Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038861.D
Acq On : 28 Dec 2018 4:29
Operator : JU/SJ
Sample : J6534-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RMW-2

Quant Time: Dec 28 07:06:13 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	22062	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	97752	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	74015	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	178856	20.00	ng		0.00
76) Chrysene-d12	21.72	240	179352	20.00	ng		0.00
87) Perylene-d12	25.01	264	194219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	76112	61.19	ng		0.00
7) Phenol-d6	7.22	99	72493	42.45	ng		0.00
23) Nitrobenzene-d5	9.24	82	156251	81.66	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	159587	156.45	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	478195	88.63	ng		0.00
79) Terphenyl-d14	20.04	244	821563	99.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	5051	2.784	ng		87
19) n-Nitroso-di-n-propylamine	9.24	70	21315	17.773	ng	#	62
50) Dimethylphthalate	14.14	163	12721	2.105	ng		97
51) 2,6-Dinitrotoluene	14.70	165	9656	7.049	ng	#	19
57) 2,4-Dinitrotoluene	14.70	165	9656	5.005	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	10446	4.782	ng	#	1
77) Benzidine	20.04	184	13419	2.530	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038861.D
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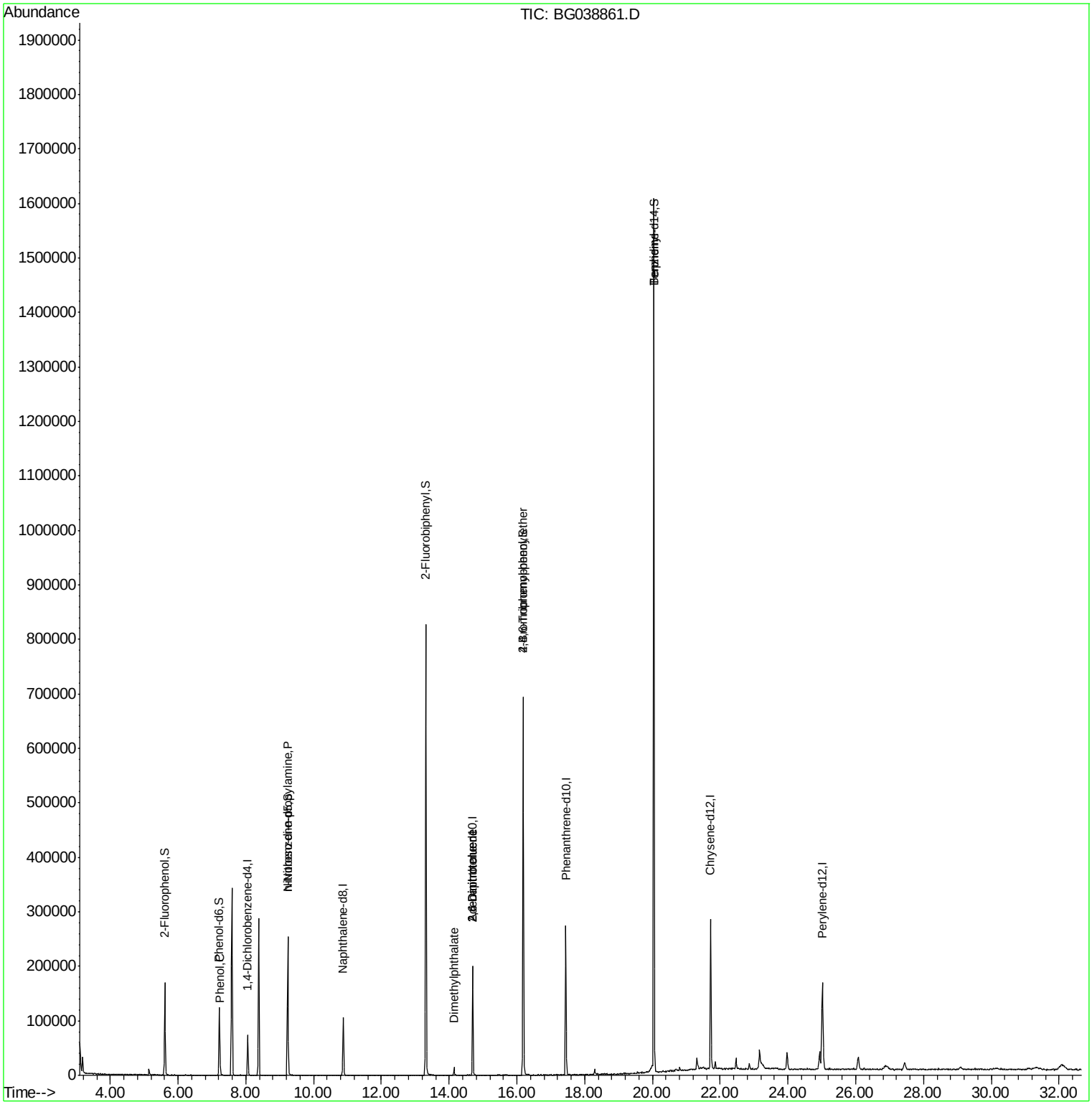
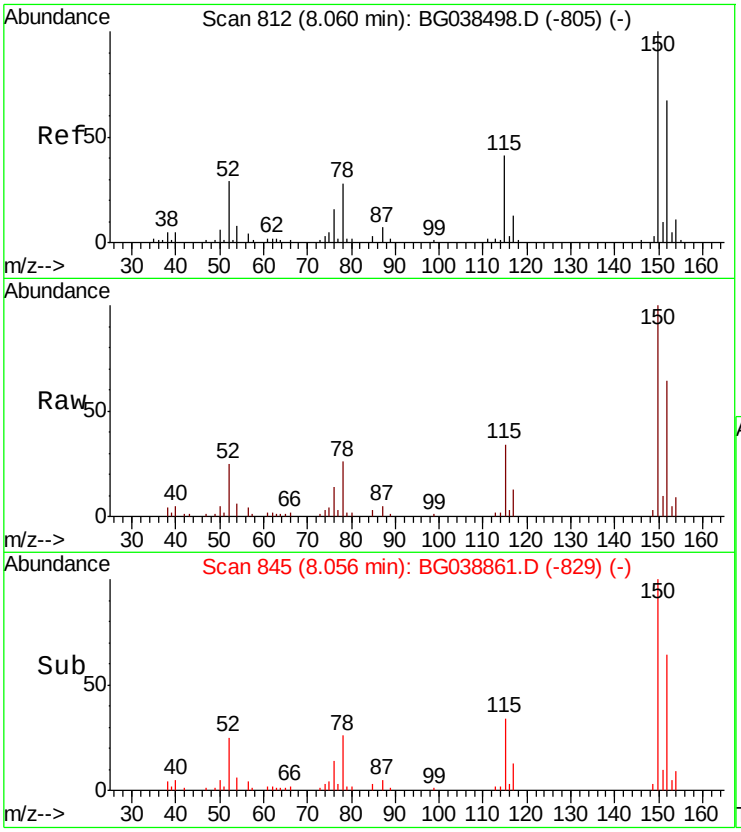
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



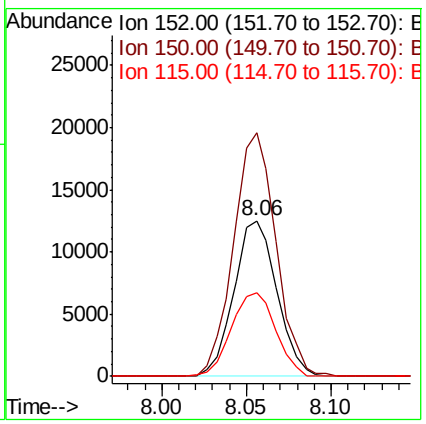


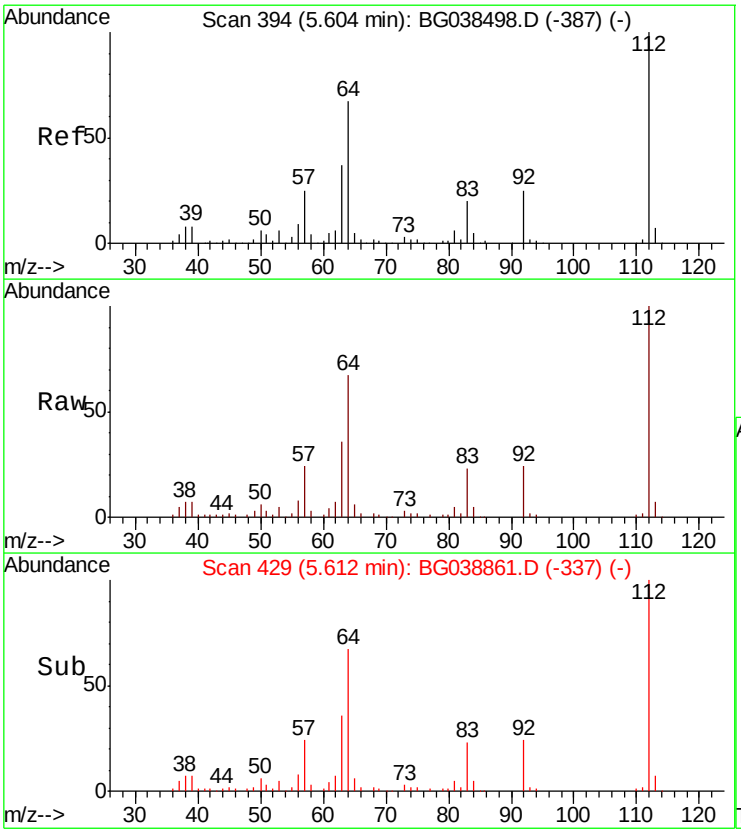
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:152 Resp: 22062

Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	54.0	49.6	74.4

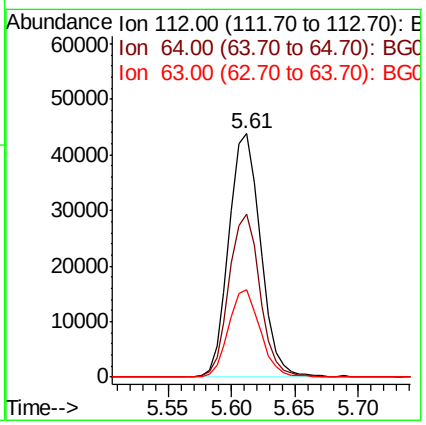


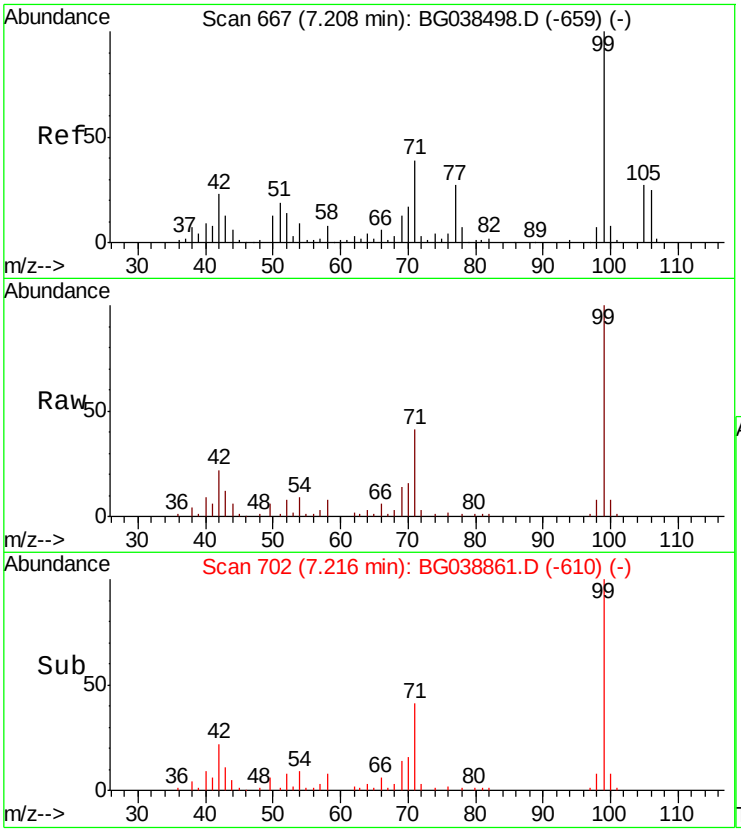


#5
2-Fluorophenol
Concen: 61.189 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:112 Resp: 76112

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.4	80.2
63	36.1	29.3	43.9



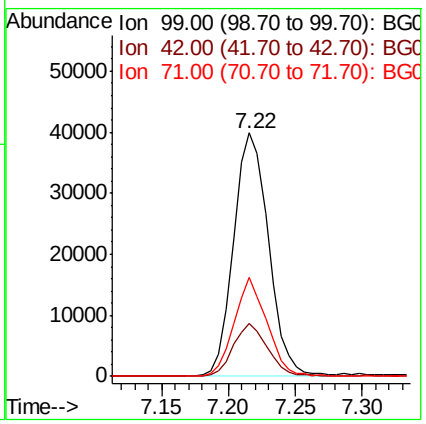


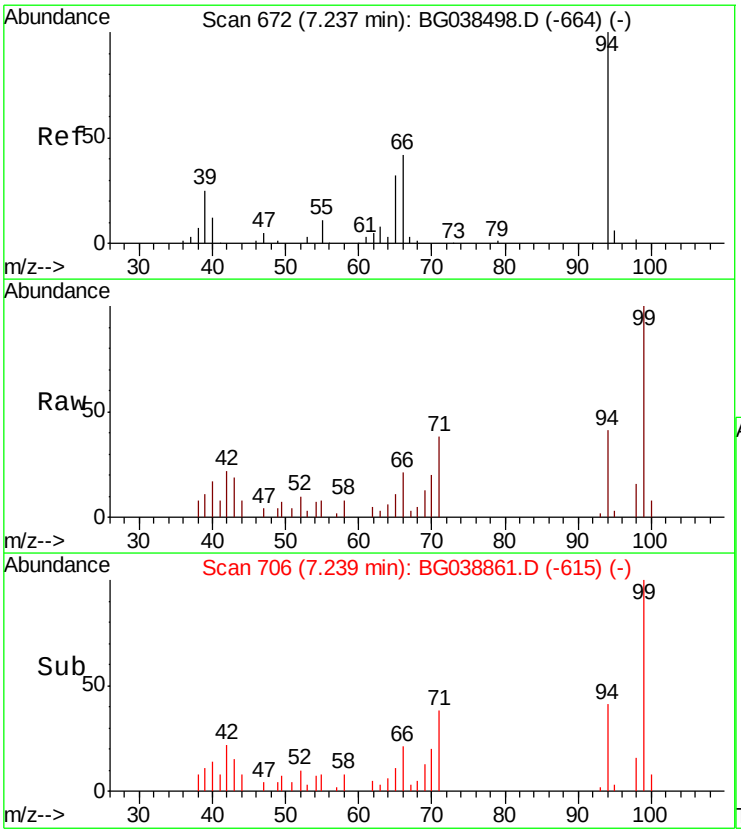
#7
Phenol-d6
Concen: 42.453 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion: 99 Resp: 72493

Ion	Ratio	Lower	Upper
99	100		
42	21.7	18.5	27.7
71	40.9	31.1	46.7

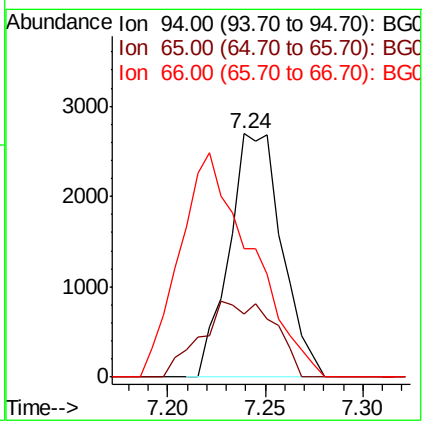


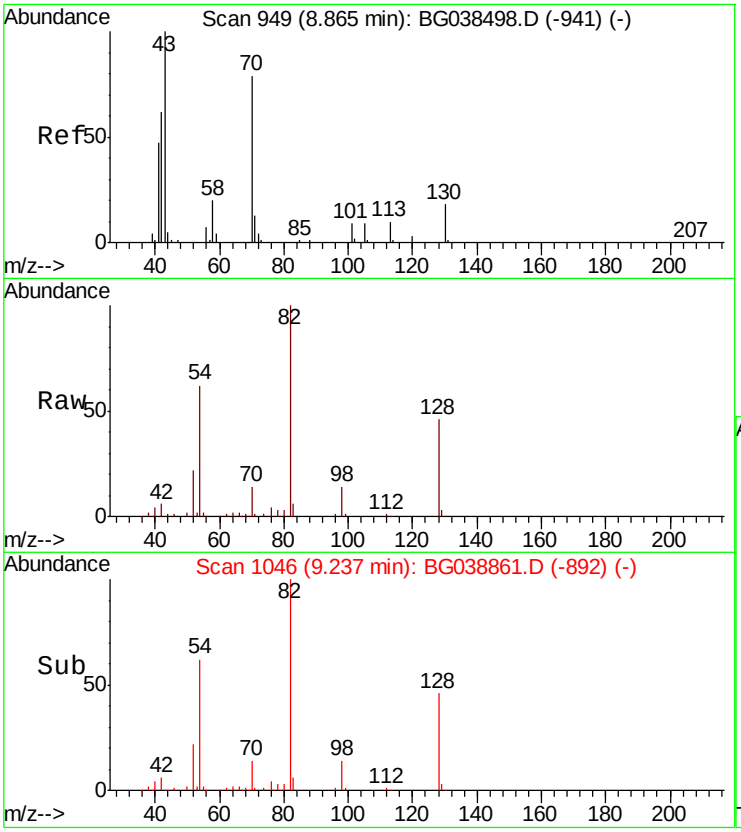


#10
Phenol
Concen: 2.784 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion: 94 Resp: 5051

Ion	Ratio	Lower	Upper
94	100		
65	26.1	12.6	52.6
66	52.7	24.1	64.1



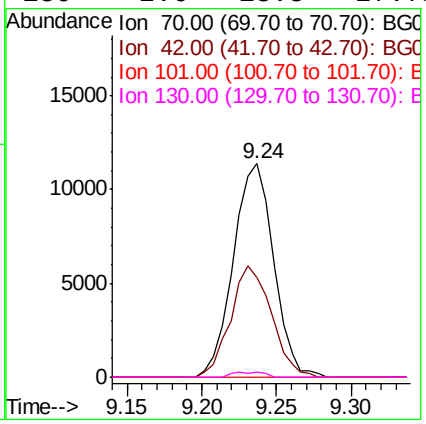


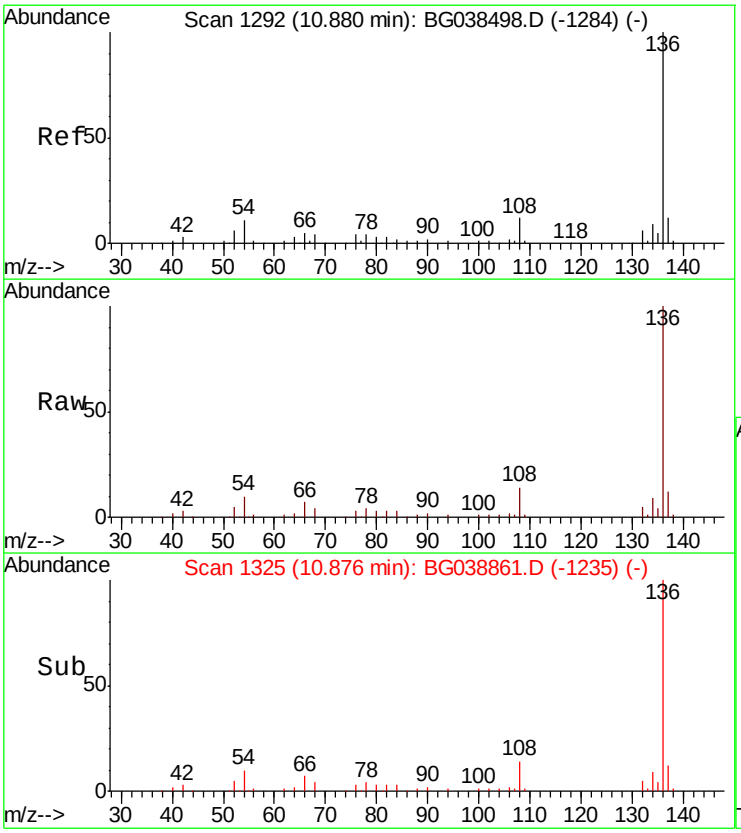
#19
n-Nitroso-di-n-propylamine
Concen: 17.773 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion: 70 Resp: 21315

Ion	Ratio	Lower	Upper
70	100		
42	46.5	63.6	95.4#
101	0.0	9.2	13.8#
130	2.6	18.5	27.7#

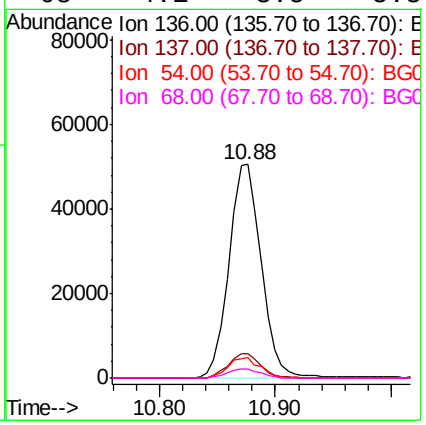


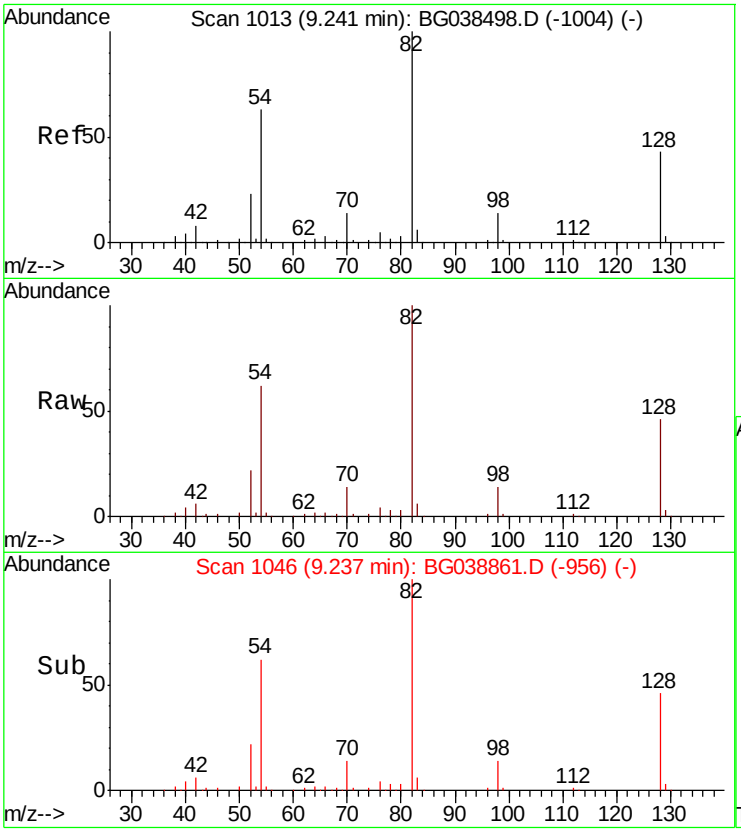


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:136 Resp: 97752

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.8	8.5	12.7
68	4.1	3.5	5.3



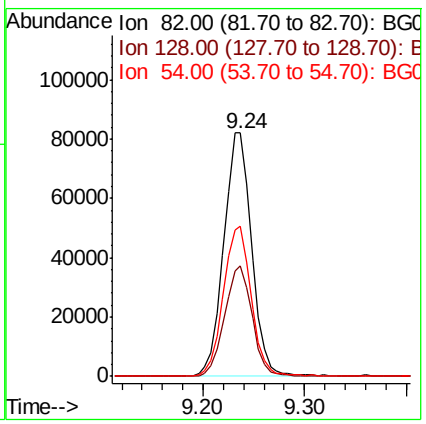


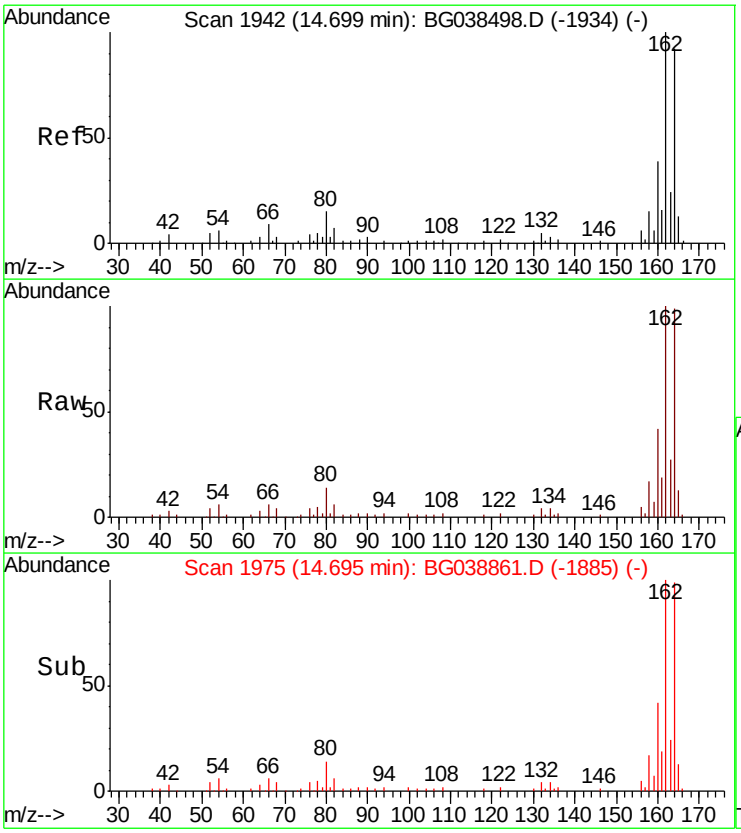
#23
Nitrobenzene-d5
Concen: 81.660 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion: 82 Resp: 156251

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	61.8	50.6	76.0

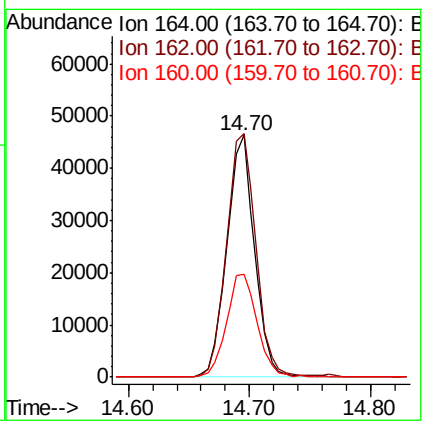


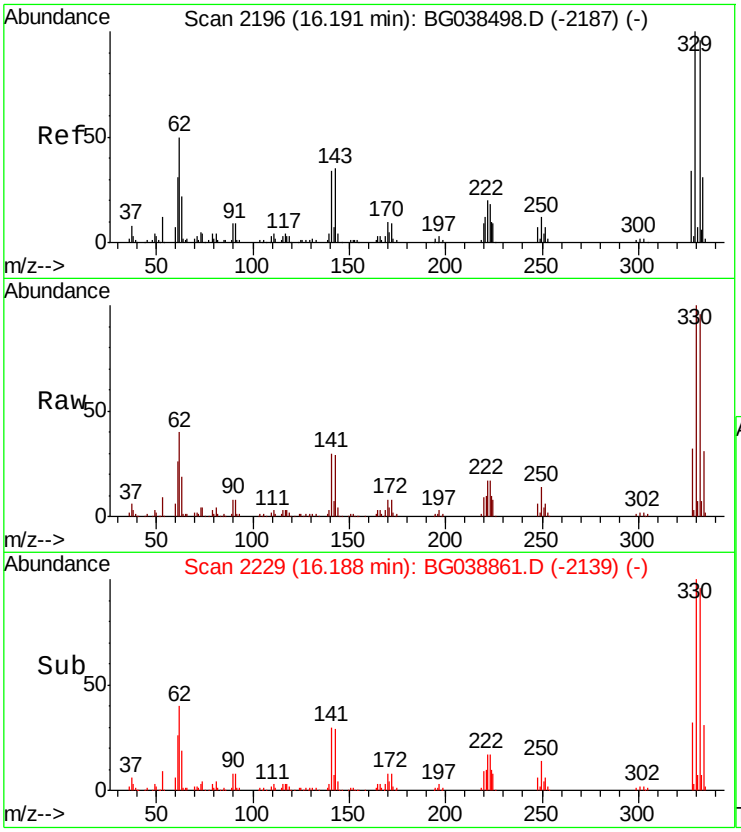


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:164 Resp: 74015

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.6	130.0
160	42.4	34.2	51.2



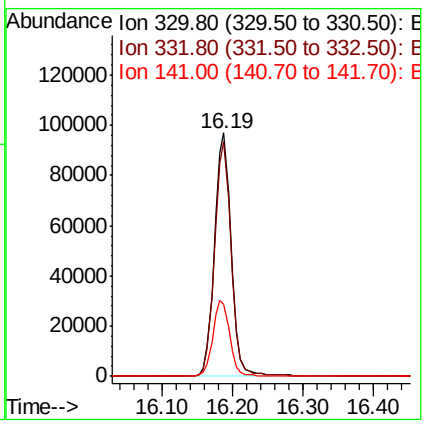


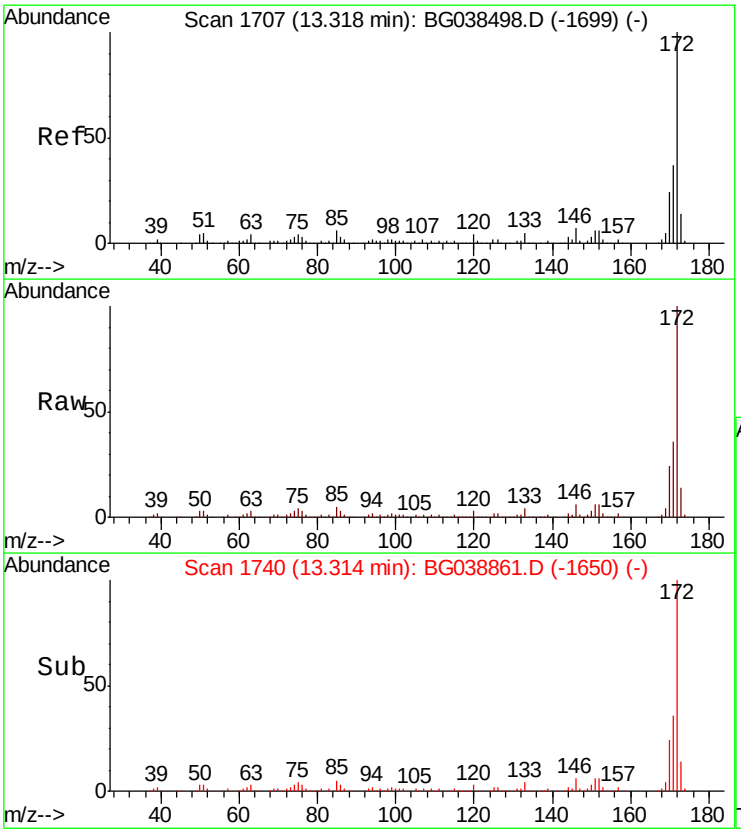
#42
2,4,6-Tribromophenol
Concen: 156.449 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:330 Resp: 159587

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	31.4	28.8	43.2

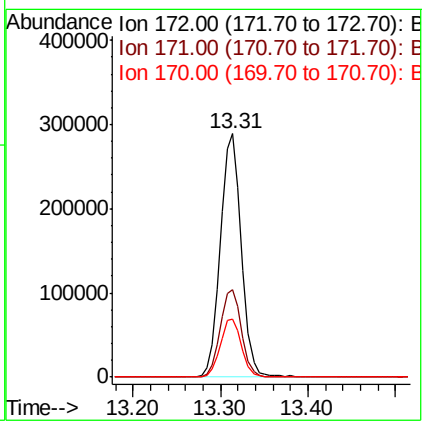


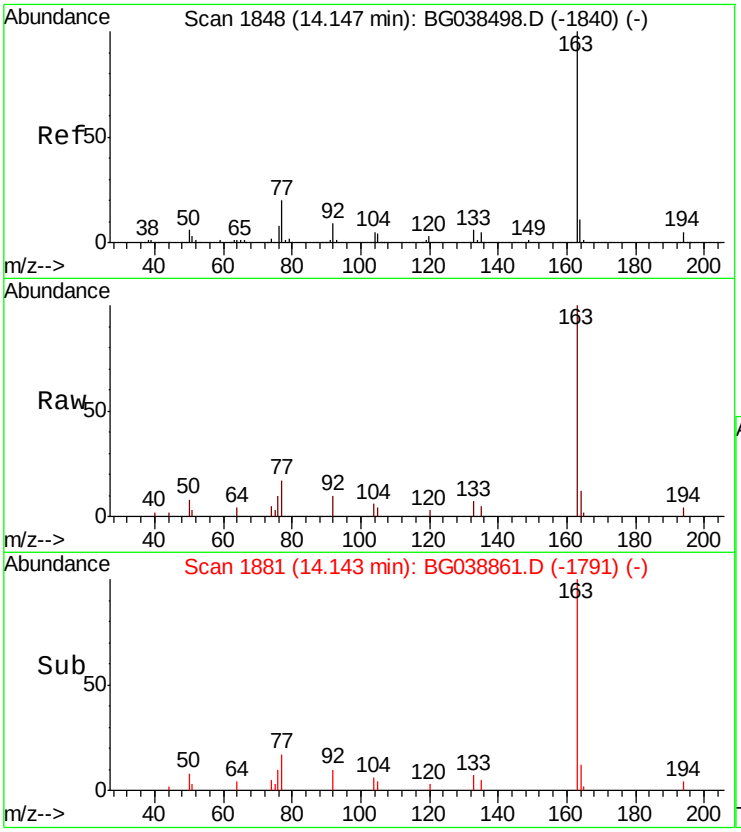


#45
2-Fluorobiphenyl
Concen: 88.632 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:172 Resp: 478195

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	23.9	19.5	29.3



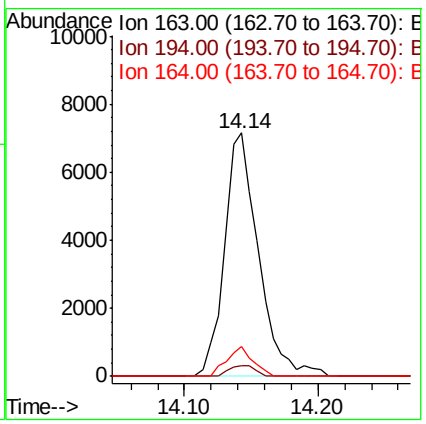


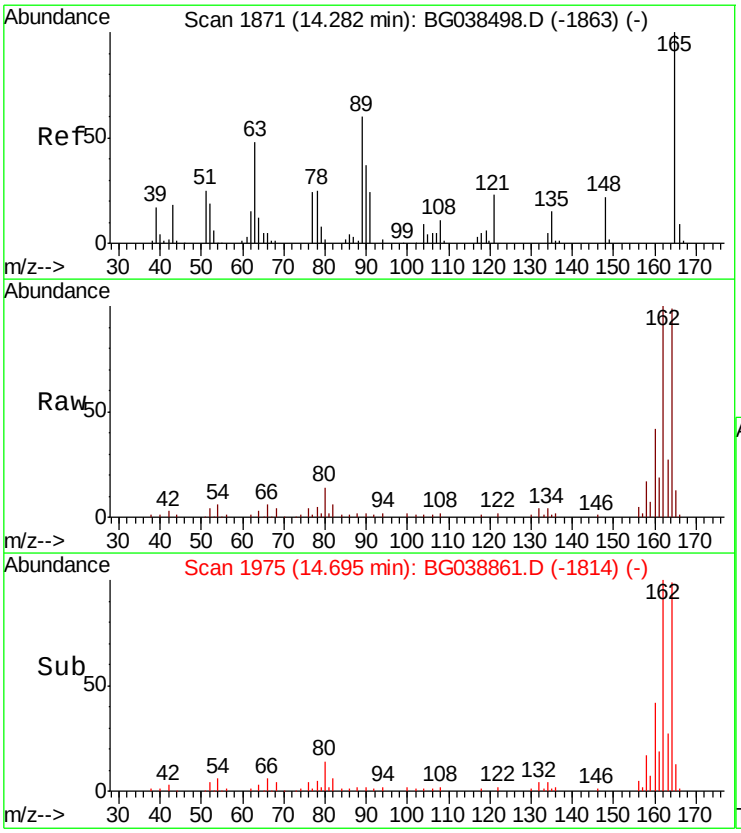
#50
Dimethylphthalate
Concen: 2.105 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:163 Resp: 12721

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	12.4	8.6	12.8

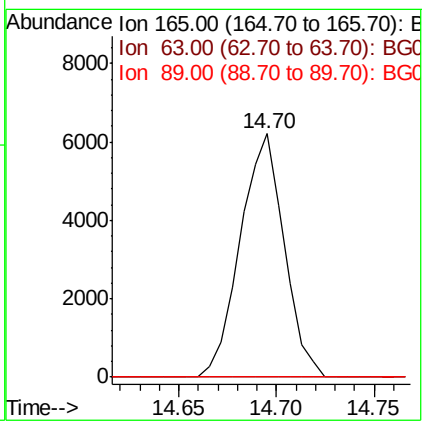


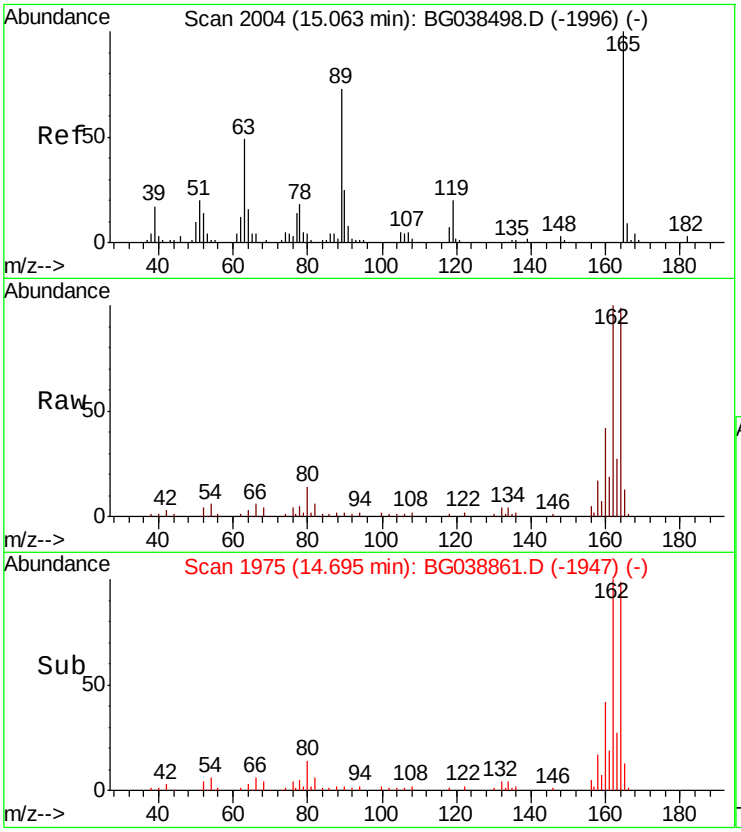


#51
2,6-Dinitrotoluene
Concen: 7.049 ng
RT: 14.70 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:165 Resp: 9656

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



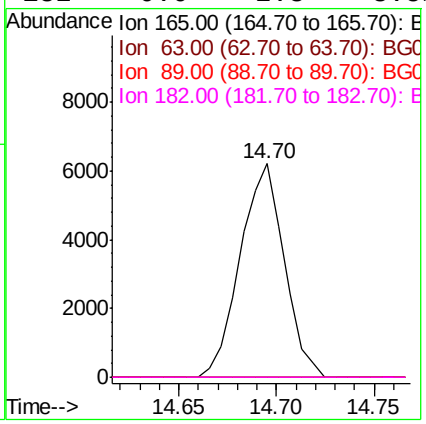


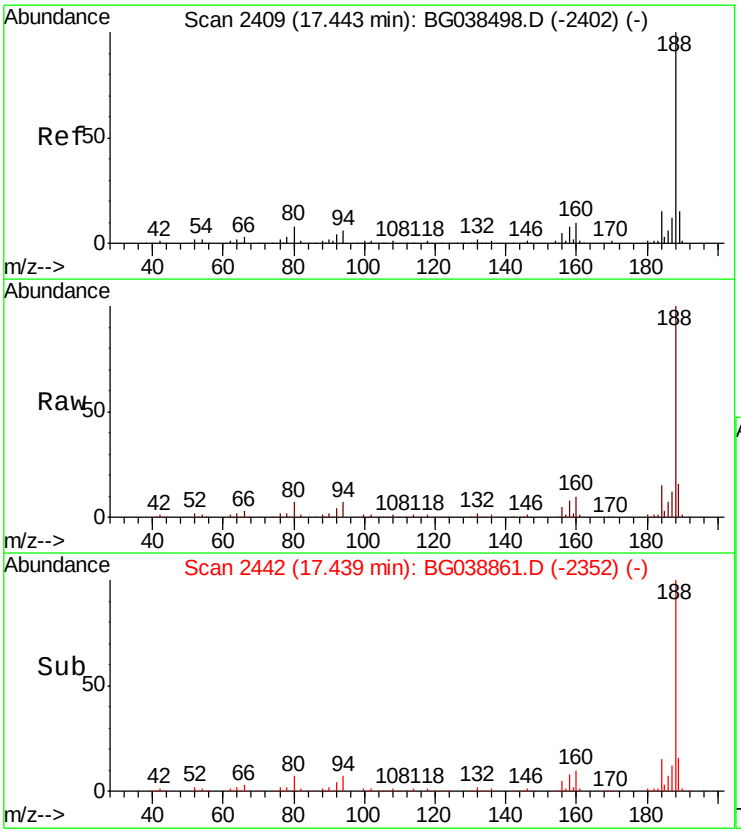
#57
2,4-Dinitrotoluene
Concen: 5.005 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:165 Resp: 9656

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#

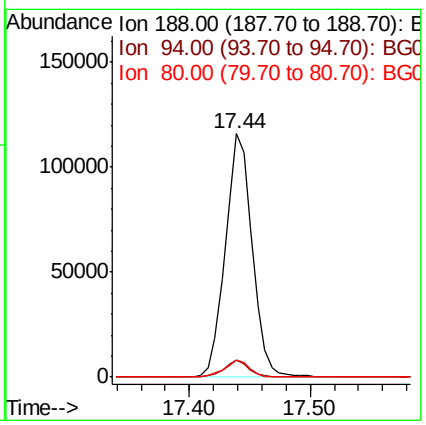


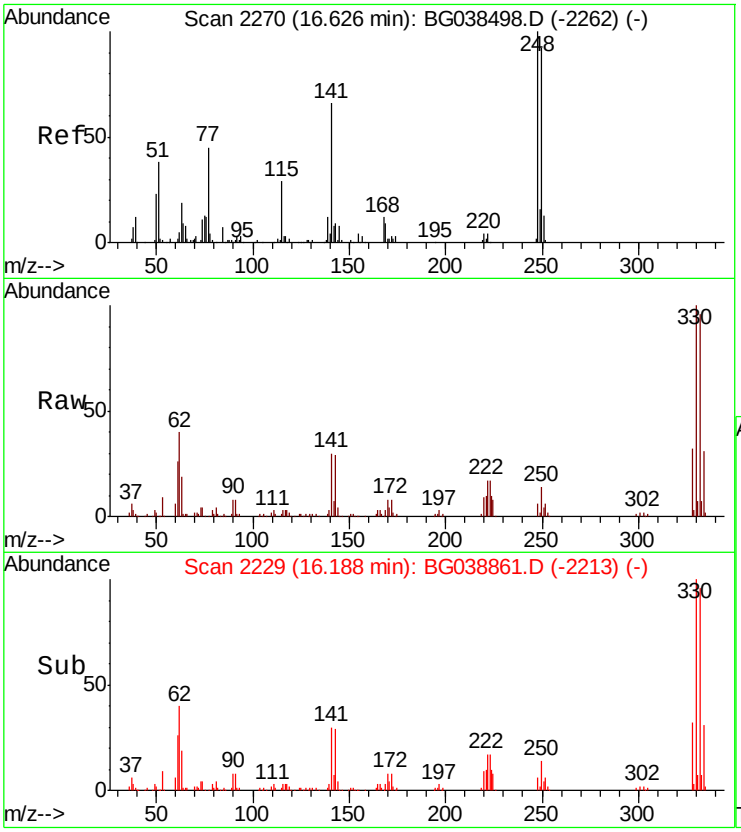


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:188 Resp: 178856

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	6.9	6.1	9.1



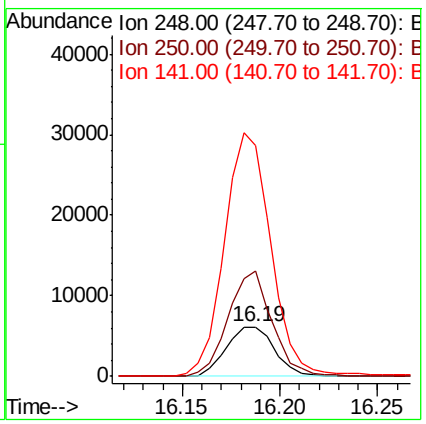


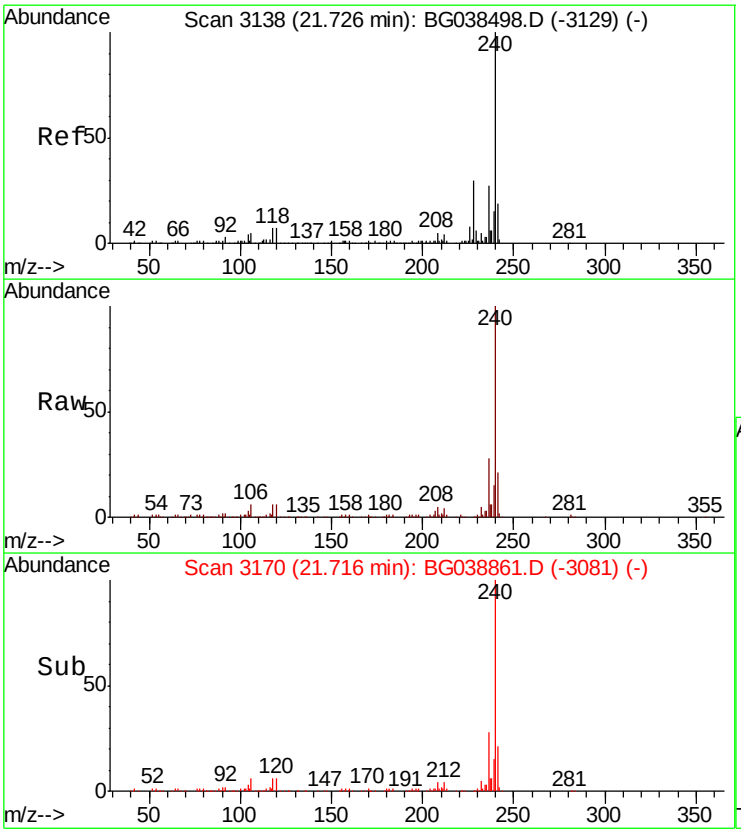
#67
4-Bromophenyl-phenylether
Concen: 4.782 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:248 Resp: 10446

Ion	Ratio	Lower	Upper
248	100		
250	208.5	73.4	110.2#
141	357.7	52.9	79.3#

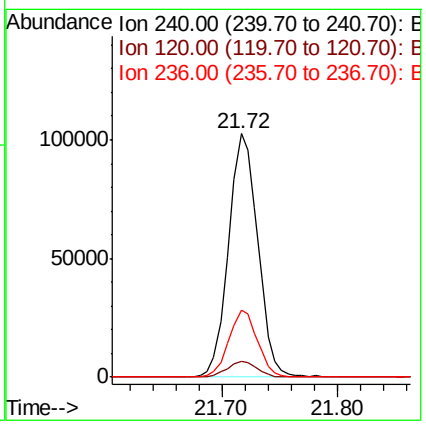


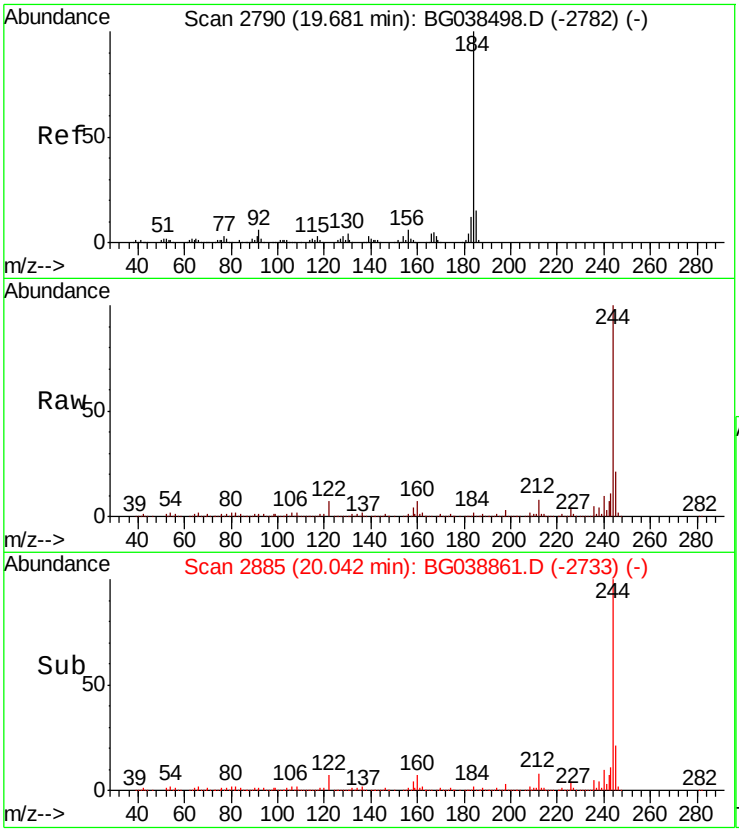


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:240 Resp: 179352

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	27.6	21.4	32.2



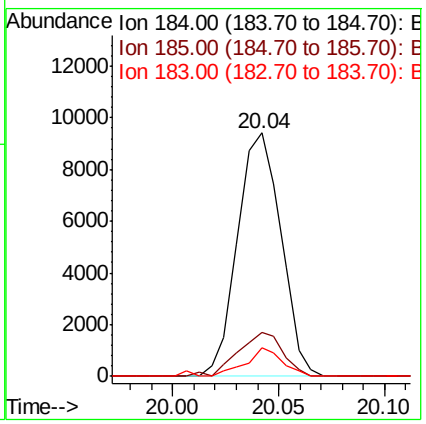


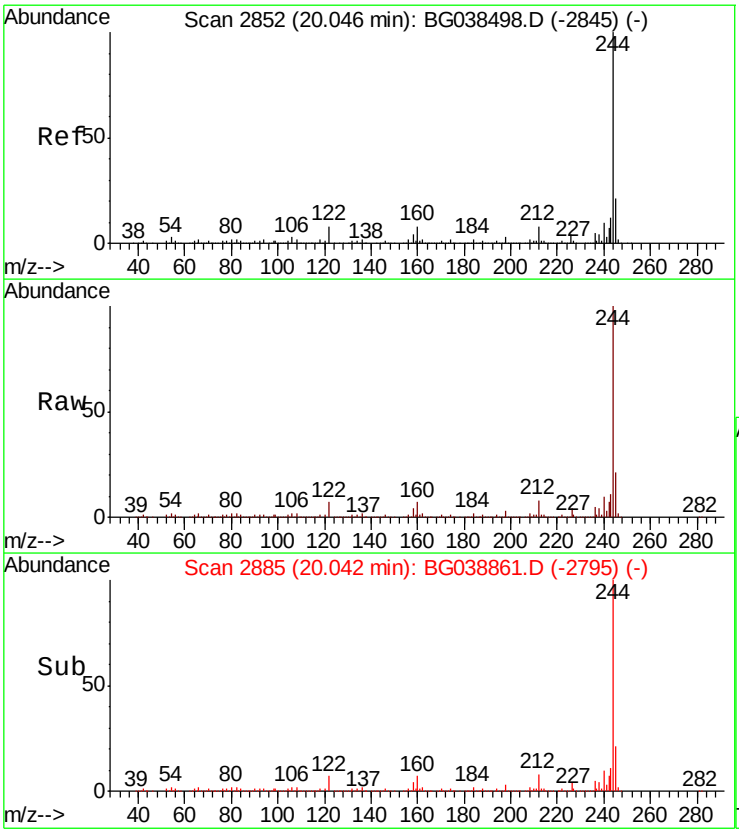
#77
Benzidine
Concen: 2.530 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:184 Resp: 13419

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.2	18.2
183	11.7	9.6	14.4

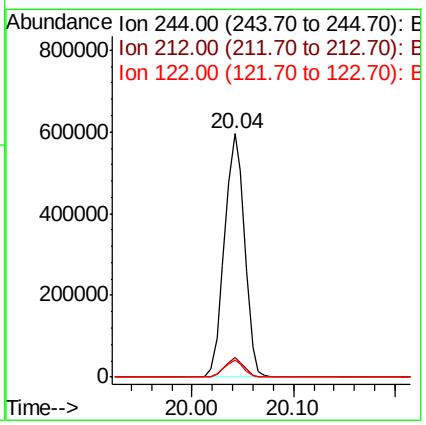


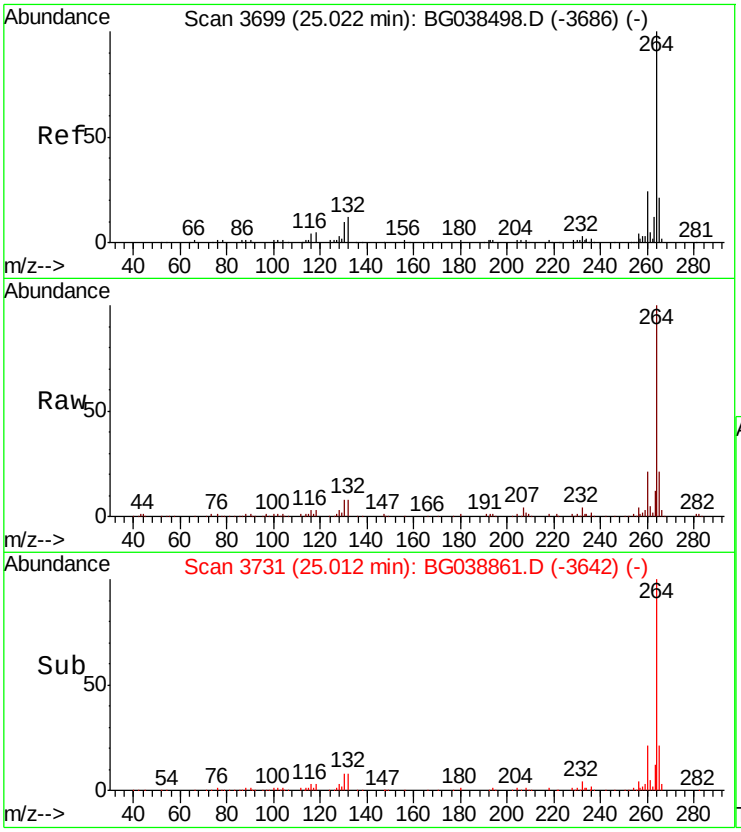


#79
Terphenyl-d14
Concen: 99.692 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Tgt Ion:244 Resp: 821563

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.0	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038861.D
Acq: 28 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
RMW-2

Tgt Ion:264 Resp: 194219

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.9	28.3
265	20.9	17.0	25.4