Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038890.D
Acq On : 29 Dec 2018 1:42
Operator : JU/SJ
Sample : PB116060TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 29 04:33:45 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	21732	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90814	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69851	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	181334	20.00	ng	0.00
76) Chrysene-d12	21.72	240	192892	20.00	ng	0.00
87) Perylene-d12	25.02	264	201649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	180445	147.27	ng	0.00
7) Phenol-d6	7.22	99	254506	151.31	ng	0.01
23) Nitrobenzene-d5	9.23	82	138967	78.18	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	82001	85.18	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	417611	82.02	ng	0.00
79) Terphenyl-d14	20.04	244	829358	93.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	18324	15.511	ng	# 66
51) 2,6-Dinitrotoluene	14.69	165	9012	6.972	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	9012	4.950	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	5020	2.267	ng	# 1
77) Benzidine	20.04	184	13656	2.394	ng	# 95

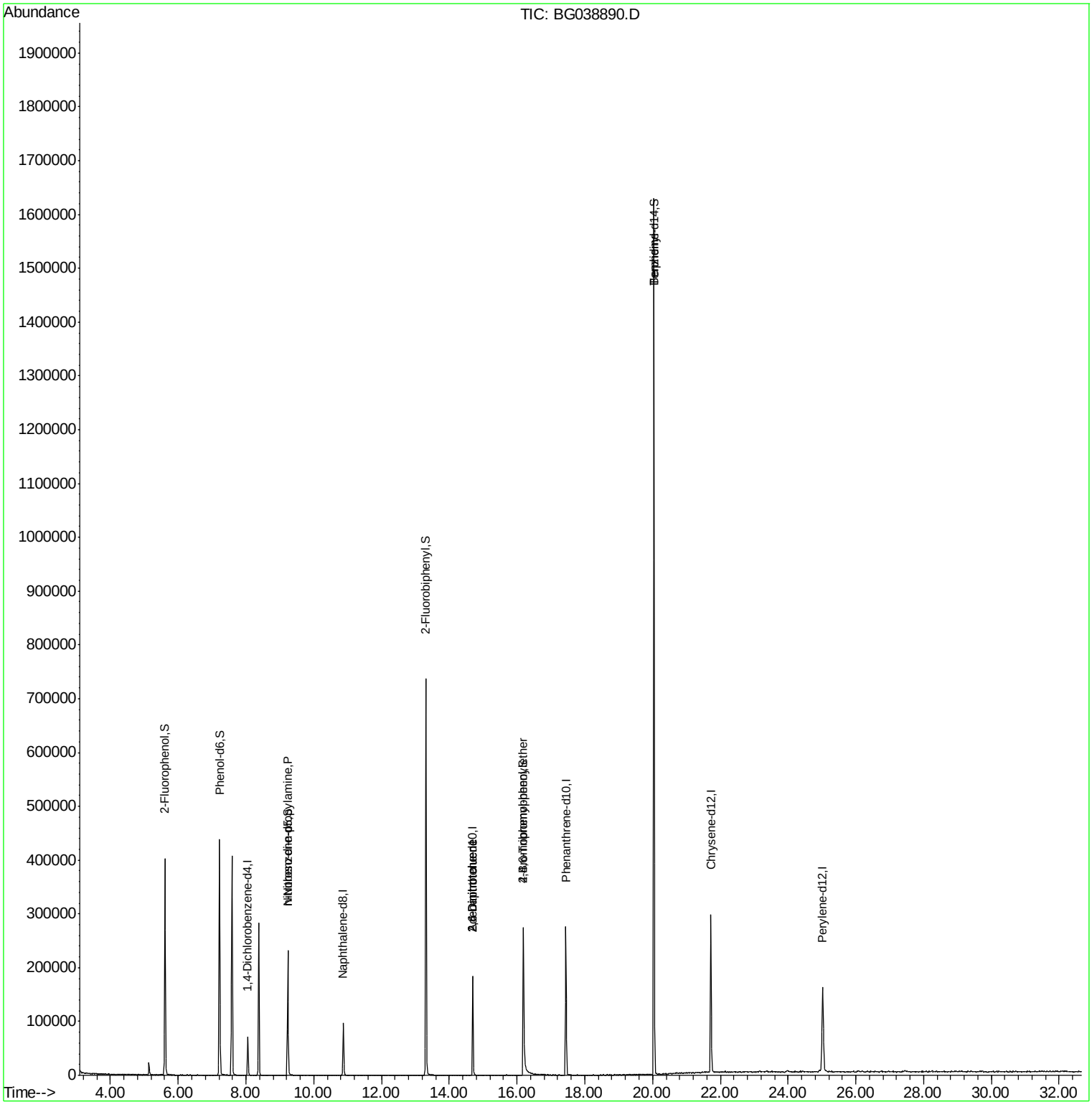
(#) = qualifier out of range (m) = manual integration (+) = signals summed

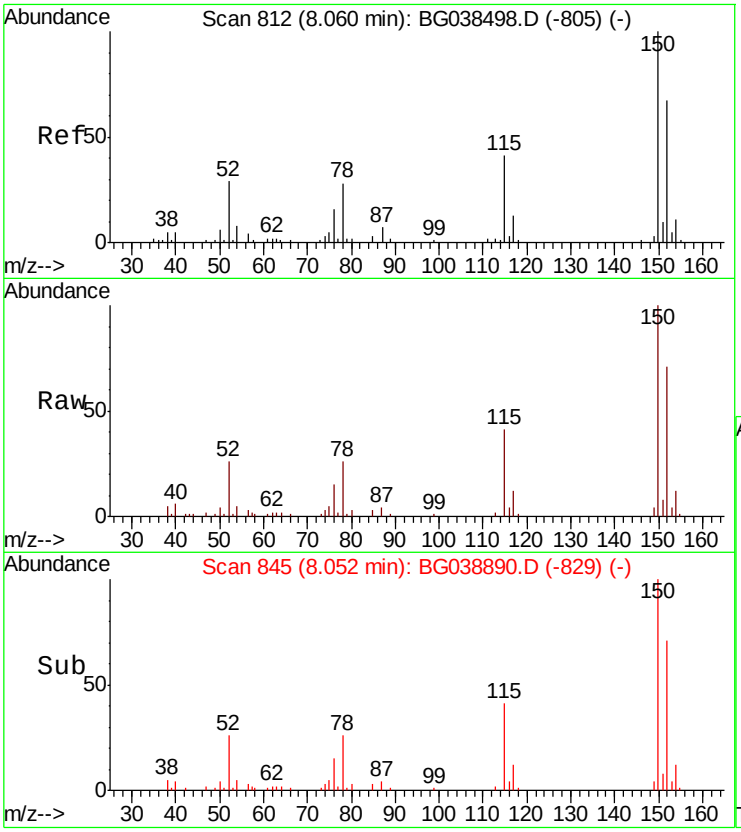
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038890.D
Acq On : 29 Dec 2018 1:42
Operator : JU/SJ
Sample : PB116060TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 29 04:33:45 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



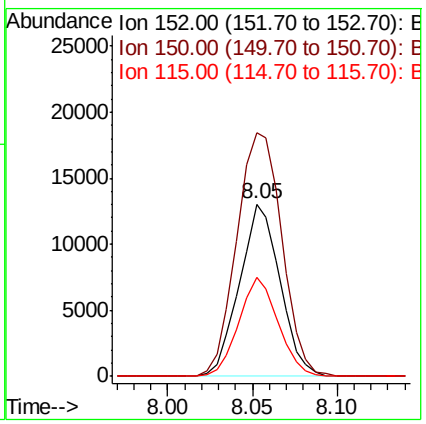


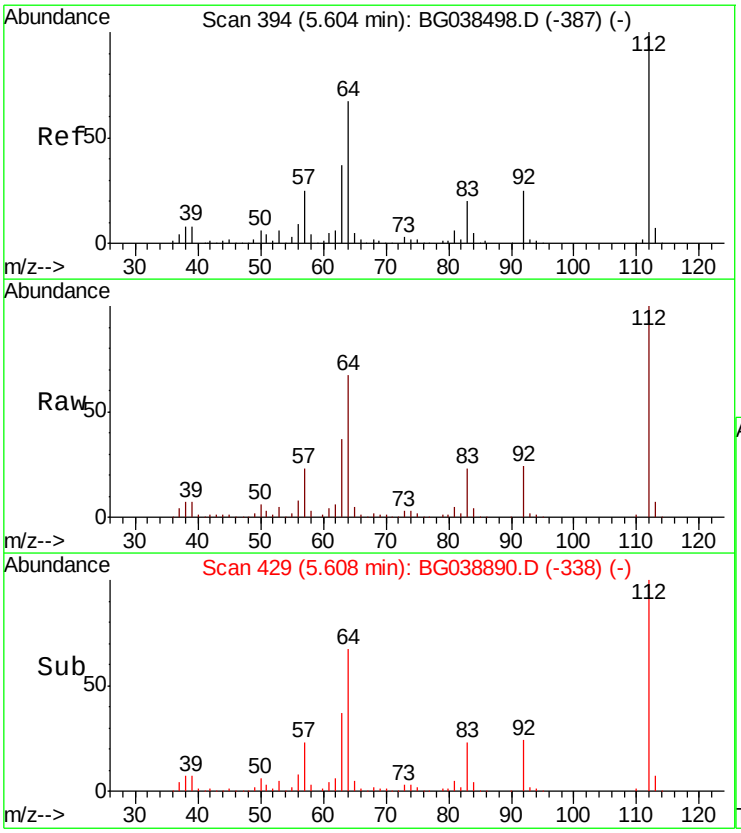
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21732

Ion	Ratio	Lower	Upper
152	100		
150	141.5	119.5	179.3
115	57.8	49.6	74.4

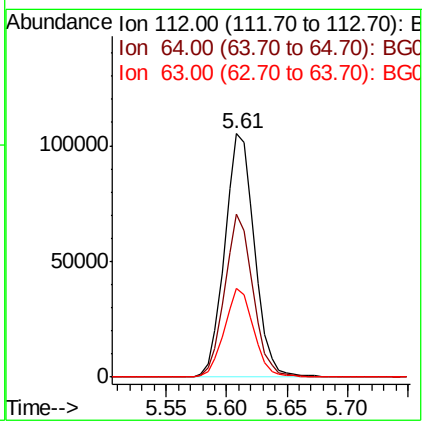


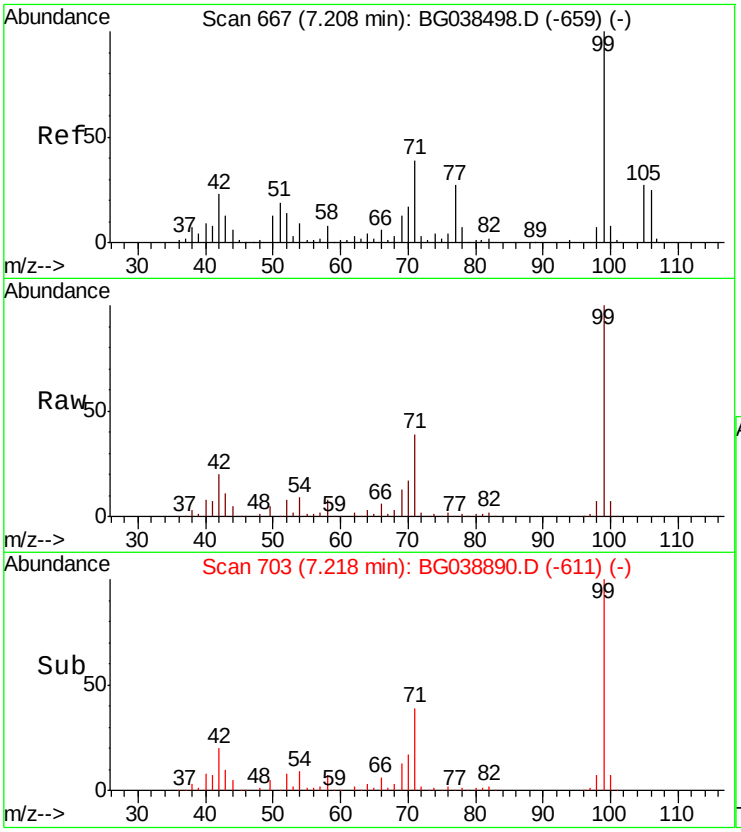


#5
2-Fluorophenol
Concen: 147.270 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion:112 Resp: 180445

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.4	80.2
63	36.5	29.3	43.9



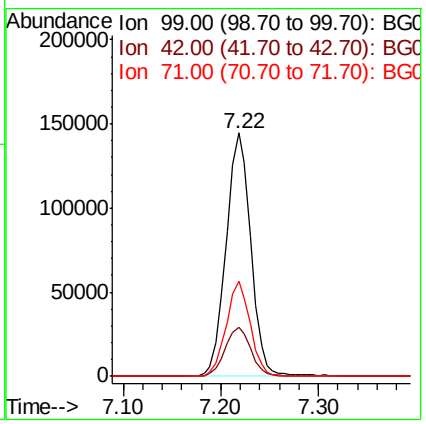


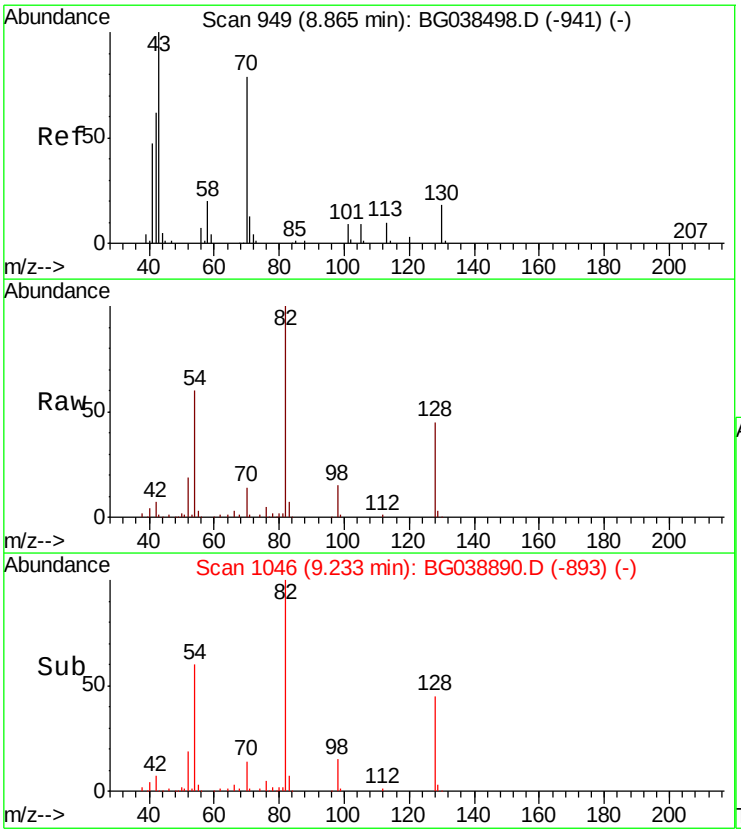
#7
Phenol-d6
Concen: 151.306 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 254506

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.5	27.7
71	38.9	31.1	46.7

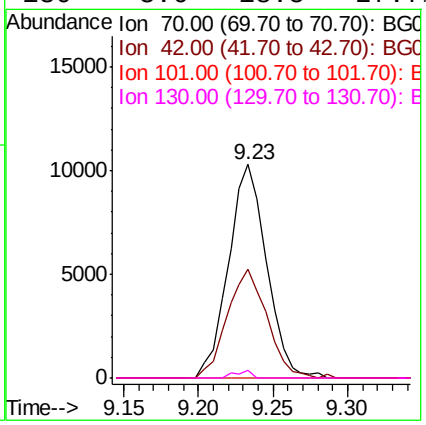


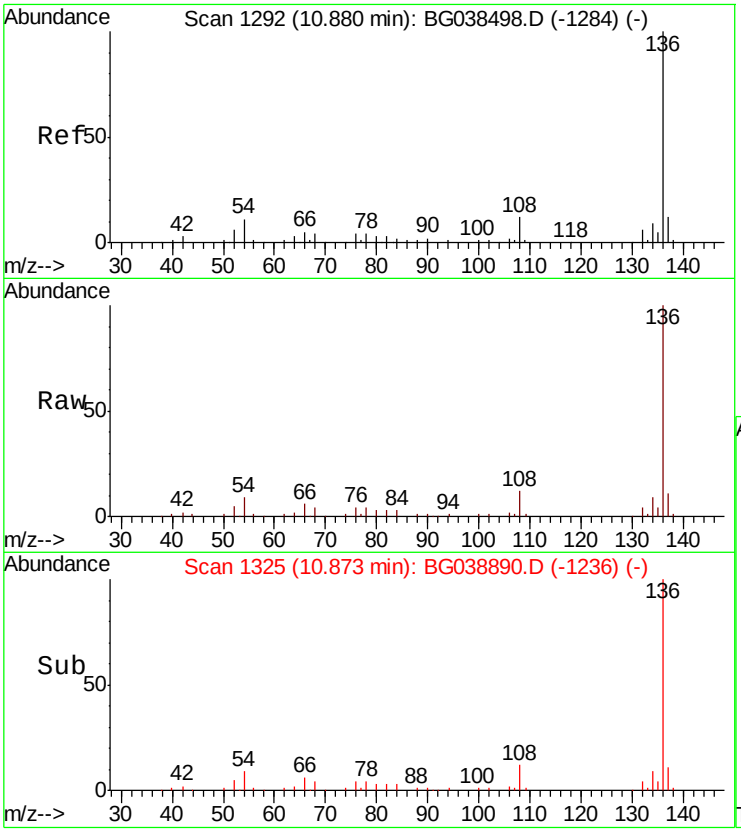


#19
n-Nitroso-di-n-propylamine
Concen: 15.511 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion: 70 Resp: 18324

Ion	Ratio	Lower	Upper
70	100		
42	51.1	63.6	95.4#
101	0.0	9.2	13.8#
130	3.6	18.5	27.7#



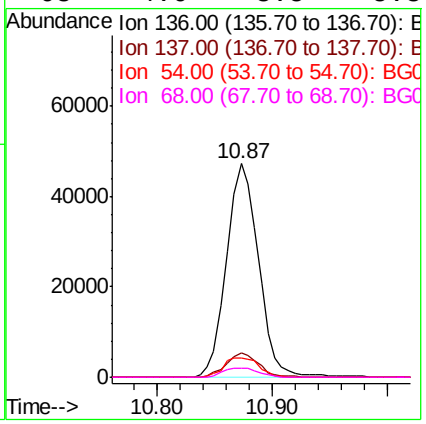


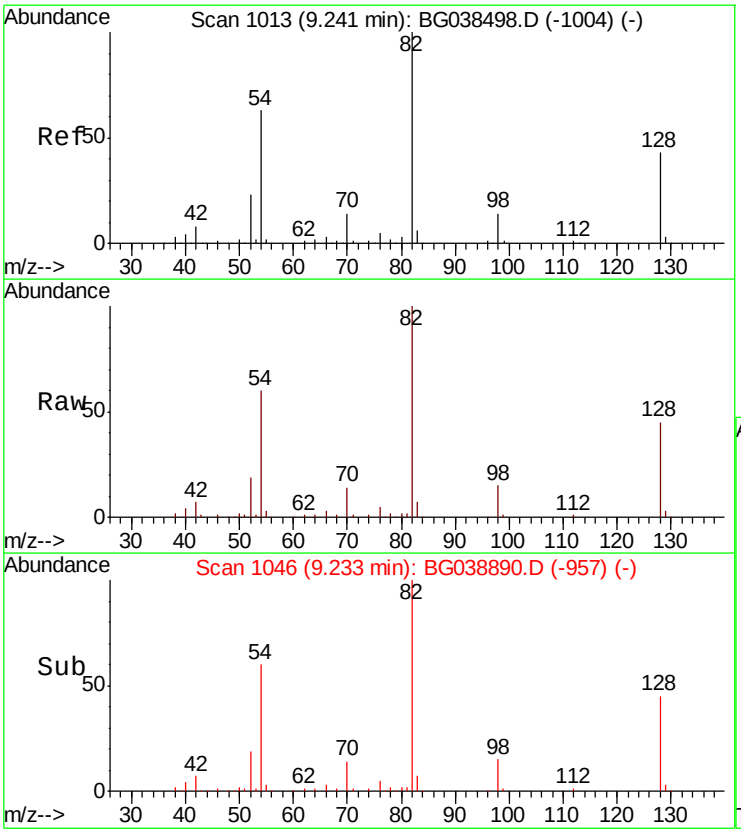
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 90814

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.1	8.5	12.7
68	4.0	3.5	5.3

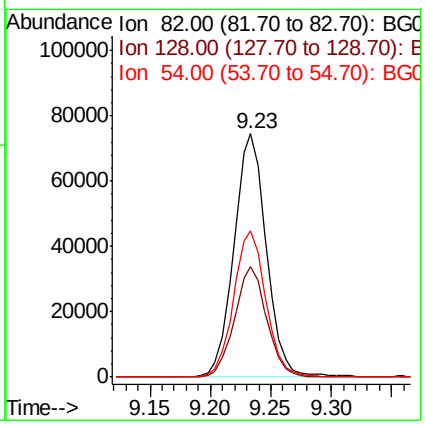


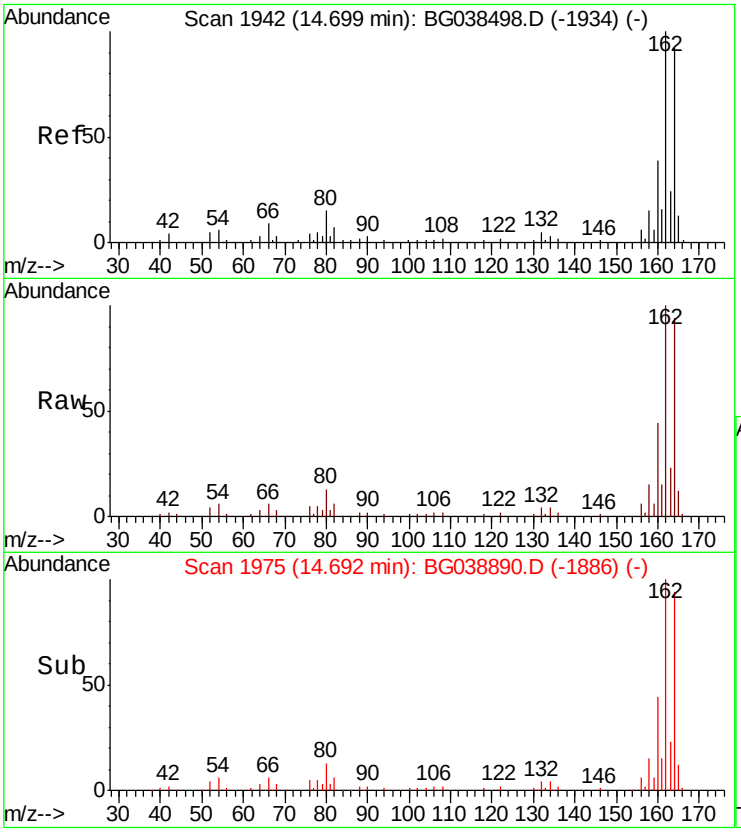


#23
Nitrobenzene-d5
Concen: 78.175 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion: 82 Resp: 138967

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	60.2	50.6	76.0



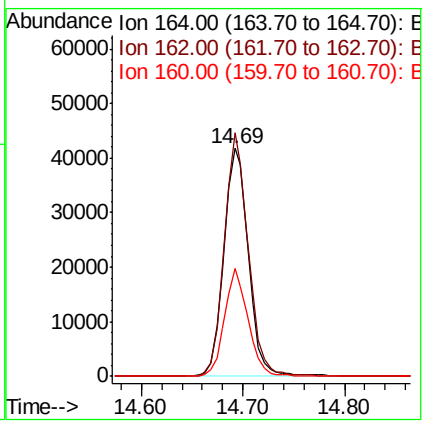


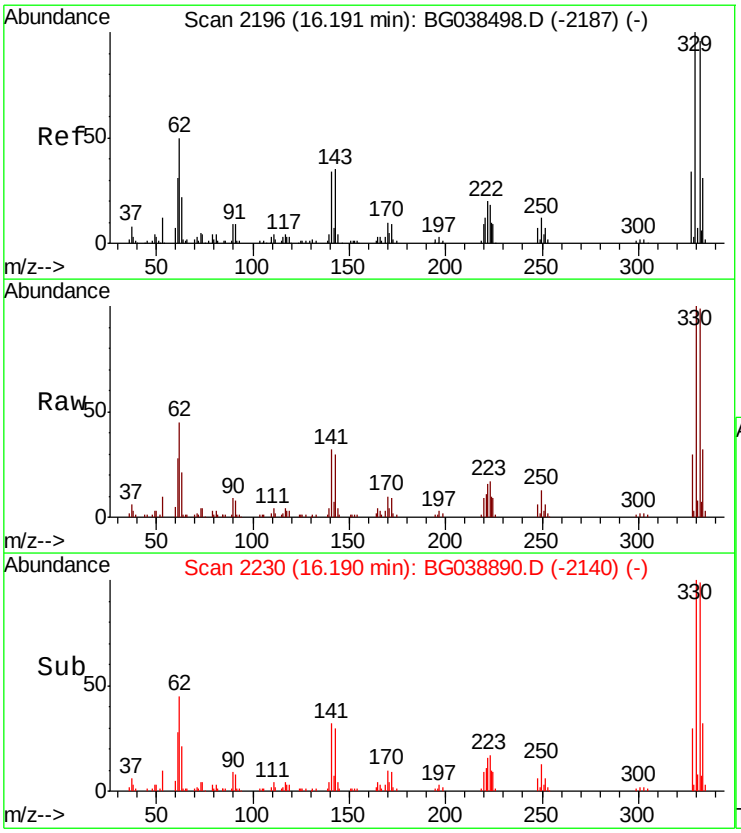
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 69851

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.6	130.0
160	47.1	34.2	51.2

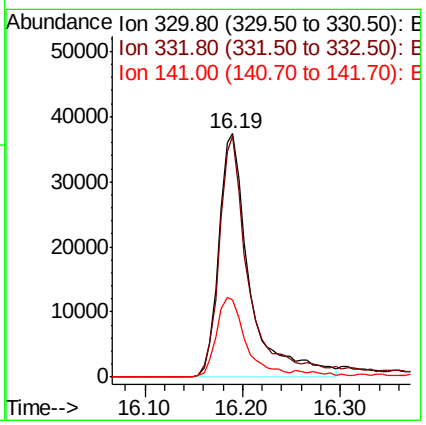


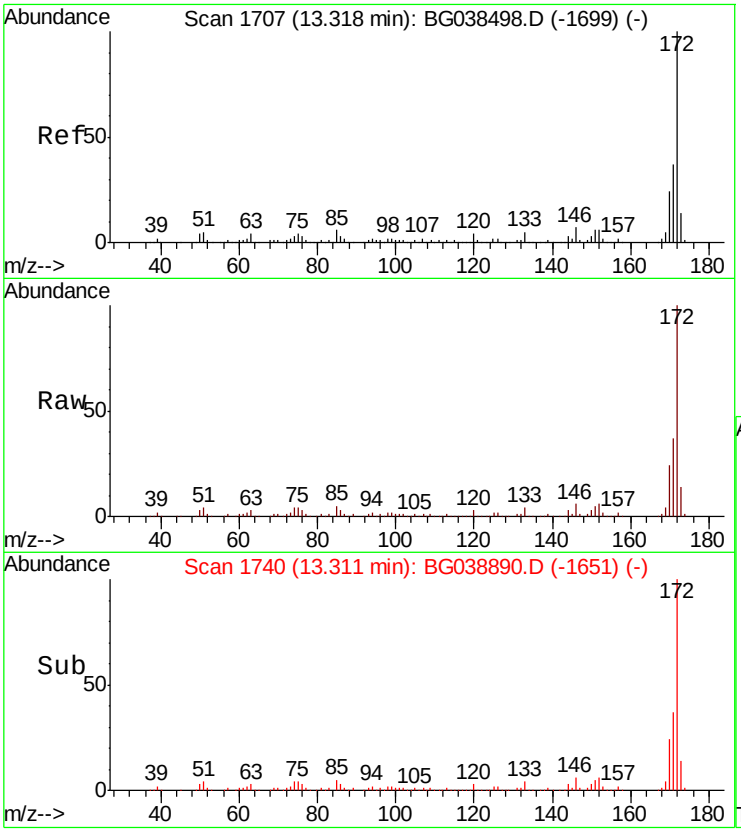


#42
2,4,6-Tribromophenol
Concen: 85.181 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion:330 Resp: 82001

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	31.2	28.8	43.2



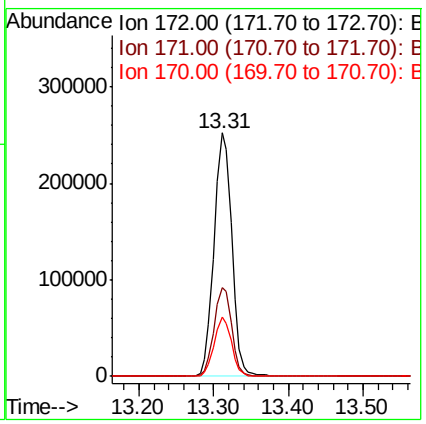


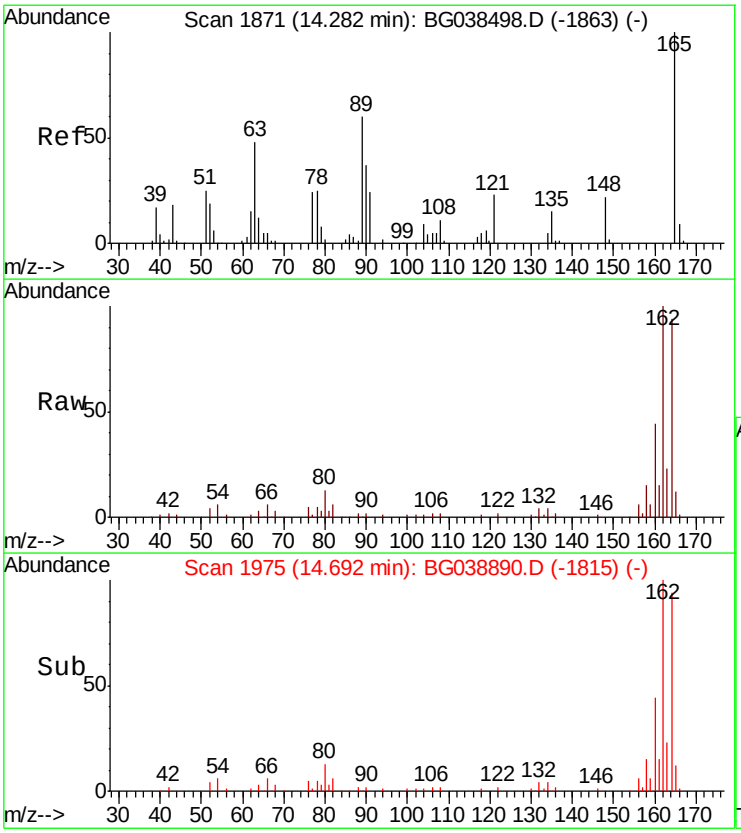
#45
2-Fluorobiphenyl
Concen: 82.017 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 417611

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.3	19.5	29.3

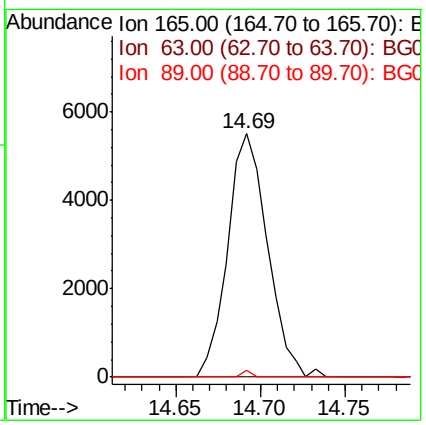


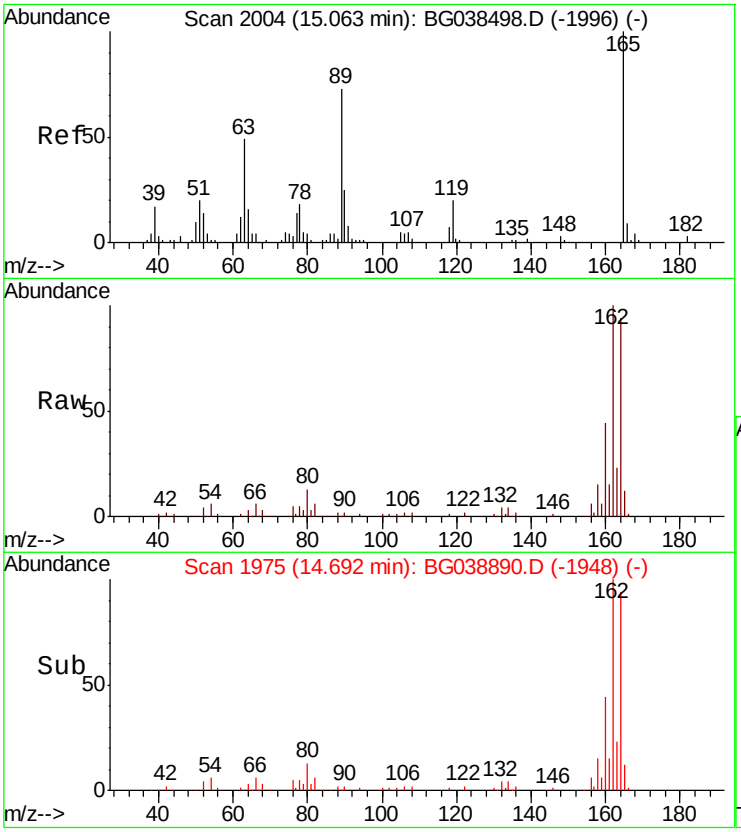


#51
2,6-Dinitrotoluene
Concen: 6.972 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion:165 Resp: 9012

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	2.8	47.9	71.9#



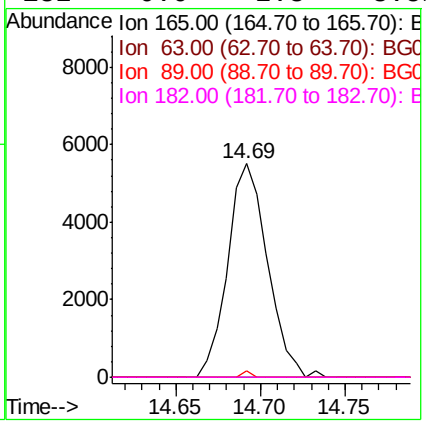


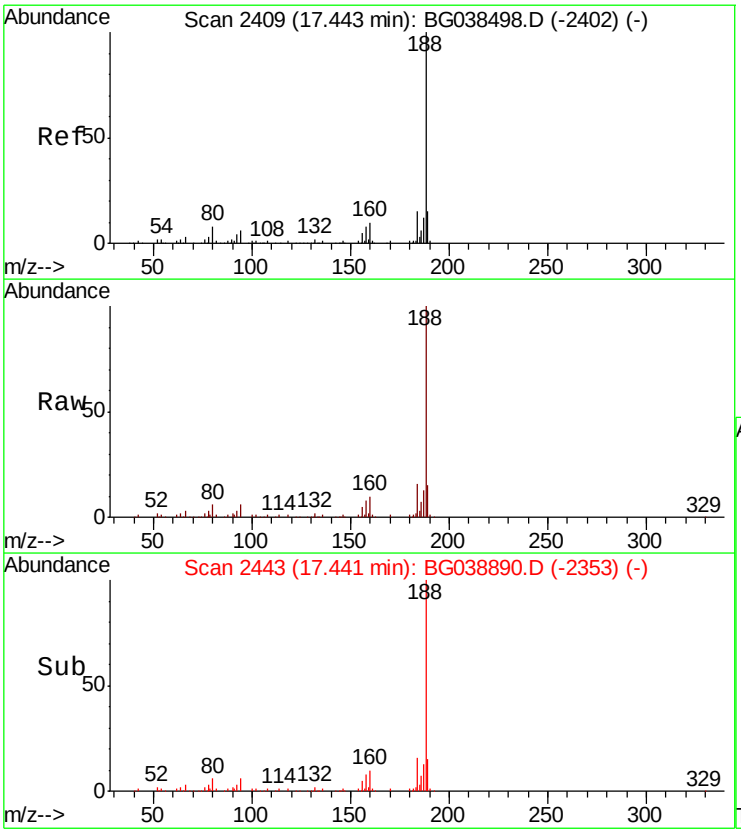
#57
2,4-Dinitrotoluene
Concen: 4.950 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9012

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.8	58.0	87.0#
182	0.0	2.3	3.5#

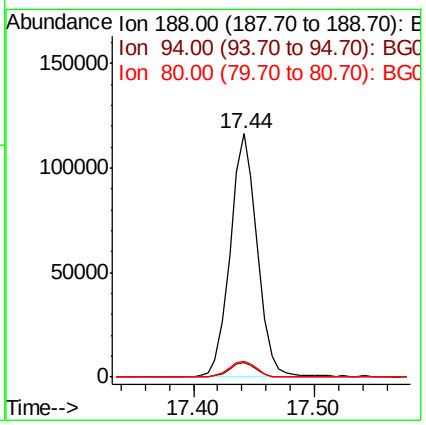


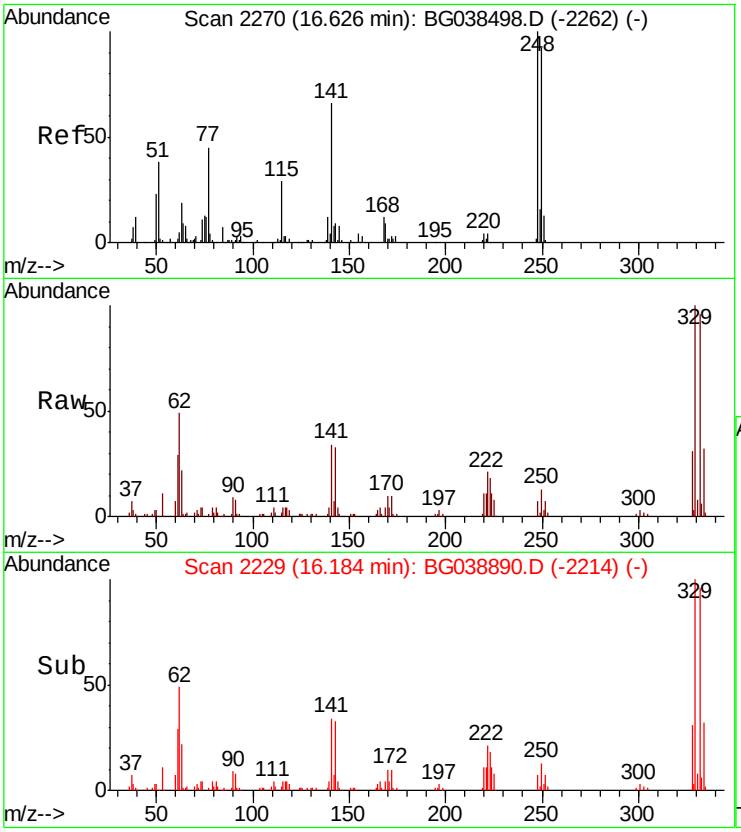


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion:188 Resp: 181334

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	6.3	6.1	9.1



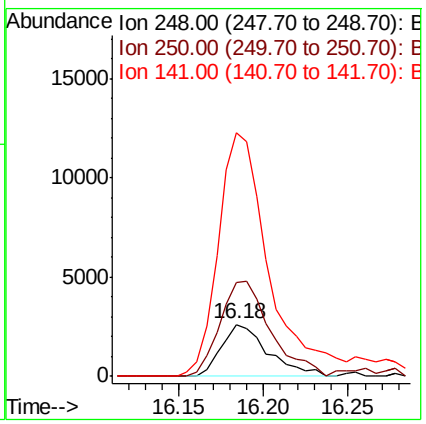


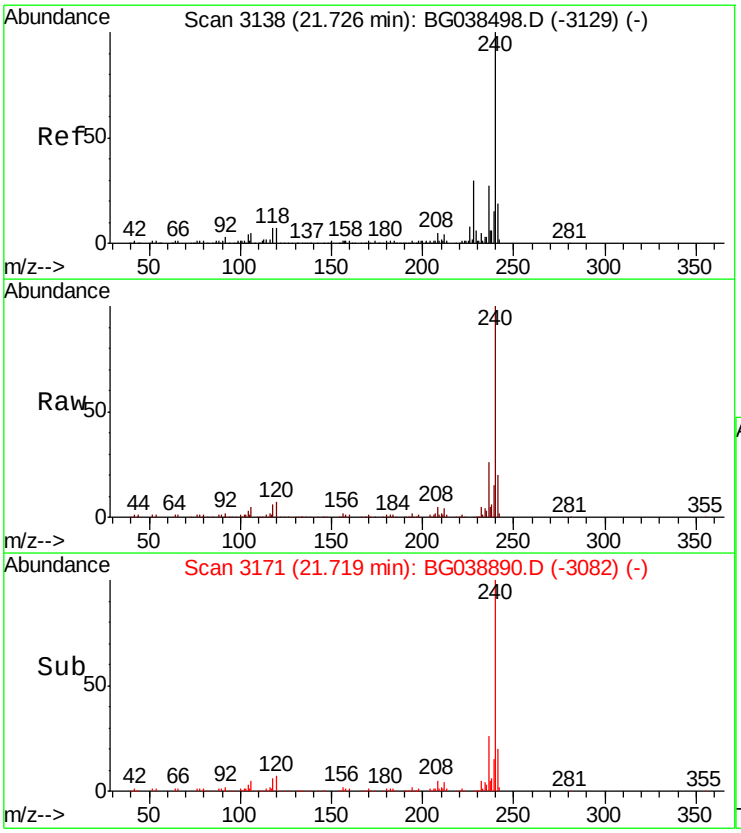
#67
4-Bromophenyl-phenylether
Concen: 2.267 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 5020

Ion	Ratio	Lower	Upper
248	100		
250	178.5	73.4	110.2#
141	364.9	52.9	79.3#

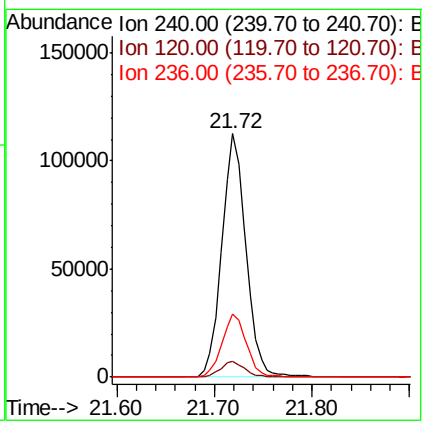


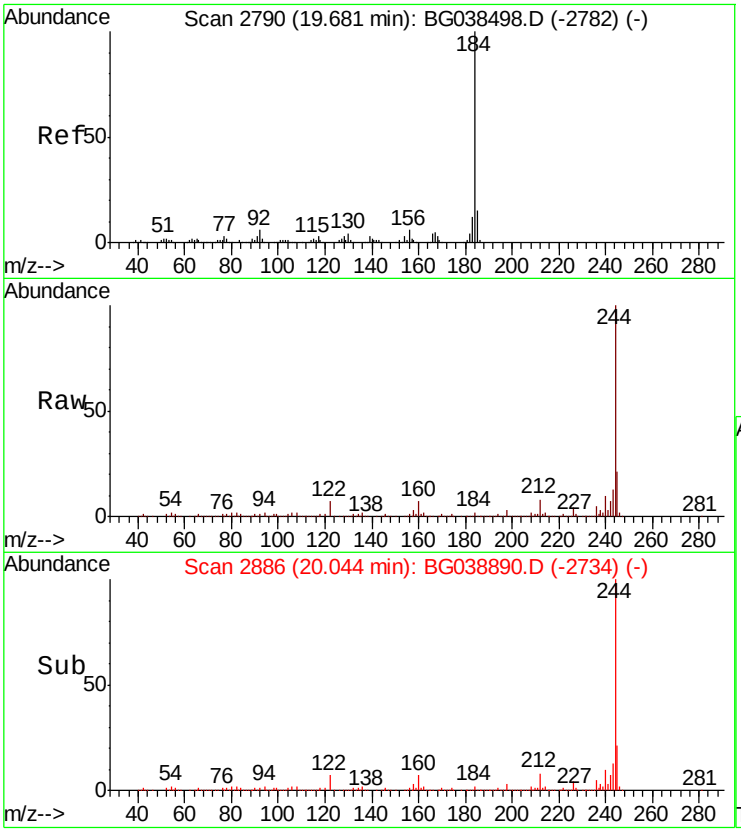


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion:240 Resp: 192892

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	25.7	21.4	32.2



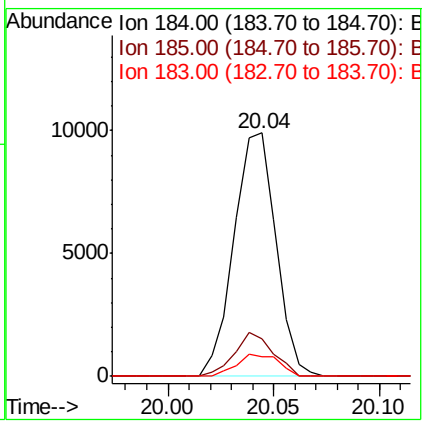


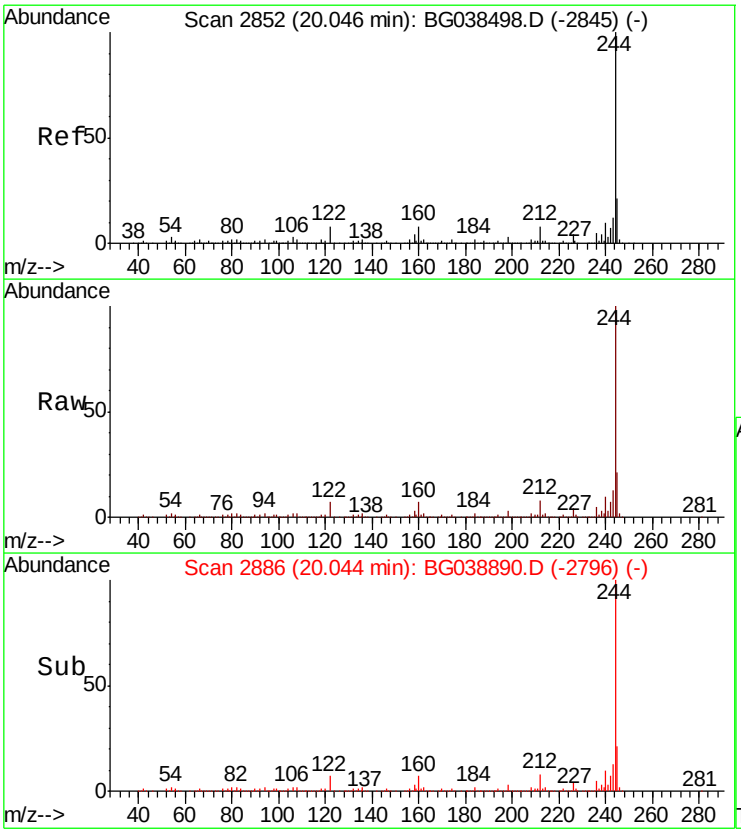
#77
Benzidine
Concen: 2.394 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 13656

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	8.1	9.6	14.4#

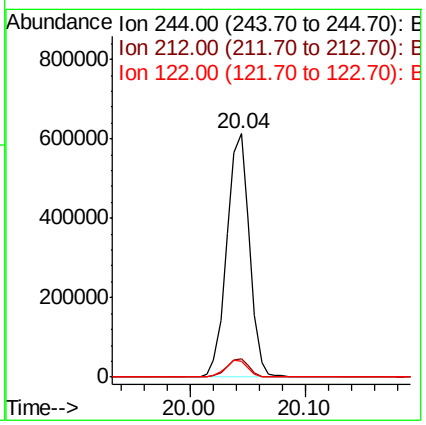


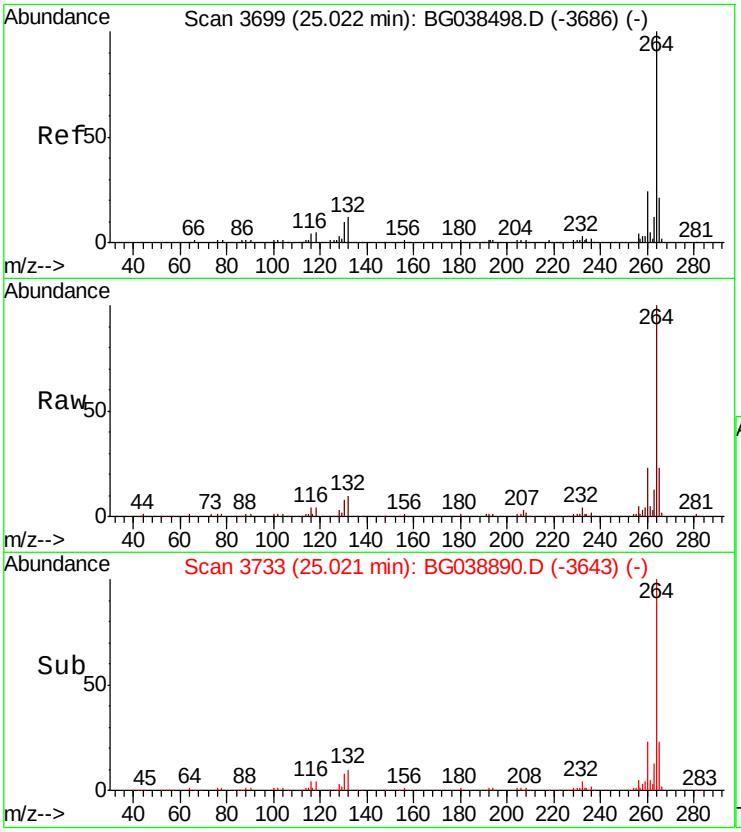


#79
Terphenyl-d14
Concen: 93.574 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Tgt Ion:244 Resp: 829358

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	6.7	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038890.D
Acq: 29 Dec 2018 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 201649

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.9	17.0	25.4