Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181212

Quant Time: Dec 18 02:55:53 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	18255	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	75399	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	49994	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136802	20.00	ng	0.00
76) Chrysene-d12	21.72	240	150417	20.00	ng	0.00
87) Perylene-d12	25.02	264	156462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	64429	62.60	ng	0.00
7) Phenol-d6	7.21	99	52522	37.17	ng	0.00
23) Nitrobenzene-d5	9.24	82	144640	98.00	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	106839	155.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	347692	95.41	ng	0.00
79) Terphenyl-d14	20.05	244	760508	110.04	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	2234	2.026	ng	# 44
19) n-Nitroso-di-n-propylamine	9.24	70	19343	19.492	ng	# 73
57) 2,4-Dinitrotoluene	14.69	165	6464	4.960	ng	# 21
60) Diethylphthalate	15.49	149	10262	2.290	ng	# 97
67) 4-Bromophenyl-phenylether	16.19	248	6900	4.130	ng	# 1
77) Benzidine	20.05	184	14340	3.224	ng	# 94

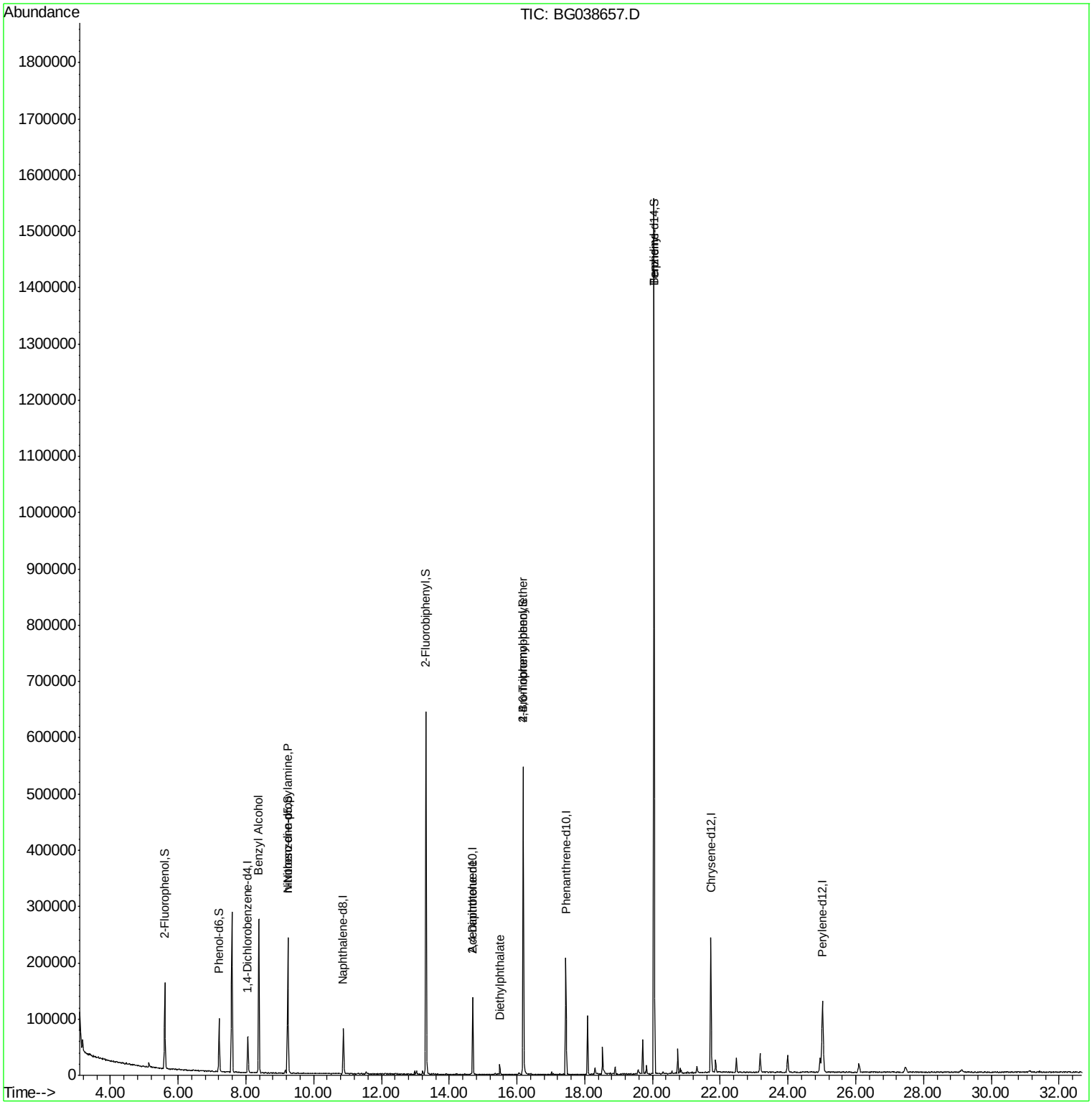
(#) = qualifier out of range (m) = manual integration (+) = signals summed

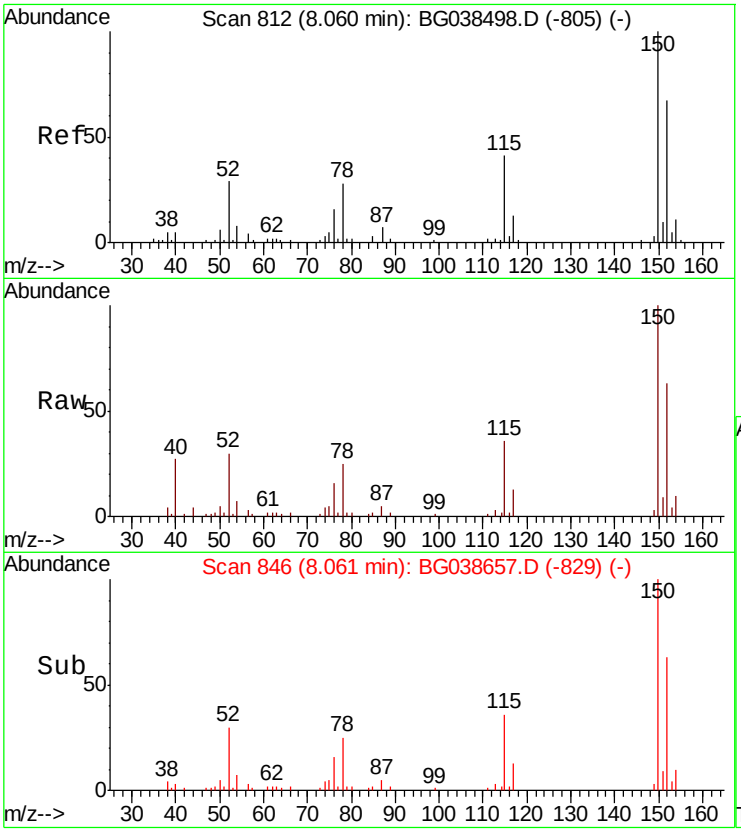
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181212

Quant Time: Dec 18 02:55:53 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



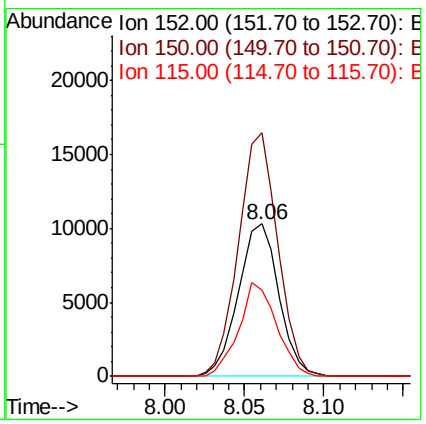


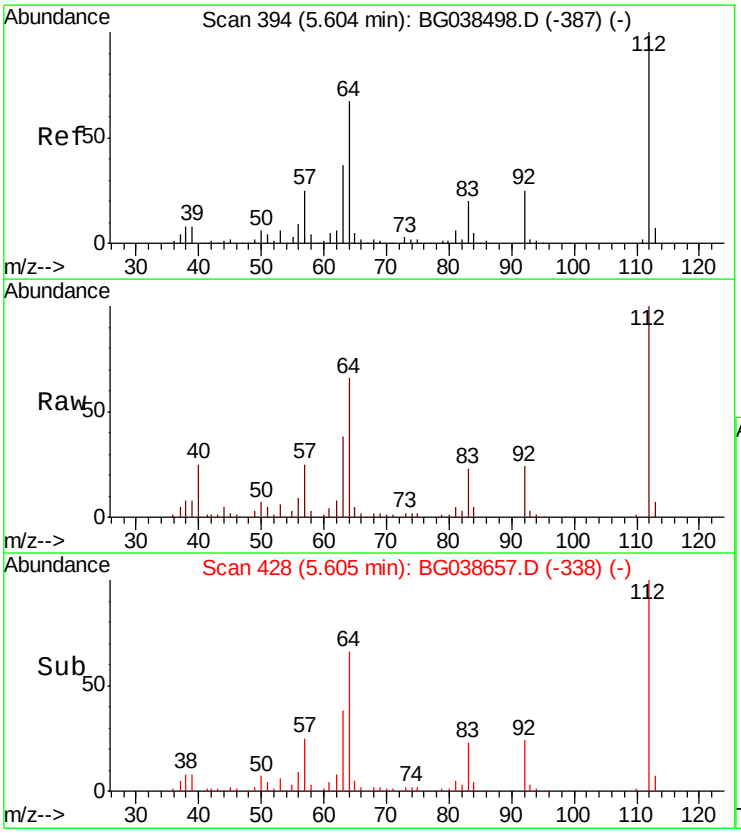
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion:152 Resp: 18255

Ion	Ratio	Lower	Upper
152	100		
150	159.6	119.5	179.3
115	56.7	49.6	74.4

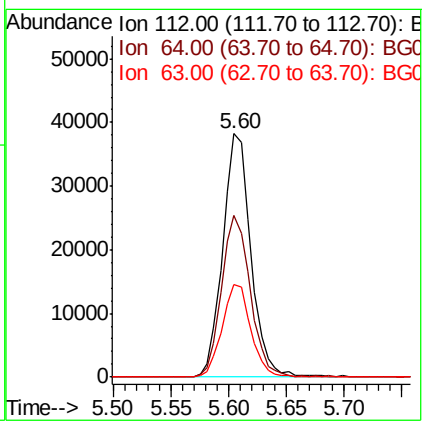


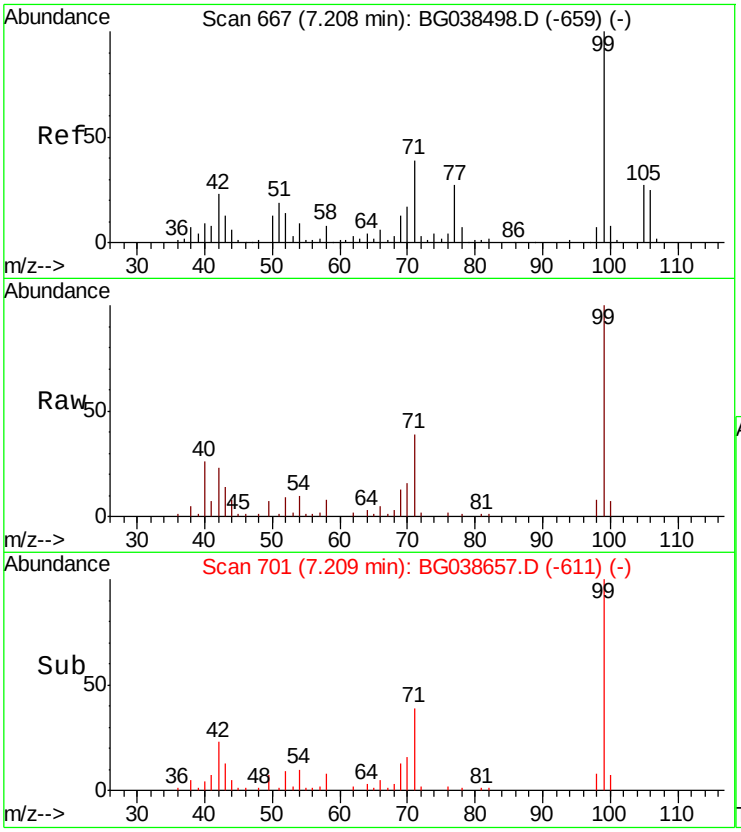


#5
2-Fluorophenol
Concen: 62.599 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:112 Resp: 64429

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.4	80.2
63	38.2	29.3	43.9



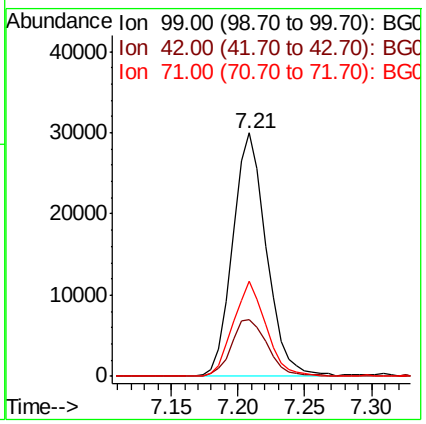


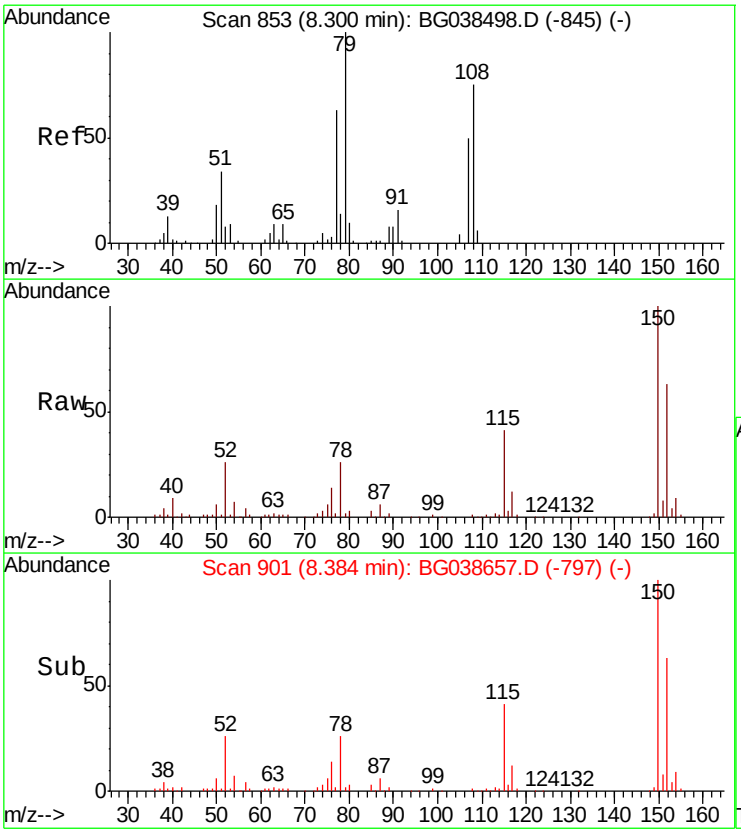
#7
Phenol-d6
Concen: 37.172 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion: 99 Resp: 52522

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.5	27.7
71	39.1	31.1	46.7

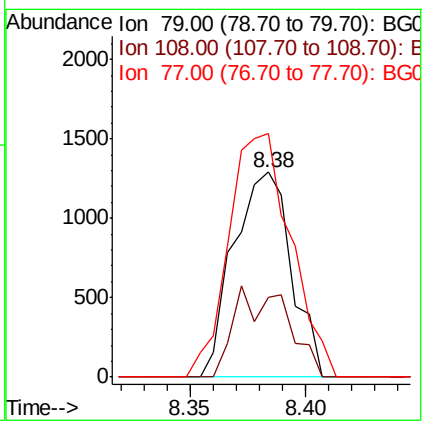


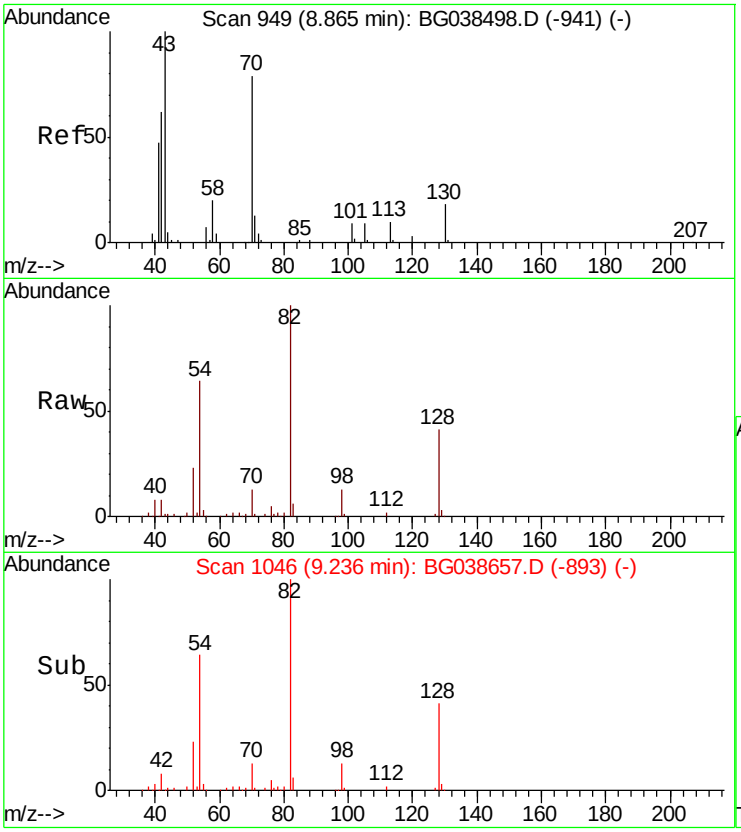


#15
Benzyl Alcohol
Concen: 2.026 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion: 79 Resp: 2234

Ion	Ratio	Lower	Upper
79	100		
108	39.0	60.2	90.4#
77	119.0	50.7	76.1#



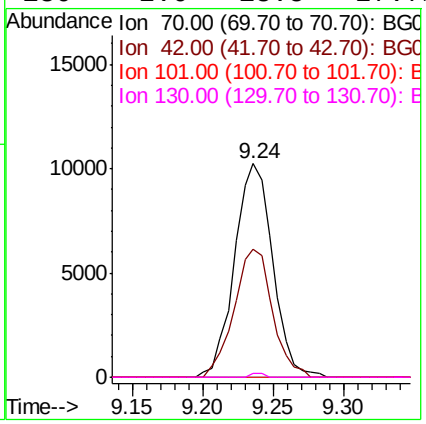


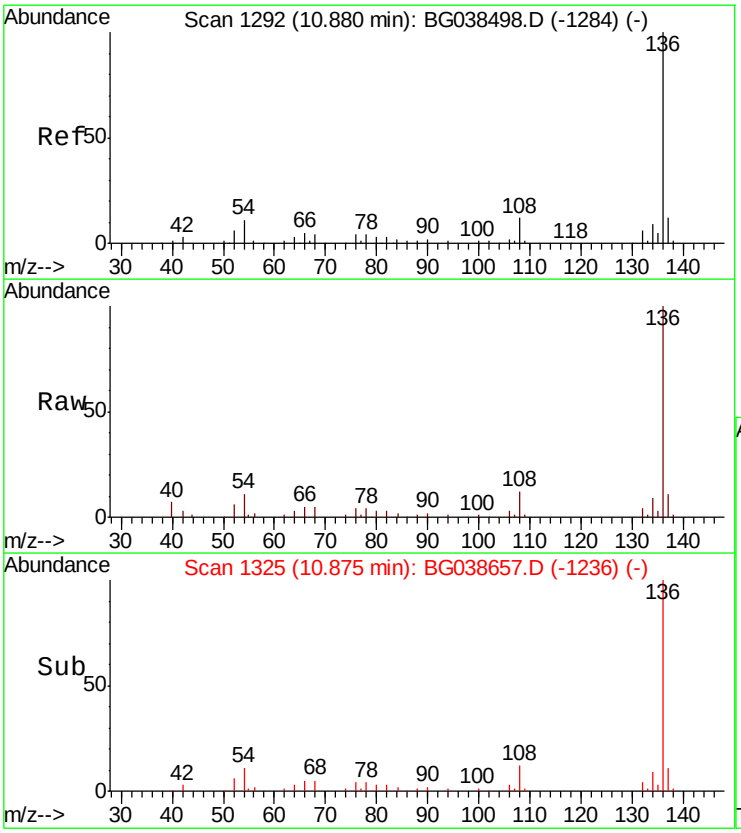
#19
n-Nitroso-di-n-propylamine
Concen: 19.492 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion: 70 Resp: 19343

Ion	Ratio	Lower	Upper
70	100		
42	60.0	63.6	95.4#
101	0.0	9.2	13.8#
130	2.0	18.5	27.7#

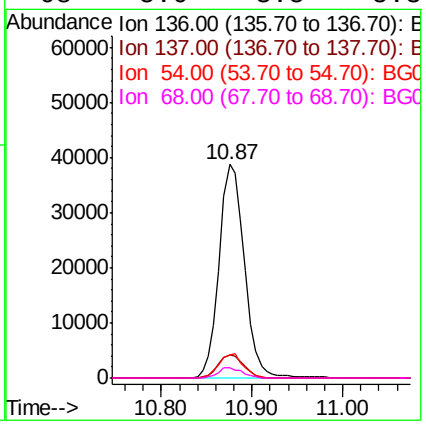


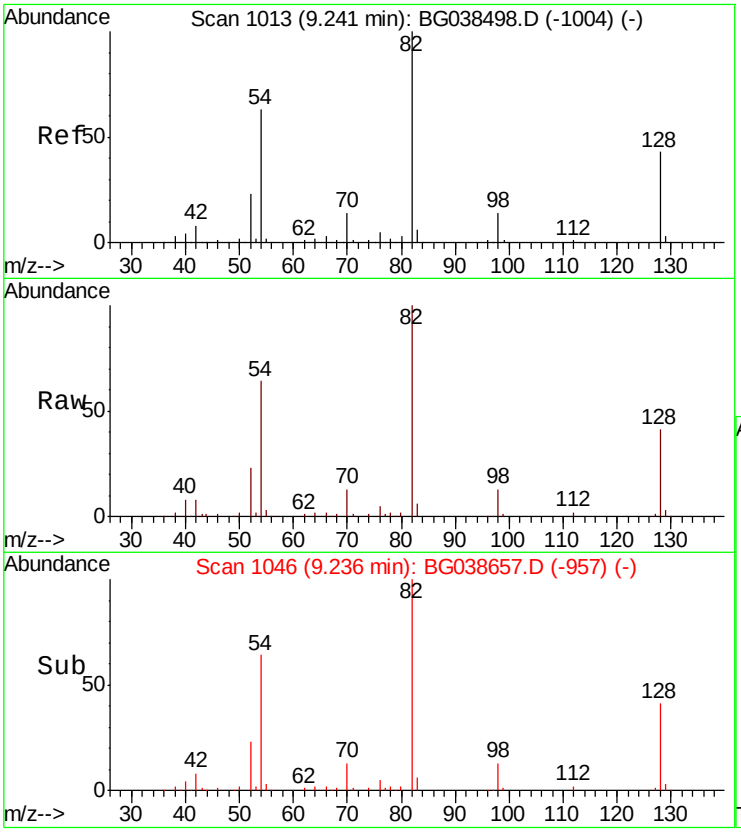


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:136 Resp: 75399

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	10.7	8.5	12.7
68	5.0	3.5	5.3



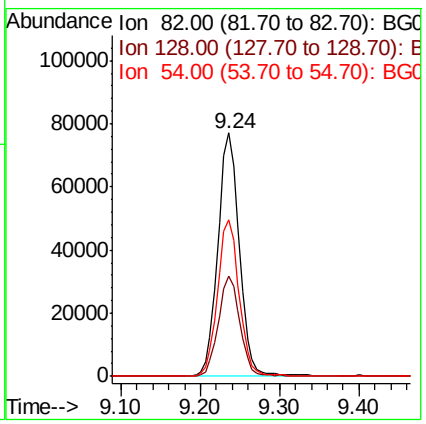


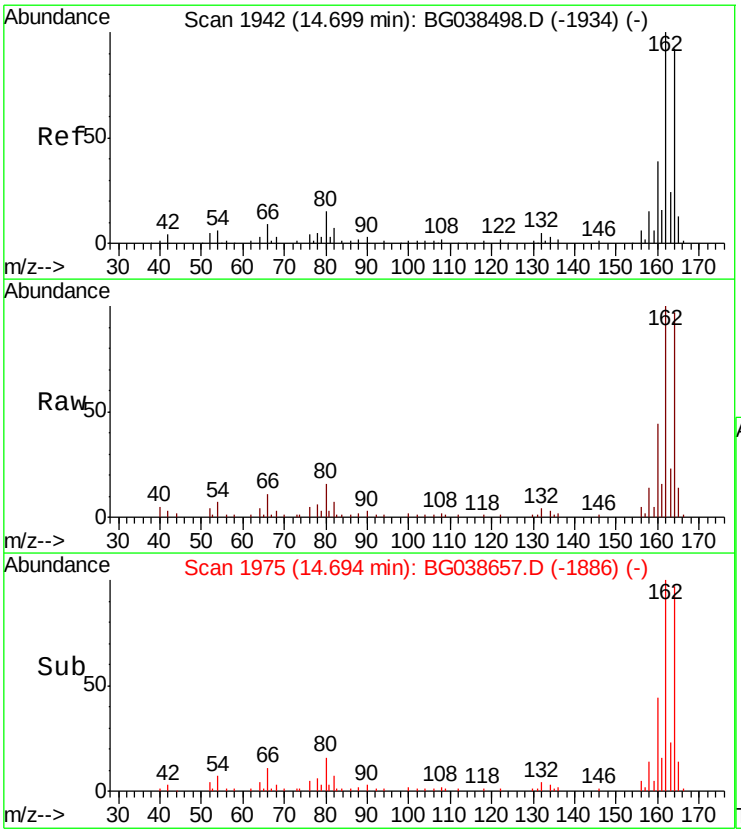
#23
Nitrobenzene-d5
Concen: 98.002 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion: 82 Resp: 144640

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	64.3	50.6	76.0

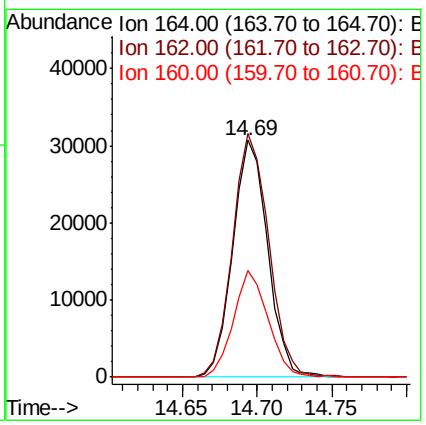


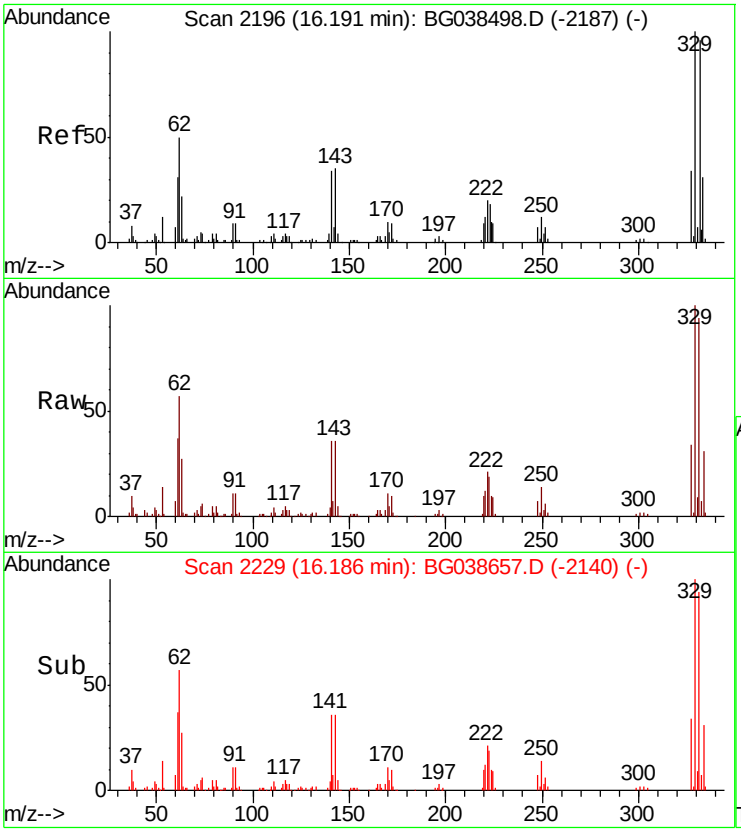


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:164 Resp: 49994

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.6	130.0
160	45.1	34.2	51.2



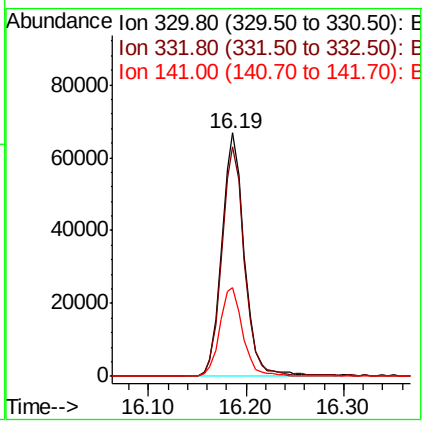


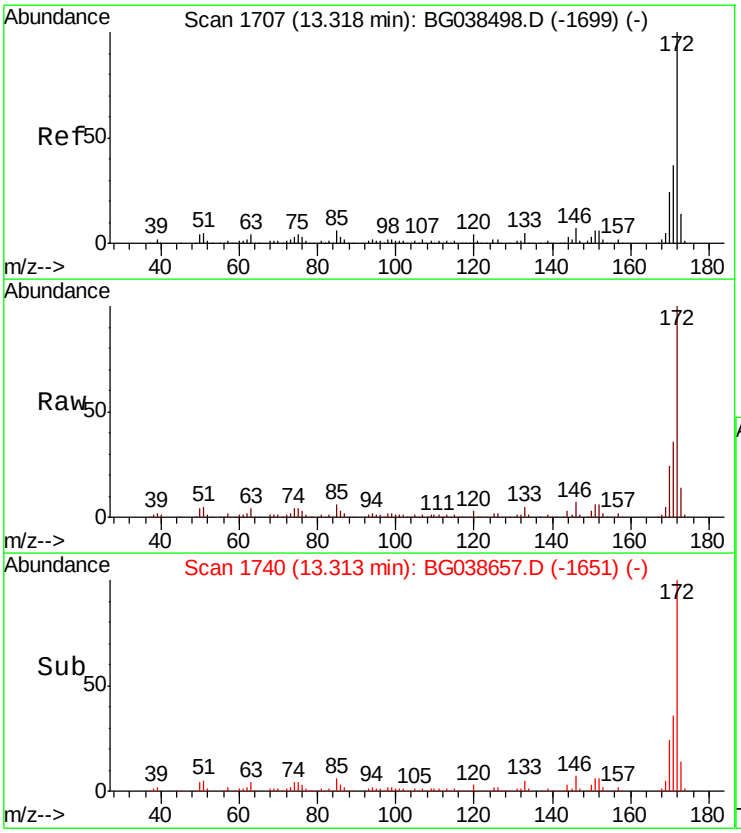
#42
2,4,6-Tribromophenol
Concen: 155.062 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion:330 Resp: 106839

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	37.2	28.8	43.2

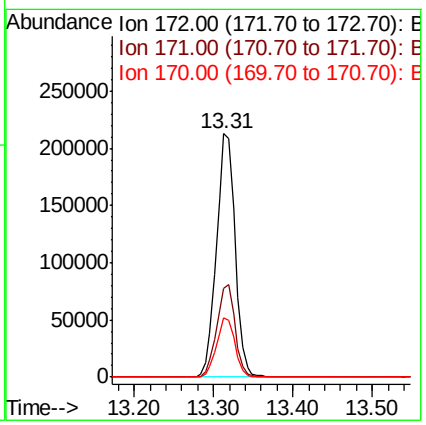


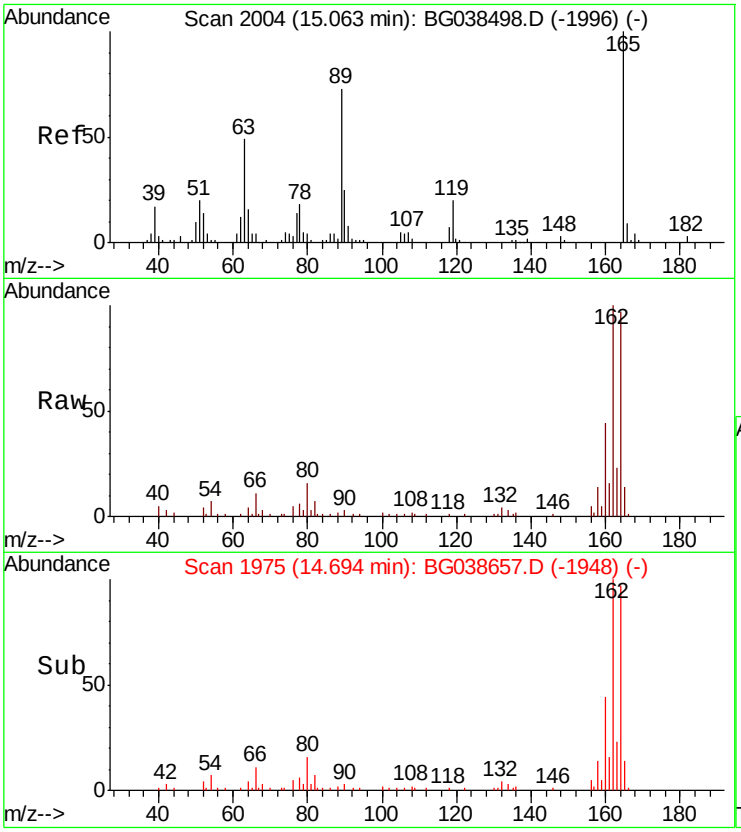


#45
2-Fluorobiphenyl
Concen: 95.408 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:172 Resp: 347692

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.2	19.5	29.3



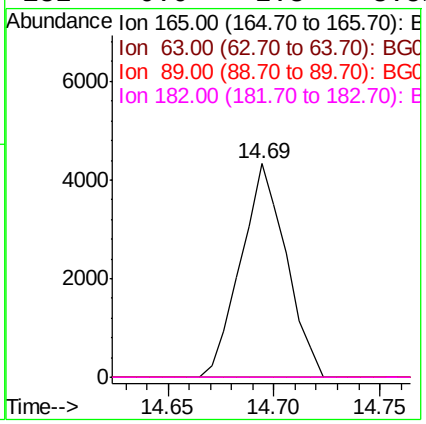


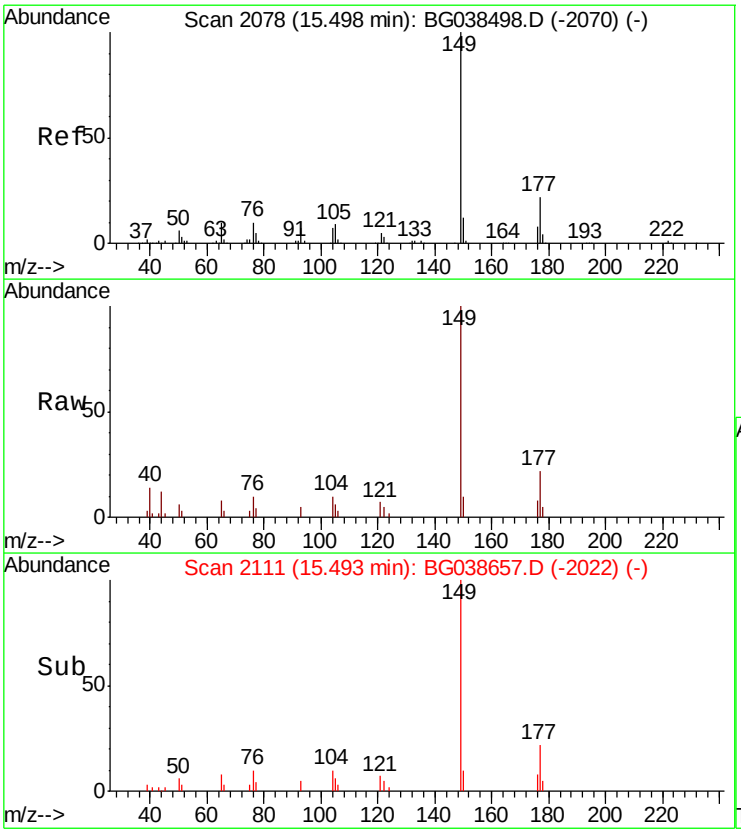
#57
2,4-Dinitrotoluene
Concen: 4.960 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion:165 Resp: 6464

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#

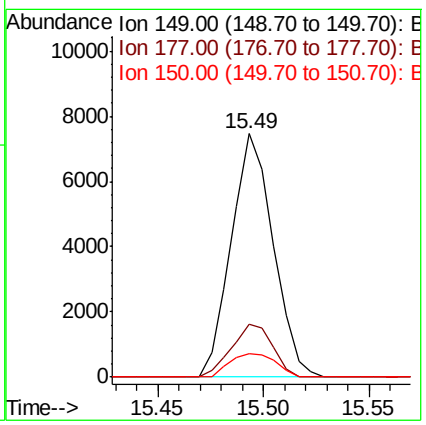


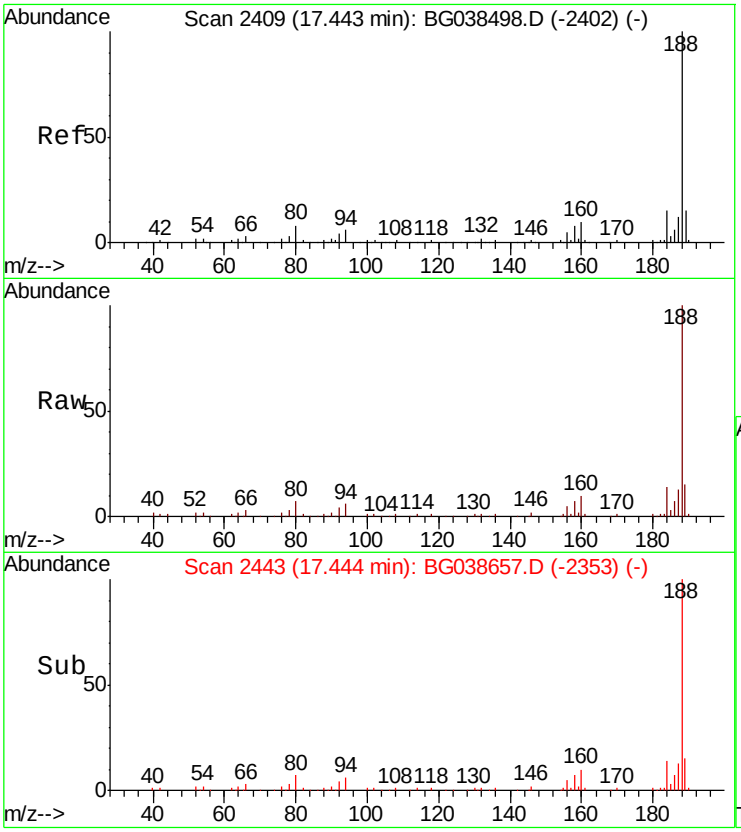


#60
Diethylphthalate
Concen: 2.290 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:149 Resp: 10262

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.7	26.5
150	9.8	9.9	14.9#



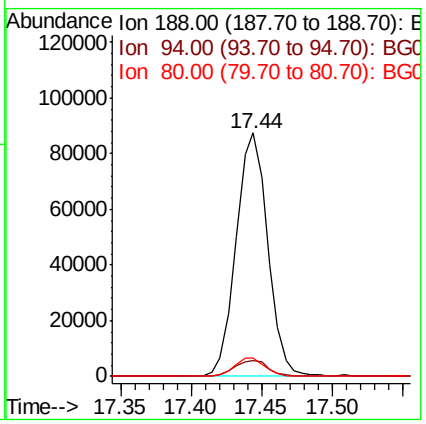


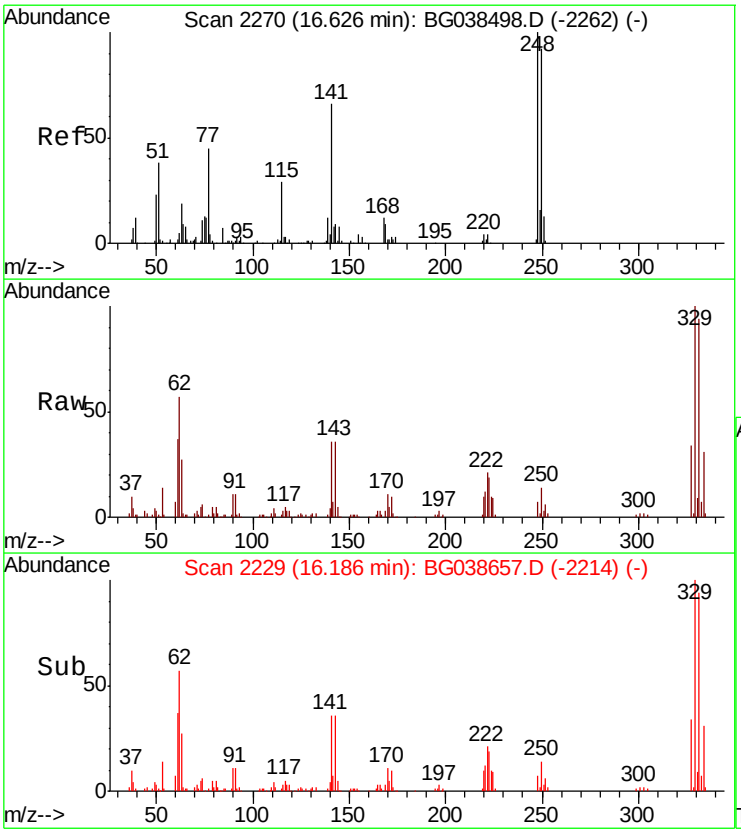
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion:188 Resp: 136802

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.3	6.1	9.1

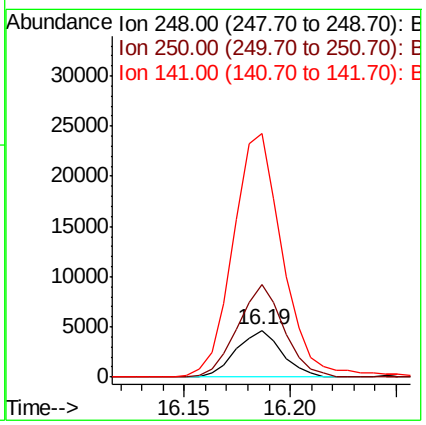


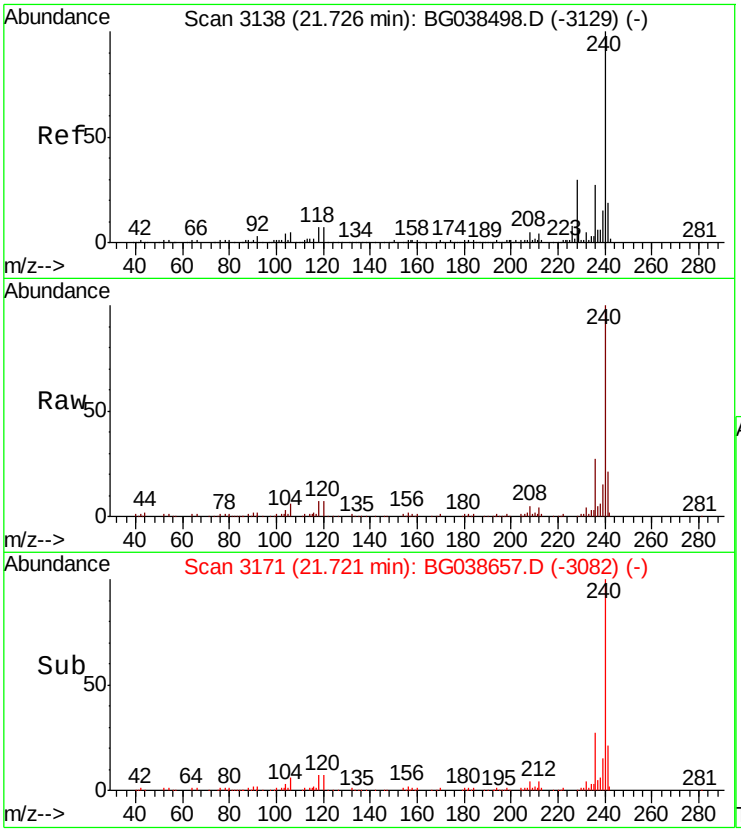


#67
4-Bromophenyl-phenylether
Concen: 4.130 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:248 Resp: 6900

Ion	Ratio	Lower	Upper
248	100		
250	188.8	73.4	110.2#
141	397.4	52.9	79.3#



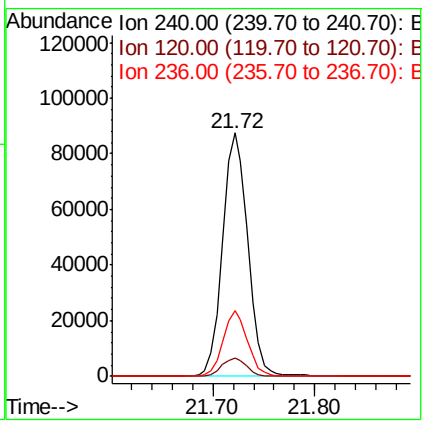


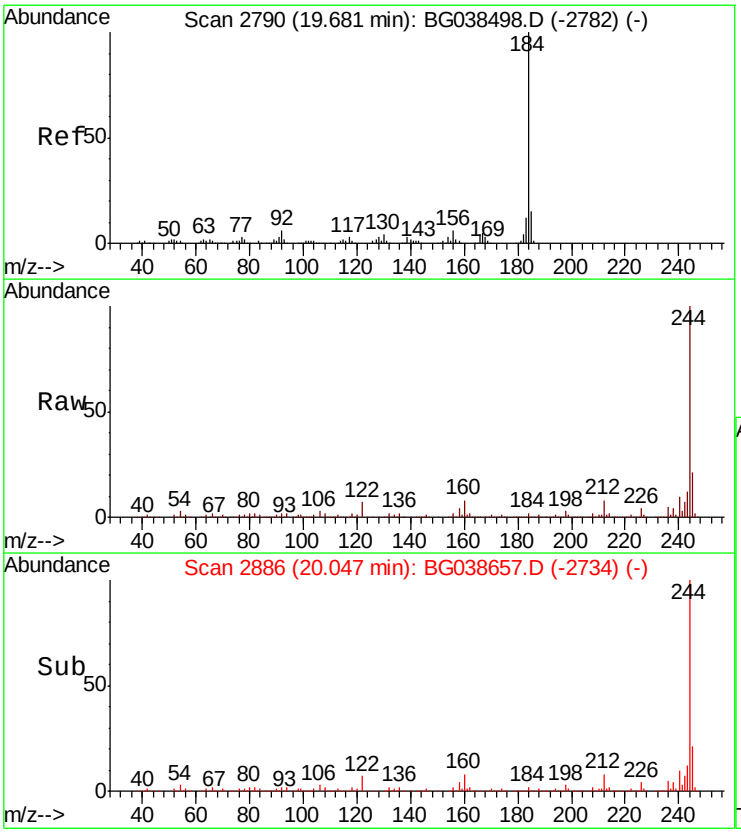
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion:240 Resp: 150417

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	27.0	21.4	32.2

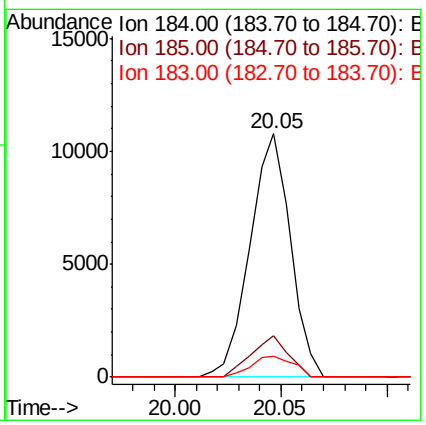


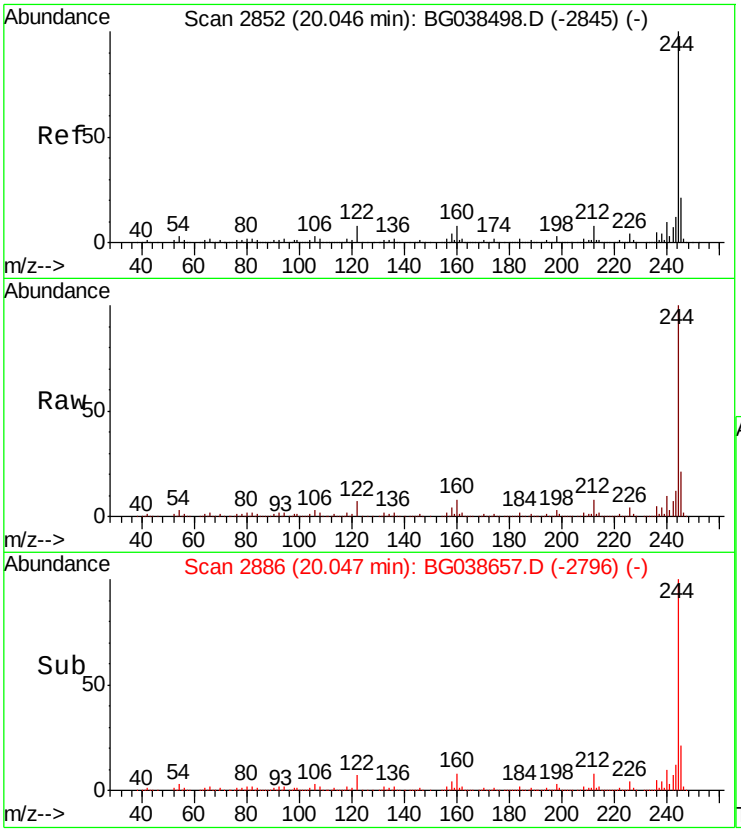


#77
Benzidine
Concen: 3.224 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:184 Resp: 14340

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.2	18.2
183	8.8	9.6	14.4#



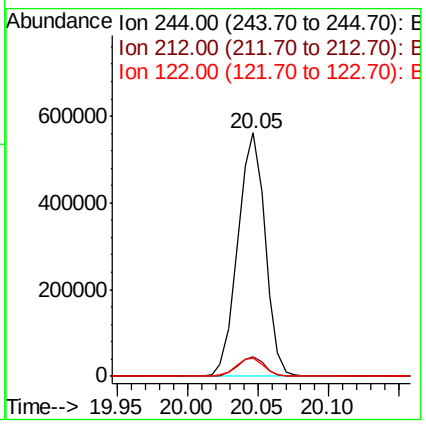


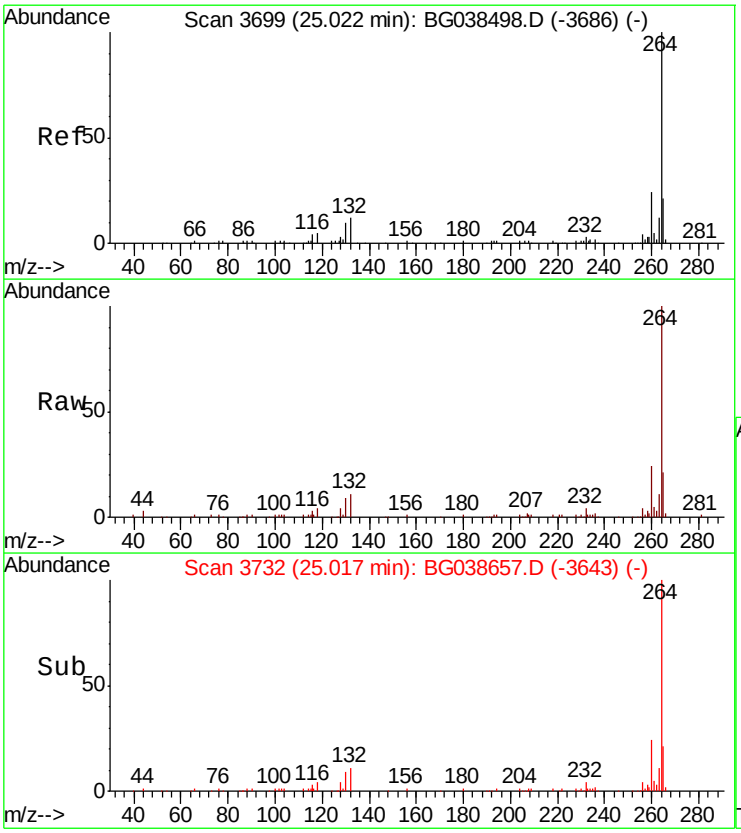
#79
Terphenyl-d14
Concen: 110.035 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

Tgt Ion:244 Resp: 760508

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.4	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: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion:264 Resp: 156462

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	20.7	17.0	25.4