Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038927.D
Acq On : 4 Jan 2019 12:39
Operator : JU/SJ
Sample : K1019-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 04 14:05:26 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	8.05	152	29022	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	118249	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	89260	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	224424	20.00	ng		0.00
76) Chrysene-d12	21.71	240	223948	20.00	ng		-0.01
87) Perylene-d12	25.01	264	238606	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	187957	114.87	ng		0.00
7) Phenol-d6	7.21	99	265304	118.11	ng		0.00
23) Nitrobenzene-d5	9.23	82	159365	68.85	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	151884	123.47	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	446947	68.69	ng		-0.01
79) Terphenyl-d14	20.04	244	773349	75.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	11907	4.989	ng		94
19) n-Nitroso-di-n-propylamine	9.23	70	21666	13.733	ng	#	64
50) Dimethylphthalate	14.13	163	64447	8.841	ng		99
57) 2,4-Dinitrotoluene	14.69	165	11024	4.738	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	9718	3.546	ng	#	1
71) Phenanthrene	17.48	178	59375	5.102	ng		98
75) Fluoranthene	19.49	202	103515	7.189	ng		97
78) Pyrene	19.85	202	94169	6.365	ng		99
81) Benzo(a)anthracene	21.69	228	43279	3.171	ng		99
83) Chrysene	21.76	228	36784	2.799	ng		97
88) Benzo(b)fluoranthene	23.96	252	42844	3.270	ng		97
89) Benzo(k)fluoranthene	23.96	252	42844	3.284	ng		99
90) Benzo(a)pyrene	24.85	252	33184	2.626	ng	#	95

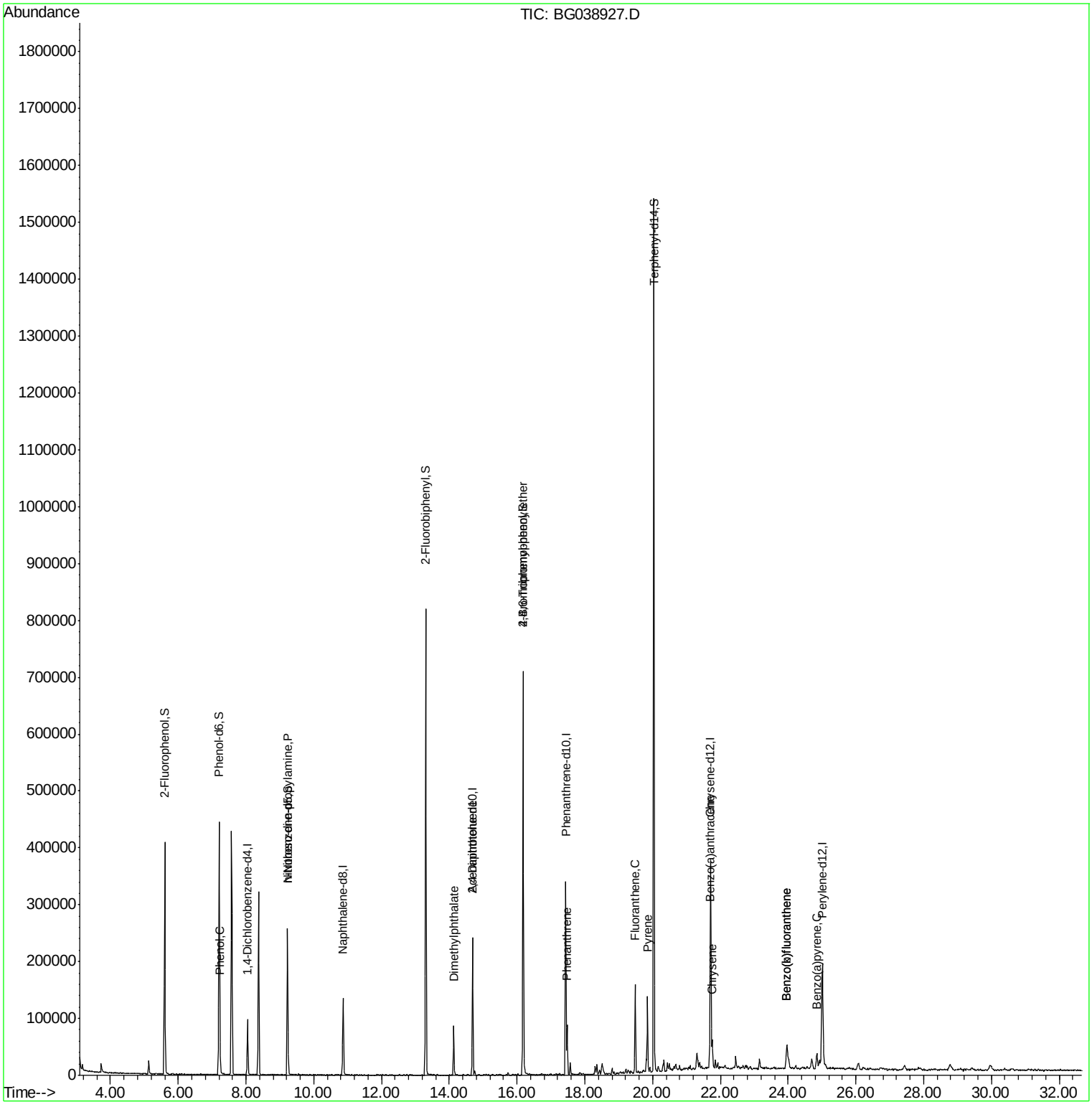
(#) = qualifier out of range (m) = manual integration (+) = signals summed

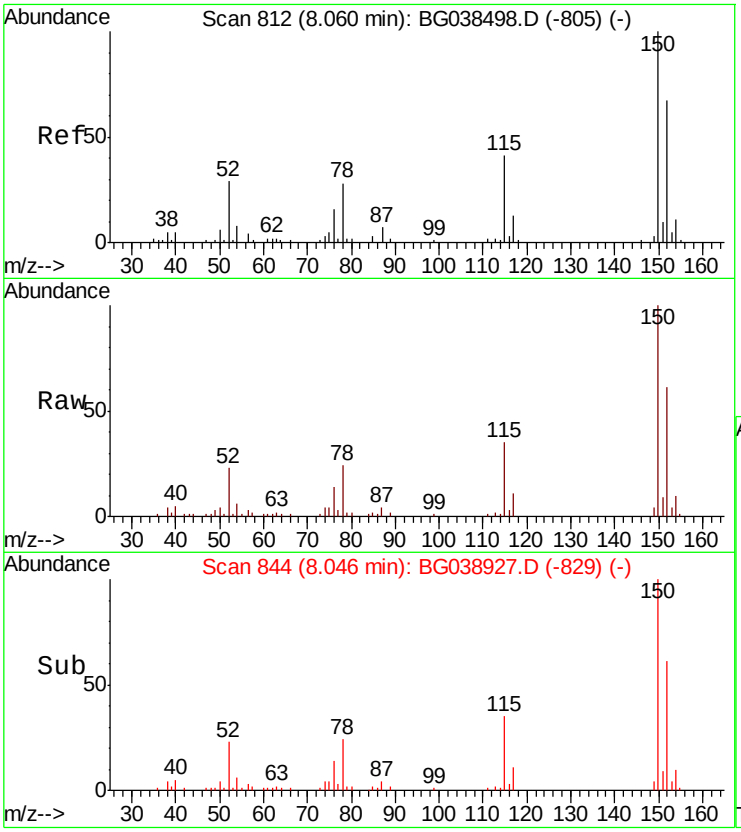
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038927.D
Acq On : 4 Jan 2019 12:39
Operator : JU/SJ
Sample : K1019-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 04 14:05:26 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



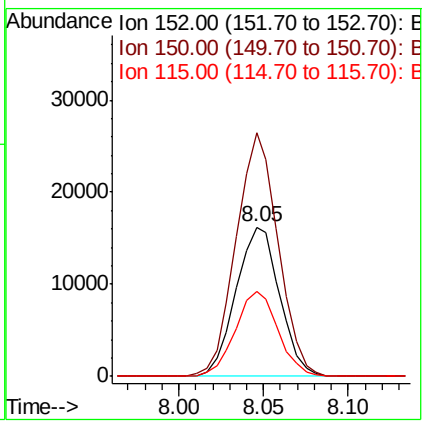


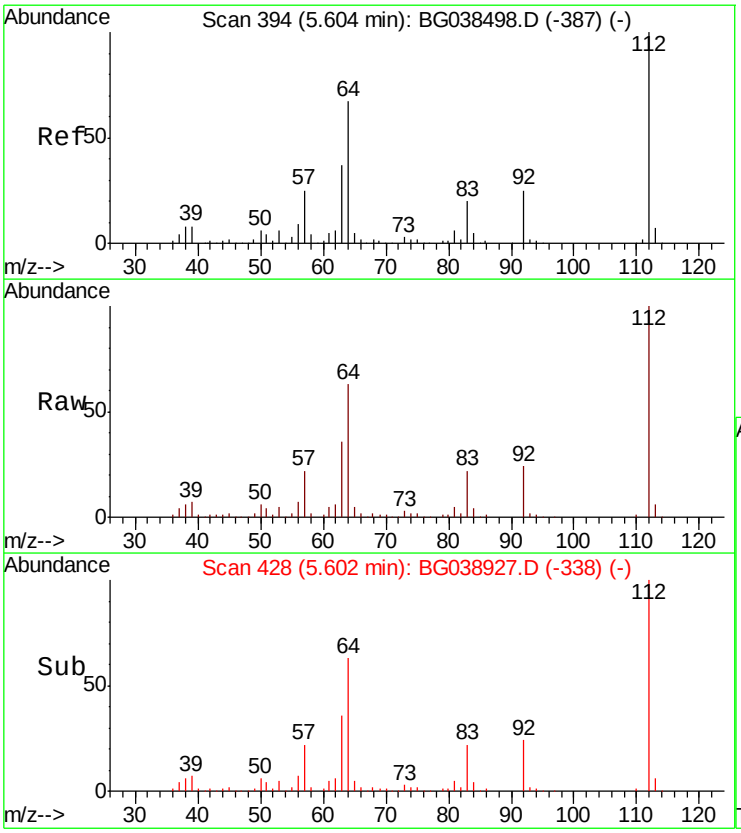
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29022

Ion	Ratio	Lower	Upper
152	100		
150	163.4	119.5	179.3
115	56.7	49.6	74.4

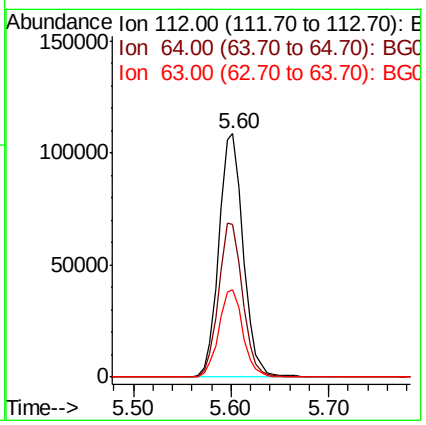


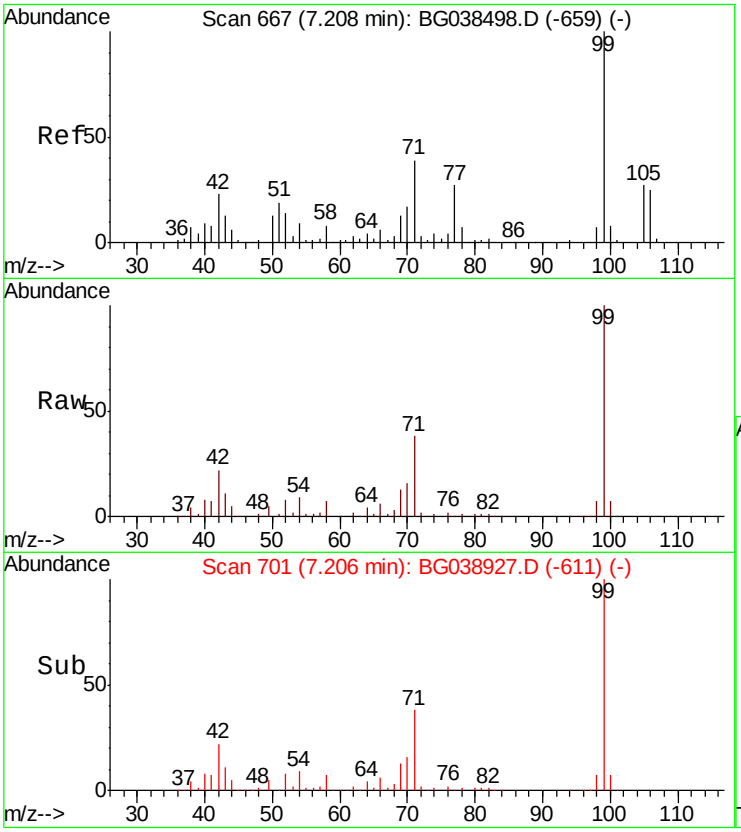


#5
2-Fluorophenol
Concen: 114.868 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:112 Resp: 187957

Ion	Ratio	Lower	Upper
112	100		
64	62.8	53.4	80.2
63	35.9	29.3	43.9



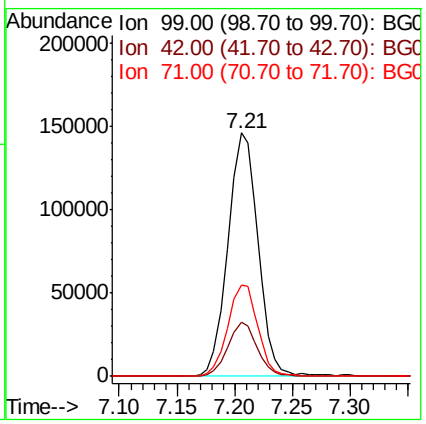


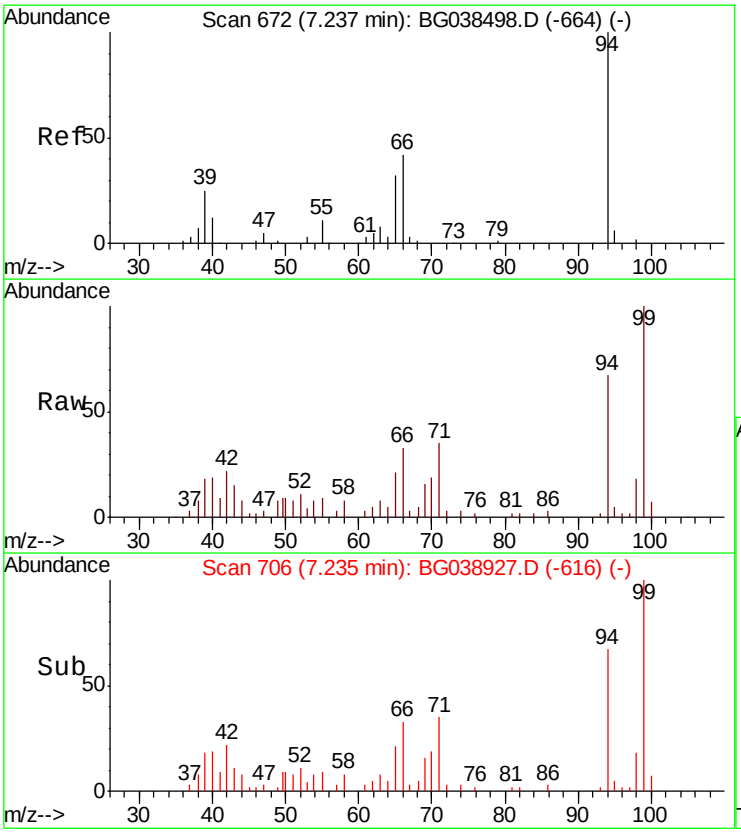
#7
Phenol-d6
Concen: 118.107 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 265304

Ion	Ratio	Lower	Upper
99	100		
42	22.1	18.5	27.7
71	37.5	31.1	46.7

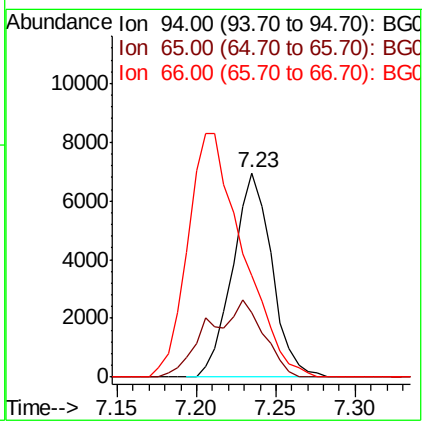


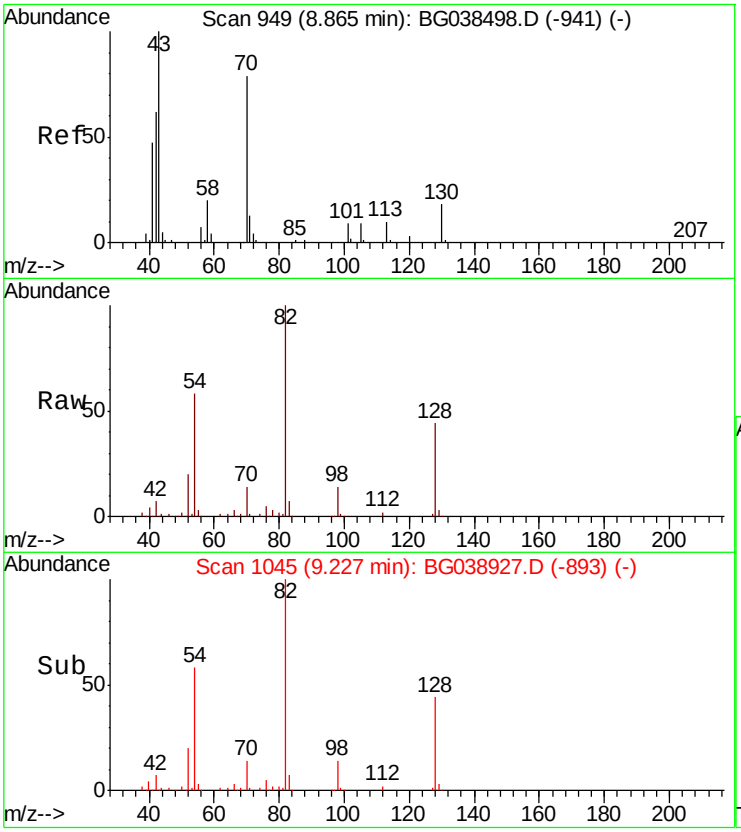


#10
Phenol
Concen: 4.989 ng
RT: 7.23 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion: 94 Resp: 11907

Ion	Ratio	Lower	Upper
94	100		
65	31.3	12.6	52.6
66	49.6	24.1	64.1



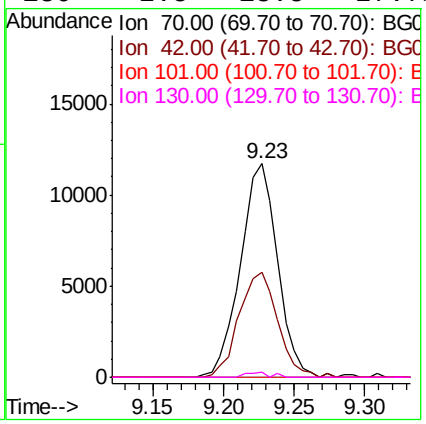


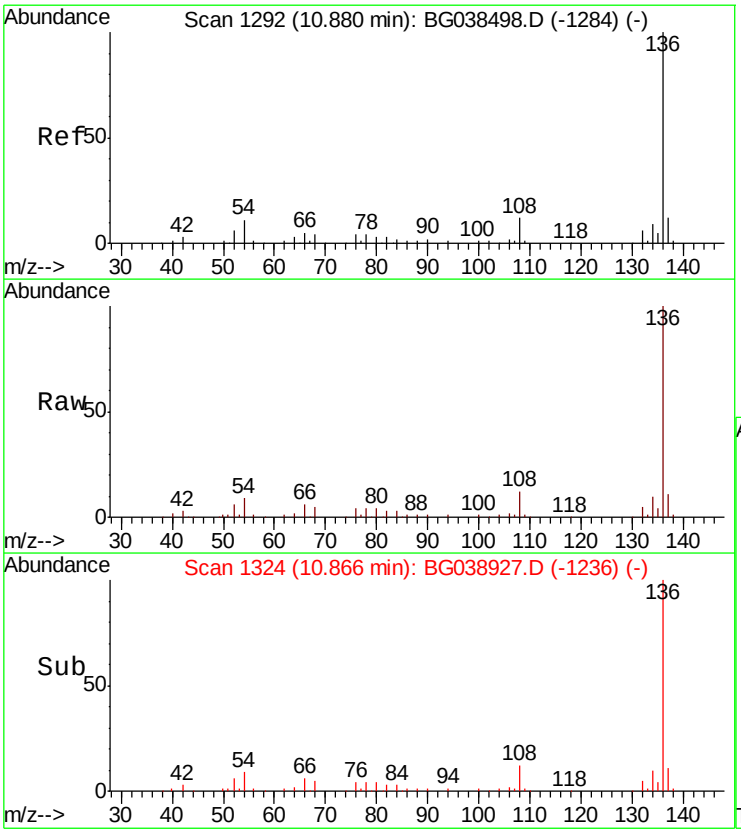
#19
n-Nitroso-di-n-propylamine
Concen: 13.733 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.36 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 21666

Ion	Ratio	Lower	Upper
70	100		
42	49.2	63.6	95.4#
101	0.0	9.2	13.8#
130	2.5	18.5	27.7#

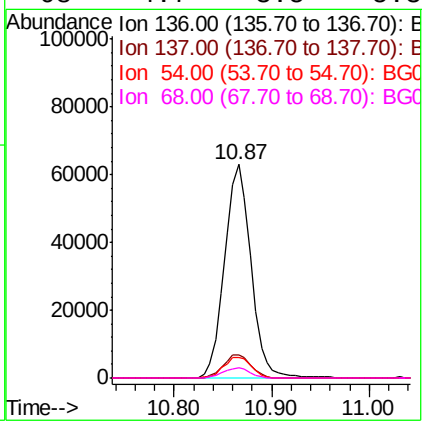


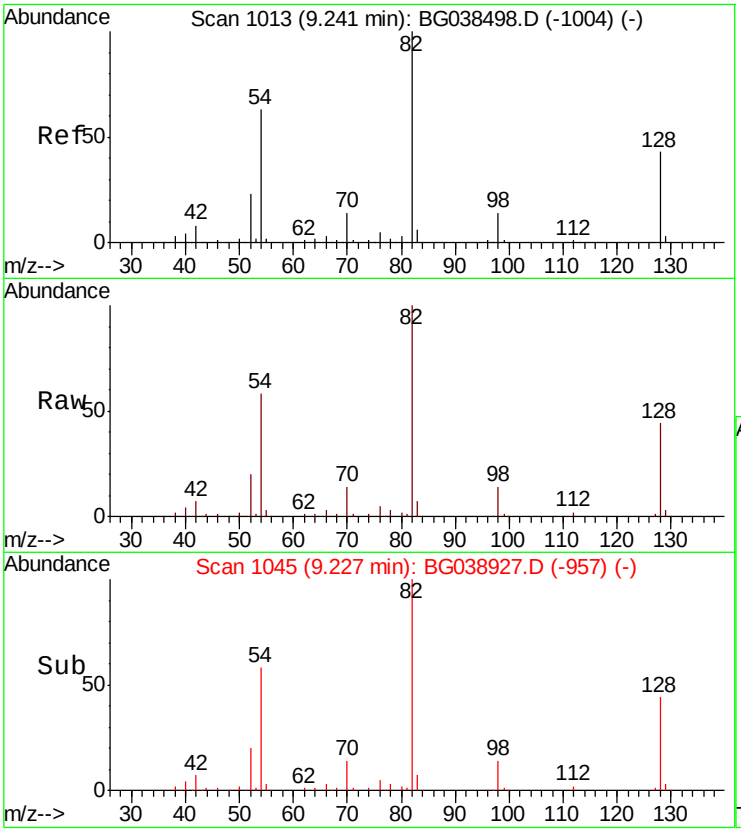


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:136 Resp: 118249

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	9.4	8.5	12.7
68	4.7	3.5	5.3

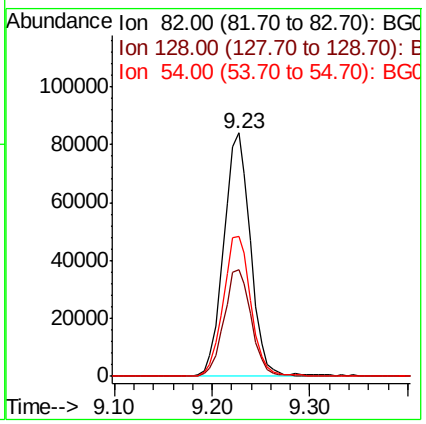




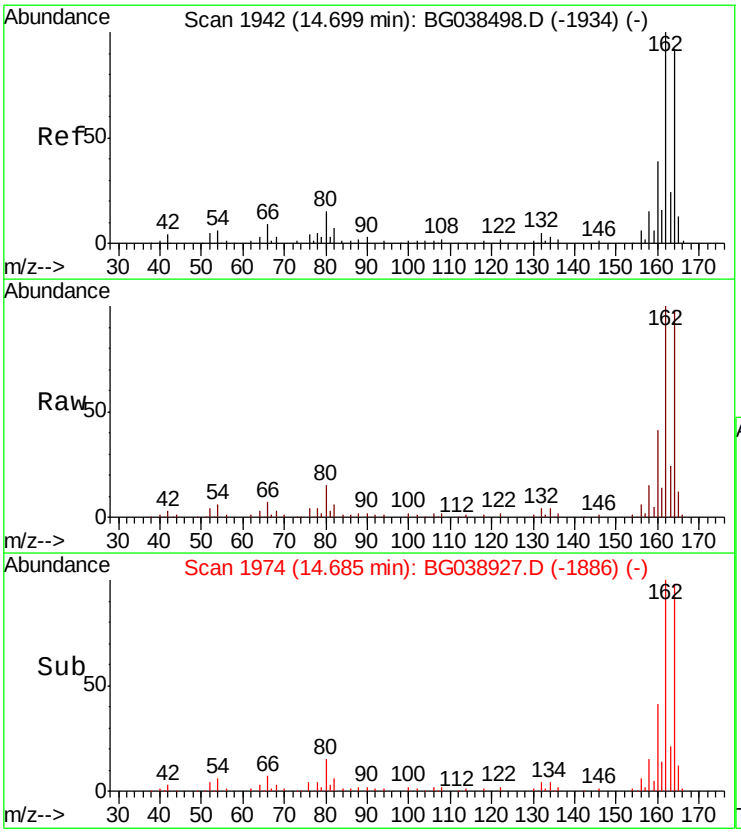
#23
Nitrobenzene-d5
Concen: 68.850 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion: 82 Resp: 159365

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	57.6	50.6	76.0



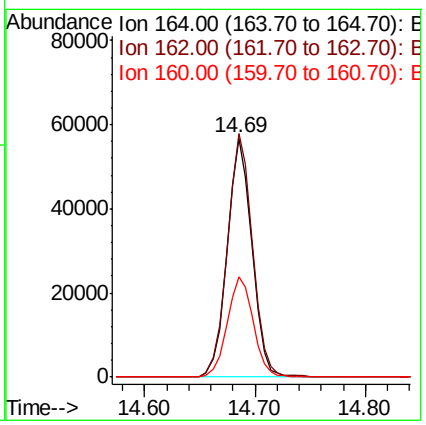
Instrument :
BNA_G
ClientSampleId :

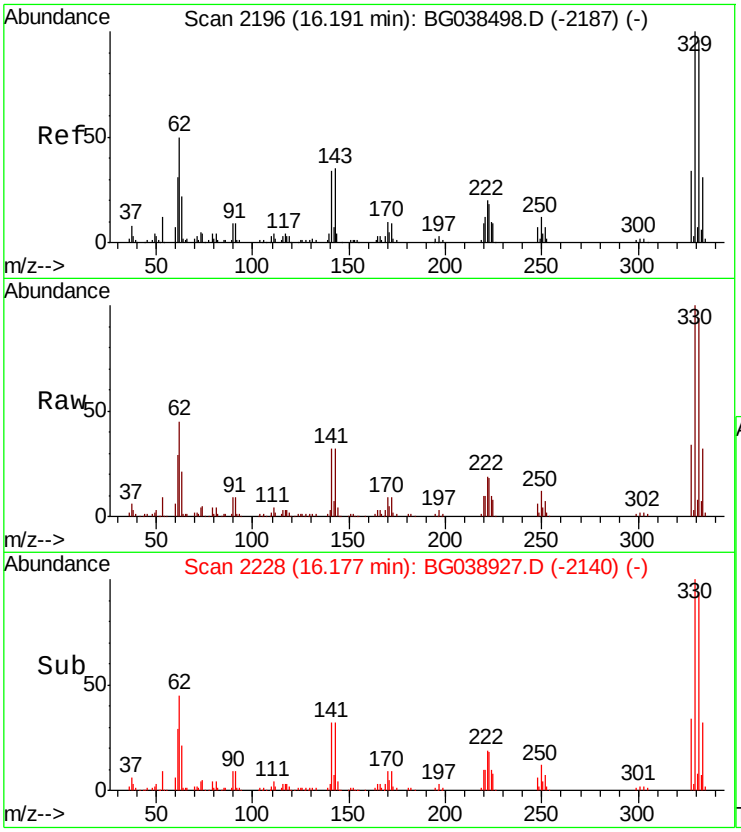


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:164 Resp: 89260

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.6	130.0
160	41.8	34.2	51.2



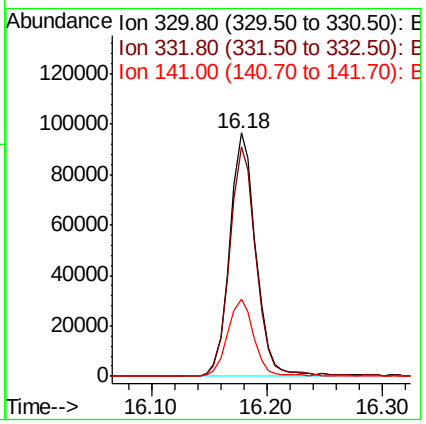


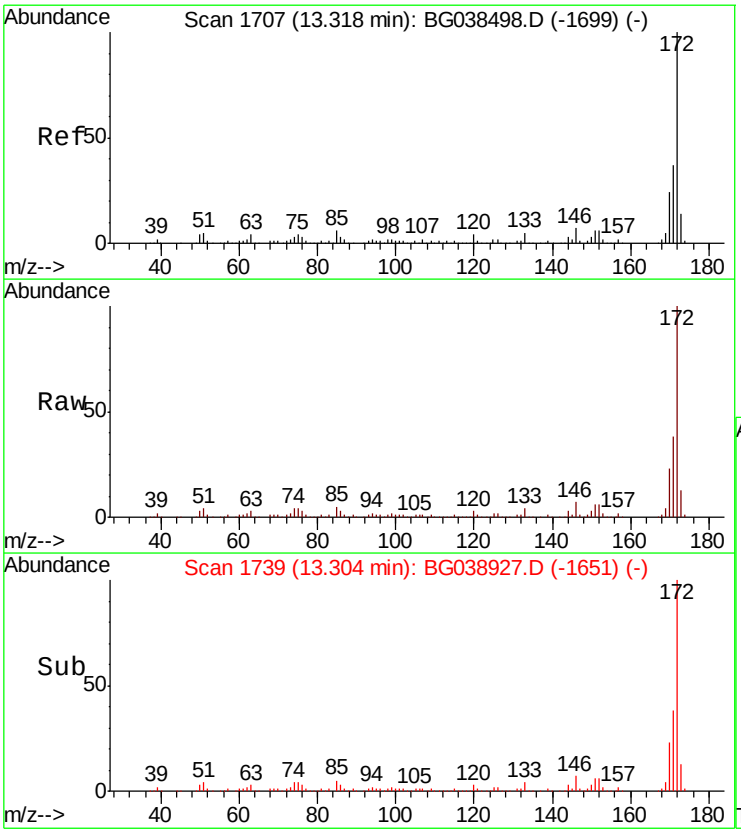
#42
2,4,6-Tribromophenol
Concen: 123.467 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 151884

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	32.1	28.8	43.2

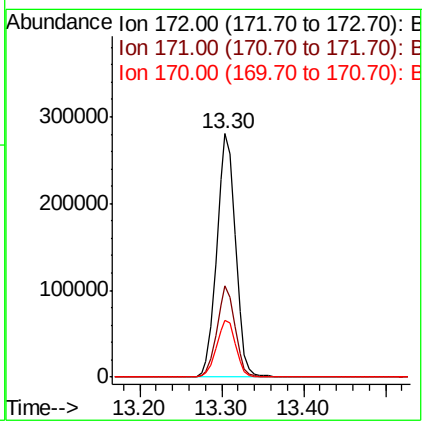


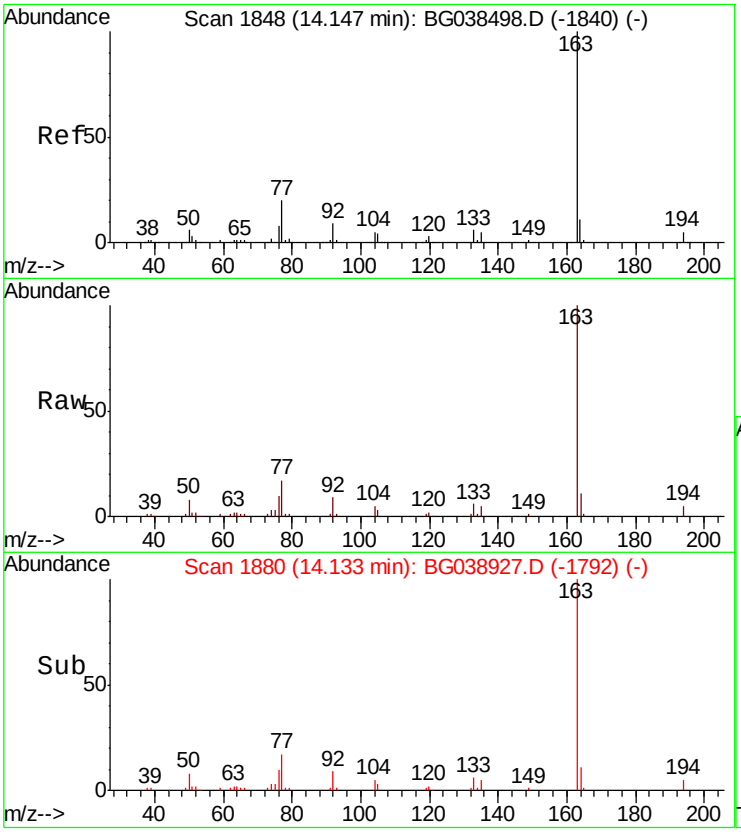


#45
2-Fluorobiphenyl
Concen: 68.692 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:172 Resp: 446947

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	23.2	19.5	29.3



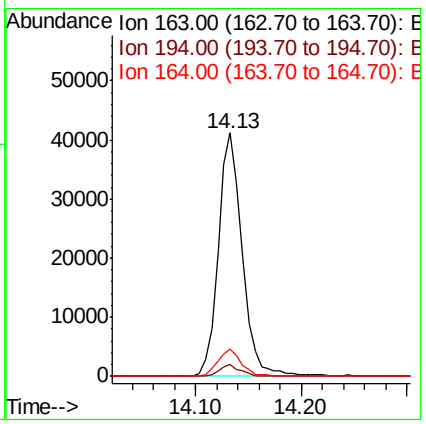


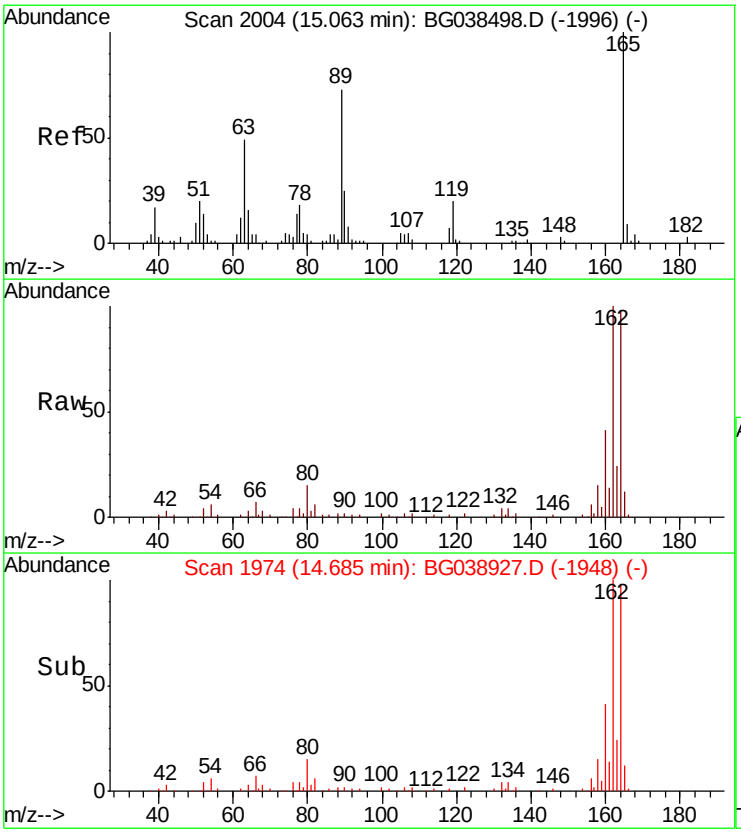
#50
Dimethylphthalate
Concen: 8.841 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 64447

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.0	8.6	12.8

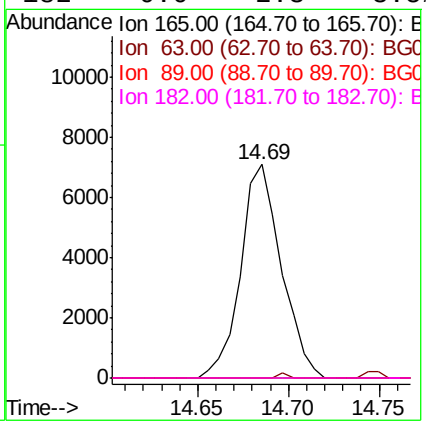


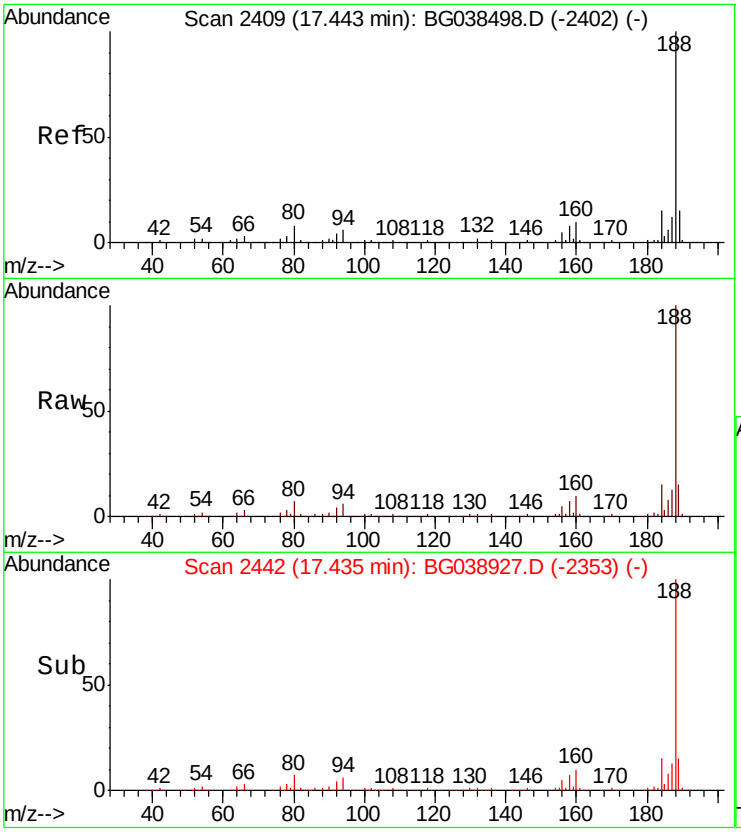


#57
2,4-Dinitrotoluene
Concen: 4.738 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.38 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:165 Resp: 11024

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#



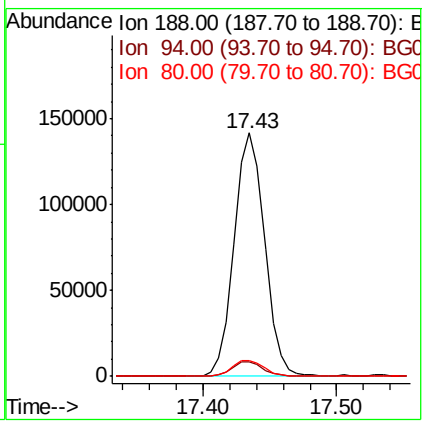


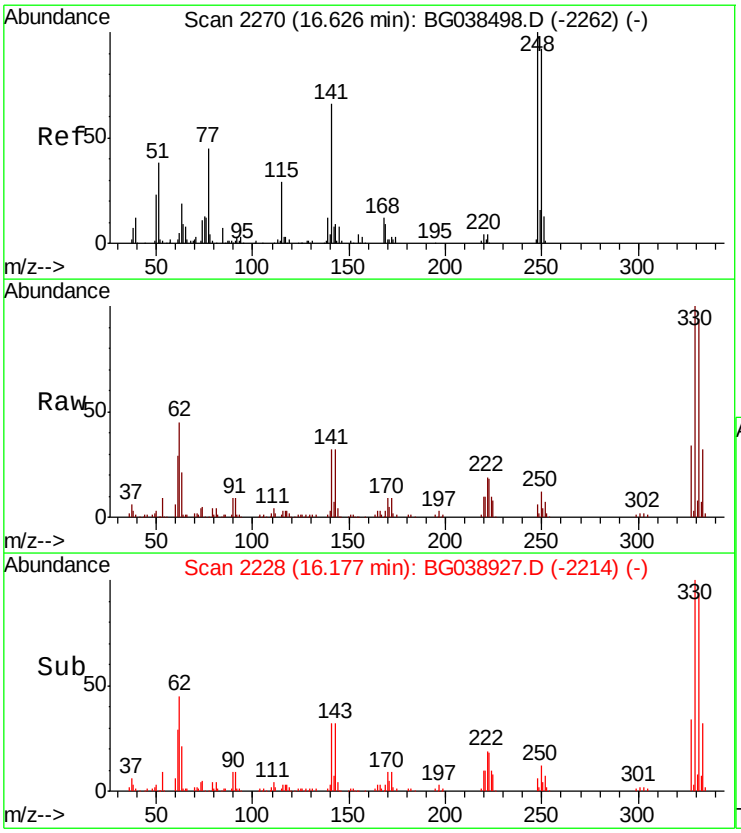
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 224424

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	6.7	6.1	9.1

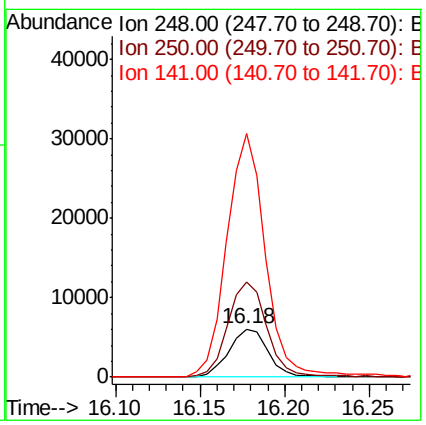


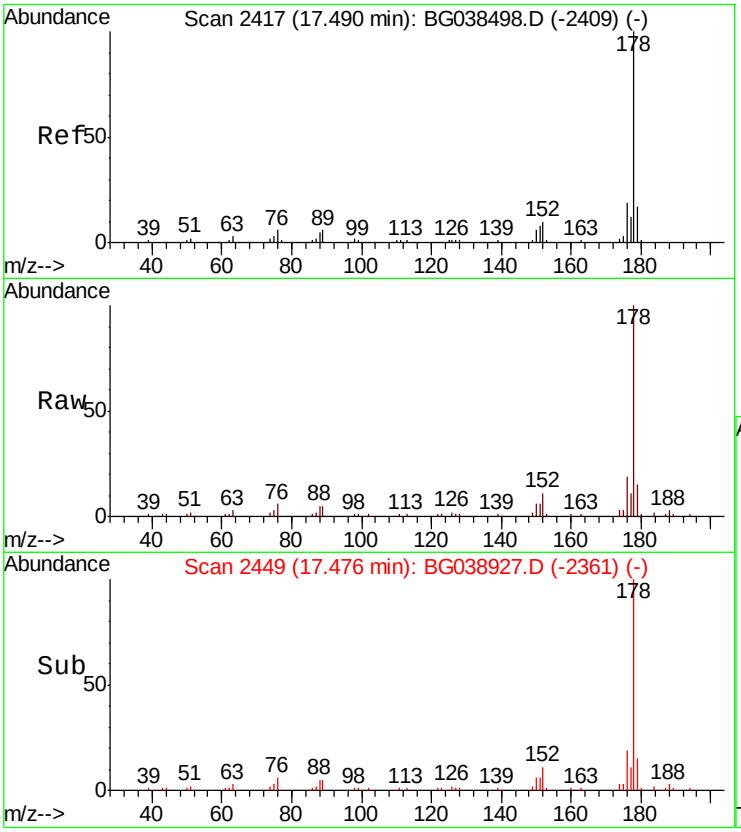


#67
4-Bromophenyl-phenylether
Concen: 3.546 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:248 Resp: 9718

Ion	Ratio	Lower	Upper
248	100		
250	188.9	73.4	110.2#
141	374.7	52.9	79.3#



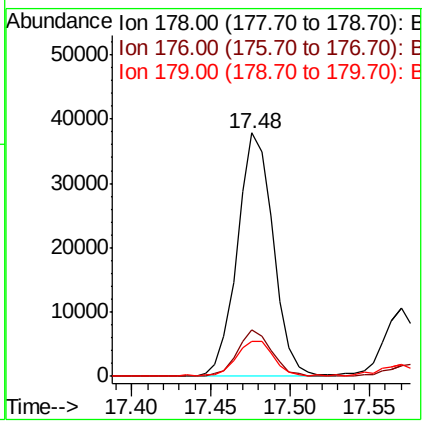


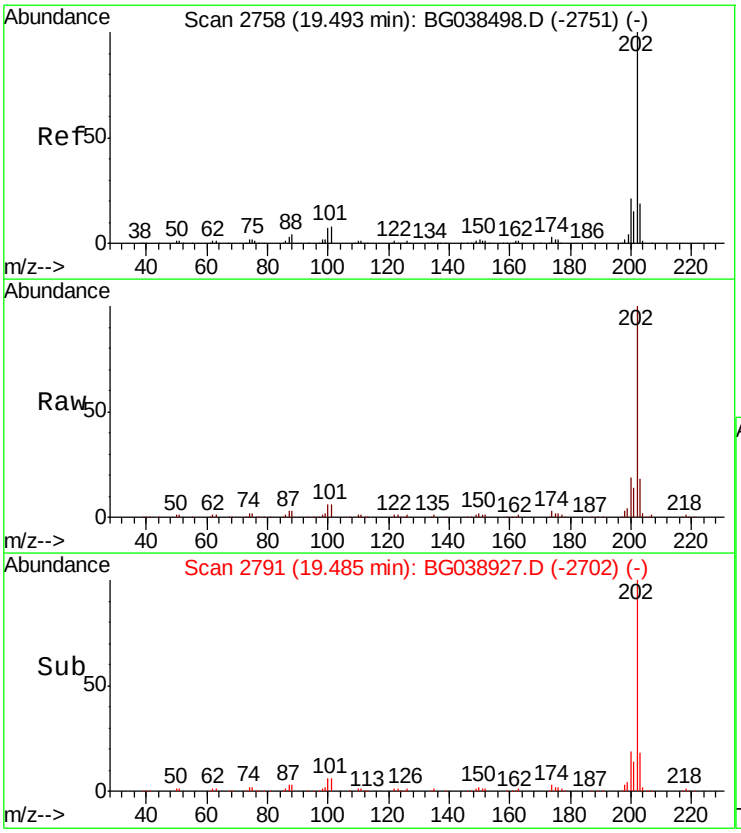
#71
Phenanthrene
Concen: 5.102 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 59375

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	14.5	13.2	19.8

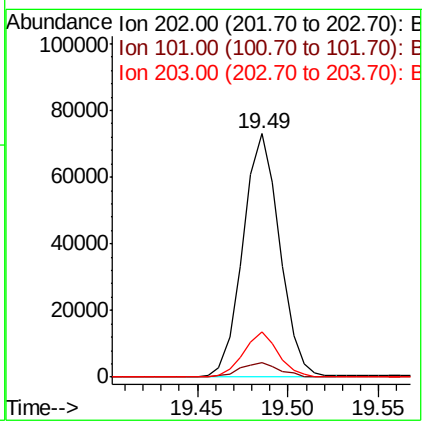


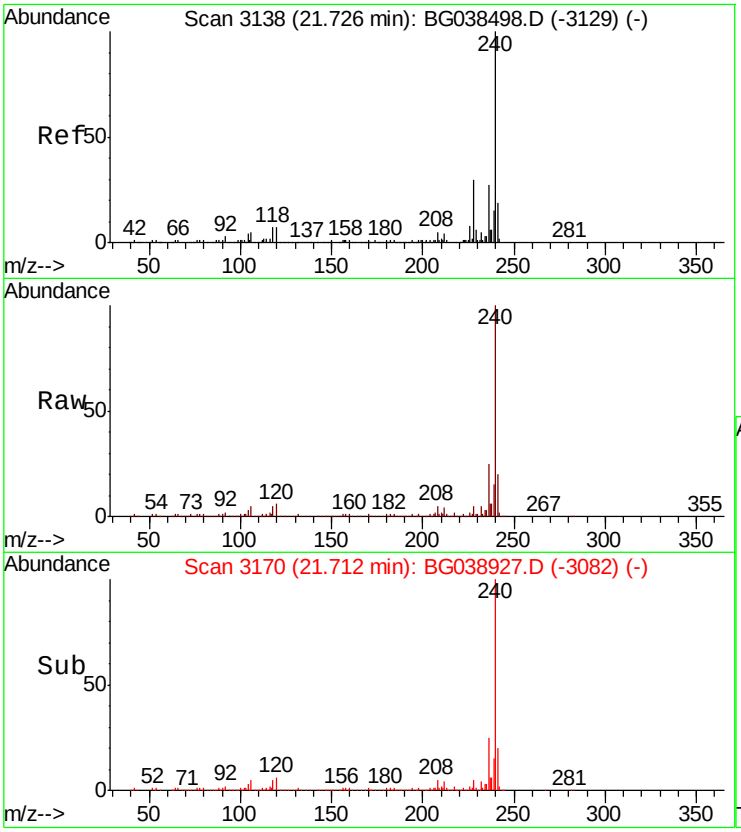


#75
Fluoranthene
Concen: 7.189 ng
RT: 19.49 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:202 Resp: 103515

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	28.1
203	18.4	0.0	39.0



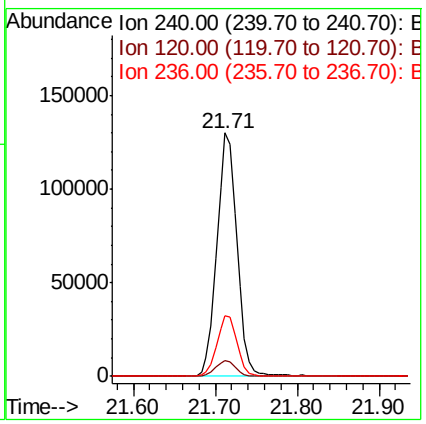


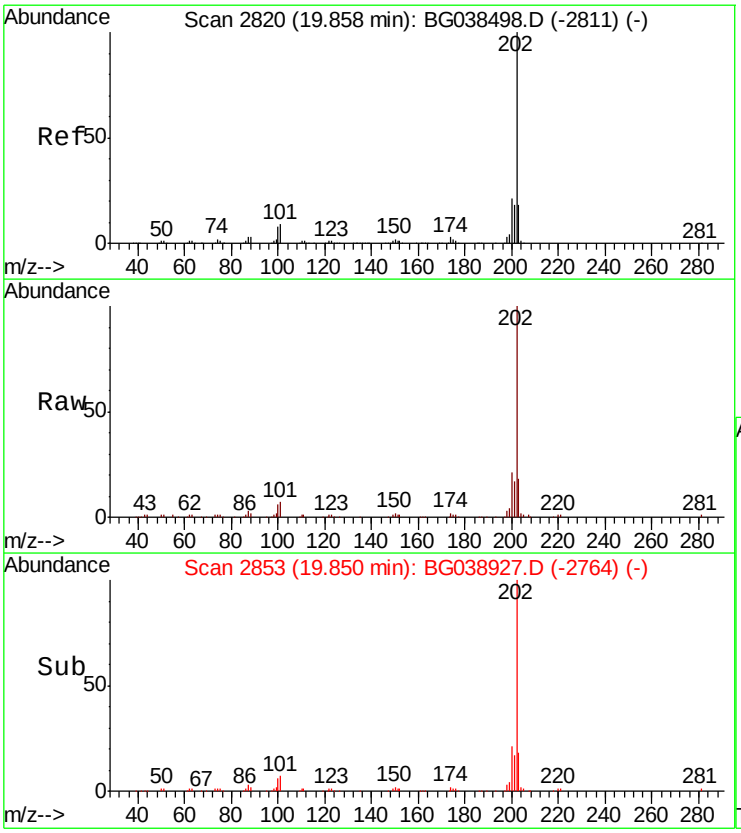
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 223948

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.3	7.9
236	25.0	21.4	32.2

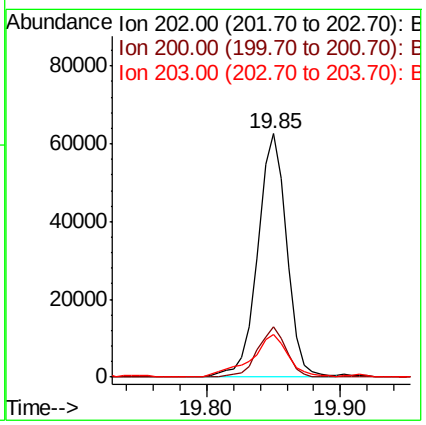


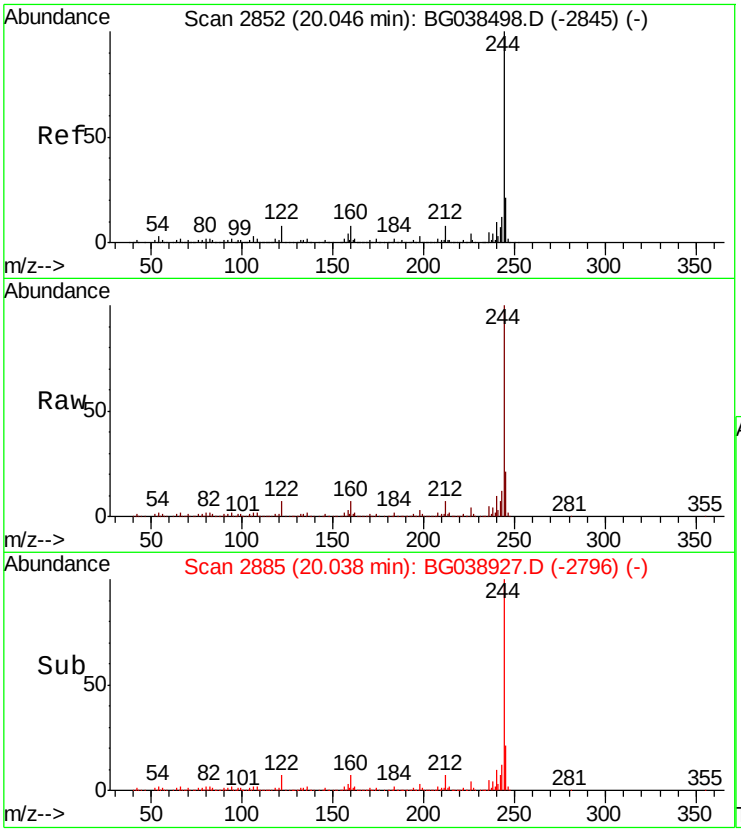


#78
Pyrene
Concen: 6.365 ng
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:202 Resp: 94169

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	14.6	21.8



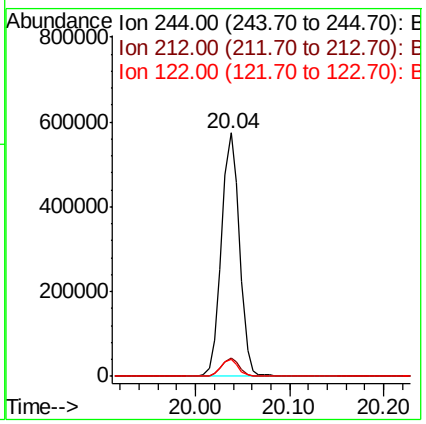


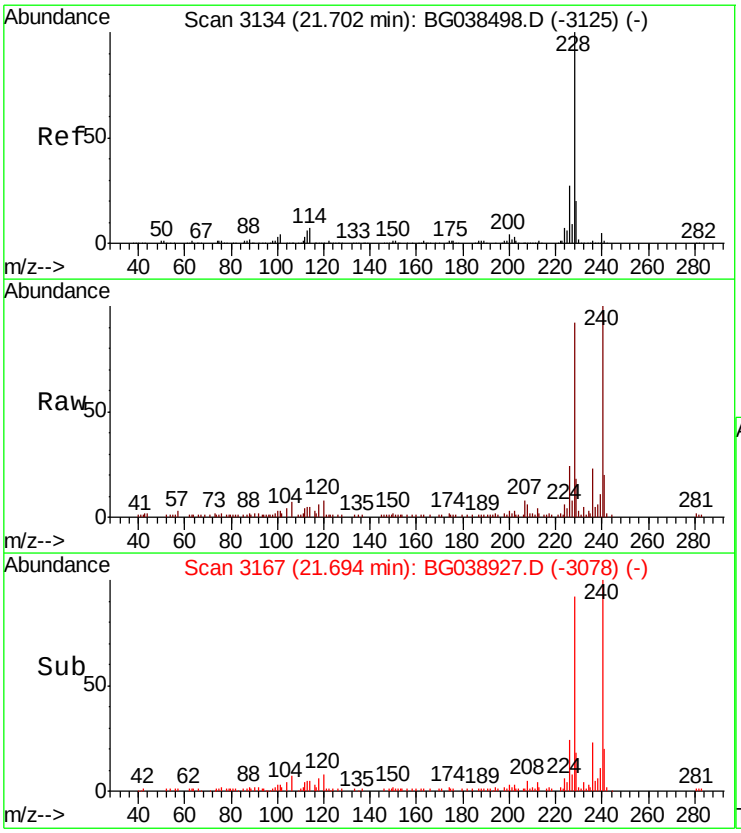
#79
Terphenyl-d14
Concen: 75.154 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 773349

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	7.0	6.3	9.5

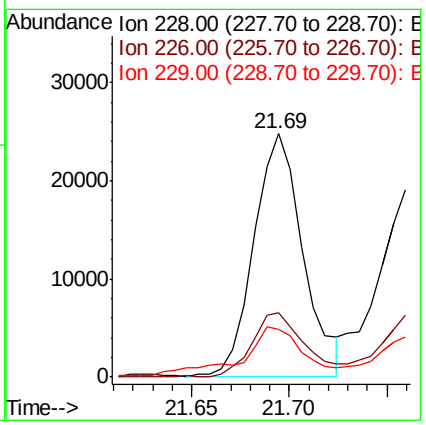


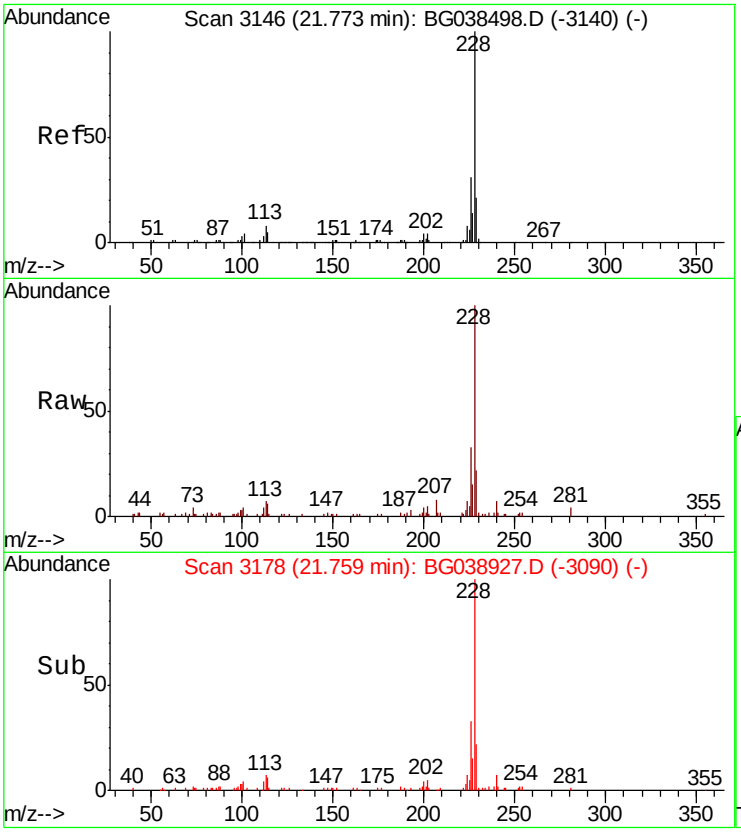


#81
Benzo(a)anthracene
Concen: 3.171 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:228 Resp: 43279

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.6	15.8	23.6



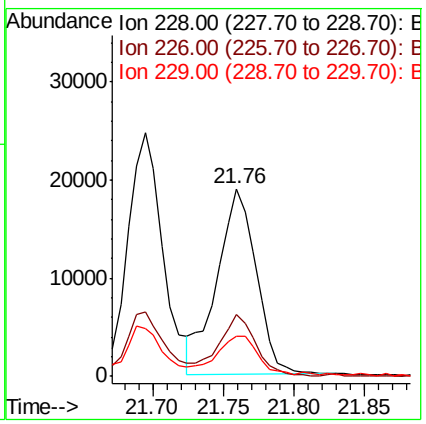


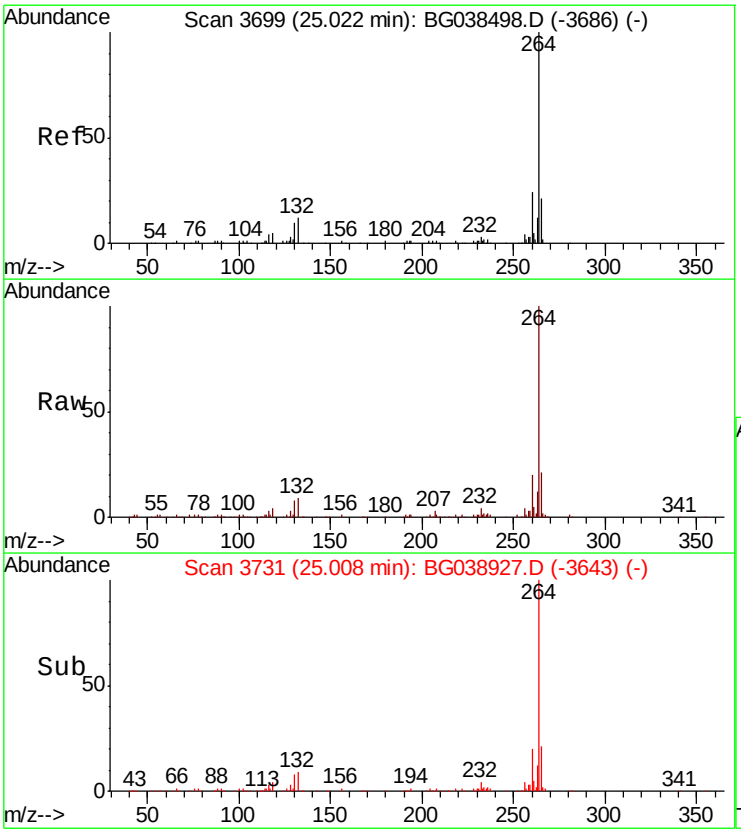
#83
Chrysene
Concen: 2.799 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 36784

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.0	37.4
229	21.5	16.5	24.7

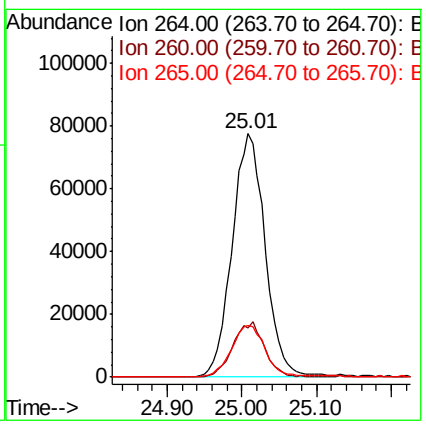


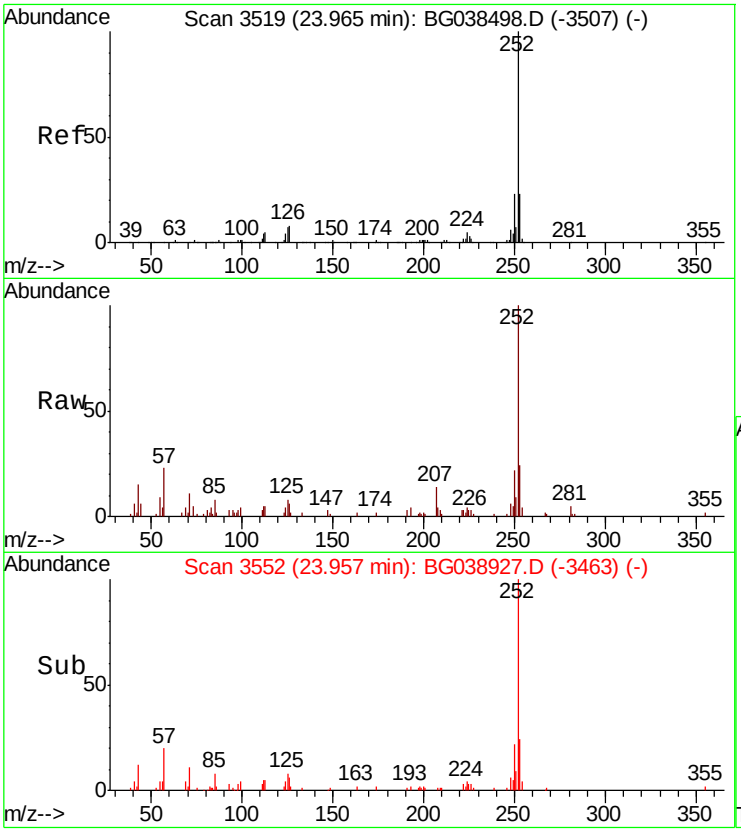


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:264 Resp: 238606

Ion	Ratio	Lower	Upper
264	100		
260	20.1	18.9	28.3
265	21.3	17.0	25.4



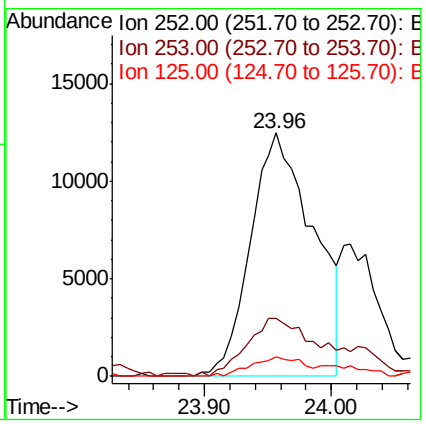


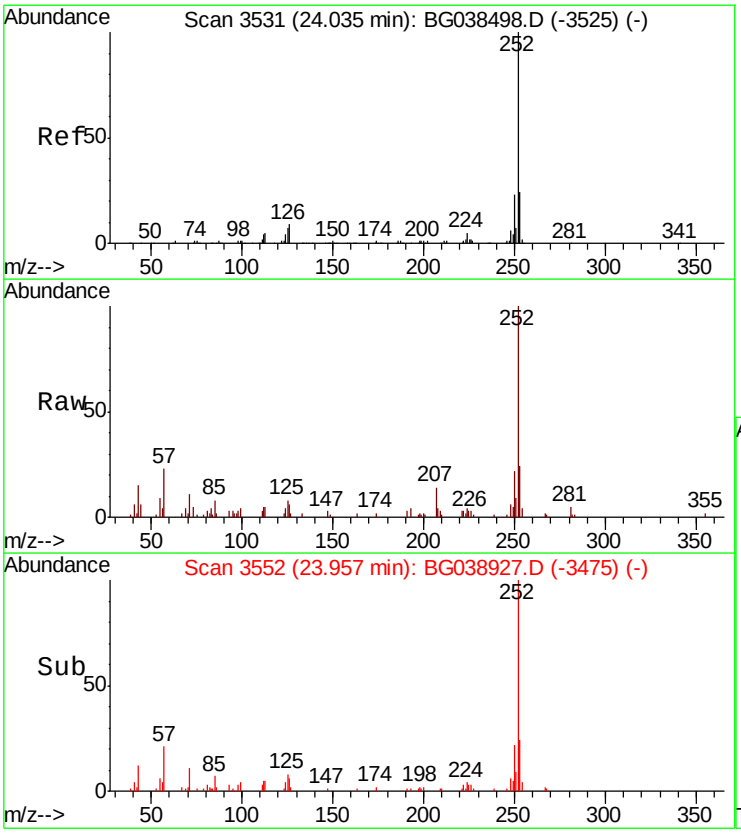
#88
Benzo(b)fluoranthene
Concen: 3.270 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 42844

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	8.0	5.5	8.3

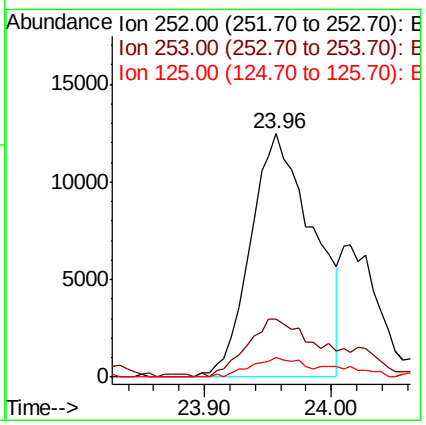


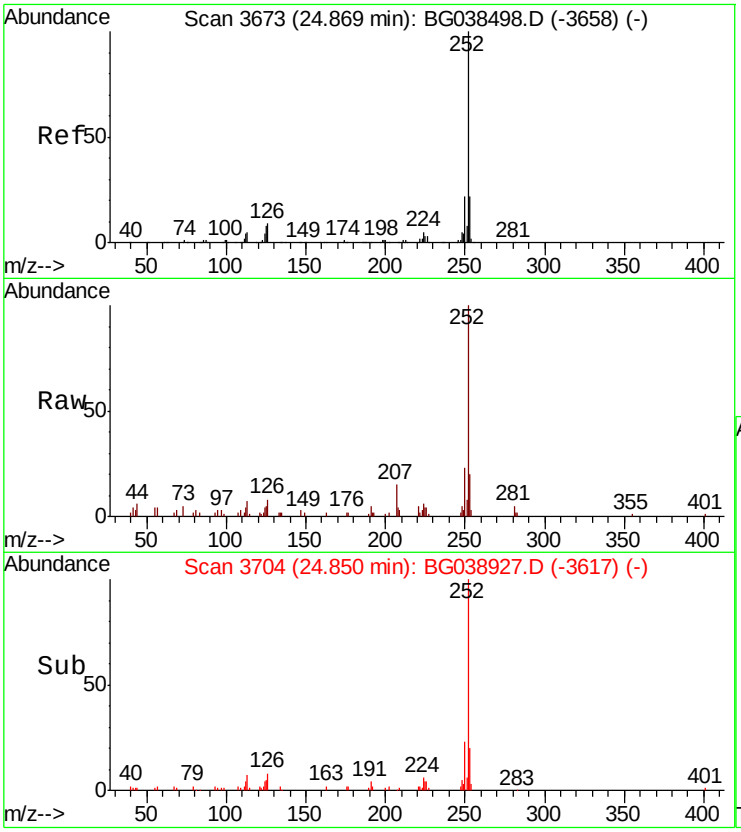


#89
Benzo(k)fluoranthene
Concen: 3.284 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.08 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion:252 Resp: 42844

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	8.0	5.4	8.2





#90
Benzo(a)pyrene
Concen: 2.626 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 33184

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.4	26.0
125	5.4	6.4	9.6#