Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038887.D
Acq On : 28 Dec 2018 23:45
Operator : JU/SJ
Sample : J6584-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 29 01:06:12 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	23940	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102379	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75315	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	184209	20.00	ng	0.00
76) Chrysene-d12	21.72	240	189546	20.00	ng	0.00
87) Perylene-d12	25.02	264	204920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	204257	151.33	ng	0.01
7) Phenol-d6	7.22	99	261590	141.17	ng	0.01
23) Nitrobenzene-d5	9.23	82	199429	99.52	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	145027	139.72	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	552682	100.67	ng	0.00
79) Terphenyl-d14	20.04	244	1022479	117.40	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	2935	2.029	ng	# 45
19) n-Nitroso-di-n-propylamine	9.23	70	26112	20.064	ng	# 67
32) Benzoic acid	10.20	122	54	10.209	ng	# 1
51) 2,6-Dinitrotoluene	14.69	165	9782	7.018	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9782	4.983	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	10175	4.523	ng	# 1
77) Benzidine	20.04	184	17325	3.091	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 : BG038887.D
Acq On : 28 Dec 2018 23:45
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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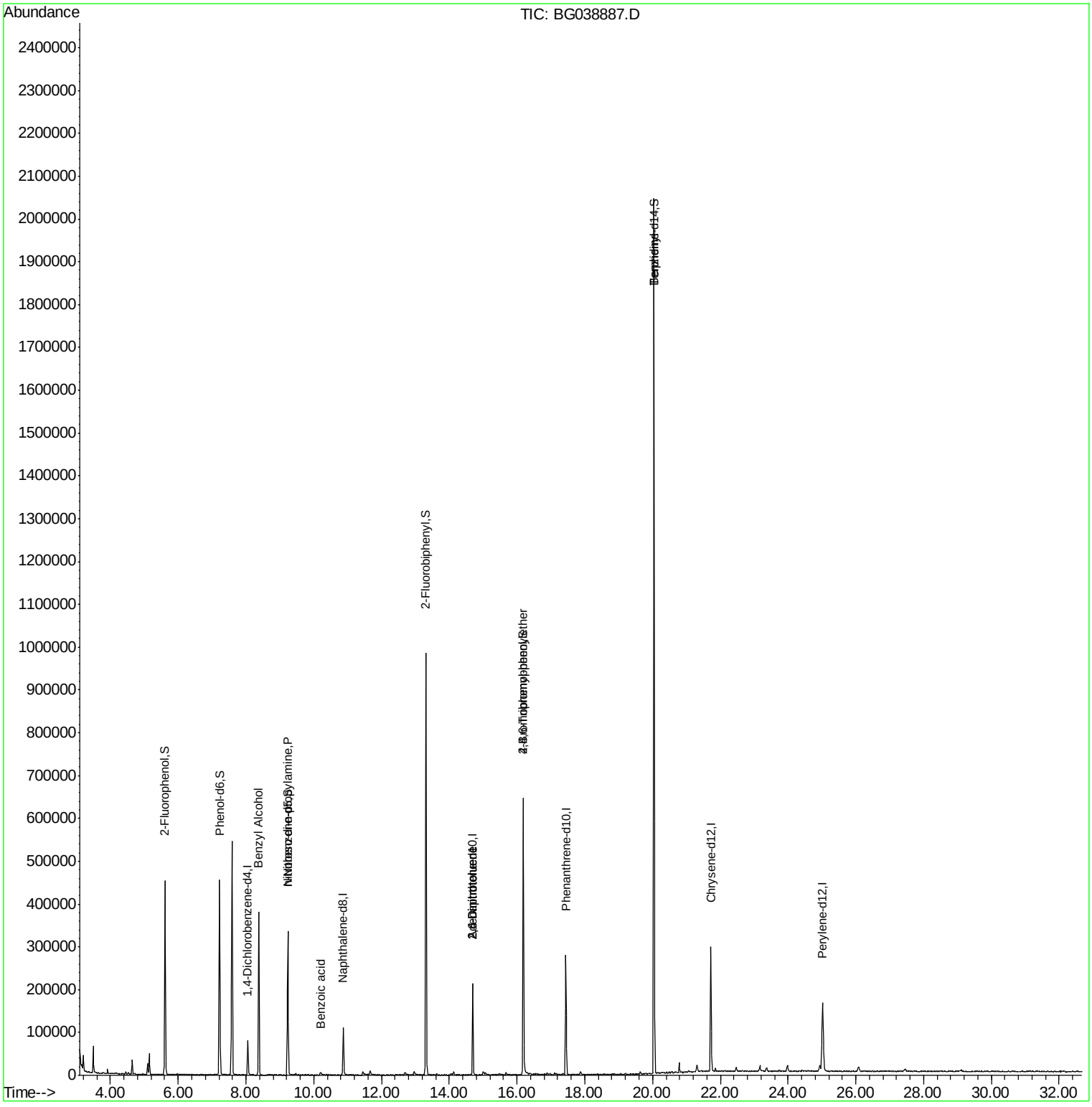
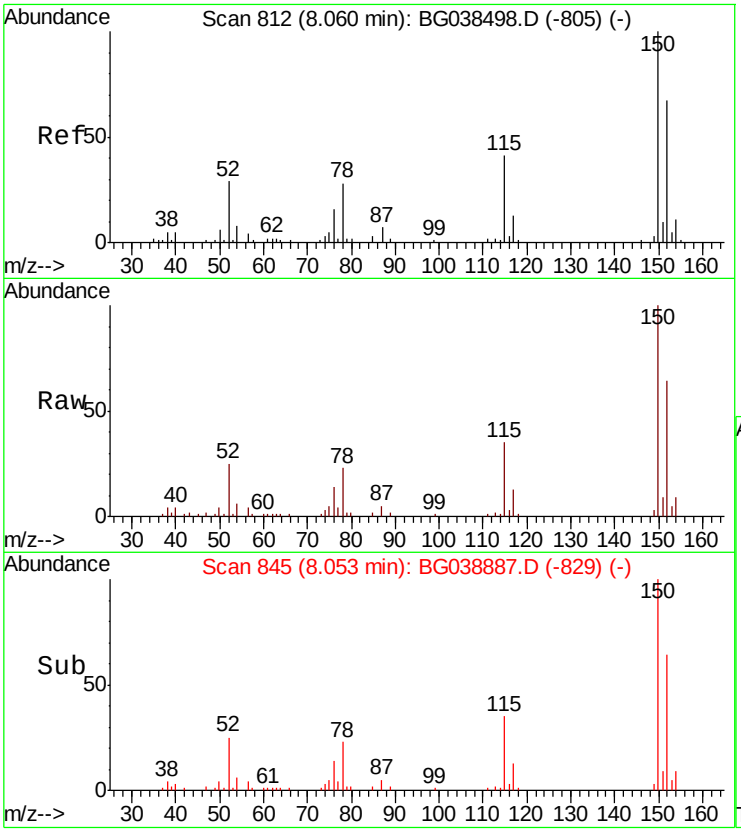
ClientSampleId :

Quant Time: Dec 29 01:06:12 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



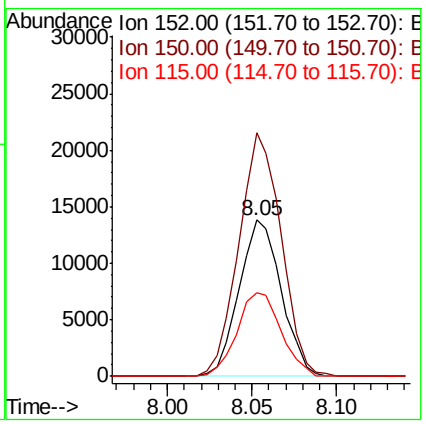


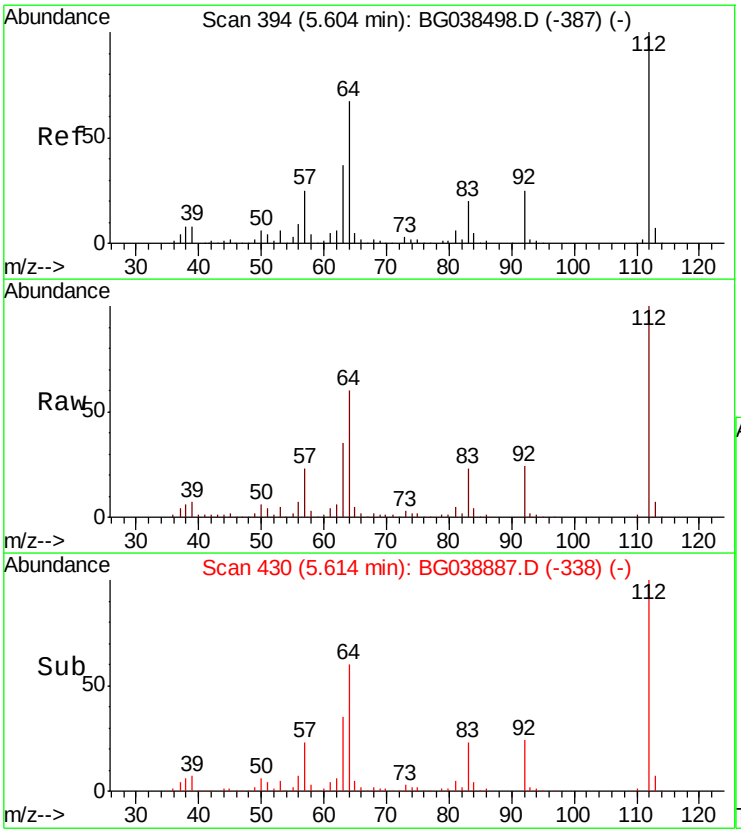
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23940

Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	53.8	49.6	74.4

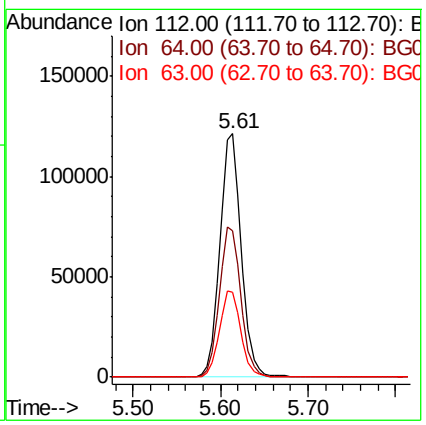


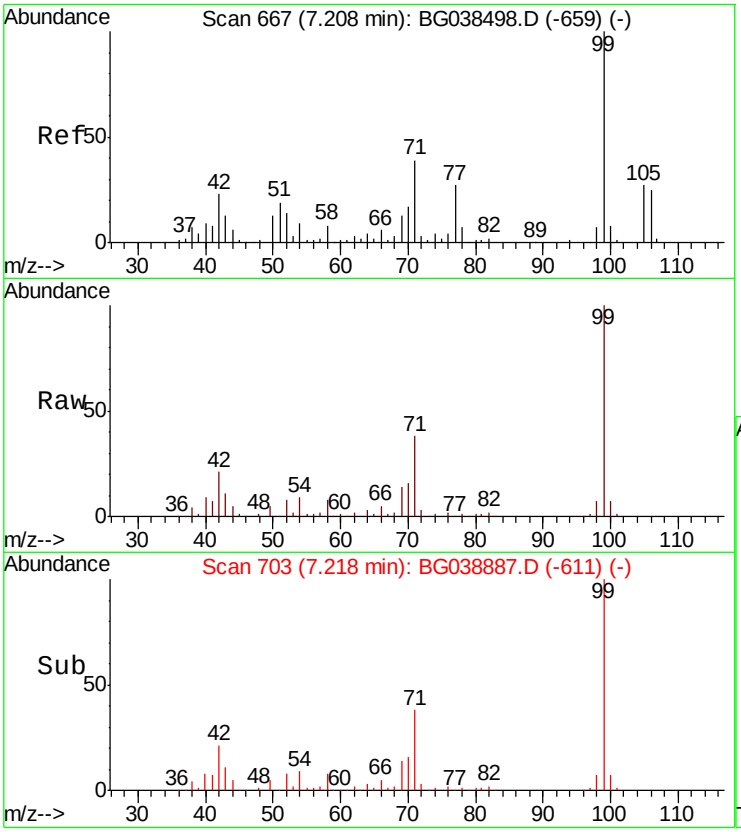


#5
2-Fluorophenol
Concen: 151.329 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:112 Resp: 204257

Ion	Ratio	Lower	Upper
112	100		
64	60.3	53.4	80.2
63	35.1	29.3	43.9



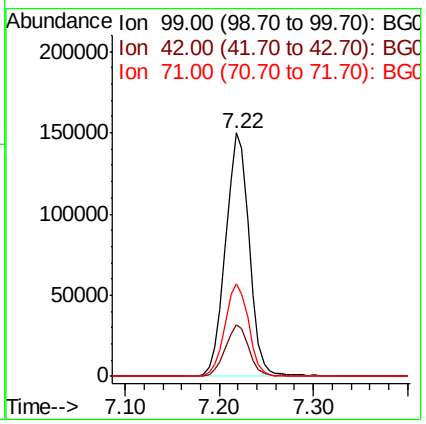


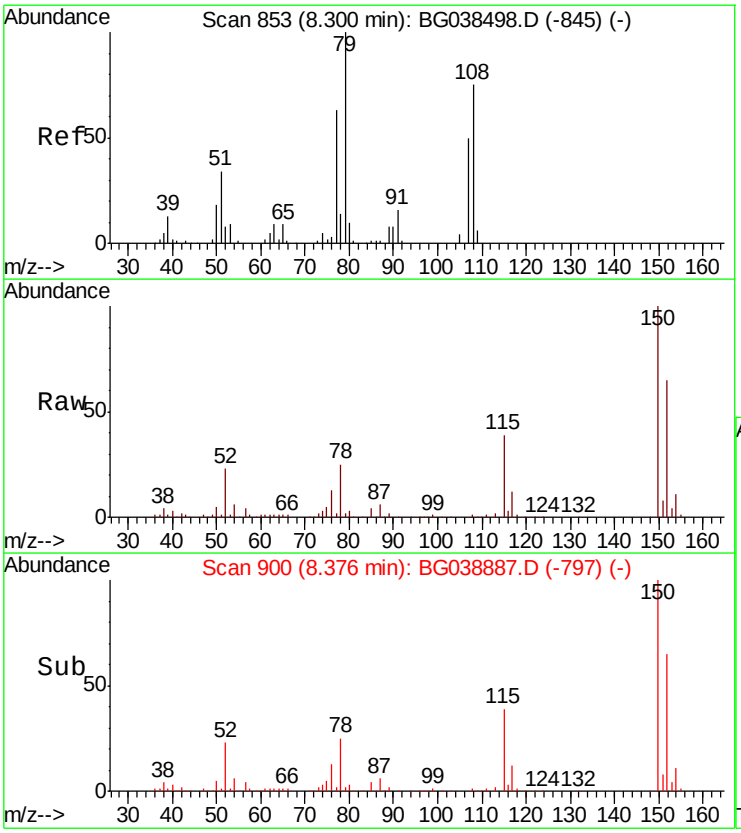
#7
Phenol-d6
Concen: 141.174 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 261590

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.5	27.7
71	38.3	31.1	46.7

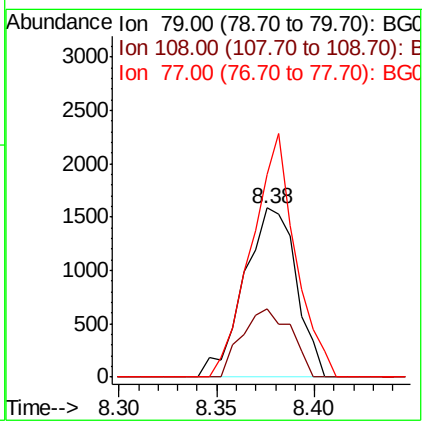


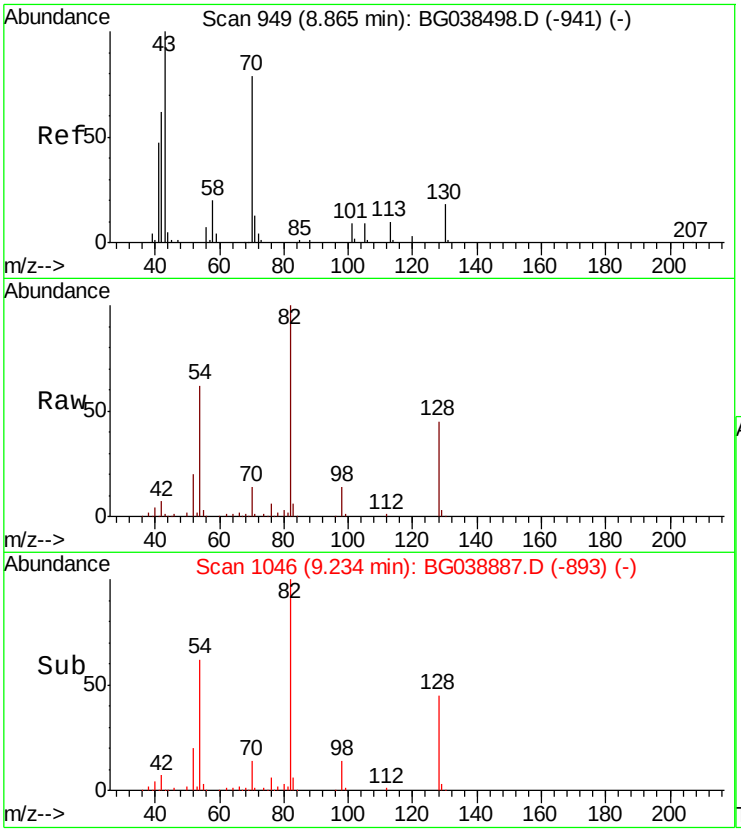


#15
Benzyl Alcohol
Concen: 2.029 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.08 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion: 79 Resp: 2935

Ion	Ratio	Lower	Upper
79	100		
108	40.5	60.2	90.4#
77	119.5	50.7	76.1#



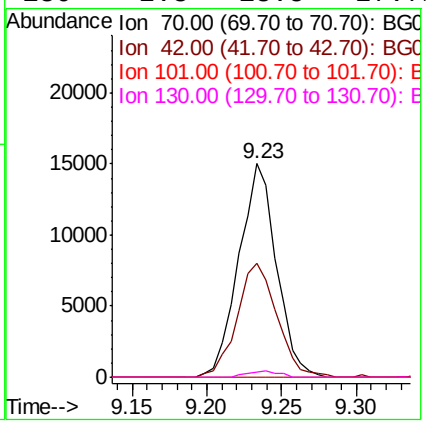


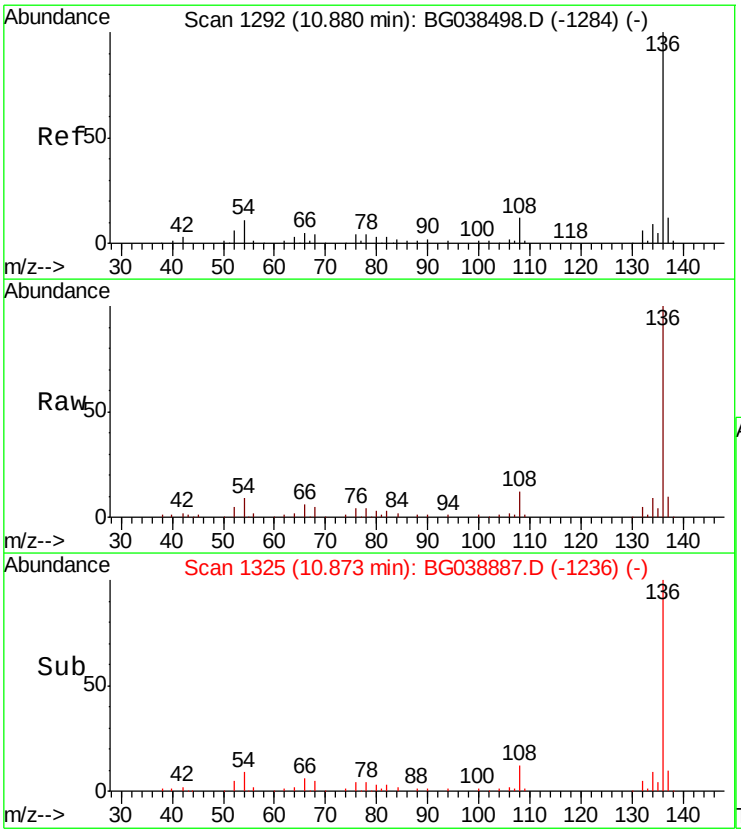
#19
n-Nitroso-di-n-propylamine
Concen: 20.064 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 26112

Ion	Ratio	Lower	Upper
70	100		
42	53.1	63.6	95.4#
101	0.0	9.2	13.8#
130	2.3	18.5	27.7#

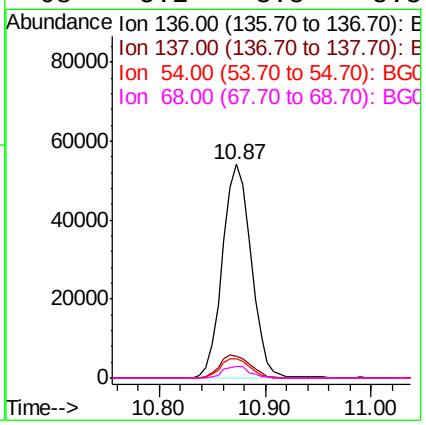


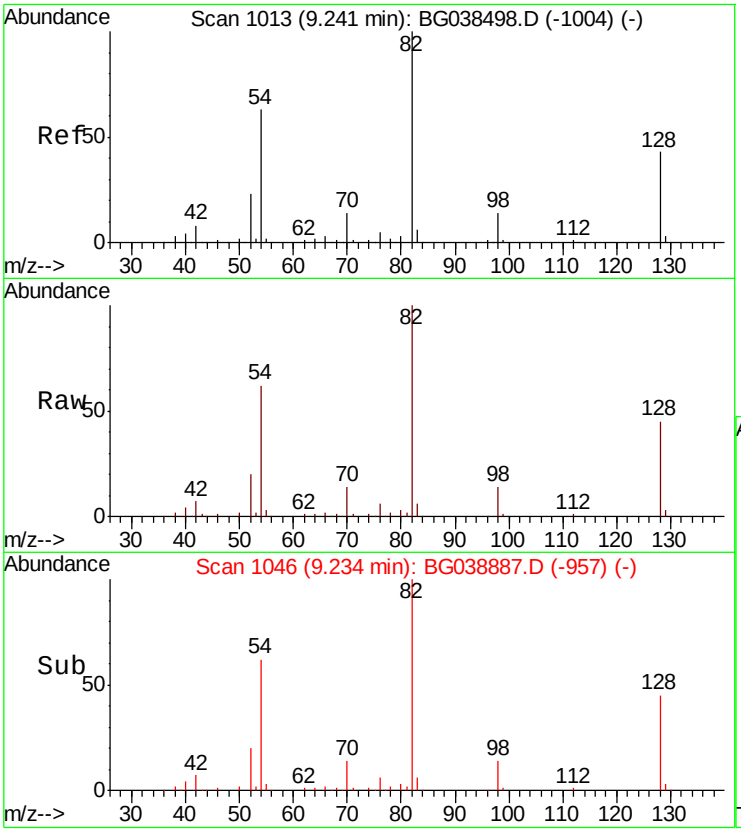


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:136 Resp: 102379

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	9.1	8.5	12.7
68	5.2	3.5	5.3



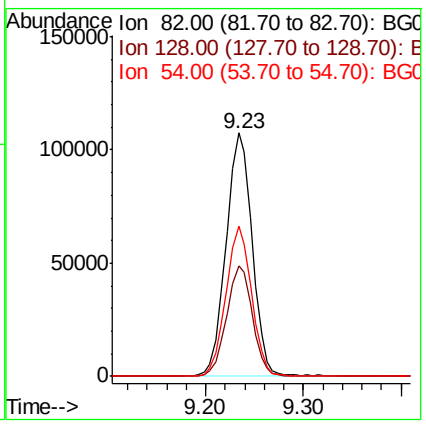


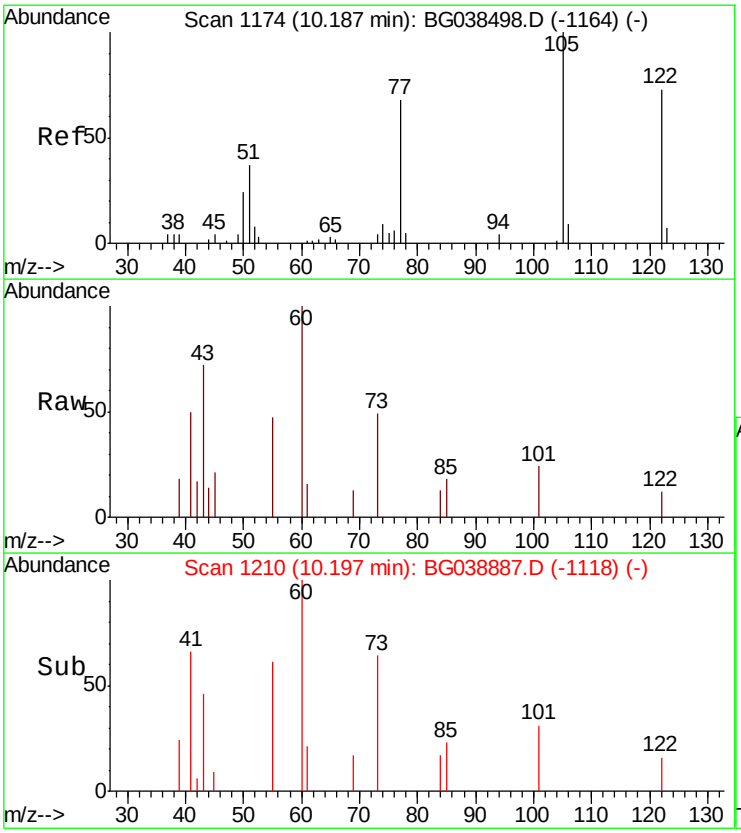
#23
Nitrobenzene-d5
Concen: 99.515 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 199429

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	52.0
54	61.9	50.6	76.0

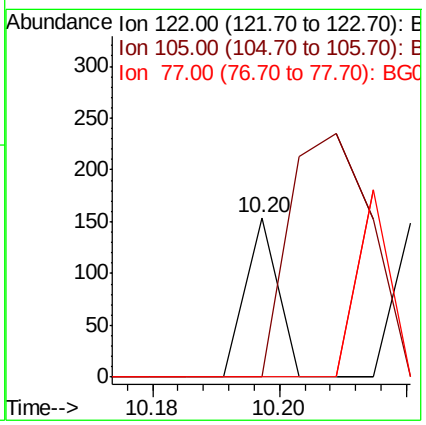


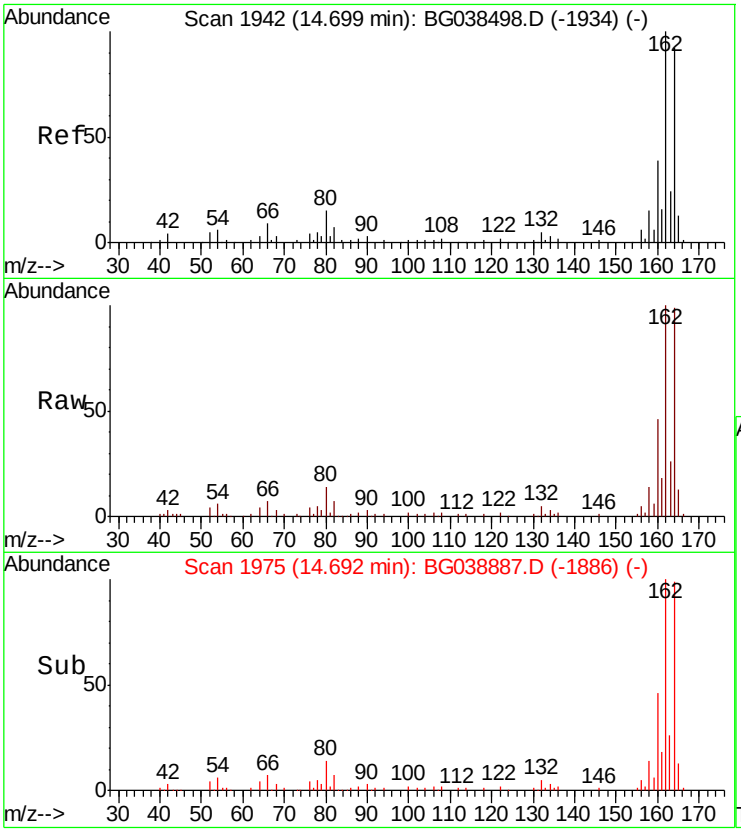


#32
Benzoic acid
Concen: 10.209 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	116.7	156.7#
77	0.0	72.5	112.5#



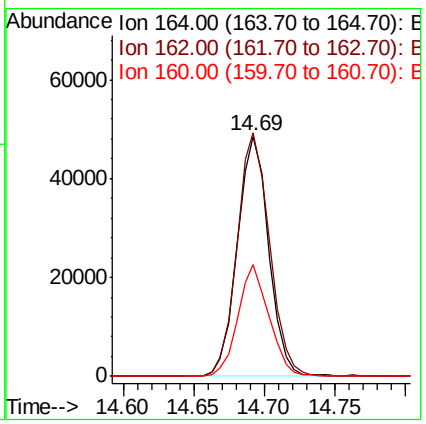


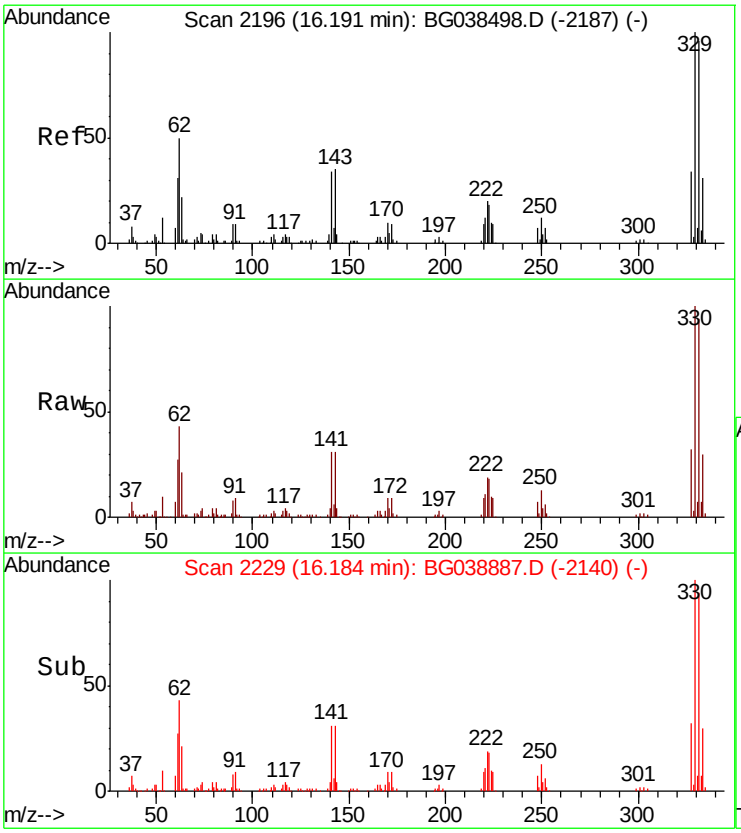
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 75315

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.6	130.0
160	46.5	34.2	51.2

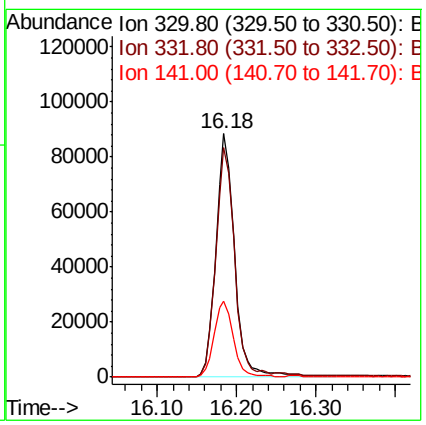


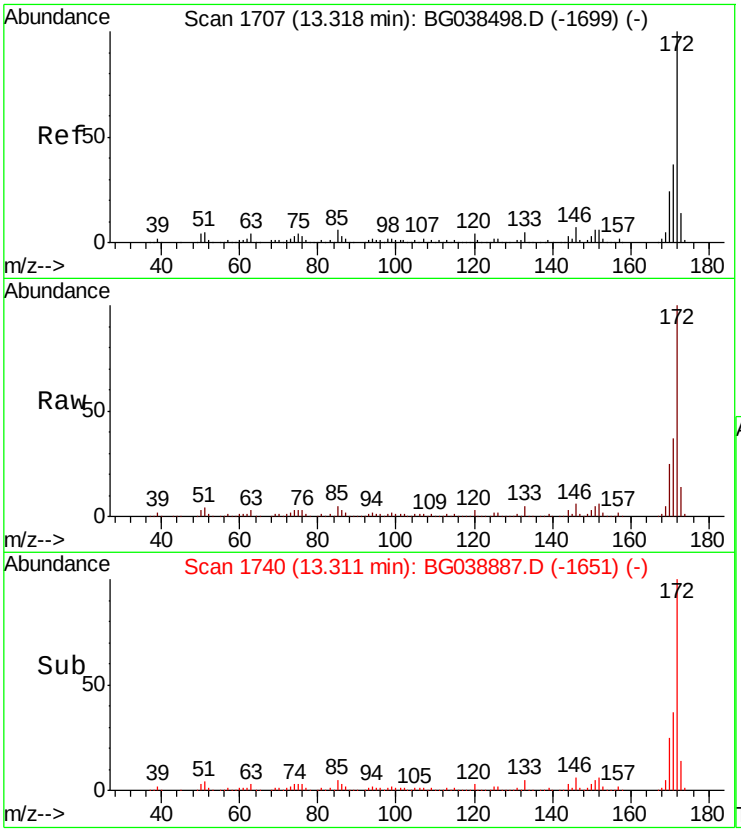


#42
2,4,6-Tribromophenol
Concen: 139.721 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:330 Resp: 145027

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.9	115.3
141	32.1	28.8	43.2



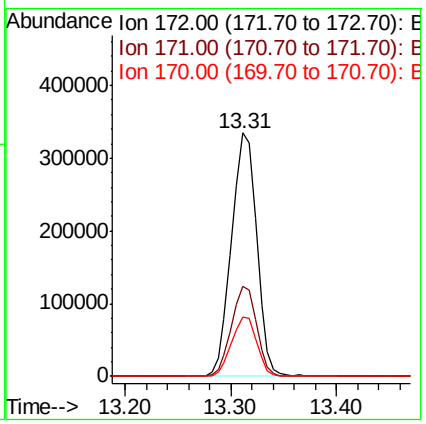


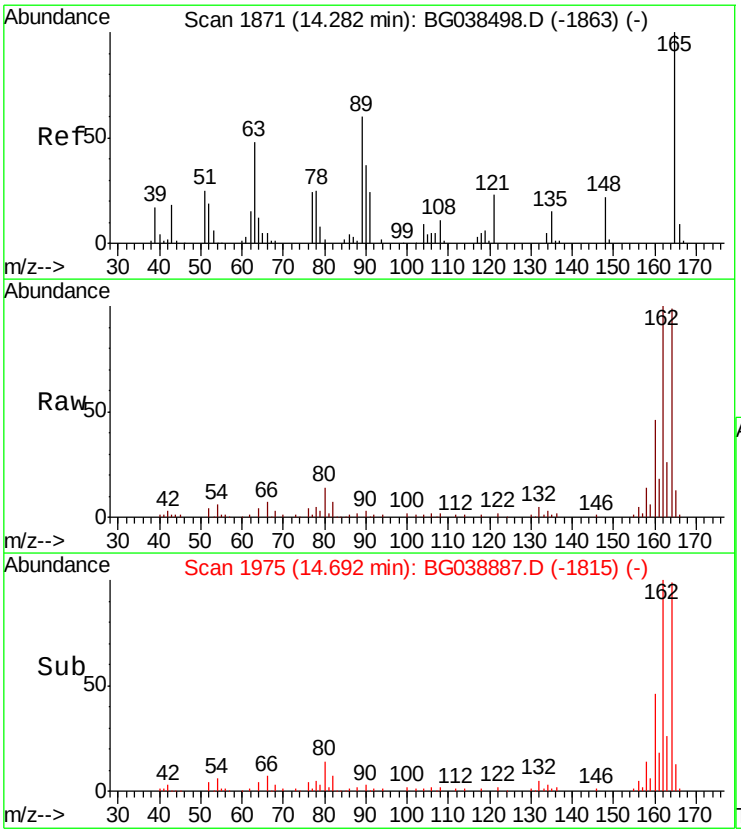
#45
2-Fluorobiphenyl
Concen: 100.670 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 552682

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.6	19.5	29.3

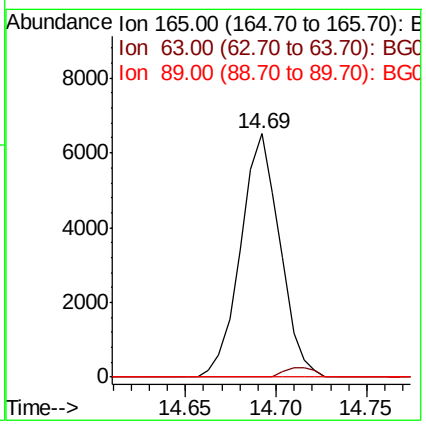


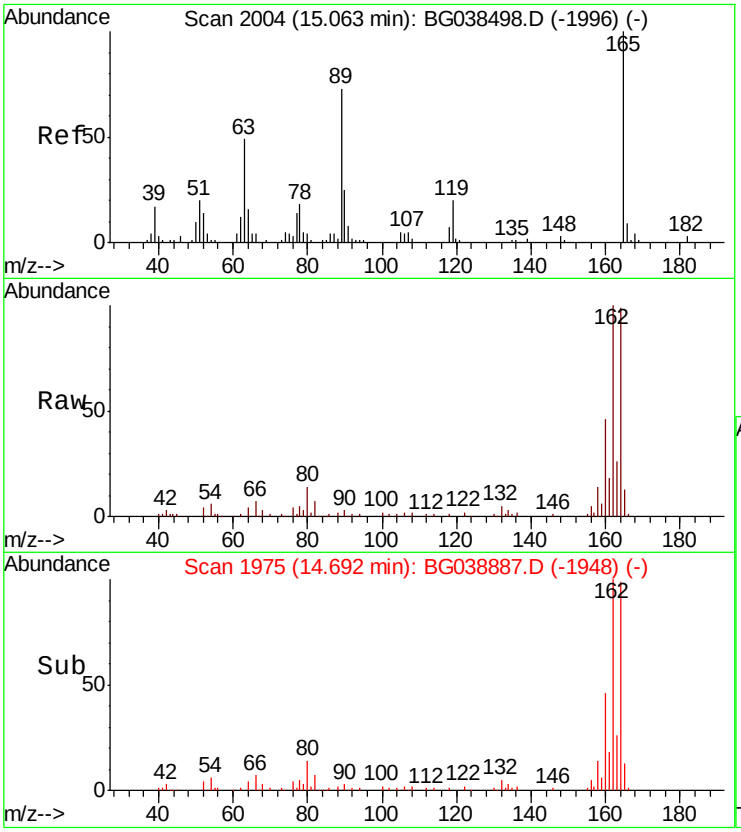


#51
2,6-Dinitrotoluene
Concen: 7.018 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:165 Resp: 9782

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



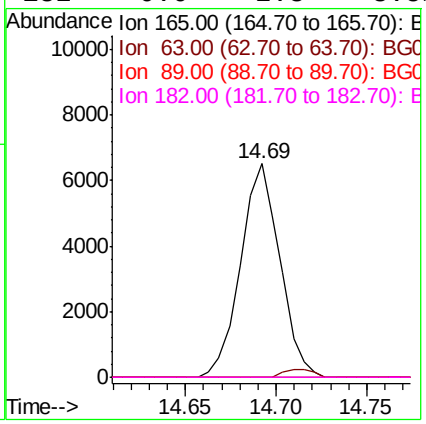


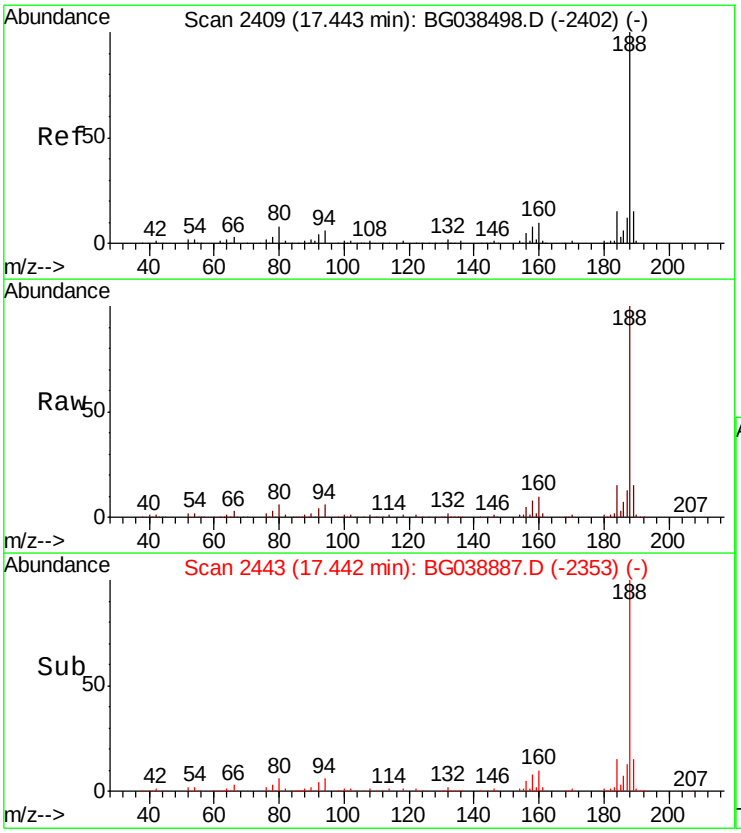
#57
2,4-Dinitrotoluene
Concen: 4.983 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9782

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#

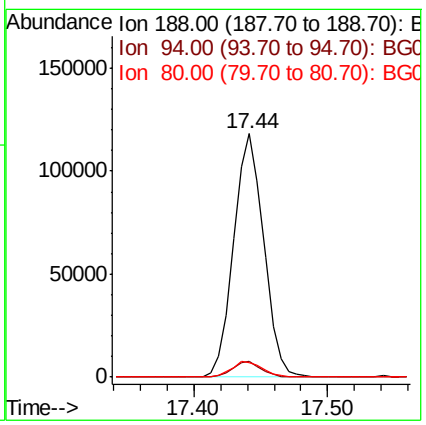


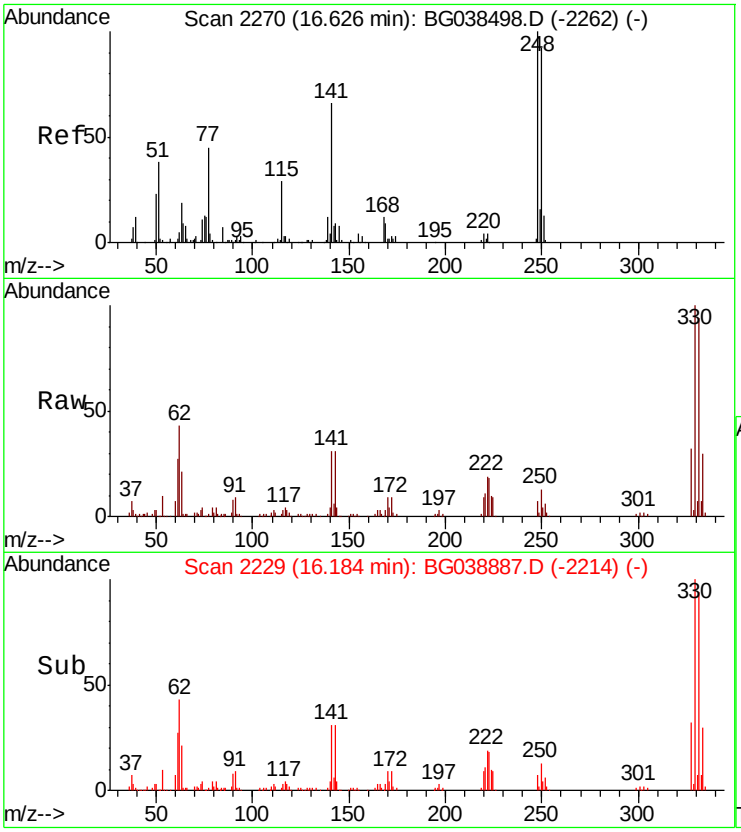


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:188 Resp: 184209

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.0	6.1	9.1#



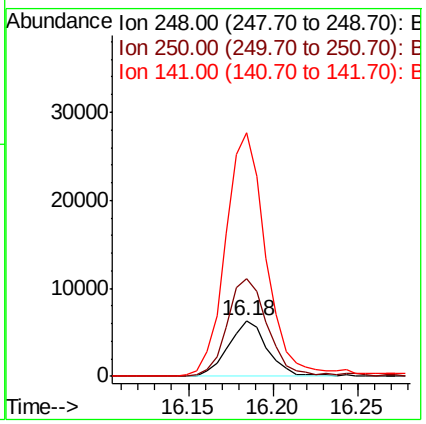


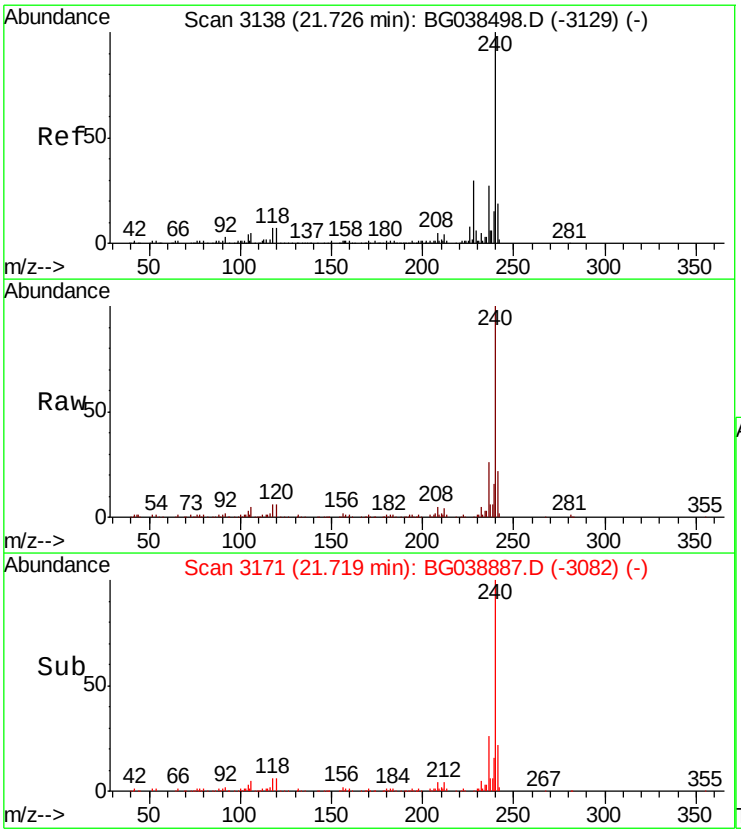
#67
4-Bromophenyl-phenylether
Concen: 4.523 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10175

Ion	Ratio	Lower	Upper
248	100		
250	175.5	73.4	110.2#
141	327.3	52.9	79.3#

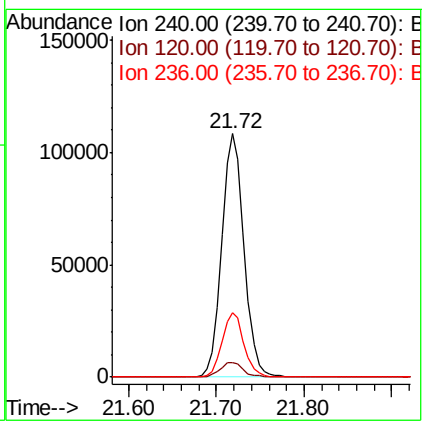


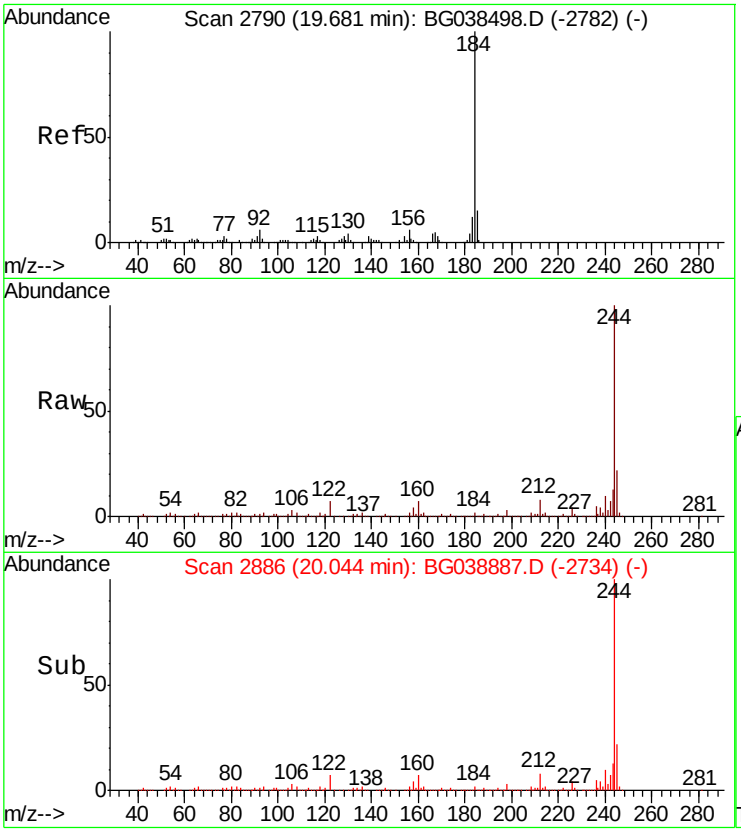


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:240 Resp: 189546

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.3	7.9
236	26.2	21.4	32.2



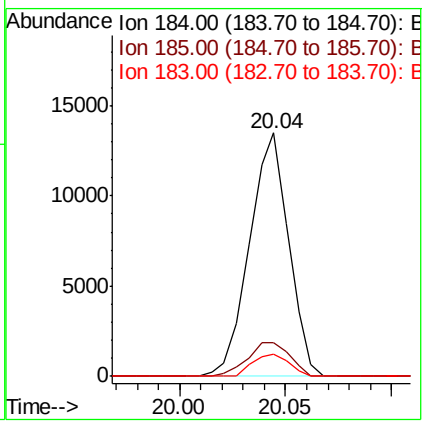


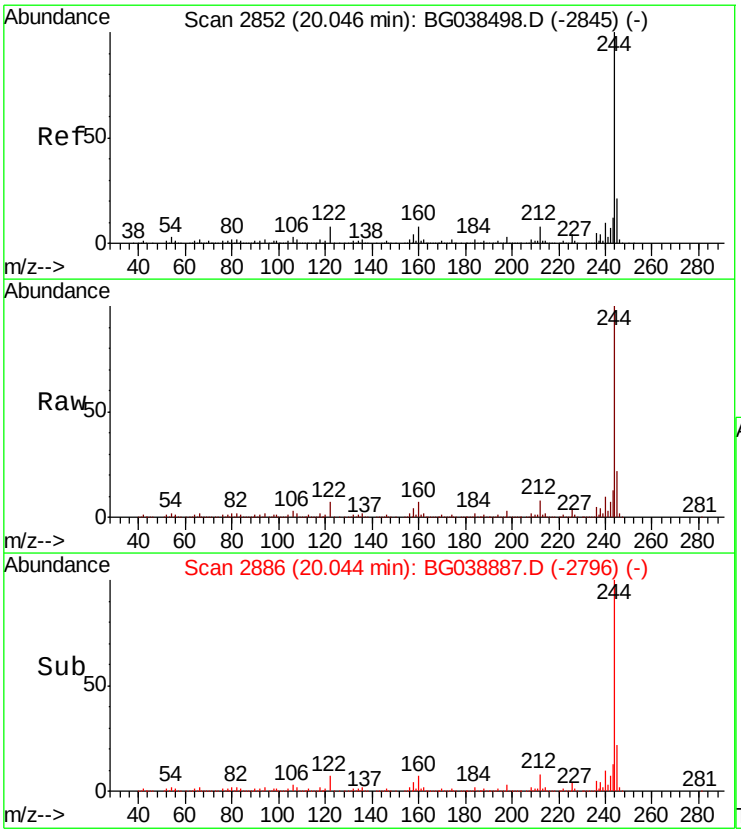
#77
Benzidine
Concen: 3.091 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17325

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.2
183	9.1	9.6	14.4#

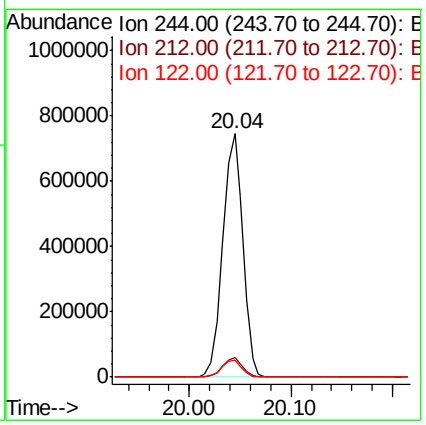


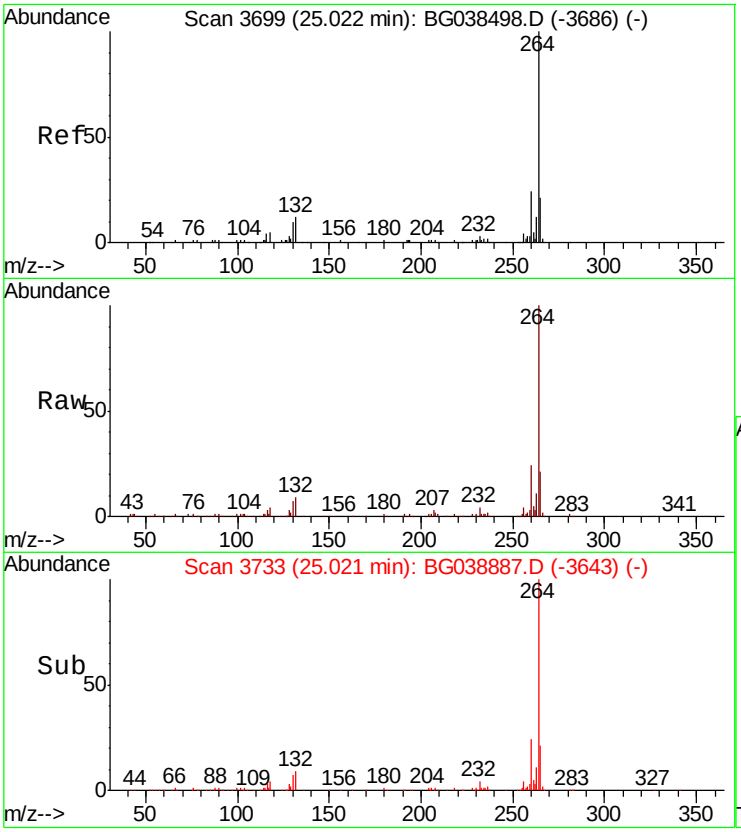


#79
Terphenyl-d14
Concen: 117.399 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038887.D
Acq: 28 Dec 2018 23:45

Tgt Ion:244 Resp: 1022479

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.3	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: BG038887.D
Acq: 28 Dec 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 204920

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.3	17.0	25.4