Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038666.D
Acq On : 17 Dec 2018 17:03
Operator : JU/SJ
Sample : J6378-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS001-1824-01

Quant Time: Dec 18 02:57:14 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	20917	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	85671	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	58002	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	154828	20.00	ng		0.00
76) Chrysene-d12	21.72	240	161584	20.00	ng		0.00
87) Perylene-d12	25.02	264	172331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	146314	124.07	ng		0.00
7) Phenol-d6	7.21	99	200311	123.73	ng		0.00
23) Nitrobenzene-d5	9.23	82	132568	79.05	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	101602	127.10	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	280298	66.30	ng		0.00
79) Terphenyl-d14	20.05	244	551760	74.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	12083	7.025	ng		94
19) n-Nitroso-di-n-propylamine	9.23	70	17702	15.568	ng	#	70
50) Dimethylphthalate	14.14	163	21832	4.609	ng		96
51) 2,6-Dinitrotoluene	14.70	165	7572	7.054	ng	#	19
57) 2,4-Dinitrotoluene	14.70	165	7572	5.008	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	6743	3.566	ng	#	1
77) Benzidine	20.05	184	9751	2.041	ng	#	92

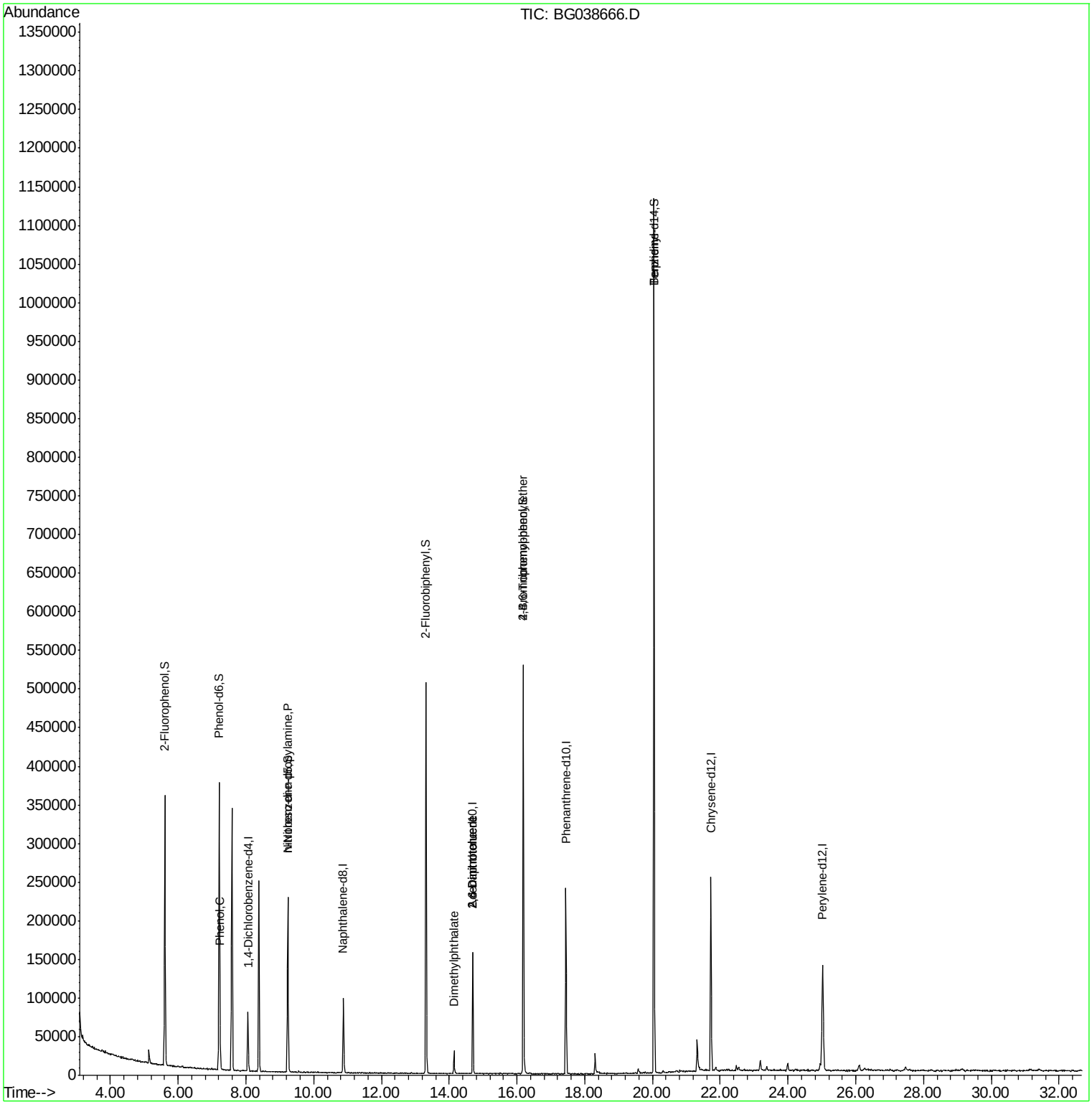
(#) = qualifier out of range (m) = manual integration (+) = signals summed

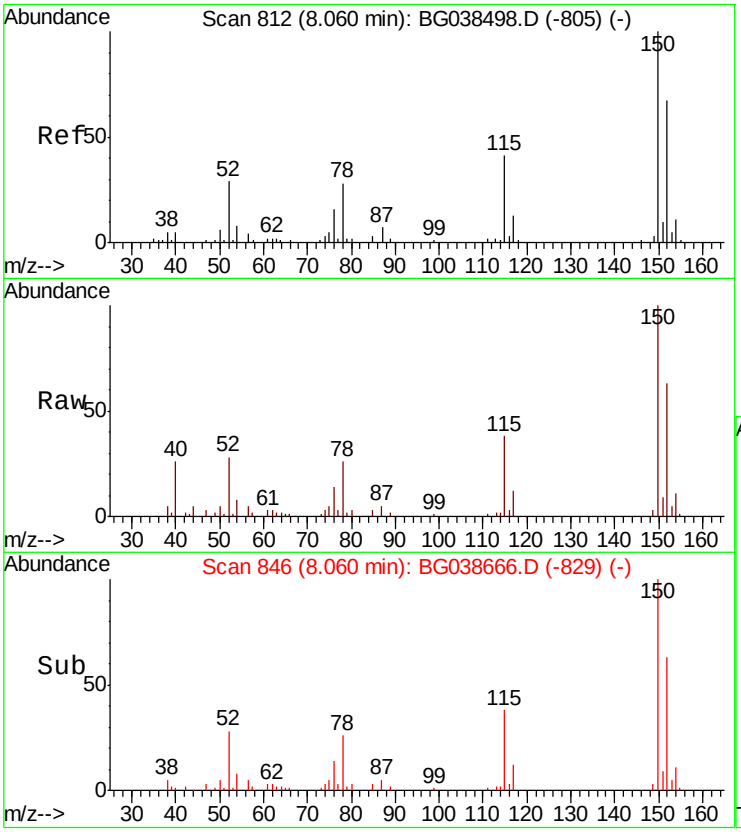
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038666.D
Acq On : 17 Dec 2018 17:03
Operator : JU/SJ
Sample : J6378-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Quant Time: Dec 18 02:57:14 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



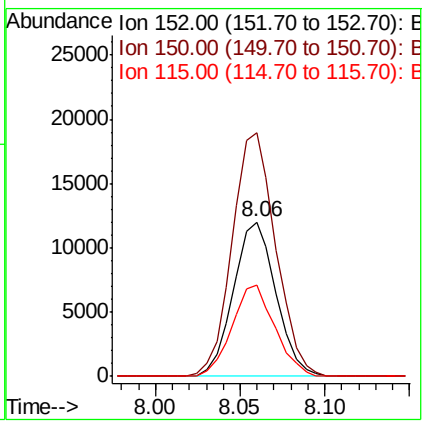


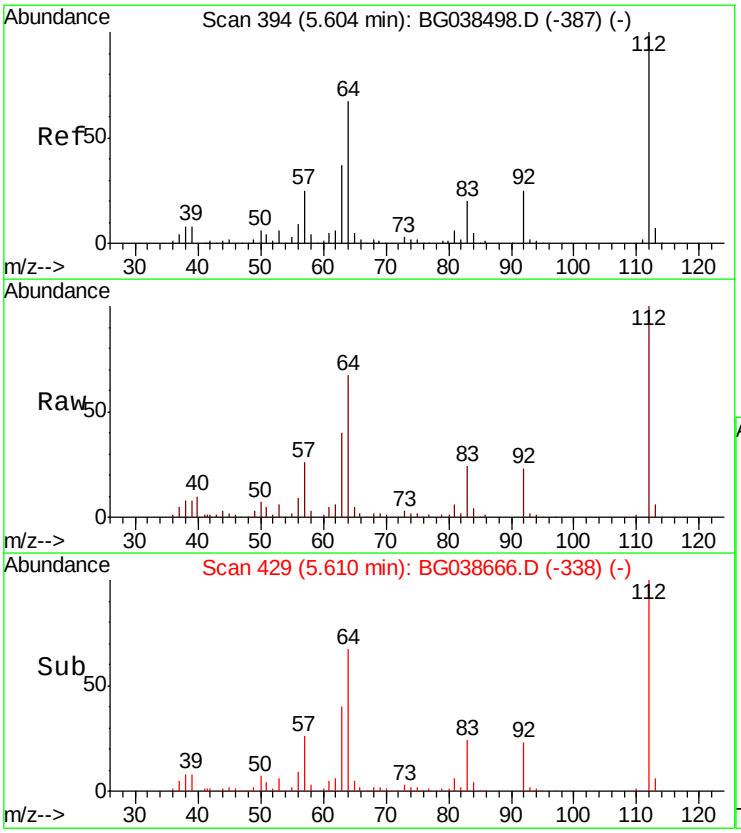
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:152 Resp: 20917

Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	59.4	49.6	74.4

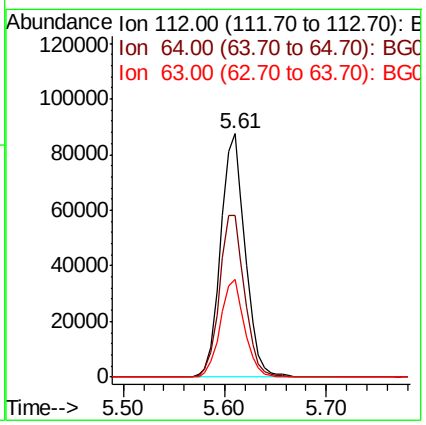


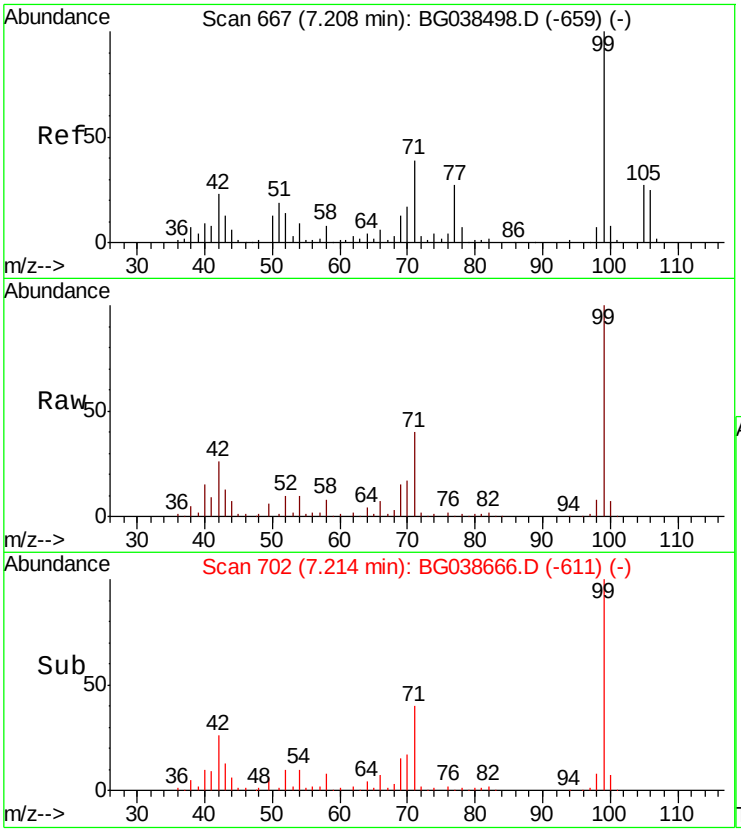


#5
2-Fluorophenol
Concen: 124.067 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:112 Resp: 146314

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.4	80.2
63	40.2	29.3	43.9



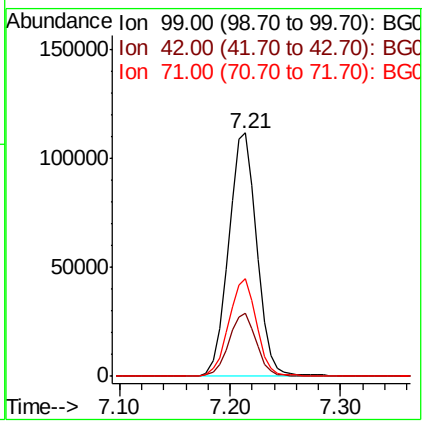


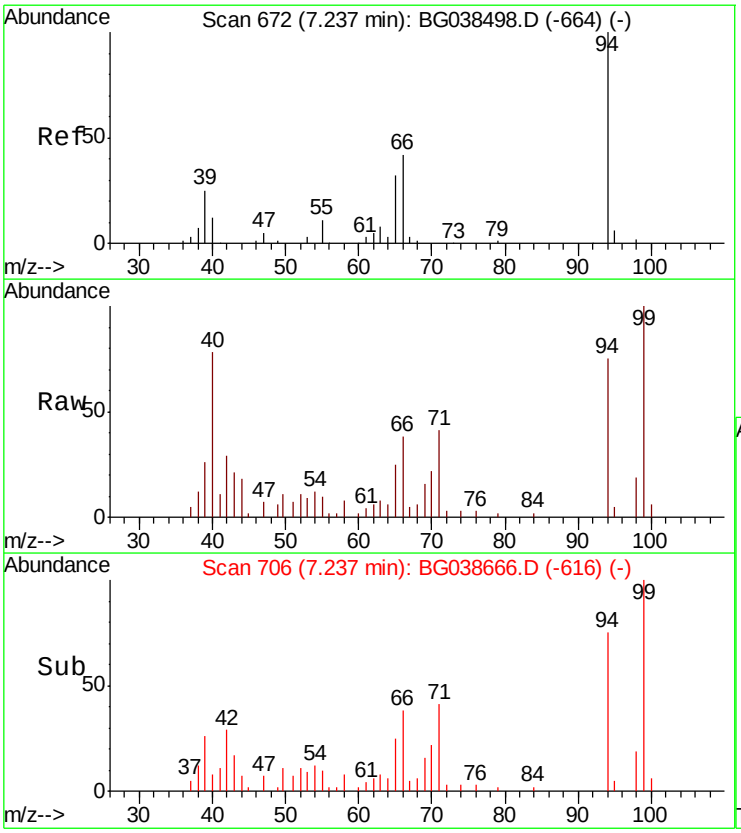
#7
Phenol-d6
Concen: 123.727 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion: 99 Resp: 200311

Ion	Ratio	Lower	Upper
99	100		
42	25.7	18.5	27.7
71	40.1	31.1	46.7

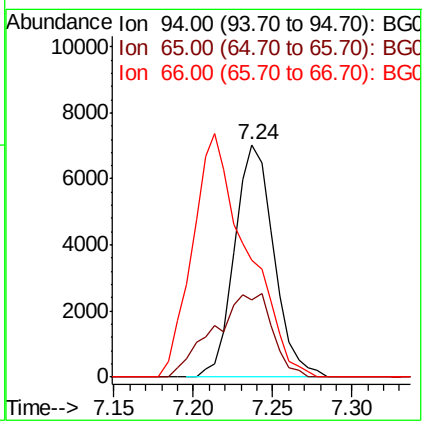


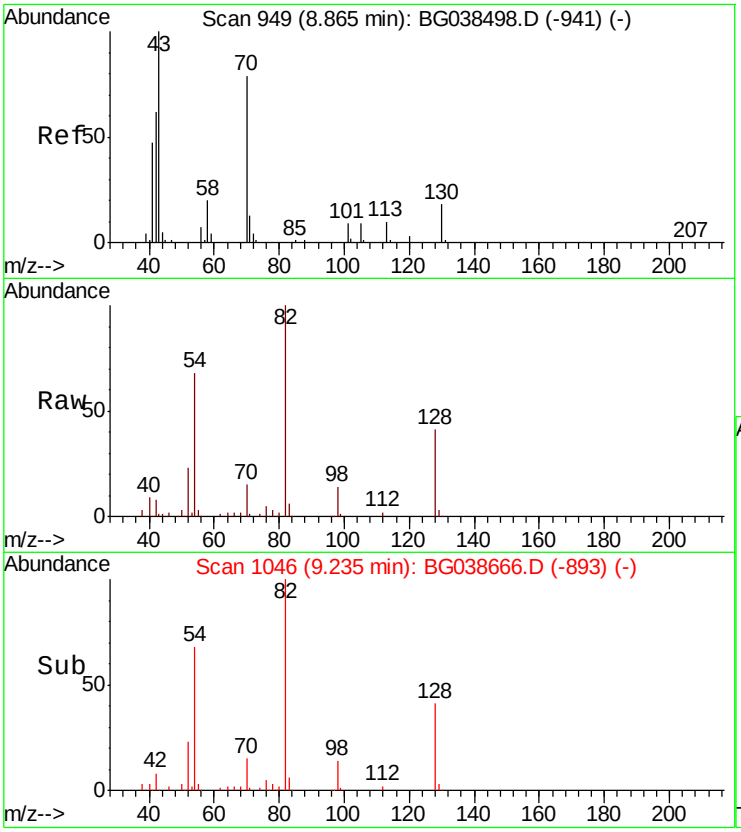


#10
Phenol
Concen: 7.025 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion: 94 Resp: 12083

Ion	Ratio	Lower	Upper
94	100		
65	33.4	12.6	52.6
66	50.2	24.1	64.1



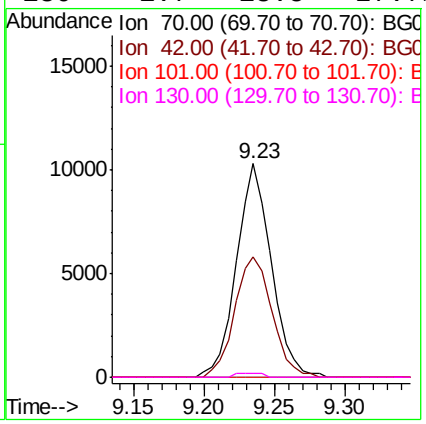


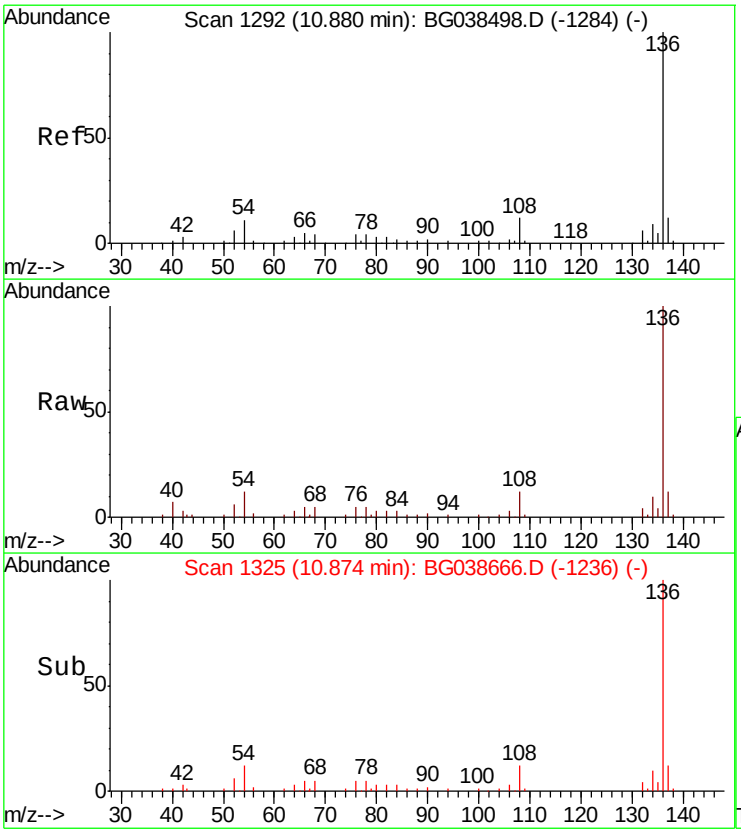
#19
n-Nitroso-di-n-propylamine
Concen: 15.568 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion: 70 Resp: 17702

Ion	Ratio	Lower	Upper
70	100		
42	56.5	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#

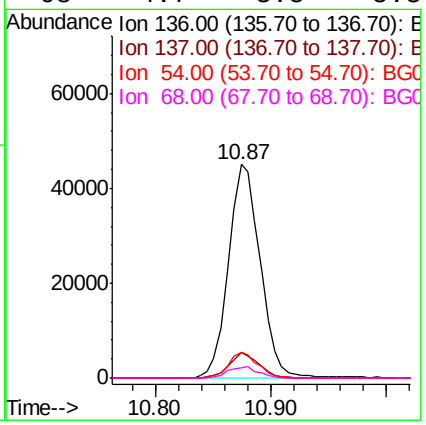


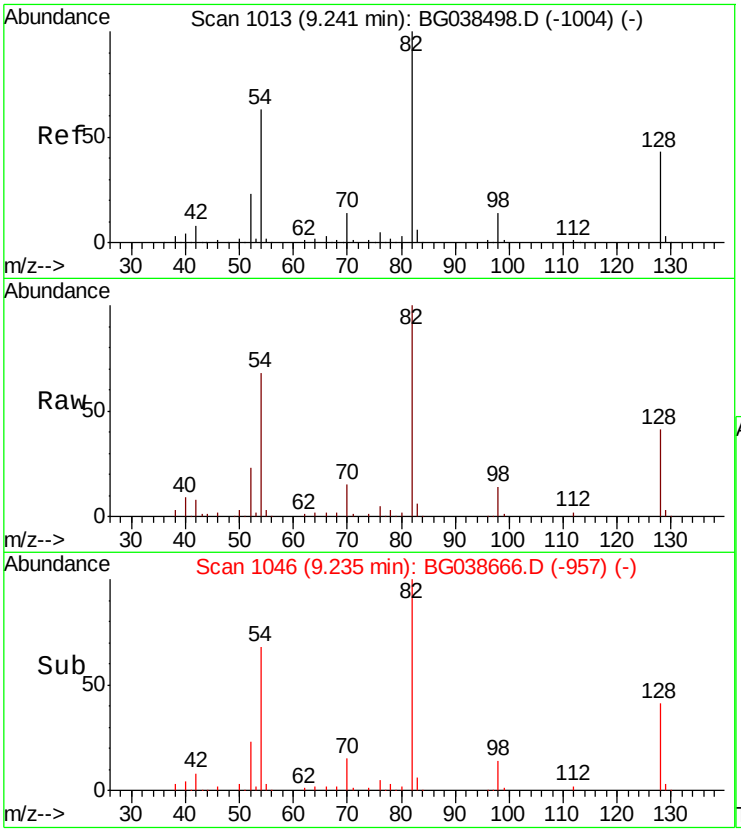


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:136 Resp: 85671

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	11.7	8.5	12.7
68	4.7	3.5	5.3



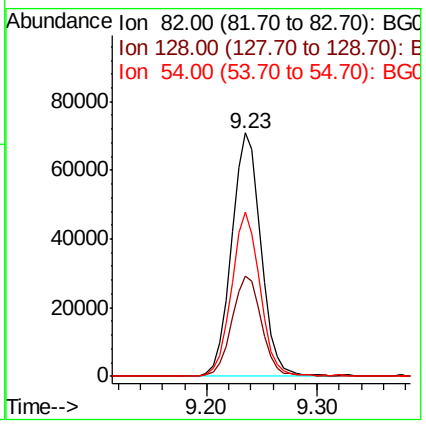


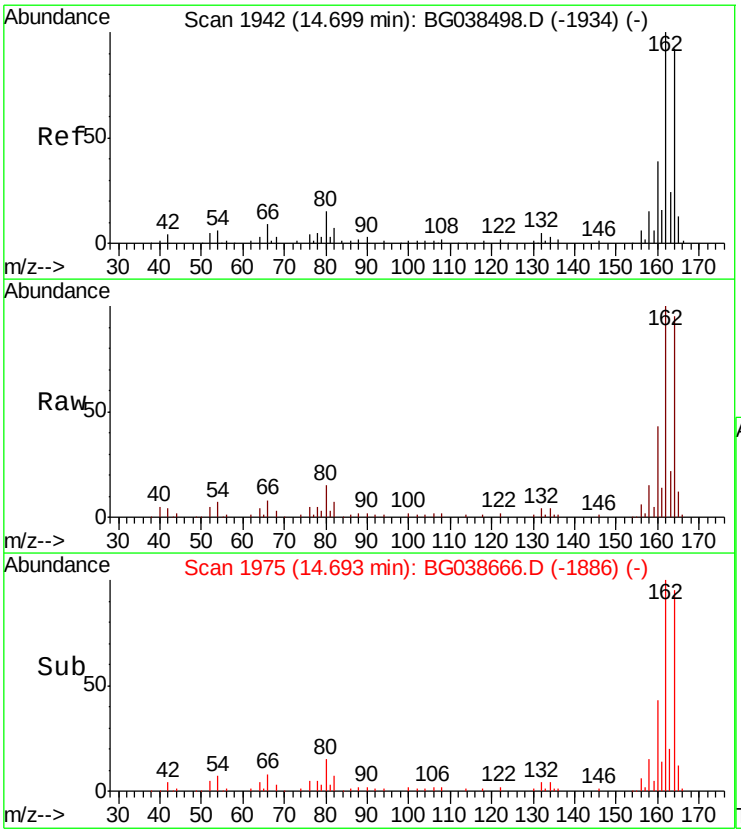
#23
Nitrobenzene-d5
Concen: 79.053 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion: 82 Resp: 132568

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	67.6	50.6	76.0

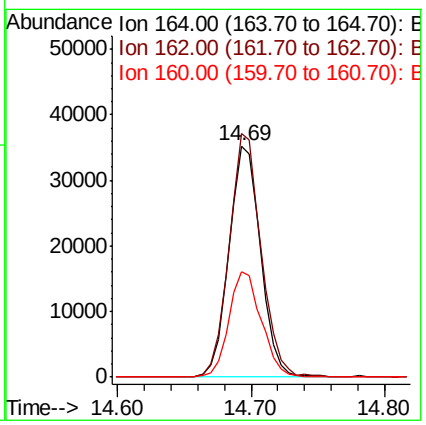


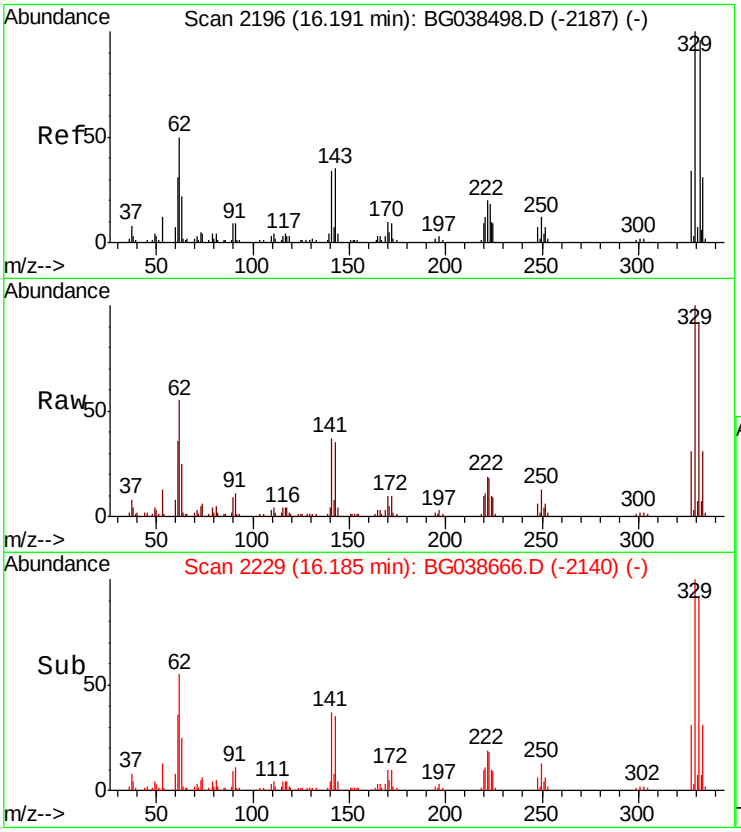


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:164 Resp: 58002

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.6	130.0
160	45.3	34.2	51.2



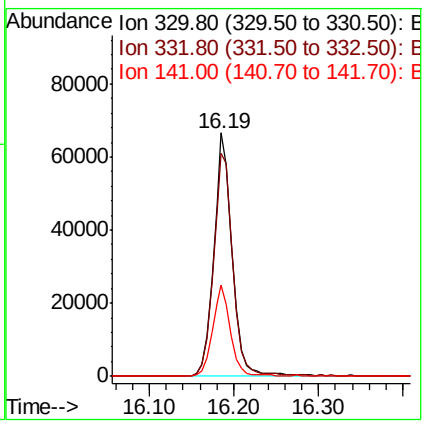


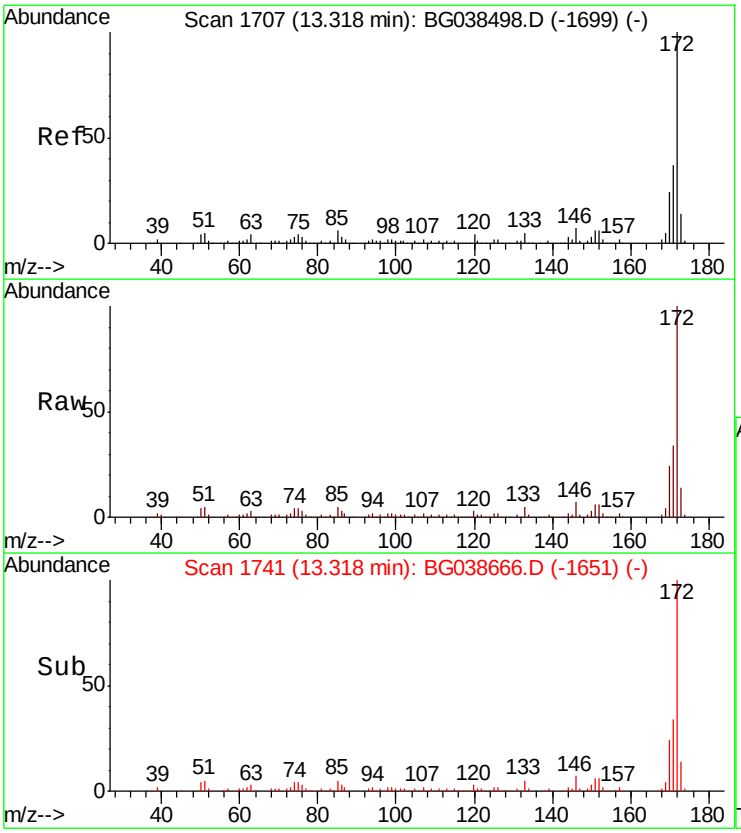
#42
2,4,6-Tribromophenol
Concen: 127.102 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:330 Resp: 101602

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	36.4	28.8	43.2

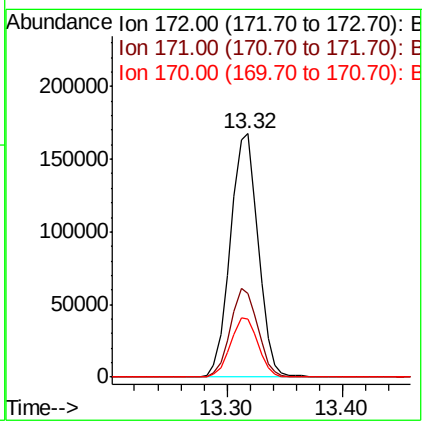


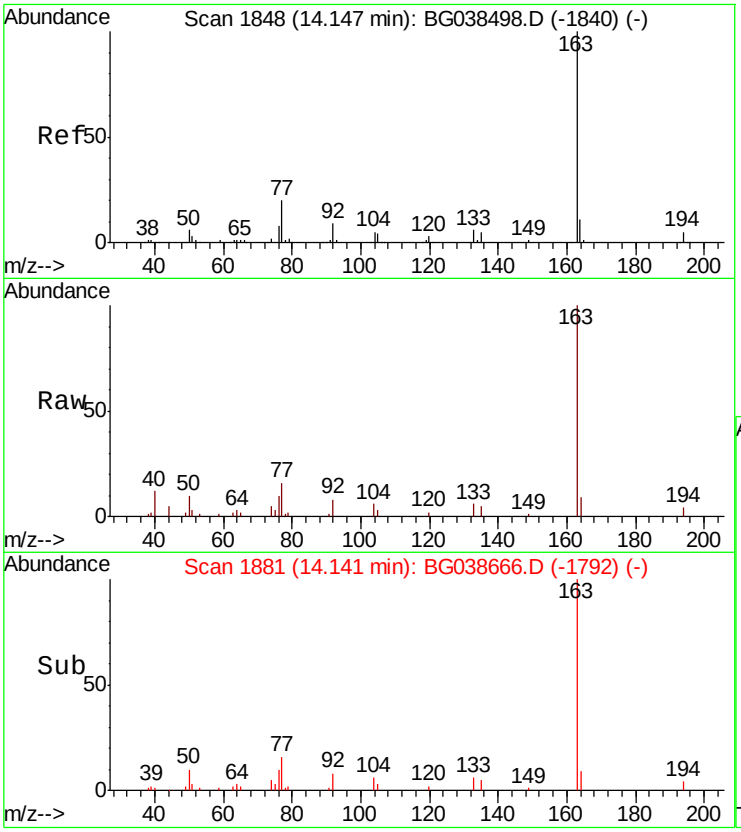


#45
2-Fluorobiphenyl
Concen: 66.295 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:172 Resp: 280298

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.8	44.6
170	23.7	19.5	29.3



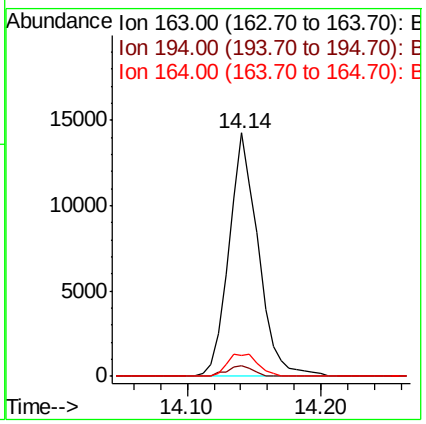


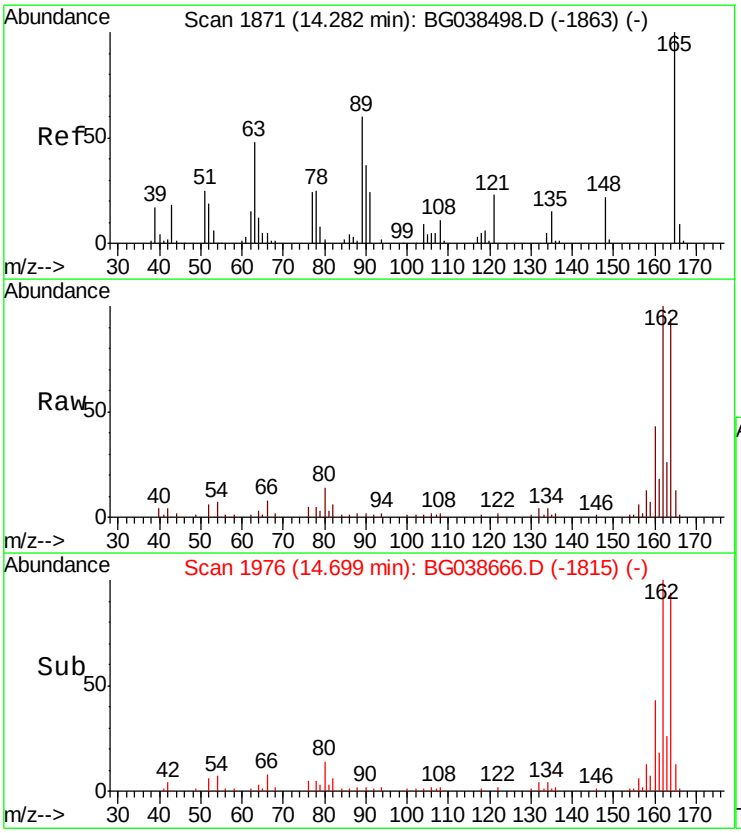
#50
Dimethylphthalate
Concen: 4.609 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:163 Resp: 21832

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	8.6	8.6	12.8

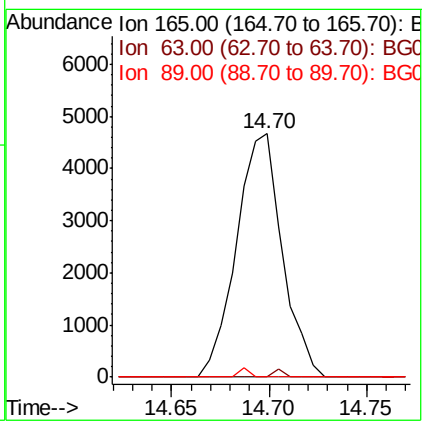


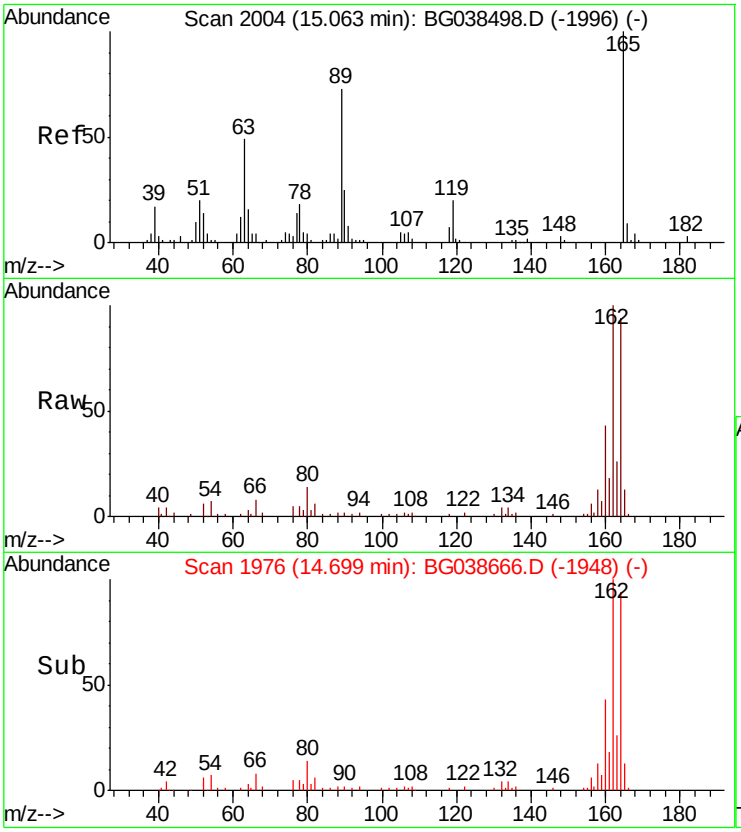


#51
2,6-Dinitrotoluene
Concen: 7.054 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:165 Resp: 7572

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



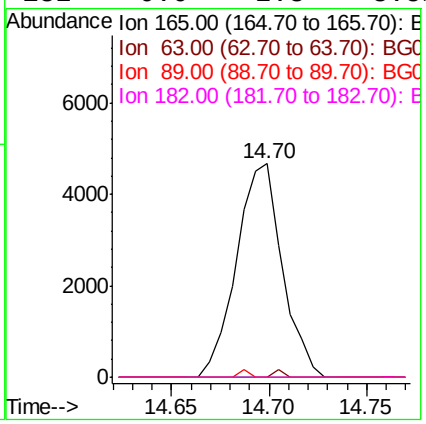


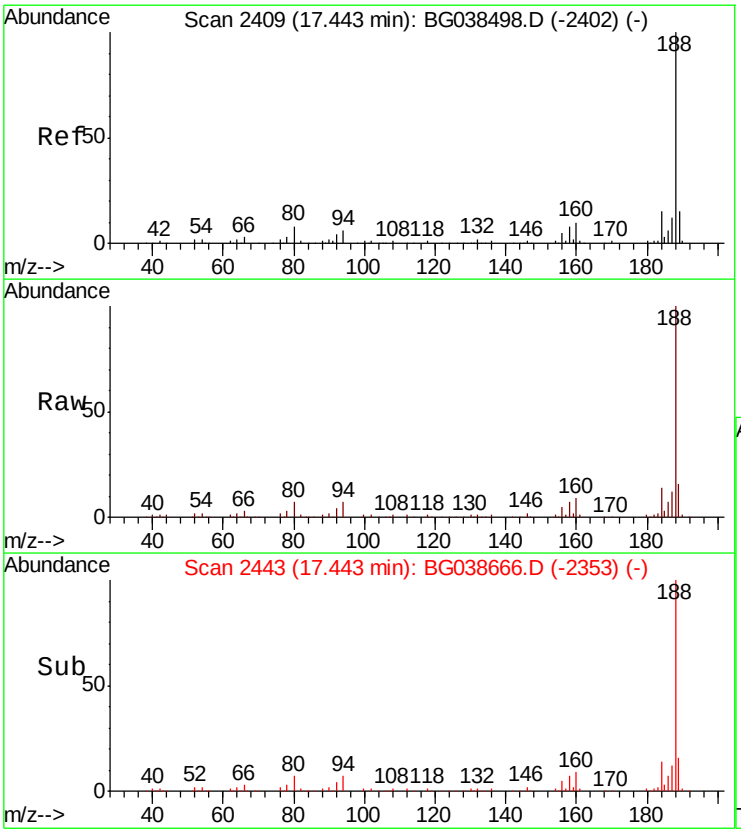
#57
2,4-Dinitrotoluene
Concen: 5.008 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:165 Resp: 7572

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#

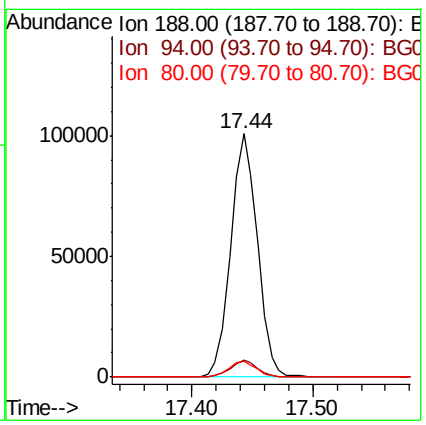


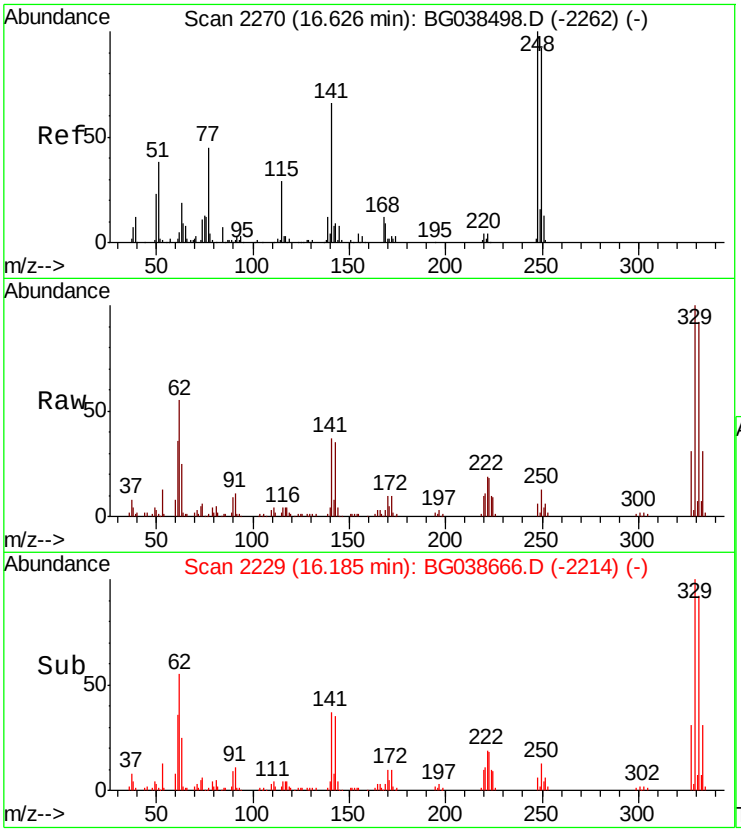


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:188 Resp: 154828

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	6.7	6.1	9.1



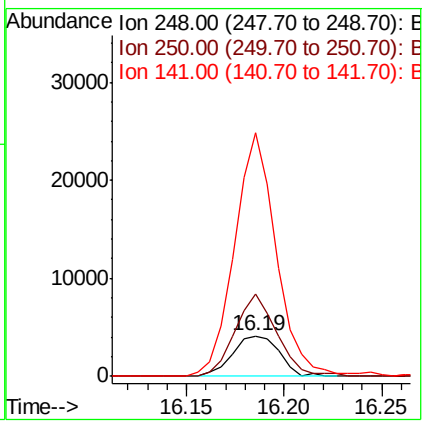


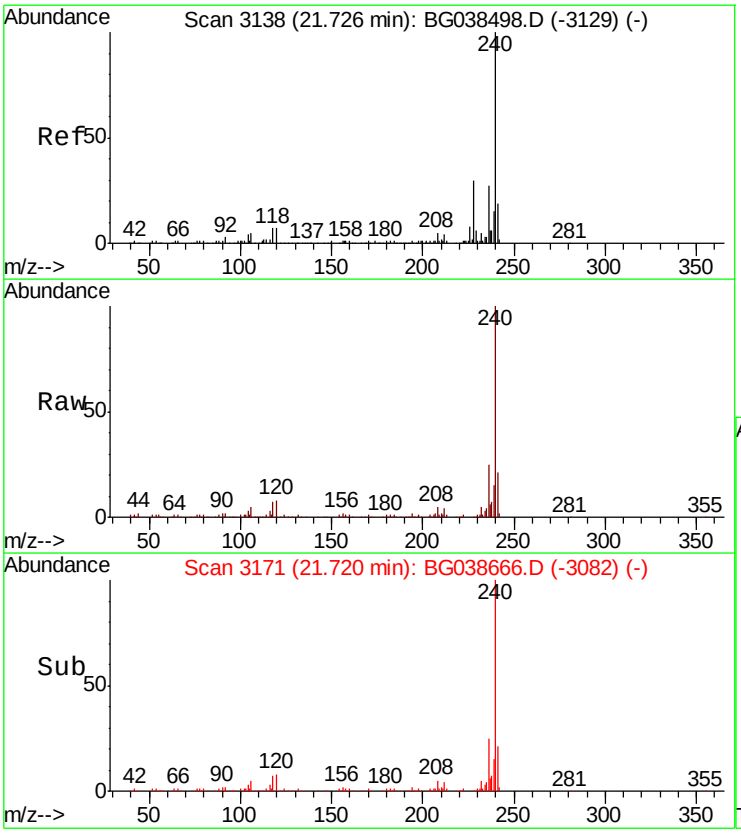
#67
4-Bromophenyl-phenylether
Concen: 3.566 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:248 Resp: 6743

Ion	Ratio	Lower	Upper
248	100		
250	196.6	73.4	110.2#
141	443.5	52.9	79.3#

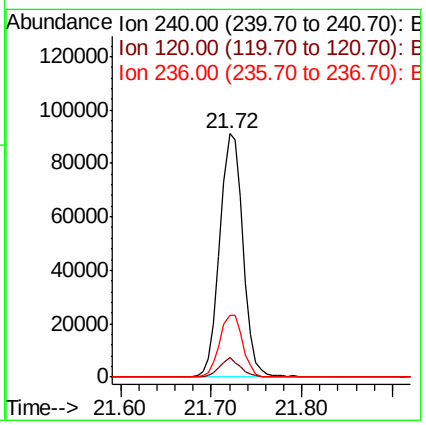


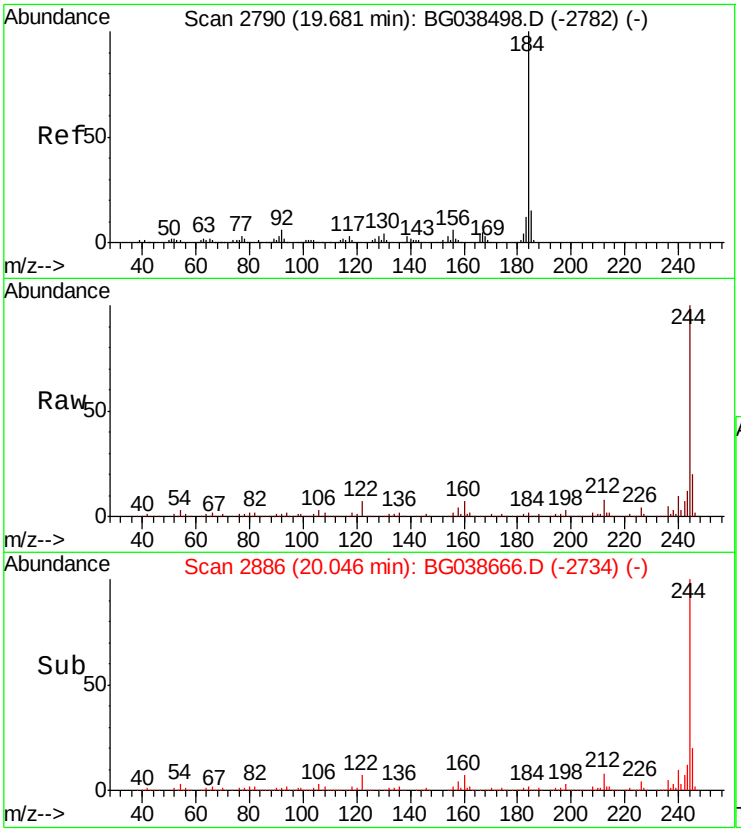


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:240 Resp: 161584

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.3	7.9#
236	25.4	21.4	32.2



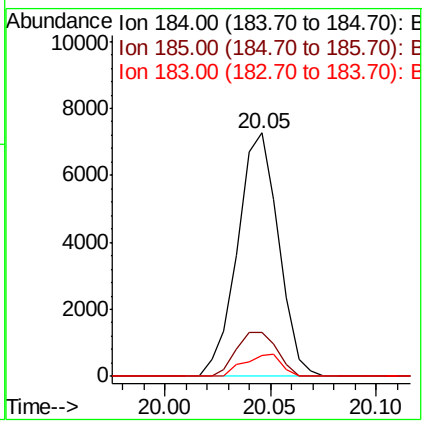


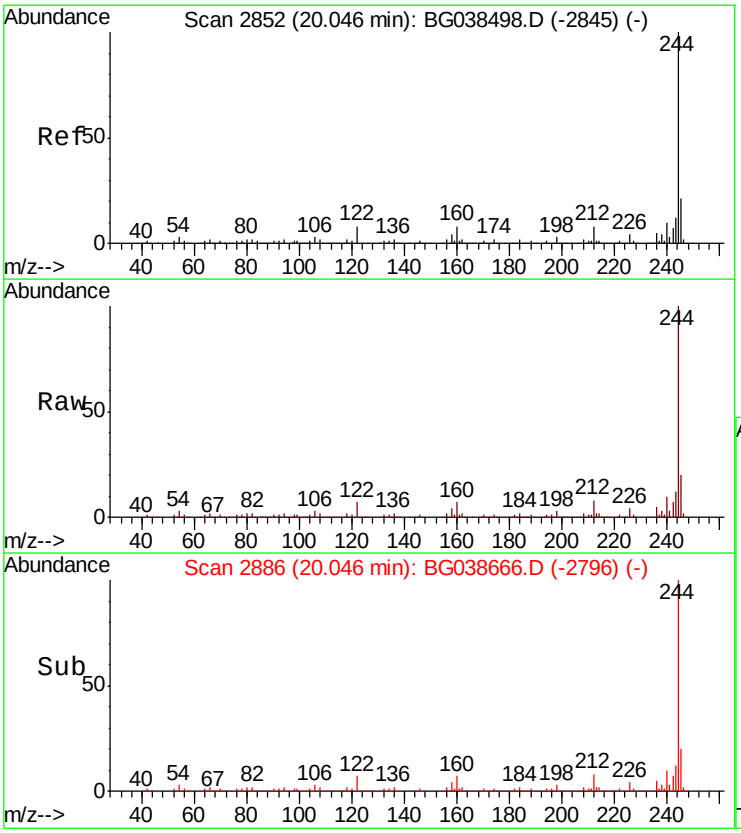
#77
Benzidine
Concen: 2.041 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:184 Resp: 9751

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.2	18.2
183	8.3	9.6	14.4#

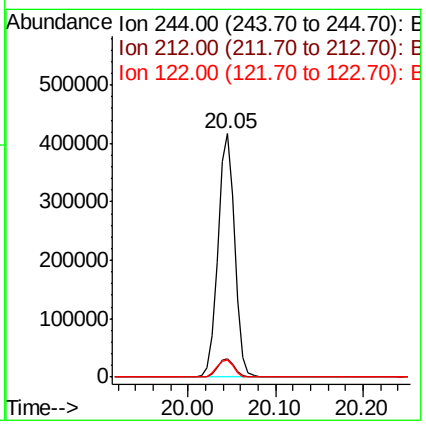


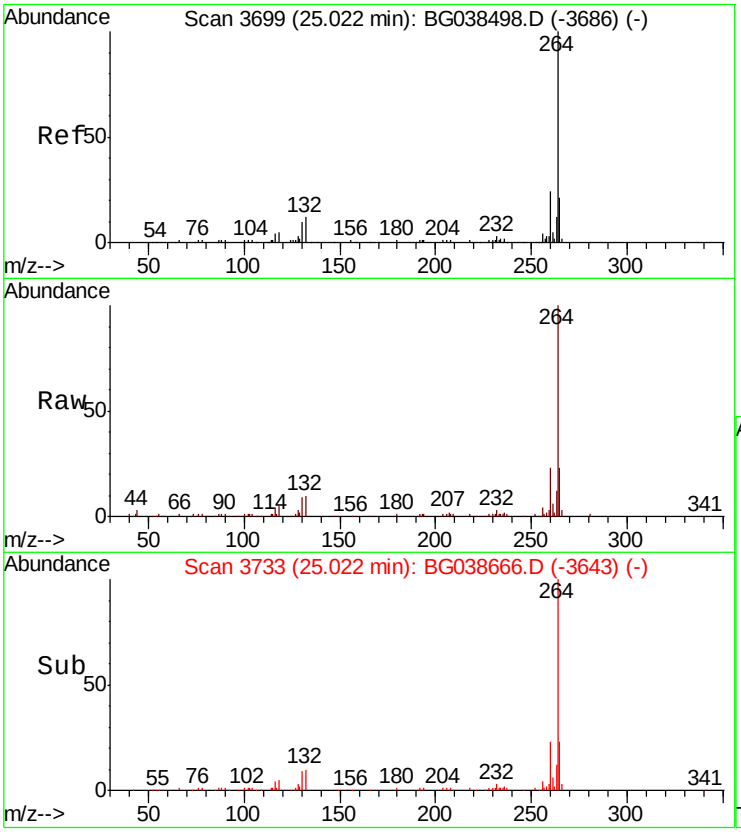


#79
Terphenyl-d14
Concen: 74.315 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:244 Resp: 551760

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	6.8	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: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:264 Resp: 172331

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.8	17.0	25.4