Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121718\
Data File : BG038688.D
Acq On : 18 Dec 2018 8:11
Operator : JU/SJ
Sample : J6403-36
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 10:45:31 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	8.06	152	24572	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	95552	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62889	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	164429	20.00	ng	0.00
76) Chrysene-d12	21.72	240	171101	20.00	ng	0.00
87) Perylene-d12	25.02	264	184237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	184205	132.96	ng	0.00
7) Phenol-d6	7.21	99	219281	115.30	ng	0.00
23) Nitrobenzene-d5	9.24	82	181900	97.25	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	129493	149.41	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	425963	92.92	ng	0.00
79) Terphenyl-d14	20.05	244	849699	108.08	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.39	79	3326	2.241	ng	# 56
19) n-Nitroso-di-n-propylamine	9.23	70	24748	18.527	ng	# 72
51) 2,6-Dinitrotoluene	14.70	165	8350	7.175	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	8350	5.094	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8089	4.028	ng	# 1
77) Benzidine	20.04	184	15418	3.047	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121718\
Data File : BG038688.D
Acq On : 18 Dec 2018 8:11
Operator : JU/SJ
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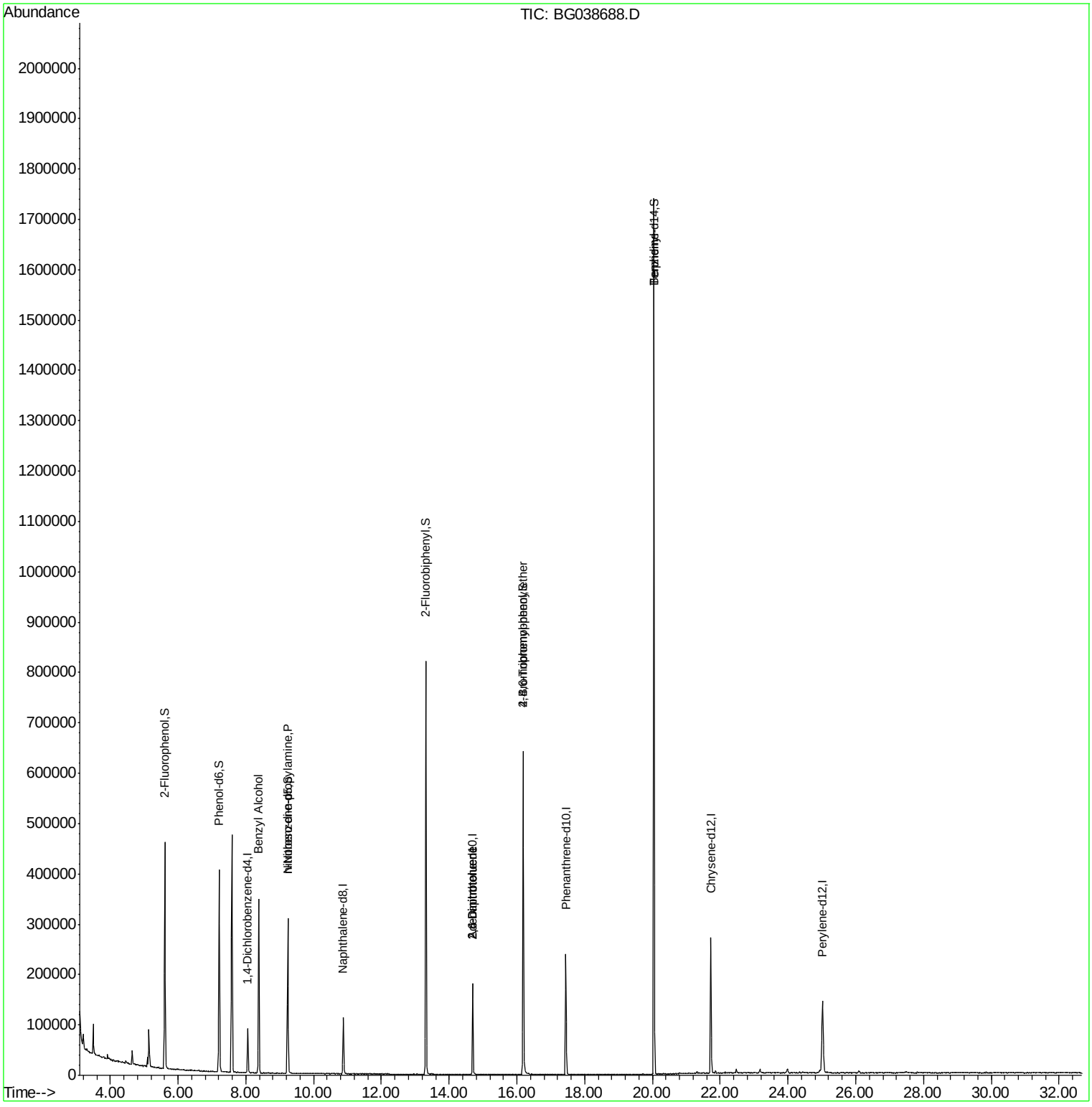
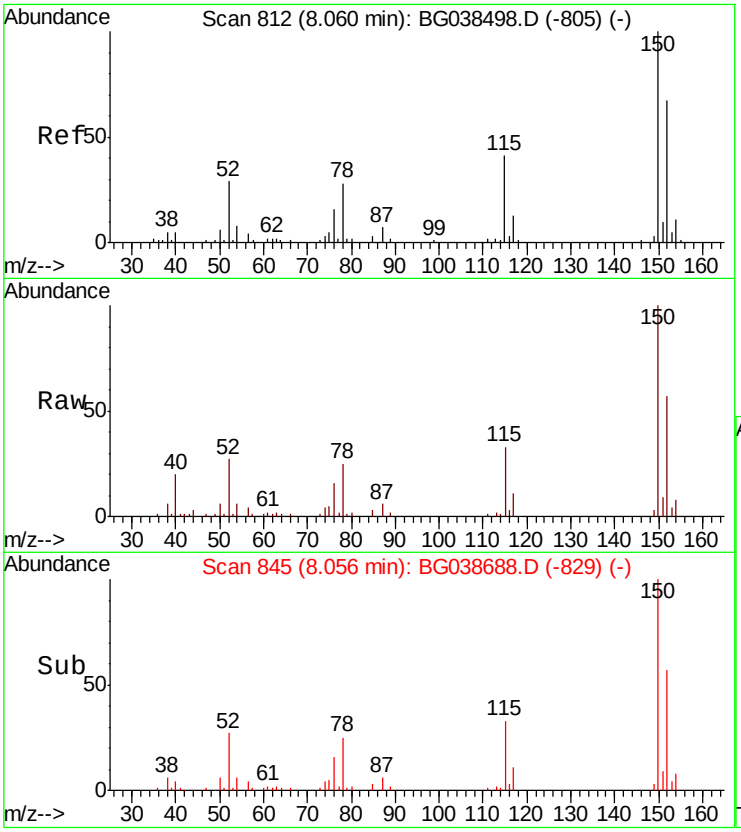
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 18 10:45:31 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



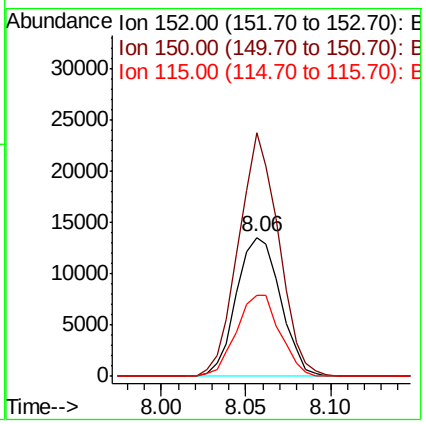


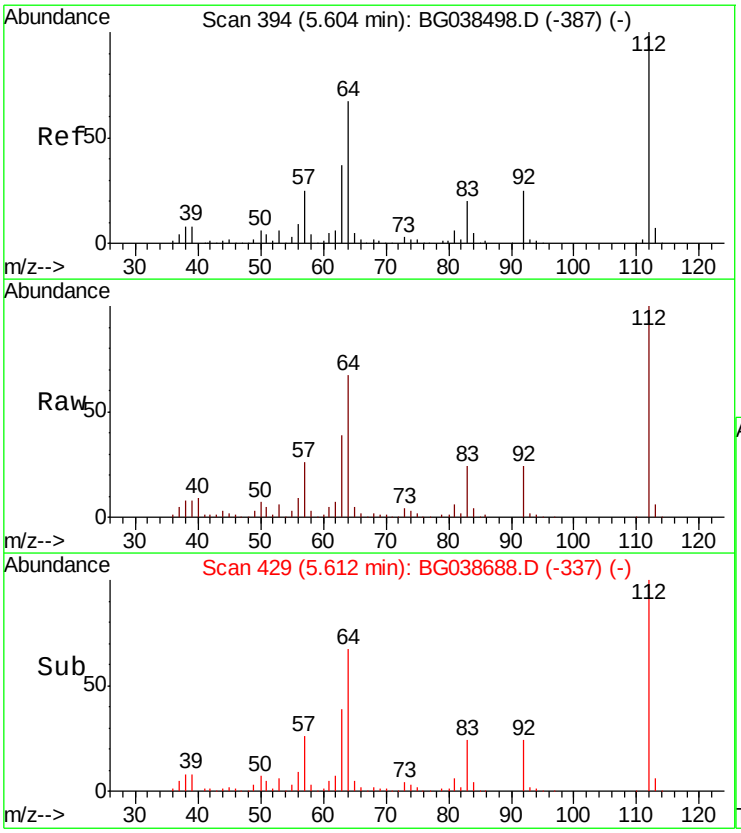
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24572

Ion	Ratio	Lower	Upper
152	100		
150	175.4	119.5	179.3
115	58.7	49.6	74.4

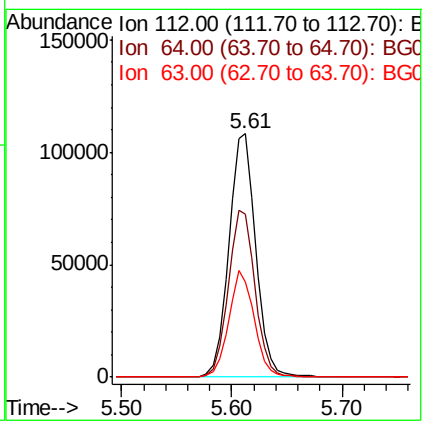


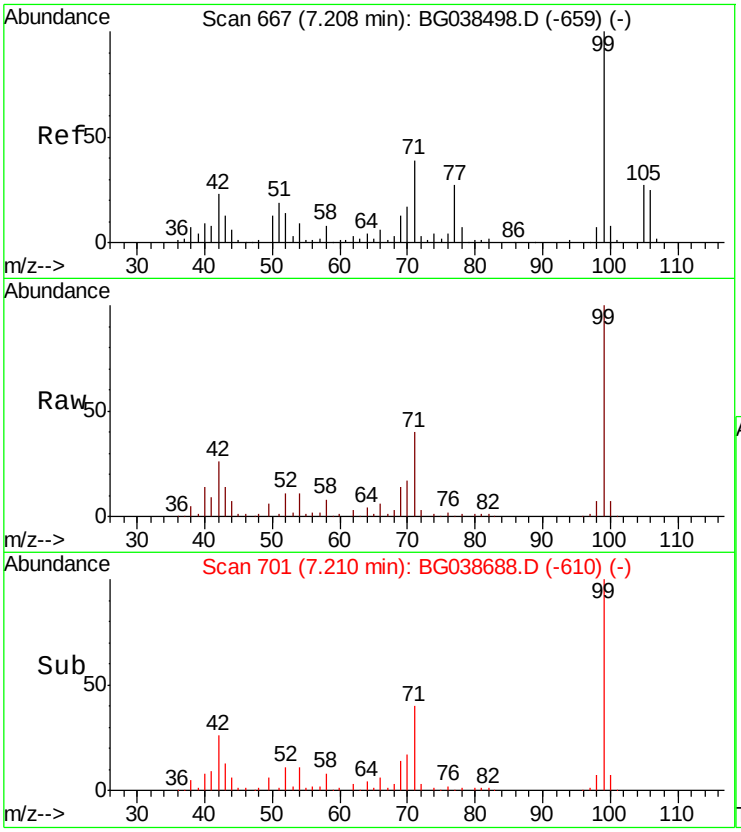


#5
2-Fluorophenol
Concen: 132.963 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:112 Resp: 184205

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.4	80.2
63	39.1	29.3	43.9



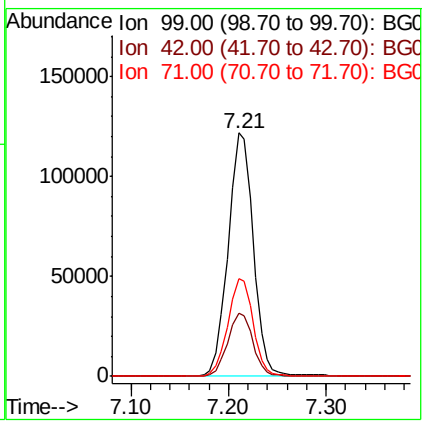


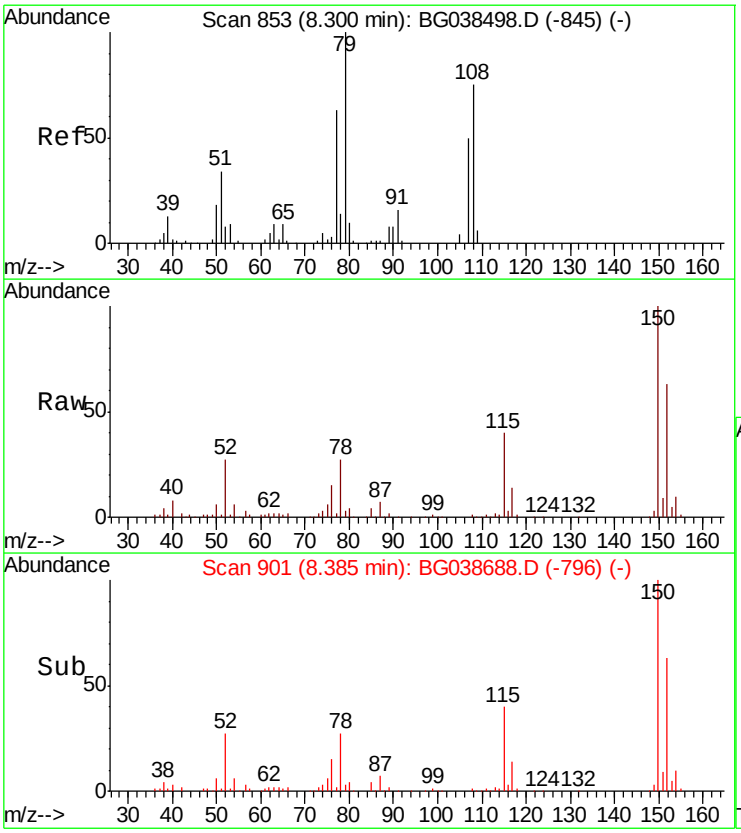
#7
Phenol-d6
Concen: 115.297 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 219281

Ion	Ratio	Lower	Upper
99	100		
42	26.1	18.5	27.7
71	40.0	31.1	46.7

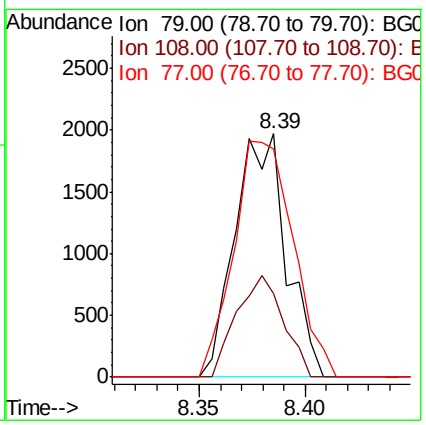


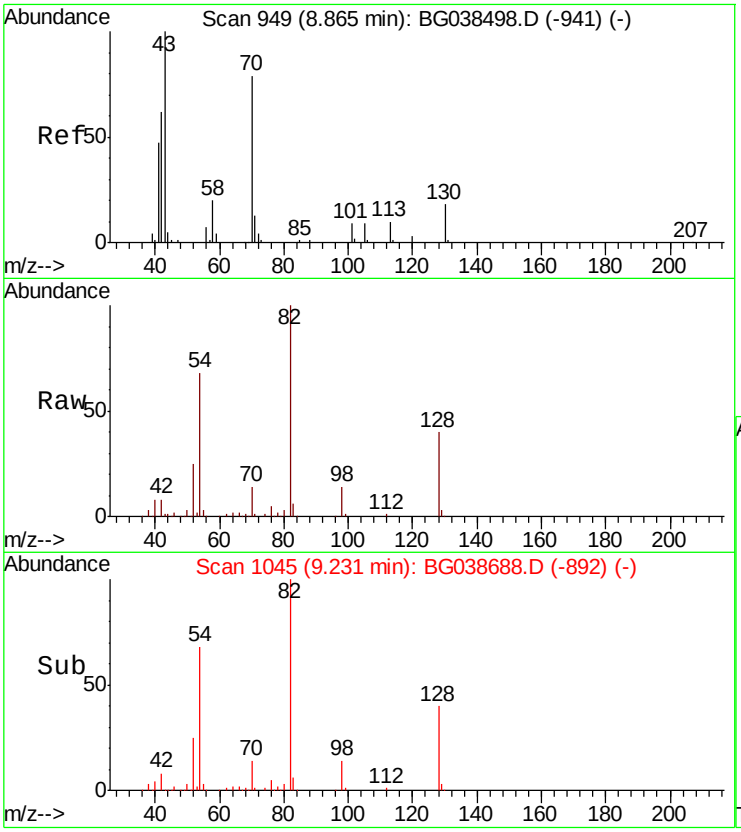


#15
Benzyl Alcohol
Concen: 2.241 ng
RT: 8.39 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion: 79 Resp: 3326

Ion	Ratio	Lower	Upper
79	100		
108	34.2	60.2	90.4#
77	93.7	50.7	76.1#



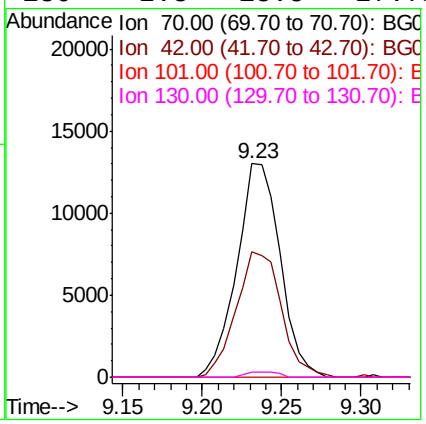


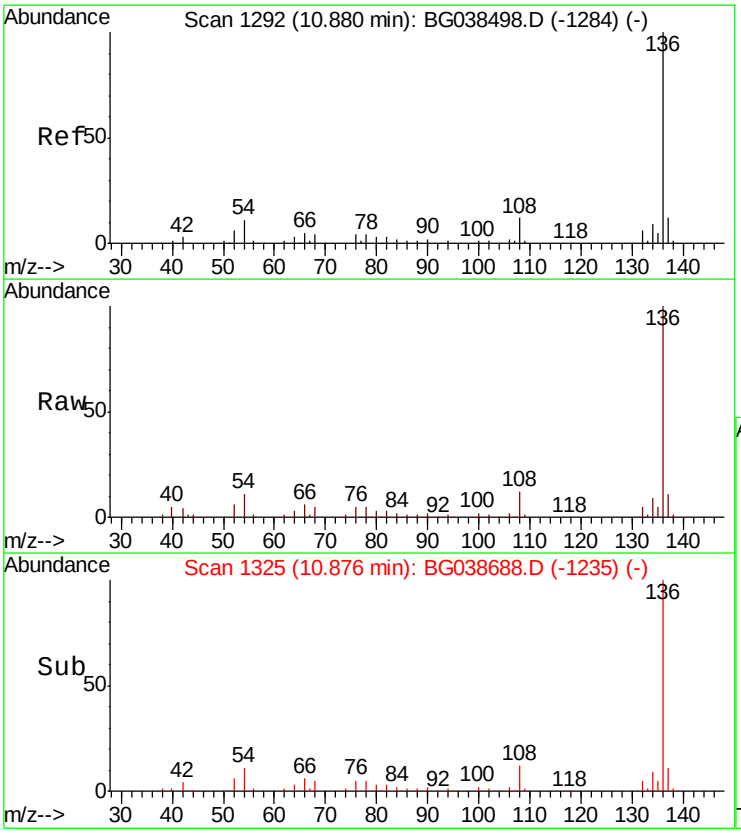
#19
n-Nitroso-di-n-propylamine
Concen: 18.527 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.37 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 24748

Ion	Ratio	Lower	Upper
70	100		
42	58.6	63.6	95.4#
101	0.0	9.2	13.8#
130	2.3	18.5	27.7#

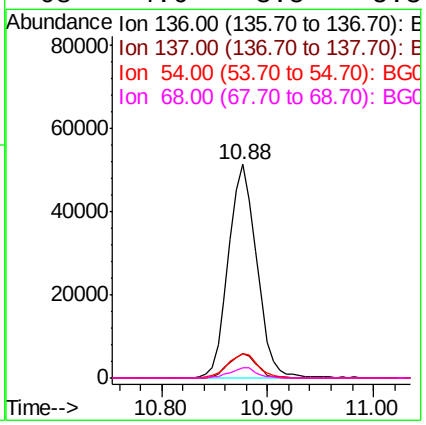


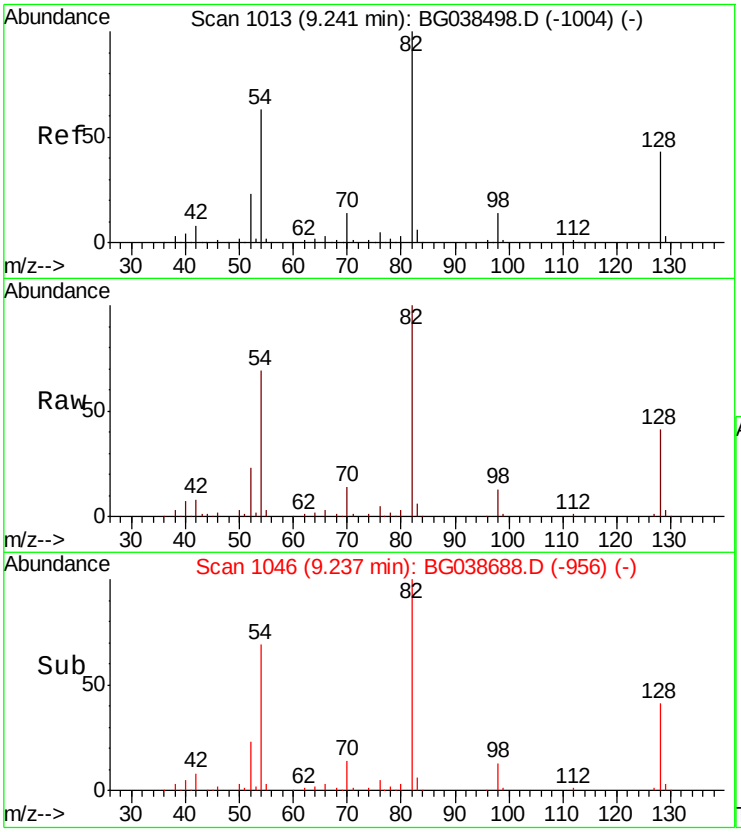


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:136 Resp: 95552

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	11.4	8.5	12.7
68	4.6	3.5	5.3



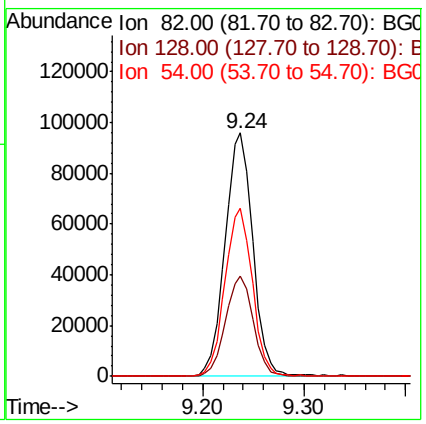


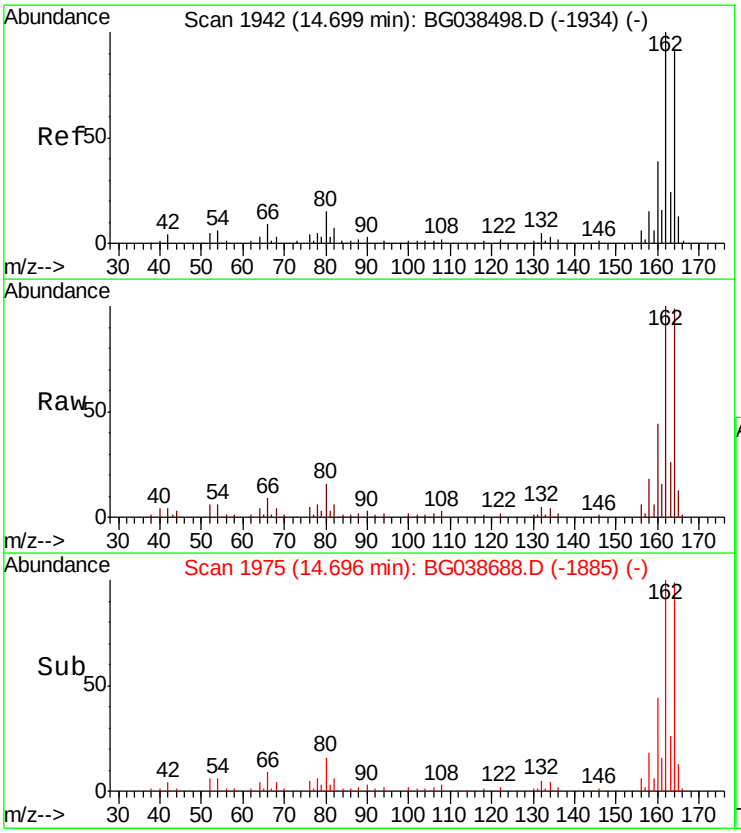
#23
Nitrobenzene-d5
Concen: 97.253 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 181900

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	69.2	50.6	76.0

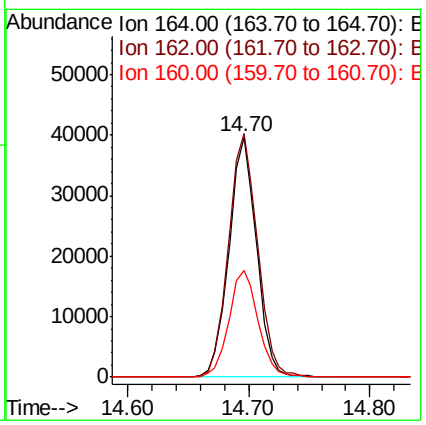


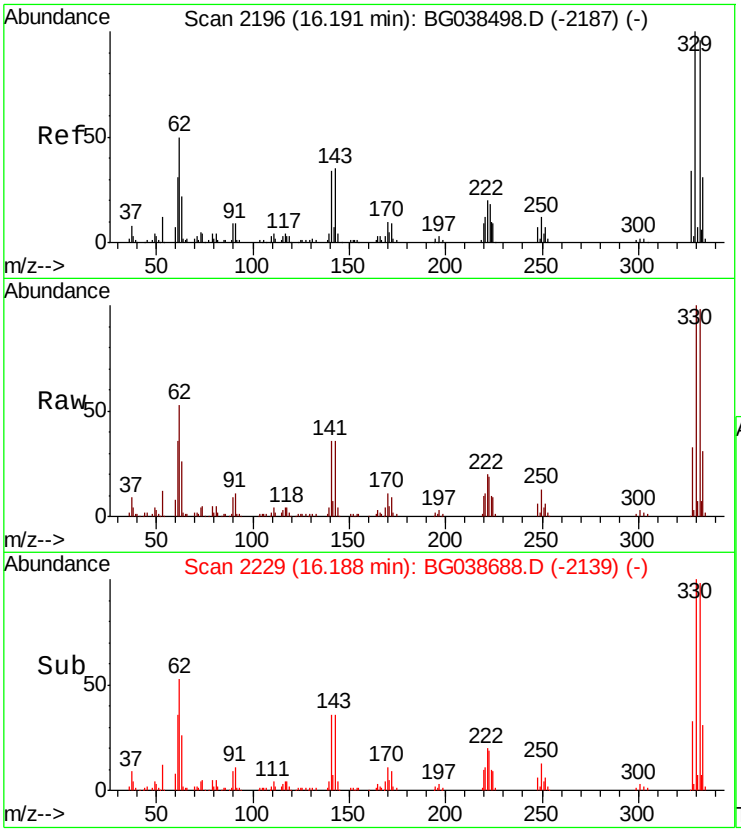


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:164 Resp: 62889

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.6	130.0
160	44.3	34.2	51.2



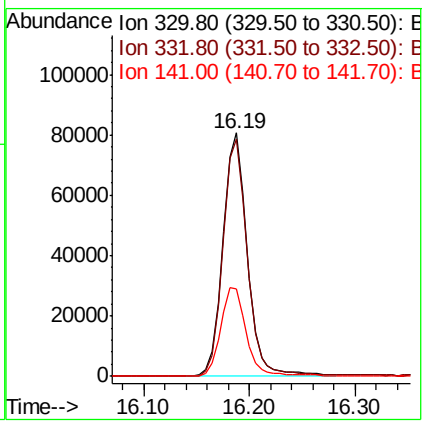


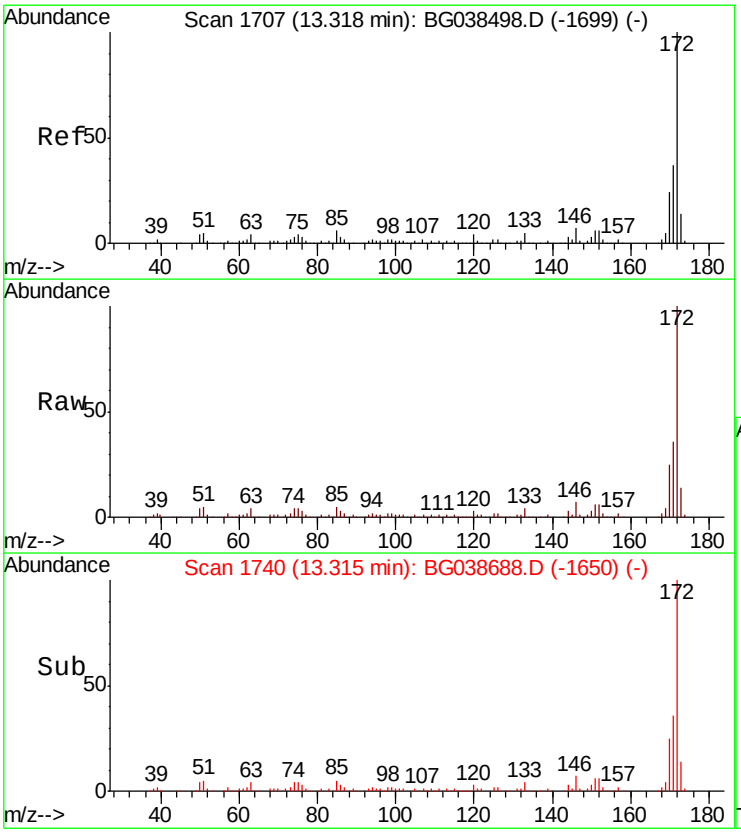
#42
2,4,6-Tribromophenol
Concen: 149.405 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 129493

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	38.3	28.8	43.2

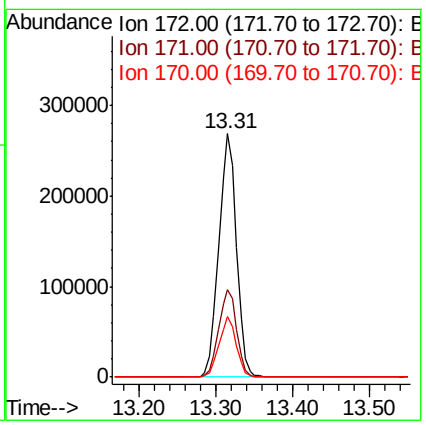


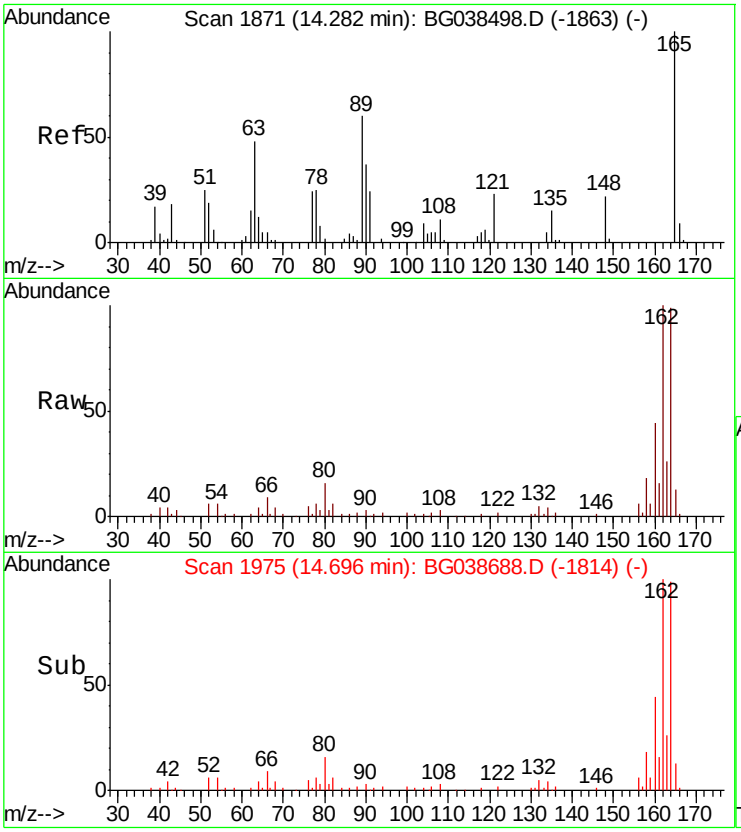


#45
2-Fluorobiphenyl
Concen: 92.919 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:172 Resp: 425963

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.8	19.5	29.3



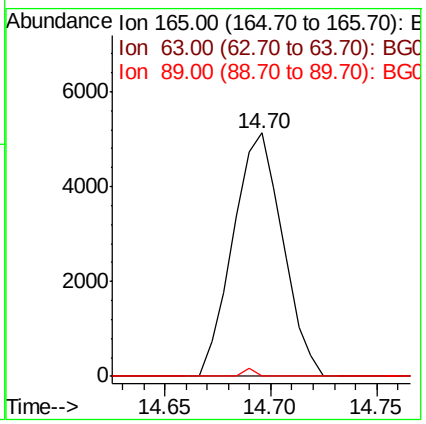


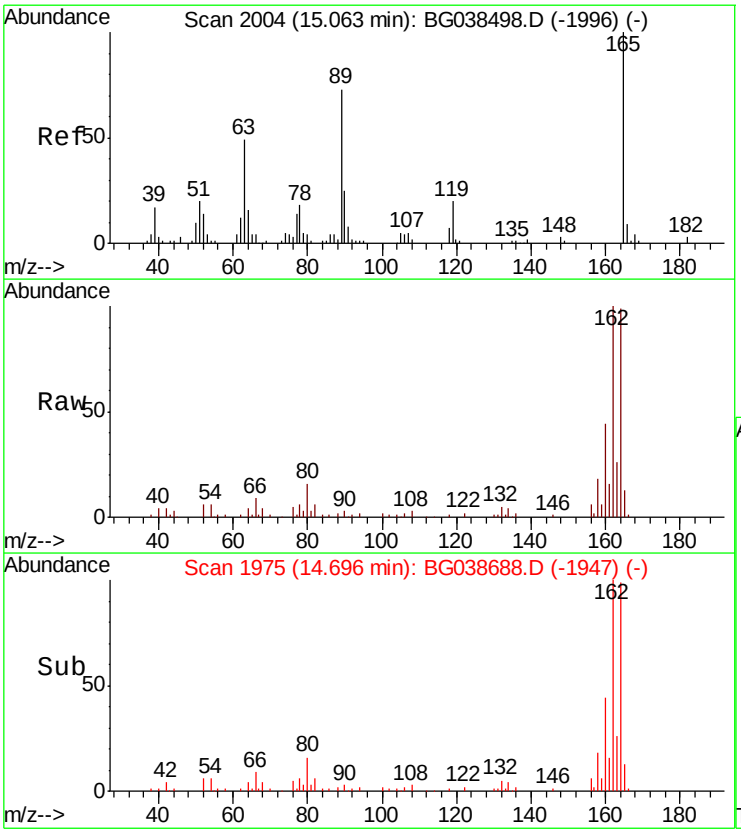
#51
2,6-Dinitrotoluene
Concen: 7.175 ng
RT: 14.70 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8350

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

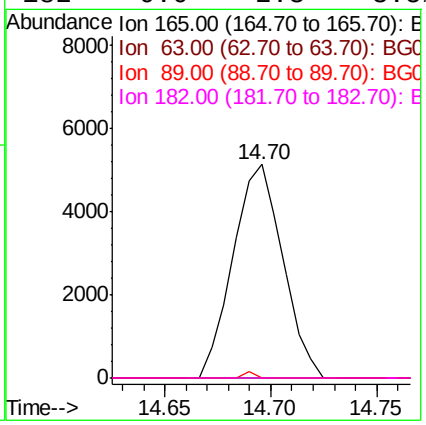


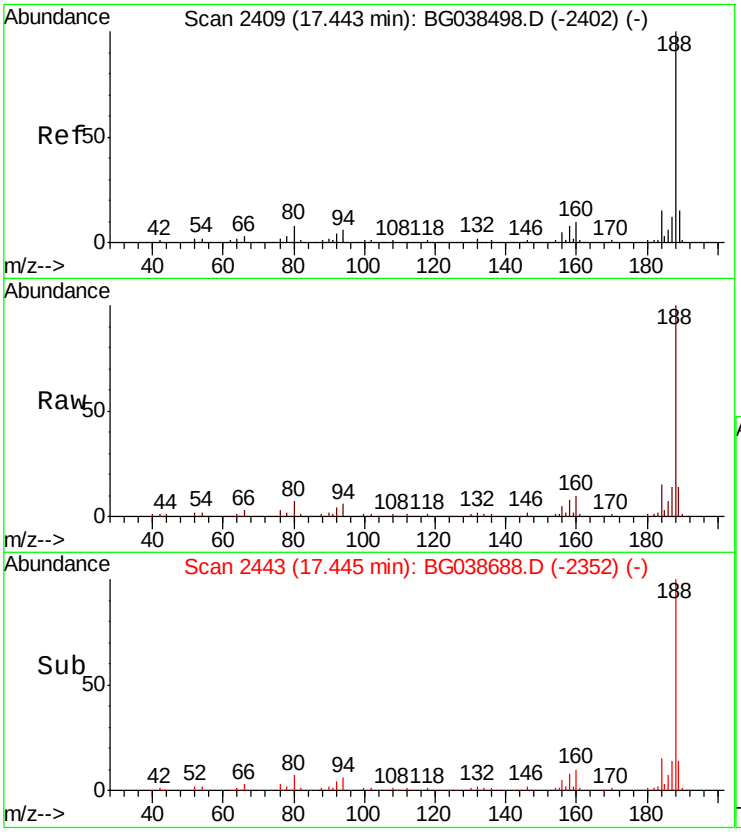


#57
2,4-Dinitrotoluene
Concen: 5.094 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:165 Resp: 8350

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#



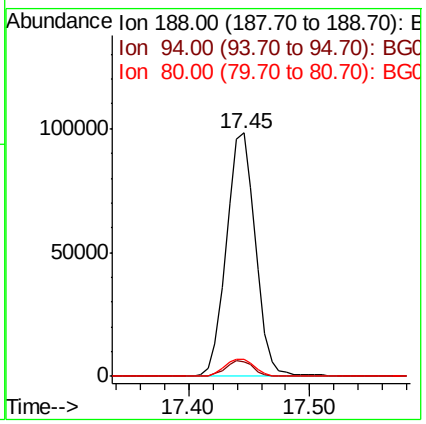


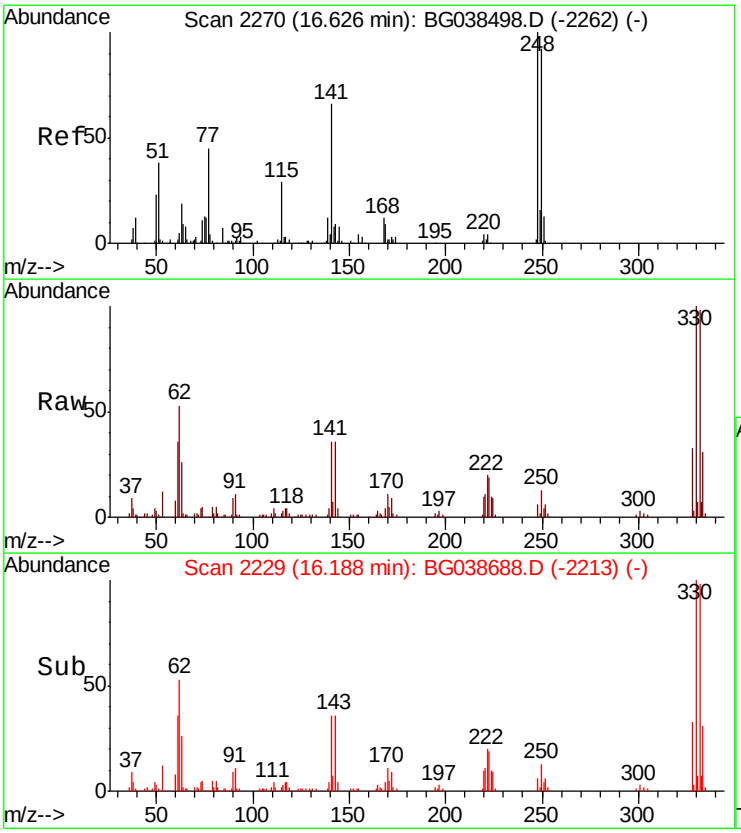
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 164429

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	7.0	6.1	9.1

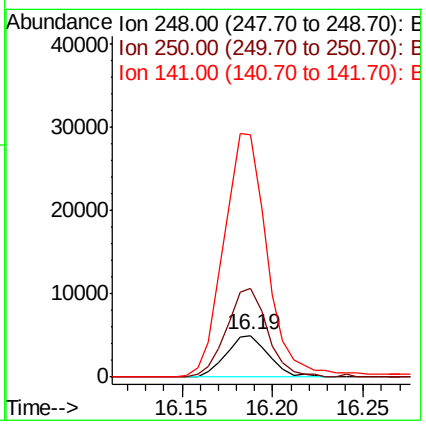


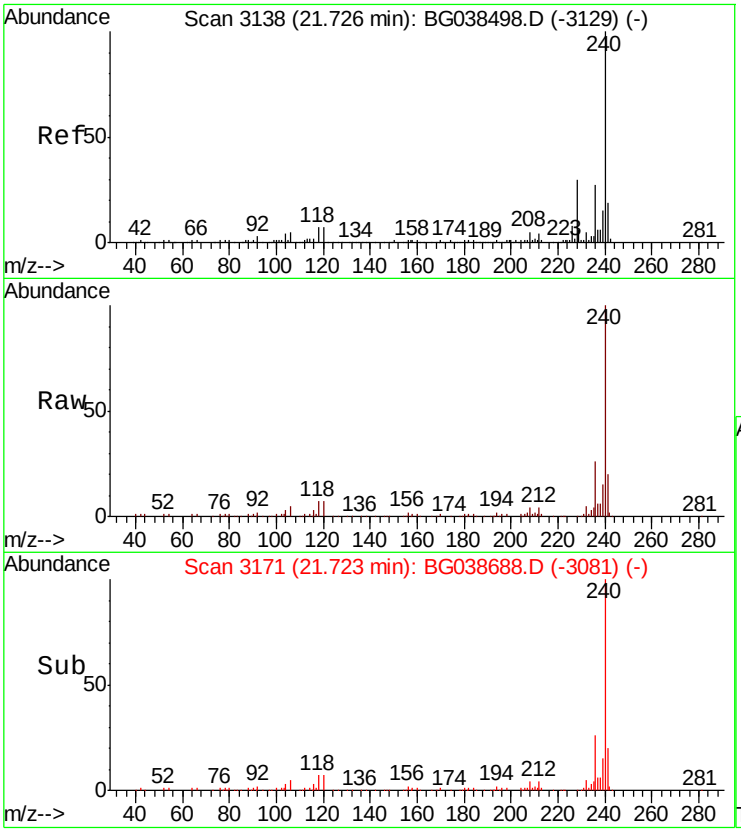


#67
4-Bromophenyl-phenylether
Concen: 4.028 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:248 Resp: 8089

Ion	Ratio	Lower	Upper
248	100		
250	217.7	73.4	110.2#
141	455.3	52.9	79.3#



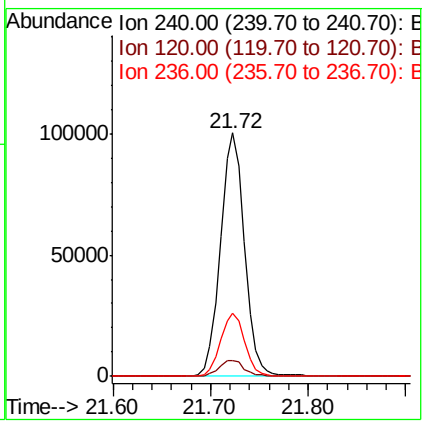


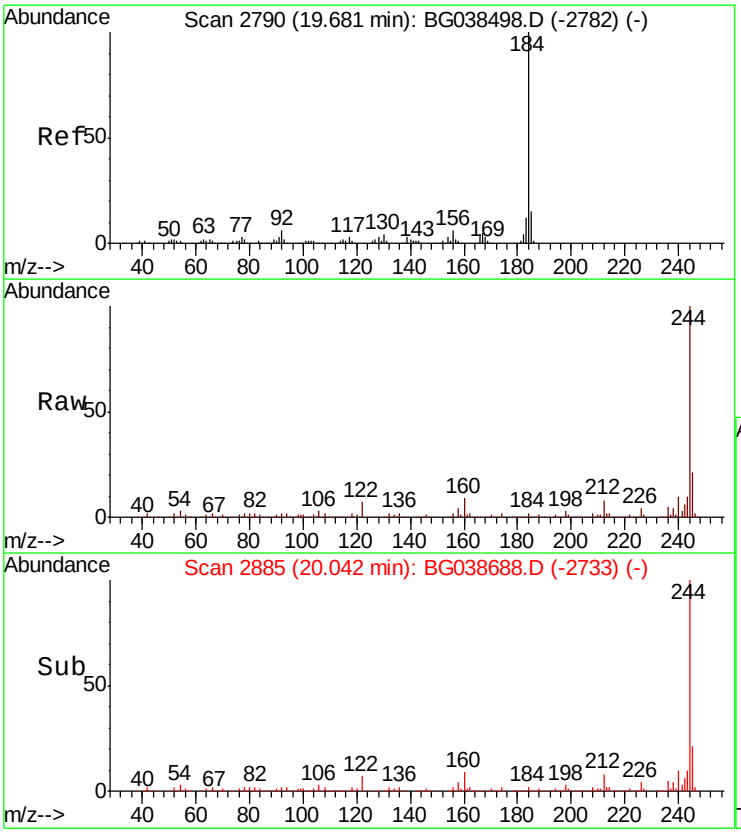
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 171101

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	25.9	21.4	32.2

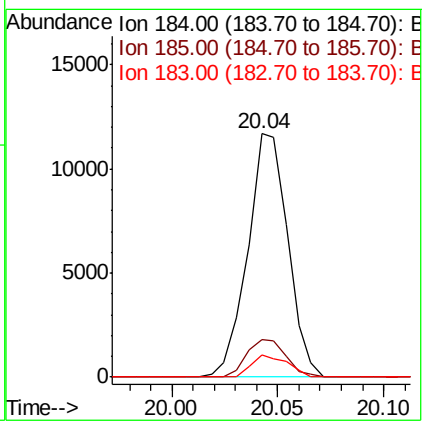


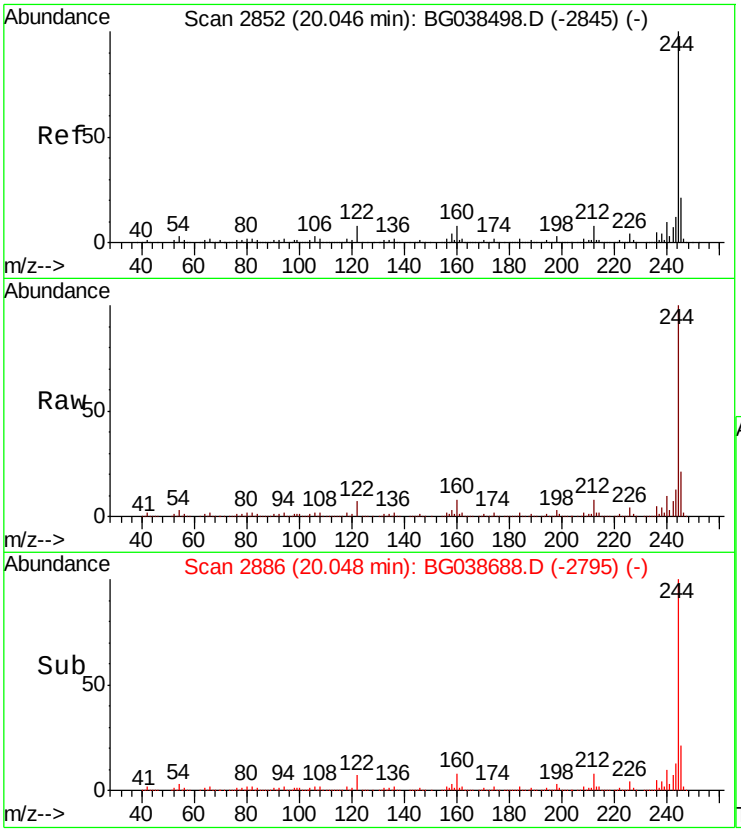


#77
Benzidine
Concen: 3.047 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:184 Resp: 15418

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	9.1	9.6	14.4#



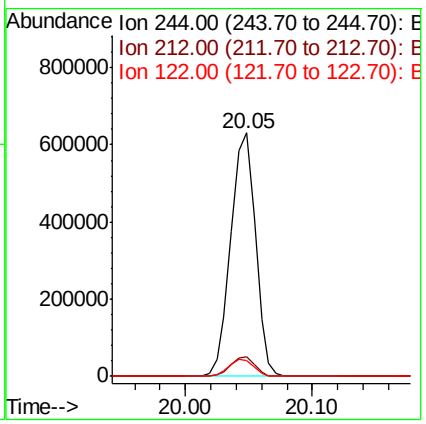


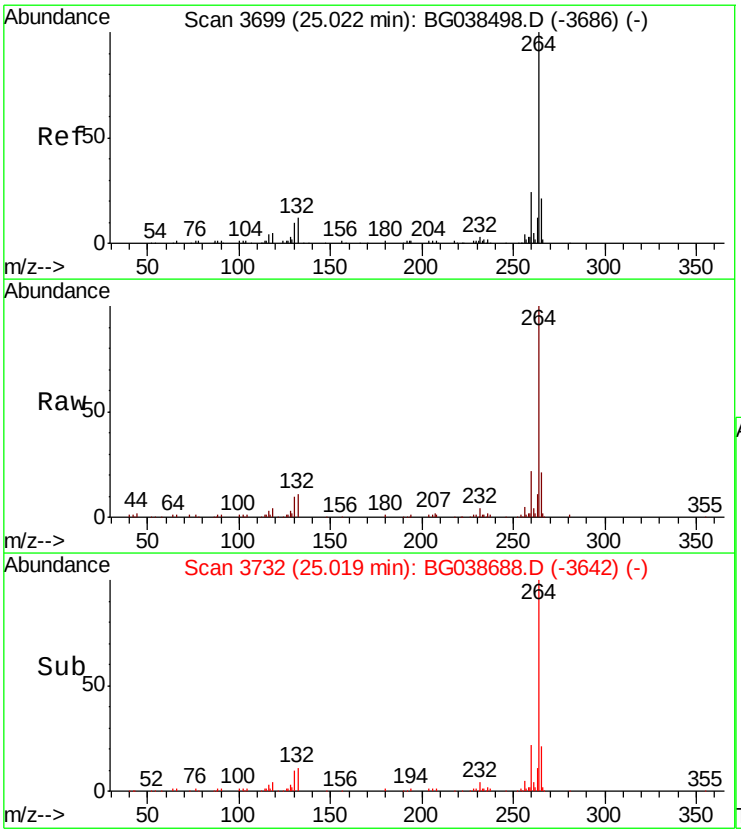
#79
Terphenyl-d14
Concen: 108.078 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 849699

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	6.7	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038688.D
Acq: 18 Dec 2018 8:11

Tgt Ion:264 Resp: 184237

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	21.0	17.0	25.4