Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

Quantitation Report (Not Reviewed)

Data File : BG038816.D
Acq On : 22 Dec 2018 13:56
Operator : JU/SJ
Sample : J6520-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROLLOFF-165

Quant Time: Dec 24 03:55:46 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	26612	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	112185	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75964	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	175682	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161260	20.00	ng	0.00
87) Perylene-d12	25.03	264	172511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	215194	143.42	ng	0.01
7) Phenol-d6	7.22	99	271941	132.03	ng	0.01
23) Nitrobenzene-d5	9.24	82	223384	101.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	162941	155.64	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	605194	109.29	ng	0.00
79) Terphenyl-d14	20.05	244	949699	128.17	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	3560	2.214	ng	# 61
19) n-Nitroso-di-n-propylamine	9.24	70	30430	21.035	ng	# 68
51) 2,6-Dinitrotoluene	14.70	165	10072	7.165	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	10072	5.087	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	9885	4.607	ng	# 1
77) Benzidine	20.05	184	16124	3.381	ng	# 94

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

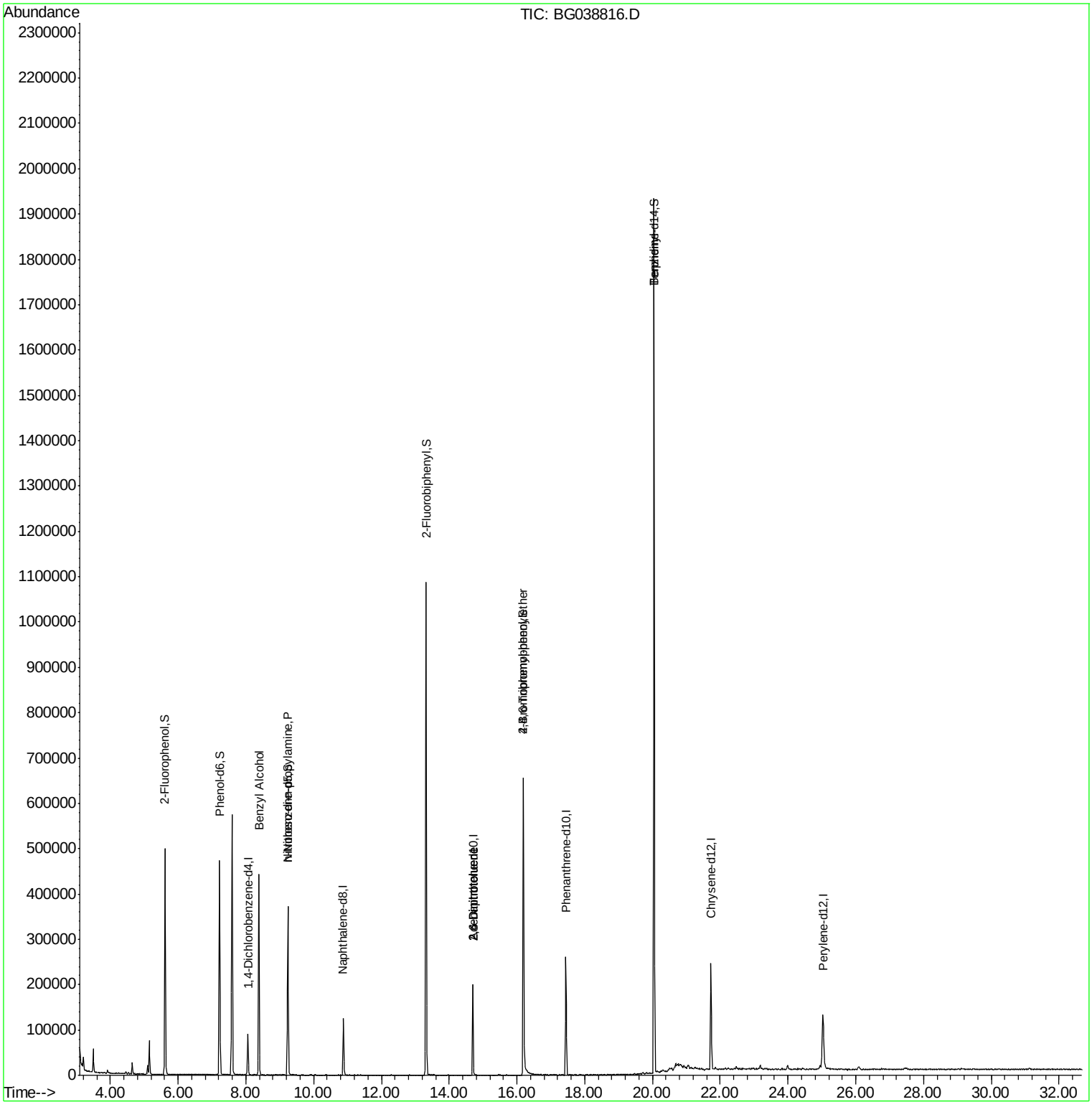
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

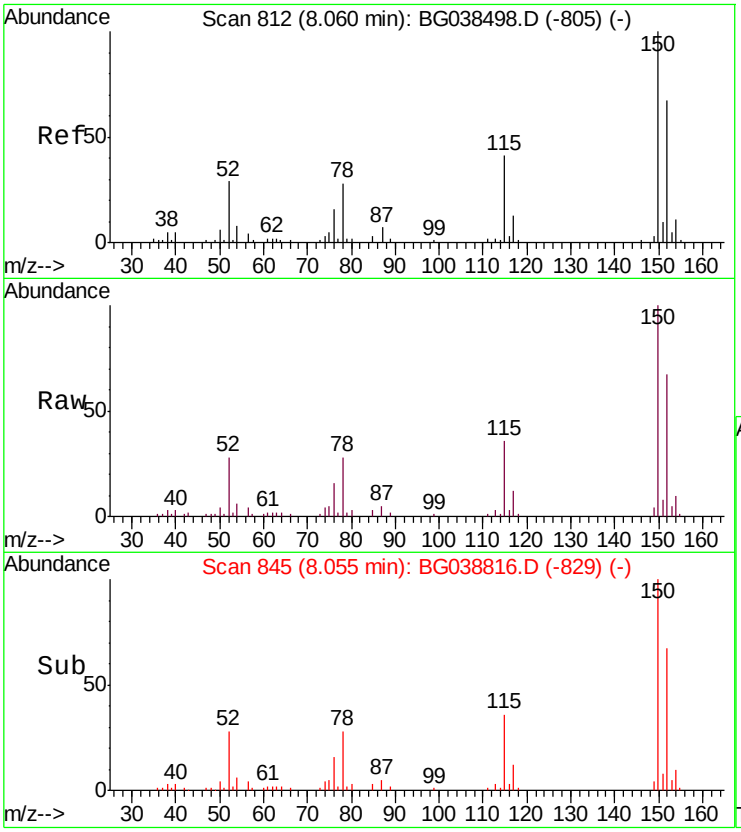
Quantitation Report (Not Reviewed)

Data File : BG038816.D
Acq On : 22 Dec 2018 13:56
Operator : JU/SJ
Sample : J6520-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Quant Time: Dec 24 03:55:46 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



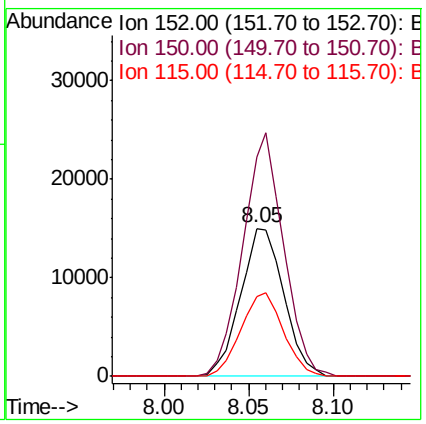


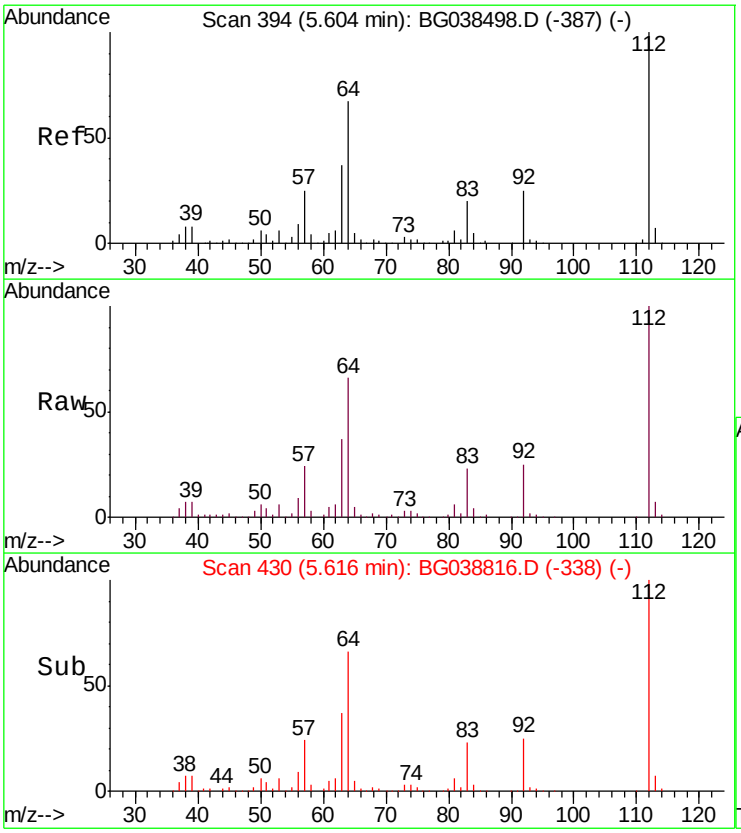
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion:152 Resp: 26612

Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	53.6	49.6	74.4

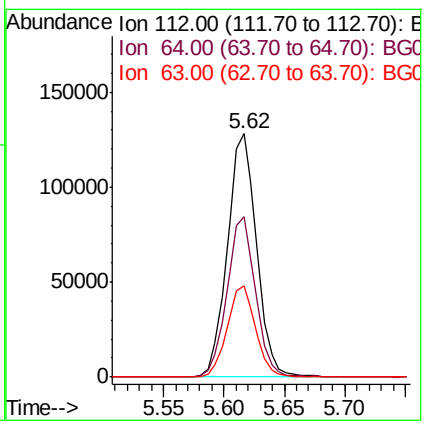


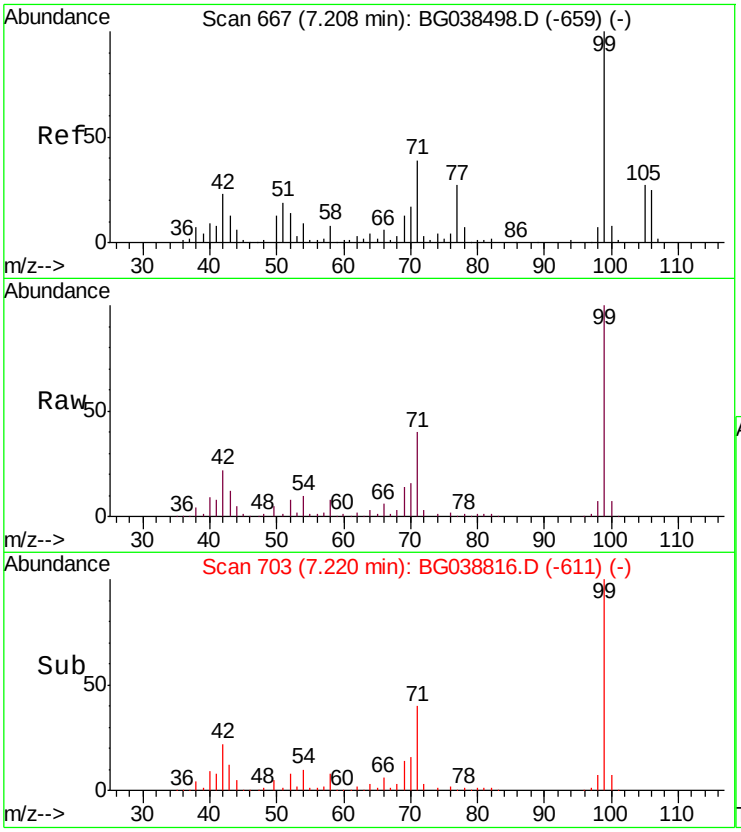


#5
2-Fluorophenol
Concen: 143.424 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:112 Resp: 215194

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



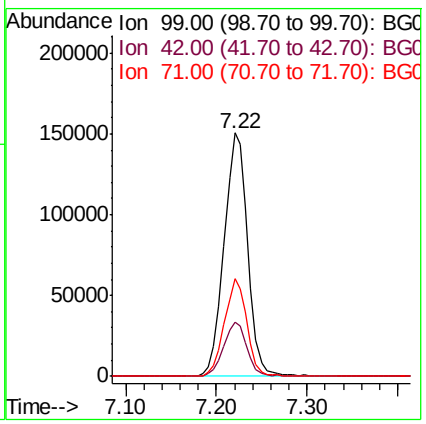


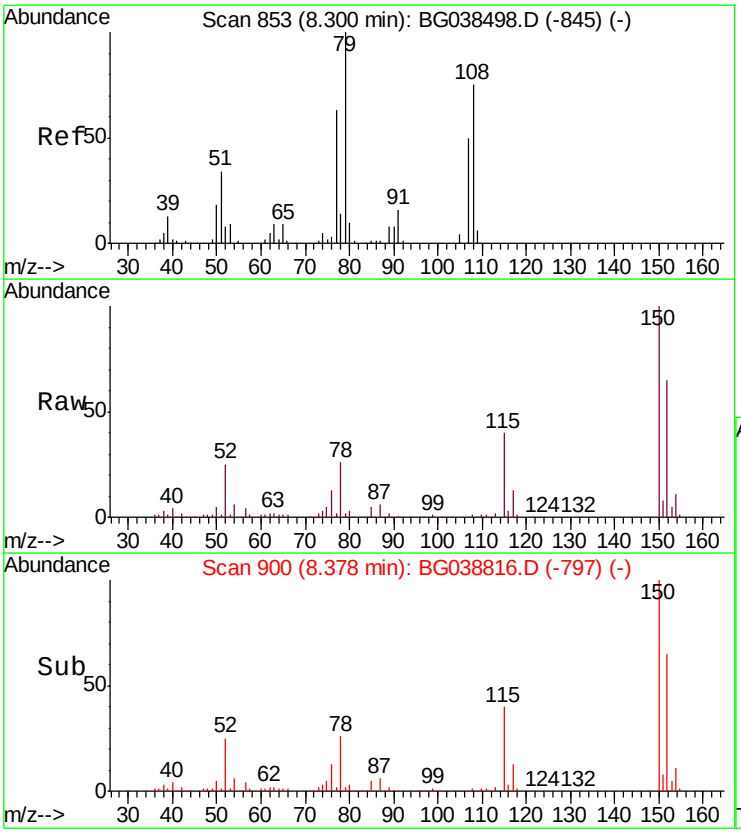
#7
Phenol-d6
Concen: 132.025 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion: 99 Resp: 271941

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.5	27.7
71	40.2	31.1	46.7

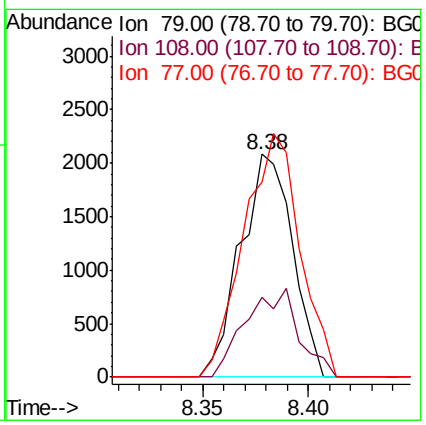


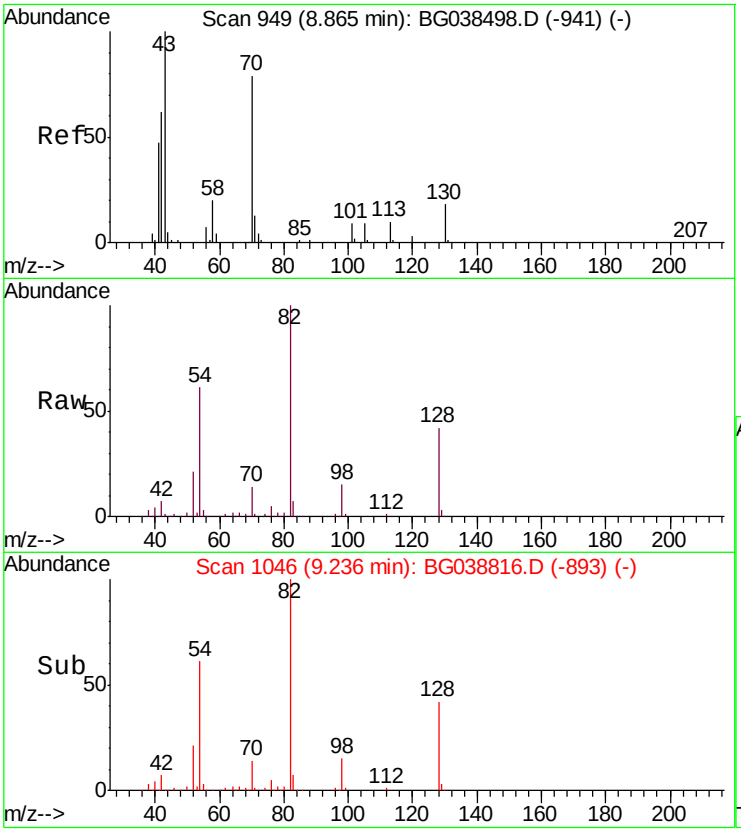


#15
Benzyl Alcohol
Concen: 2.214 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.08 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion: 79 Resp: 3560

Ion	Ratio	Lower	Upper
79	100		
108	36.0	60.2	90.4#
77	87.3	50.7	76.1#



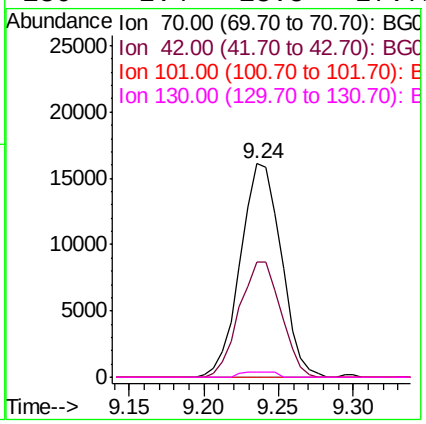


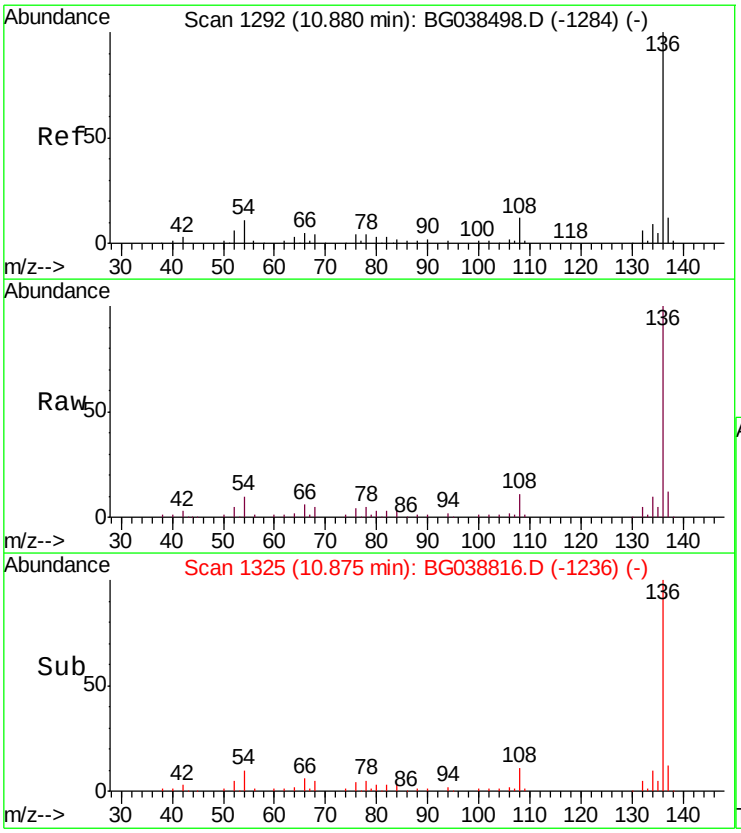
#19
n-Nitroso-di-n-propylamine
Concen: 21.035 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion: 70 Resp: 30430

Ion	Ratio	Lower	Upper
70	100		
42	54.0	63.6	95.4#
101	0.0	9.2	13.8#
130	2.4	18.5	27.7#

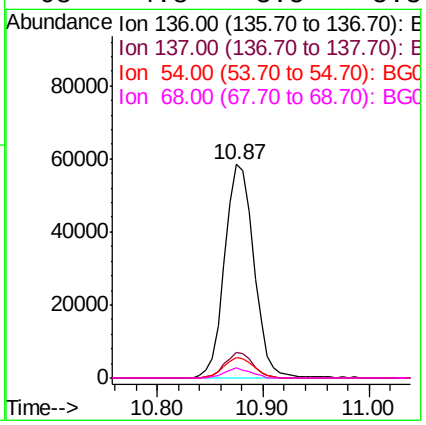


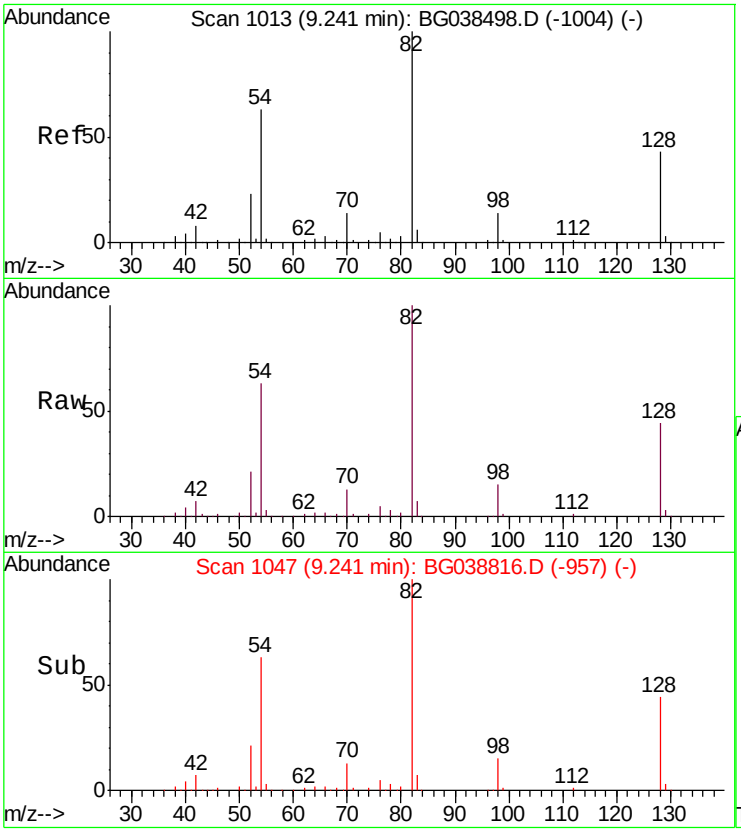


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:136 Resp: 112185

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	9.8	8.5	12.7
68	4.8	3.5	5.3



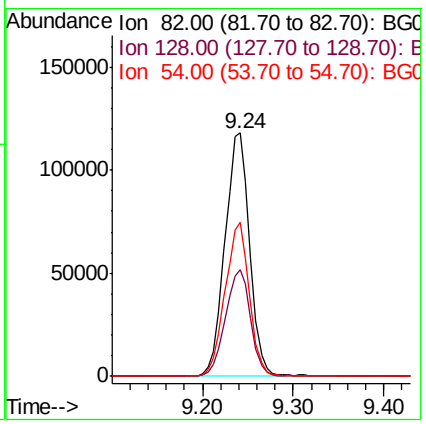


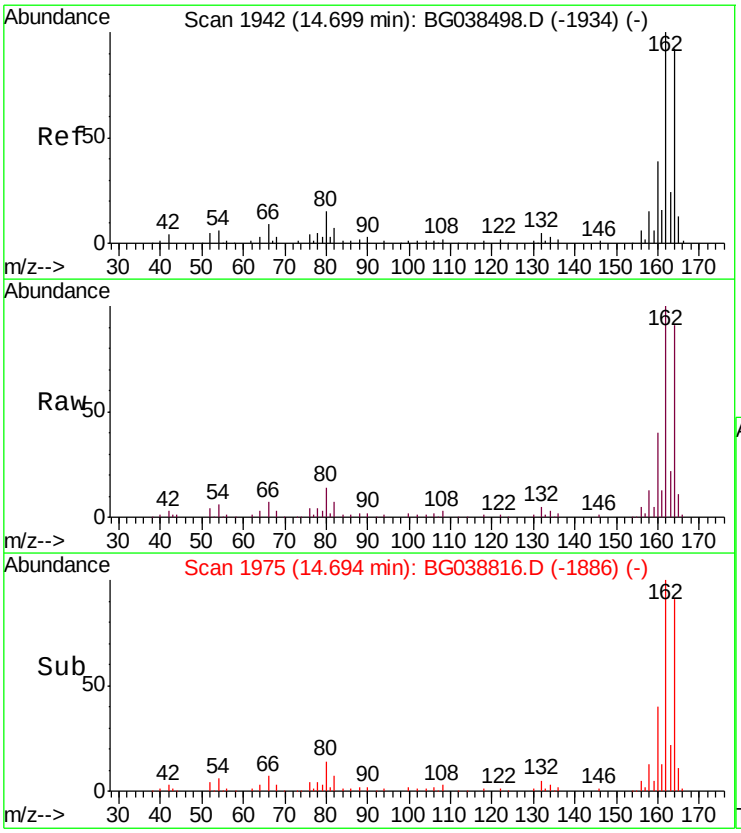
#23
Nitrobenzene-d5
Concen: 101.725 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion: 82 Resp: 223384

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	63.1	50.6	76.0

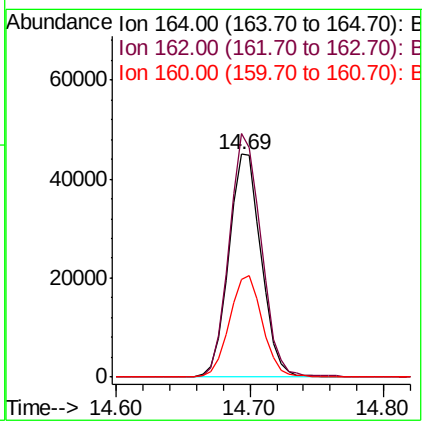


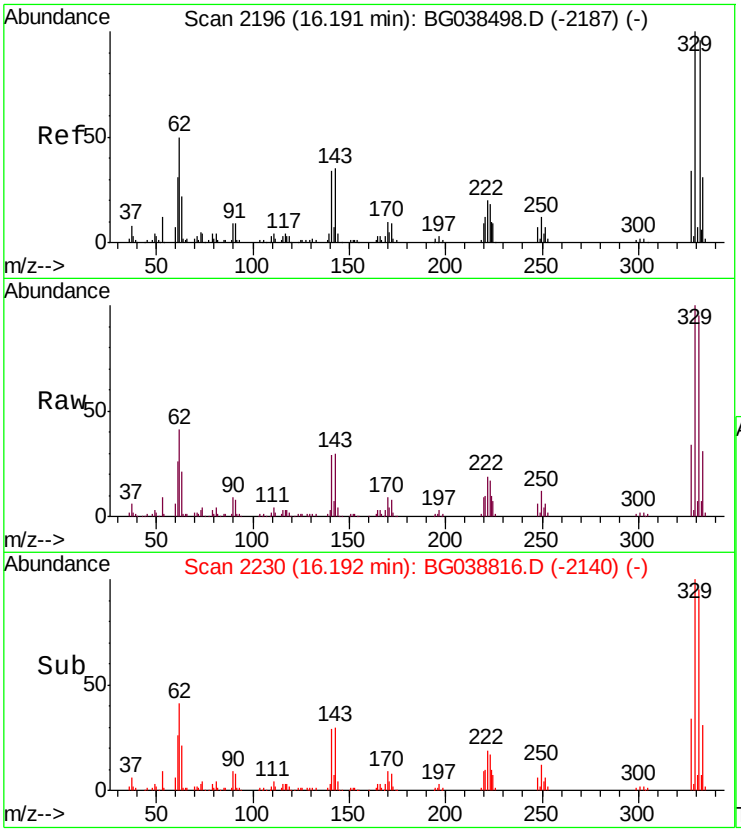


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:164 Resp: 75964

Ion	Ratio	Lower	Upper
164	100		
162	109.3	86.6	130.0
160	43.8	34.2	51.2



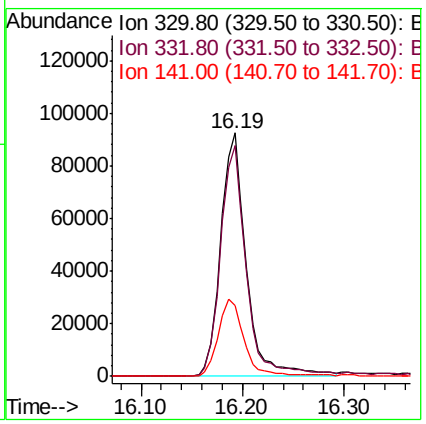


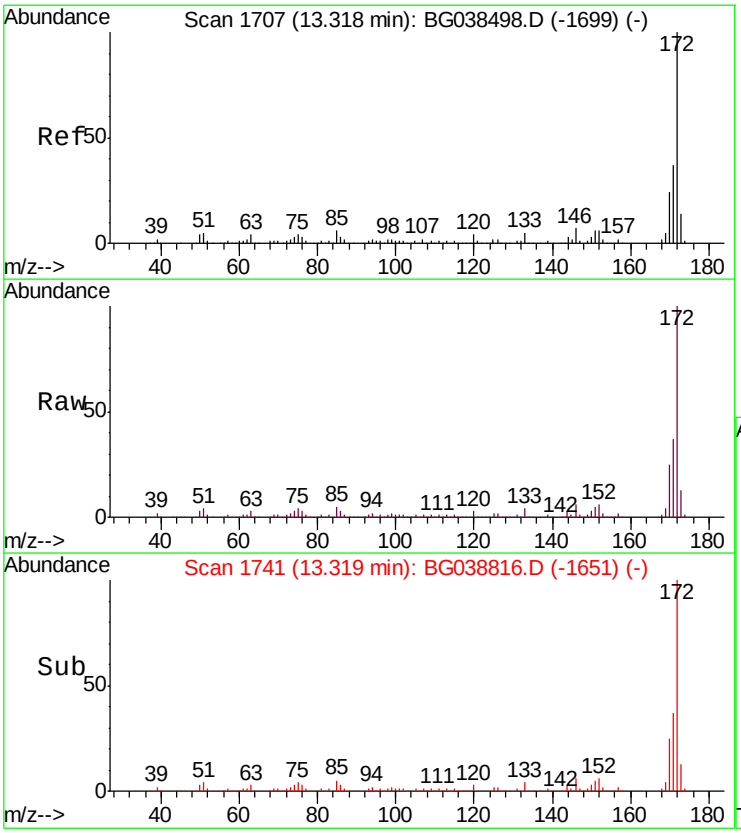
#42
2,4,6-Tribromophenol
Concen: 155.638 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion:330 Resp: 162941

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	32.3	28.8	43.2

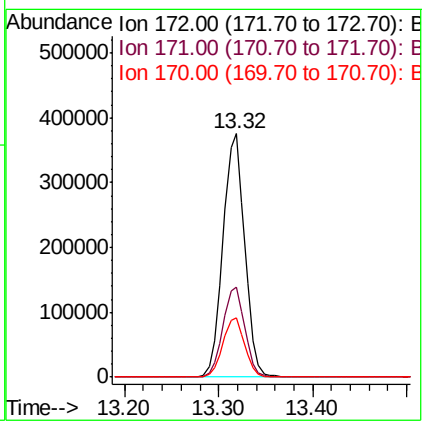


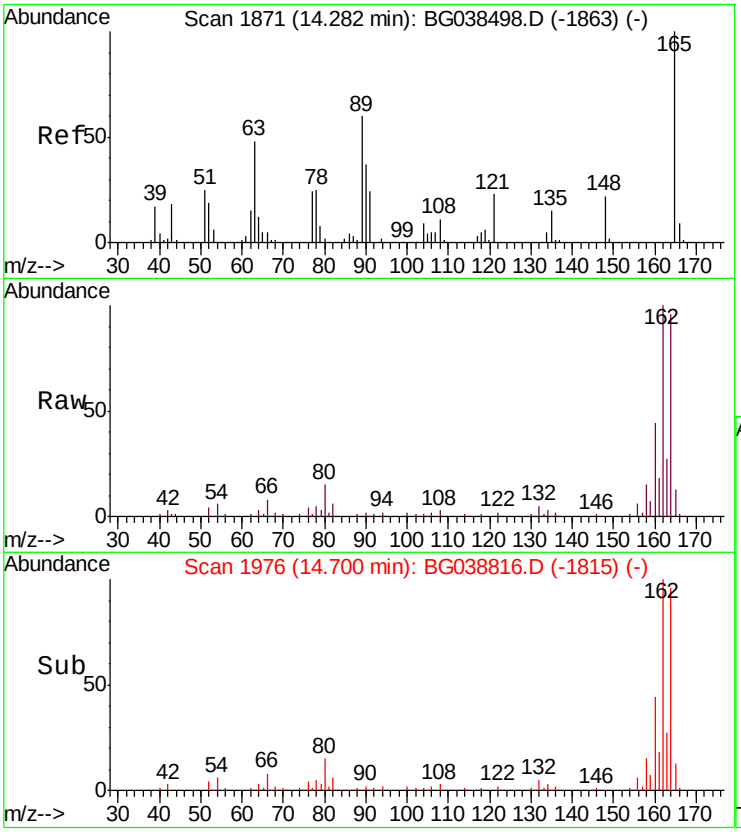


#45
2-Fluorobiphenyl
Concen: 109.293 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:172 Resp: 605194

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.6	19.5	29.3



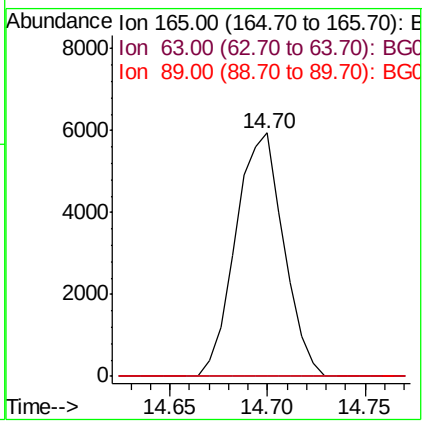


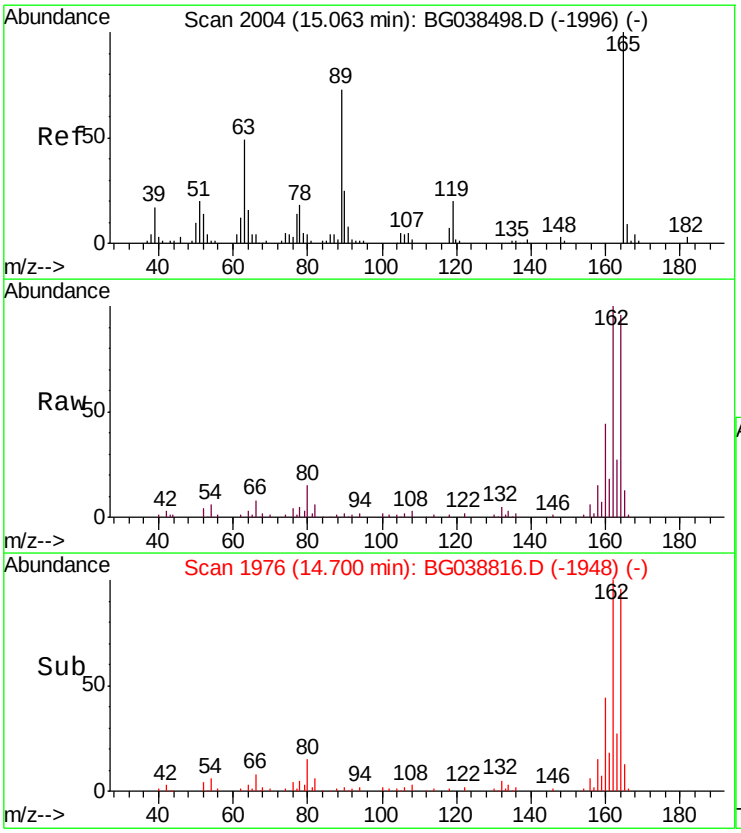
#51
2,6-Dinitrotoluene
Concen: 7.165 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion:165 Resp: 10072

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

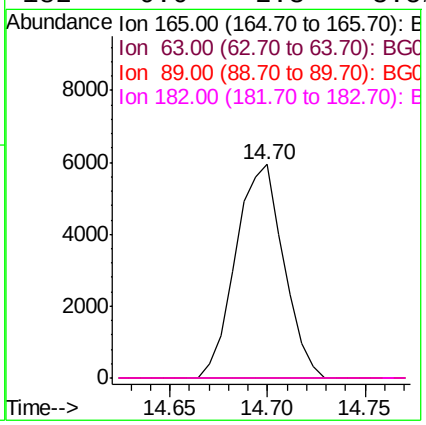


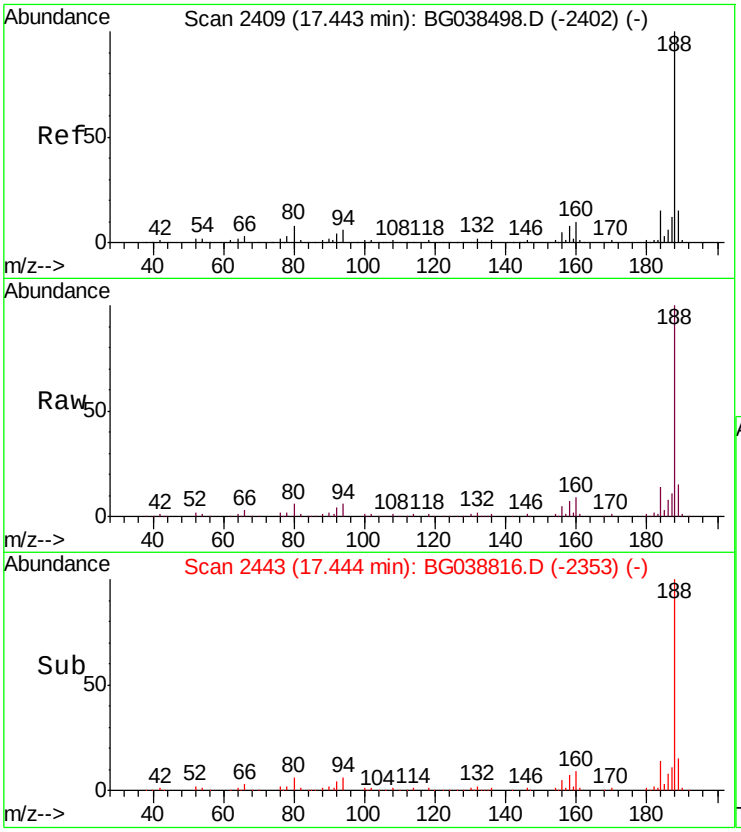


#57
2,4-Dinitrotoluene
Concen: 5.087 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:165 Resp: 10072

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#



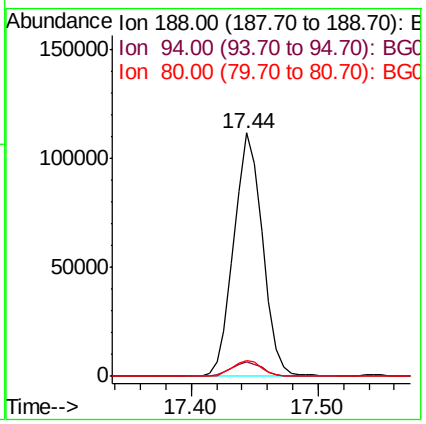


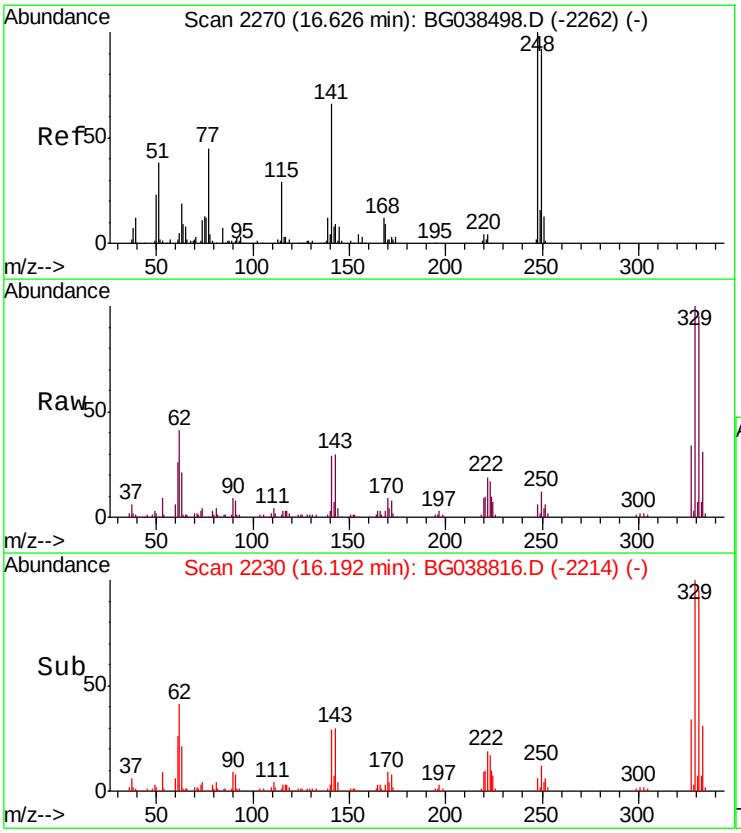
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion:188 Resp: 175682

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	6.4	6.1	9.1

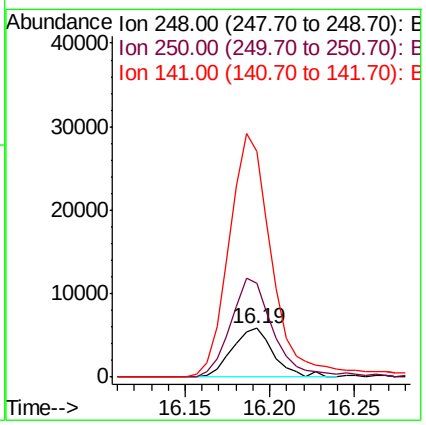


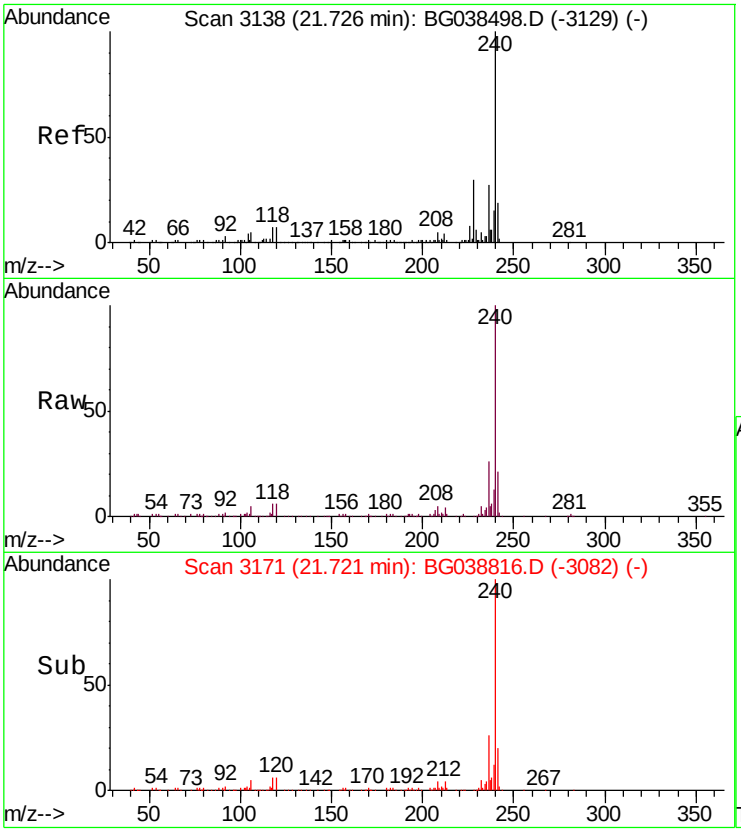


#67
4-Bromophenyl-phenylether
Concen: 4.607 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.43 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:248 Resp: 9885

Ion	Ratio	Lower	Upper
248	100		
250	185.5	73.4	110.2#
141	338.9	52.9	79.3#



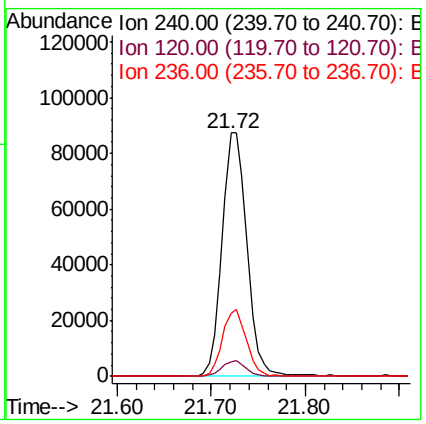


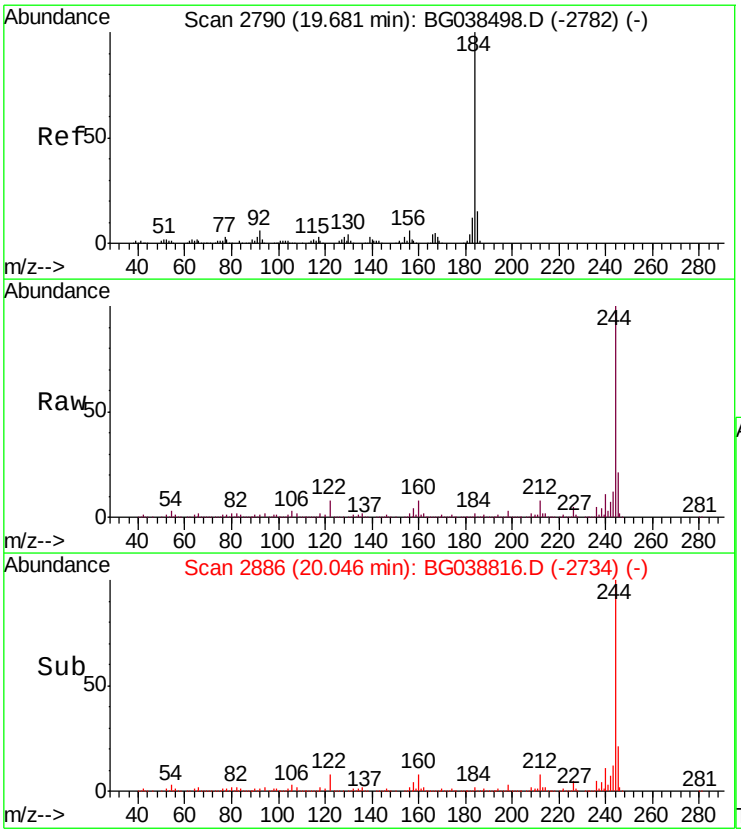
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion:240 Resp: 161260

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.3	7.9
236	25.7	21.4	32.2

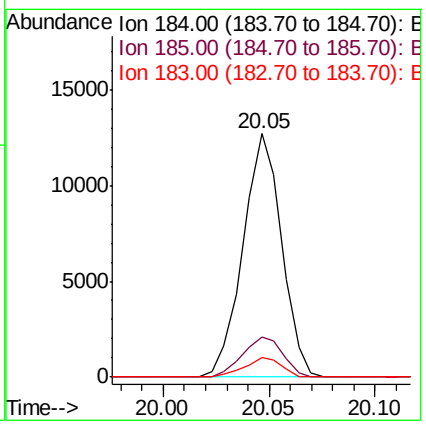


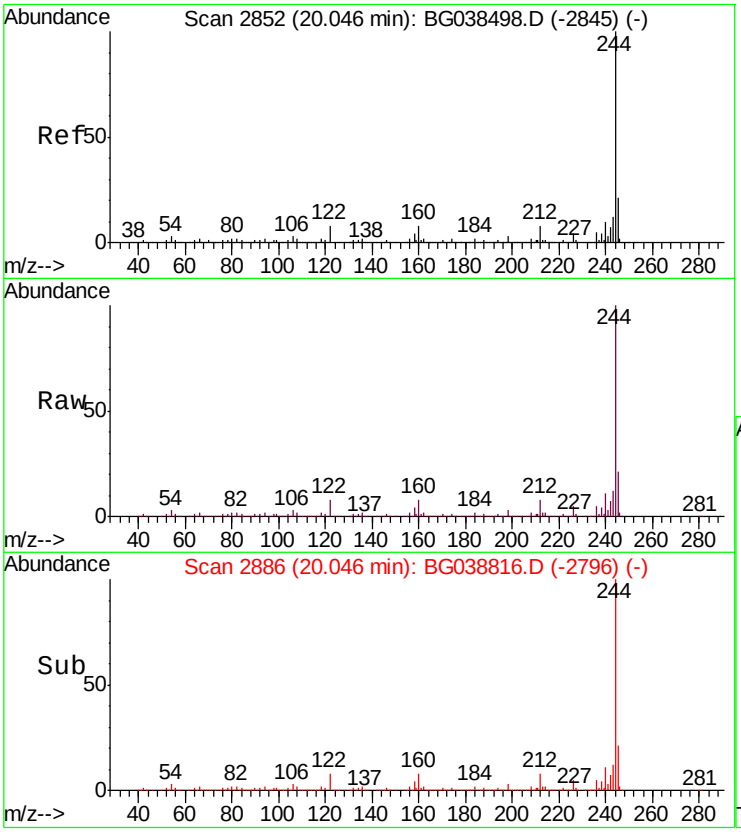


#77
Benzidine
Concen: 3.381 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:184 Resp: 16124

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.2
183	8.0	9.6	14.4#



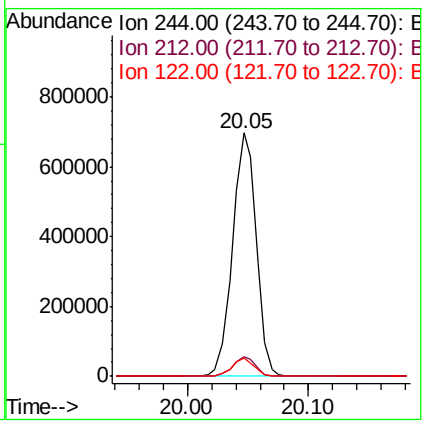


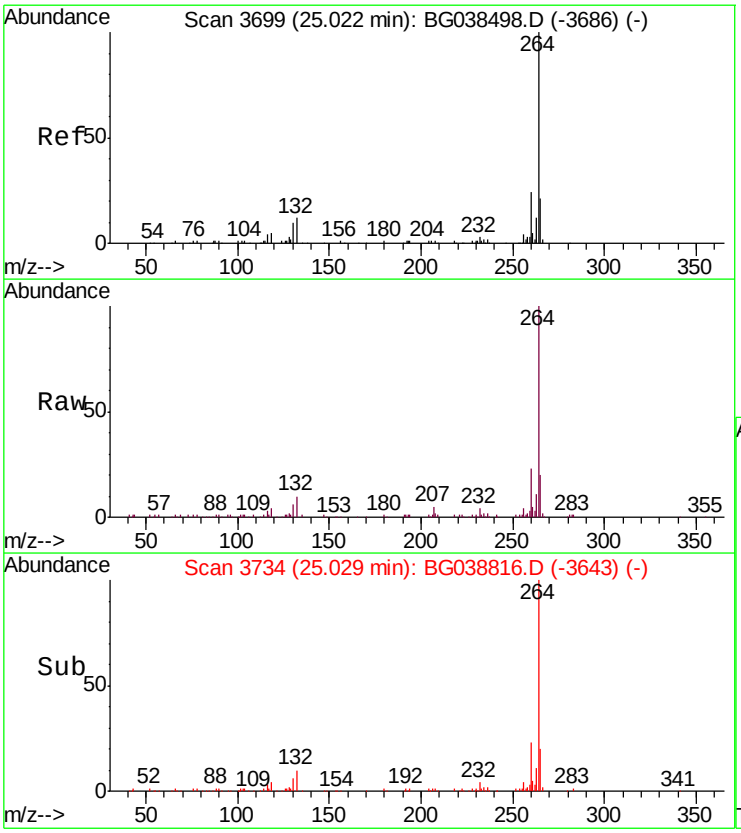
#79
Terphenyl-d14
Concen: 128.169 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-165

Tgt Ion:244 Resp: 949699

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	7.5	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BG038816.D
Acq: 22 Dec 2018 13:56

Tgt Ion:264 Resp: 172511

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	20.3	17.0	25.4