Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
Data File : BG036866.D
Acq On : 21 Sep 2018 20:02
Operator : JU/SJ
Sample : J4777-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 22 04:29:29 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	38270	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	158438	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	106584	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	292950	20.00	ng		0.00
75) Chrysene-d12	21.69	240	323374	20.00	ng		0.00
86) Perylene-d12	24.89	264	314853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	250570	125.57	ng		0.00
7) Phenol-d6	7.21	99	322320	104.40	ng		0.00
23) Nitrobenzene-d5	9.21	82	253755	85.77	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	184208	144.45	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	582015	81.33	ng		0.00
78) Terphenyl-d14	20.02	244	1226461	99.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	33775	13.150	ng	#	74
31) Naphthalene	10.91	128	20257	2.687	ng		97
50) 2,6-Dinitrotoluene	14.67	165	14001	7.480	ng	#	20
56) 2,4-Dinitrotoluene	14.67	165	14001	5.360	ng	#	18
66) 4-Bromophenyl-phenylether	16.16	248	13307	3.994	ng	#	1
76) Benzidine	20.02	184	21230	2.172	ng	#	92

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

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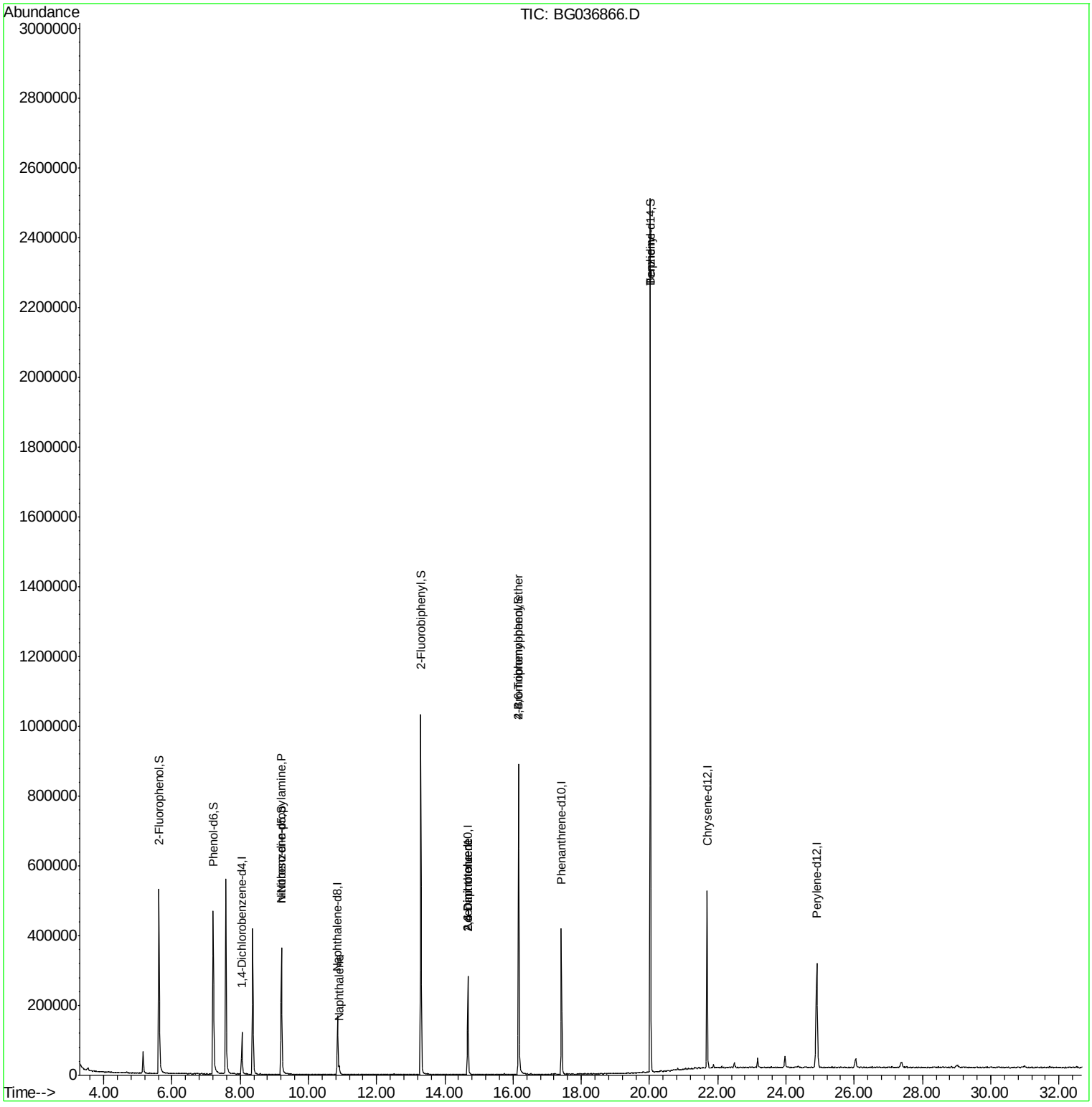
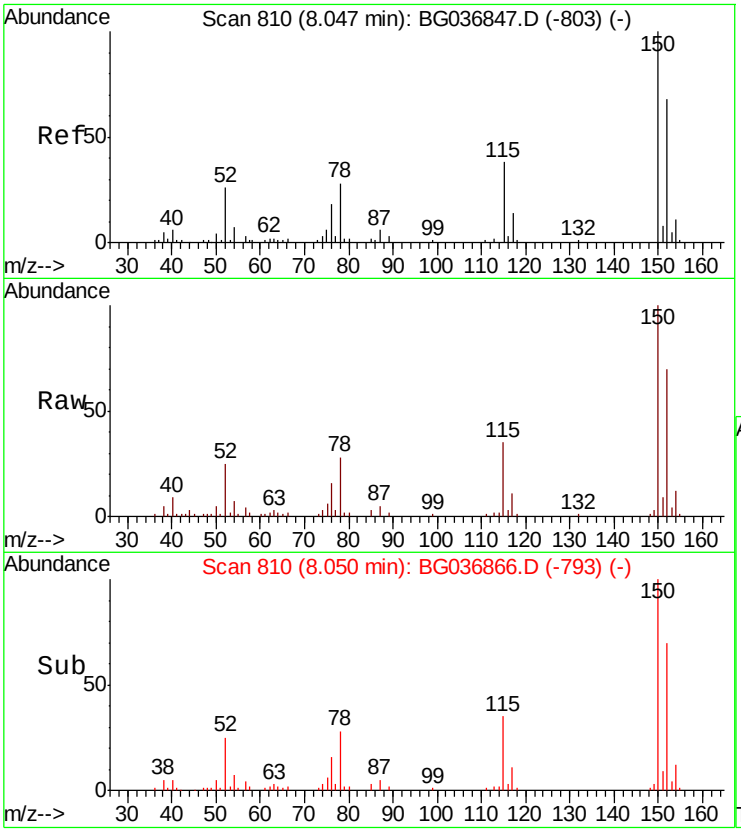


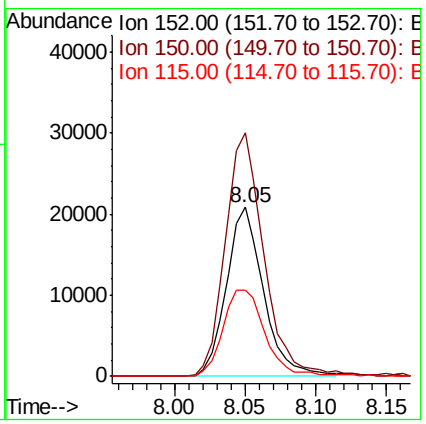


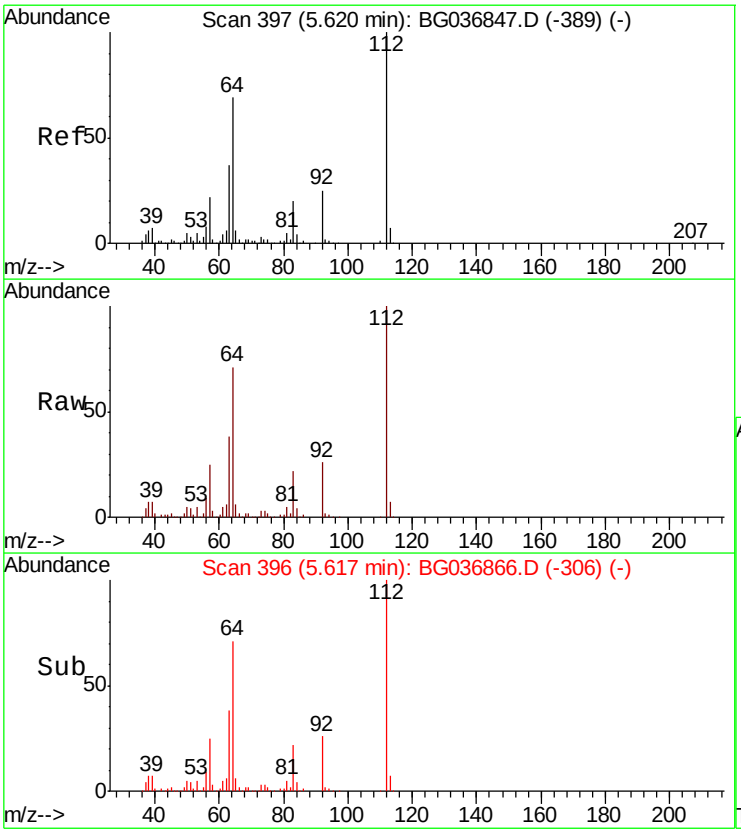
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:152 Resp: 38270

Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	51.0	44.5	66.7

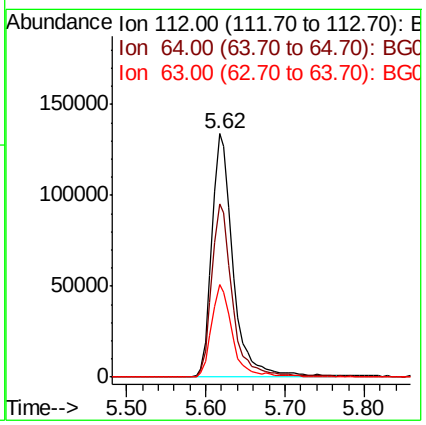


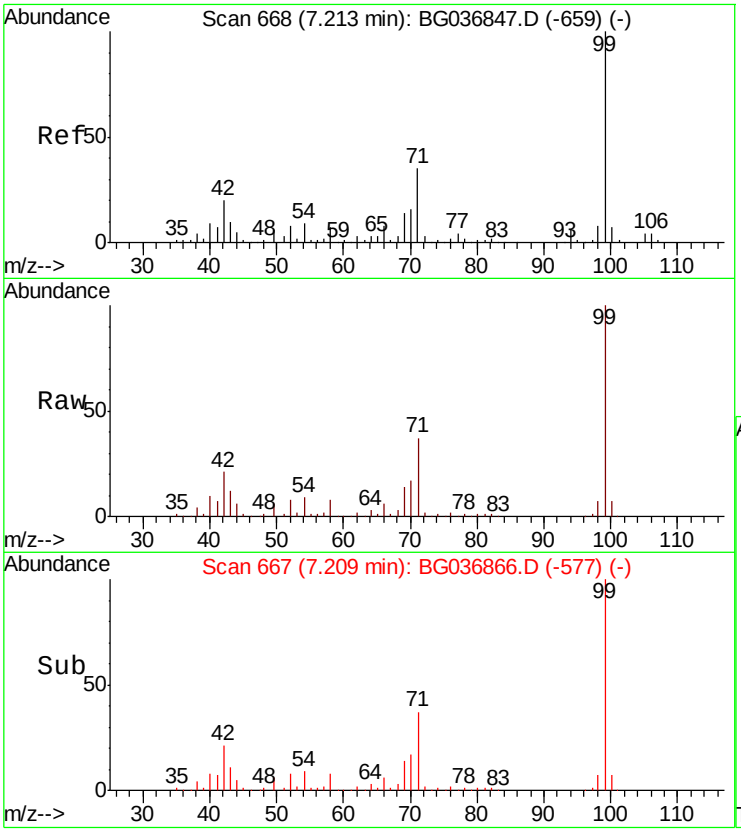


#5
2-Fluorophenol
Concen: 125.565 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:112 Resp: 250570

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	38.3	30.8	46.2



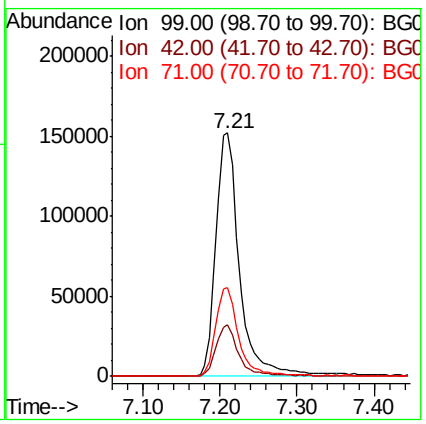


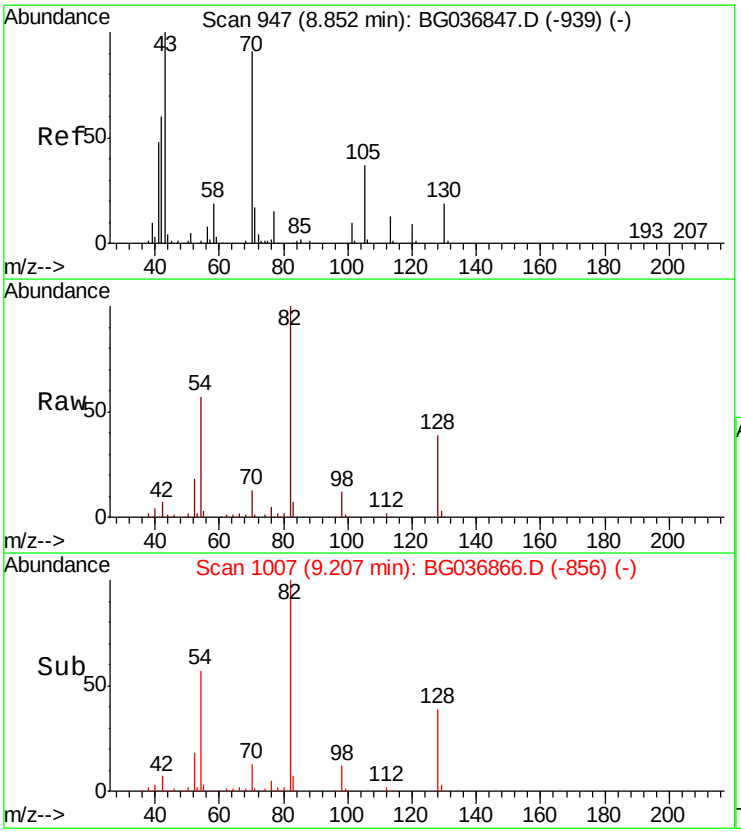
#7
Phenol-d6
Concen: 104.397 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion: 99 Resp: 322320

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.5	24.7
71	36.5	29.4	44.2

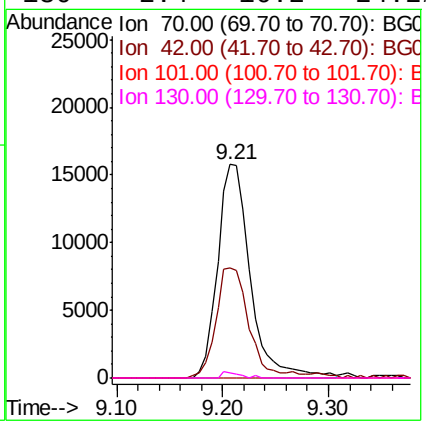


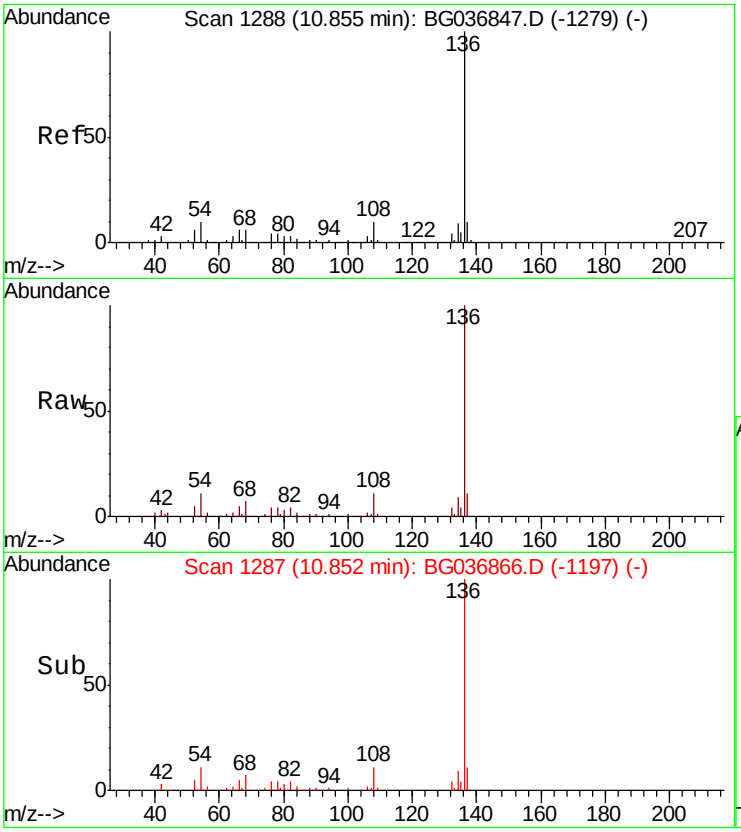


#19
n-Nitroso-di-n-propylamine
Concen: 13.150 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.36 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion: 70 Resp: 33775

Ion	Ratio	Lower	Upper
70	100		
42	51.5	56.2	84.4#
101	0.0	7.8	11.6#
130	2.4	16.2	24.2#



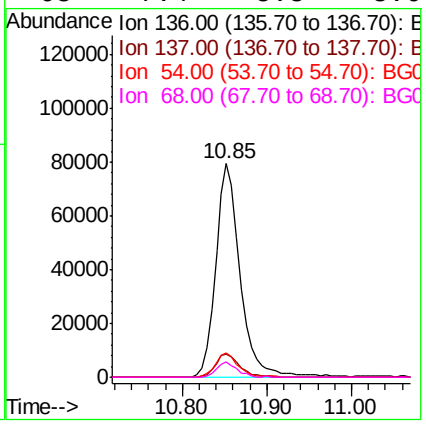


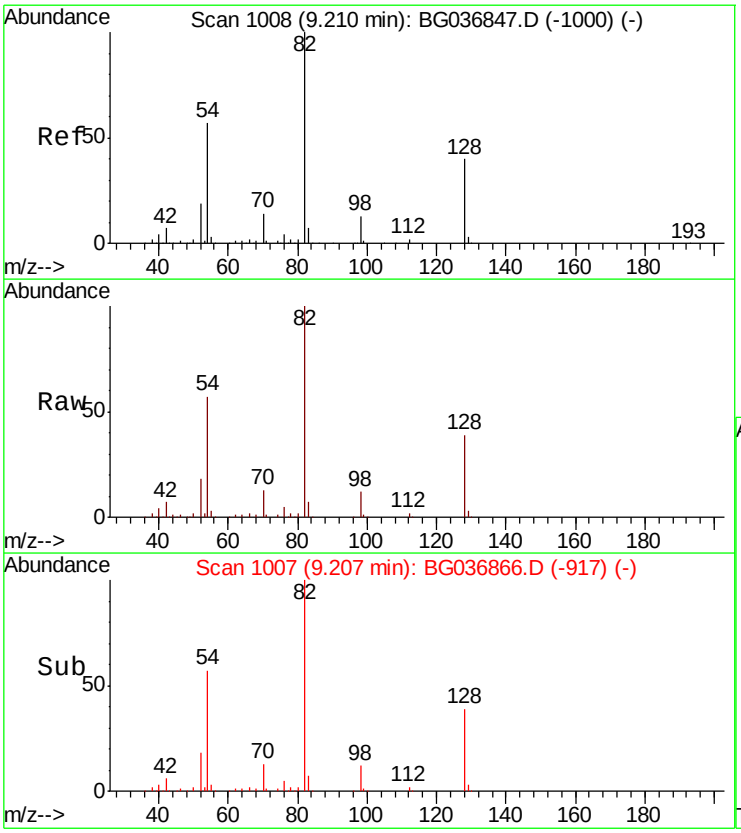
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:136 Resp: 158438

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.1	9.2	13.8
68	7.4	5.8	8.6

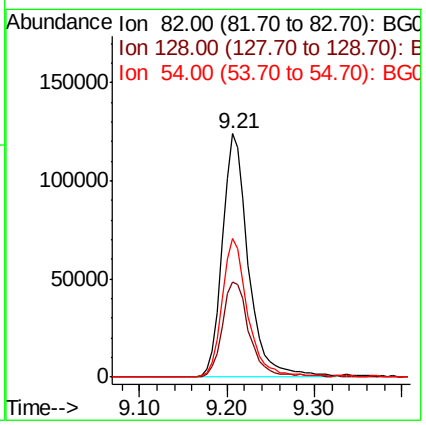


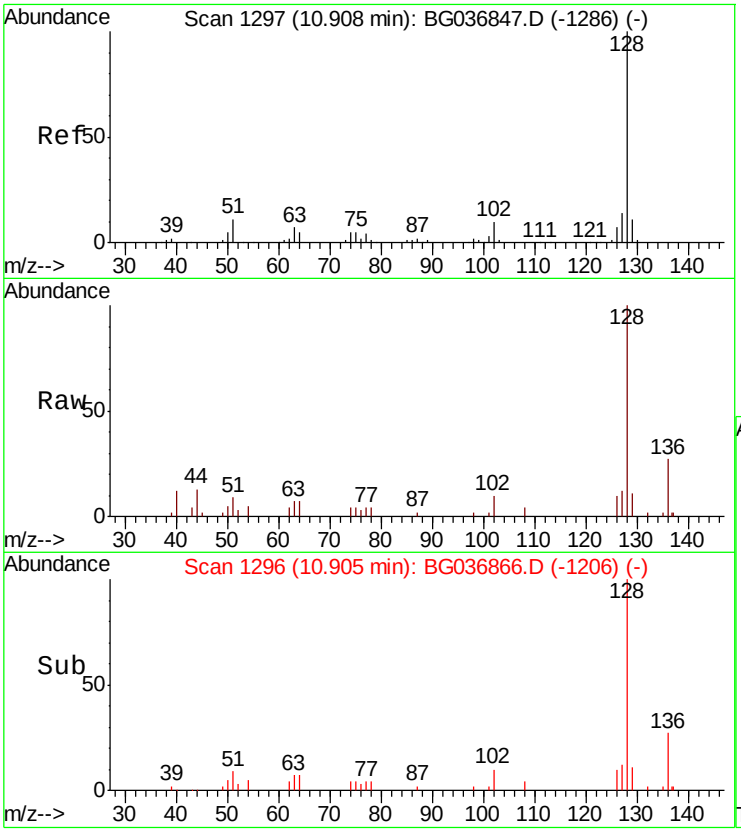


#23
Nitrobenzene-d5
Concen: 85.768 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion: 82 Resp: 253755

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	56.8	45.1	67.7



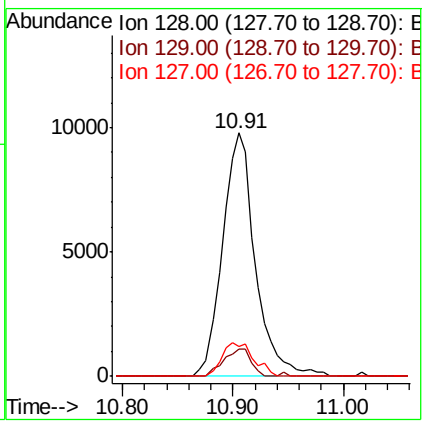


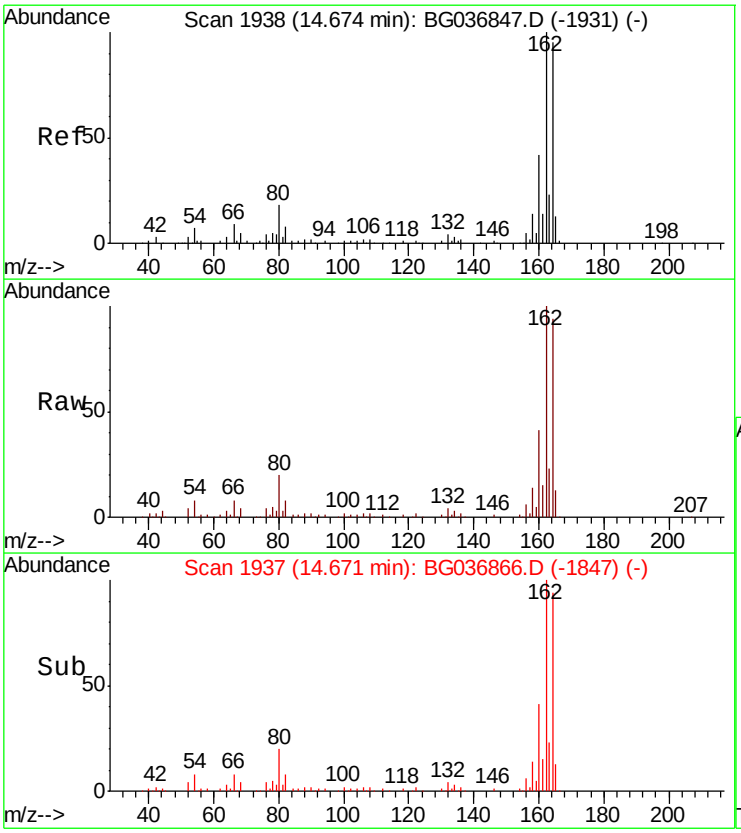
#31
Naphthalene
Concen: 2.687 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:128 Resp: 20257

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	12.2	11.0	16.4

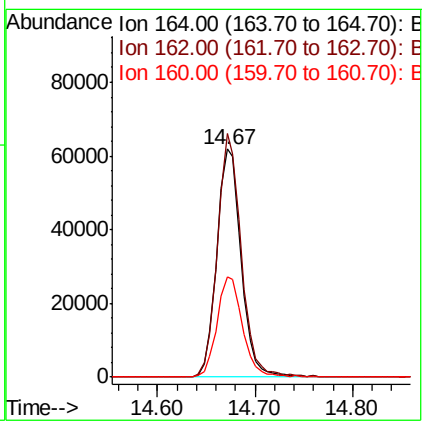


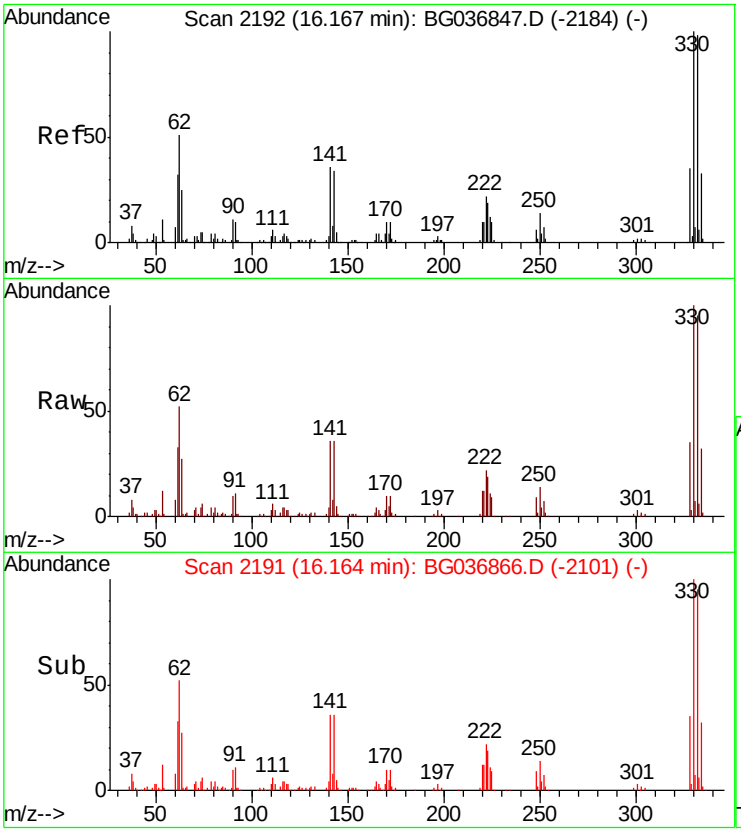


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:164 Resp: 106584

Ion	Ratio	Lower	Upper
164	100		
162	106.7	80.7	121.1
160	44.2	35.3	52.9



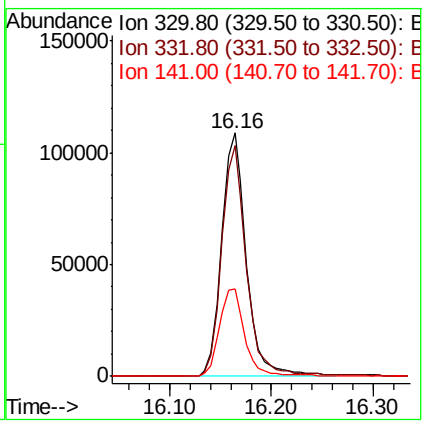


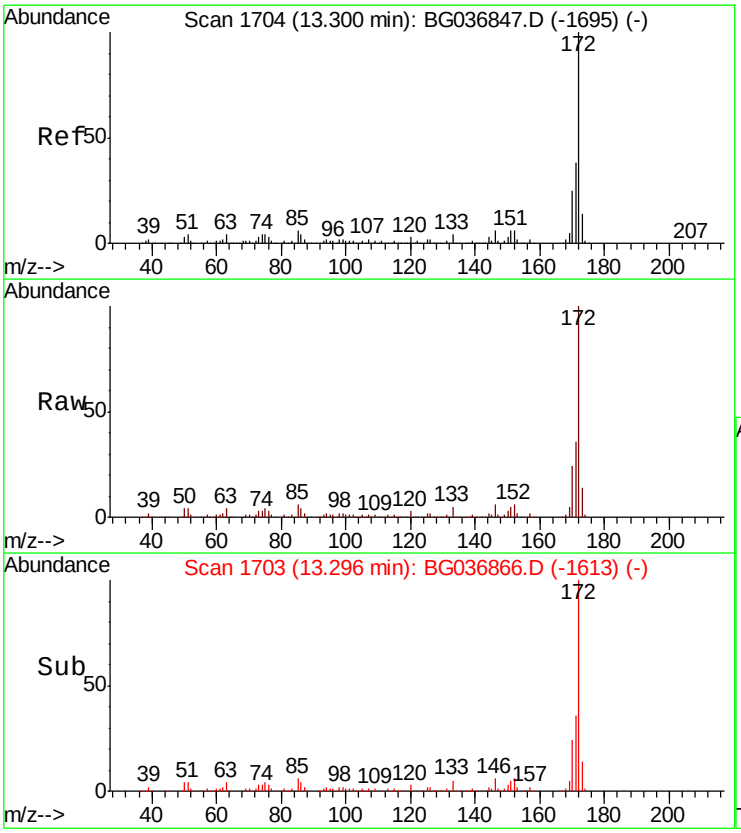
#41
2,4,6-Tribromophenol
Concen: 144.453 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:330 Resp: 184208

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.2
141	37.3	30.7	46.1

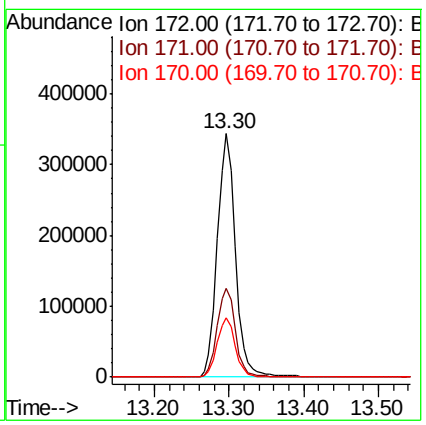


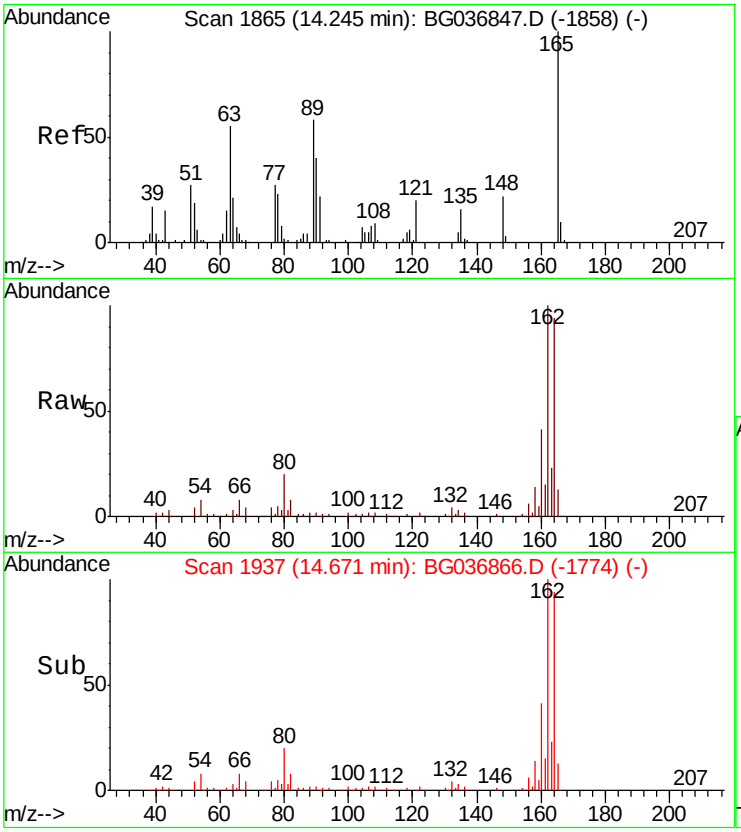


#44
2-Fluorobiphenyl
Concen: 81.330 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:172 Resp: 582015

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	24.2	21.0	31.6



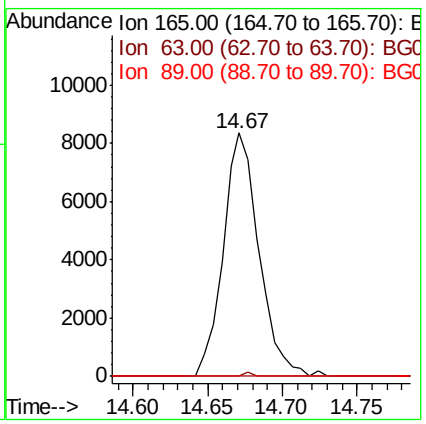


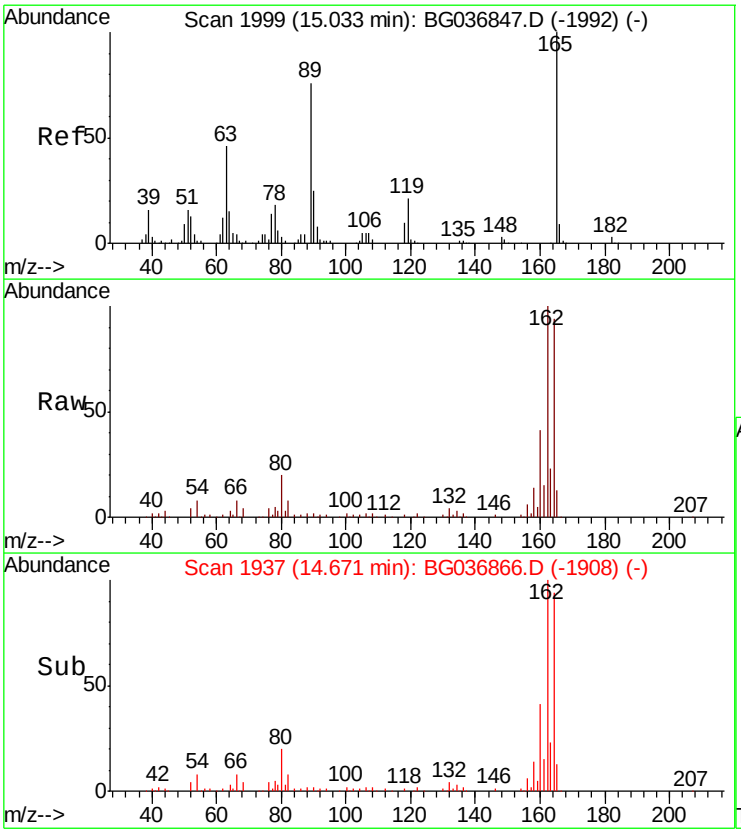
#50
2,6-Dinitrotoluene
Concen: 7.480 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.43 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:165 Resp: 14001

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

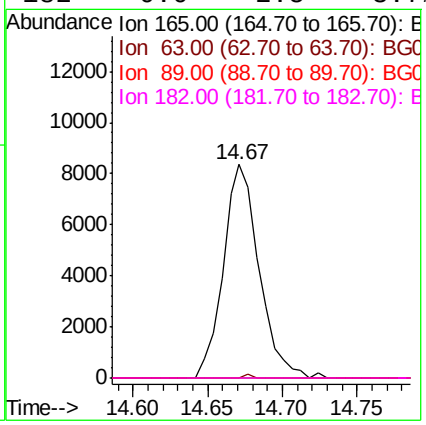


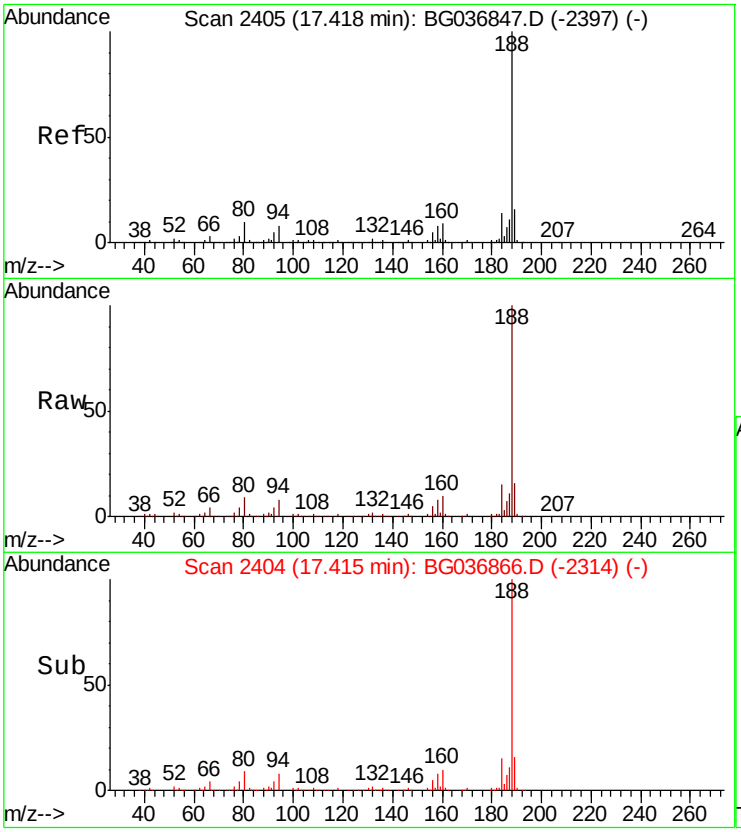


#56
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:165 Resp: 14001

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#



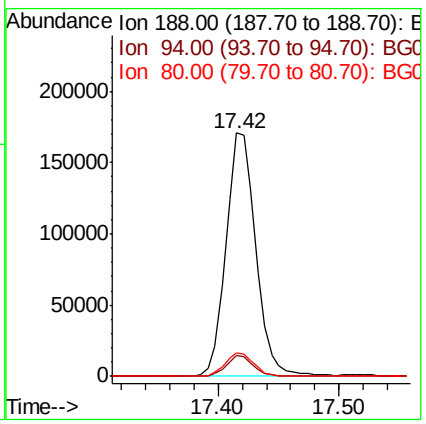


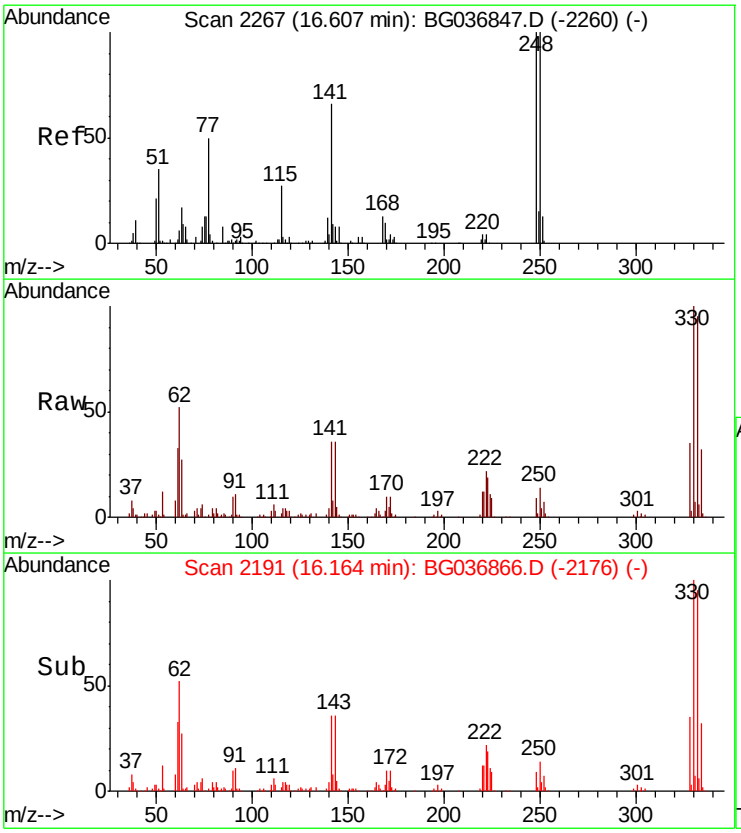
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:188 Resp: 292950

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.5	8.1	12.1

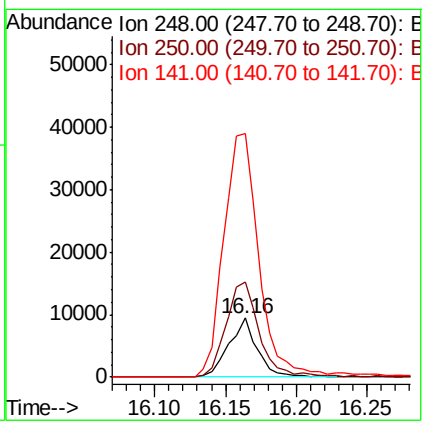


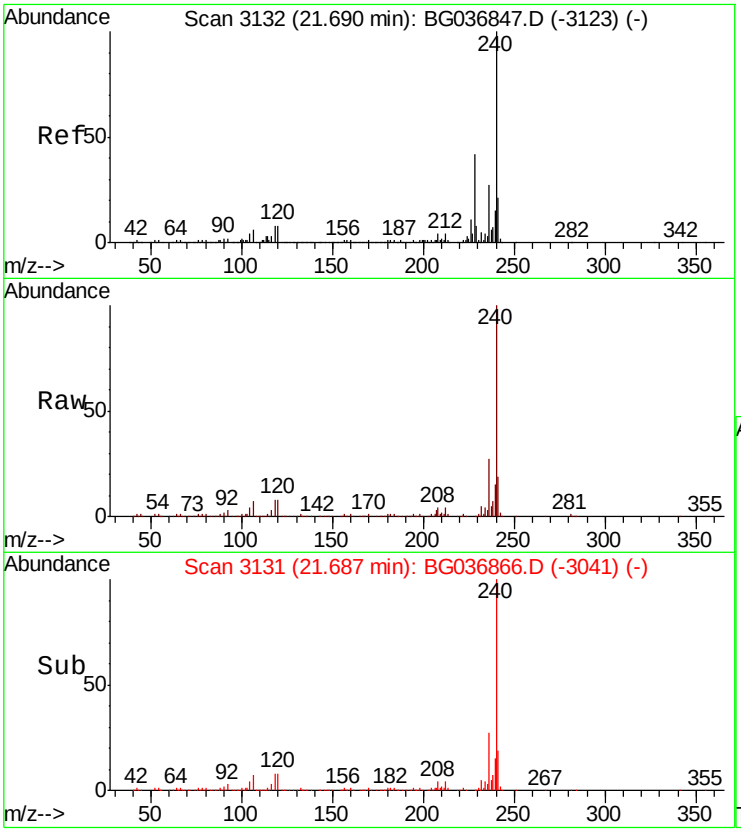


#66
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.44 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:248 Resp: 13307

Ion	Ratio	Lower	Upper
248	100		
250	161.6	78.1	117.1#
141	413.7	53.7	80.5#



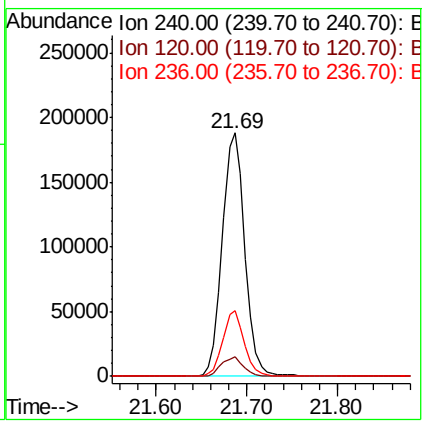


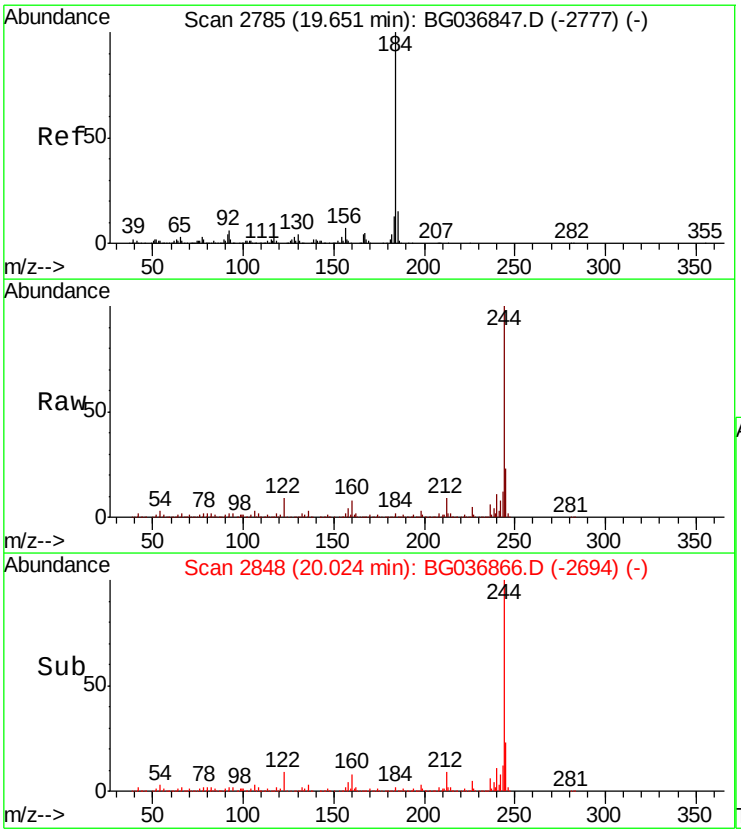
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:240 Resp: 323374

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	26.8	21.2	31.8

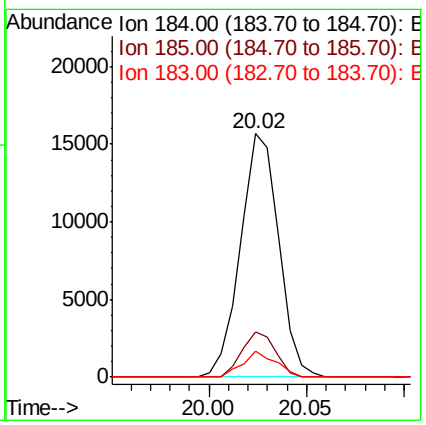


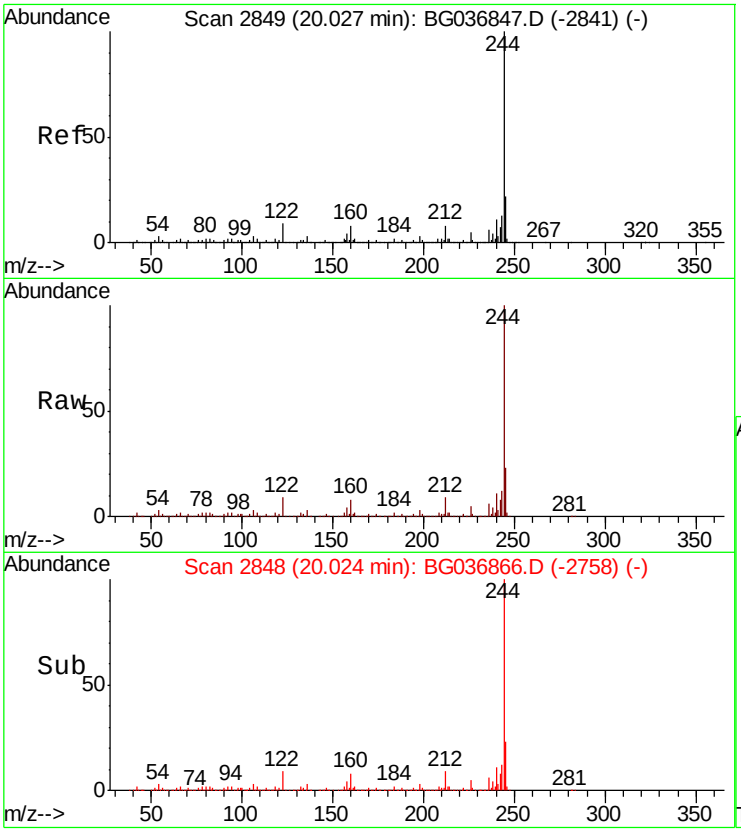


#76
Benzidine
Concen: 2.172 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:184 Resp: 21230

Ion	Ratio	Lower	Upper
184	100		
185	18.8	12.6	18.8
183	10.5	10.9	16.3#



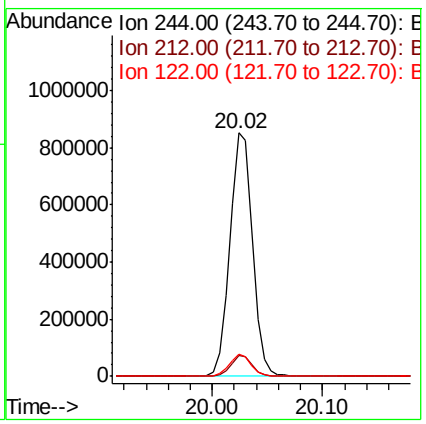


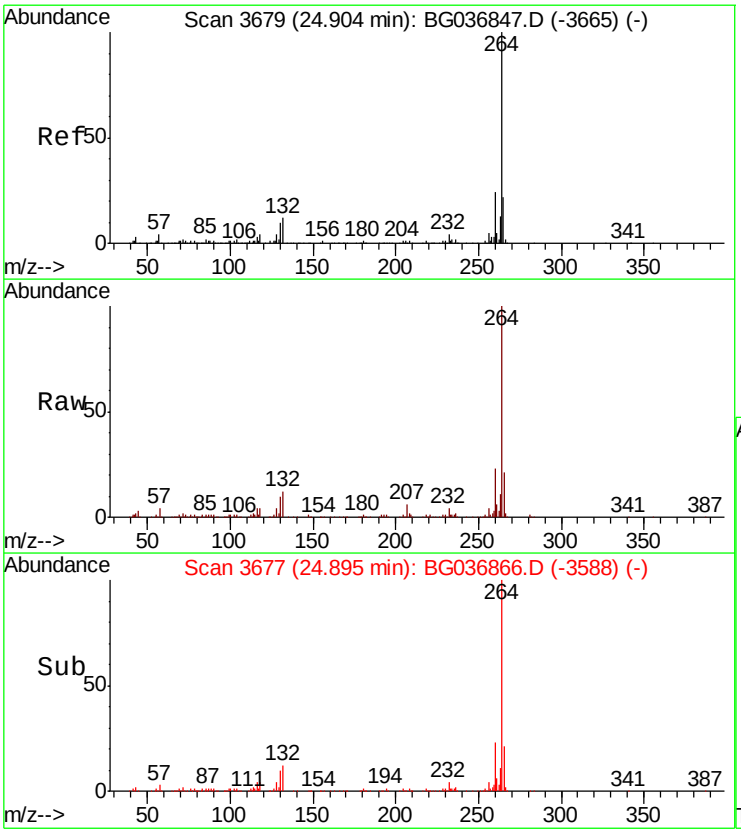
#78
Terphenyl-d14
Concen: 99.729 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

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

Tgt Ion:244 Resp: 1226461

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036866.D
Acq: 21 Sep 2018 20:02

Tgt Ion:264 Resp: 314853

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.0	17.4	26.0