Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038956.D
Acq On : 5 Jan 2019 9:32
Operator : JU/SJ
Sample : K1036-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 06 22:44:06 2019
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	8.04	152	26979	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	120809	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	73638	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	168194	20.00	ng		-0.01
76) Chrysene-d12	21.72	240	163962	20.00	ng		-0.01
87) Perylene-d12	25.01	264	175007	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	122845	80.76	ng		0.00
7) Phenol-d6	7.21	99	169277	81.06	ng		0.00
23) Nitrobenzene-d5	9.22	82	107358	45.40	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	92491	91.14	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	292625	54.51	ng		-0.02
79) Terphenyl-d14	20.04	244	463446	61.52	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.46	93	17186	6.447	ng	#	51
10) Phenol	7.23	94	7655	3.451	ng		92
11) bis(2-Chloroethyl)ether	7.46	93	17186	9.730	ng	#	18
16) 2,2'-oxybis(1-Chloropropan	8.68	45	8262	2.042	ng		78
32) Benzoic acid	10.24	122	1041	10.900	ng	#	34
50) Dimethylphthalate	14.13	163	17609	2.928	ng		99
51) 2,6-Dinitrotoluene	14.69	165	9574	7.025	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	9574	4.988	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	5961	2.902	ng	#	1

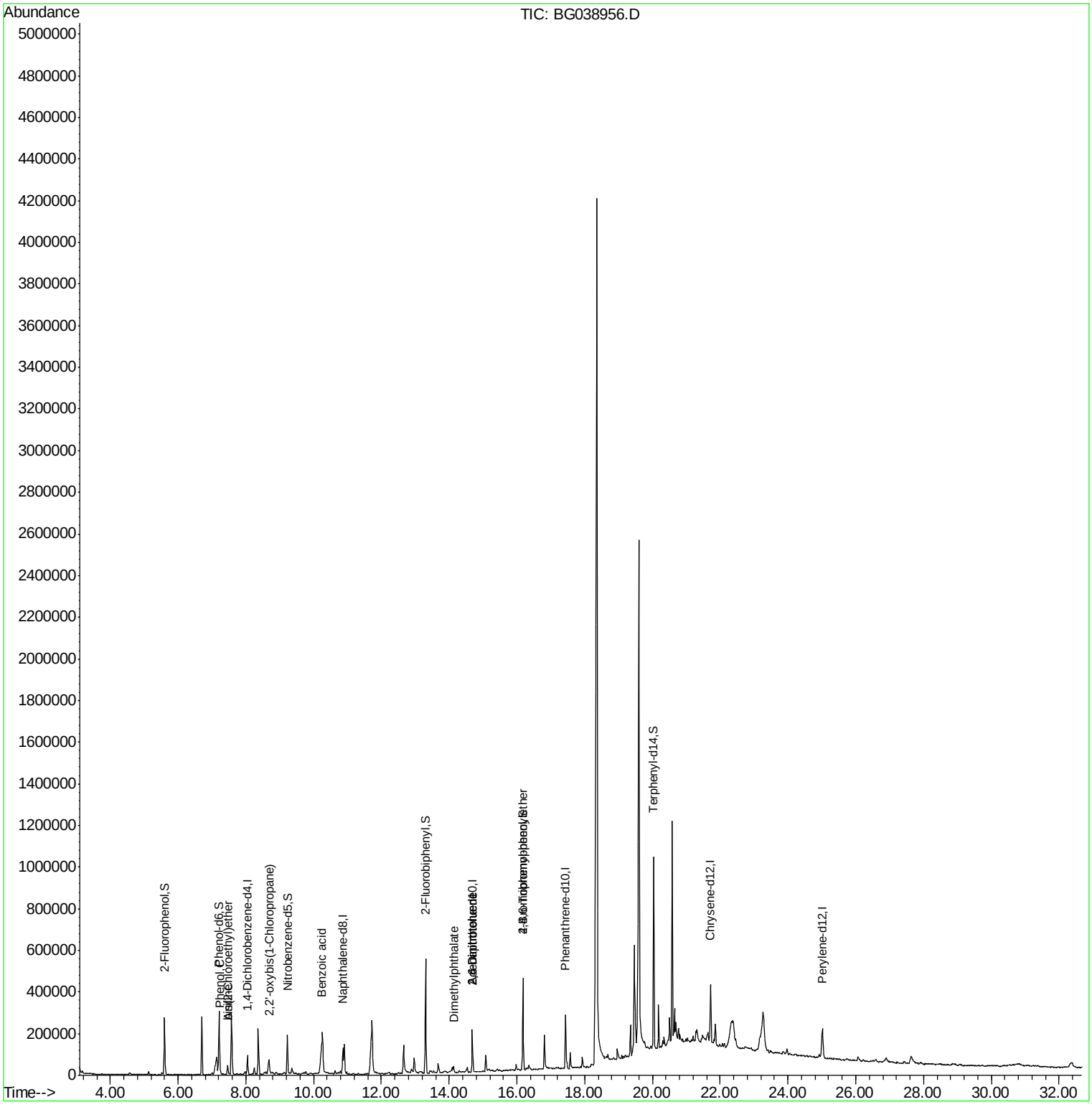
(#) = qualifier out of range (m) = manual integration (+) = signals summed

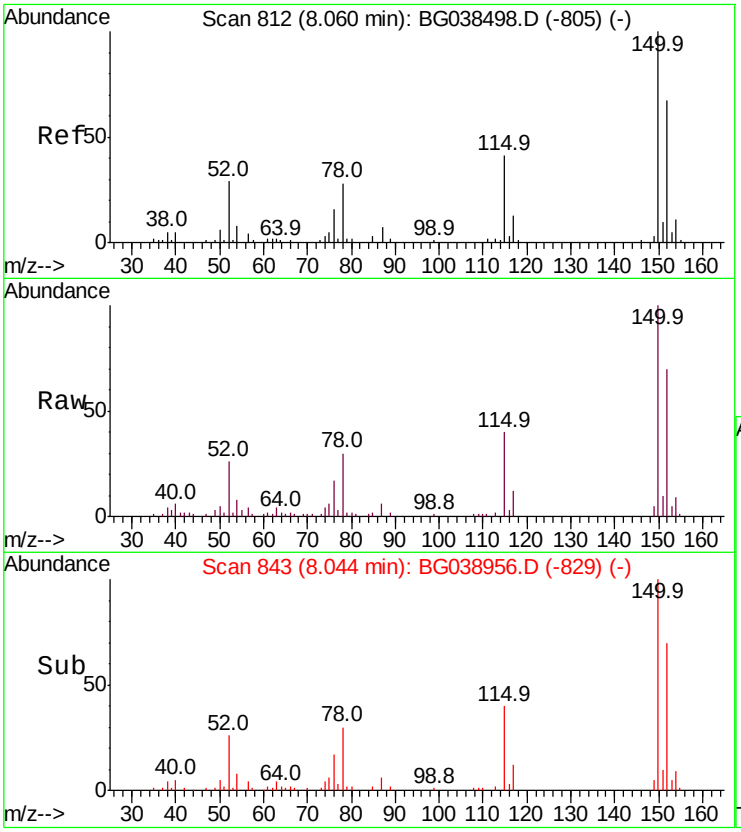
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038956.D
Acq On : 5 Jan 2019 9:32
Operator : JU/SJ
Sample : K1036-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 06 22:44:06 2019
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



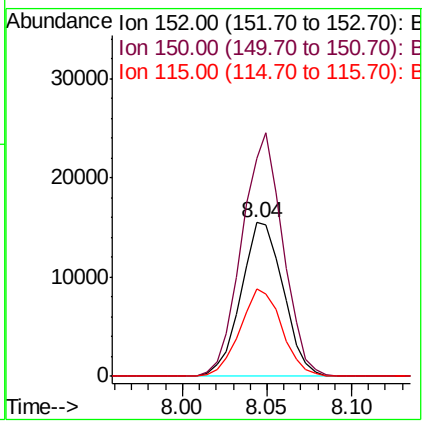


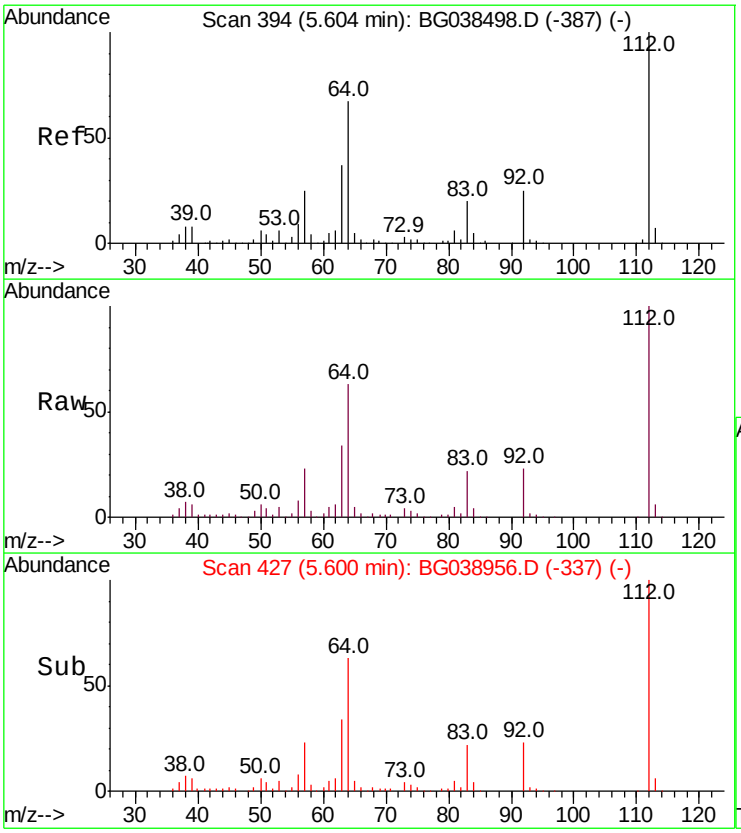
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26979

Ion	Ratio	Lower	Upper
152	100		
150	142.2	119.5	179.3
115	57.3	49.6	74.4

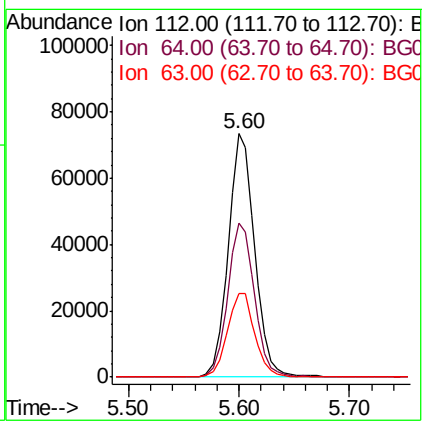


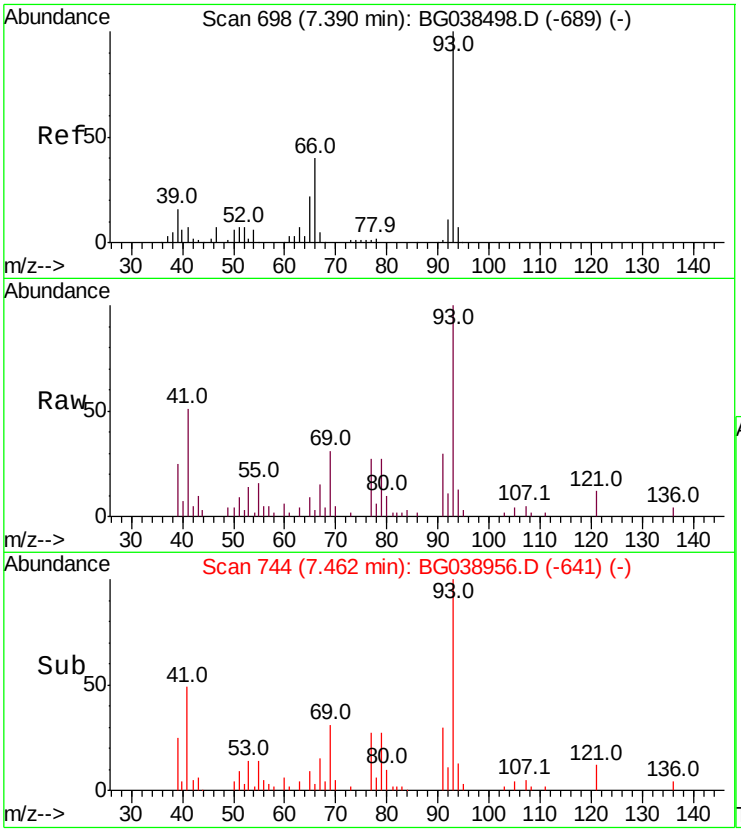


#5
2-Fluorophenol
Concen: 80.761 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:112 Resp: 122845

Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.4	80.2
63	34.2	29.3	43.9



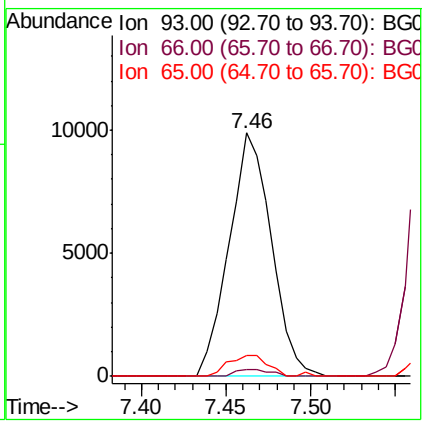


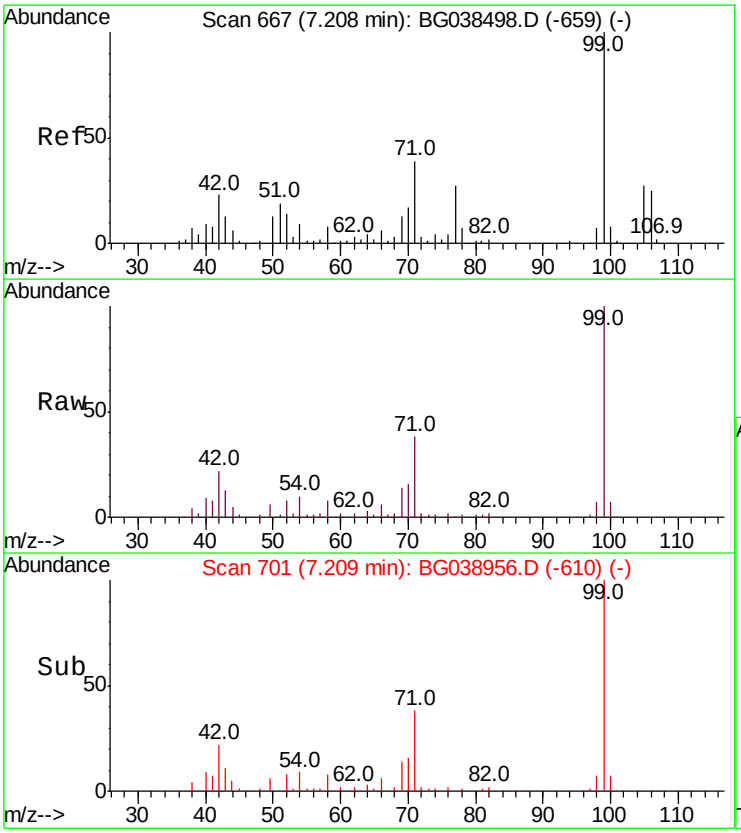
#6
Aniline
Concen: 6.447 ng
RT: 7.46 min Scan# 744
Delta R.T. 0.07 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 17186

Ion	Ratio	Lower	Upper
93	100		
66	2.6	31.7	47.5#
65	8.7	17.8	26.6#

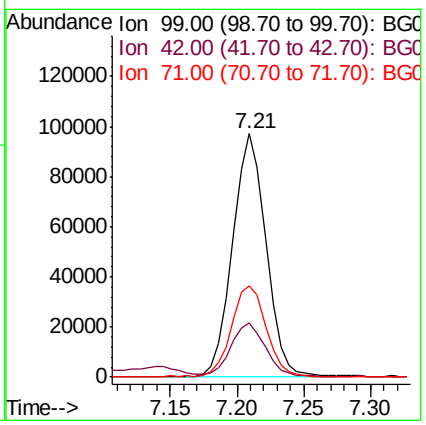


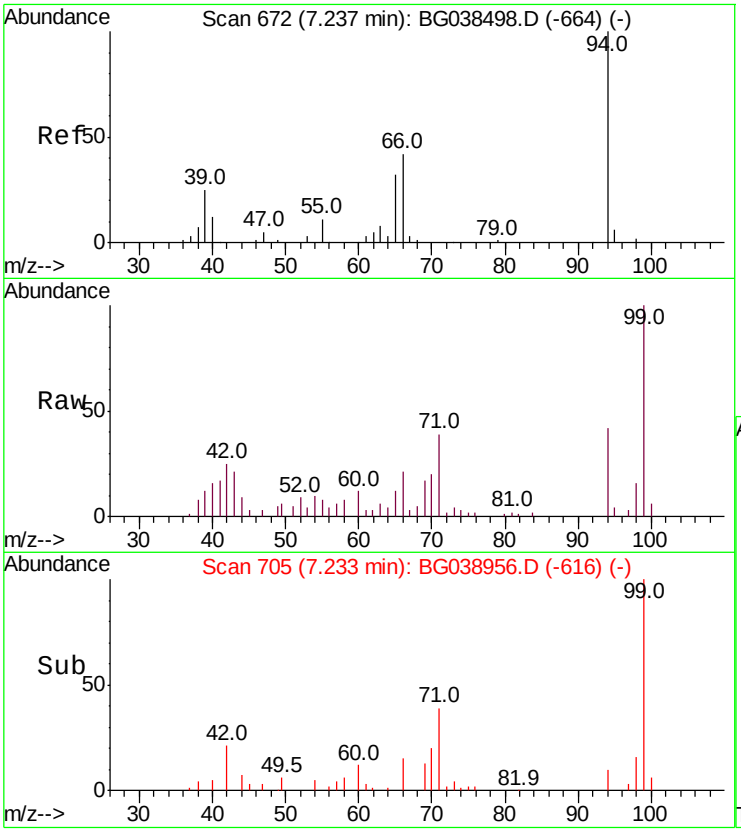


#7
Phenol-d6
Concen: 81.065 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion: 99 Resp: 169277

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	37.6	31.1	46.7



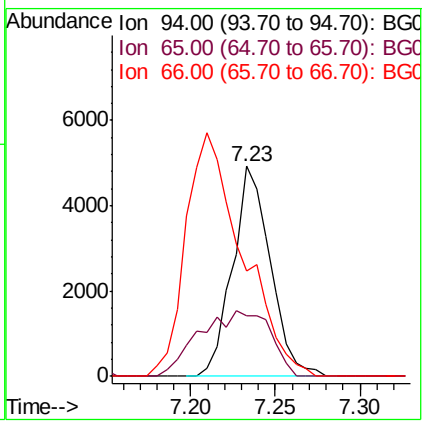


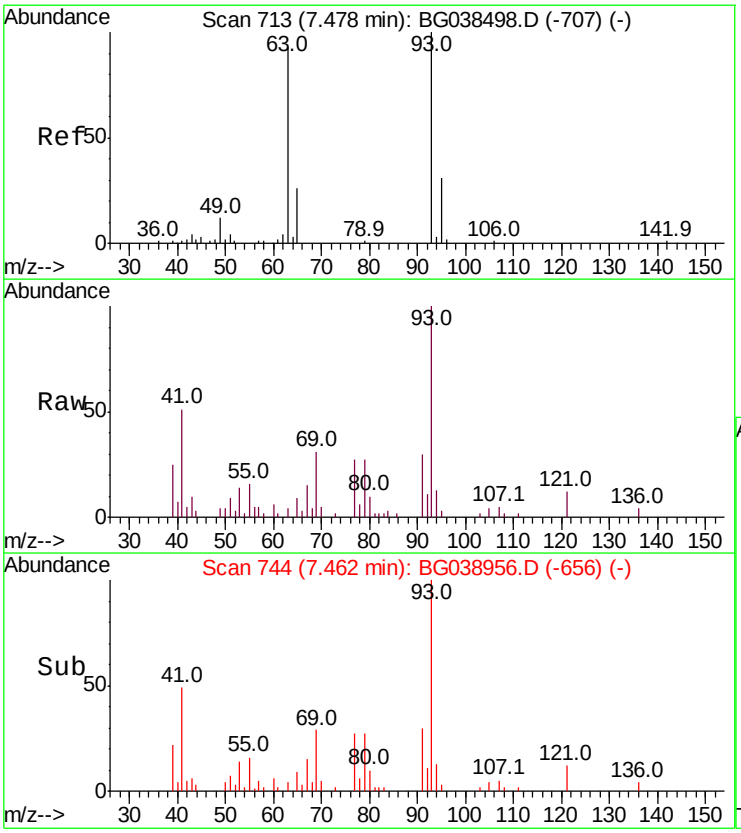
#10
Phenol
Concen: 3.451 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 7655

Ion	Ratio	Lower	Upper
94	100		
65	28.7	12.6	52.6
66	50.1	24.1	64.1

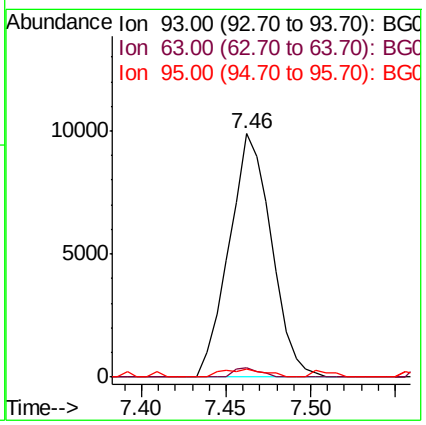


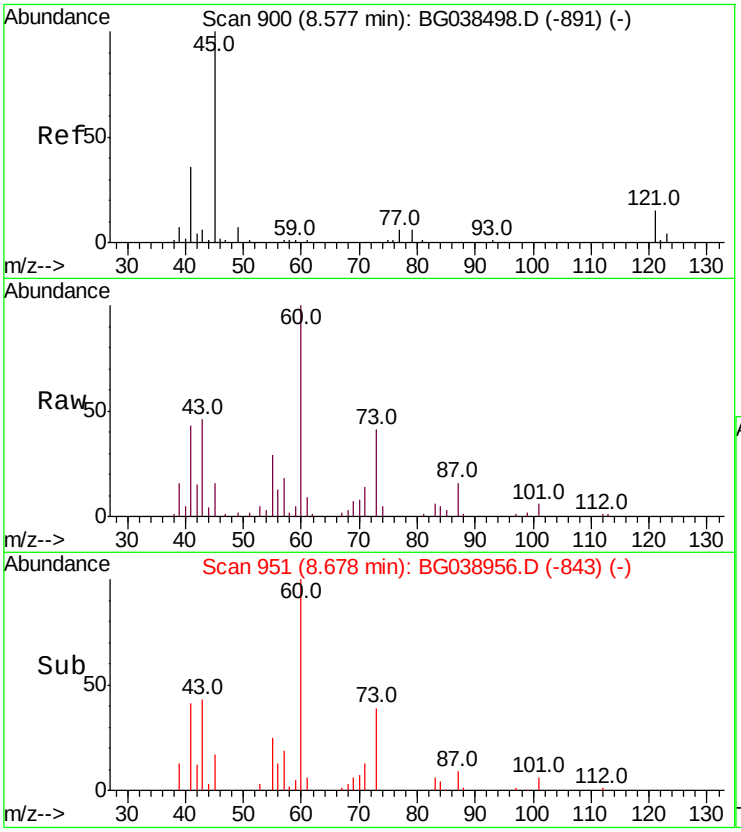


#11
bis(2-Chloroethyl)ether
Concen: 9.730 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion: 93 Resp: 17186

Ion	Ratio	Lower	Upper
93	100		
63	4.0	72.2	112.2#
95	3.1	11.2	51.2#



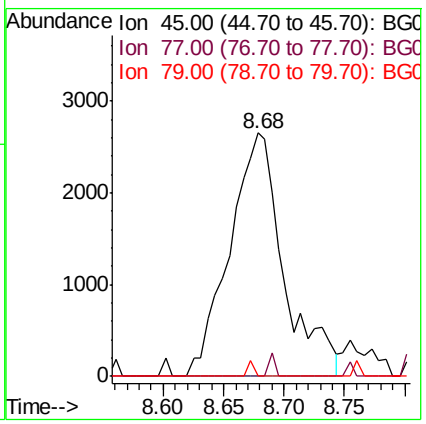


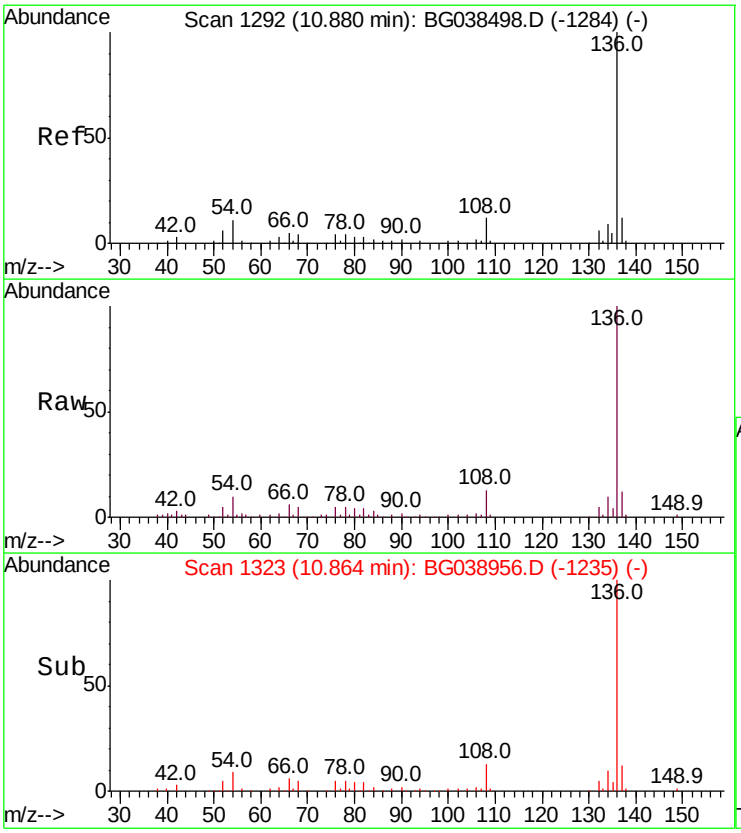
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.042 ng
RT: 8.68 min Scan# 951
Delta R.T. 0.10 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 8262

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	28.2
79	0.0	0.0	27.2

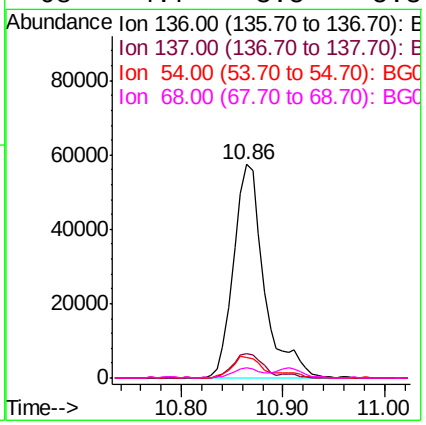


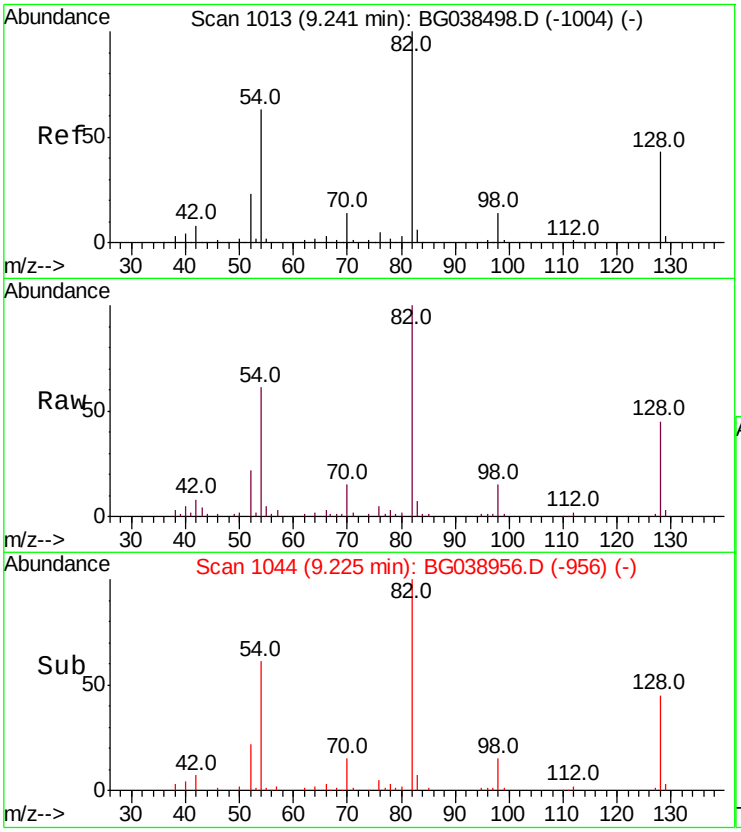


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:136 Resp: 120809

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.5	8.5	12.7
68	4.7	3.5	5.3



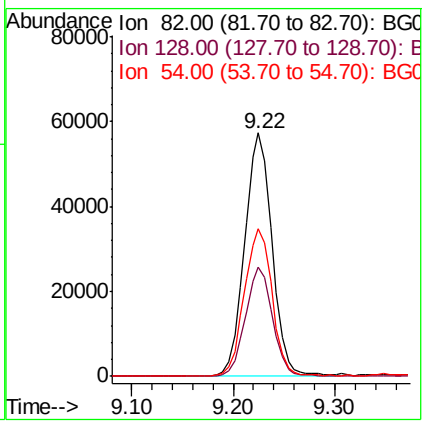


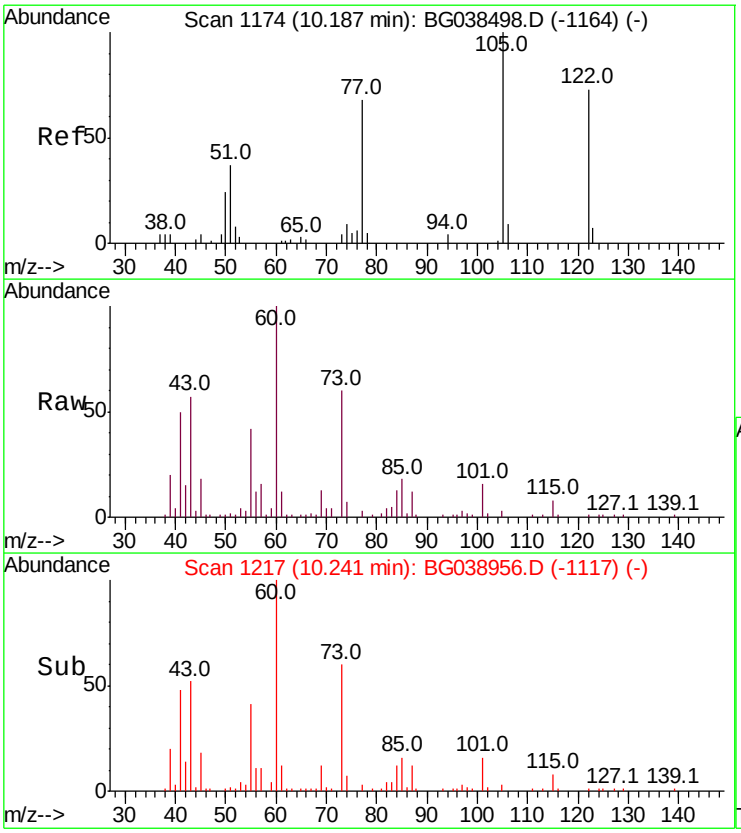
#23
Nitrobenzene-d5
Concen: 45.399 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 107358

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	52.0
54	60.8	50.6	76.0

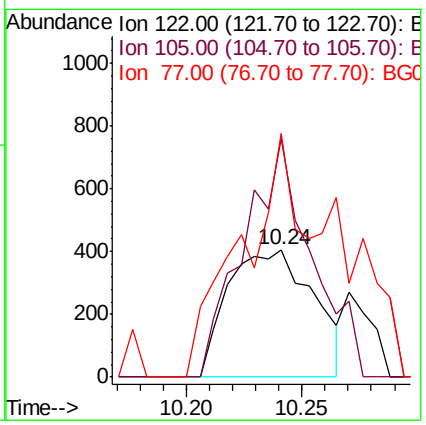


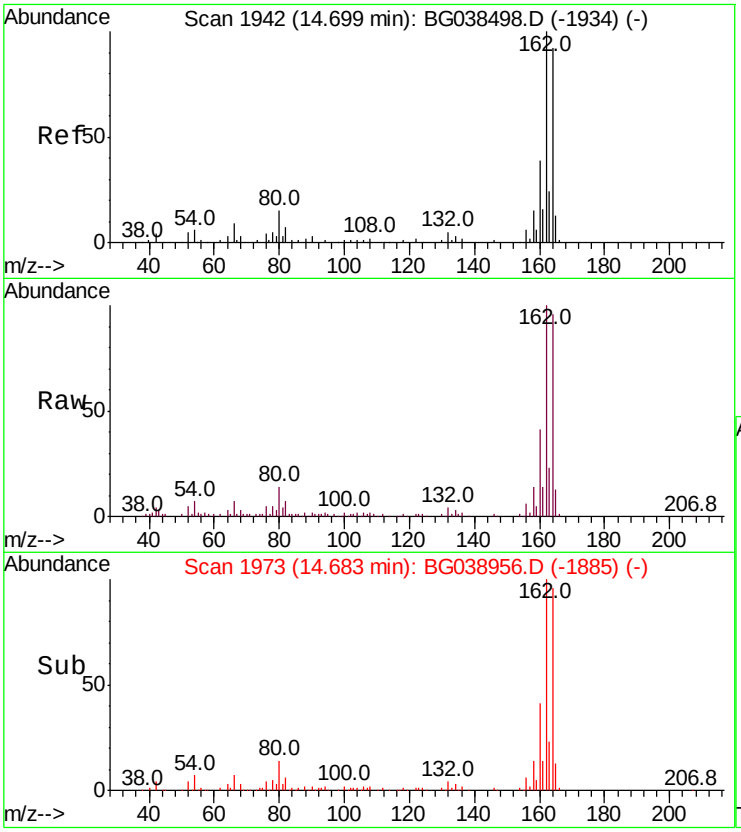


#32
Benzoic acid
Concen: 10.900 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.06 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:122 Resp: 1041

Ion	Ratio	Lower	Upper
122	100		
105	186.7	116.7	156.7#
77	190.7	72.5	112.5#



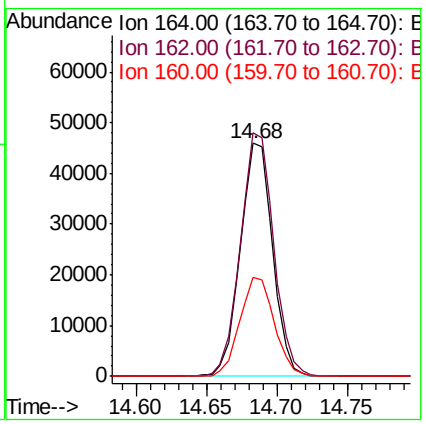


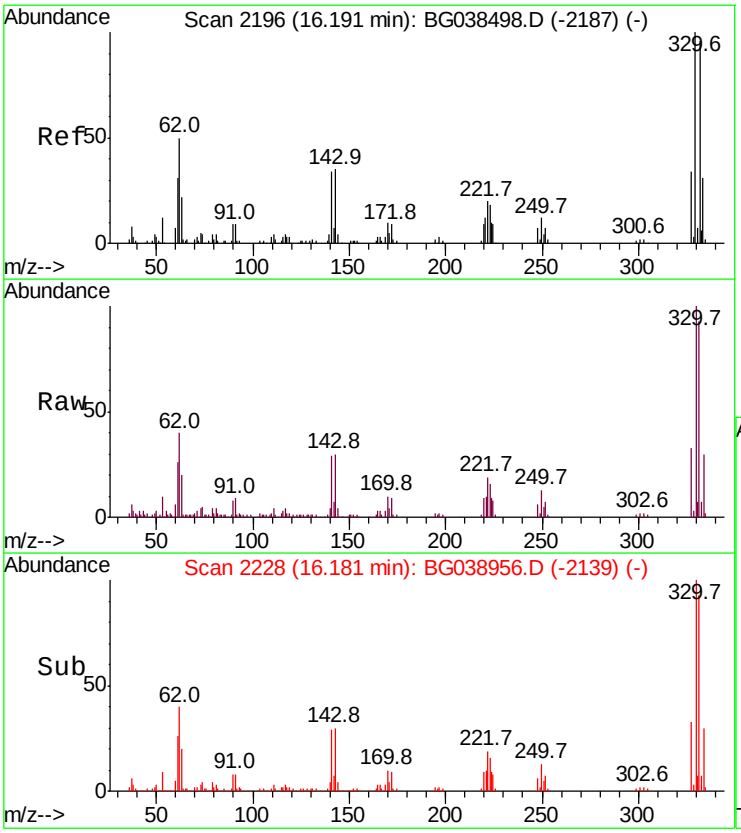
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 73638

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.6	130.0
160	42.6	34.2	51.2

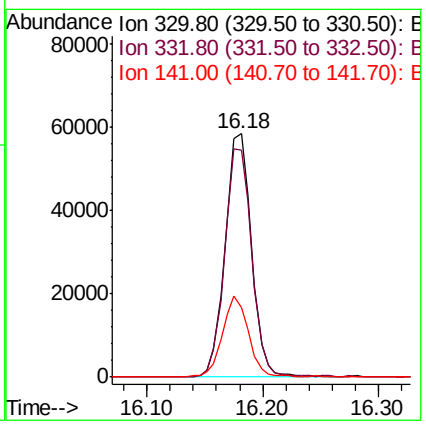


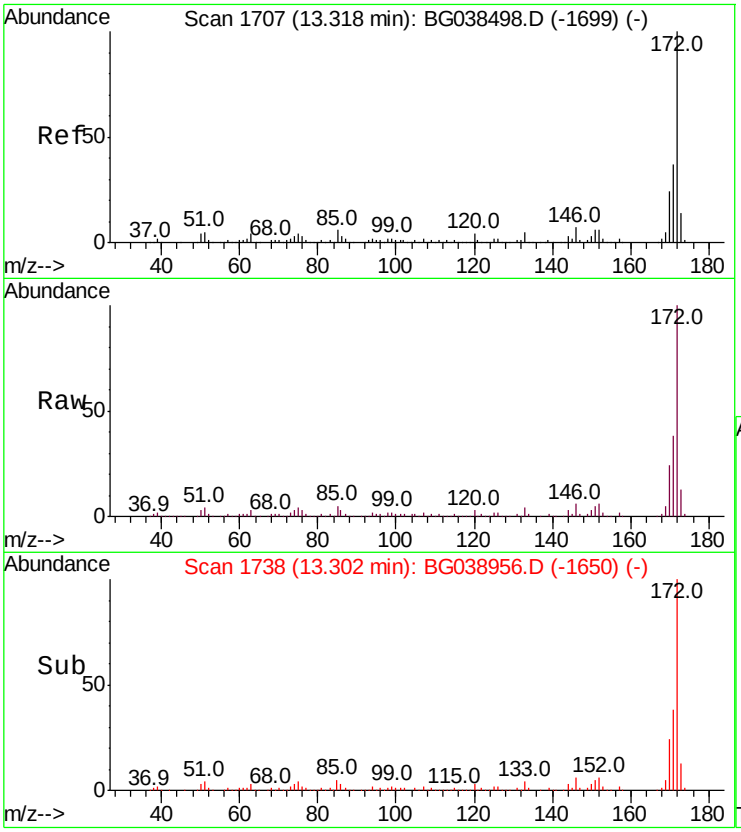


#42
2,4,6-Tribromophenol
Concen: 91.136 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:330 Resp: 92491

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	33.0	28.8	43.2



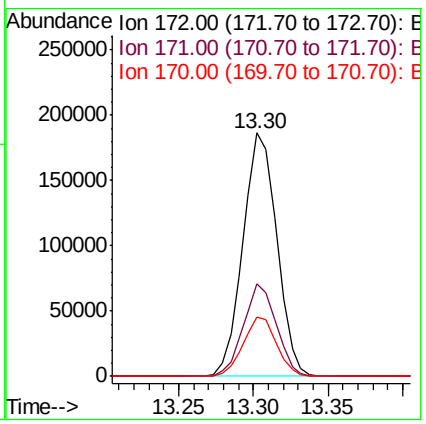


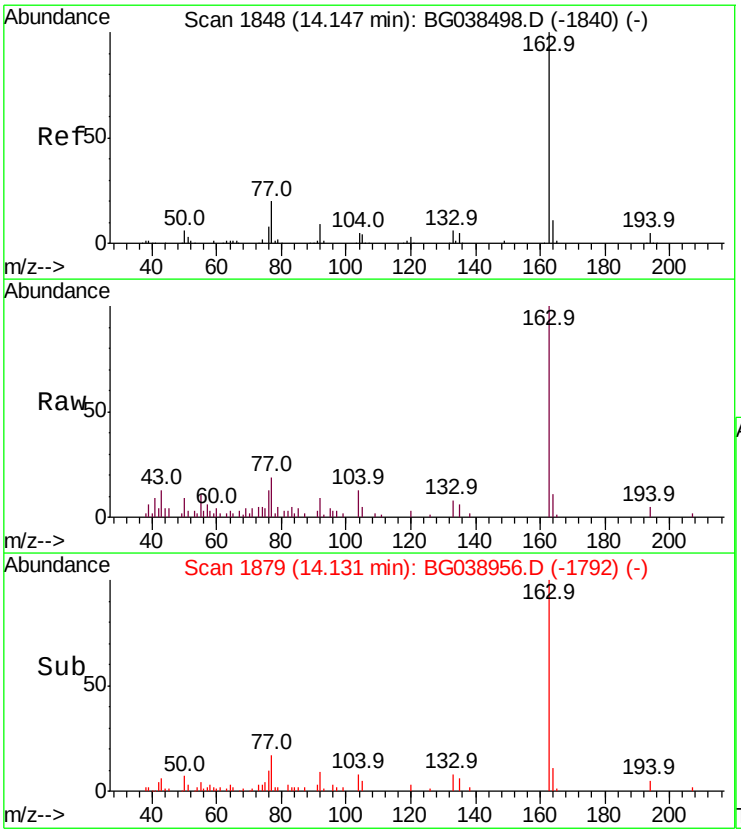
#45
2-Fluorobiphenyl
Concen: 54.515 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 292625

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	24.2	19.5	29.3

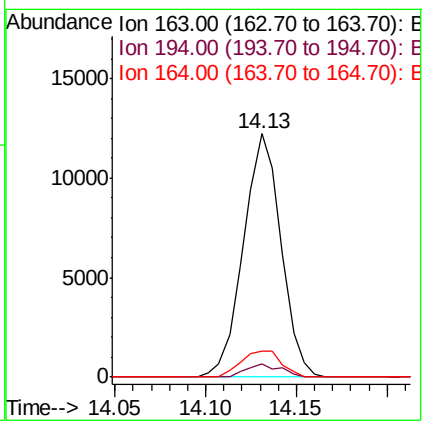


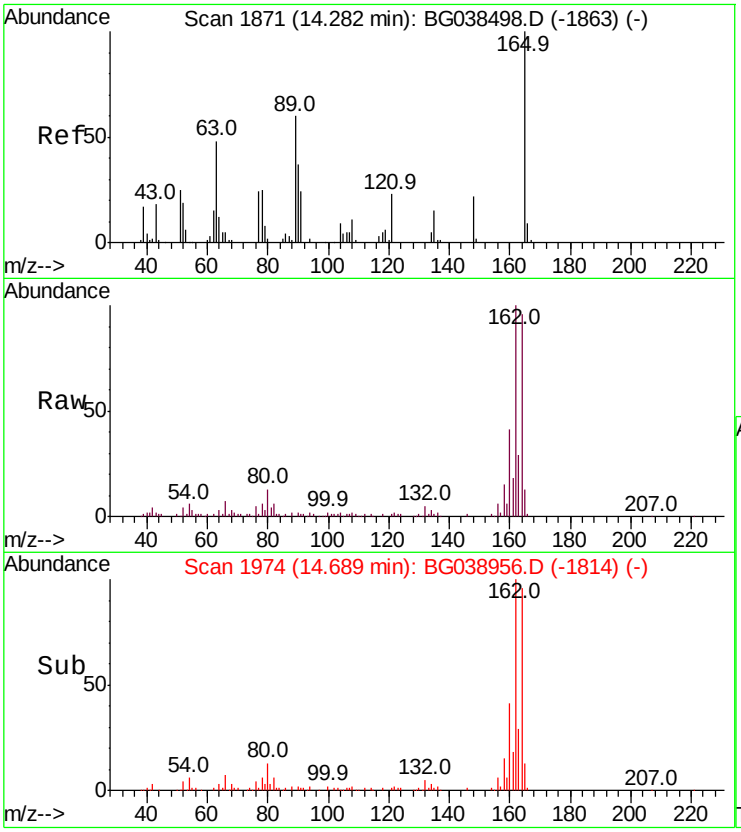


#50
Dimethylphthalate
Concen: 2.928 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:163 Resp: 17609

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	10.7	8.6	12.8



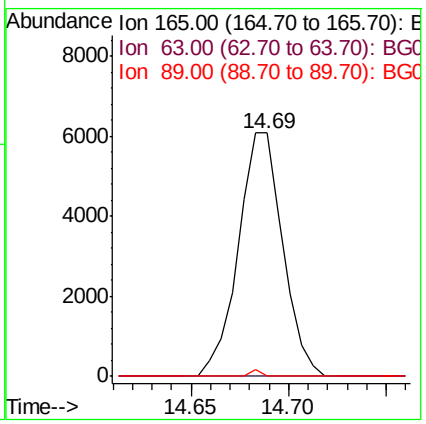


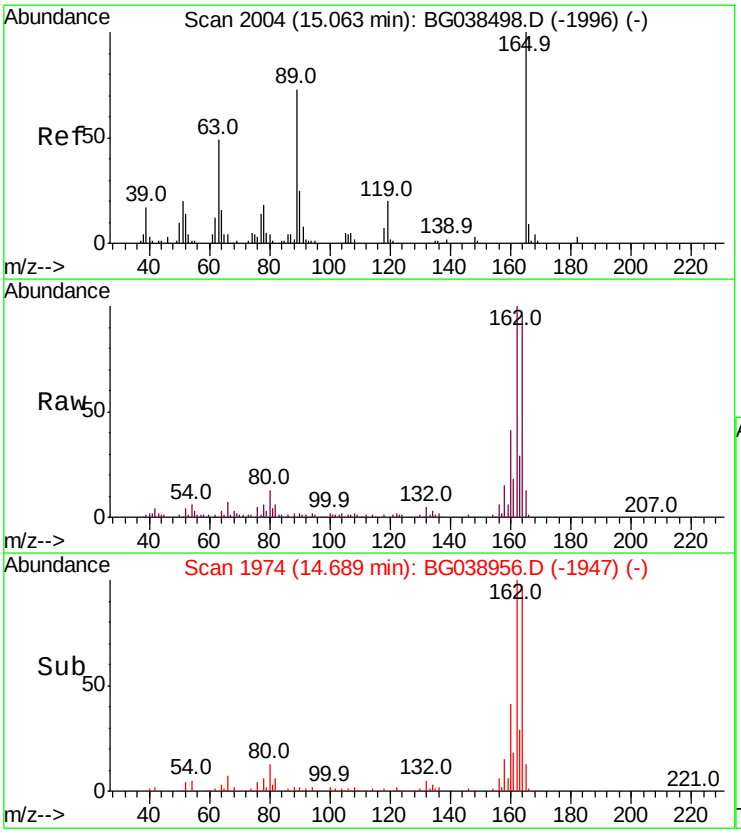
#51
2,6-Dinitrotoluene
Concen: 7.025 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.41 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9574

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

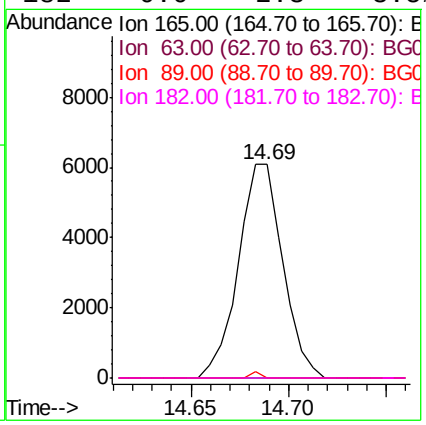


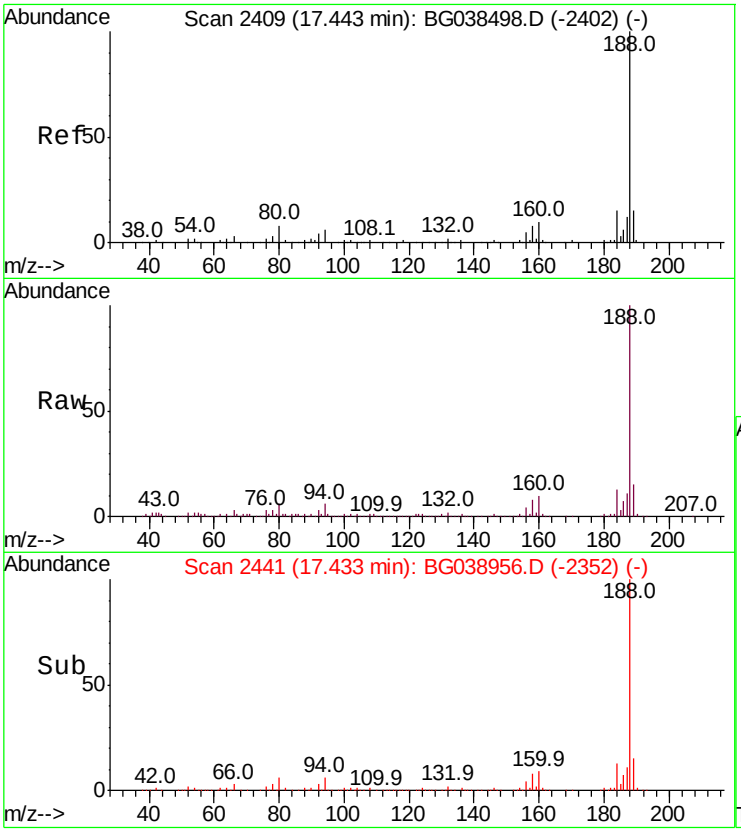


#57
2,4-Dinitrotoluene
Concen: 4.988 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:165 Resp: 9574

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#



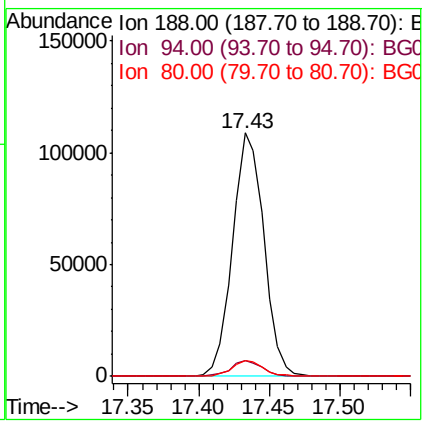


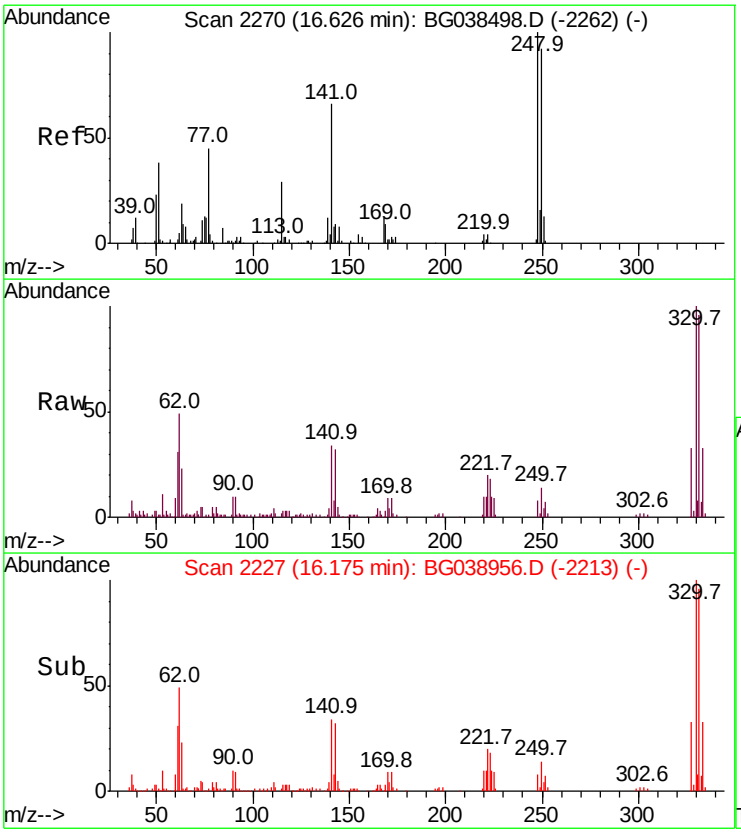
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 168194

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.4	6.1	9.1

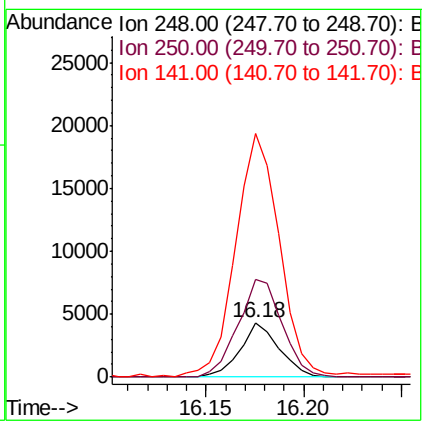


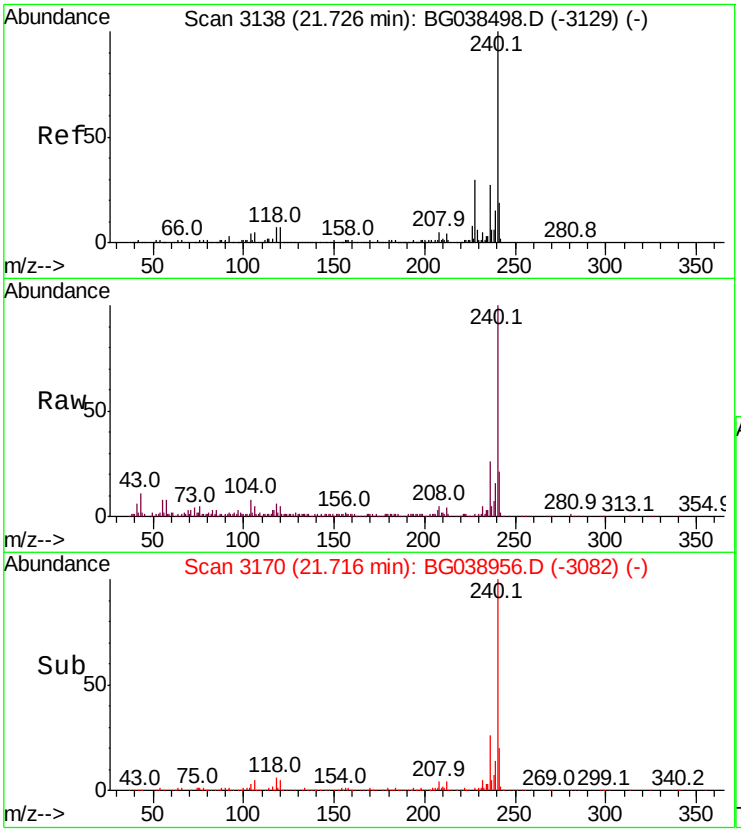


#67
4-Bromophenyl-phenylether
Concen: 2.902 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:248 Resp: 5961

Ion	Ratio	Lower	Upper
248	100		
250	180.5	73.4	110.2#
141	349.1	52.9	79.3#



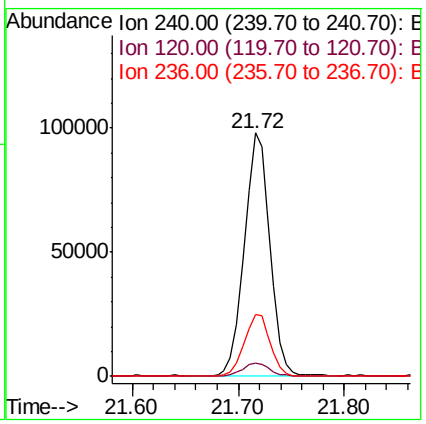


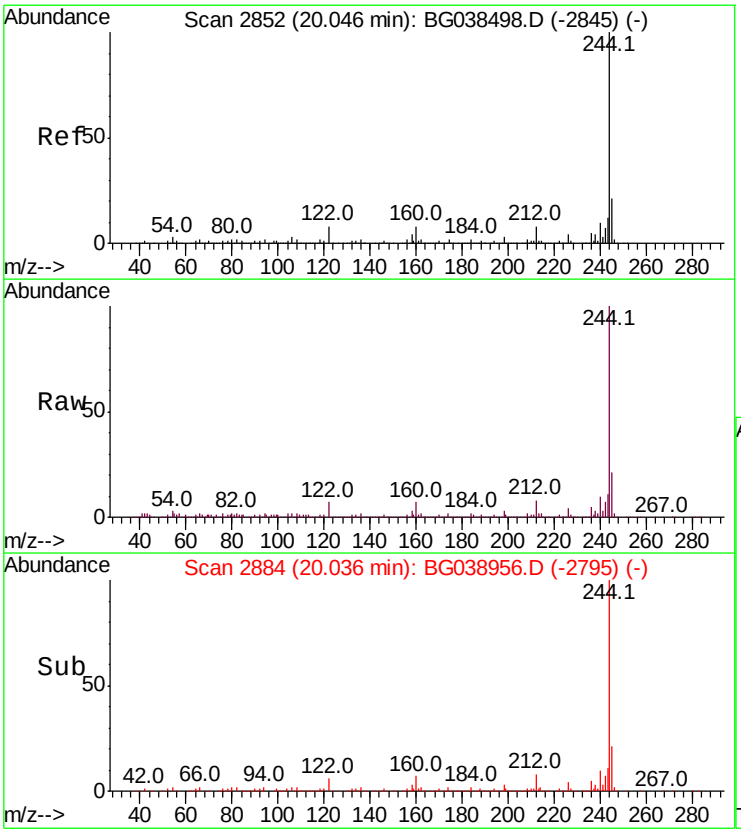
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 163962

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.3	7.9
236	25.5	21.4	32.2

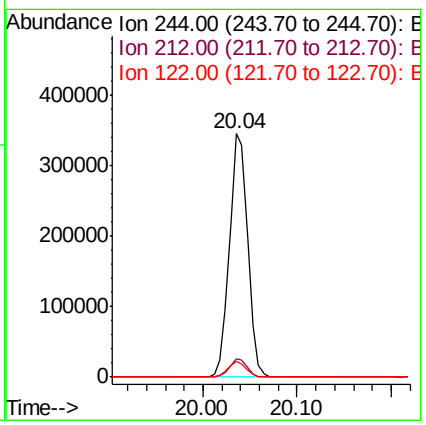


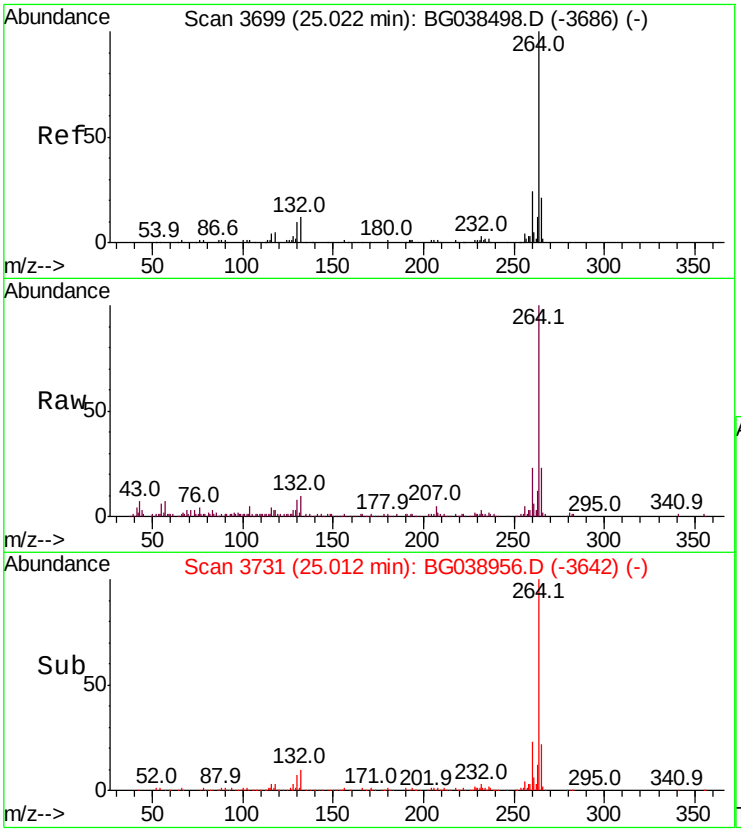


#79
Terphenyl-d14
Concen: 61.515 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG038956.D
Acq: 5 Jan 2019 9:32

Tgt Ion:244 Resp: 463446

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.6	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: BG038956.D
Acq: 5 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 175007

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	22.5	17.0	25.4