Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041726.D
Acq On : 19 Jul 2019 9:16
Operator : HP/JU
Sample : K3905-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 19 11:04:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	123672	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	478757	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	285265	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	696613	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	737869	20.00	ng	-0.02
87) Perylene-d12	24.84	264	867818	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	301696	39.88	ng	0.00
7) Phenol-d6	7.20	99	266057	26.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	693823	88.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	291299	90.61	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1562072	84.79	ng	0.00
79) Terphenyl-d14	20.00	244	2294118	72.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	340	Below Cal	#	62
19) n-Nitroso-di-n-propylamine	9.20	70	93228	12.535	ng	# 71
32) Benzoic acid	10.13	122	177	6.042	ng	# 25
50) Dimethylphthalate	14.11	163	85324	3.808	ng	97
51) 2,6-Dinitrotoluene	14.66	165	37865	7.968	ng	# 27
53) 3-Nitroaniline	14.29	138	20045	3.864	ng	# 1
57) 2,4-Dinitrotoluene	14.66	165	37865	6.028	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1050	6.947	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	22766	2.747	ng	# 1
77) Benzidine	20.00	184	42699	Below Cal	#	91

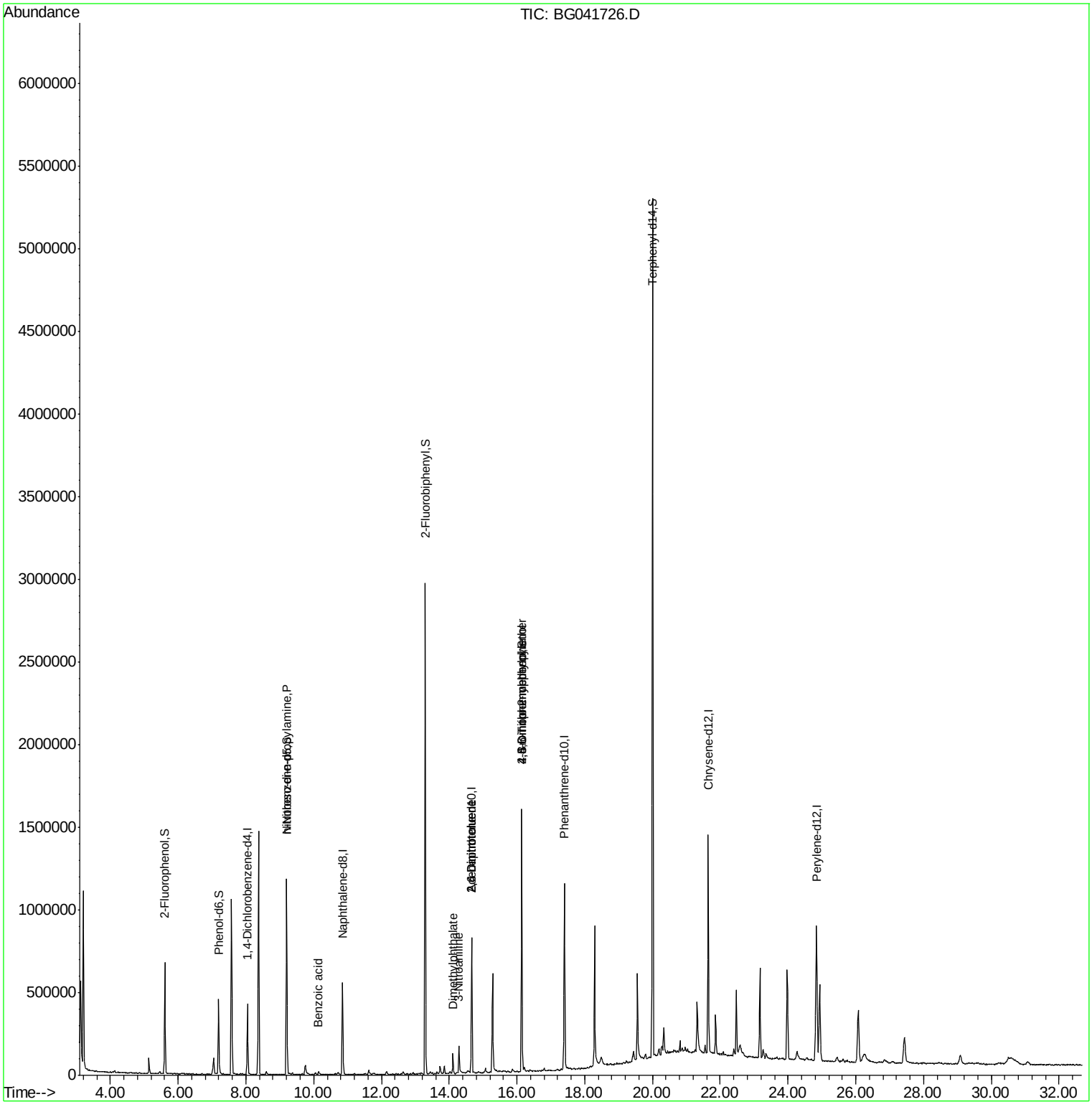
(#) = qualifier out of range (m) = manual integration (+) = signals summed

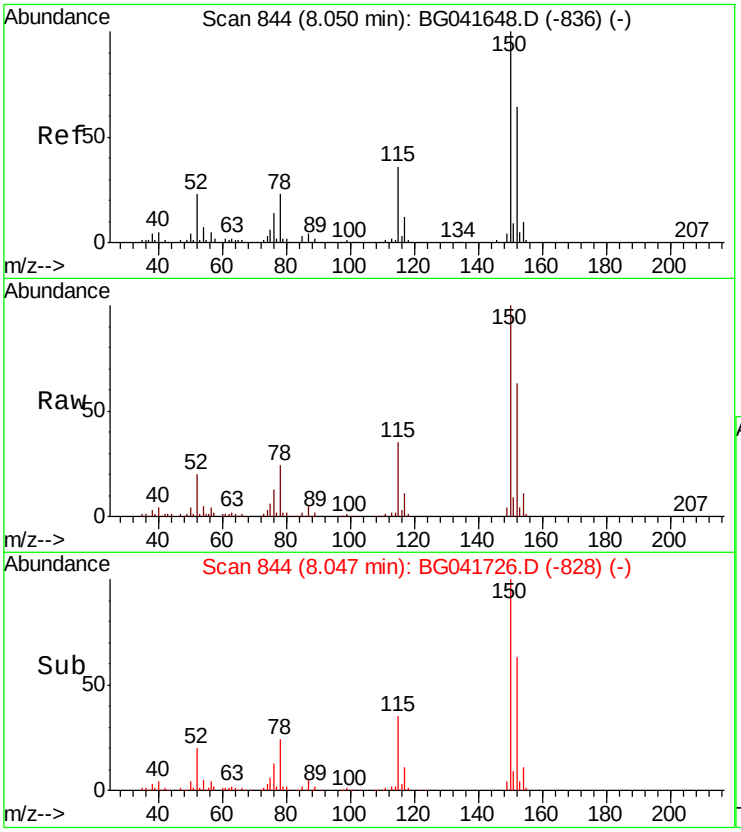
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041726.D
Acq On : 19 Jul 2019 9:16
Operator : HP/JU
Sample : K3905-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 19 11:04:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration



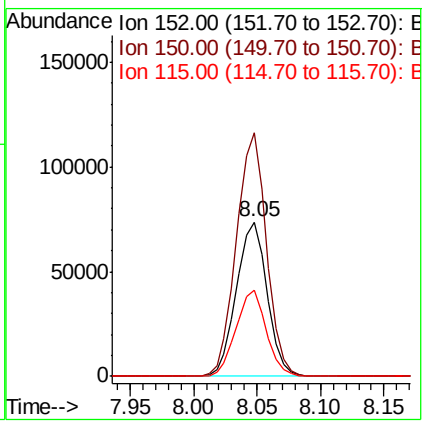


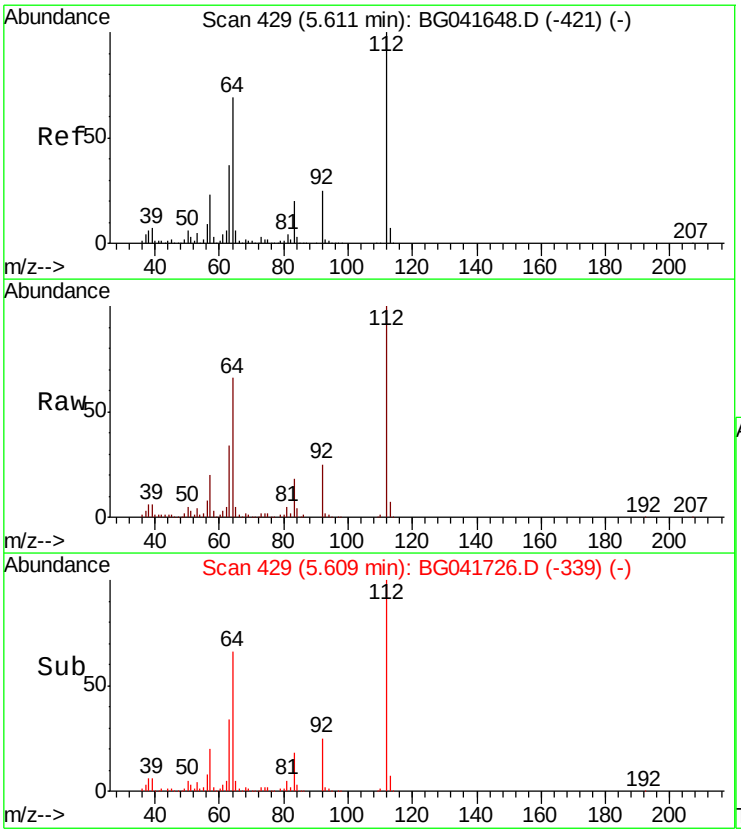
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 123672

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.9	190.3
115	55.8	45.0	67.6

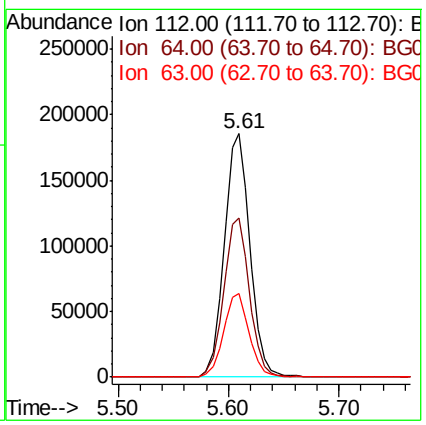


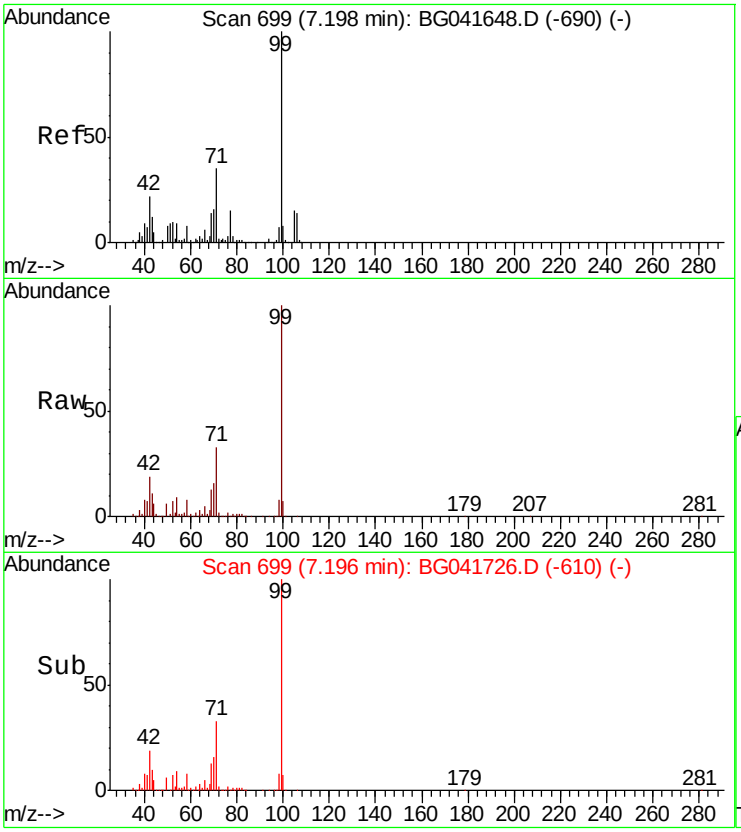


#5
2-Fluorophenol
Concen: 39.879 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:112 Resp: 301696

Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.4	83.2
63	34.3	29.1	43.7



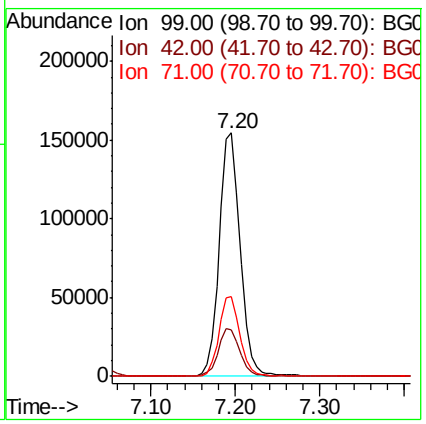


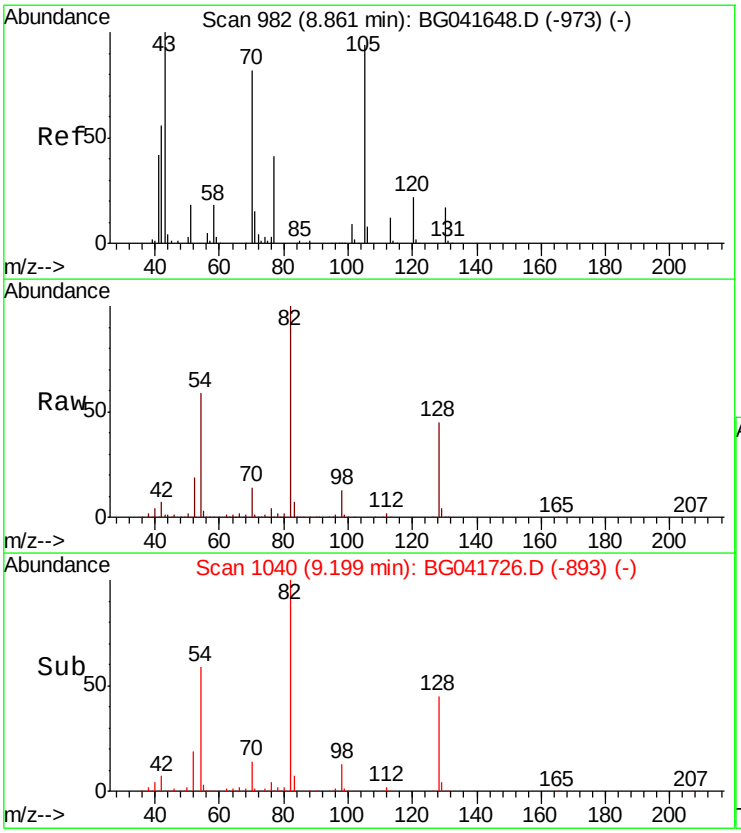
#7
Phenol-d6
Concen: 26.147 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 266057

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.6	26.4
71	32.7	27.8	41.6

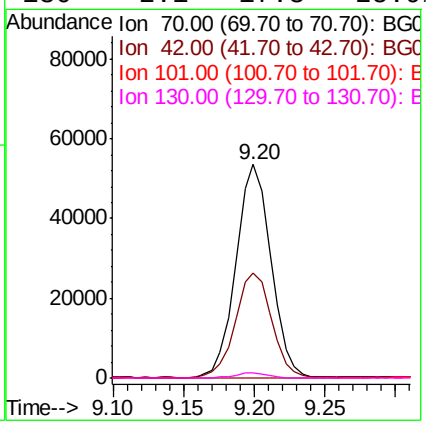


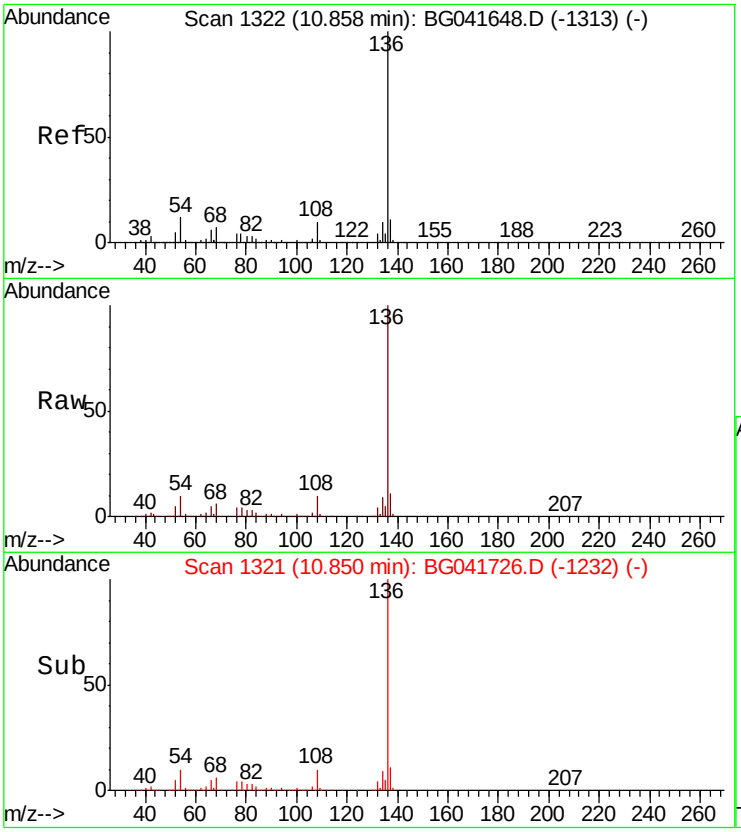


#19
n-Nitroso-di-n-propylamine
Concen: 12.535 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.33 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion: 70 Resp: 93228

Ion	Ratio	Lower	Upper
70	100		
42	49.1	55.8	83.6#
101	0.0	8.1	12.1#
130	2.1	17.3	25.9#



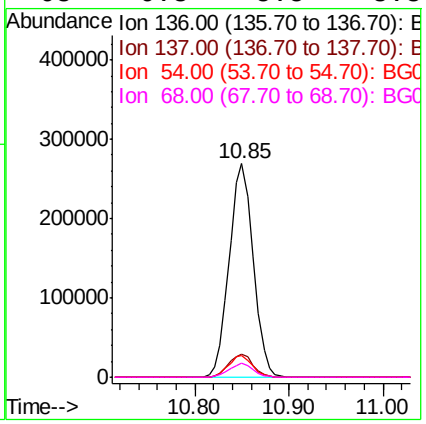


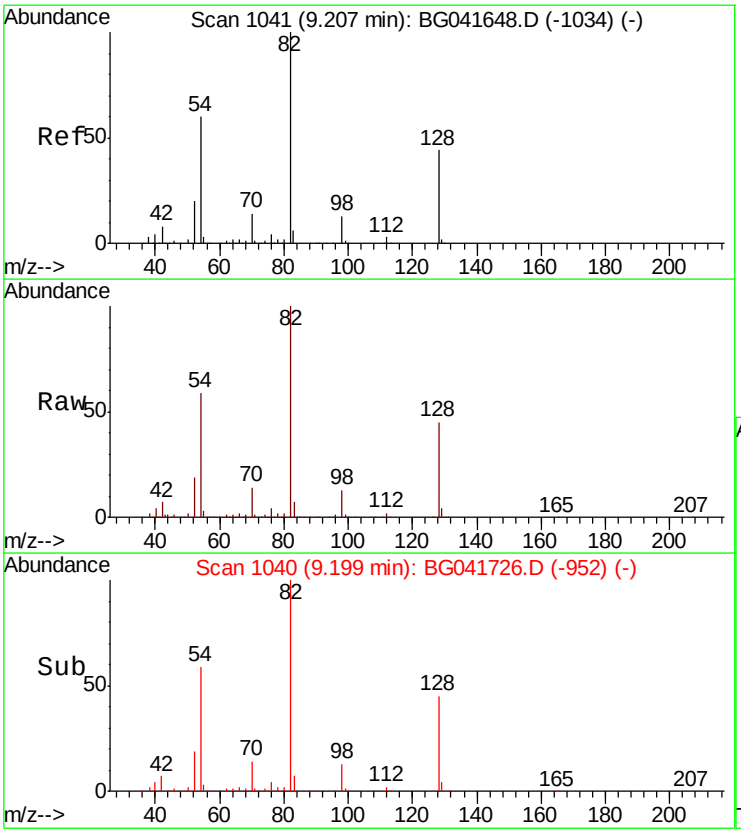
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 478757

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.5	8.7	13.1
68	6.3	5.5	8.3

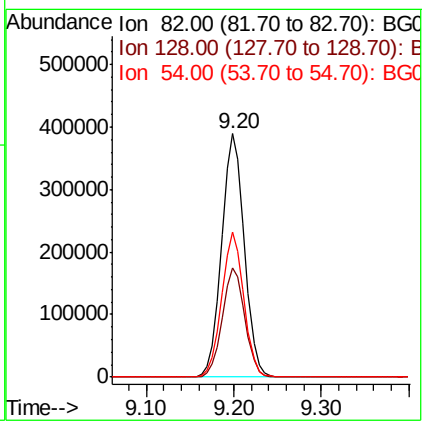


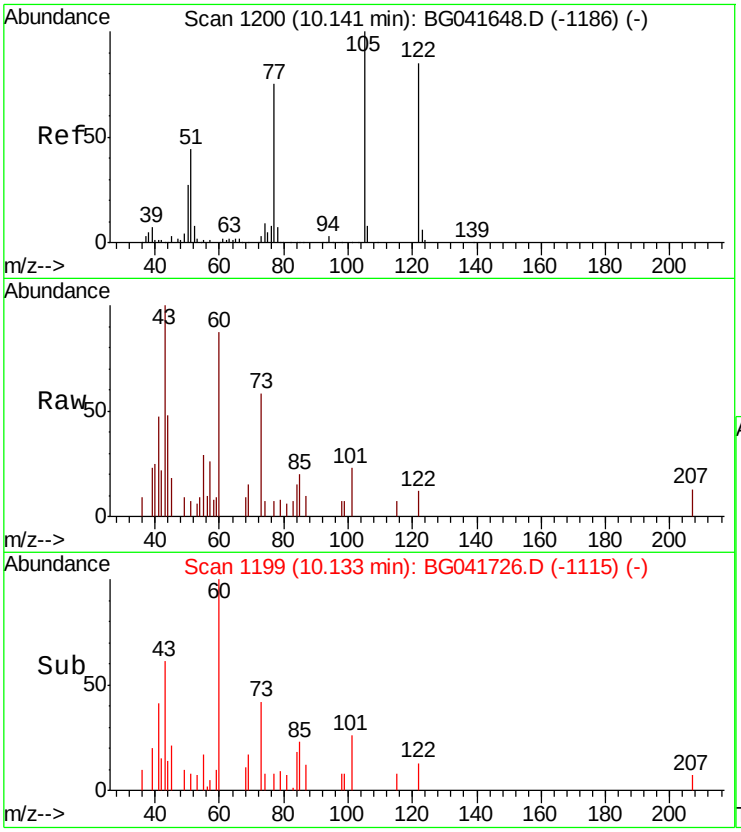


#23
Nitrobenzene-d5
Concen: 88.134 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion: 82 Resp: 693823

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	59.4	48.7	73.1



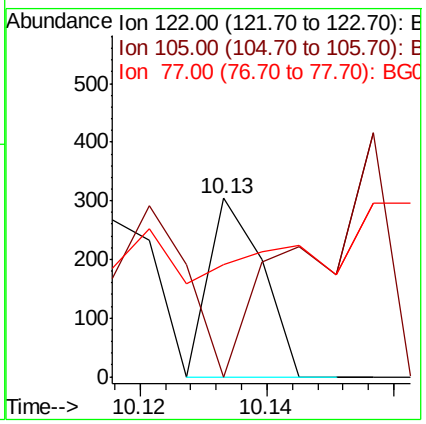


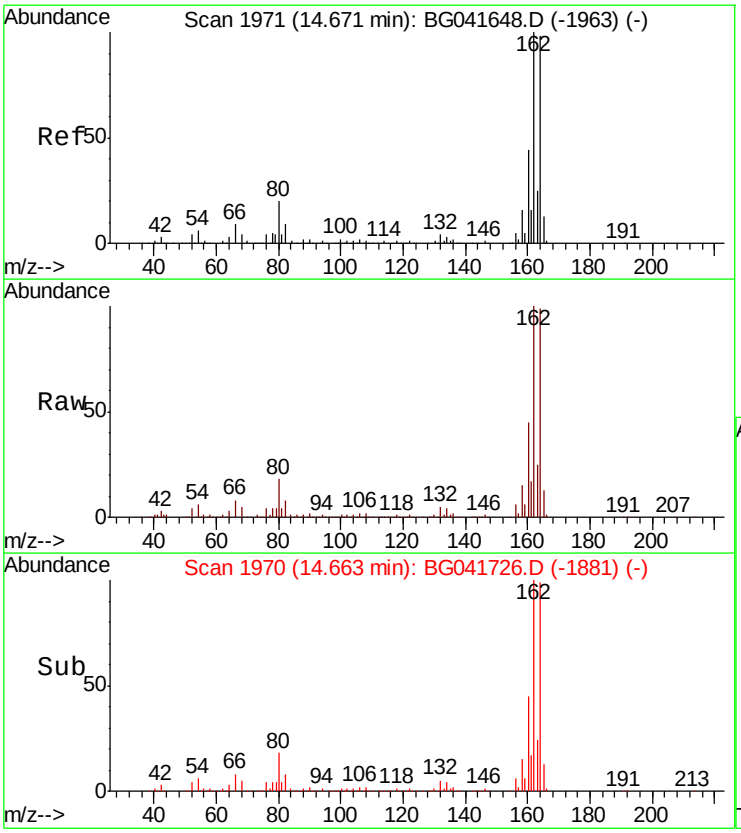
#32
Benzoic acid
Concen: 6.042 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 177

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	63.2	73.0	113.0#

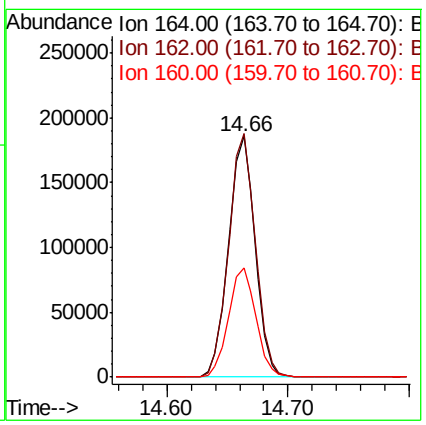


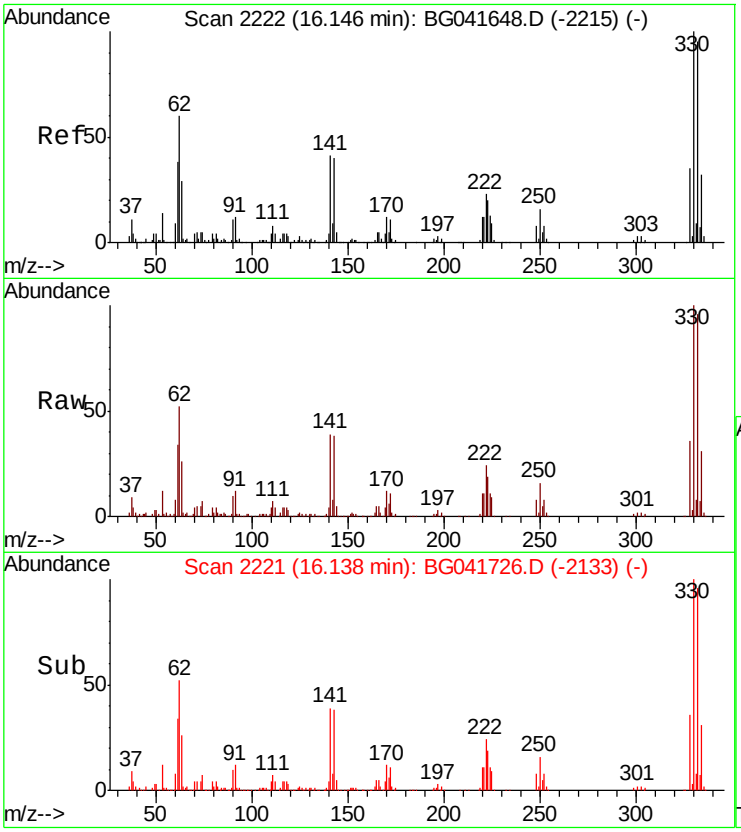


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:164 Resp: 285265

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.6	119.4
160	45.5	35.4	53.0



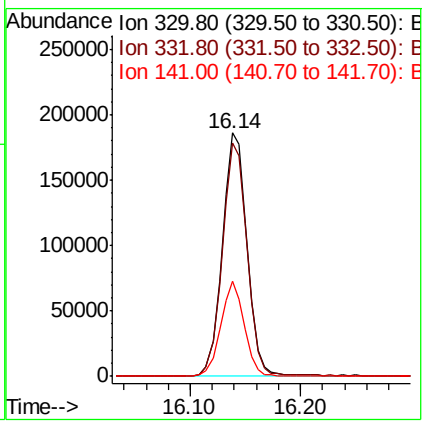


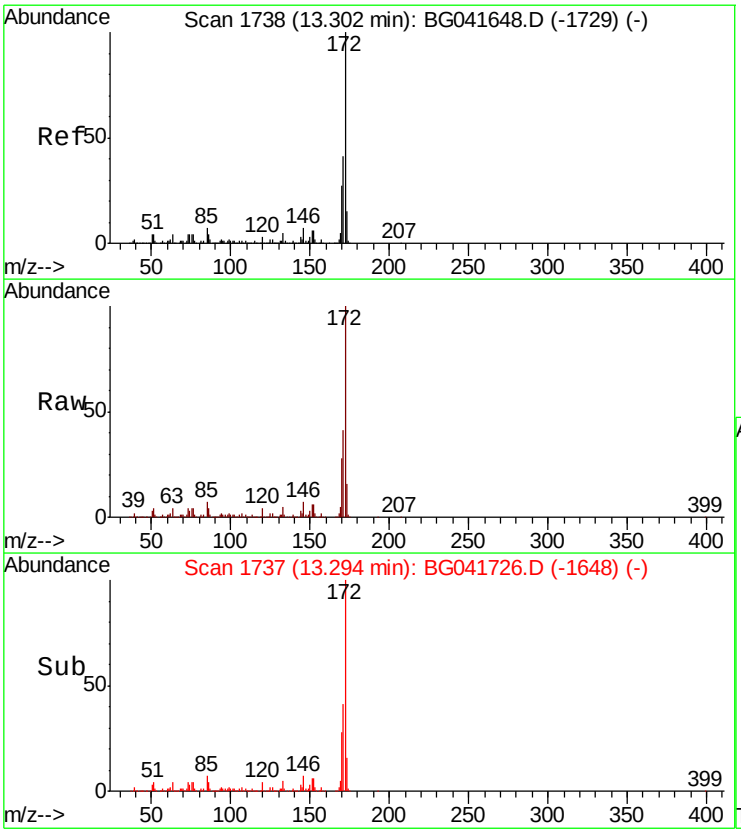
#42
2,4,6-Tribromophenol
Concen: 90.609 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 291299

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	37.3	31.9	47.9

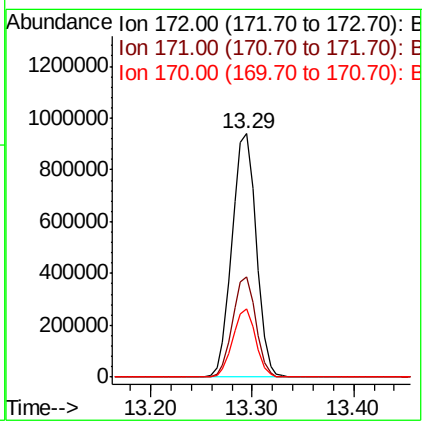


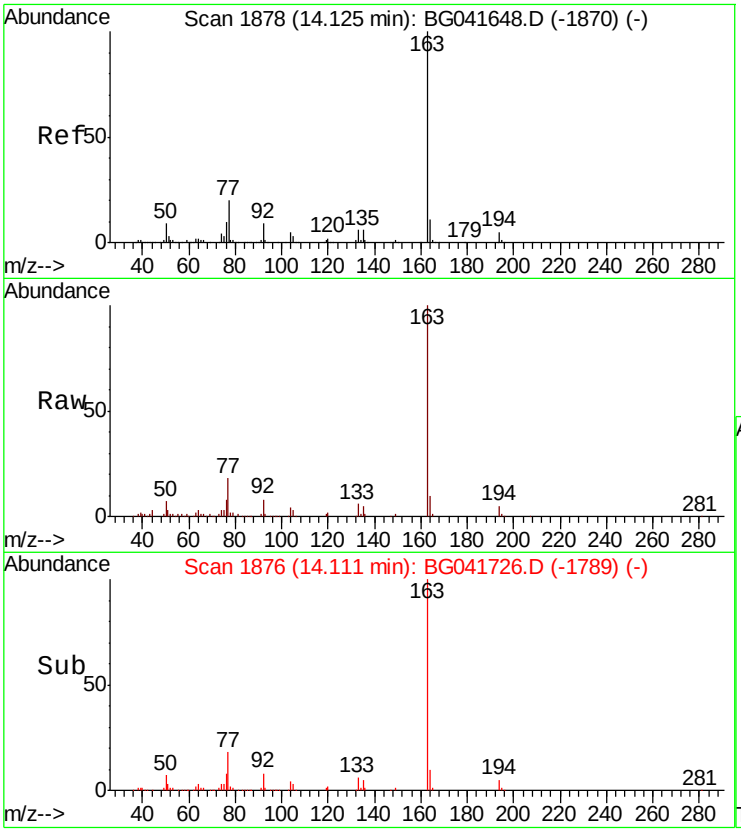


#45
2-Fluorobiphenyl
Concen: 84.794 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:172 Resp: 1562072

Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.0	52.4
170	27.8	23.5	35.3



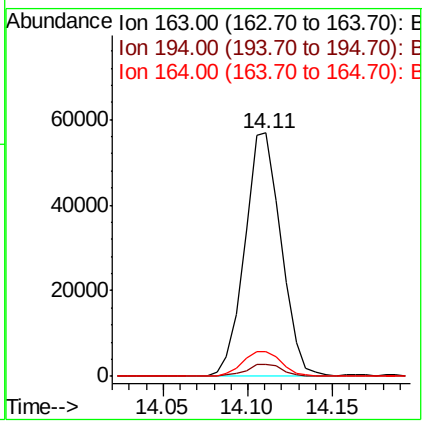


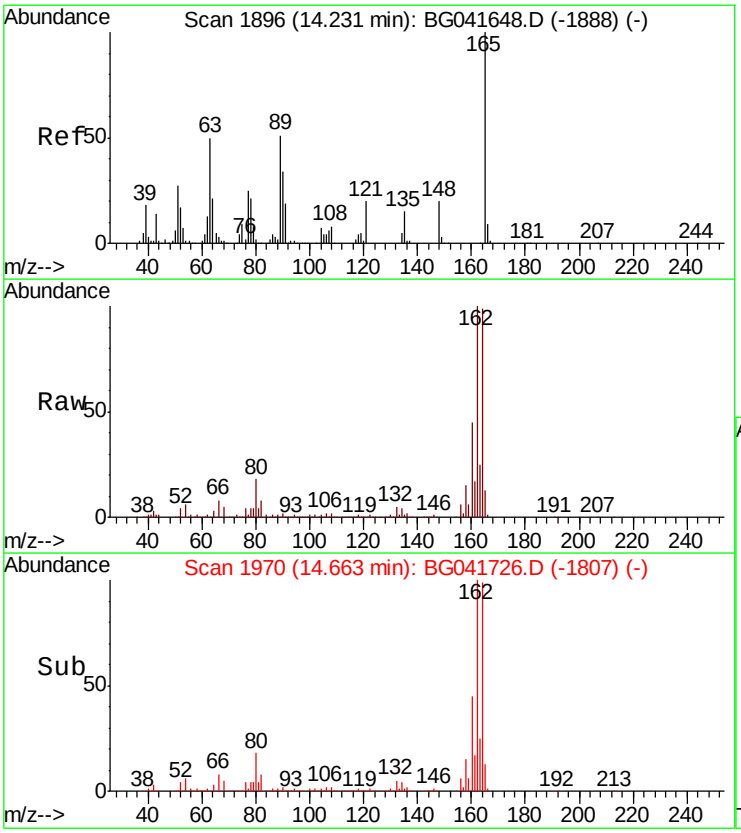
#50
Dimethylphthalate
Concen: 3.808 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 85324

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.3	9.4	14.2

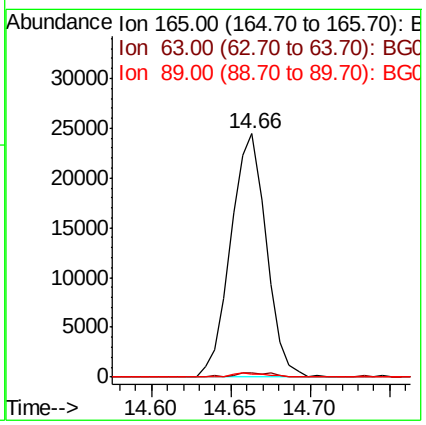


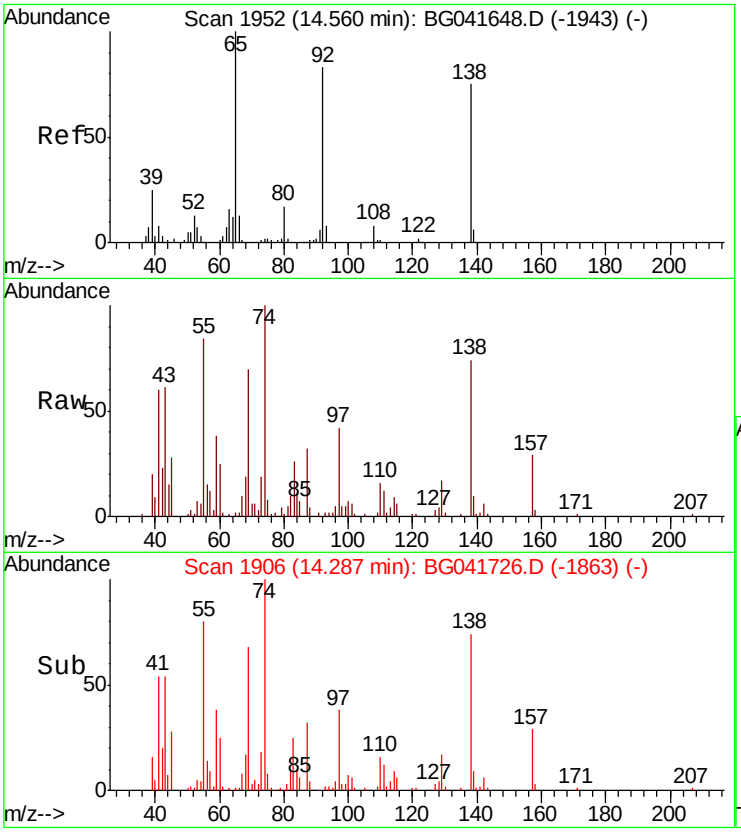


#51
2,6-Dinitrotoluene
Concen: 7.968 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:165 Resp: 37865

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.4	63.6#
89	1.3	42.1	63.1#



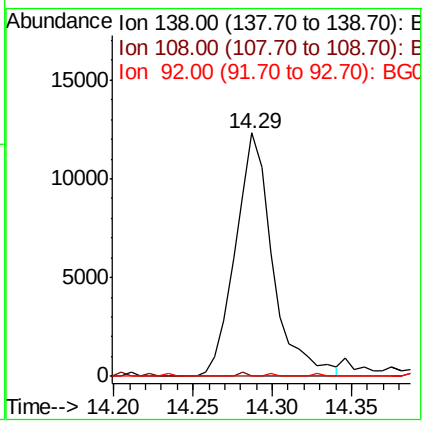


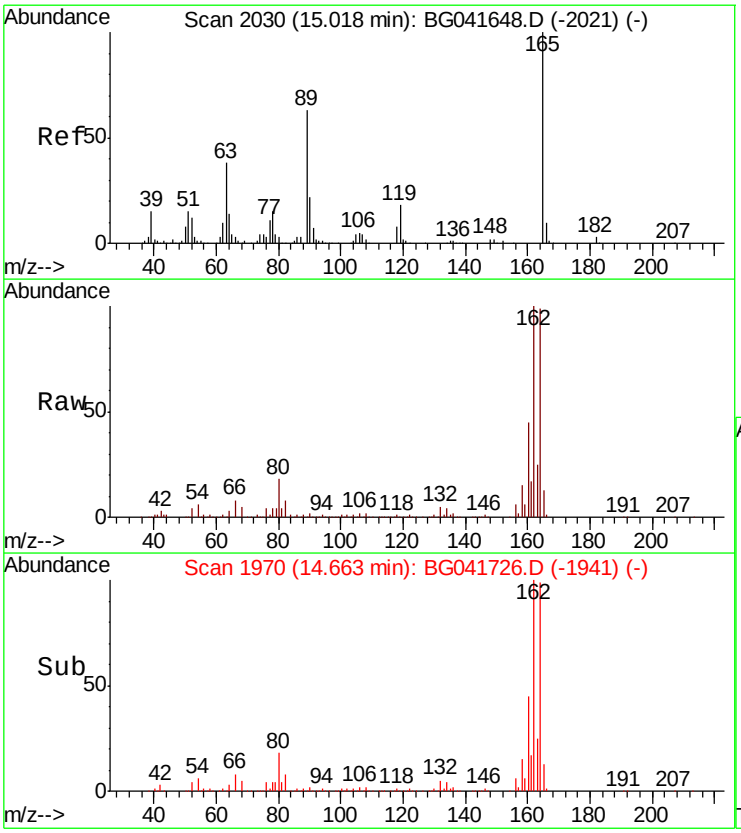
#53
3-Nitroaniline
Concen: 3.864 ng
RT: 14.29 min Scan# 1906
Delta R.T. -0.28 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 20045

Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.3	15.5#
92	0.0	93.0	139.4#

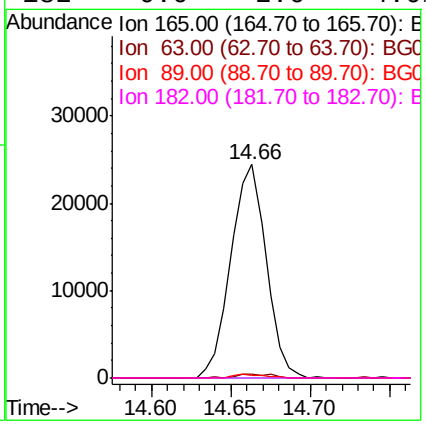


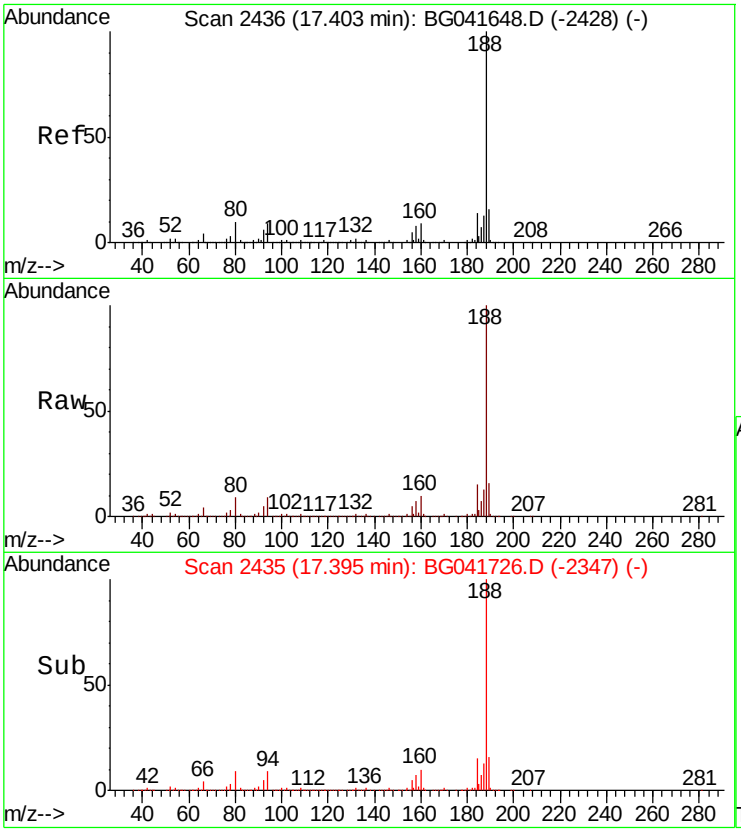


#57
2,4-Dinitrotoluene
Concen: 6.028 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:165 Resp: 37865

Ion	Ratio	Lower	Upper
165	100		
63	1.6	31.7	47.5#
89	1.3	50.2	75.4#
182	0.0	2.6	4.0#



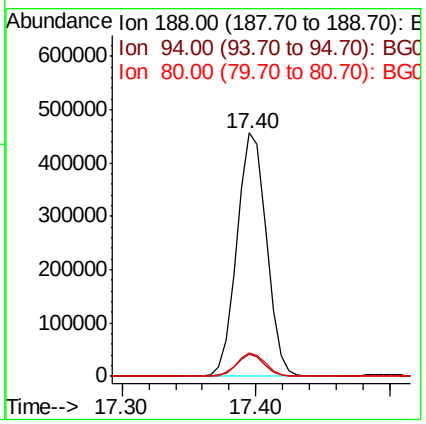


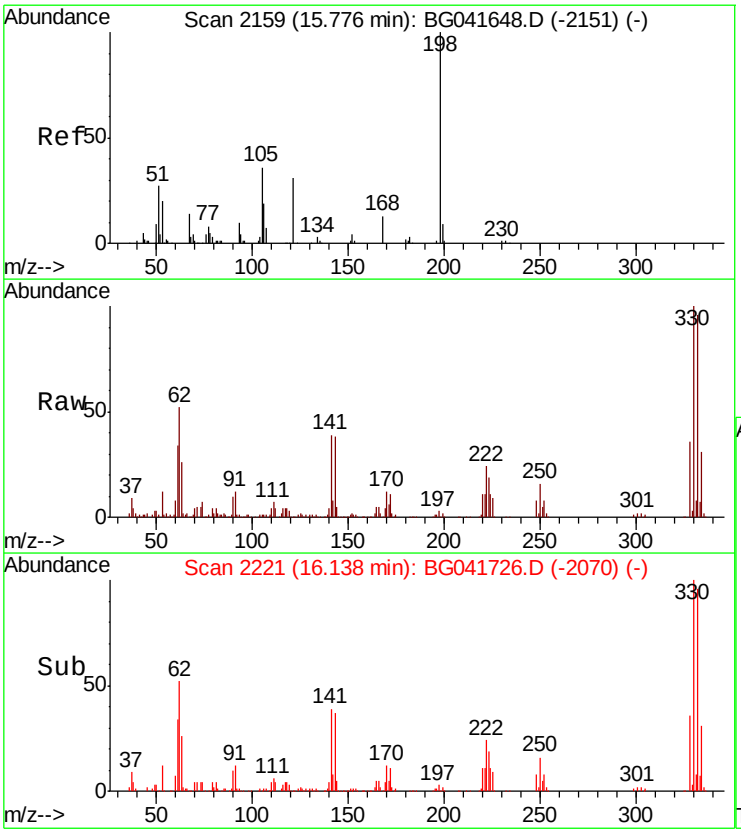
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 696613

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	9.5	8.0	12.0

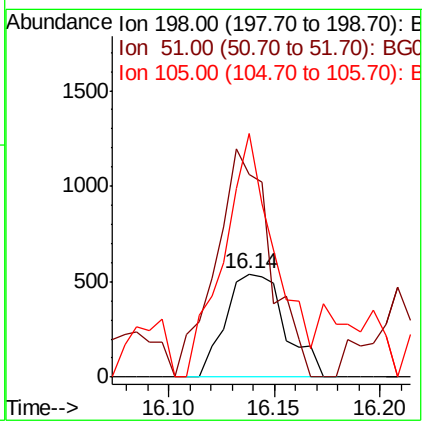


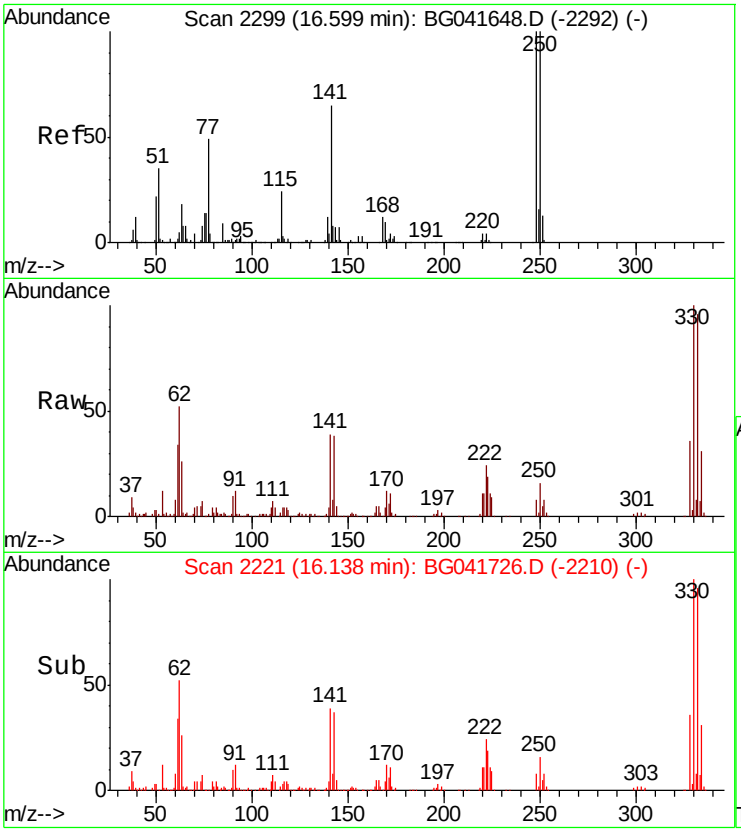


#65
4,6-Dinitro-2-methylphenol
Concen: 6.947 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:198 Resp: 1050

Ion	Ratio	Lower	Upper
198	100		
51	196.1	22.3	62.3#
105	236.1	18.0	58.0#



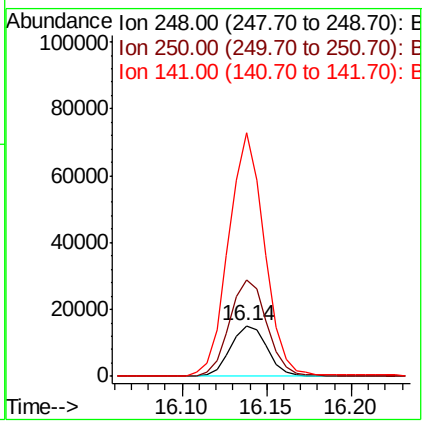


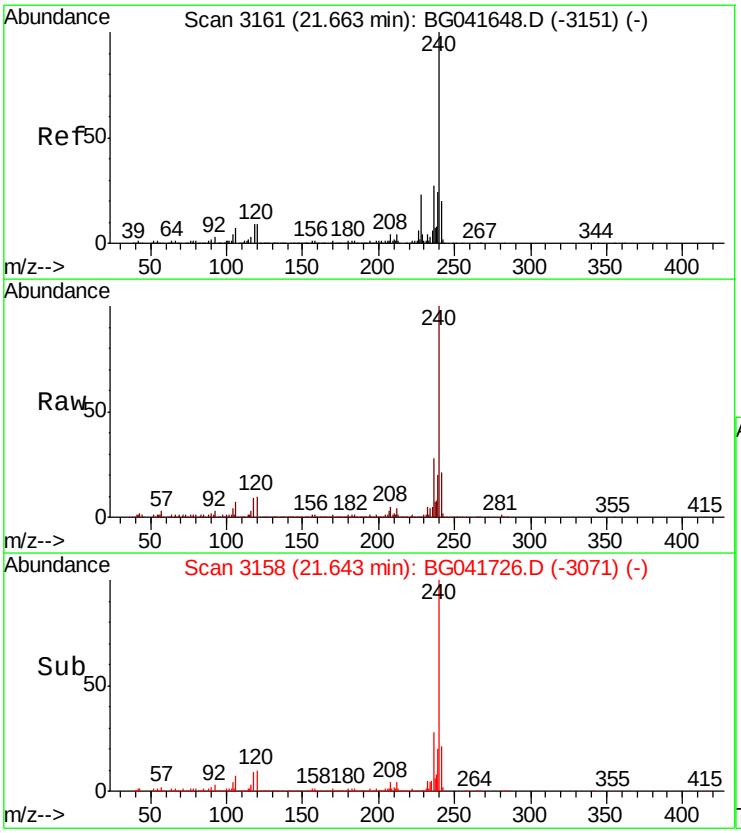
#67
4-Bromophenyl-phenylether
Concen: 2.747 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.47 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22766

Ion	Ratio	Lower	Upper
248	100		
250	191.1	78.1	117.1#
141	481.9	49.6	74.4#

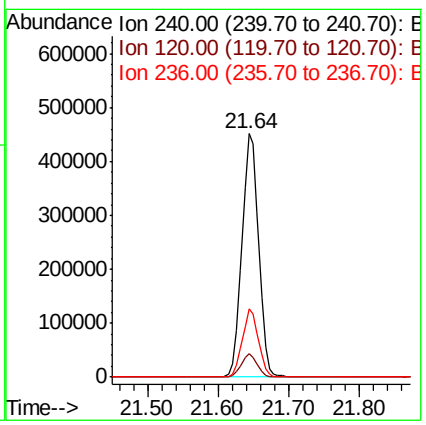


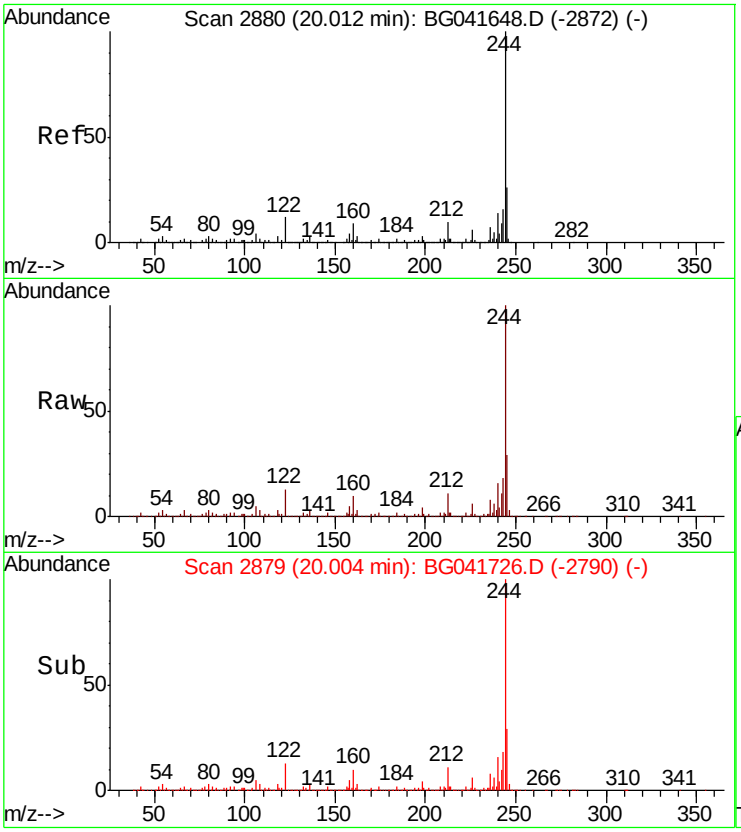


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:240 Resp: 737869

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.0	12.0
236	27.8	22.6	33.8



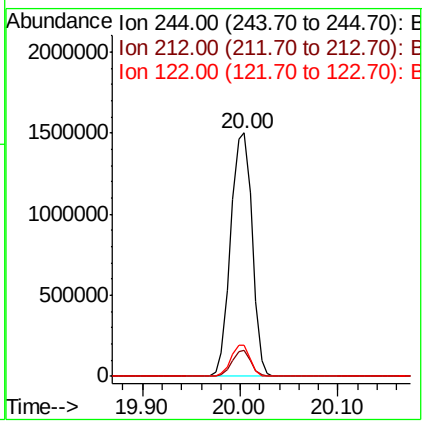


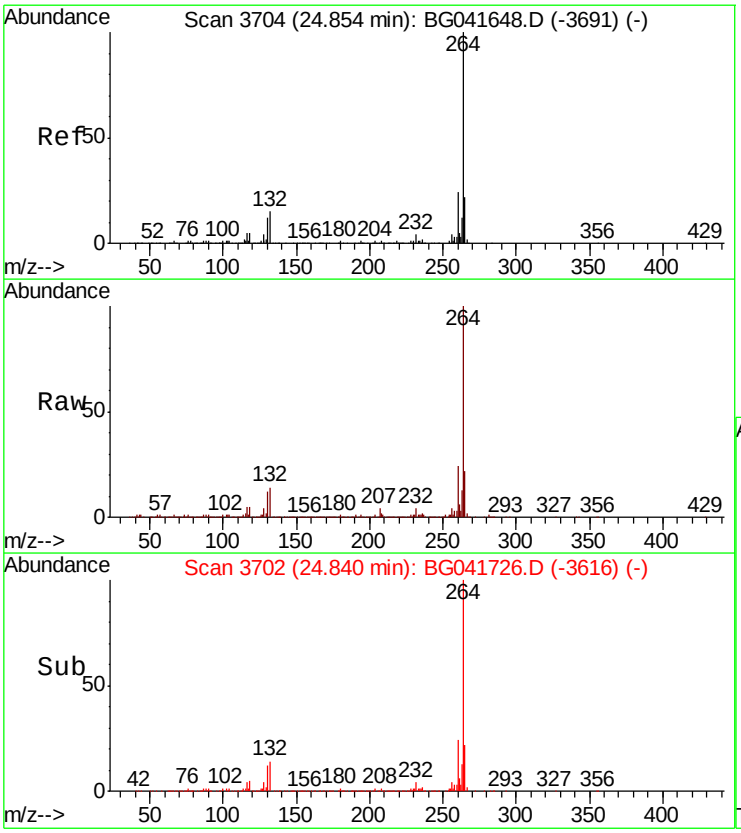
#79
Terphenyl-d14
Concen: 72.656 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2294118

Ion	Ratio	Lower	Upper
244	100		
212	10.7	9.7	14.5
122	12.5	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041726.D
Acq: 19 Jul 2019 9:16

Tgt Ion:264 Resp: 867818

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	18.0	27.0