Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038760.D
Acq On : 20 Dec 2018 12:53
Operator : JU/SJ
Sample : J6445-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 20 15:26:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28466	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	112254	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	77456	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	188926	20.00	ng		0.00
76) Chrysene-d12	21.72	240	191581	20.00	ng		0.00
87) Perylene-d12	25.02	264	204749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	185048	115.30	ng		0.00
7) Phenol-d6	7.21	99	252120	114.43	ng		0.00
23) Nitrobenzene-d5	9.23	82	156474	71.21	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	125341	117.42	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	408264	72.31	ng		0.00
79) Terphenyl-d14	20.04	244	751528	85.37	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	15717	6.715	ng		89
19) n-Nitroso-di-n-propylamine	9.23	70	21342	13.792	ng	#	65
50) Dimethylphthalate	14.14	163	34794	5.501	ng		99
51) 2,6-Dinitrotoluene	14.69	165	10169	7.094	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	10169	5.037	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	8234	3.569	ng	#	1
77) Benzidine	20.04	184	12477	2.202	ng		98

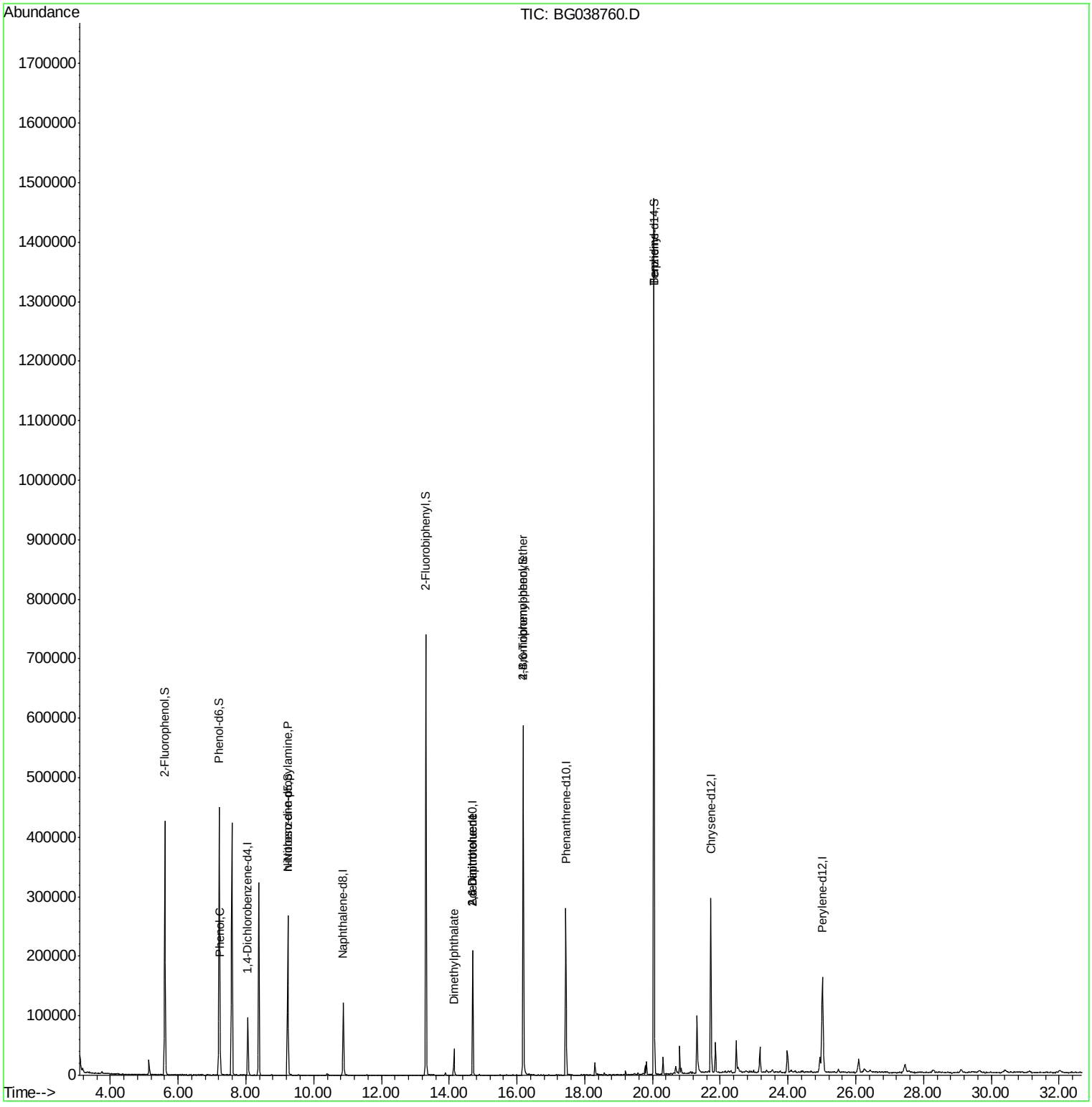
(#) = qualifier out of range (m) = manual integration (+) = signals summed

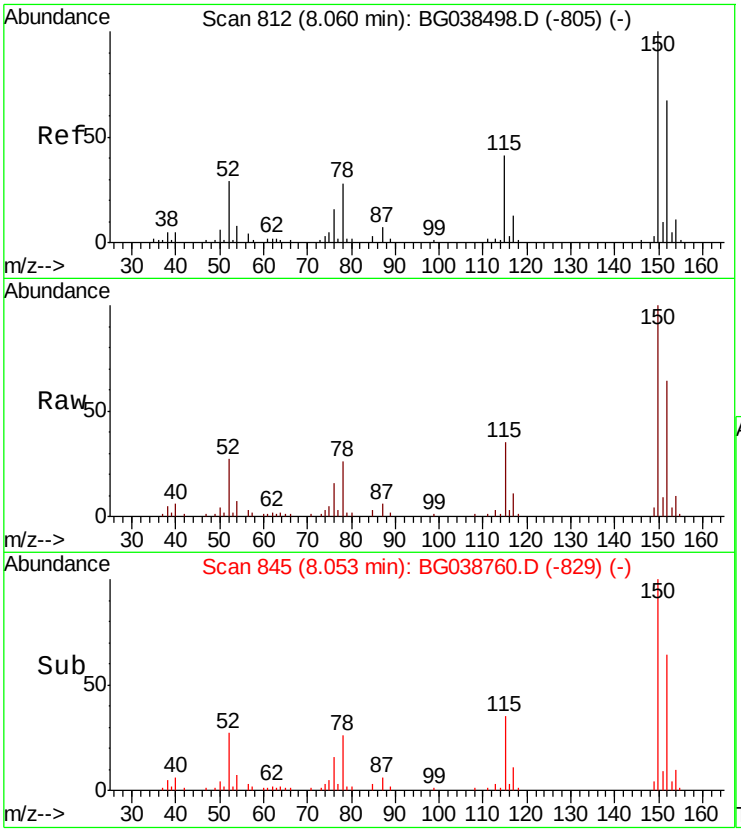
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038760.D
Acq On : 20 Dec 2018 12:53
Operator : JU/SJ
Sample : J6445-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 15:26:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



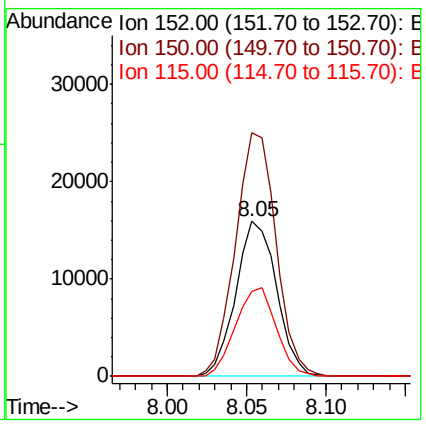


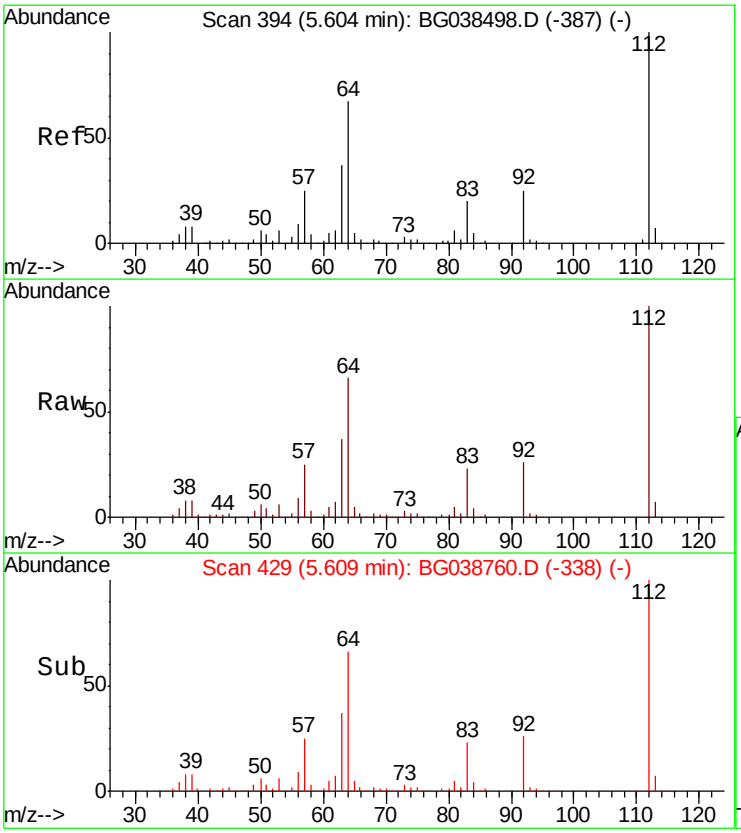
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 28466

Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.5	179.3
115	55.0	49.6	74.4

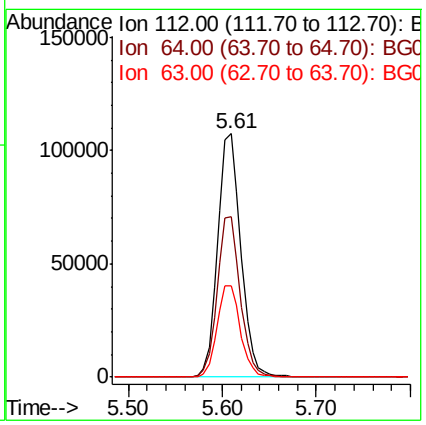


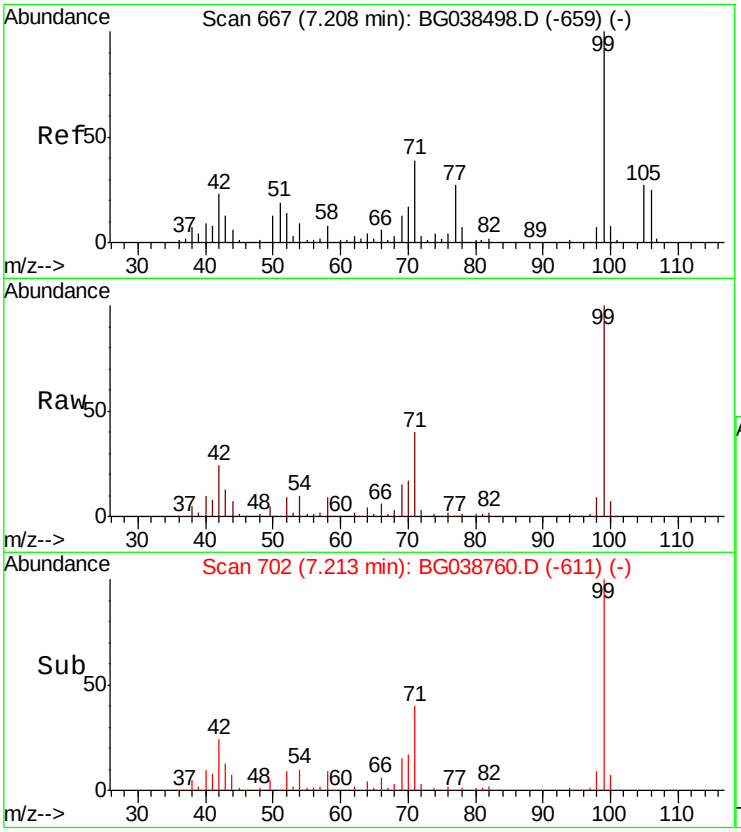


#5
2-Fluorophenol
Concen: 115.299 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:112 Resp: 185048

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.4	80.2
63	37.3	29.3	43.9



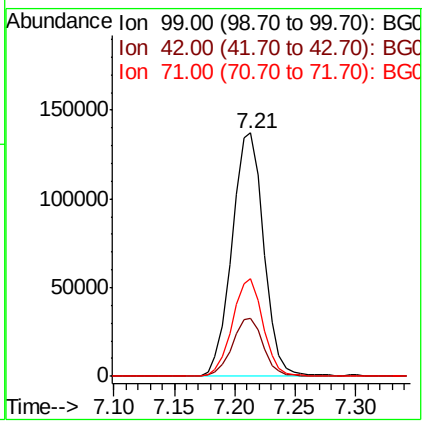


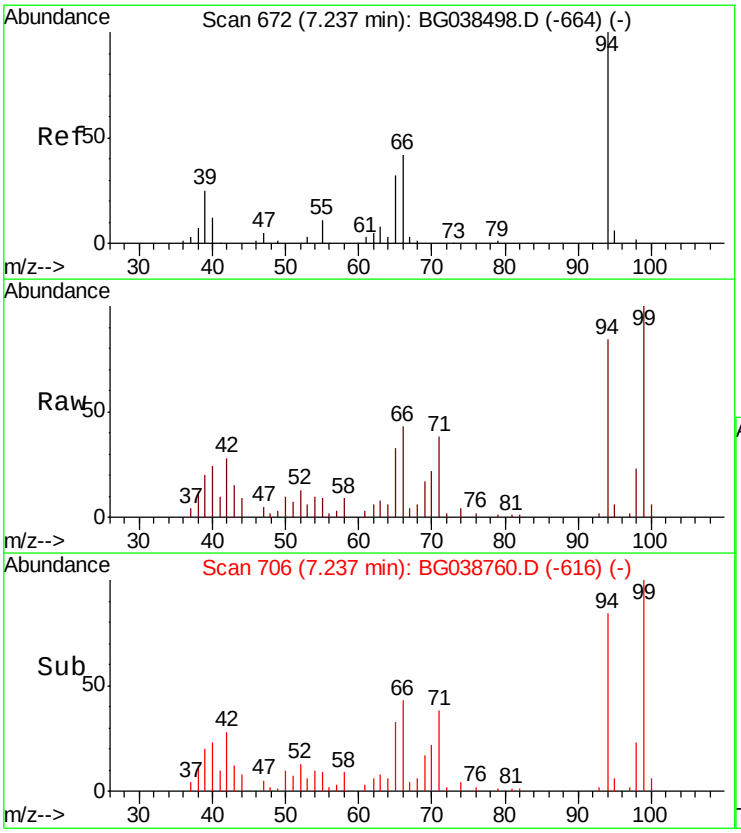
#7
Phenol-d6
Concen: 114.430 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 252120

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	40.3	31.1	46.7

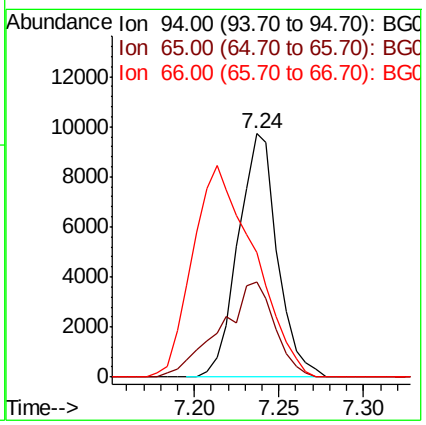


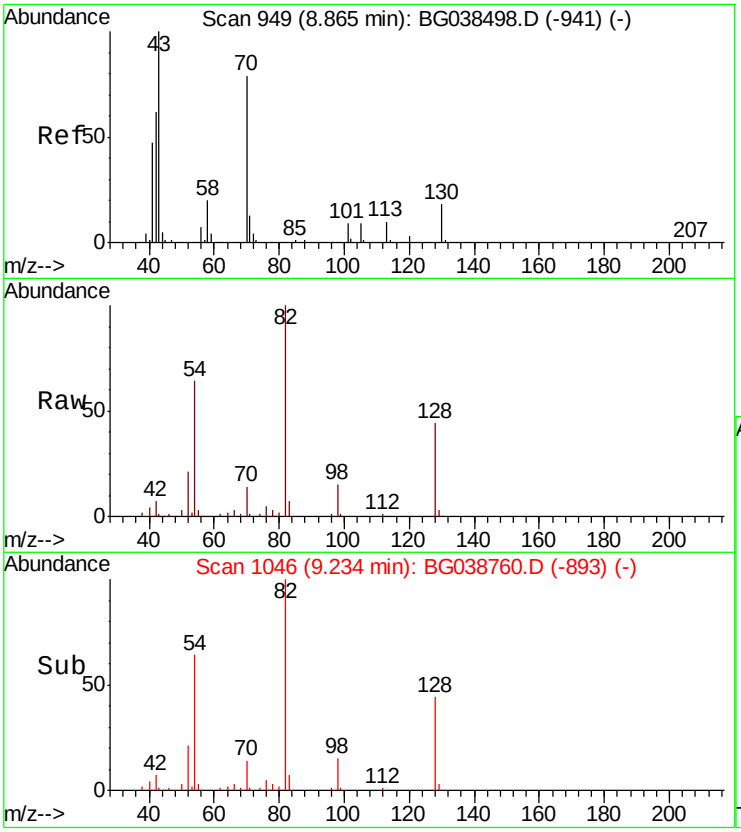


#10
Phenol
Concen: 6.715 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion: 94 Resp: 15717

Ion	Ratio	Lower	Upper
94	100		
65	39.1	12.6	52.6
66	51.2	24.1	64.1



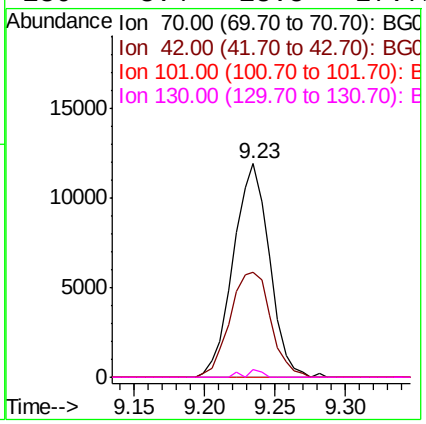


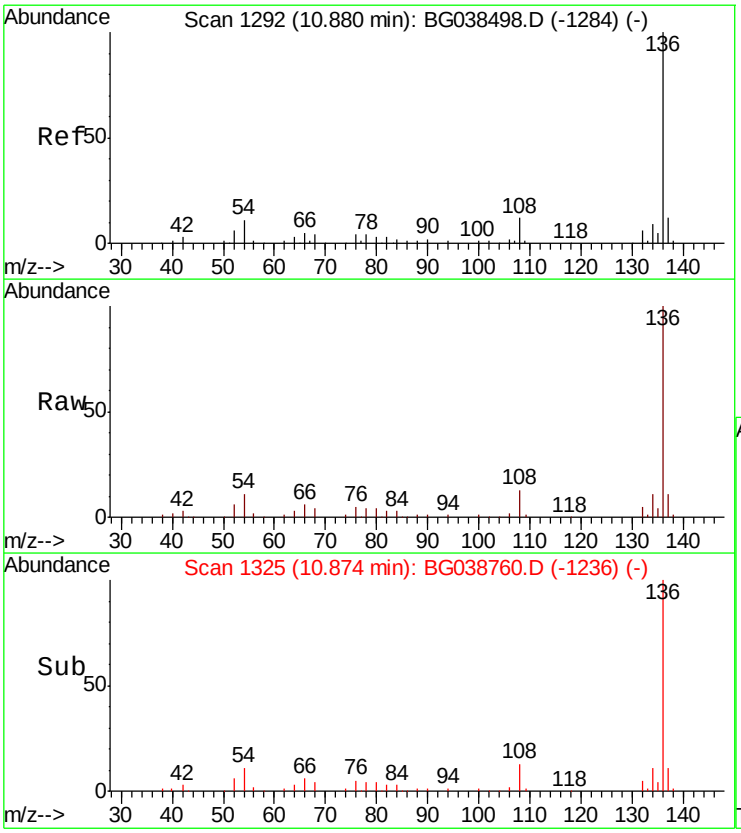
#19
n-Nitroso-di-n-propylamine
Concen: 13.792 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21342

Ion	Ratio	Lower	Upper
70	100		
42	49.4	63.6	95.4#
101	0.0	9.2	13.8#
130	3.4	18.5	27.7#

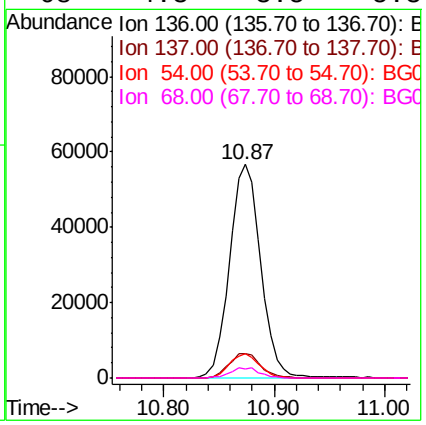


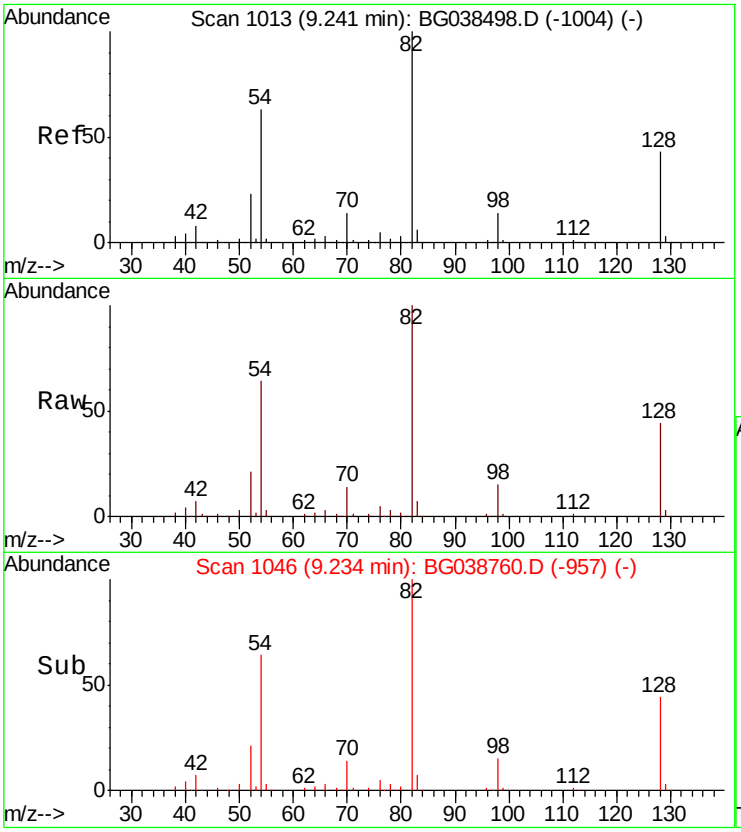


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:136 Resp: 112254

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	11.2	8.5	12.7
68	4.3	3.5	5.3



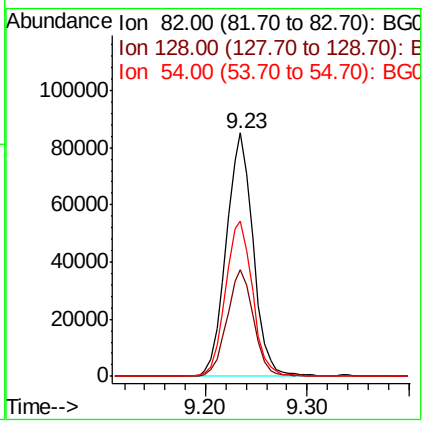


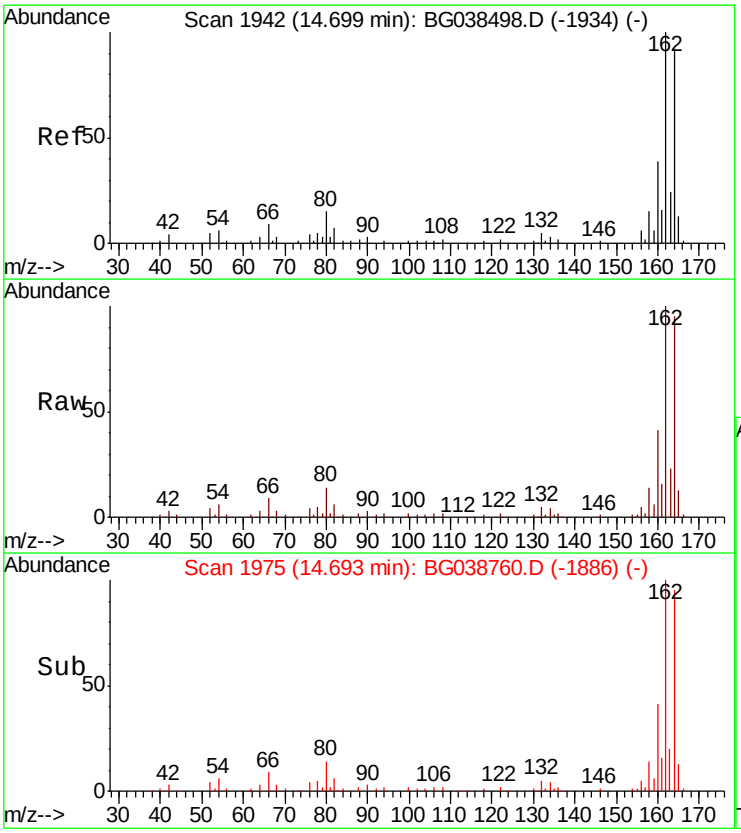
#23
Nitrobenzene-d5
Concen: 71.212 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 156474

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	64.0	50.6	76.0

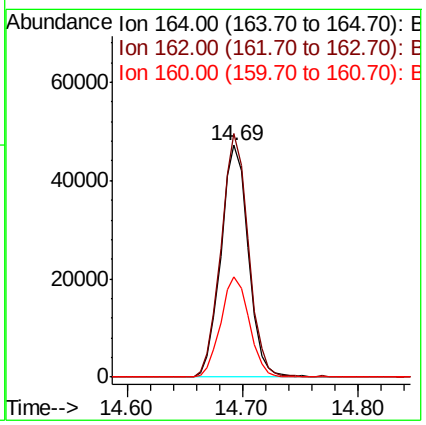


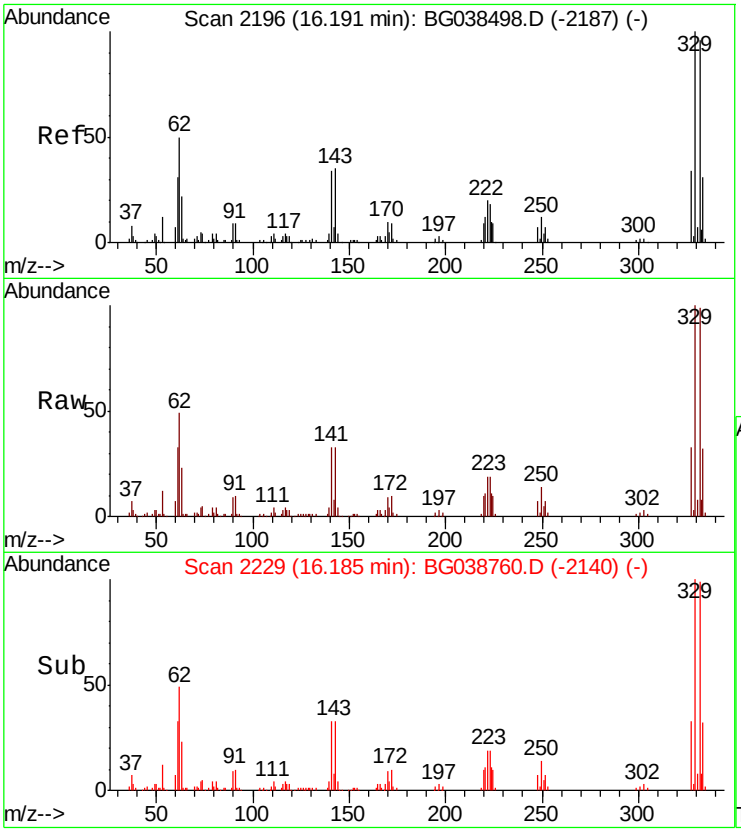


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:164 Resp: 77456

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.6	130.0
160	43.4	34.2	51.2



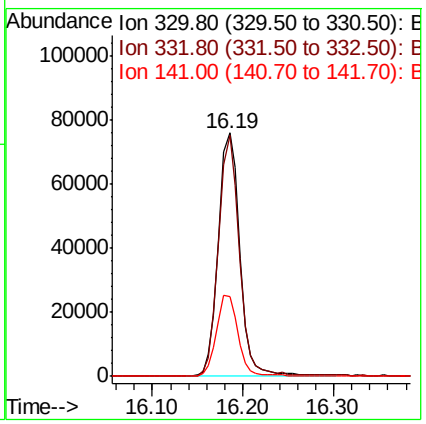


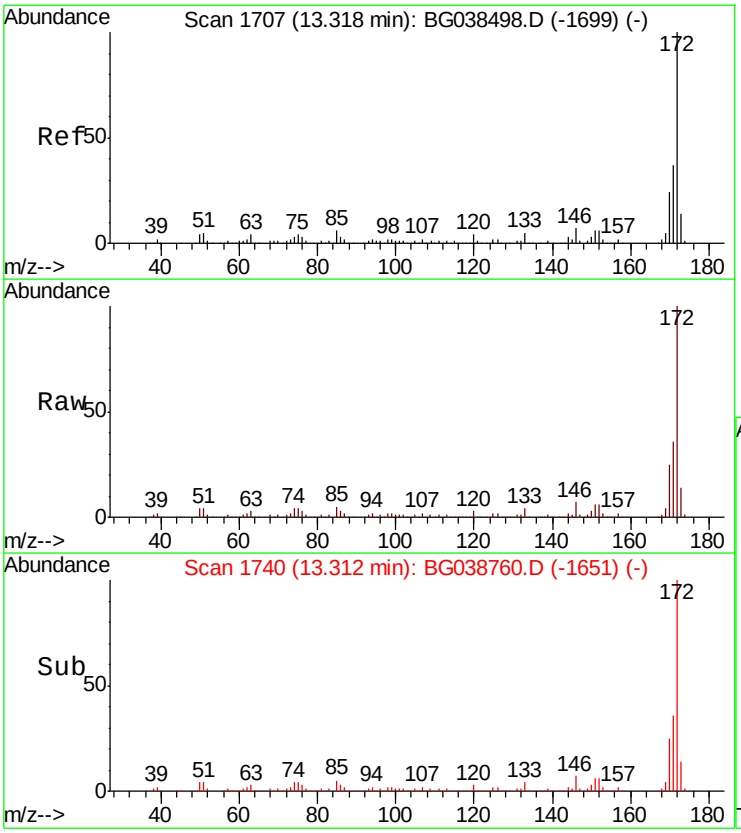
#42
2,4,6-Tribromophenol
Concen: 117.417 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 125341

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	33.5	28.8	43.2

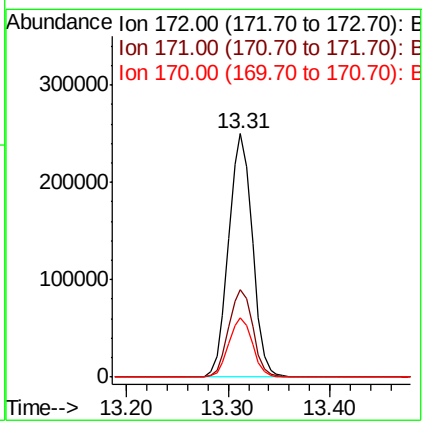


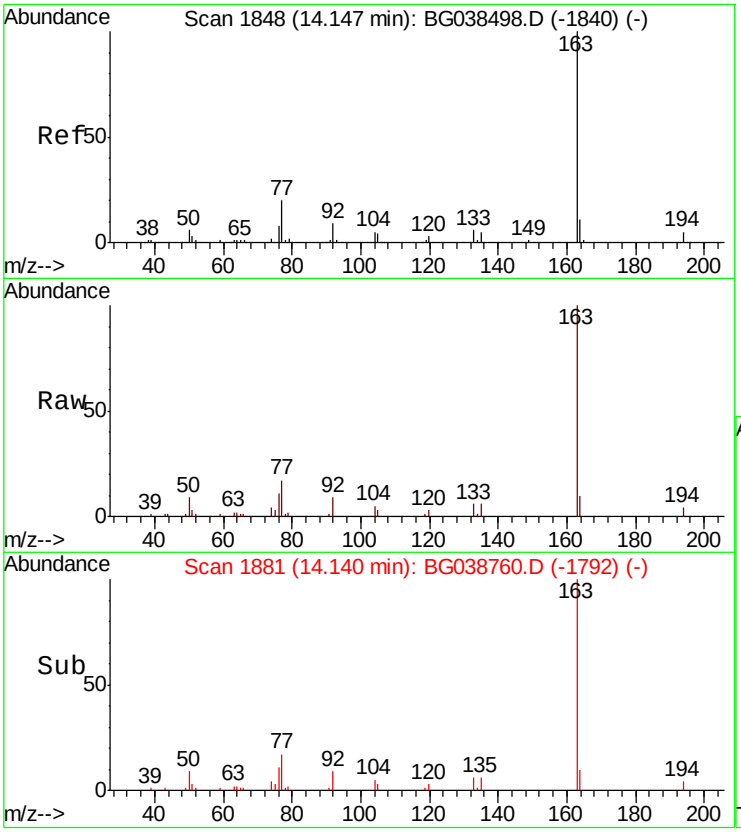


#45
2-Fluorobiphenyl
Concen: 72.309 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:172 Resp: 408264

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.6	19.5	29.3



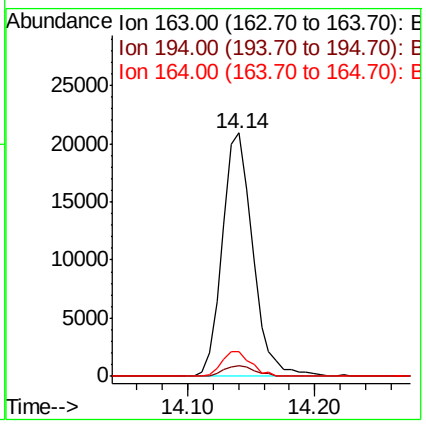


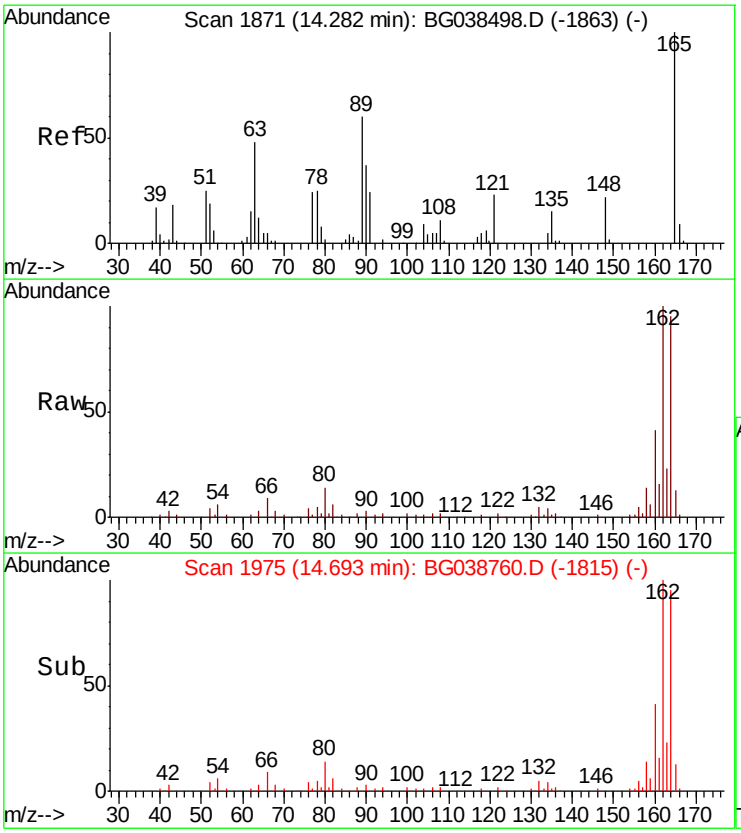
#50
Dimethylphthalate
Concen: 5.501 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 34794

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.2	8.6	12.8

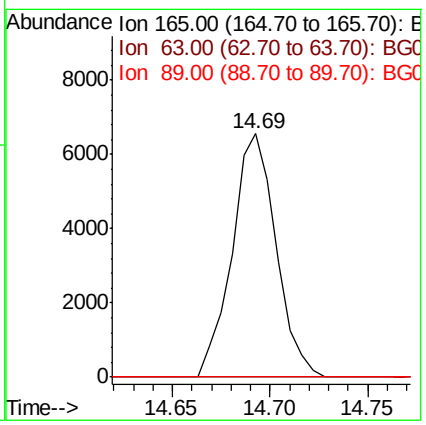


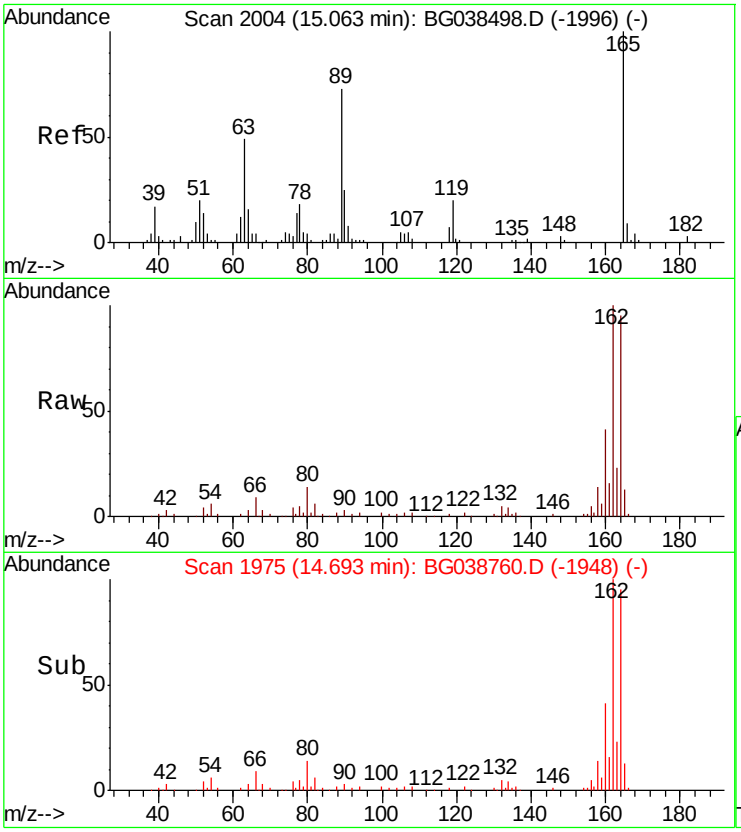


#51
2,6-Dinitrotoluene
Concen: 7.094 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:165 Resp: 10169

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



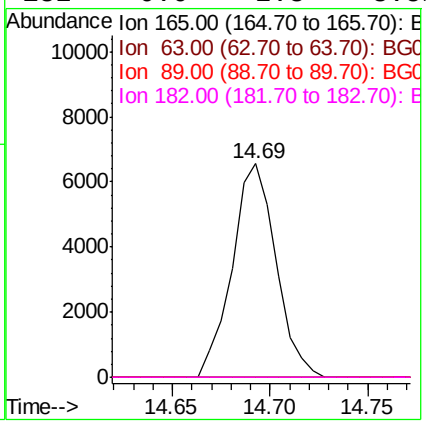


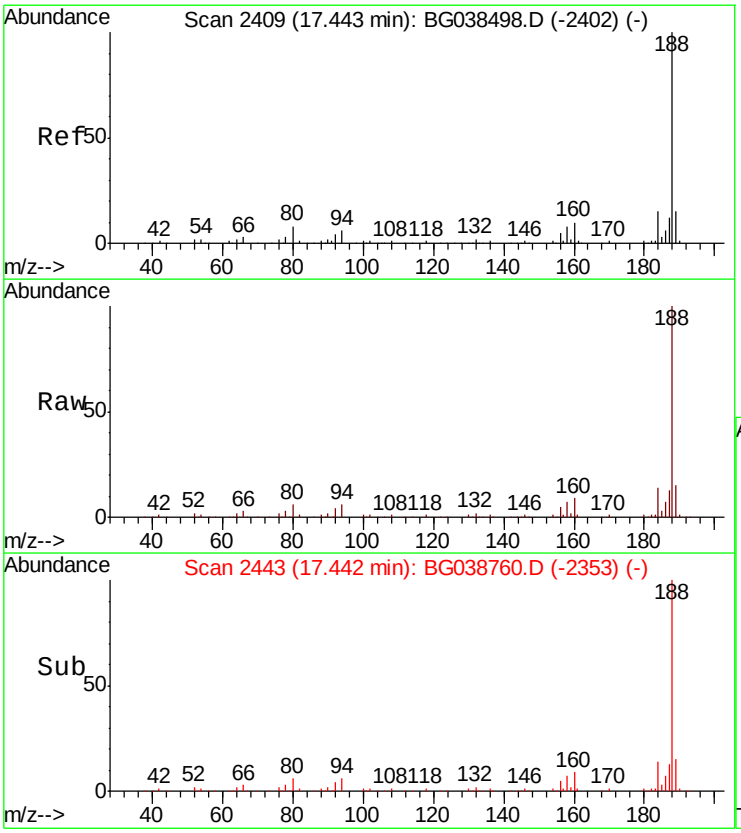
#57
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10169

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

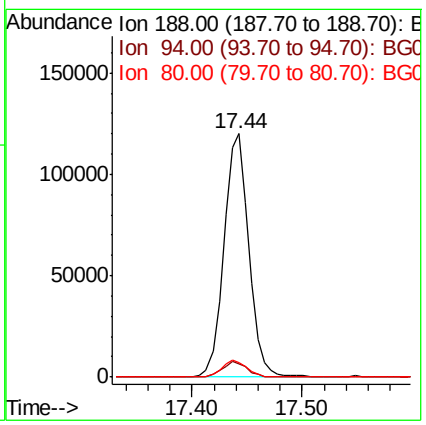


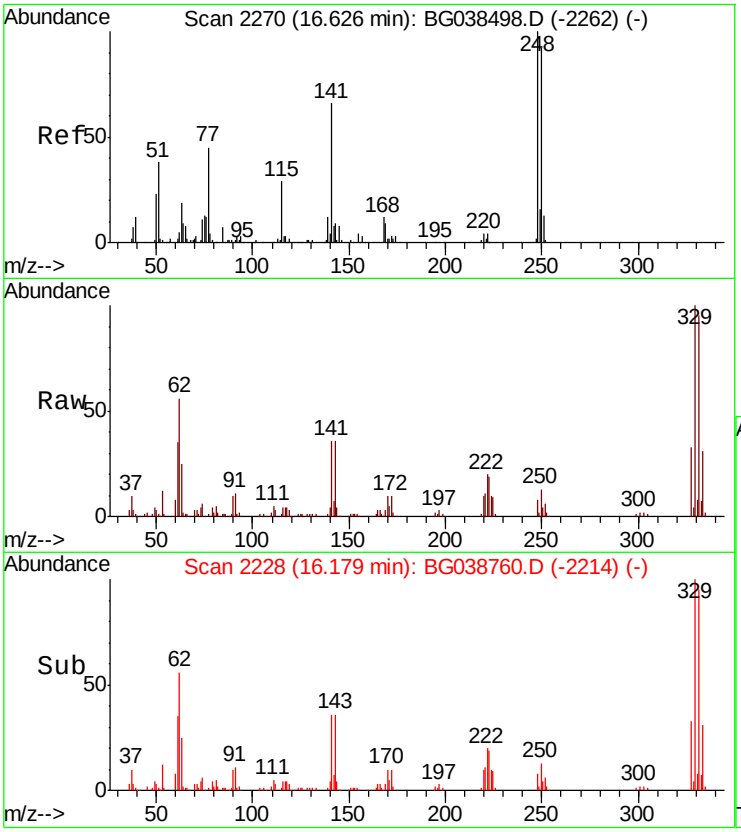


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:188 Resp: 188926

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.1	7.7
80	5.8	6.1	9.1#



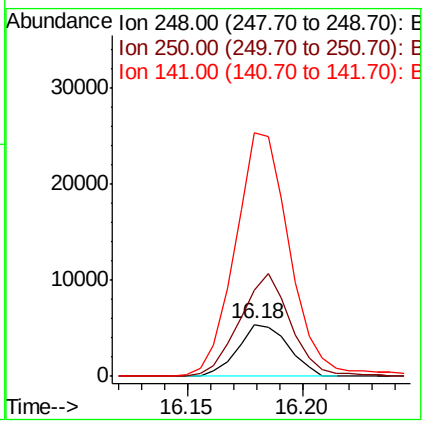


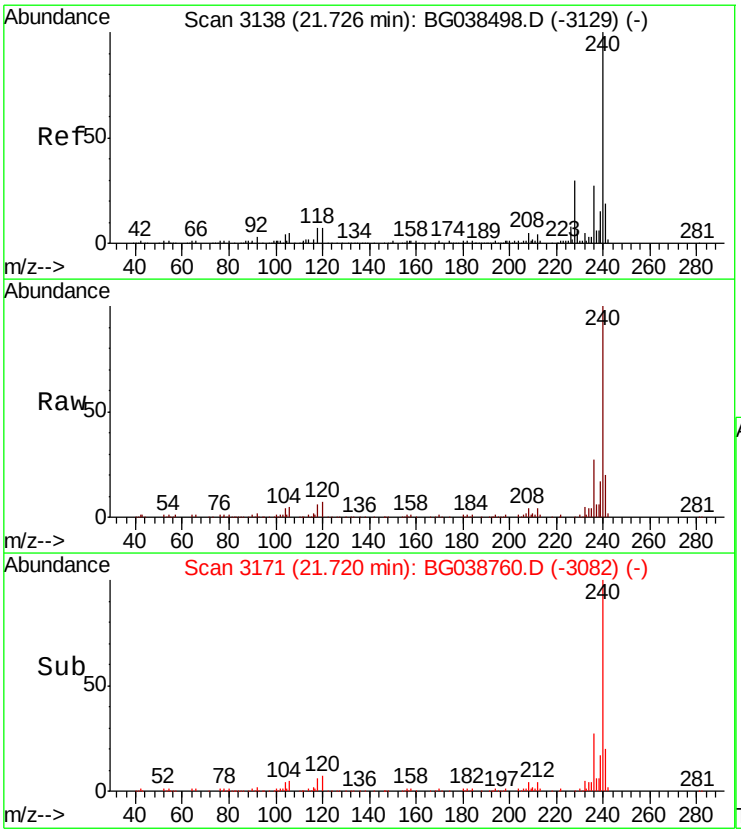
#67
4-Bromophenyl-phenylether
Concen: 3.569 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8234

Ion	Ratio	Lower	Upper
248	100		
250	168.6	73.4	110.2#
141	358.4	52.9	79.3#

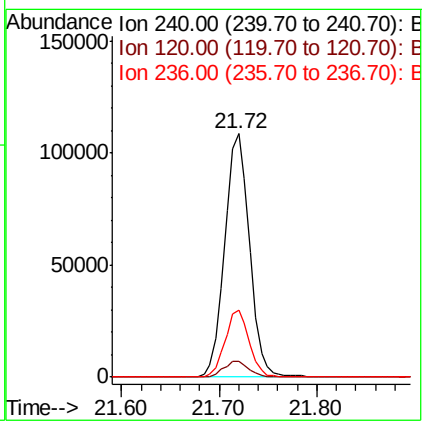


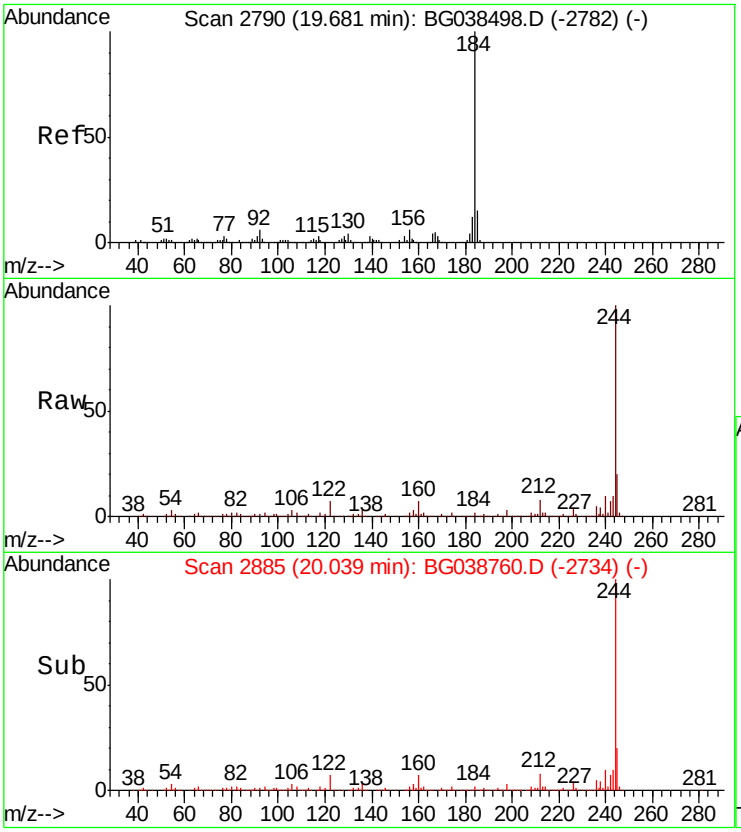


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:240 Resp: 191581

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.3	7.9
236	27.3	21.4	32.2



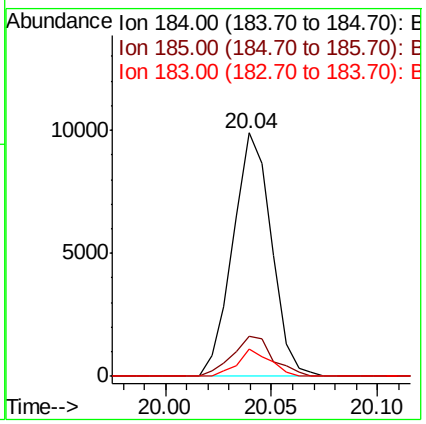


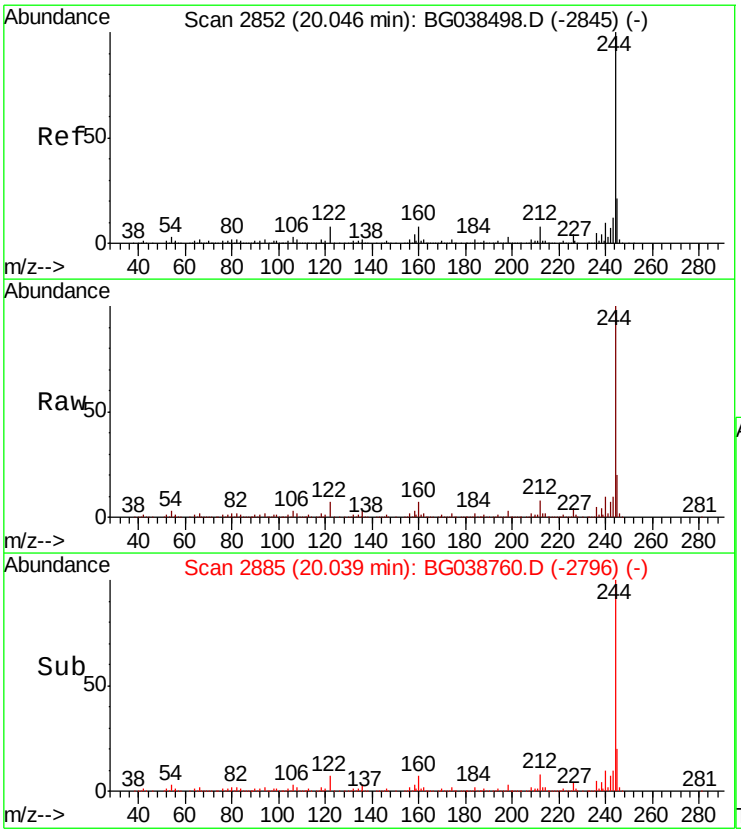
#77
Benzidine
Concen: 2.202 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 12477

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	11.1	9.6	14.4

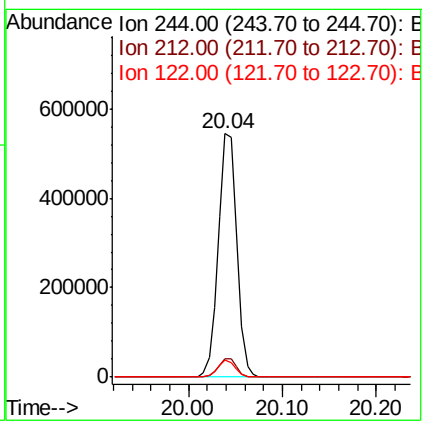


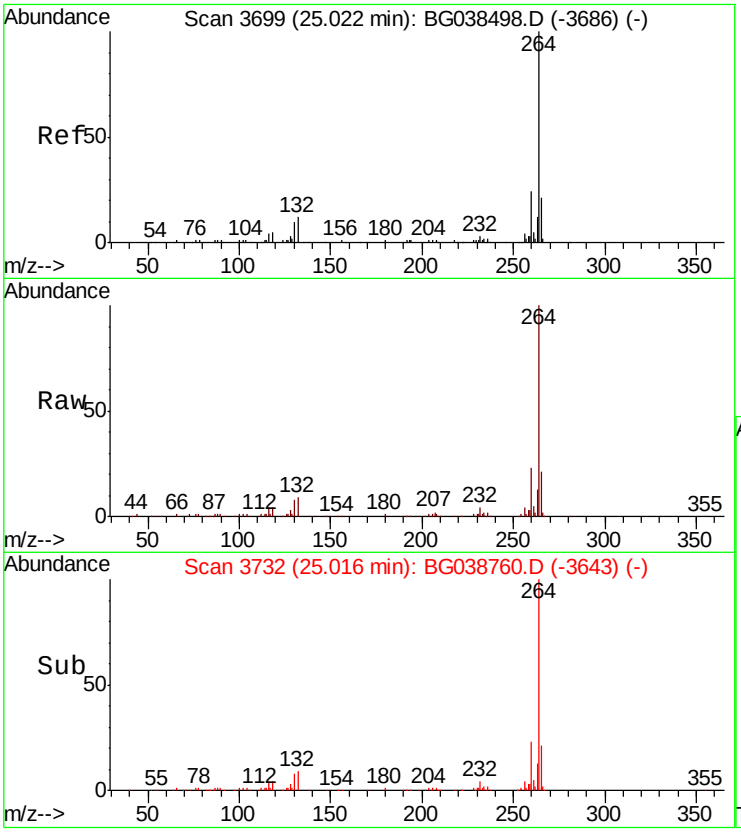


#79
Terphenyl-d14
Concen: 85.373 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Tgt Ion:244 Resp: 751528

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.1	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038760.D
Acq: 20 Dec 2018 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 204749

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	21.0	17.0	25.4