Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036860.D
Acq On : 21 Sep 2018 16:01
Operator : JU/SJ
Sample : PB113056BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 21 17:01:11 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	37511	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	158562	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111541	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	323956	20.00	ng	0.00
75) Chrysene-d12	21.69	240	377380	20.00	ng	0.00
86) Perylene-d12	24.90	264	364938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	282342	144.35	ng	0.00
7) Phenol-d6	7.21	99	397073	131.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	255821	86.40	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	200210	150.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	654475	87.39	ng	0.00
78) Terphenyl-d14	20.03	244	1429195	99.58	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	32784	13.023	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	14452	7.378	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	14452	5.287	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13319	3.615	ng	# 1
76) Benzidine	20.02	184	24104	2.113	ng	# 91

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

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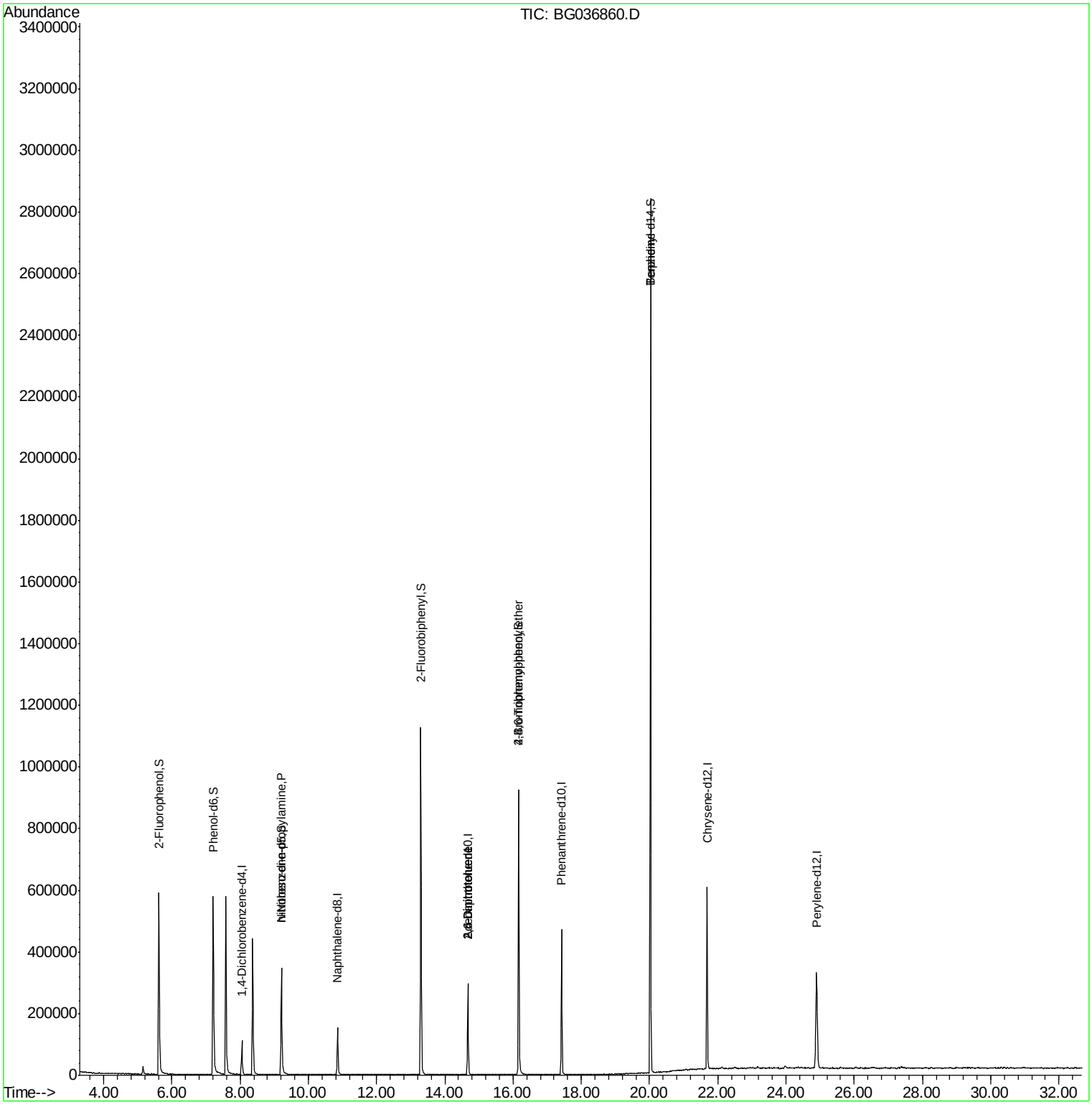
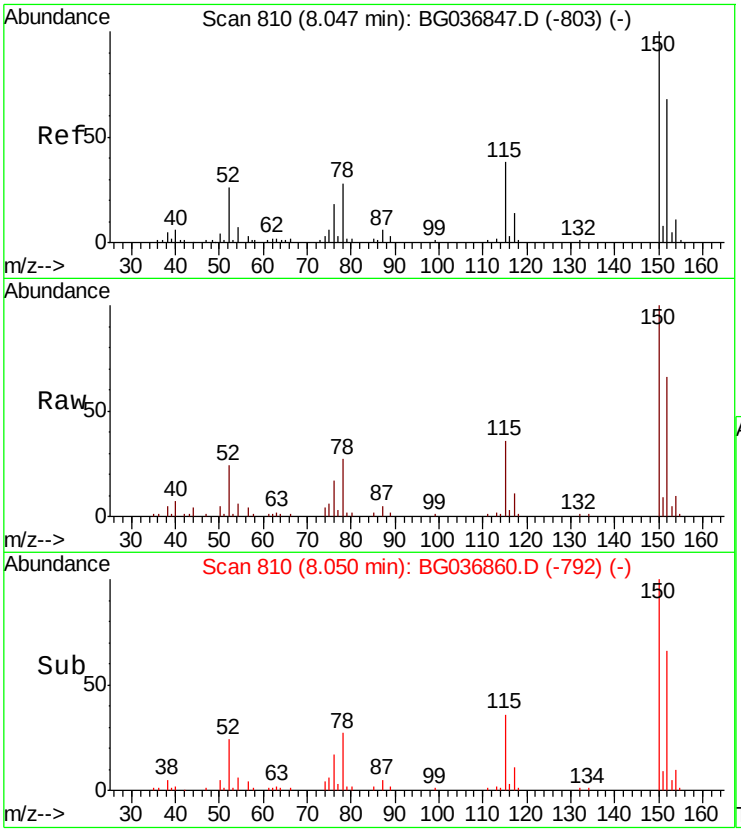
Response via : Initial Calibration



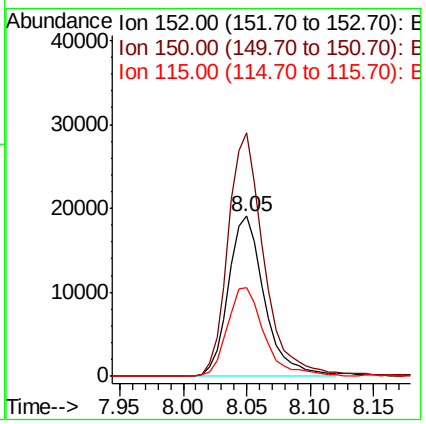


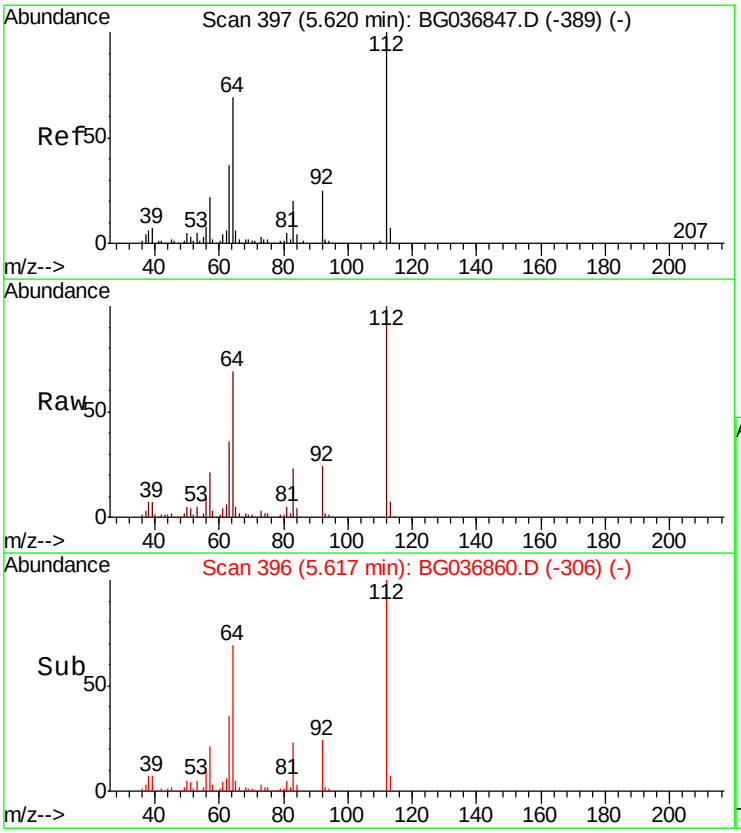
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37511

Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	55.2	44.5	66.7

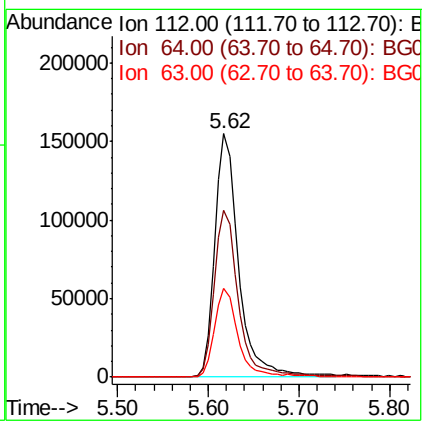


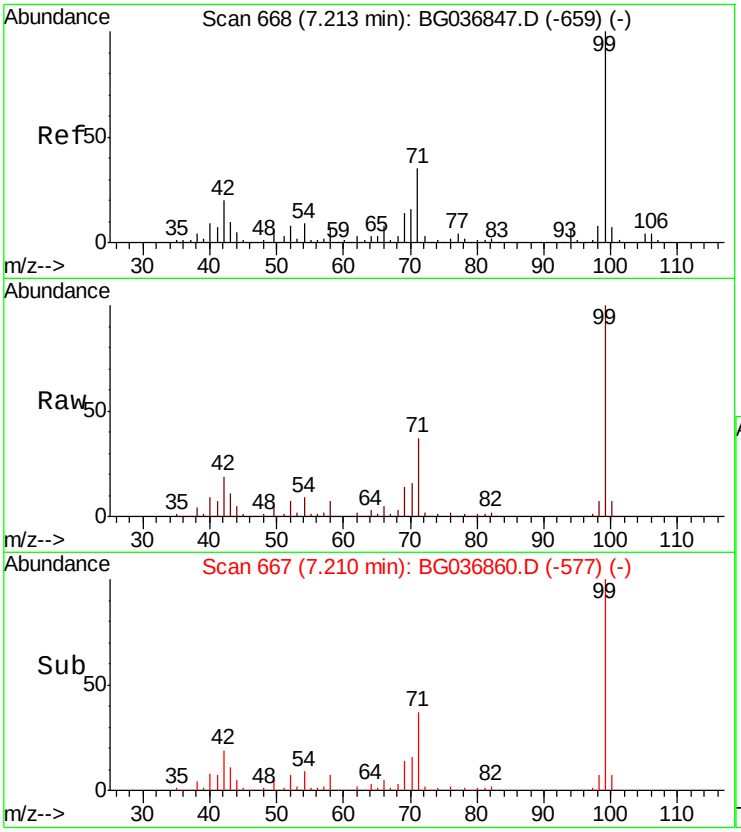


#5
2-Fluorophenol
Concen: 144.350 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion:112 Resp: 282342

Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	36.5	30.8	46.2



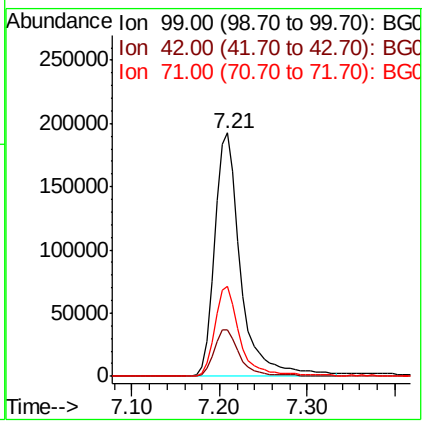


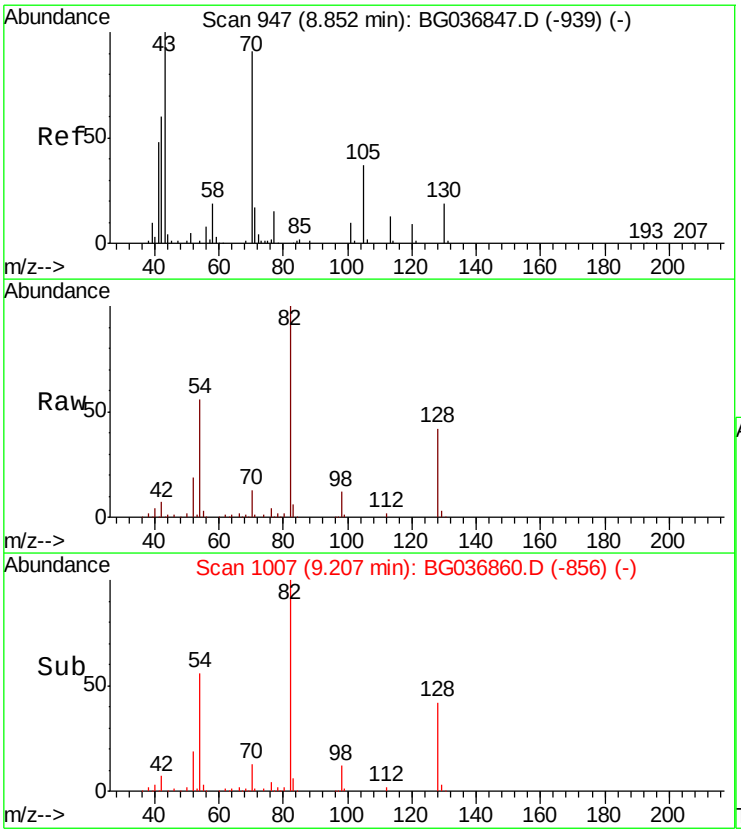
#7
Phenol-d6
Concen: 131.212 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 397073

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.5	24.7
71	37.0	29.4	44.2

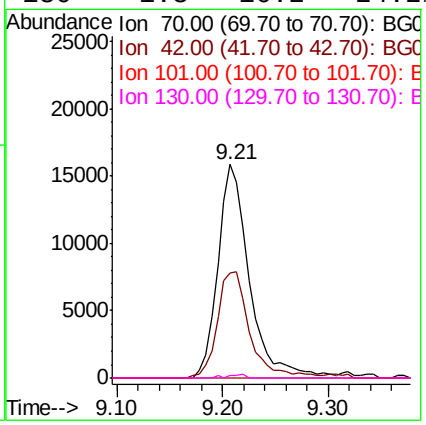


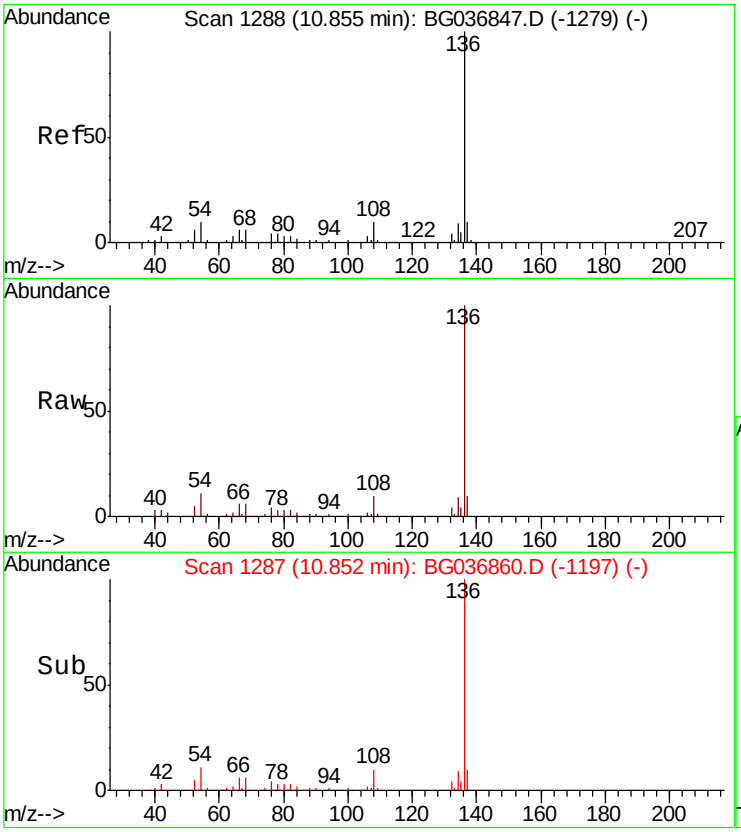


#19
n-Nitroso-di-n-propylamine
Concen: 13.023 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.36 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 70 Resp: 32784

Ion	Ratio	Lower	Upper
70	100		
42	49.0	56.2	84.4#
101	0.0	7.8	11.6#
130	1.3	16.2	24.2#



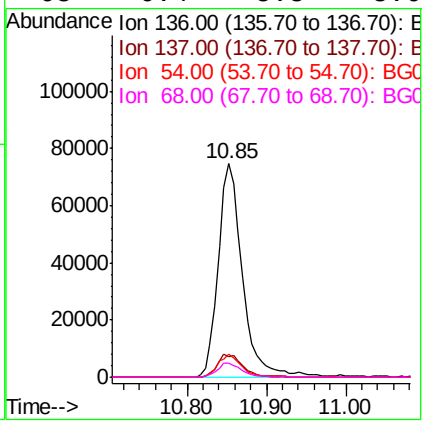


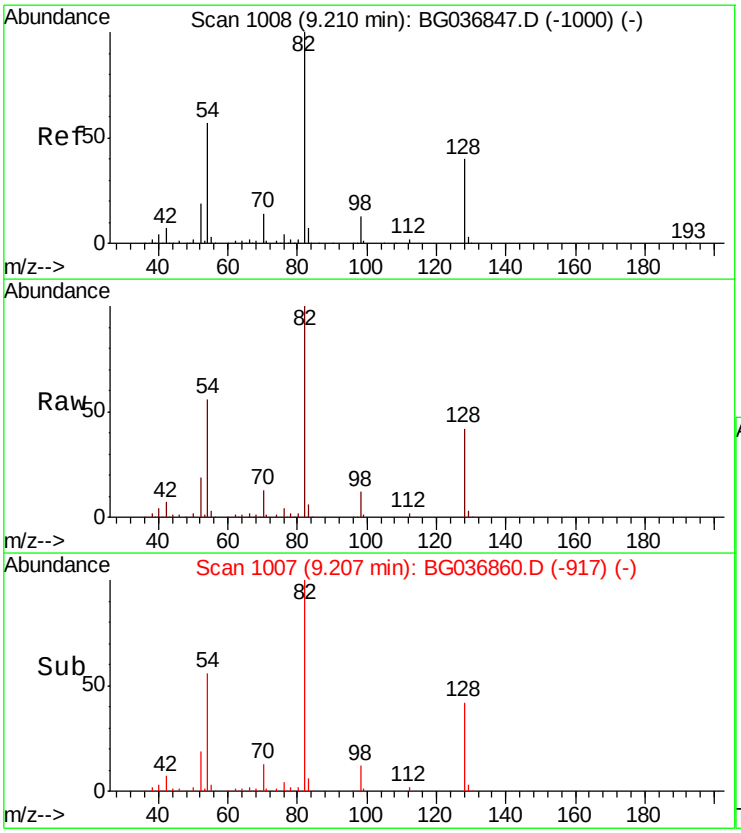
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 158562

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.8	13.2
54	10.8	9.2	13.8
68	6.4	5.8	8.6

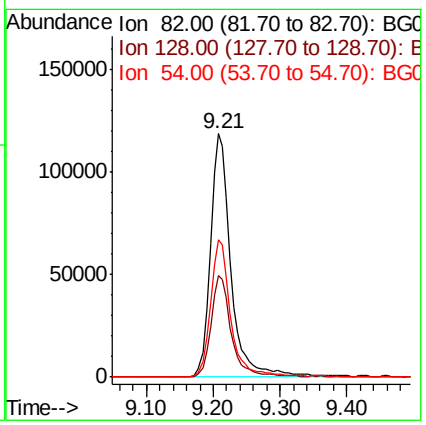


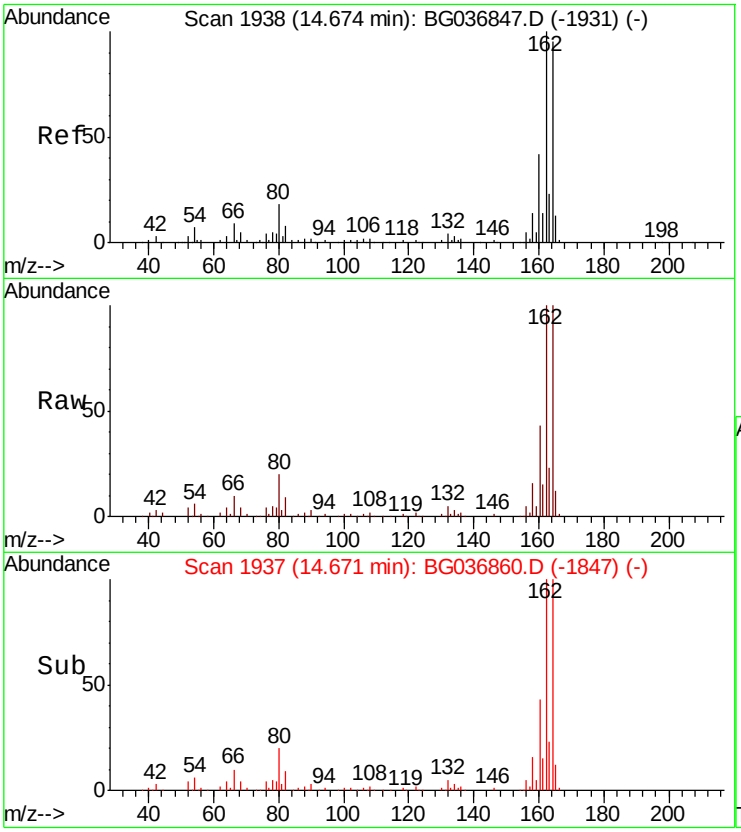


#23
Nitrobenzene-d5
Concen: 86.398 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 82 Resp: 255821

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	56.2	45.1	67.7



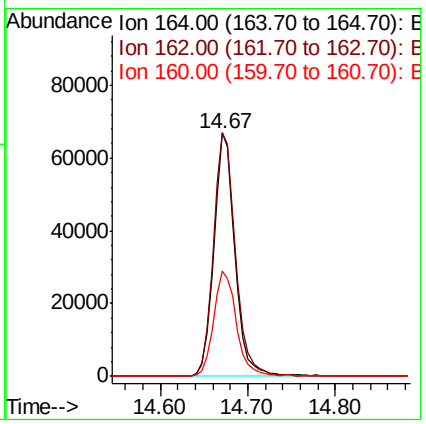


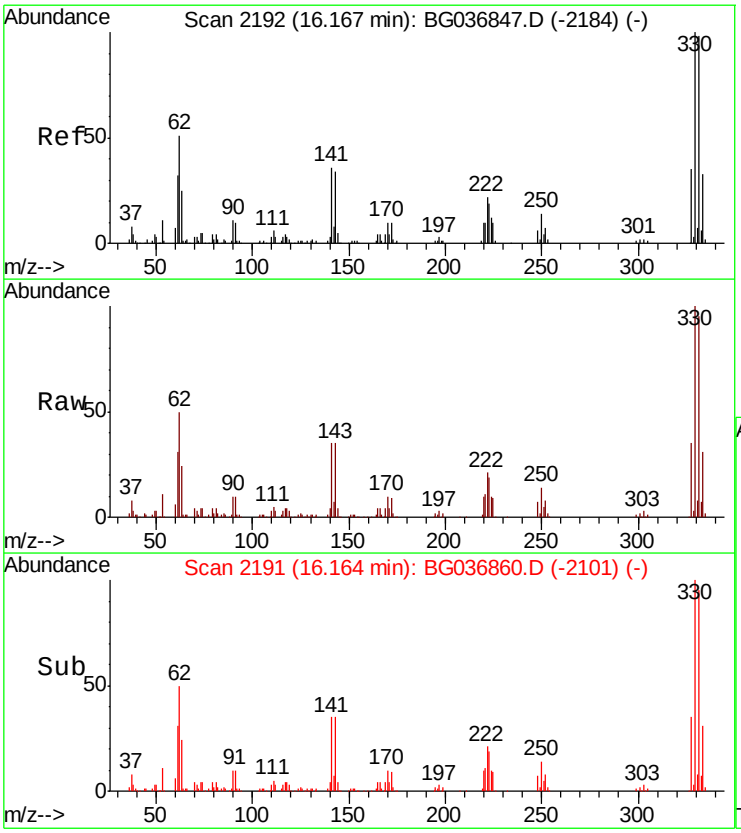
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 111541

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.7	121.1
160	43.5	35.3	52.9

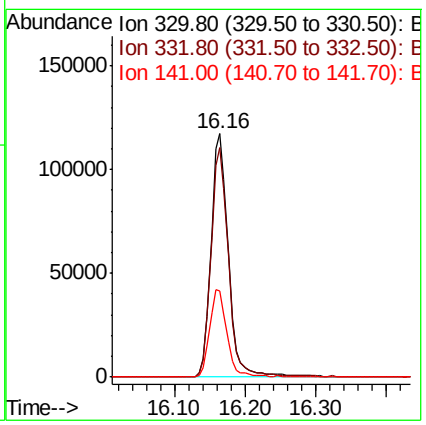


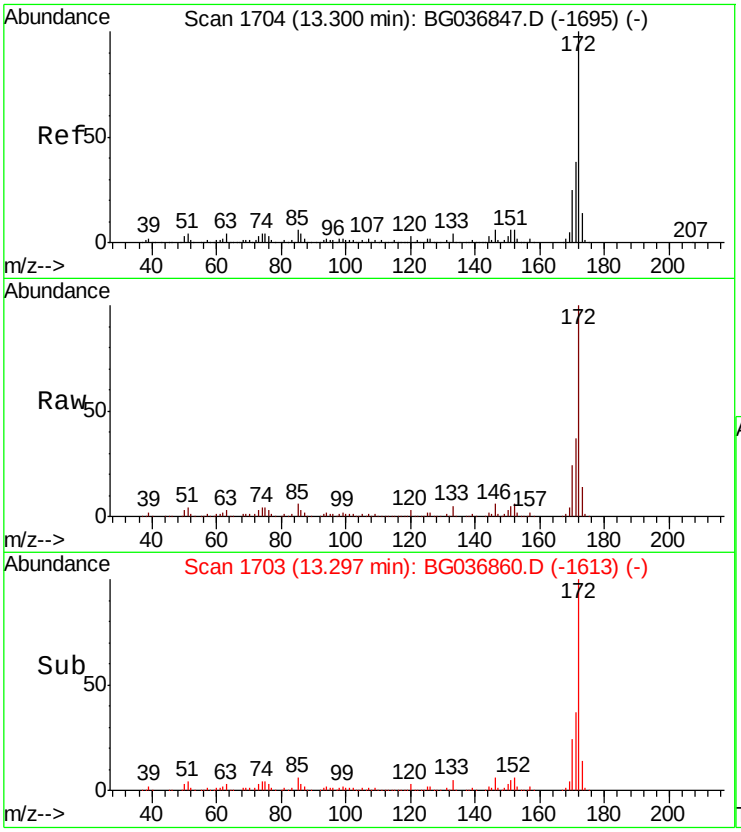


#41
2,4,6-Tribromophenol
Concen: 150.024 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion:330 Resp: 200210

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	36.0	30.7	46.1



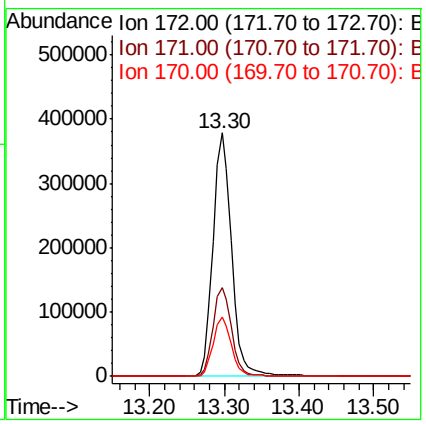


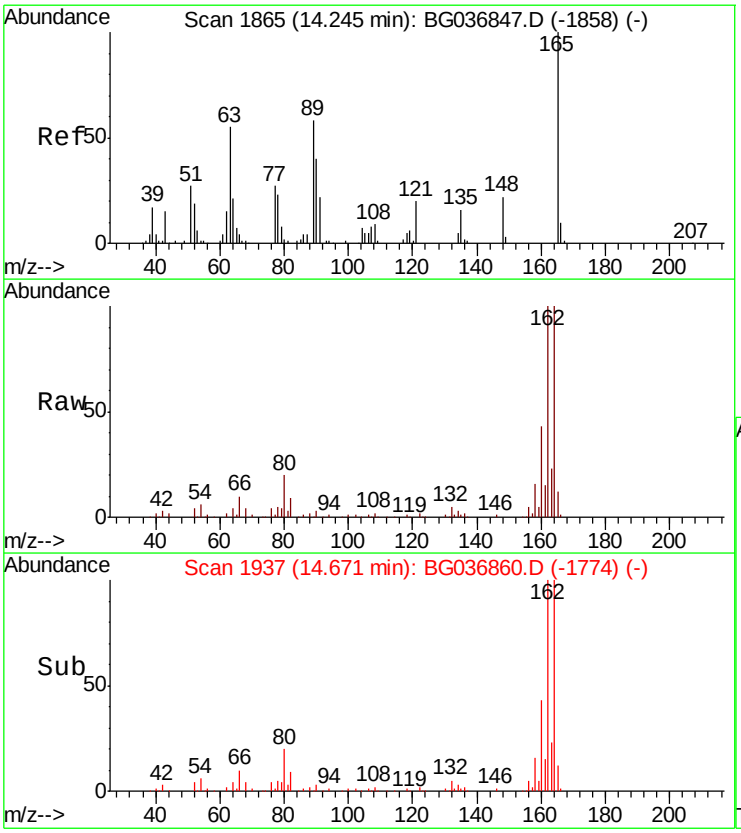
#44
2-Fluorobiphenyl
Concen: 87.391 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 654475

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.3	46.9
170	24.4	21.0	31.6

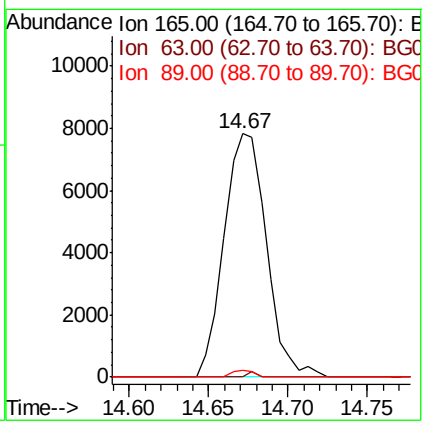


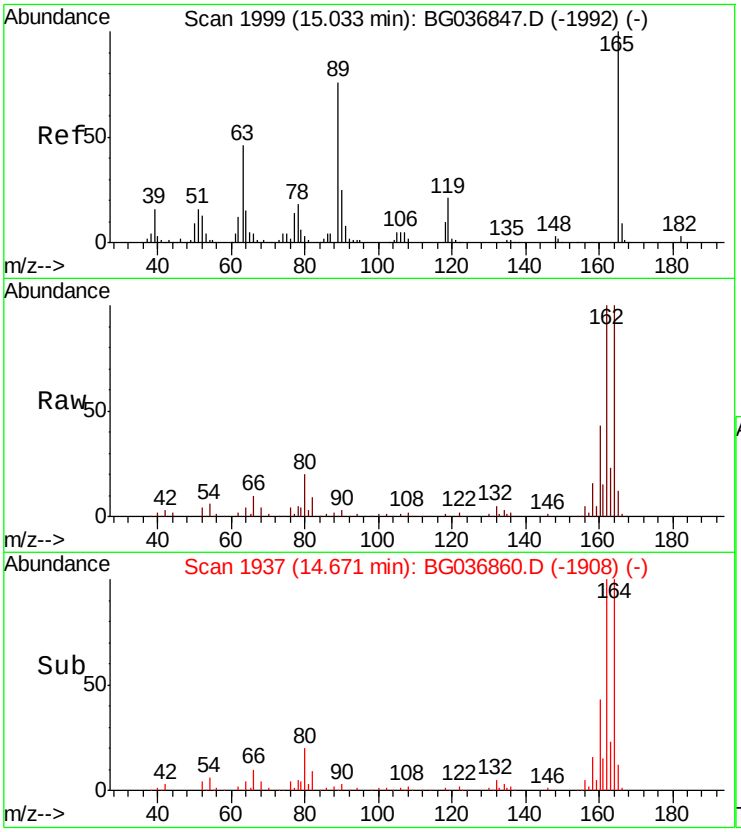


#50
2,6-Dinitrotoluene
Concen: 7.378 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.43 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion:165 Resp: 14452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.6	47.8	71.6#



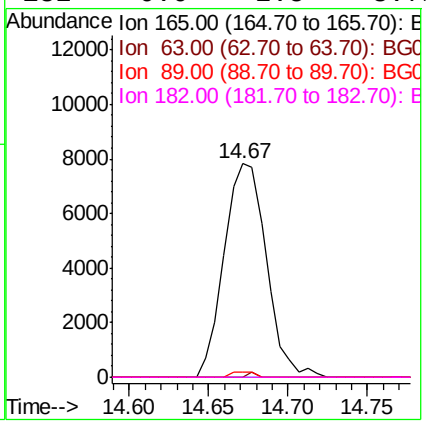


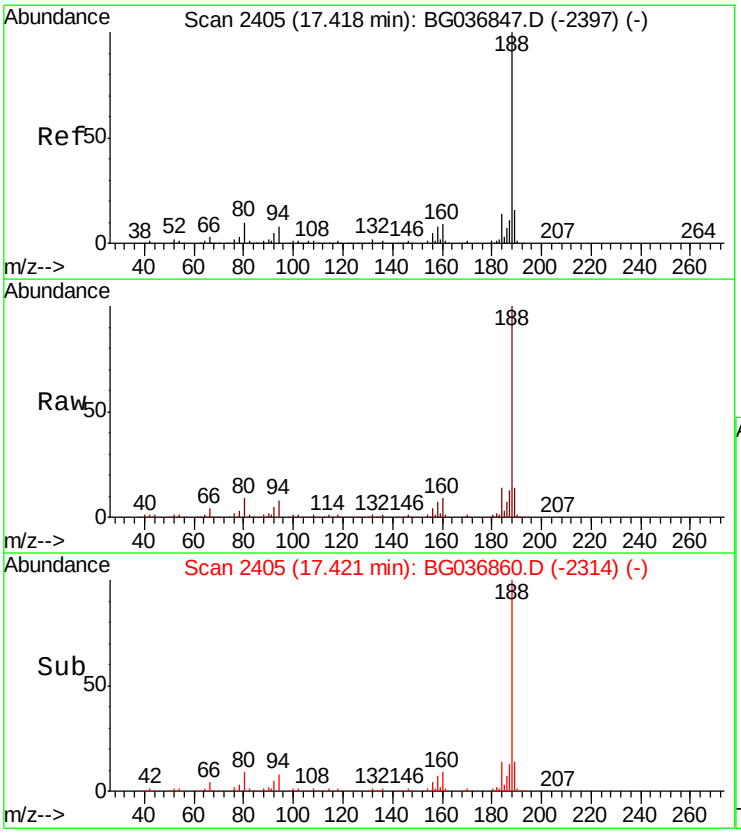
#56
2,4-Dinitrotoluene
Concen: 5.287 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#

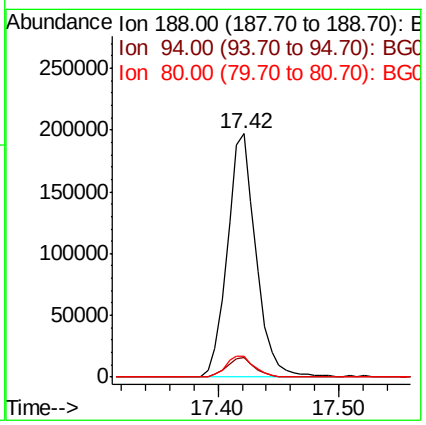


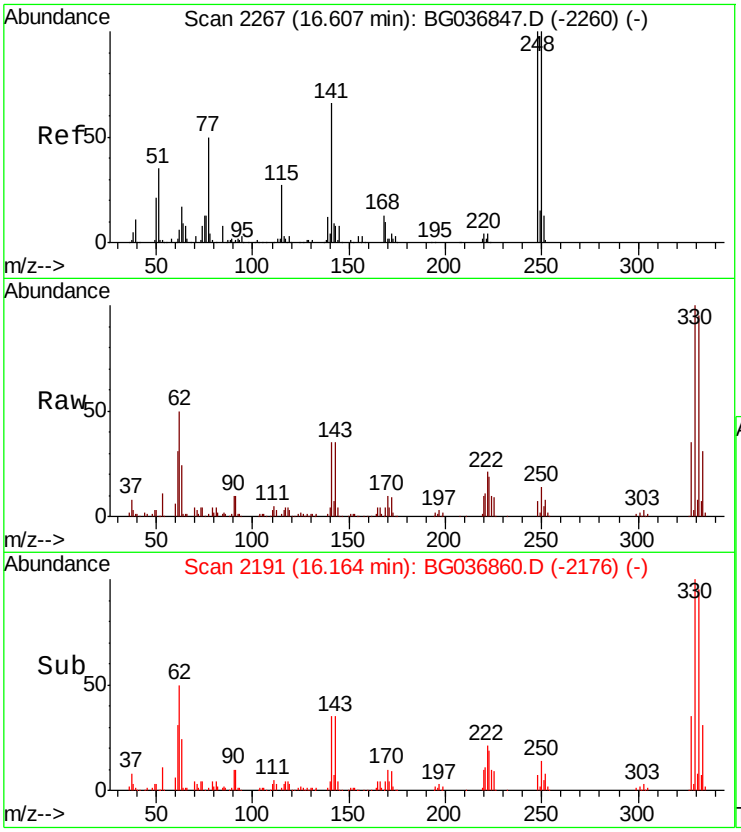


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion:188 Resp: 323956

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.6	8.1	12.1



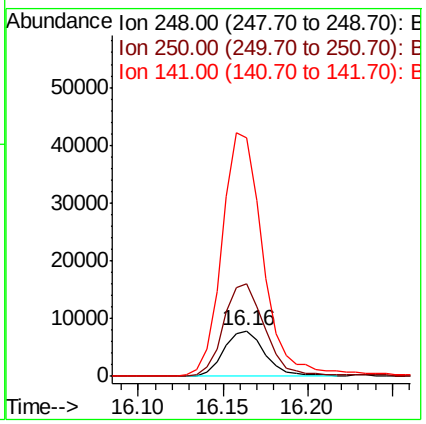


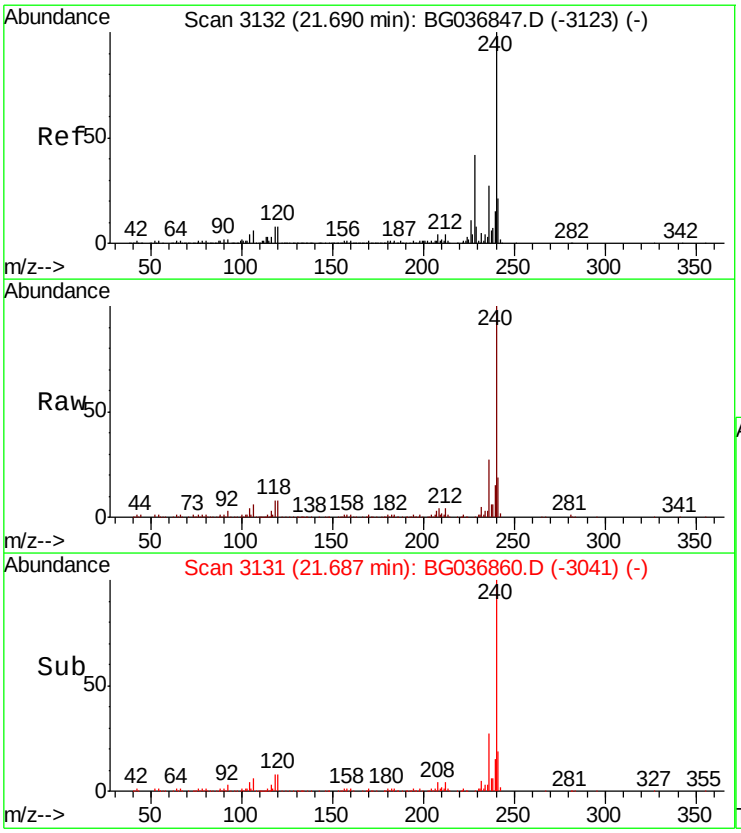
#66
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.44 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13319

Ion	Ratio	Lower	Upper
248	100		
250	203.4	78.1	117.1#
141	525.9	53.7	80.5#

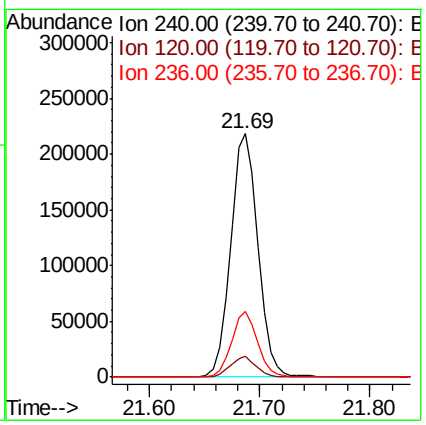


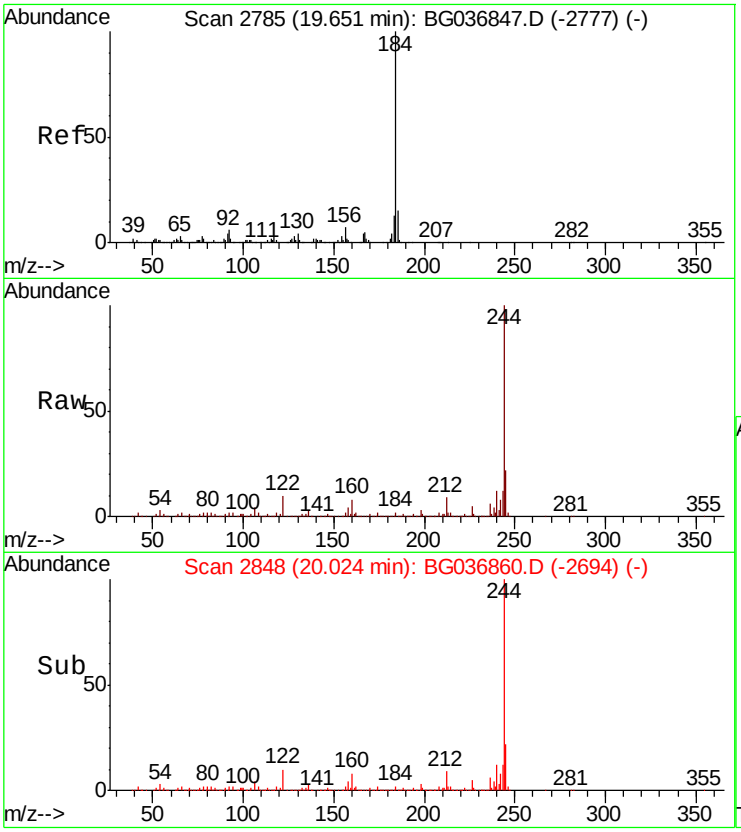


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion:240 Resp: 377380

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.7	21.2	31.8



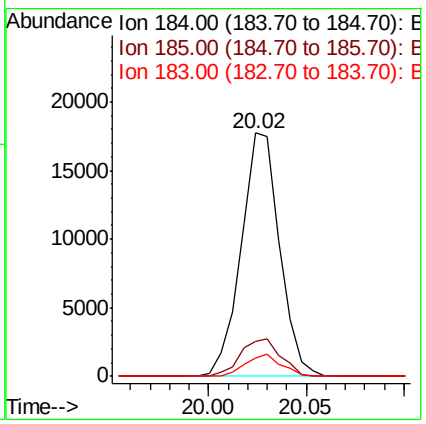


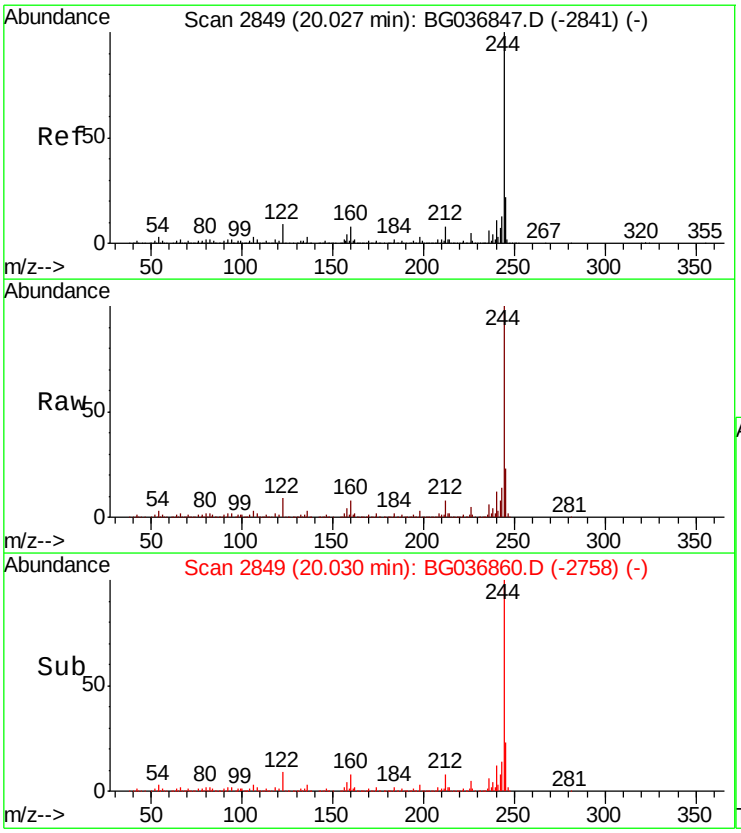
#76
Benzidine
Concen: 2.113 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24104

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	7.6	10.9	16.3#

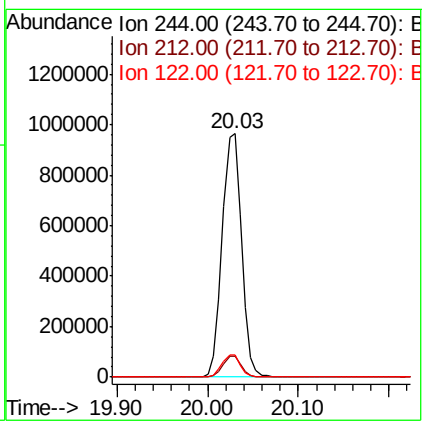


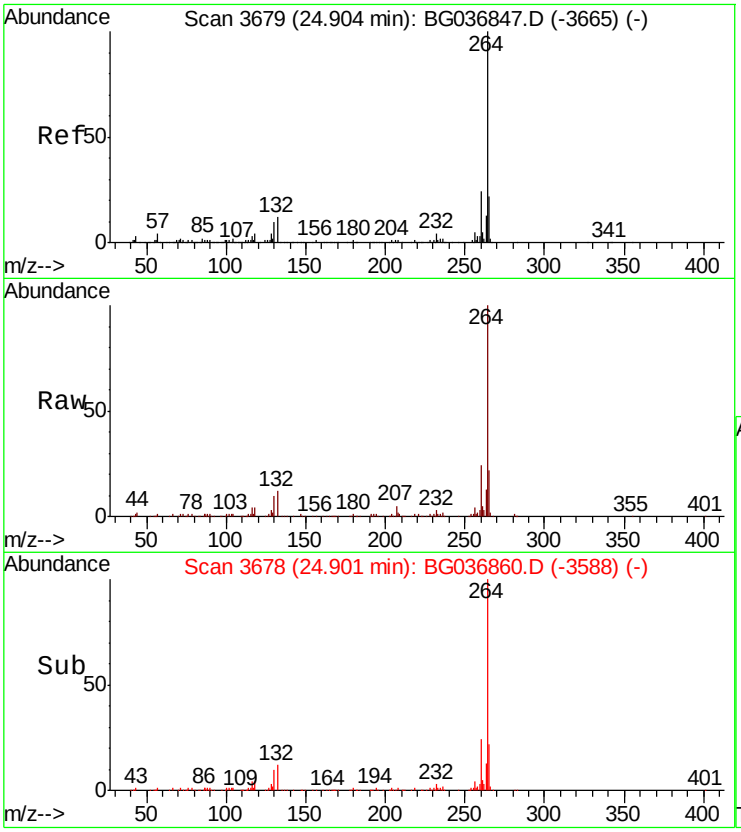


#78
Terphenyl-d14
Concen: 99.583 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion:244 Resp: 1429195

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.0	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 364938

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.7	17.4	26.0