Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041841.D
Acq On : 31 Jul 2019 20:07
Operator : HP/JU
Sample : K3622-16RX
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-072919-B

Quant Time: Aug 01 01:50:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19896	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	97593	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	98468	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	441145	20.00	ng	0.00
76) Chrysene-d12	21.73	240	698778	20.00	ng	0.00
87) Perylene-d12	25.00	264	741994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	182342	178.31	ng	0.00
7) Phenol-d6	7.19	99	261636	189.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	162916	114.88	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	340236	304.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	523248	93.72	ng	-0.01
79) Terphenyl-d14	20.06	244	2793532	91.48	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.37	79	2267	2.090	ng	# 48
19) n-Nitroso-di-n-propylamine	9.20	70	21048	21.029	ng	# 67
51) 2,6-Dinitrotoluene	14.69	165	13026	9.263	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	13026	6.736	ng	# 27
58) Fluorene	16.18	166	13610	2.115	ng	# 87
65) 4,6-Dinitro-2-methylphenol	16.18	198	938	7.225	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	25091	4.617	ng	# 1
77) Benzidine	20.07	184	50895	2.231	ng	# 93

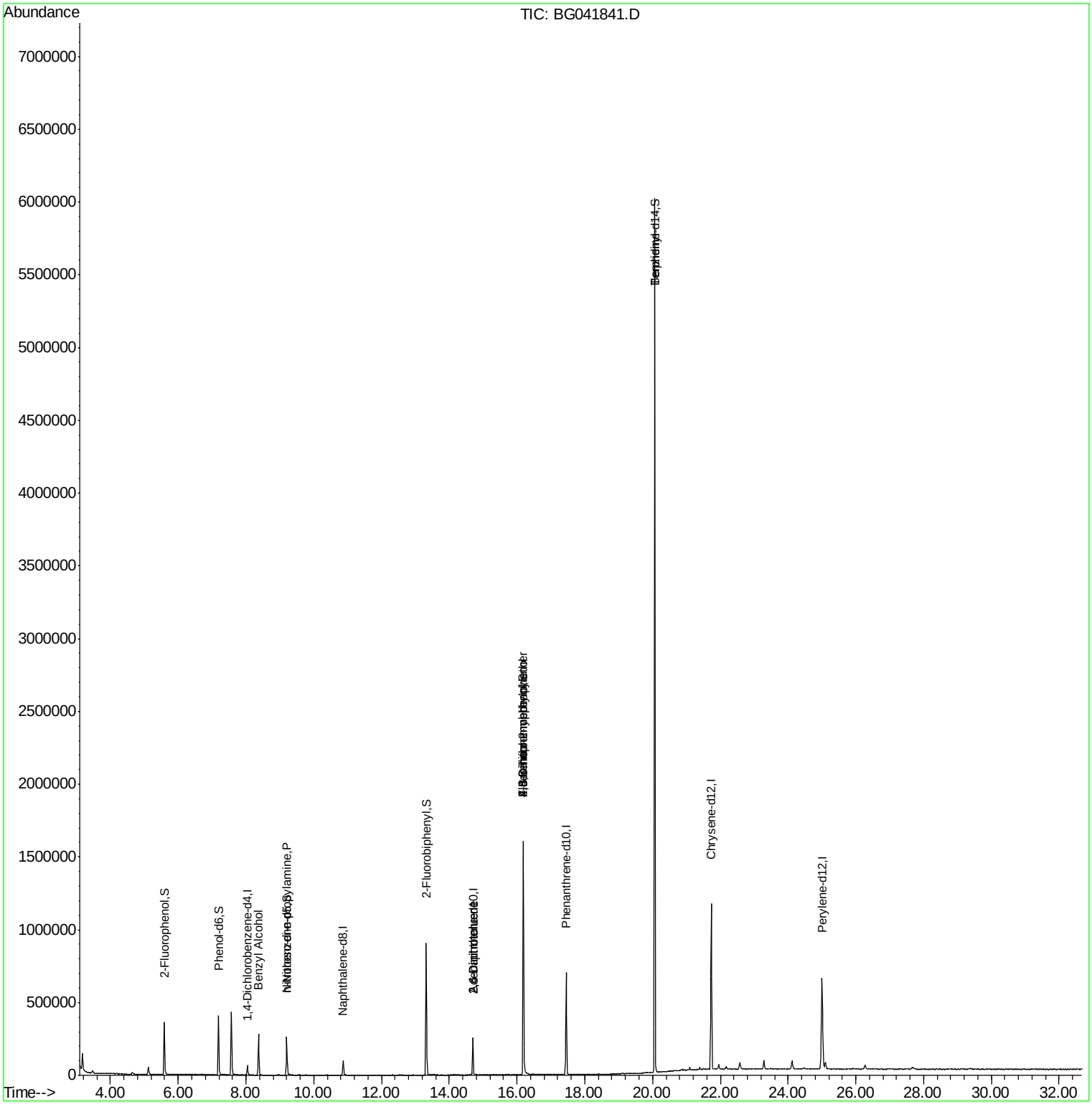
(#) = qualifier out of range (m) = manual integration (+) = signals summed

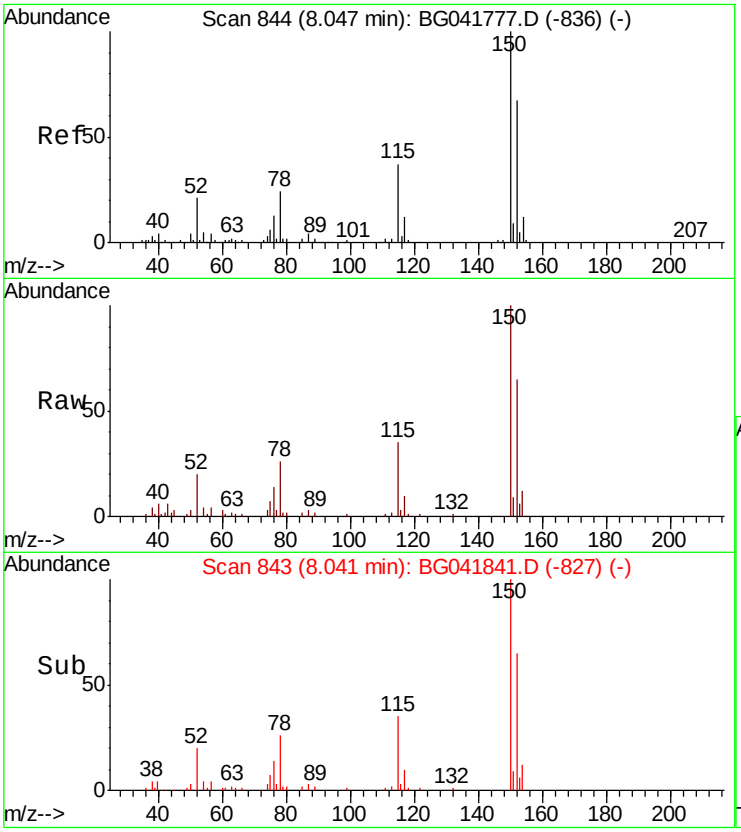
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041841.D
Acq On : 31 Jul 2019 20:07
Operator : HP/JU
Sample : K3622-16RX
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Quant Time: Aug 01 01:50:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



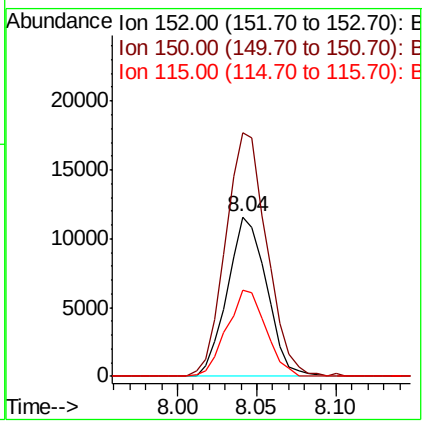


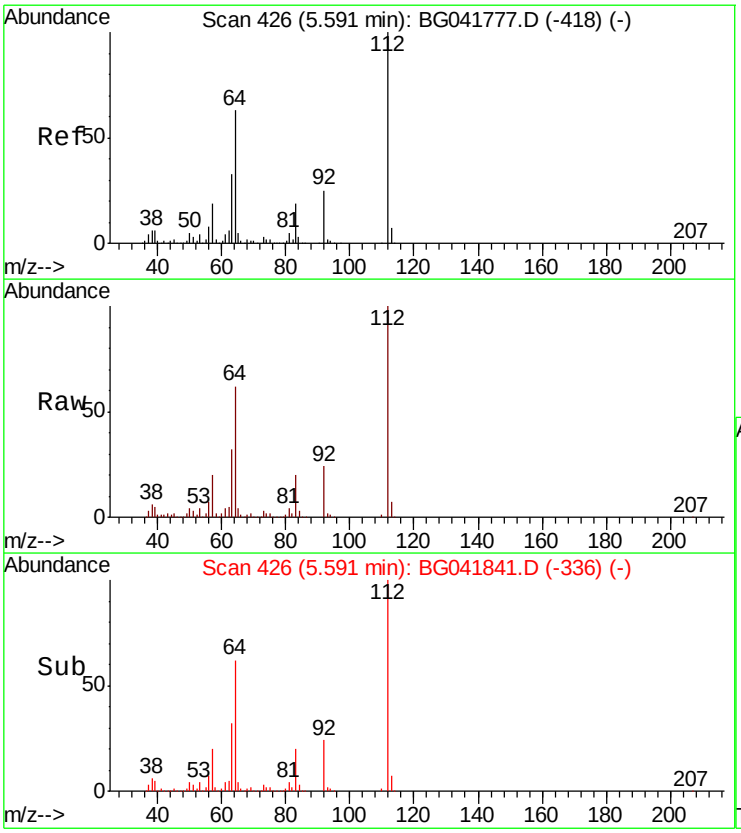
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:152 Resp: 19896

Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.9	190.3
115	53.8	45.0	67.6

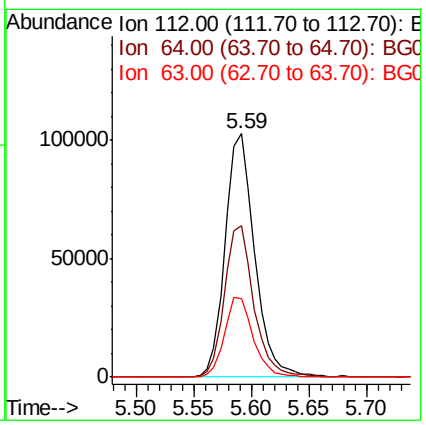


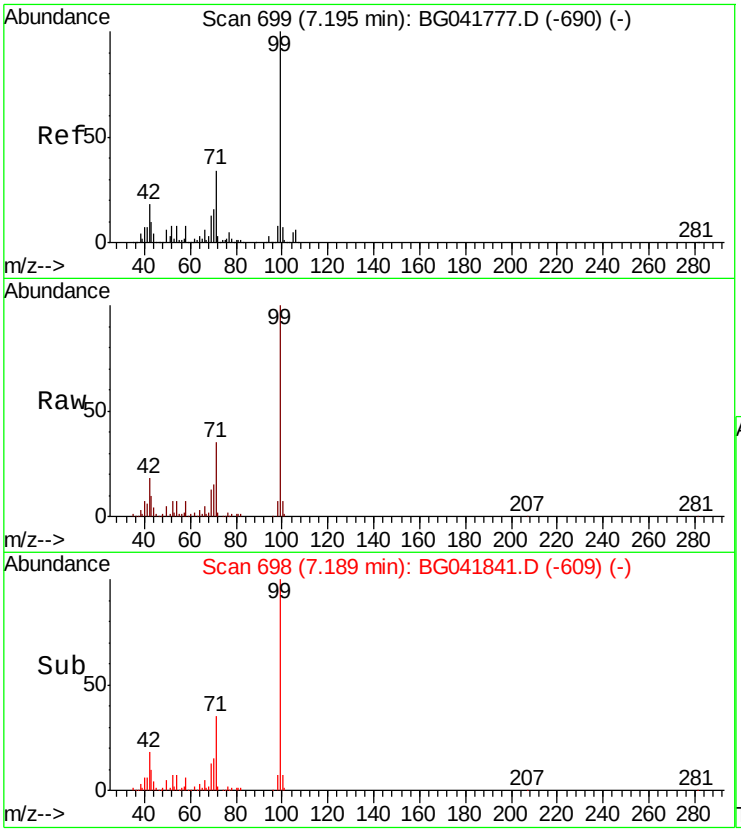


#5
2-Fluorophenol
Concen: 178.311 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:112 Resp: 182342

Ion	Ratio	Lower	Upper
112	100		
64	62.1	55.4	83.2
63	32.0	29.1	43.7



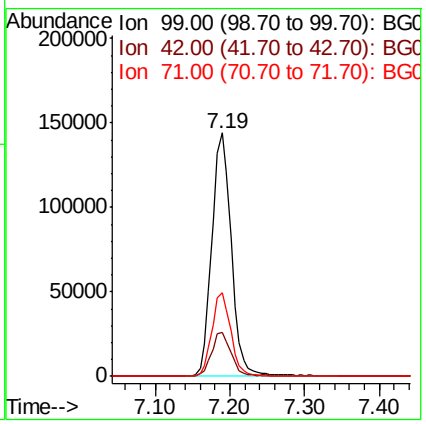


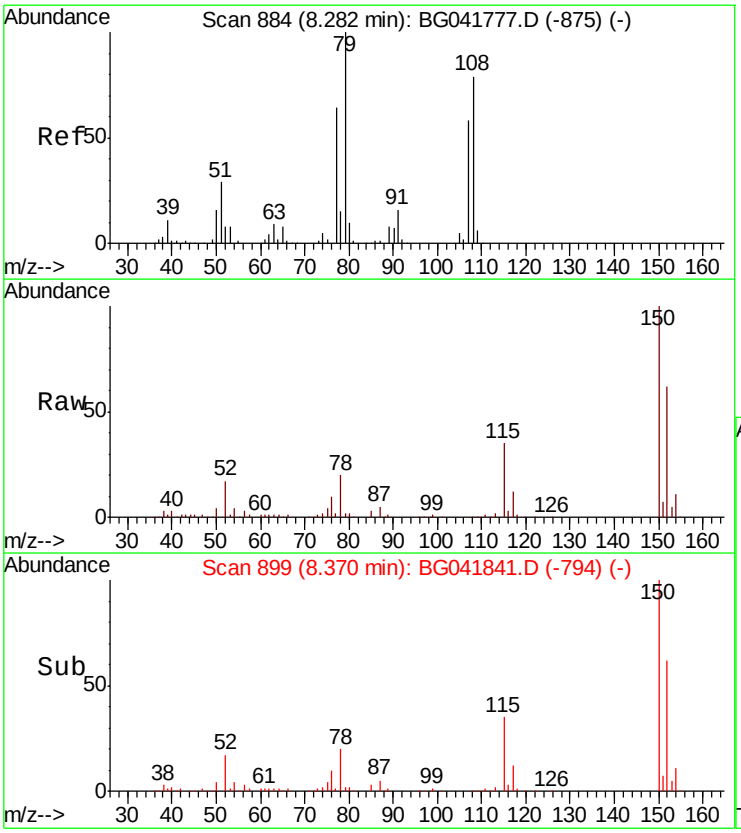
#7
Phenol-d6
Concen: 189.779 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion: 99 Resp: 261636

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.6	26.4
71	34.6	27.8	41.6

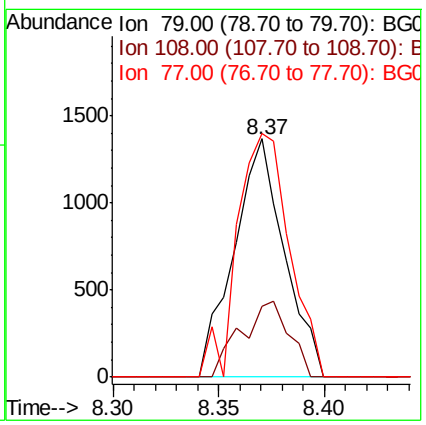


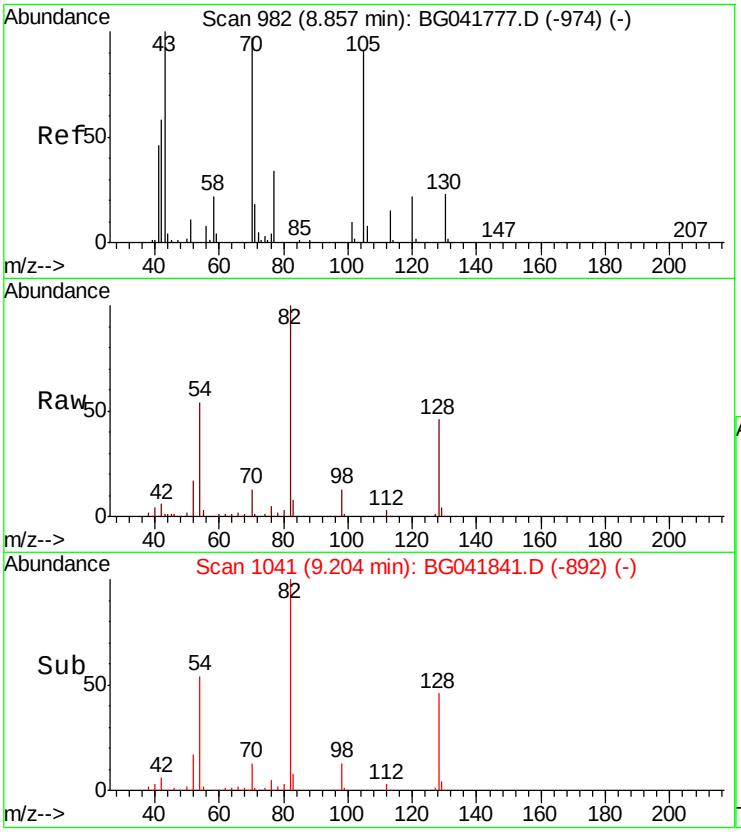


#15
Benzyl Alcohol
Concen: 2.090 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.09 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion: 79 Resp: 2267

Ion	Ratio	Lower	Upper
79	100		
108	29.8	60.5	90.7#
77	102.1	50.6	75.8#



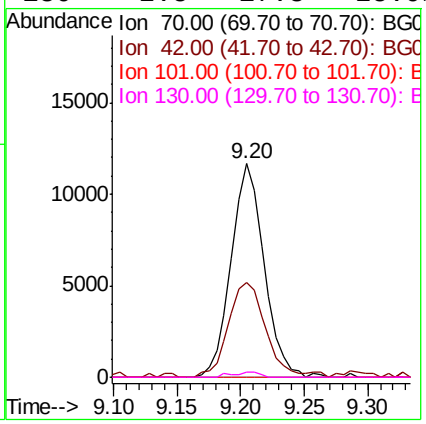


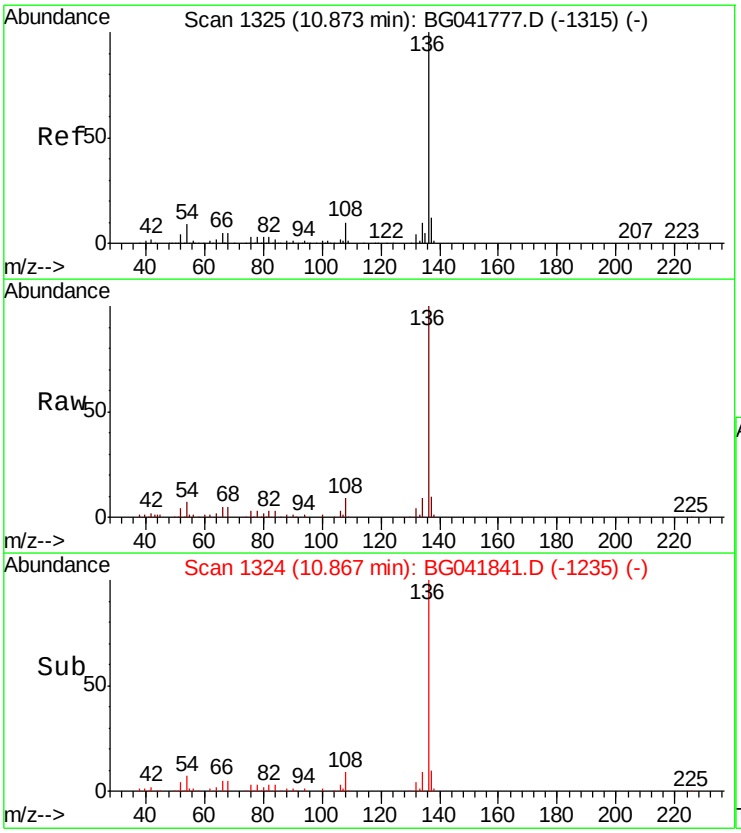
#19
n-Nitroso-di-n-propylamine
Concen: 21.029 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion: 70 Resp: 21048

Ion	Ratio	Lower	Upper
70	100		
42	44.3	55.8	83.6#
101	0.0	8.1	12.1#
130	2.5	17.3	25.9#

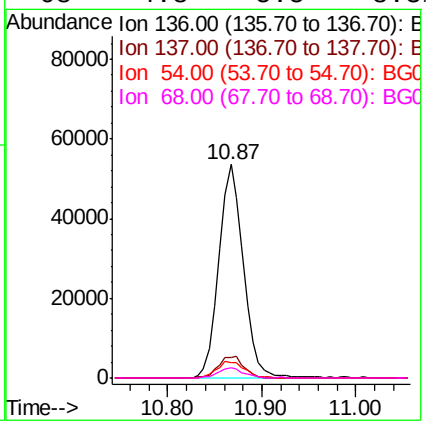


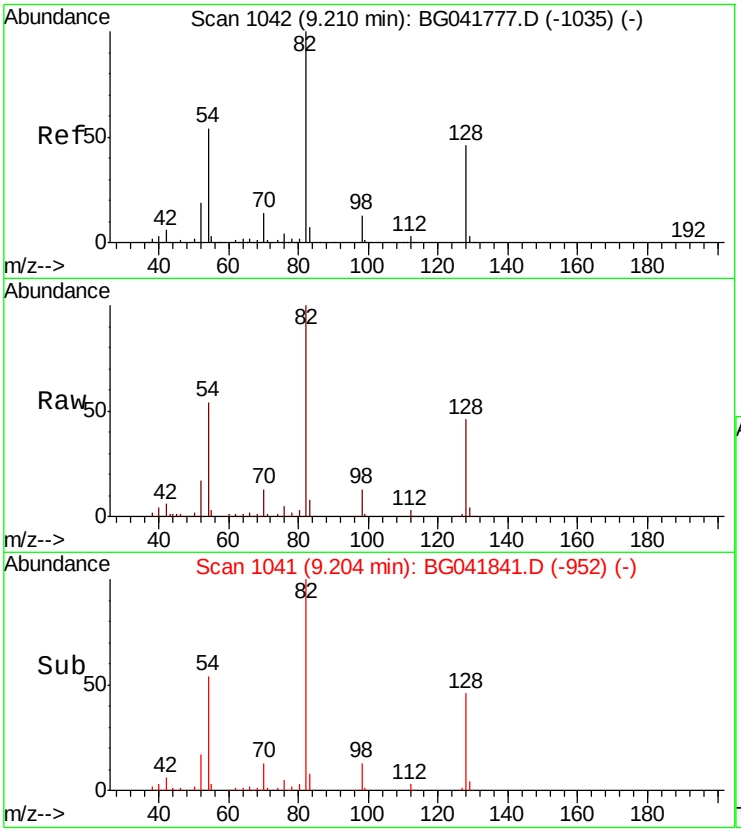


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:136 Resp: 97593

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	7.5	8.7	13.1#
68	4.8	5.5	8.3#



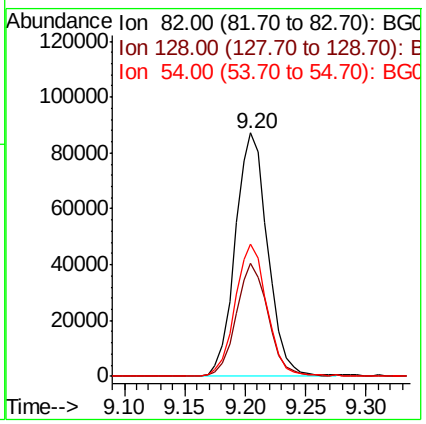


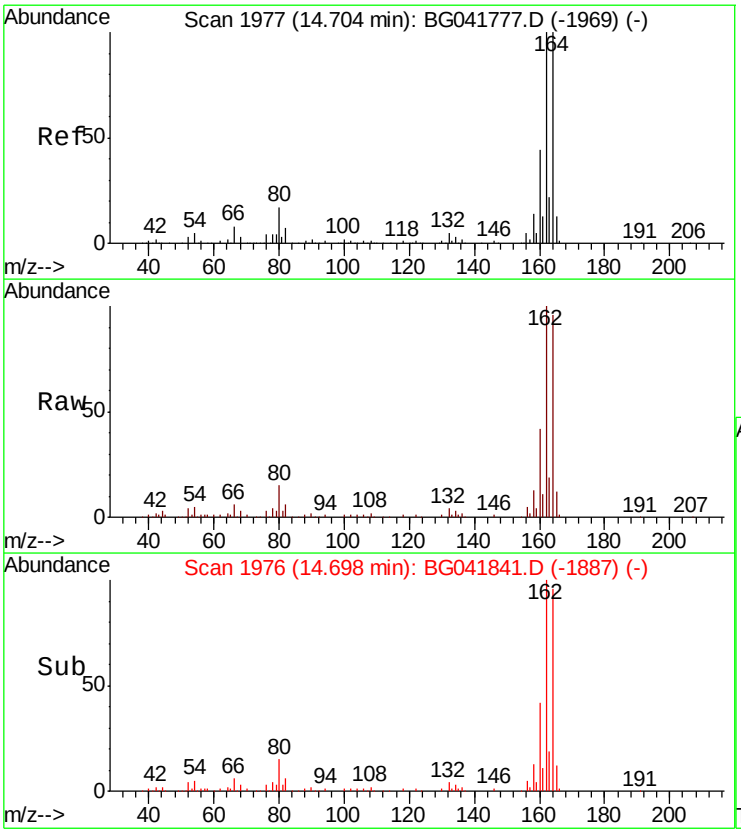
#23
Nitrobenzene-d5
Concen: 114.878 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion: 82 Resp: 162916

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	54.5	48.7	73.1

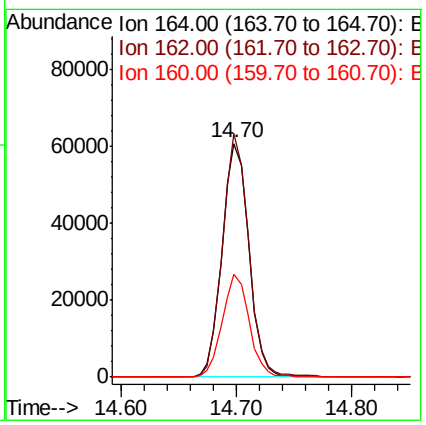


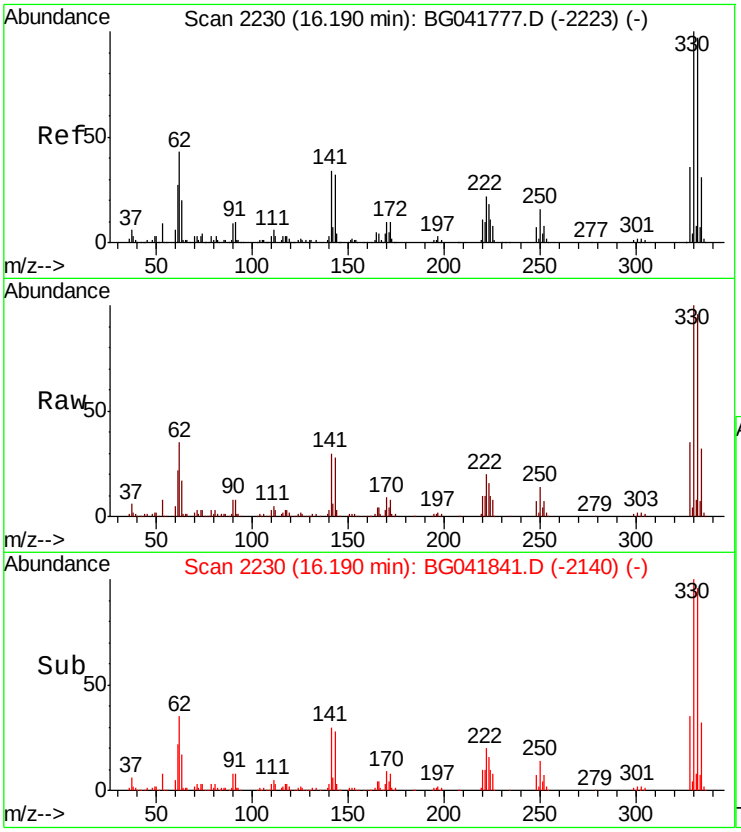


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:164 Resp: 98468

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.6	119.4
160	43.9	35.4	53.0



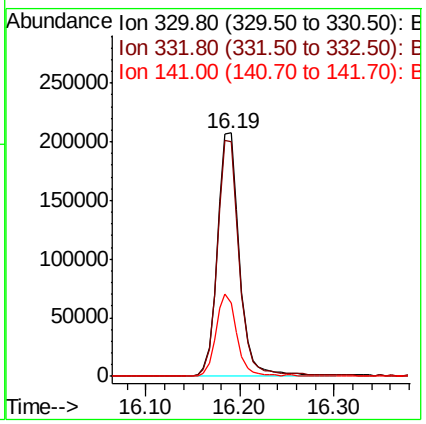


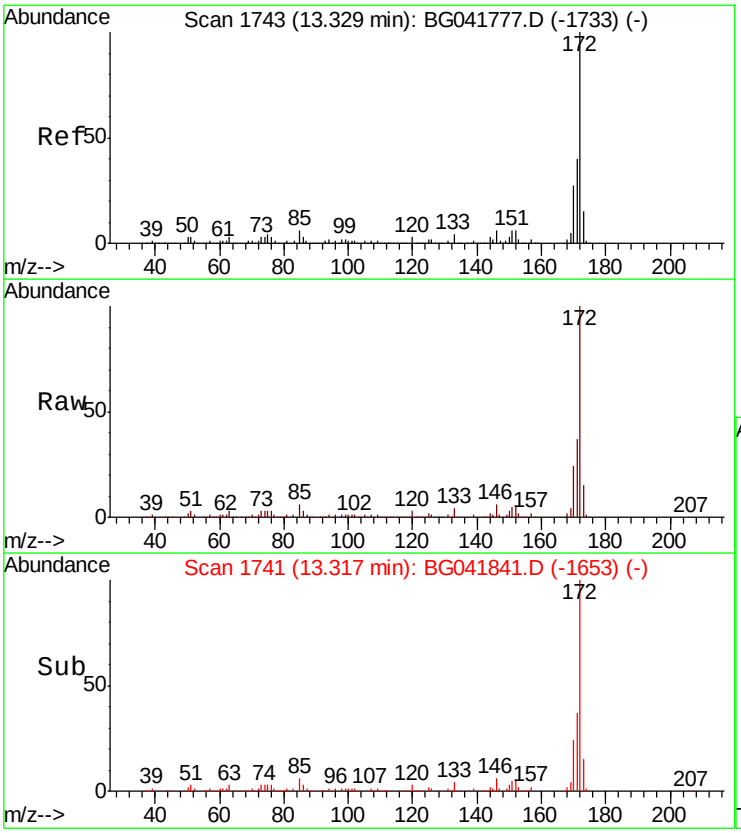
#42
2,4,6-Tribromophenol
Concen: 304.200 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:330 Resp: 340236

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	31.9	31.9	47.9

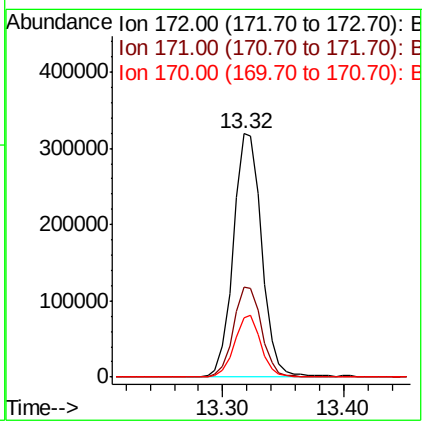


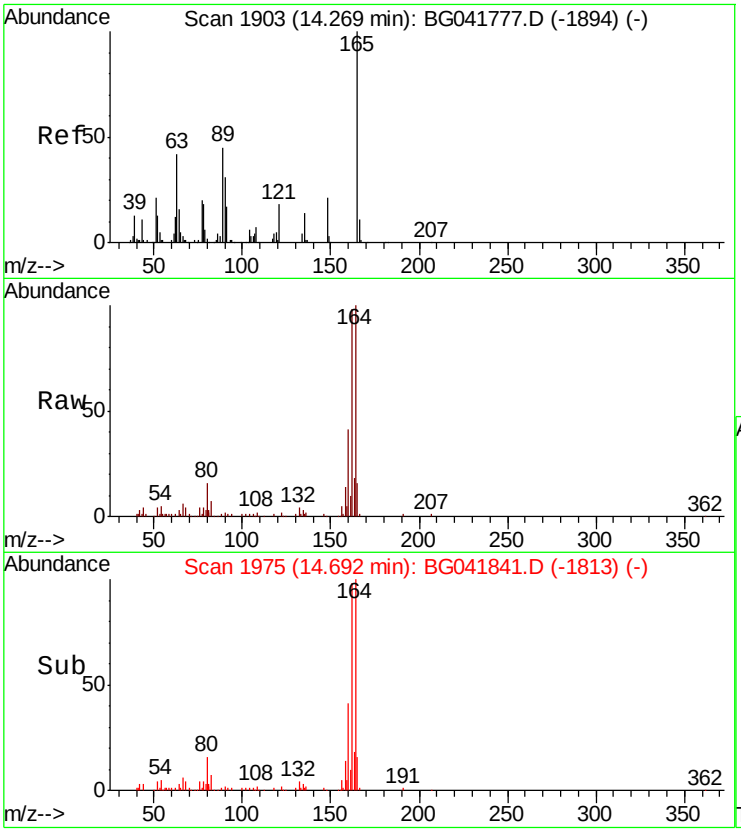


#45
2-Fluorobiphenyl
Concen: 93.722 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:172 Resp: 523248

Ion	Ratio	Lower	Upper
172	100		
171	36.8	35.0	52.4
170	24.2	23.5	35.3



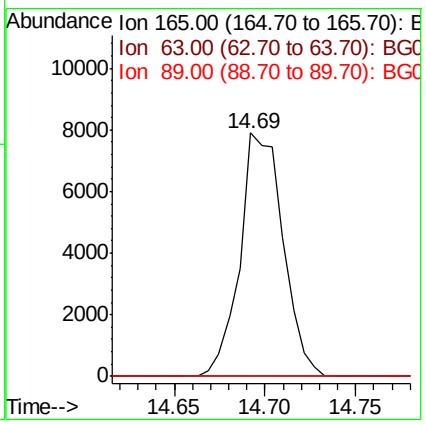


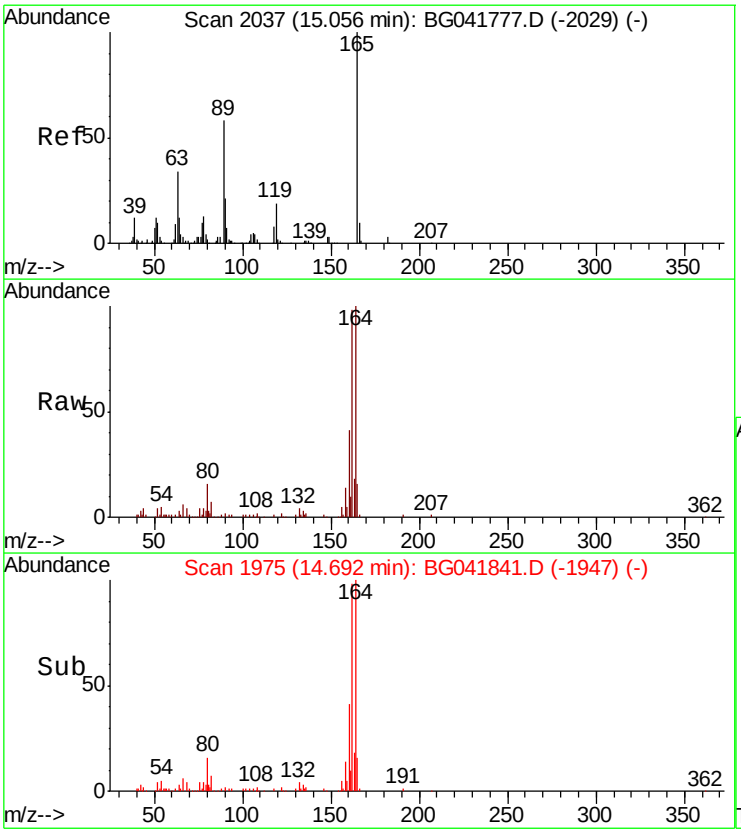
#51
2,6-Dinitrotoluene
Concen: 9.263 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.42 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:165 Resp: 13026

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	0.0	42.1	63.1#

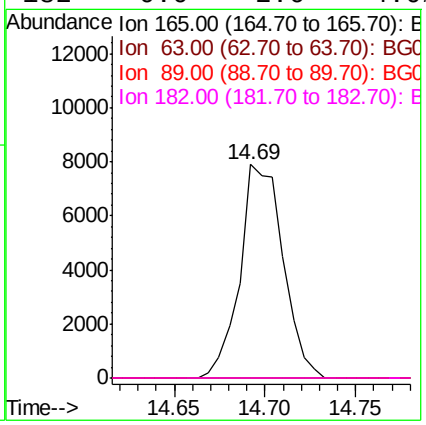


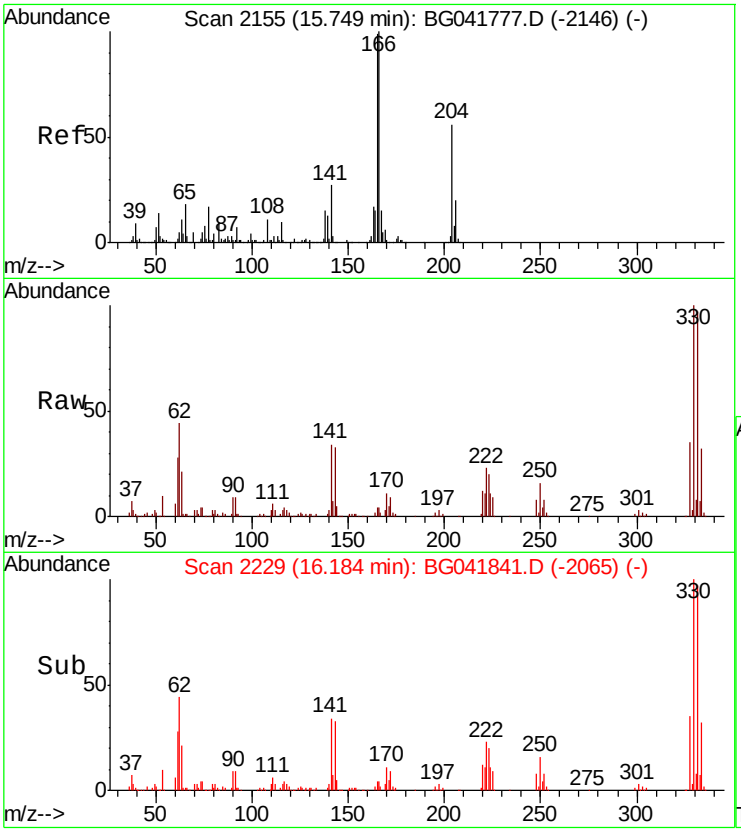


#57
2,4-Dinitrotoluene
Concen: 6.736 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.36 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:165 Resp: 13026

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



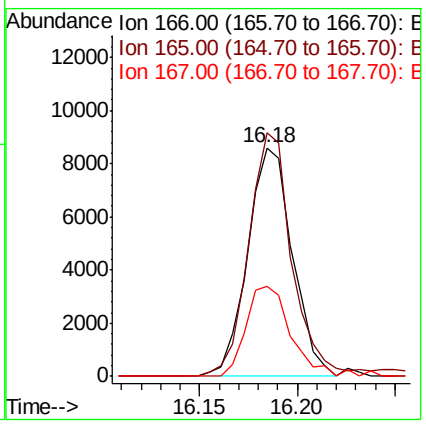


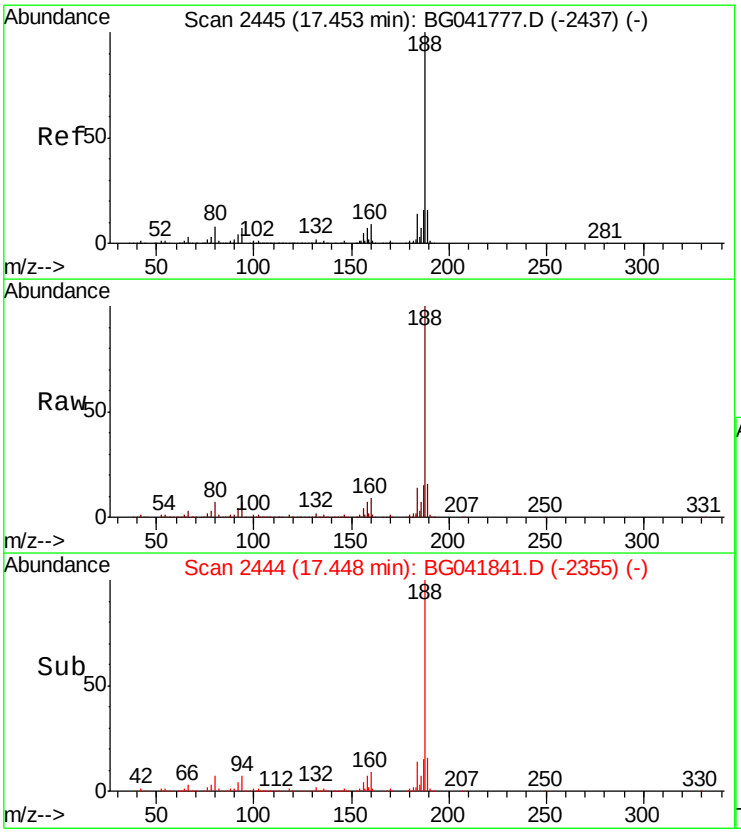
#58
Fluorene
Concen: 2.115 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.44 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:166 Resp: 13610

Ion	Ratio	Lower	Upper
166	100		
165	106.6	80.5	120.7
167	39.1	12.4	18.6#

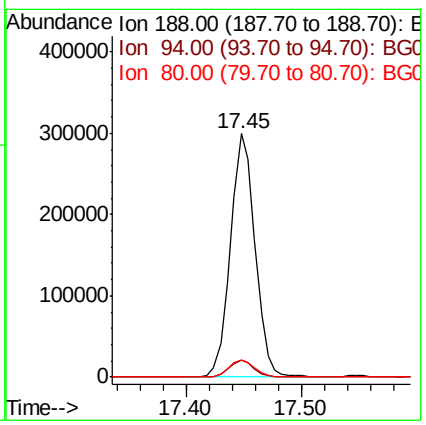


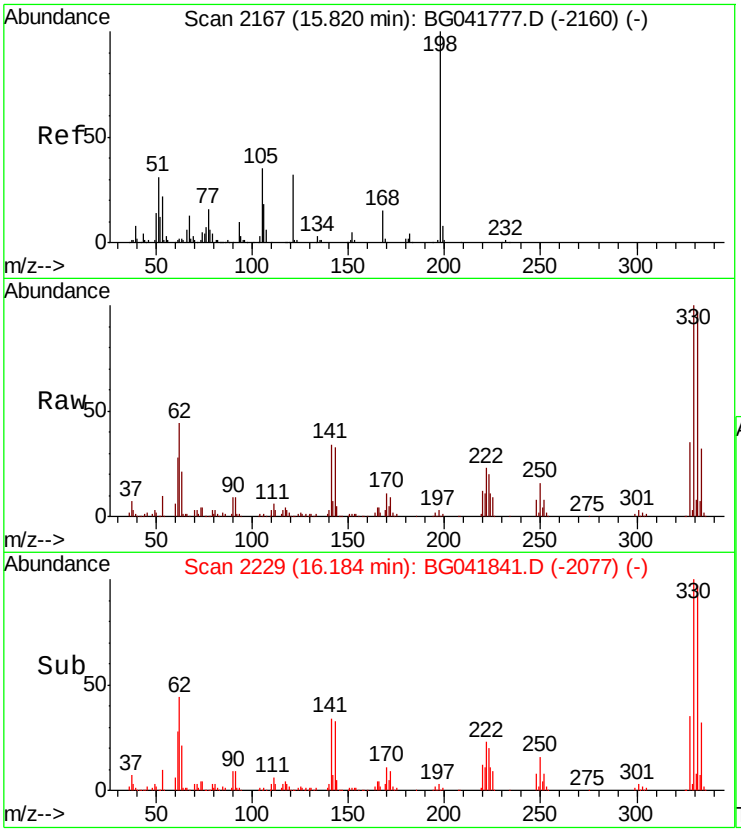


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:188 Resp: 441145

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.0	8.0	12.0#



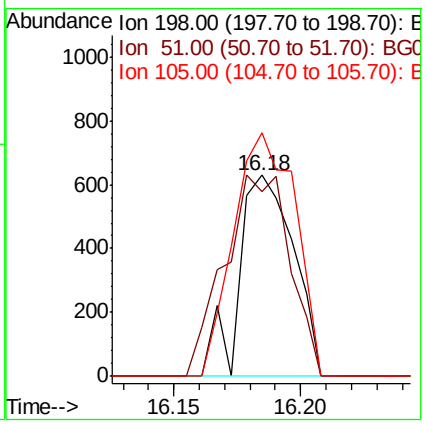


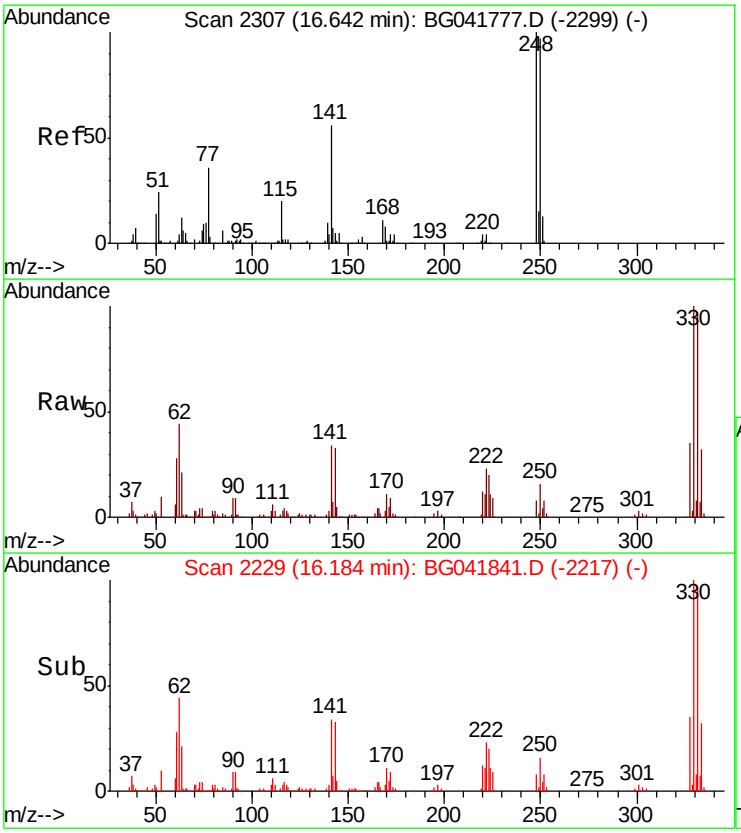
#65
4,6-Dinitro-2-methylphenol
Concen: 7.225 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.37 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:198 Resp: 938

Ion	Ratio	Lower	Upper
198	100		
51	91.7	22.3	62.3#
105	121.1	18.0	58.0#

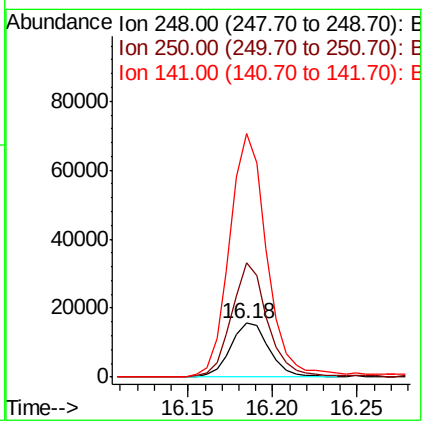


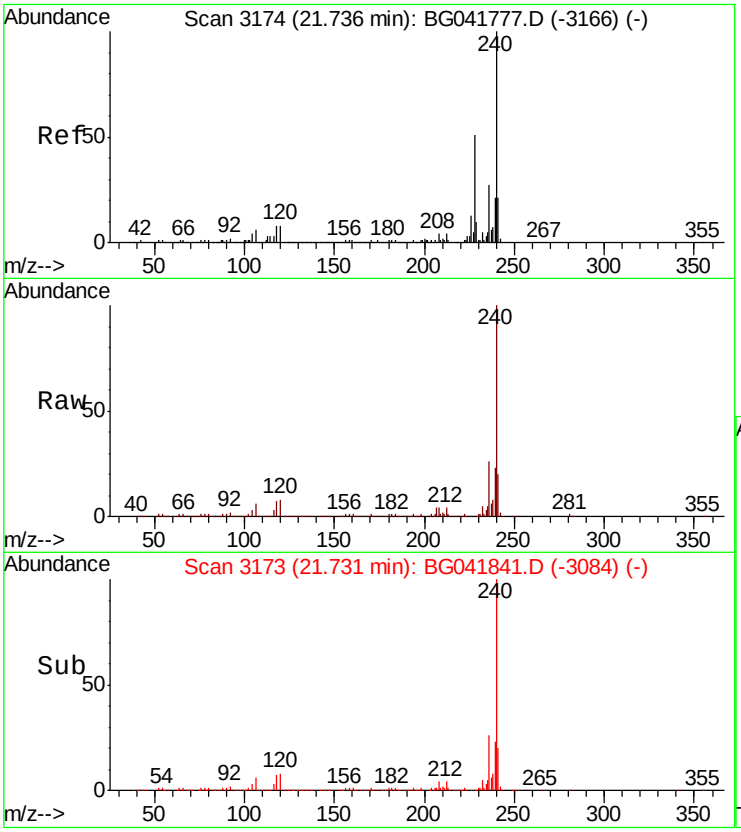


#67
4-Bromophenyl-phenylether
Concen: 4.617 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:248 Resp: 25091

Ion	Ratio	Lower	Upper
248	100		
250	211.8	78.1	117.1#
141	451.4	49.6	74.4#



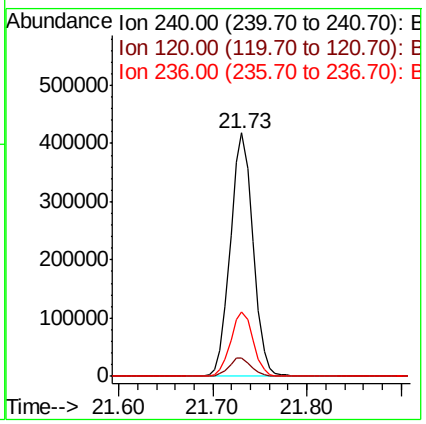


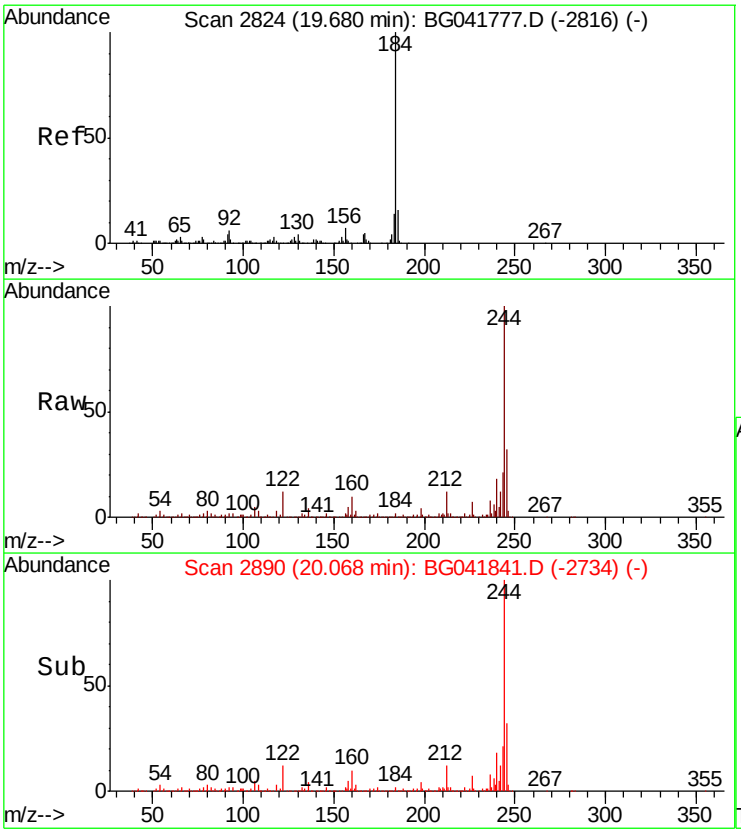
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:240 Resp: 698778

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.0	12.0#
236	26.2	22.6	33.8

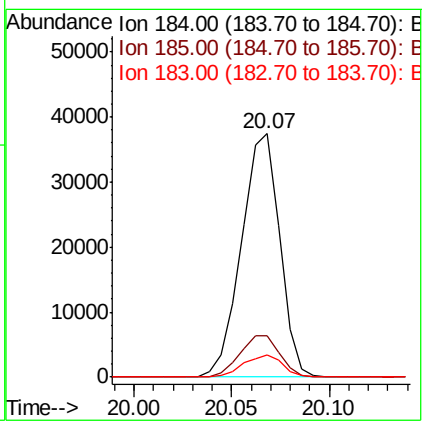


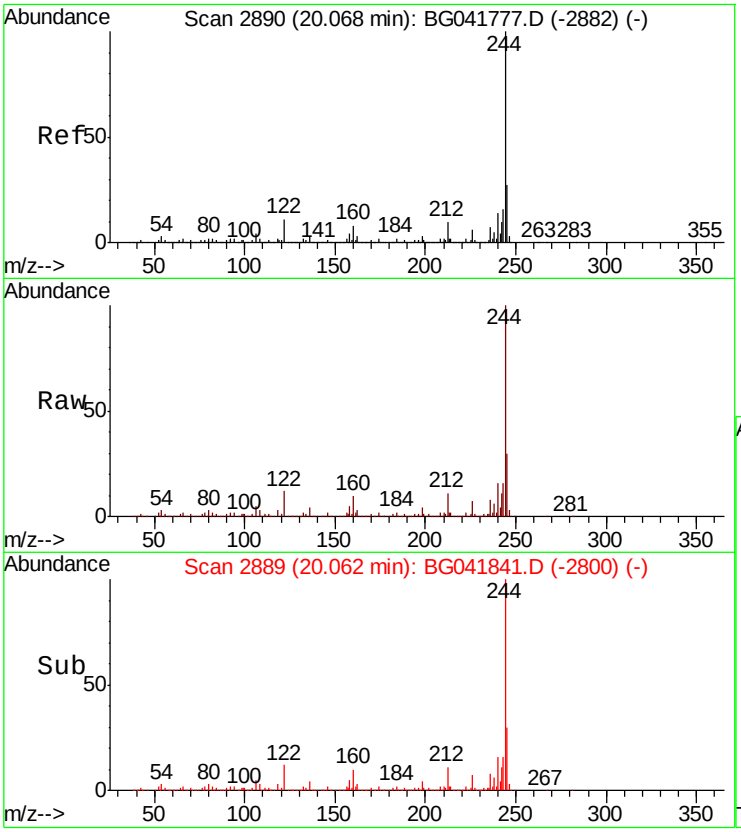


#77
Benzidine
Concen: 2.231 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.39 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:184 Resp: 50895

Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.0	19.4
183	9.3	11.8	17.6#



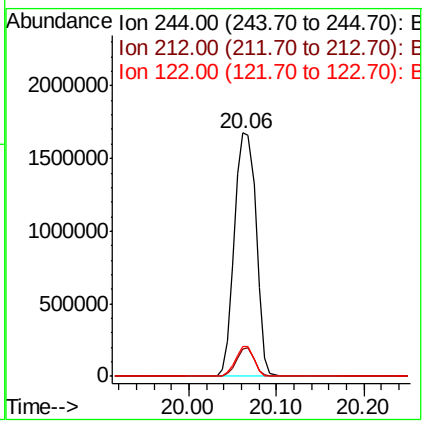


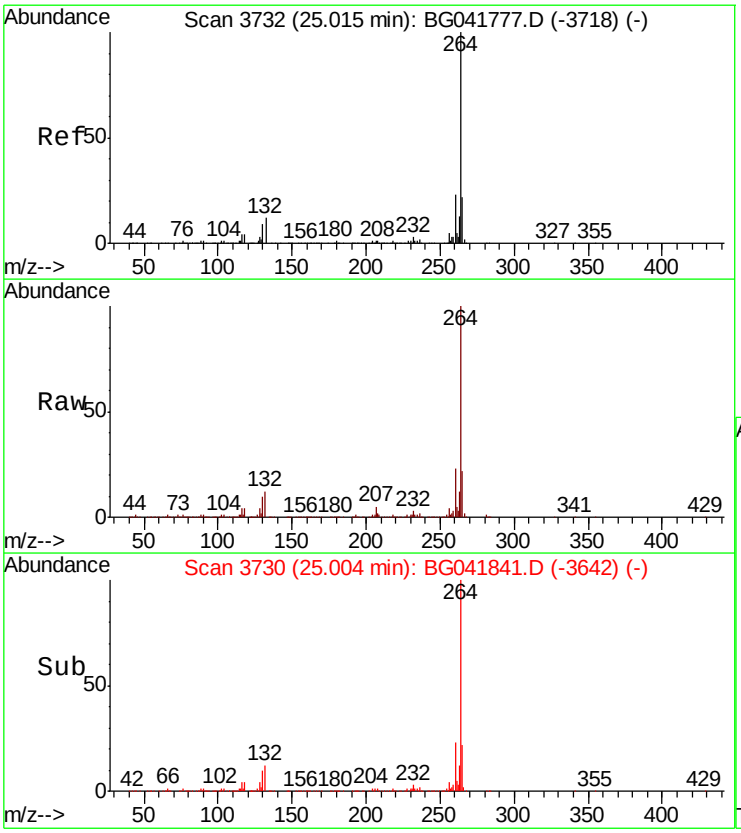
#79
Terphenyl-d14
Concen: 91.479 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tgt Ion:244 Resp: 2793532

Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.7	14.5
122	12.5	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041841.D
Acq: 31 Jul 2019 20:07

Tgt Ion:264 Resp: 741994

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	18.0	27.0