Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038674.D
Acq On : 17 Dec 2018 23:00
Operator : JU/SJ
Sample : J6346-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DW-11

Quant Time: Dec 18 02:58:31 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	19916	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	80670	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	56150	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	146260	20.00	ng		0.00
76) Chrysene-d12	21.72	240	140573	20.00	ng		0.00
87) Perylene-d12	25.02	264	158520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	168787	150.32	ng		0.00
7) Phenol-d6	7.21	99	231970	150.48	ng		0.00
23) Nitrobenzene-d5	9.23	82	152437	96.54	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	116391	150.41	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	356914	87.20	ng		0.00
79) Terphenyl-d14	20.04	244	638662	98.88	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	15160	9.257	ng		98
15) Benzyl Alcohol	8.38	79	2653	2.205	ng	#	56
19) n-Nitroso-di-n-propylamine	9.24	70	20646	19.070	ng	#	74
50) Dimethylphthalate	14.14	163	30268	6.601	ng		99
57) 2,4-Dinitrotoluene	14.69	165	7182	4.907	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	8088	4.528	ng	#	1
77) Benzidine	20.04	184	12211	2.937	ng		97

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

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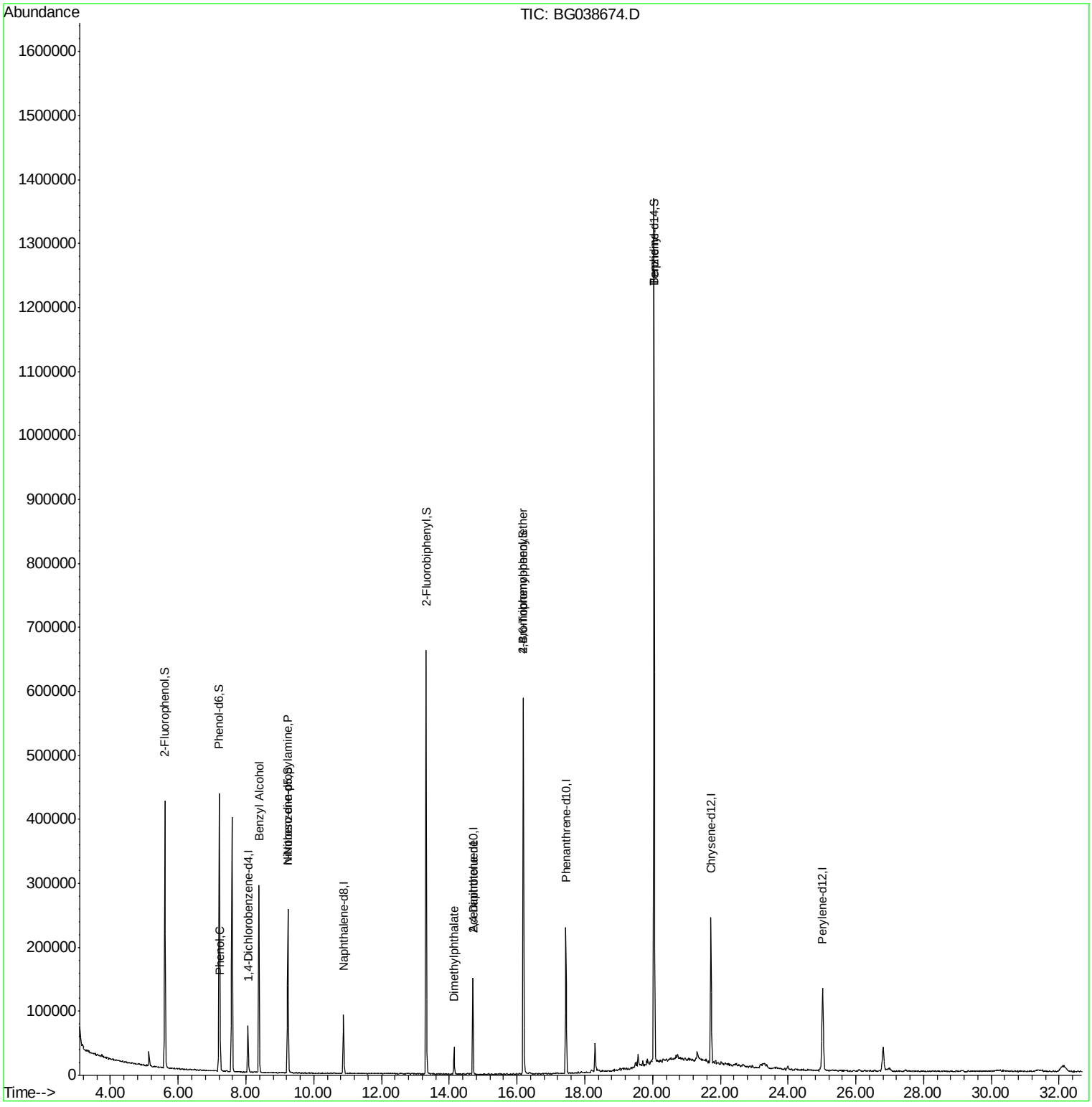
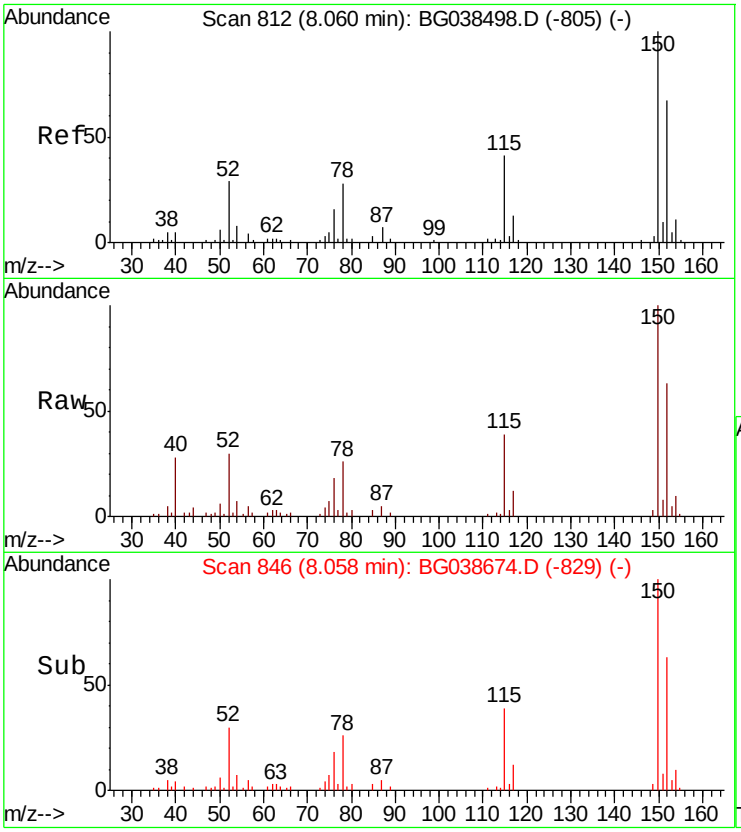


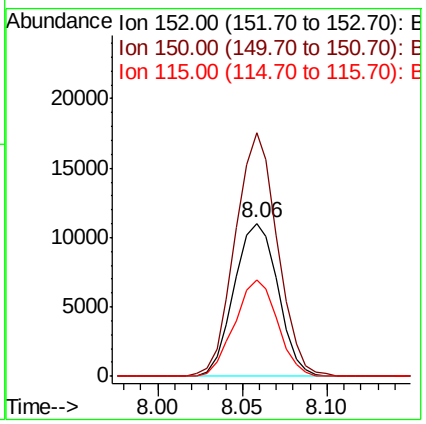


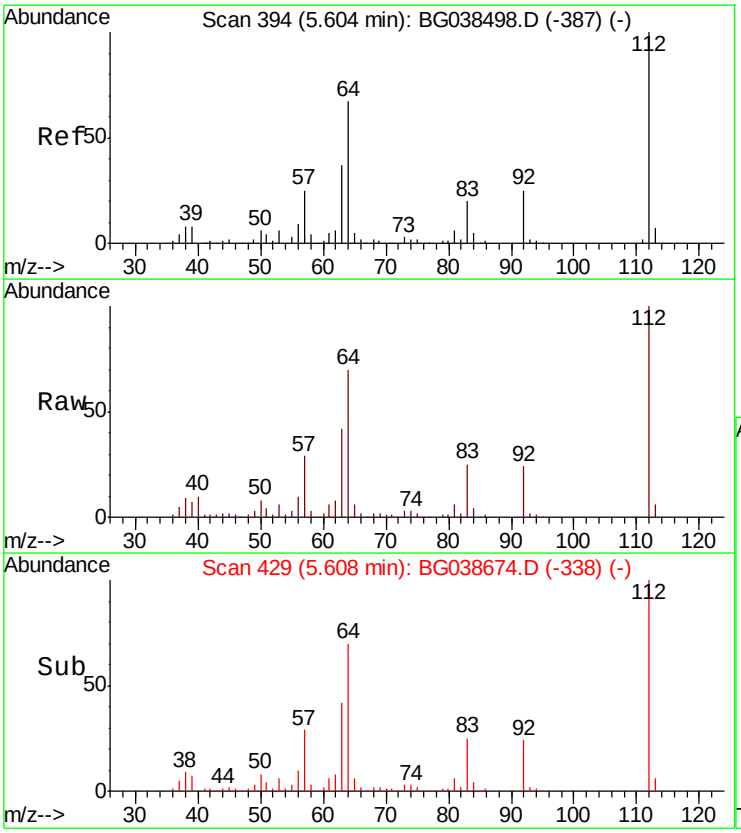
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:152 Resp: 19916

Ion	Ratio	Lower	Upper
152	100		
150	159.3	119.5	179.3
115	62.7	49.6	74.4

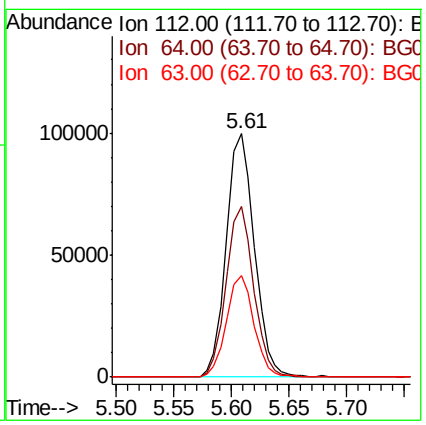


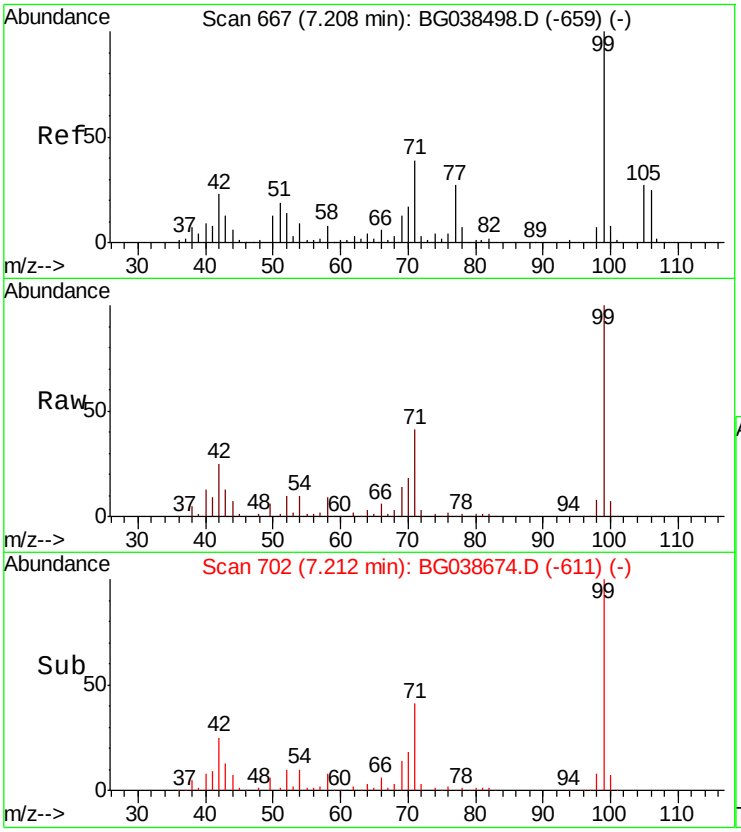


#5
2-Fluorophenol
Concen: 150.316 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:112 Resp: 168787

Ion	Ratio	Lower	Upper
112	100		
64	70.0	53.4	80.2
63	41.5	29.3	43.9



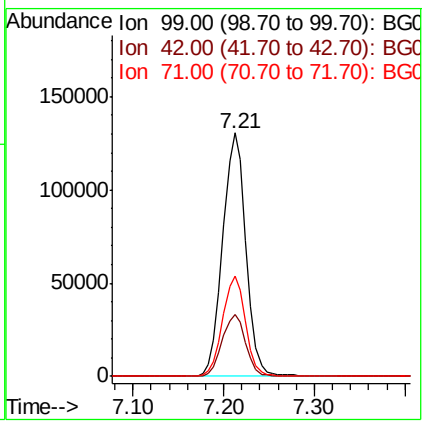


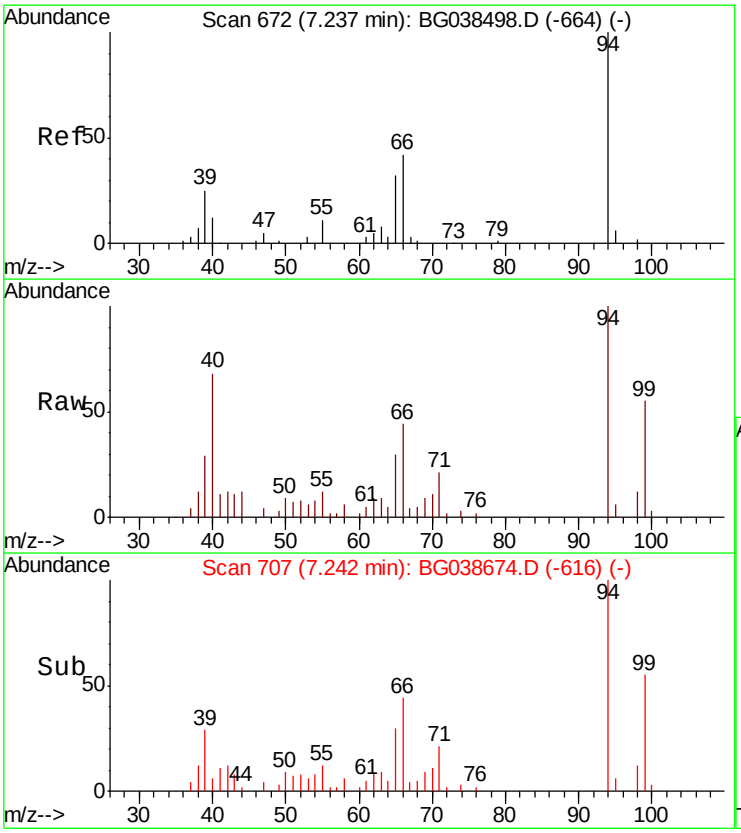
#7
Phenol-d6
Concen: 150.483 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion: 99 Resp: 231970

Ion	Ratio	Lower	Upper
99	100		
42	25.3	18.5	27.7
71	41.1	31.1	46.7

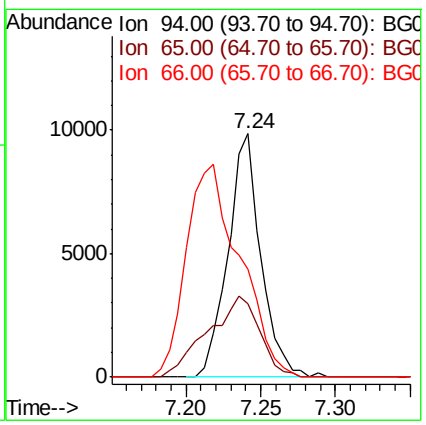


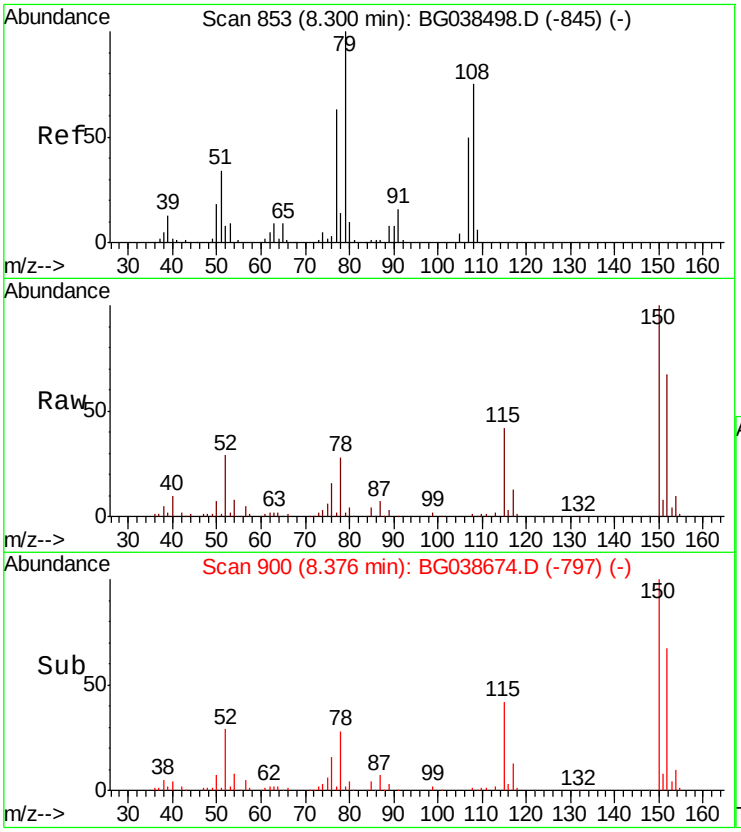


#10
Phenol
Concen: 9.257 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion: 94 Resp: 15160

Ion	Ratio	Lower	Upper
94	100		
65	30.3	12.6	52.6
66	44.4	24.1	64.1



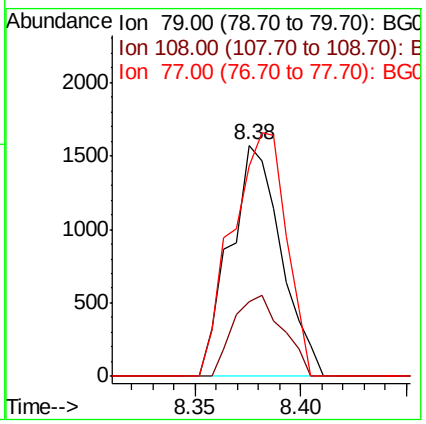


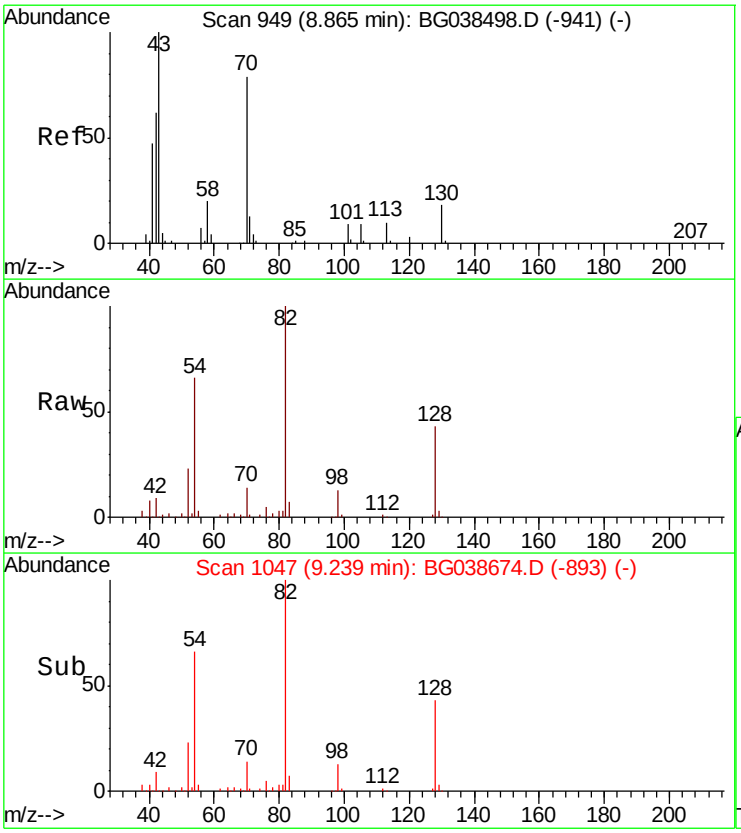
#15
Benzyl Alcohol
Concen: 2.205 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.08 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion: 79 Resp: 2653

Ion	Ratio	Lower	Upper
79	100		
108	32.1	60.2	90.4#
77	91.0	50.7	76.1#

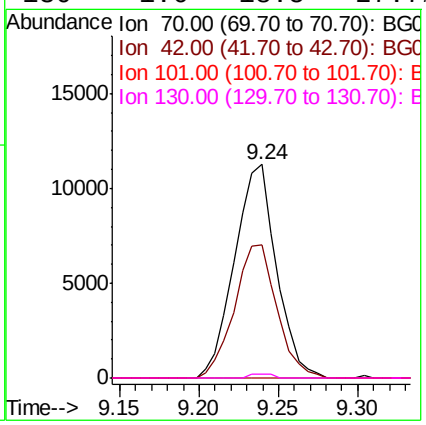


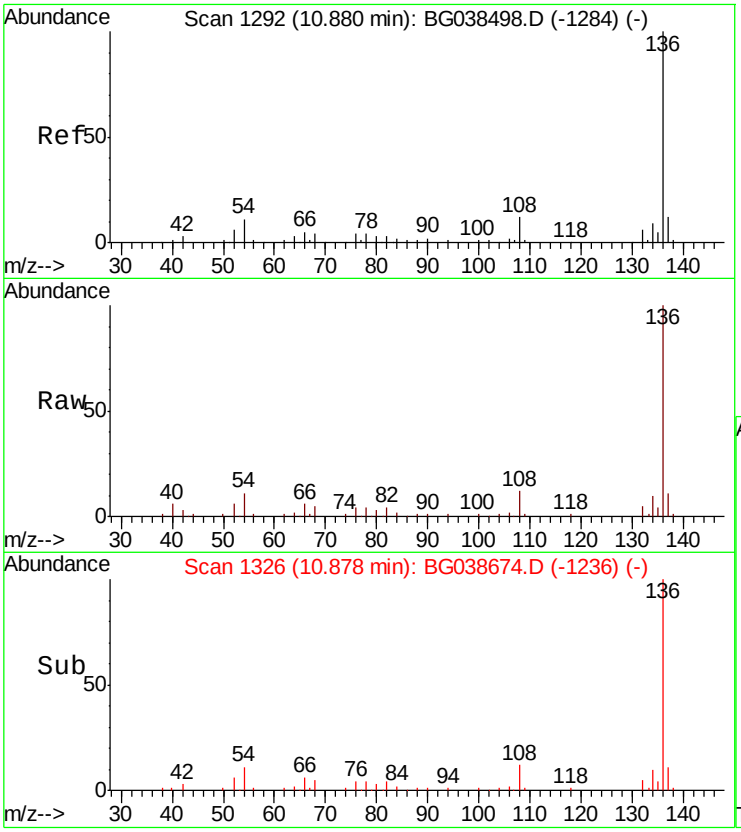


#19
n-Nitroso-di-n-propylamine
Concen: 19.070 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion: 70 Resp: 20646

Ion	Ratio	Lower	Upper
70	100		
42	62.2	63.6	95.4#
101	0.0	9.2	13.8#
130	1.6	18.5	27.7#



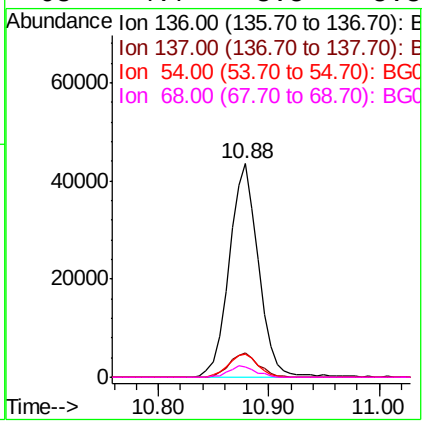


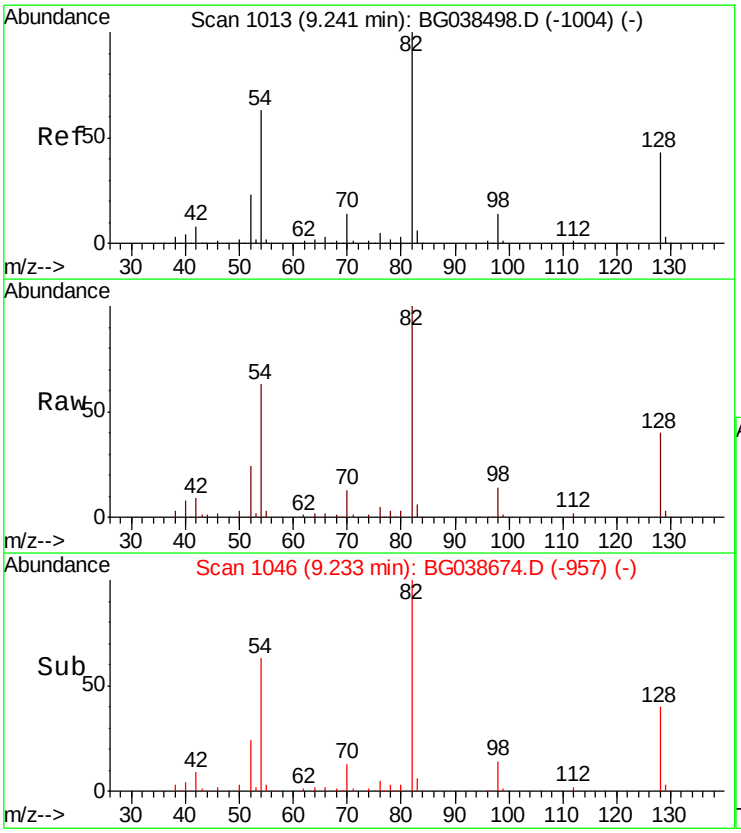
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:136 Resp: 80670

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	10.5	8.5	12.7
68	4.7	3.5	5.3

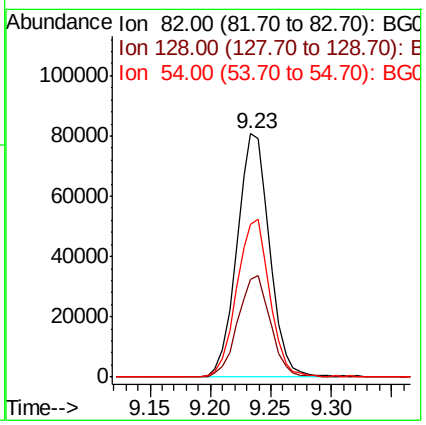


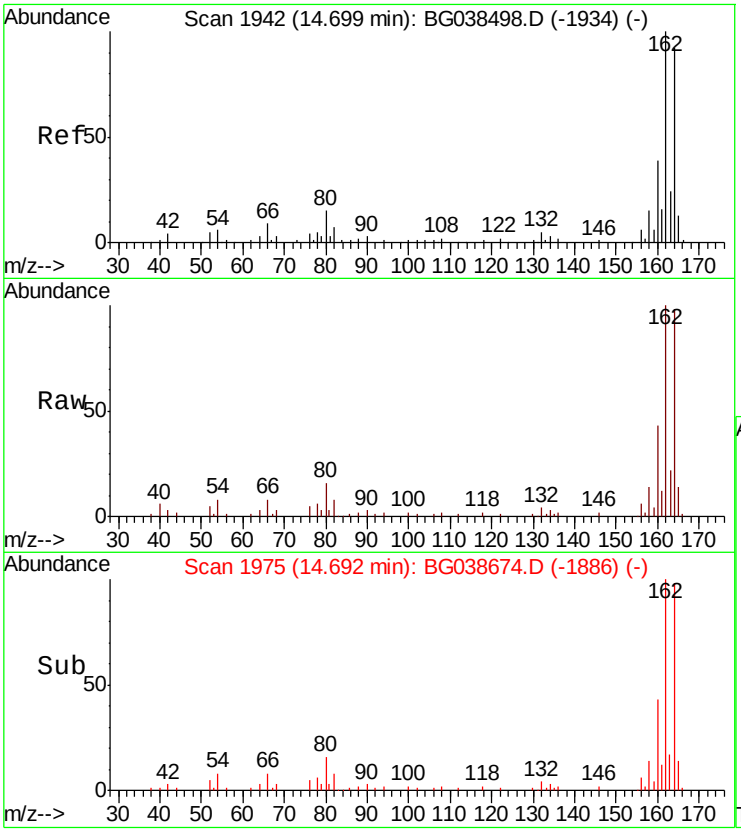


#23
Nitrobenzene-d5
Concen: 96.536 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion: 82 Resp: 152437

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	62.8	50.6	76.0



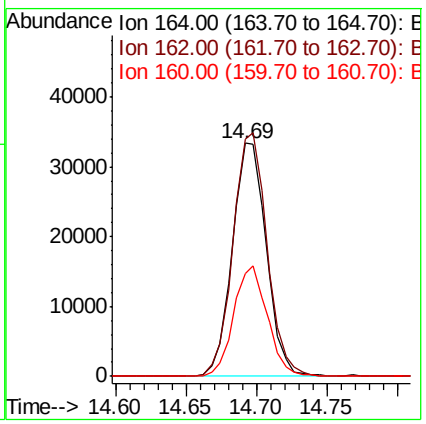


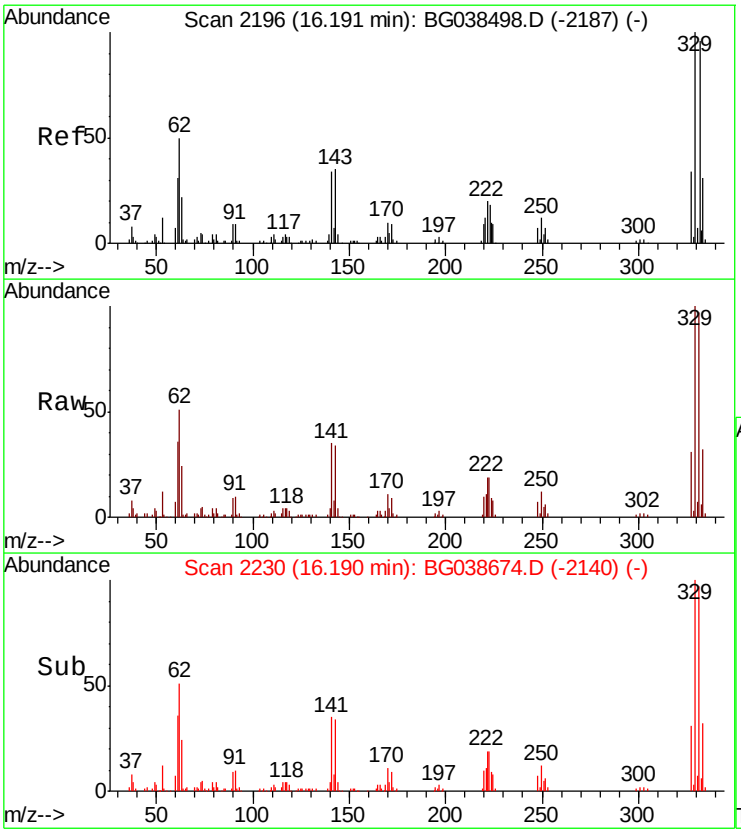
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:164 Resp: 56150

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.6	130.0
160	43.8	34.2	51.2

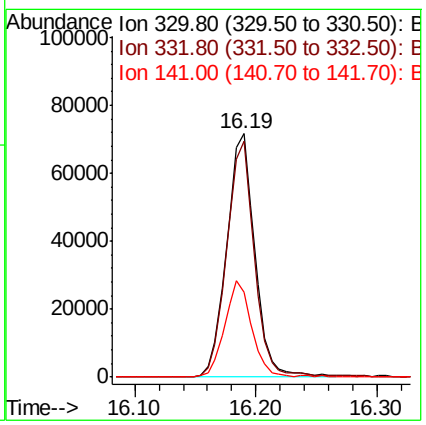


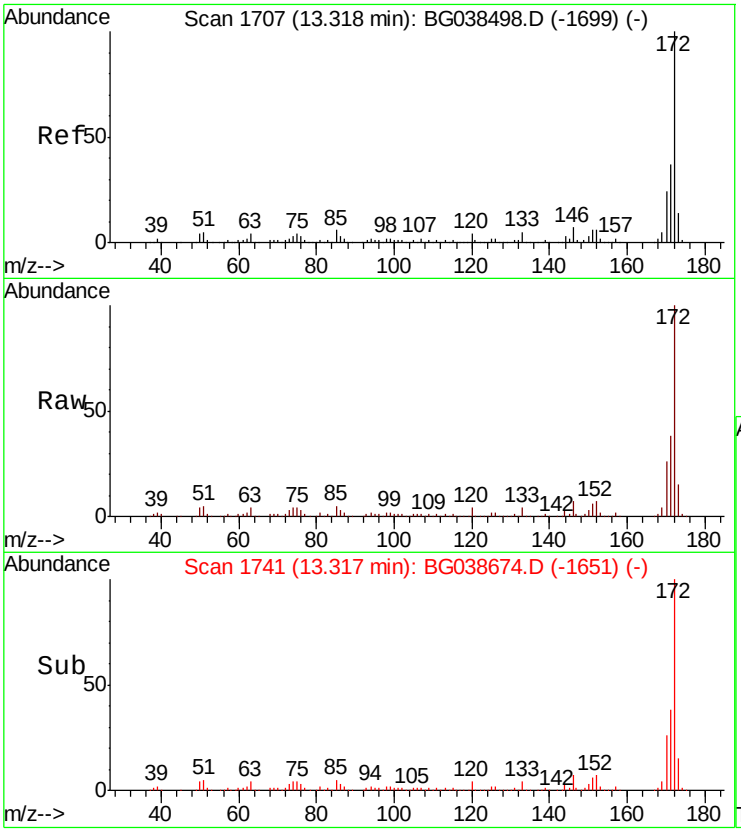


#42
2,4,6-Tribromophenol
Concen: 150.405 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:330 Resp: 116391

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	38.0	28.8	43.2



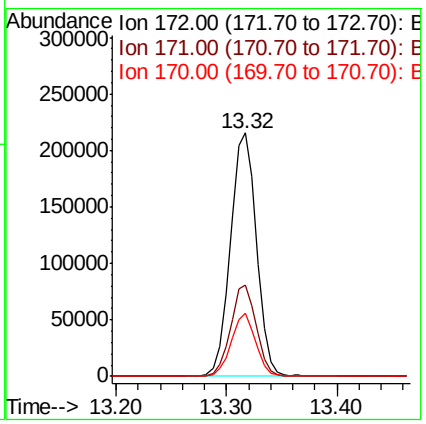


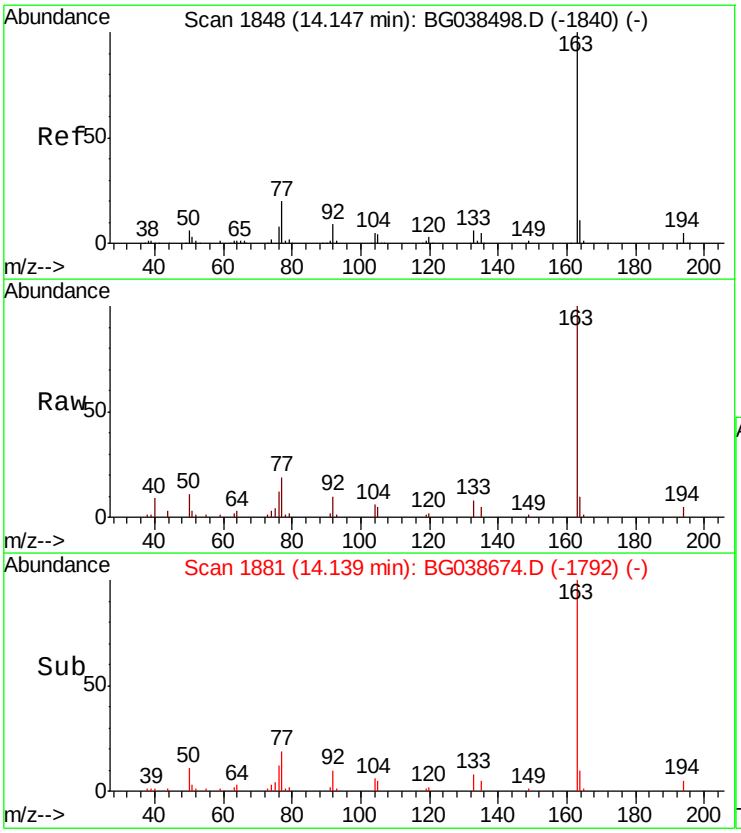
#45
2-Fluorobiphenyl
Concen: 87.201 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:172 Resp: 356914

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	26.1	19.5	29.3

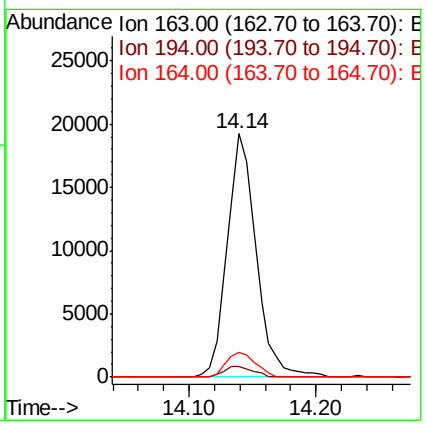


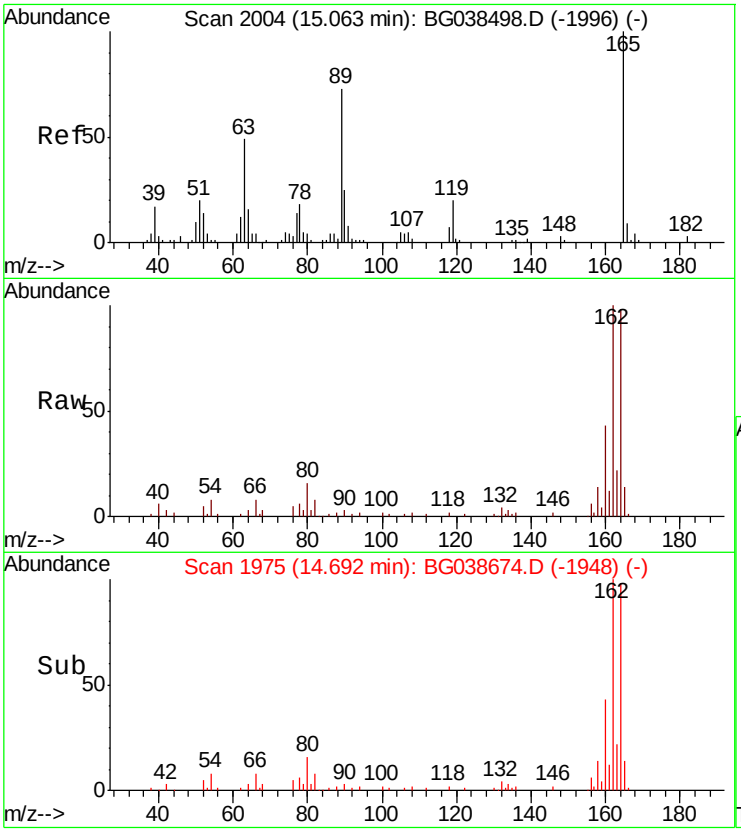


#50
Dimethylphthalate
Concen: 6.601 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:163 Resp: 30268

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.2	8.6	12.8



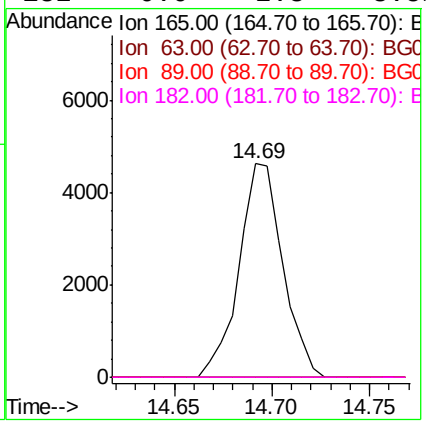


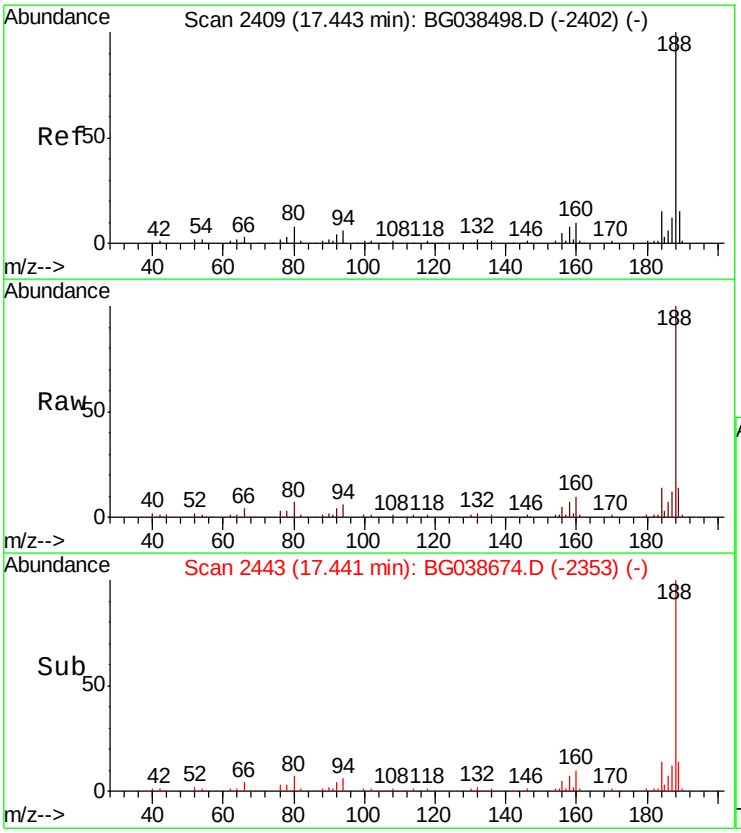
#57
2,4-Dinitrotoluene
Concen: 4.907 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:165 Resp: 7182

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#

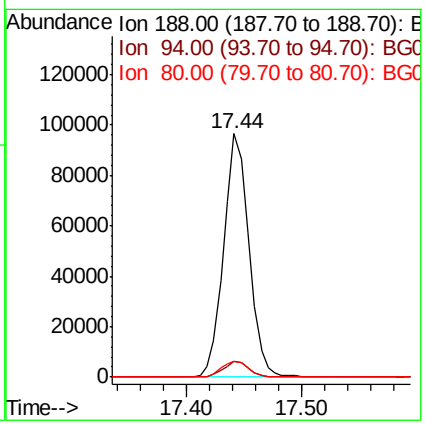


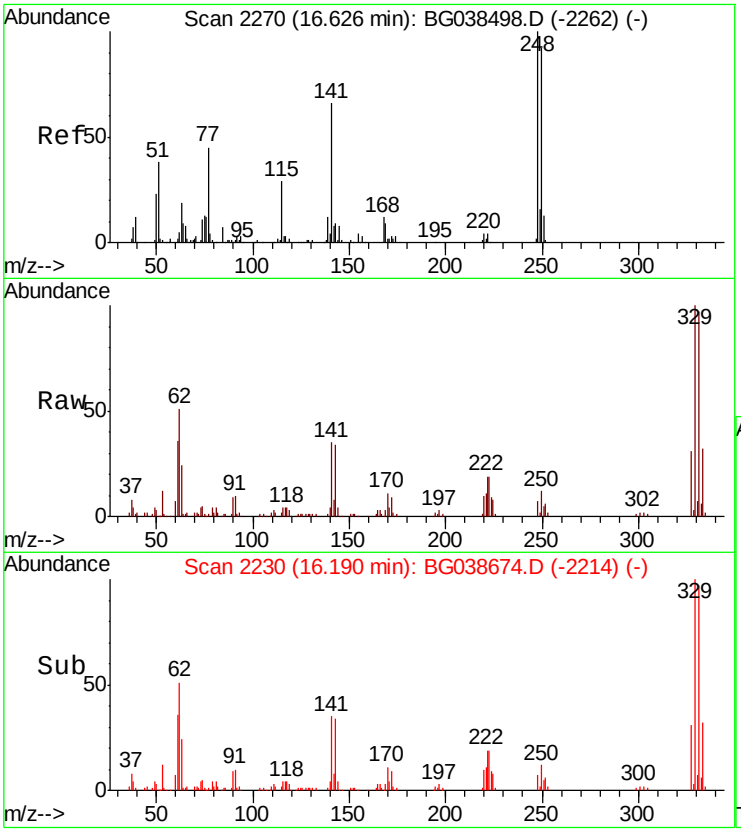


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:188 Resp: 146260

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.6	6.1	9.1



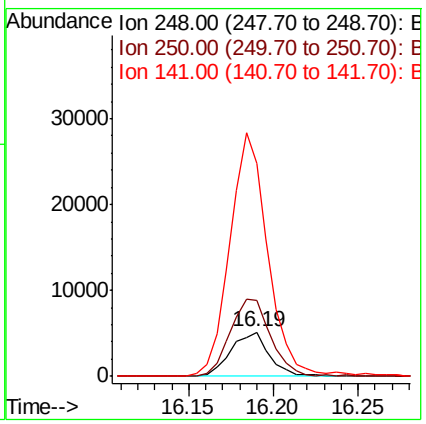


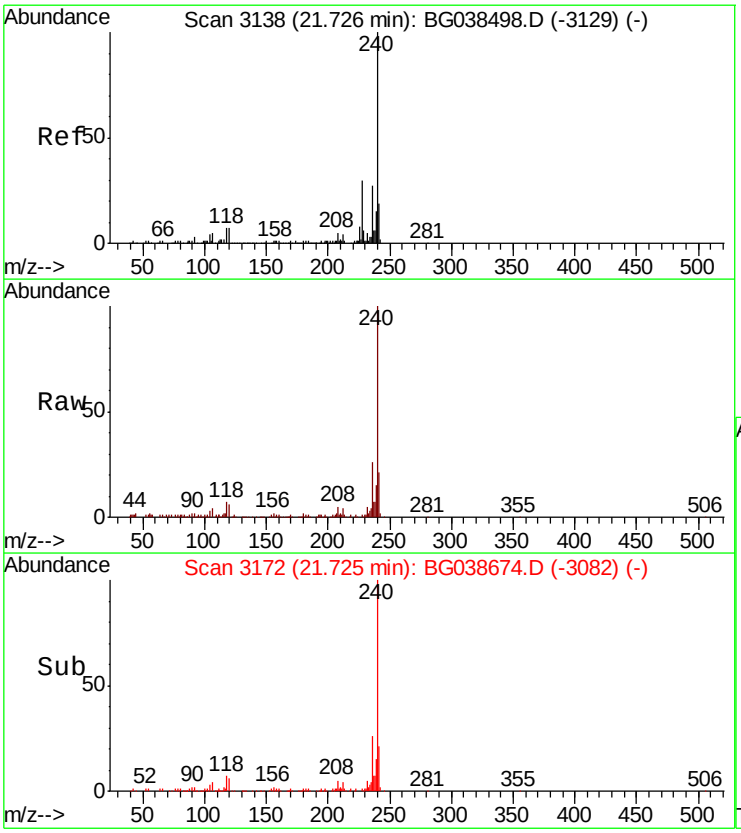
#67
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:248 Resp: 8088

Ion	Ratio	Lower	Upper
248	100		
250	236.2	73.4	110.2#
141	482.1	52.9	79.3#

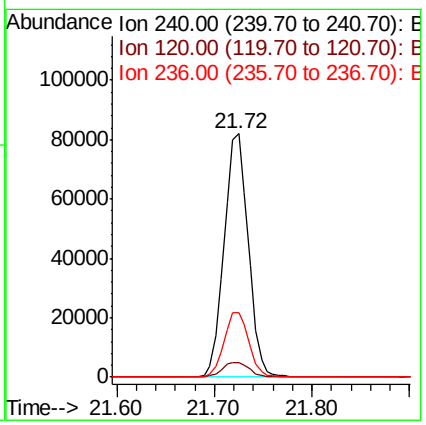


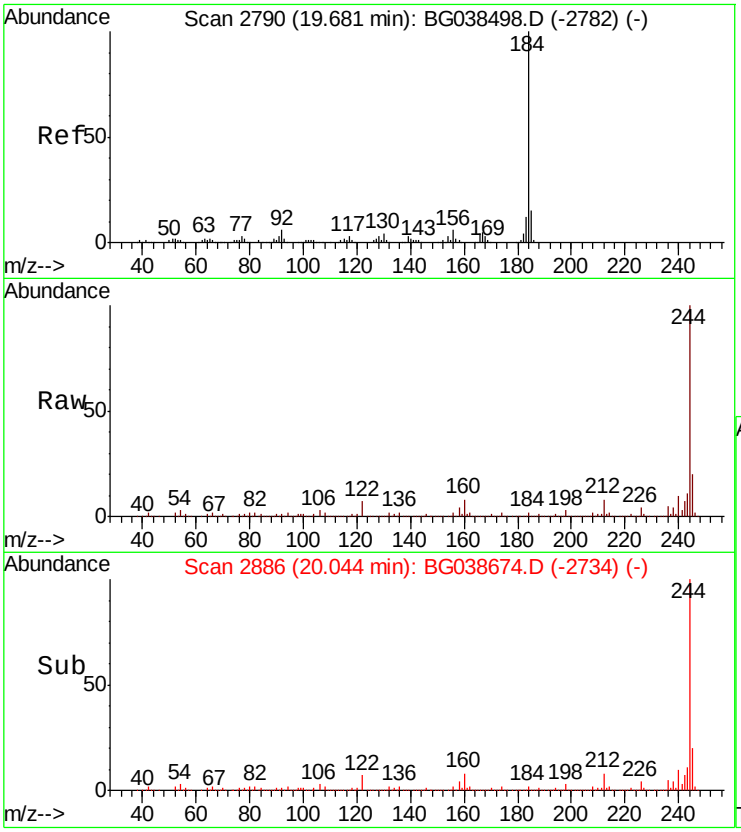


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:240 Resp: 140573

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.3	7.9
236	26.4	21.4	32.2



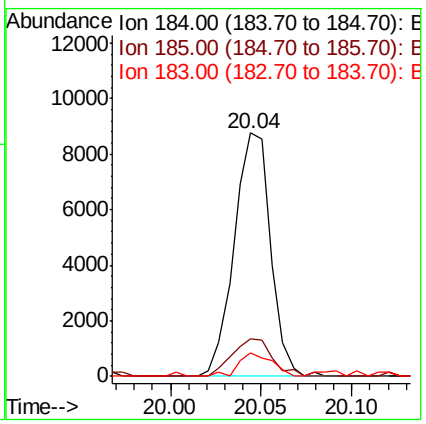


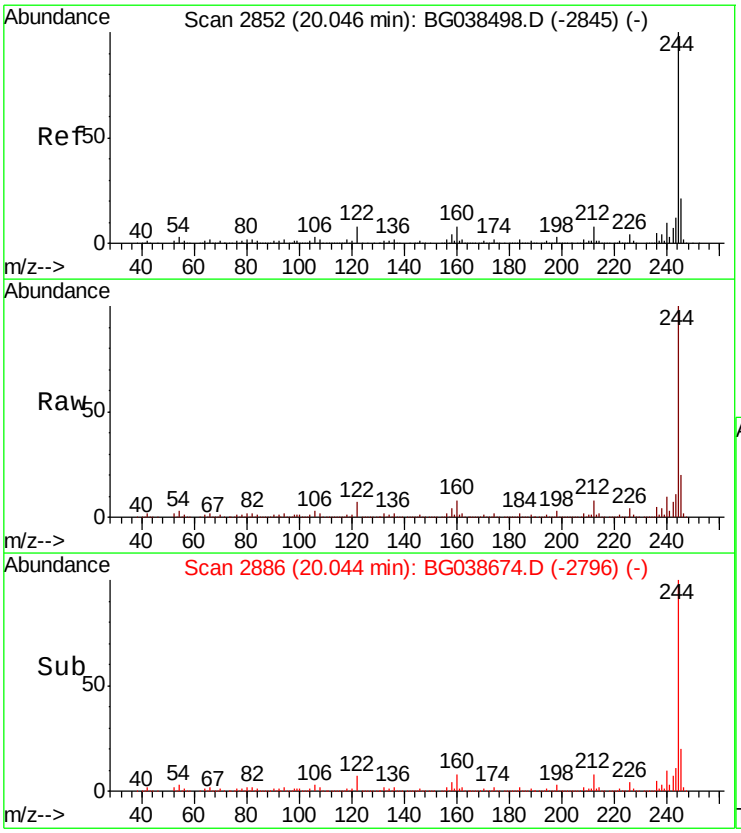
#77
Benzidine
Concen: 2.937 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:184 Resp: 12211

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	9.6	9.6	14.4

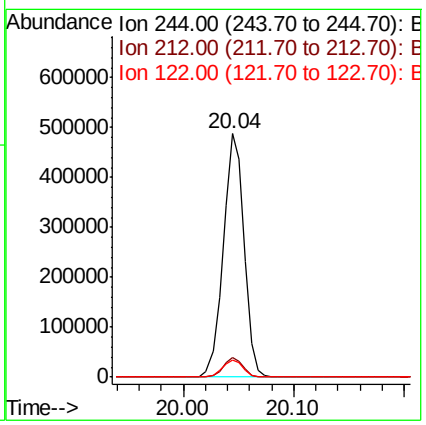


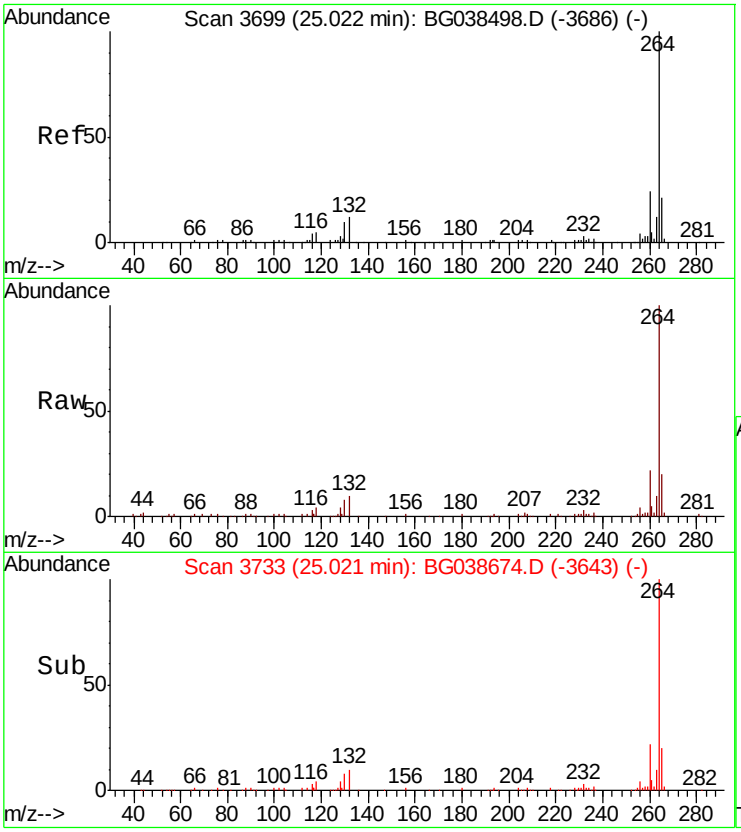


#79
Terphenyl-d14
Concen: 98.877 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:244 Resp: 638662

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	6.9	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: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:264 Resp: 158520

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	19.7	17.0	25.4