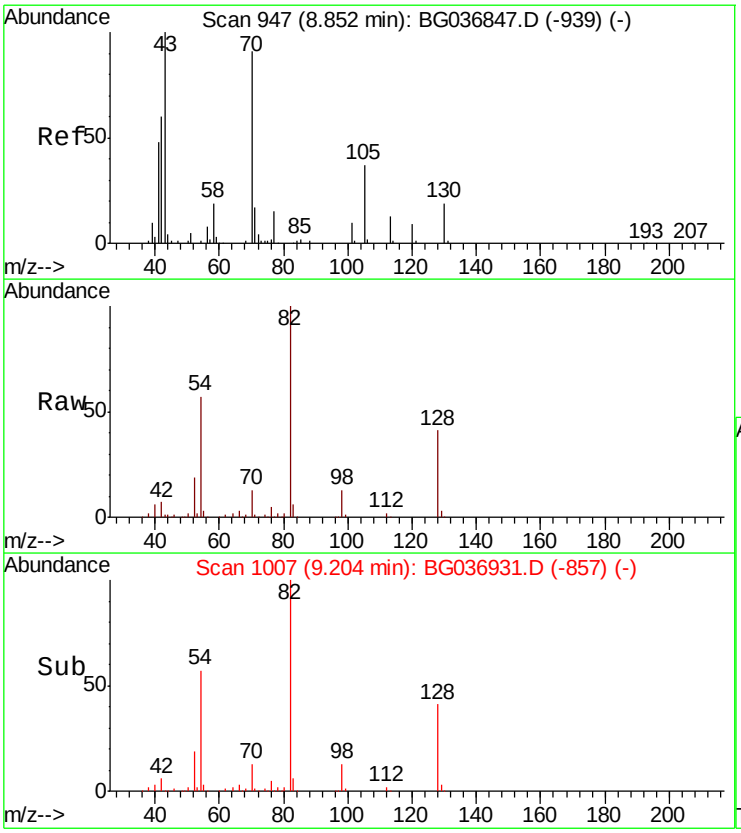
#7
Phenol-d6
Concen: 102.745 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion: 99 Resp: 305092

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.5	24.7
71	38.7	29.4	44.2

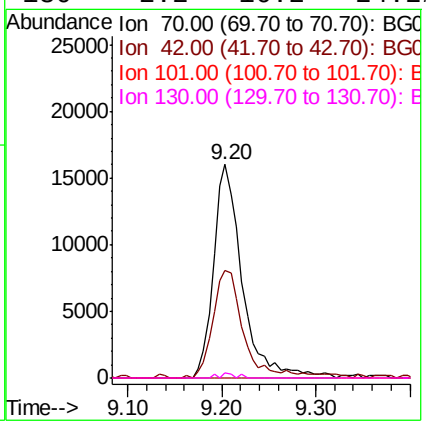


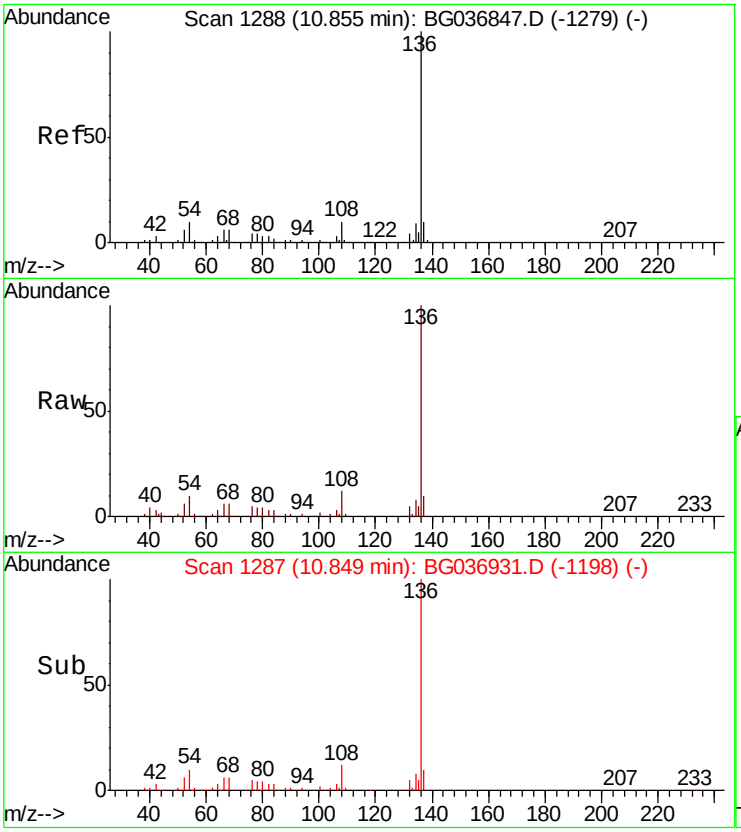


#19
n-Nitroso-di-n-propylamine
Concen: 13.779 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion: 70 Resp: 34036

Ion	Ratio	Lower	Upper
70	100		
42	50.6	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	16.2	24.2#



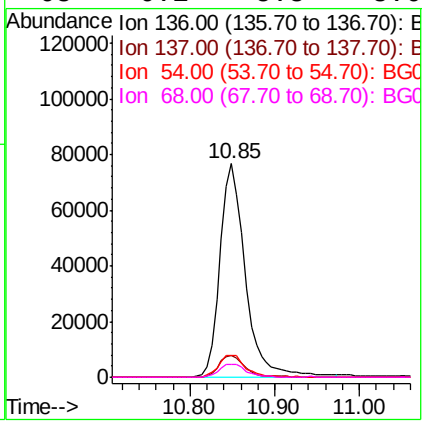


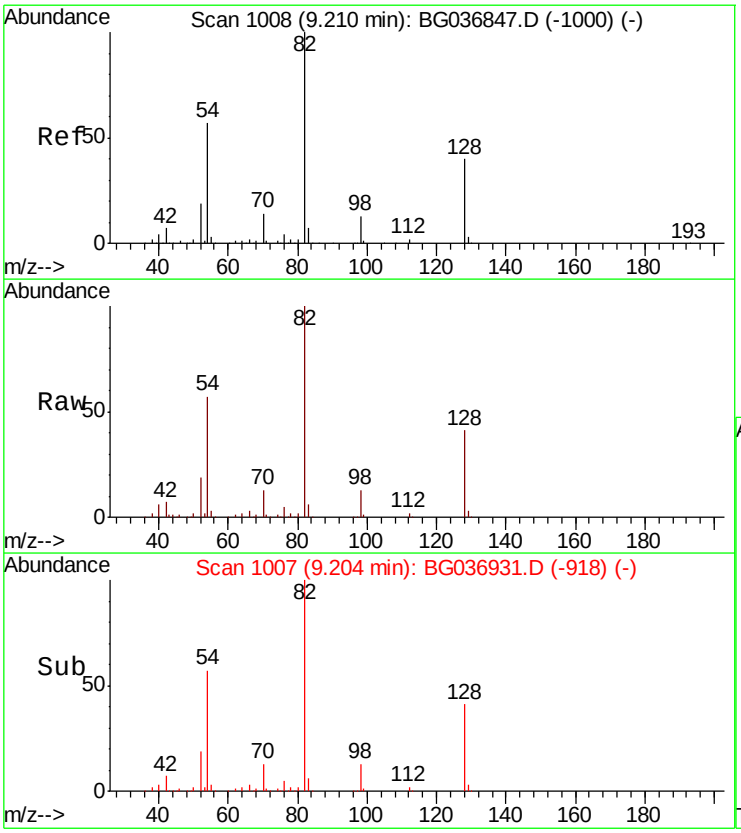
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:136 Resp: 160312

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.5	9.2	13.8
68	6.1	5.8	8.6

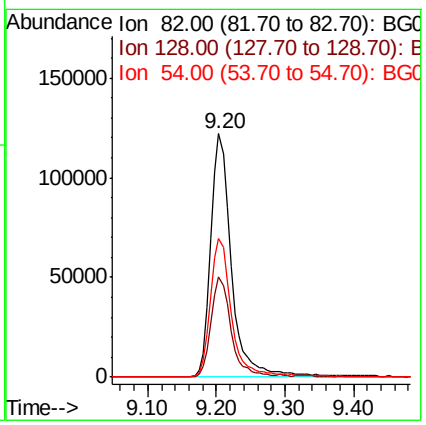


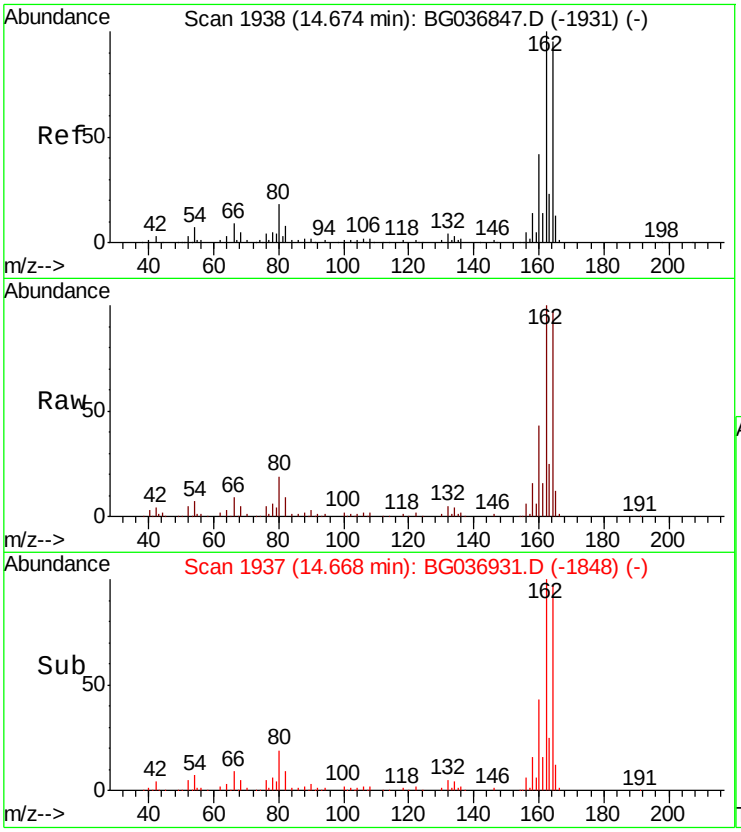


#23
Nitrobenzene-d5
Concen: 85.738 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion: 82 Resp: 256668

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.8	45.1	67.7



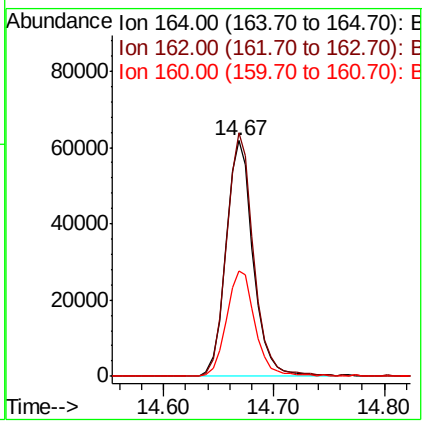


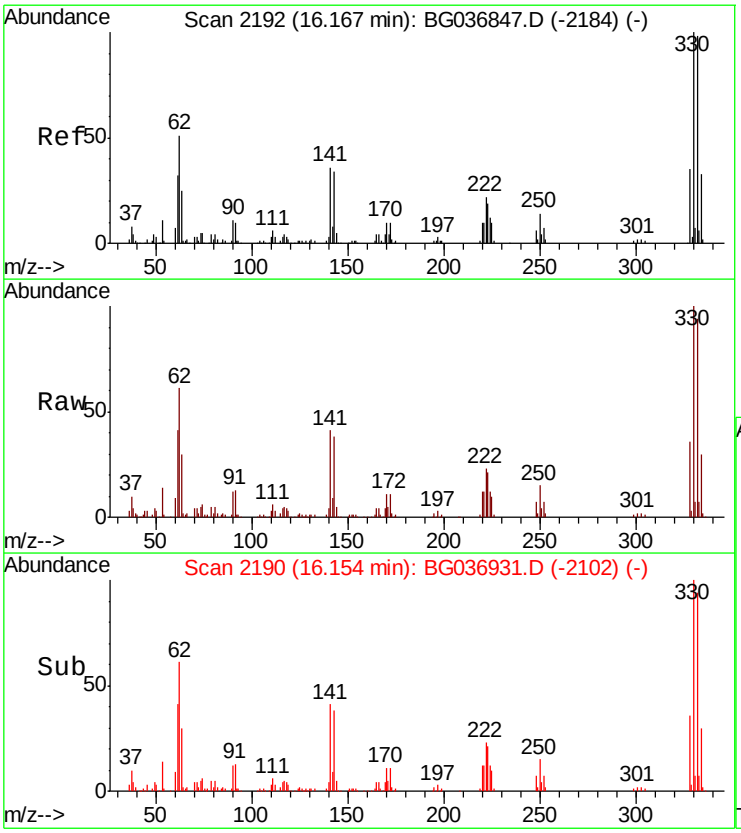
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:164 Resp: 106730

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.7	121.1
160	44.5	35.3	52.9

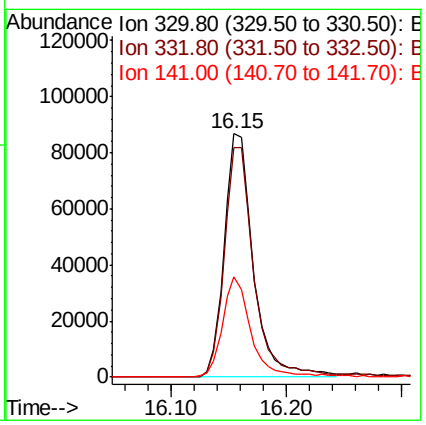


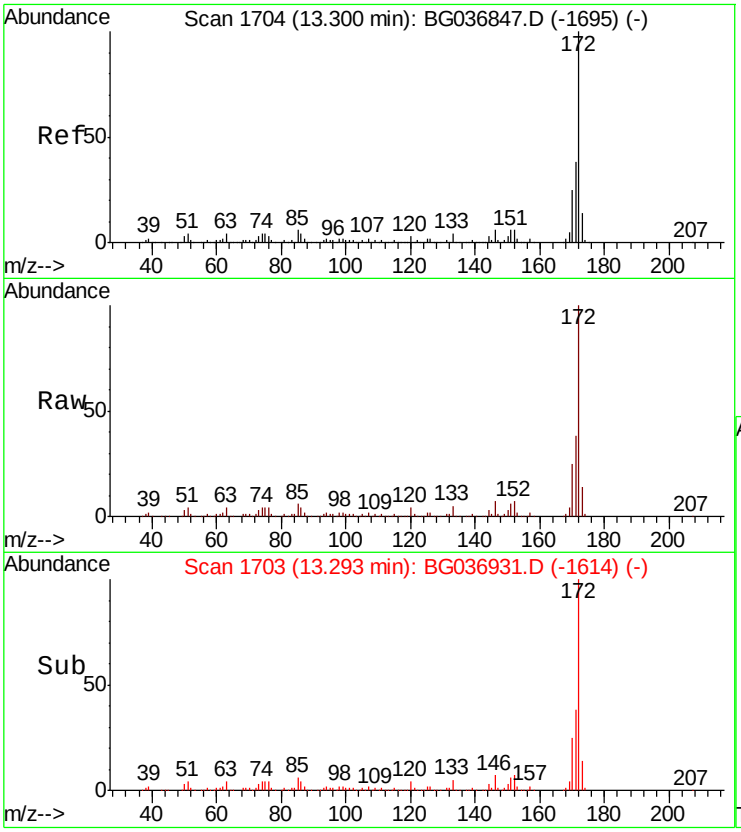


#41
2,4,6-Tribromophenol
Concen: 118.704 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:330 Resp: 151580

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	40.8	30.7	46.1



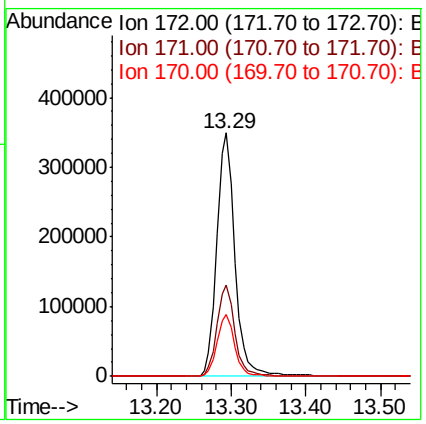


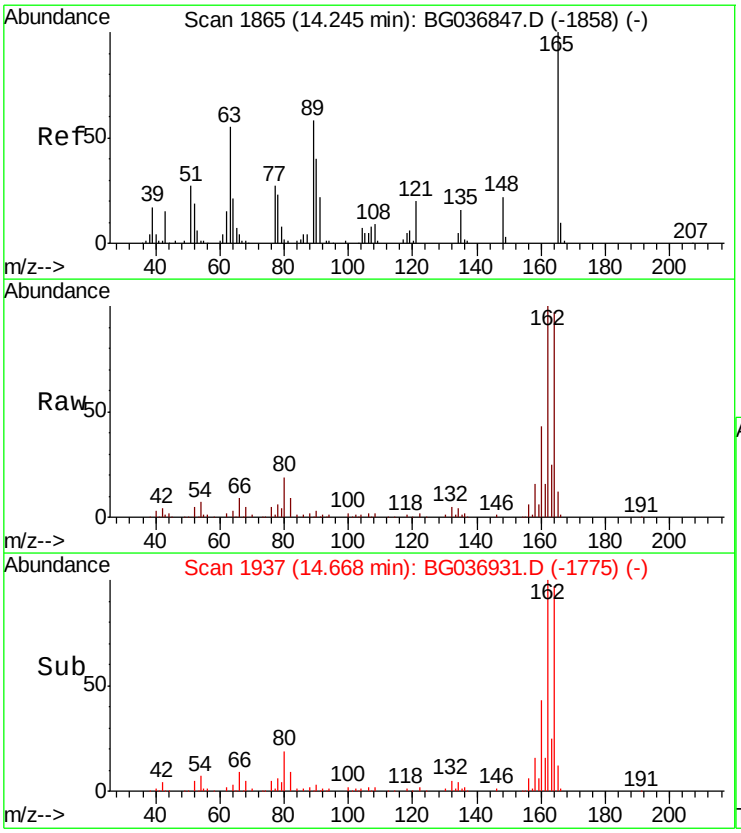
#44
2-Fluorobiphenyl
Concen: 82.330 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:172 Resp: 589982

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.3	21.0	31.6

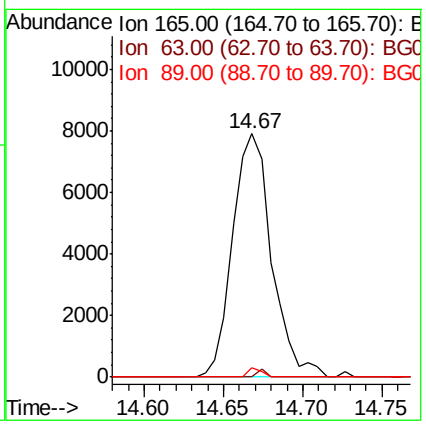


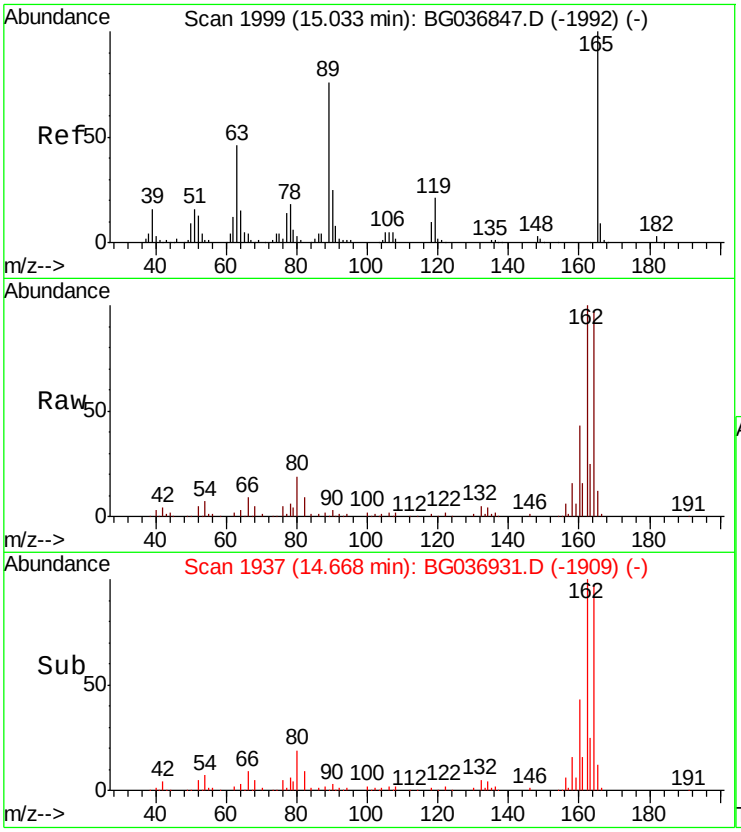


#50
2,6-Dinitrotoluene
Concen: 7.194 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:165 Resp: 13484

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	3.7	47.8	71.6#



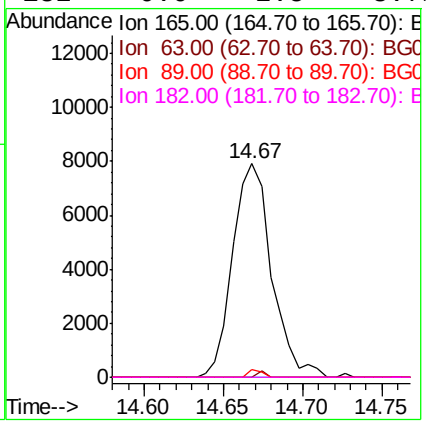


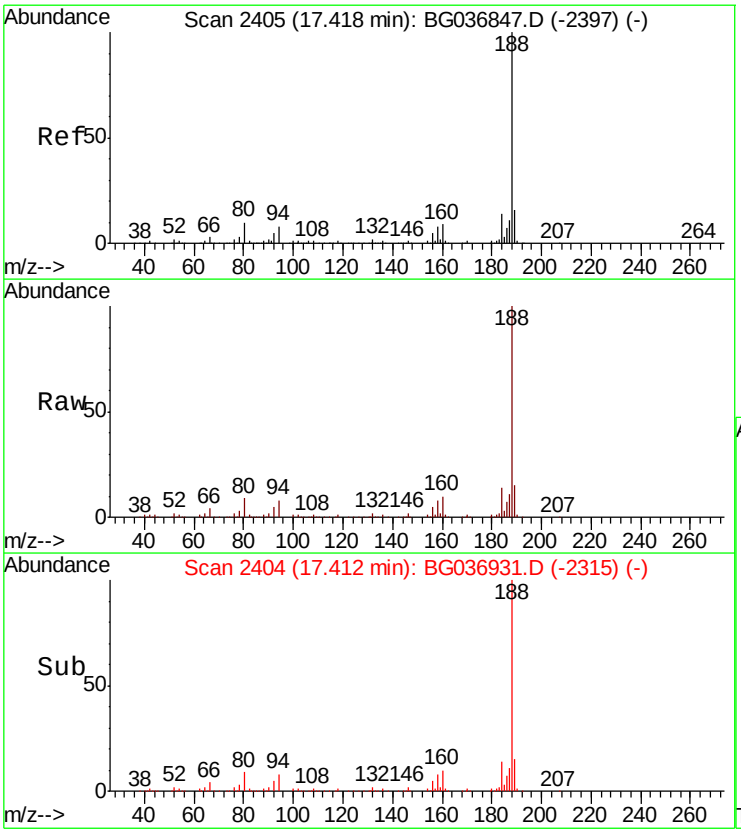
#56
2,4-Dinitrotoluene
Concen: 5.155 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:165 Resp: 13484

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

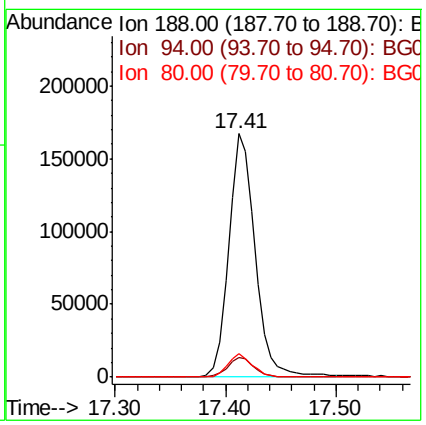


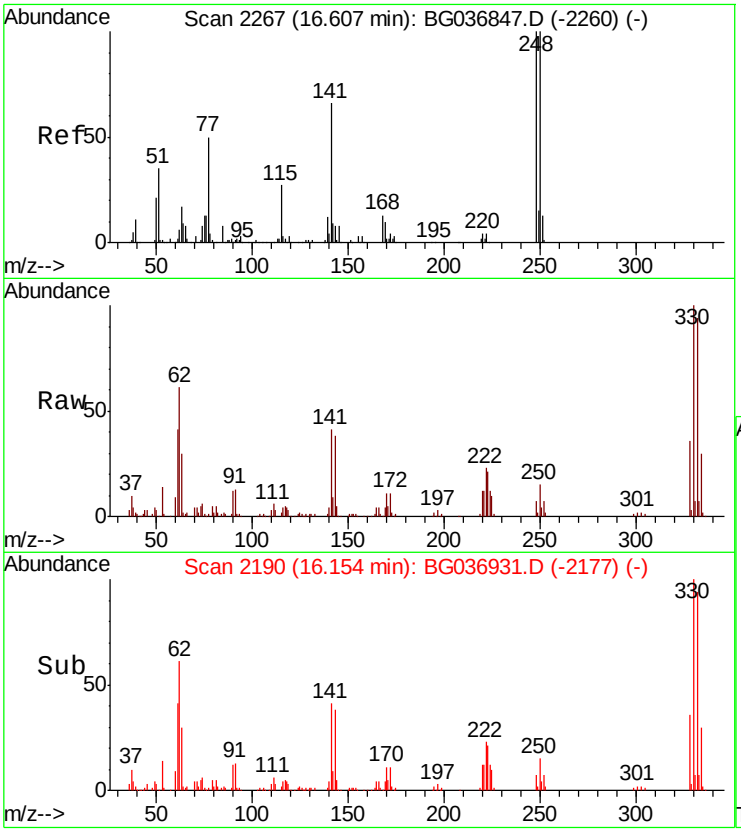


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:188 Resp: 280169

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.4	8.1	12.1



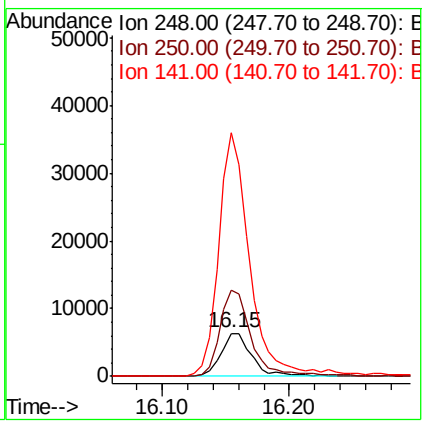


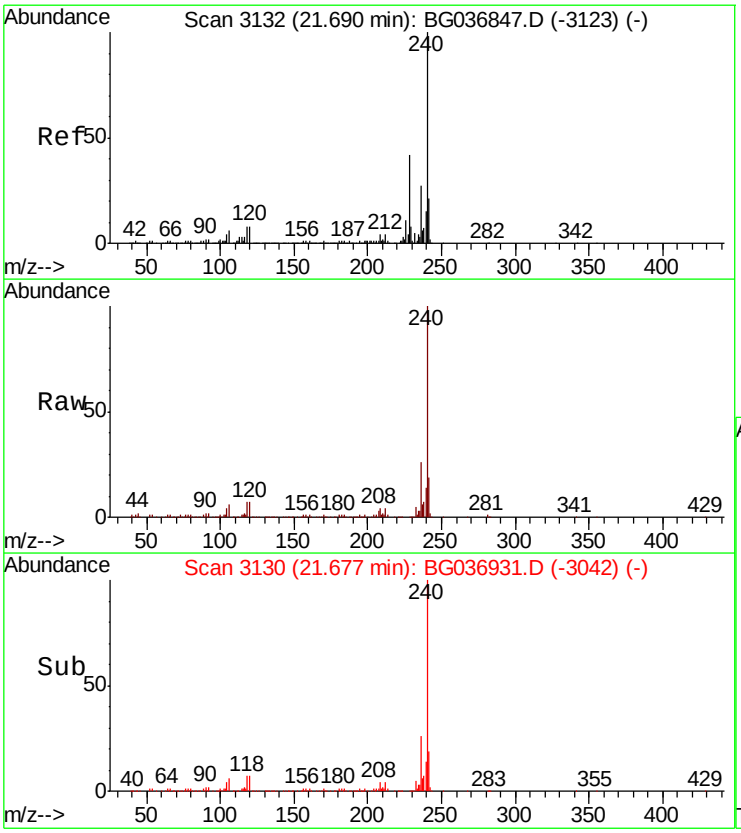
#66
4-Bromophenyl-phenylether
Concen: 3.313 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:248 Resp: 10559

Ion	Ratio	Lower	Upper
248	100		
250	201.3	78.1	117.1#
141	569.6	53.7	80.5#

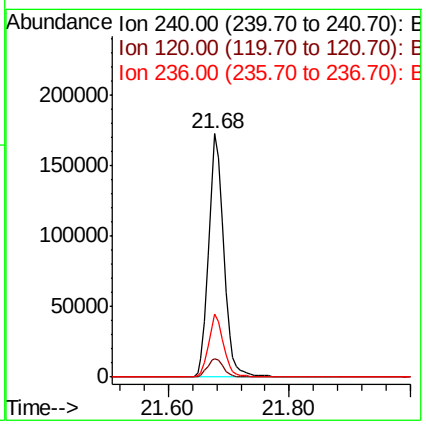


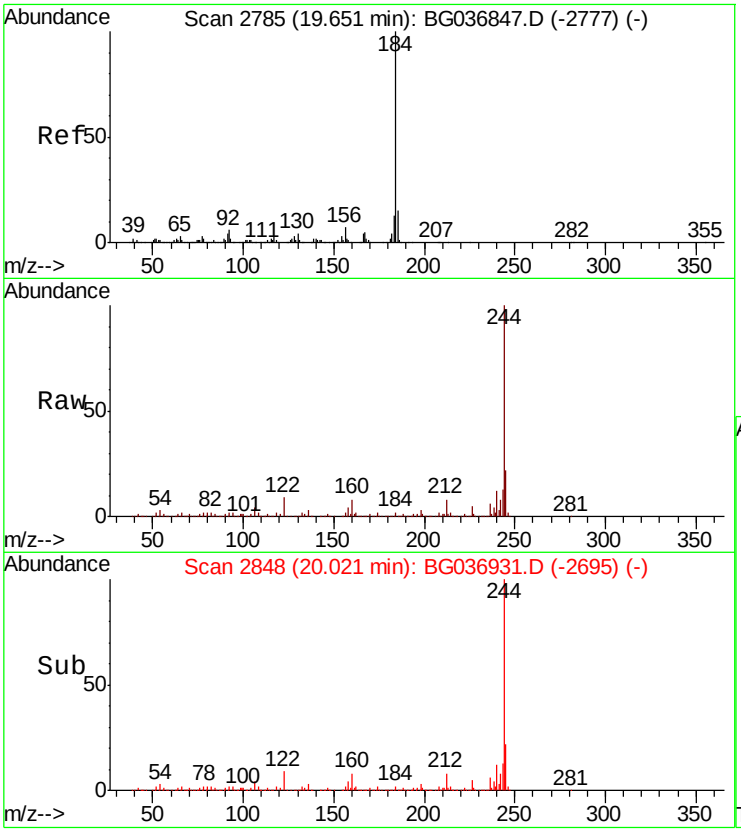


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:240 Resp: 302601

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.9	10.3
236	25.8	21.2	31.8



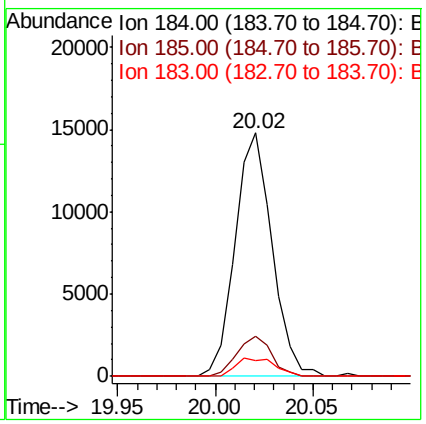


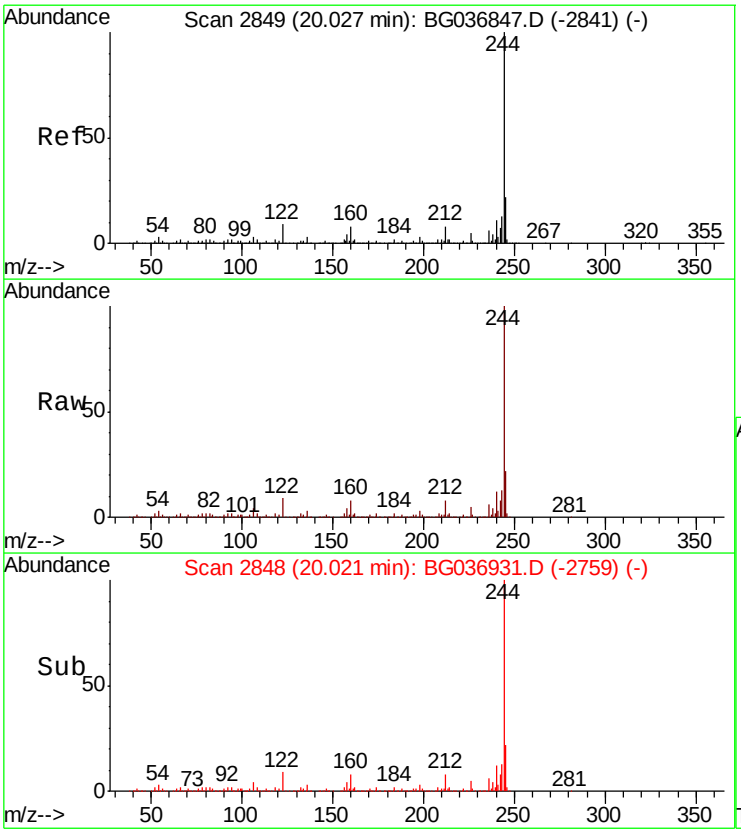
#76
Benzidine
Concen: 2.116 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:184 Resp: 19360

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.6	18.8
183	6.5	10.9	16.3#

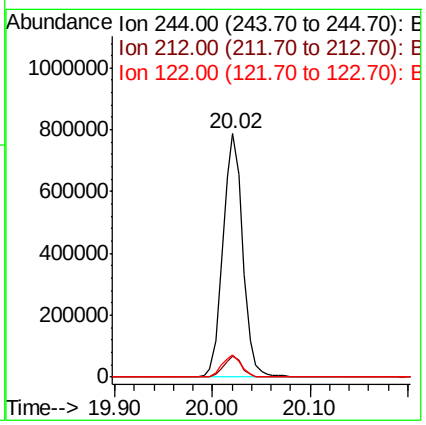


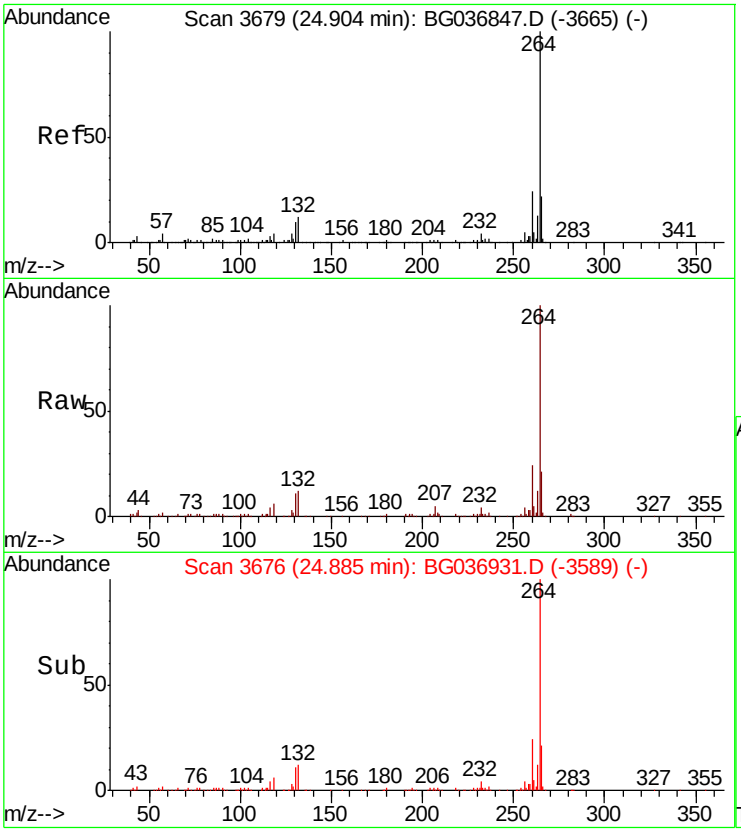


#78
Terphenyl-d14
Concen: 96.083 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:244 Resp: 1105720

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

Tgt Ion:264 Resp: 293326

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.9	17.4	26.0