Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041848.D
Acq On : 1 Aug 2019 00:36
Operator : HP/JU
Sample : K4044-06RX
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5

Quant Time: Aug 01 01:51:37 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	46016	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195038	20.00	ng	-0.01
39) Acenaphthene-d10	14.70	164	166544	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	571053	20.00	ng	0.00
76) Chrysene-d12	21.73	240	693308	20.00	ng	0.00
87) Perylene-d12	25.00	264	738198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	350937	148.38	ng	0.00
7) Phenol-d6	7.19	99	463864	145.48	ng	0.00
23) Nitrobenzene-d5	9.21	82	321818	113.55	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	402059	212.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	920223	97.45	ng	-0.01
79) Terphenyl-d14	20.06	244	2839684	93.72	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	42191	18.226	ng	# 65
50) Dimethylphthalate	14.15	163	25157	2.212	ng	# 94
51) 2,6-Dinitrotoluene	14.70	165	21802	9.167	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	21802	6.666	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.18	198	1120	7.196	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	30303	4.308	ng	# 1
77) Benzidine	20.06	184	54981	2.430	ng	# 92

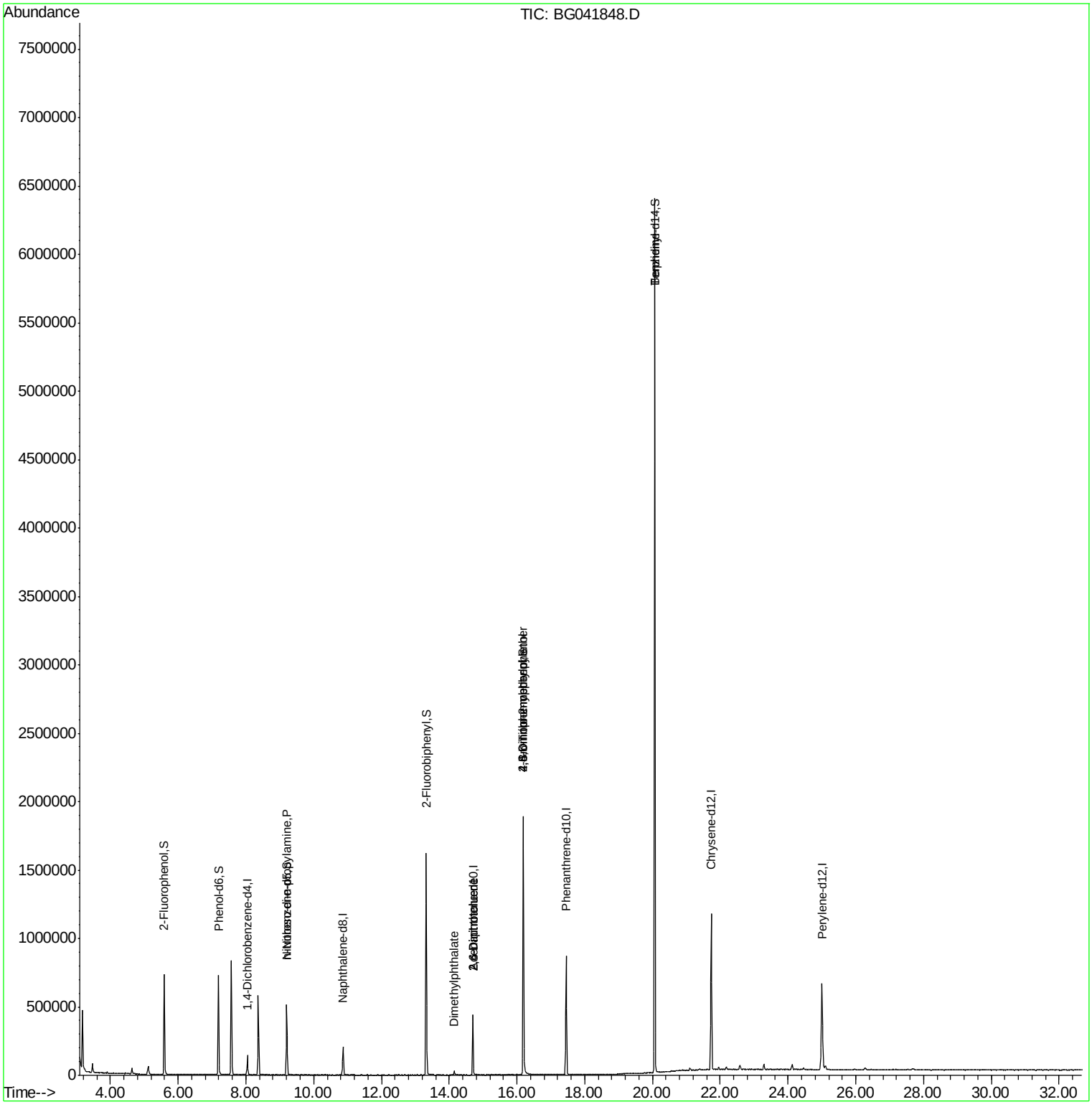
(#) = qualifier out of range (m) = manual integration (+) = signals summed

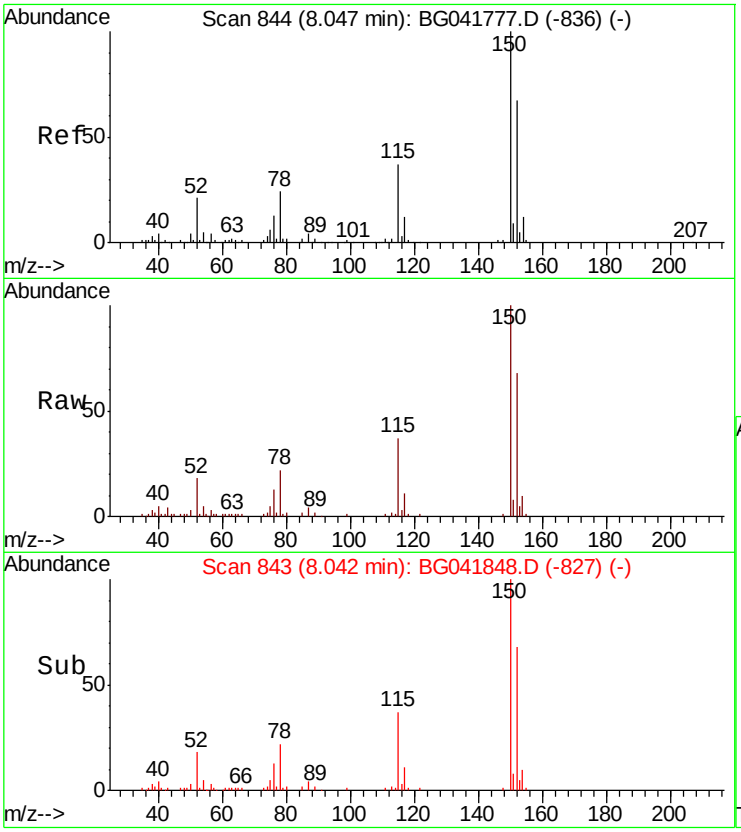
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041848.D
Acq On : 1 Aug 2019 00:36
Operator : HP/JU
Sample : K4044-06RX
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5

Quant Time: Aug 01 01:51:37 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



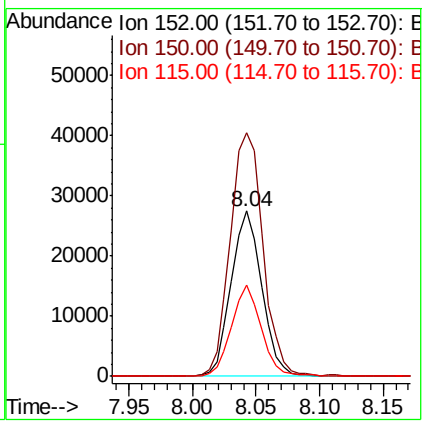


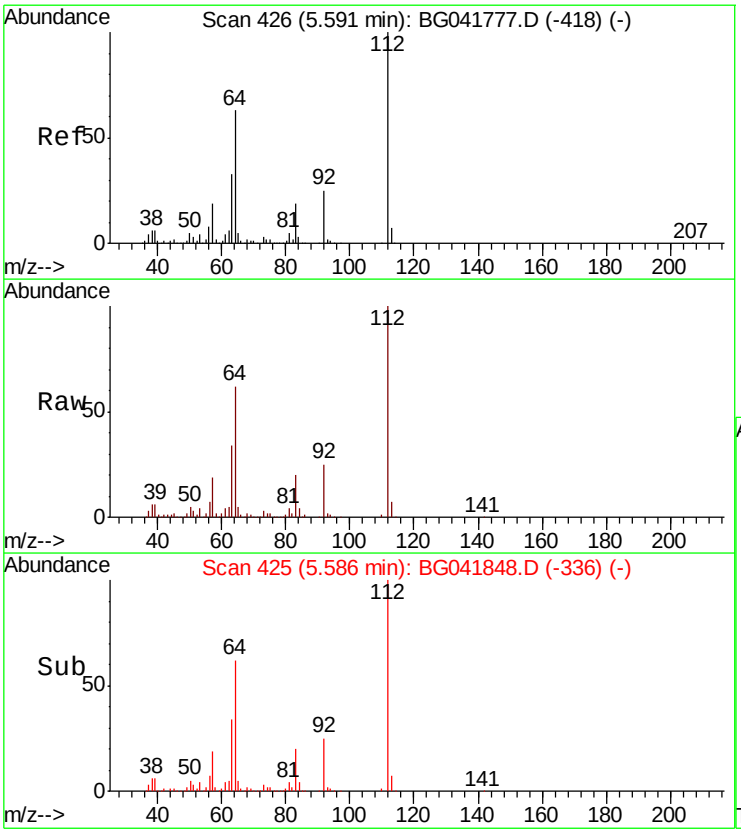
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 46016

Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.9	190.3
115	55.3	45.0	67.6

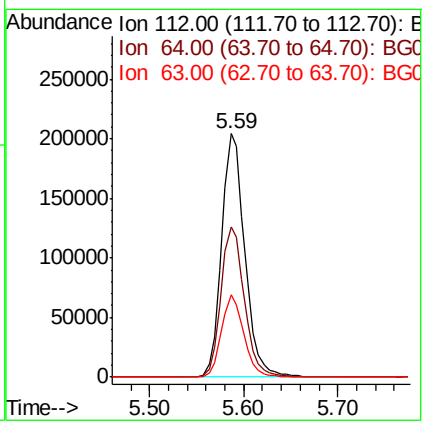


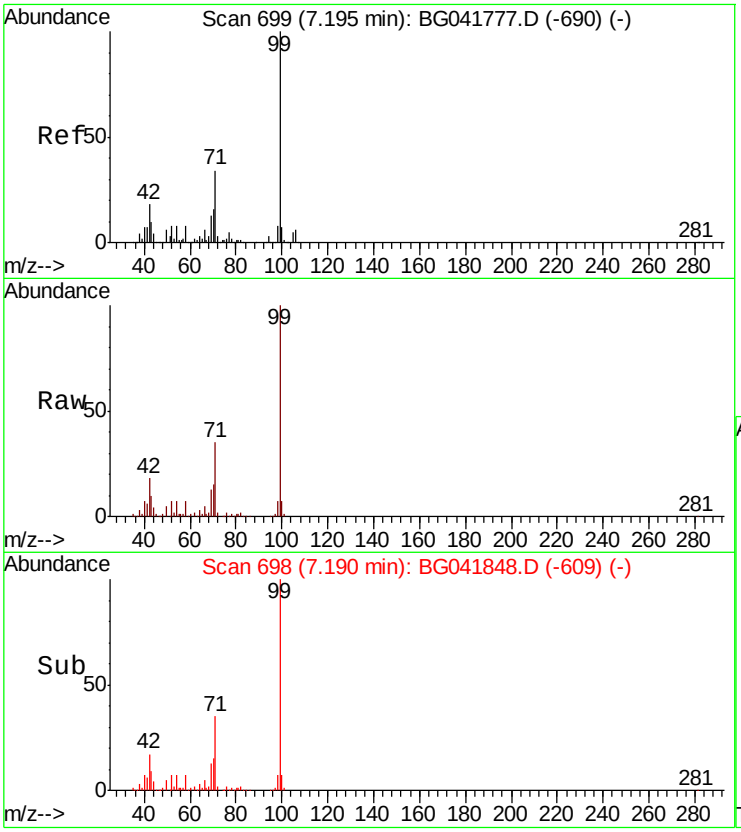


#5
2-Fluorophenol
Concen: 148.381 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:112 Resp: 350937

Ion	Ratio	Lower	Upper
112	100		
64	61.7	55.4	83.2
63	33.7	29.1	43.7



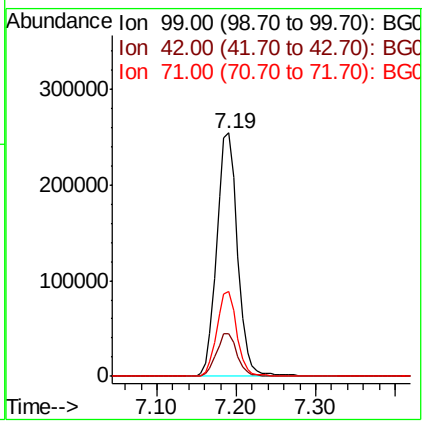


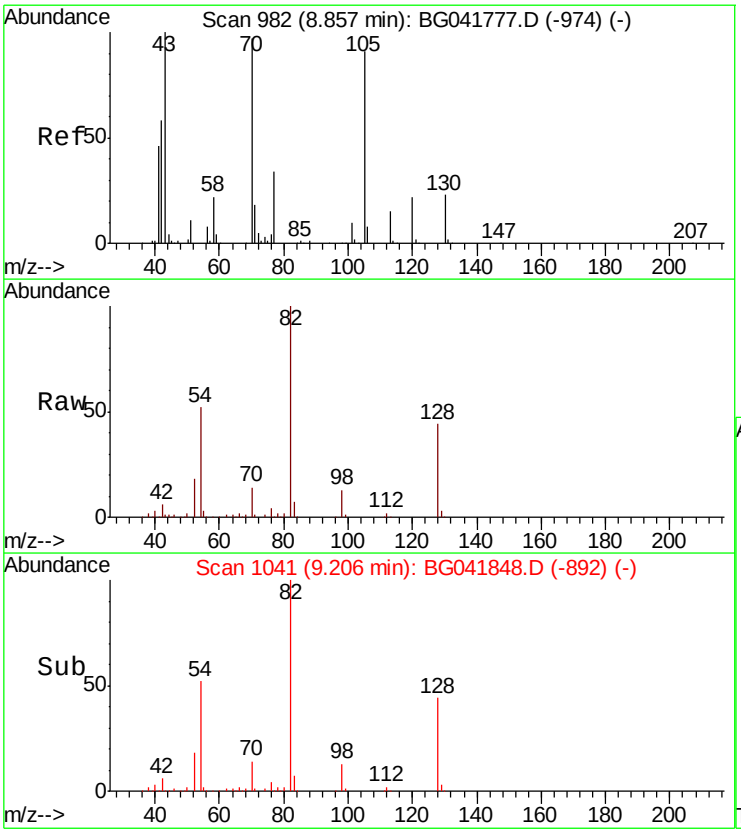
#7
Phenol-d6
Concen: 145.478 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 463864

Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.6	26.4
71	35.1	27.8	41.6

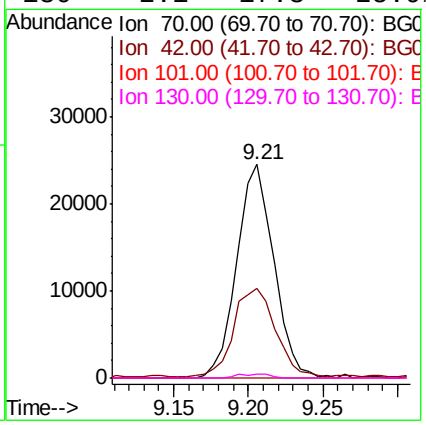


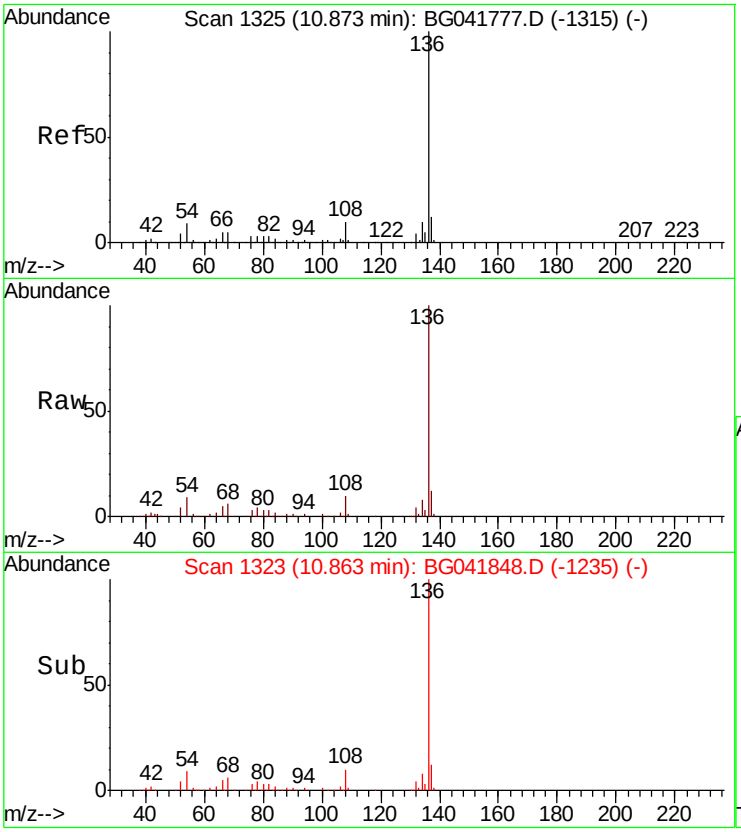


#19
n-Nitroso-di-n-propylamine
Concen: 18.226 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion: 70 Resp: 42191

Ion	Ratio	Lower	Upper
70	100		
42	42.0	55.8	83.6#
101	0.0	8.1	12.1#
130	2.1	17.3	25.9#



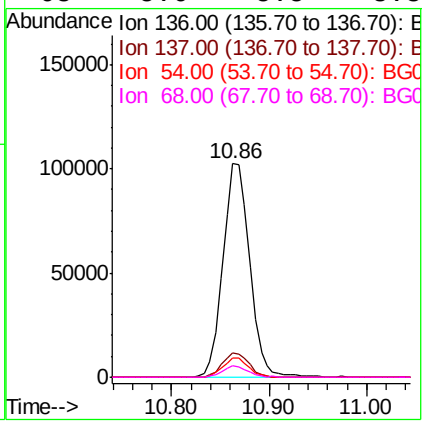


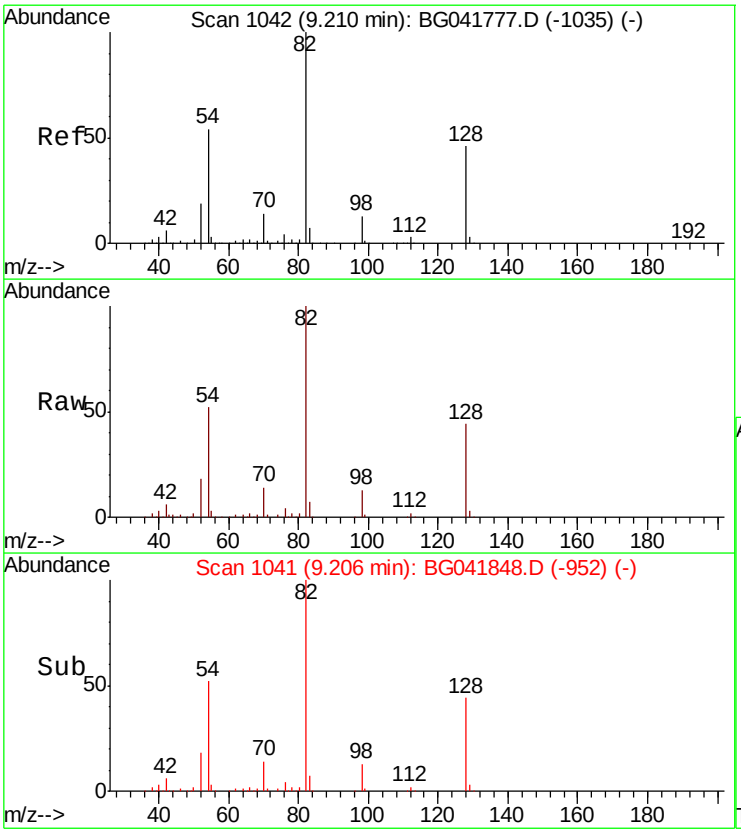
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 195038

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.9	8.7	13.1
68	5.6	5.5	8.3

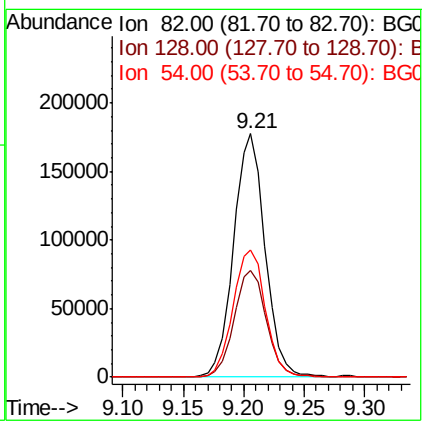


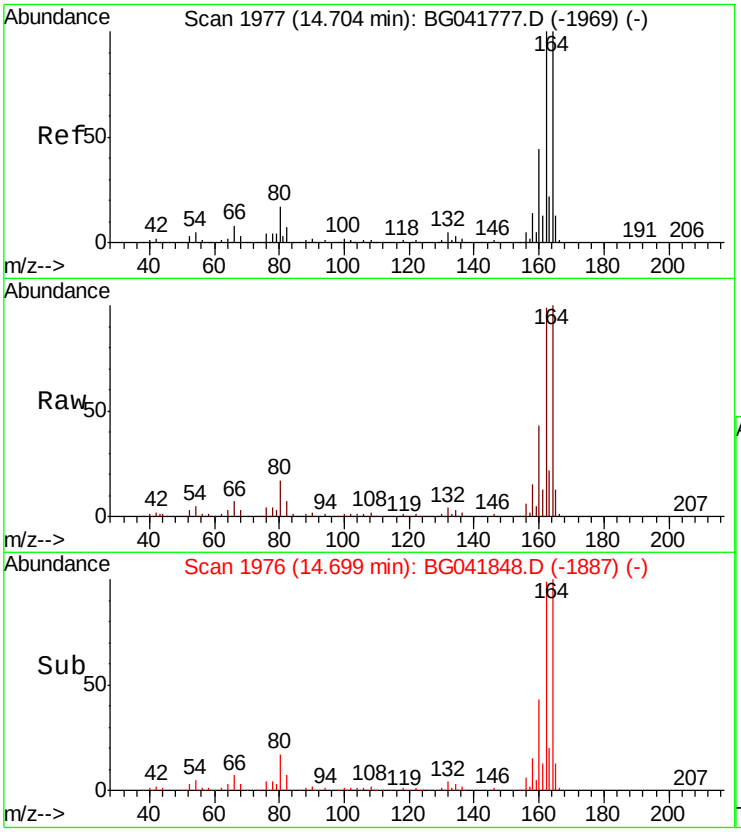


#23
Nitrobenzene-d5
Concen: 113.549 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion: 82 Resp: 321818

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	52.4	48.7	73.1



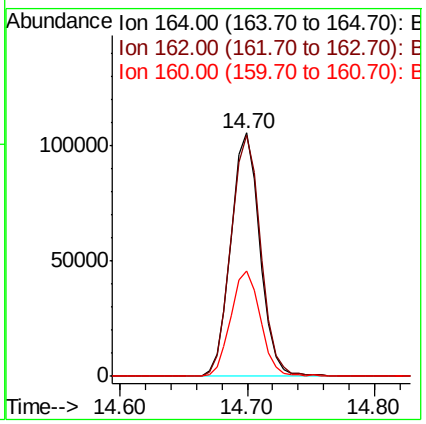


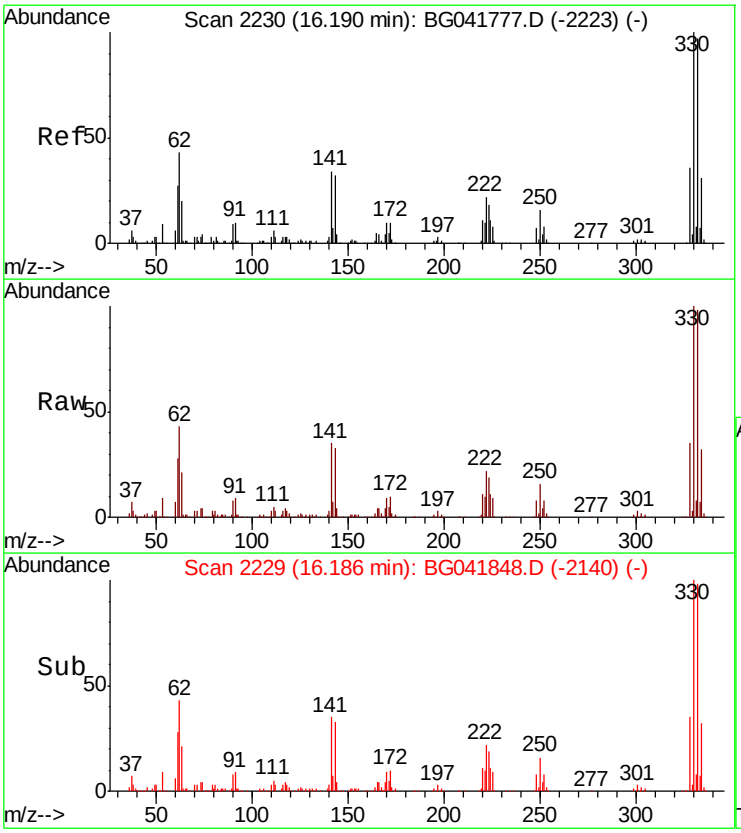
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:164 Resp: 166544

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.6	119.4
160	43.2	35.4	53.0

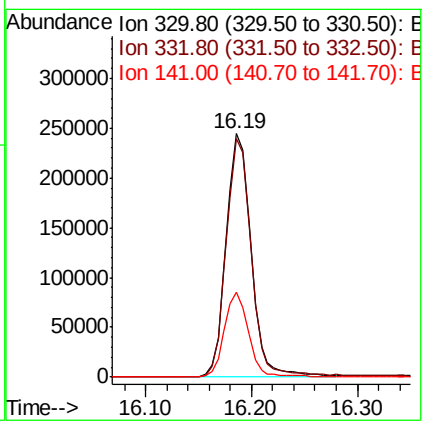


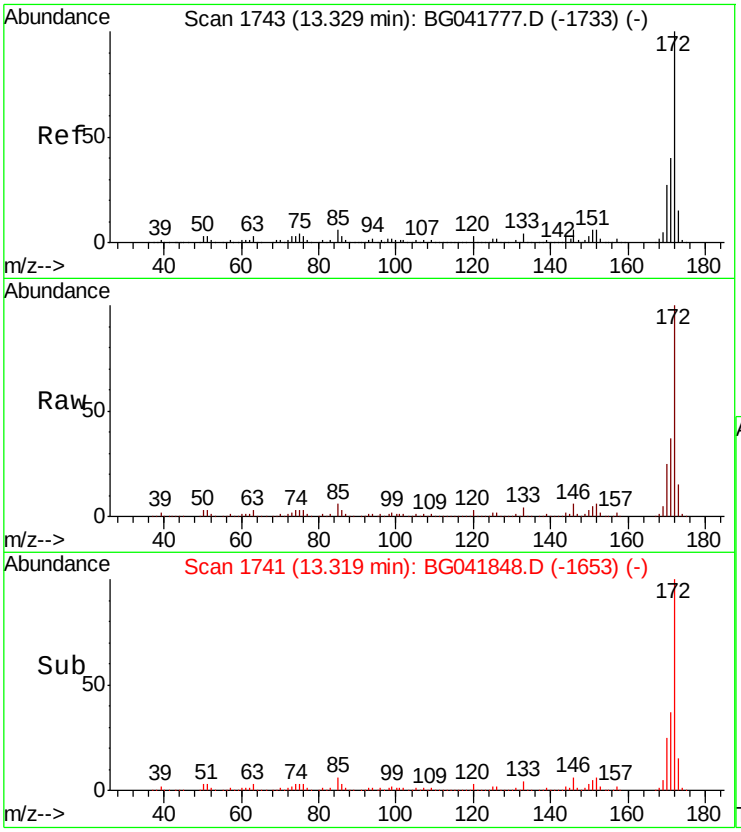


#42
2,4,6-Tribromophenol
Concen: 212.537 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:330 Resp: 402059

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.4	116.0
141	33.9	31.9	47.9



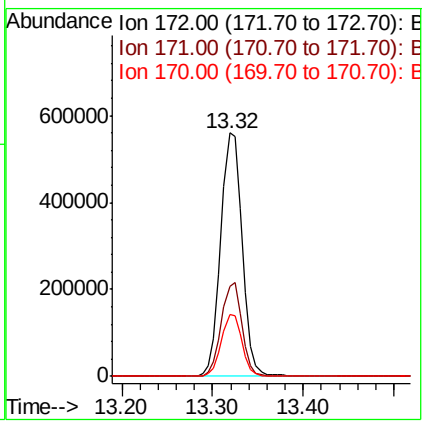


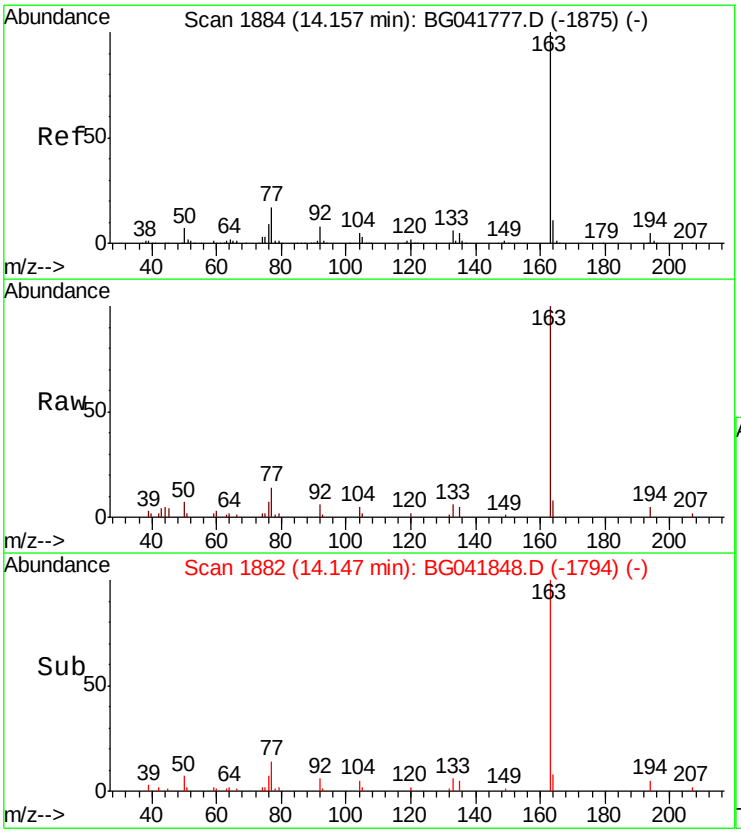
#45
2-Fluorobiphenyl
Concen: 97.453 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:172 Resp: 920223

Ion	Ratio	Lower	Upper
172	100		
171	37.2	35.0	52.4
170	25.2	23.5	35.3

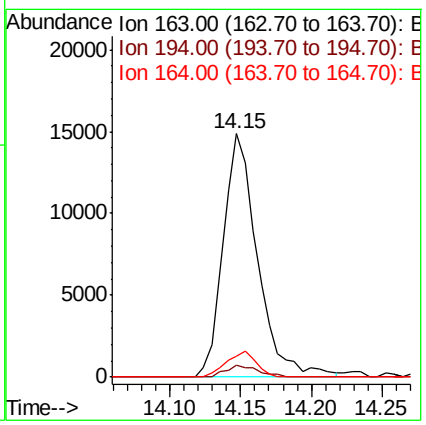


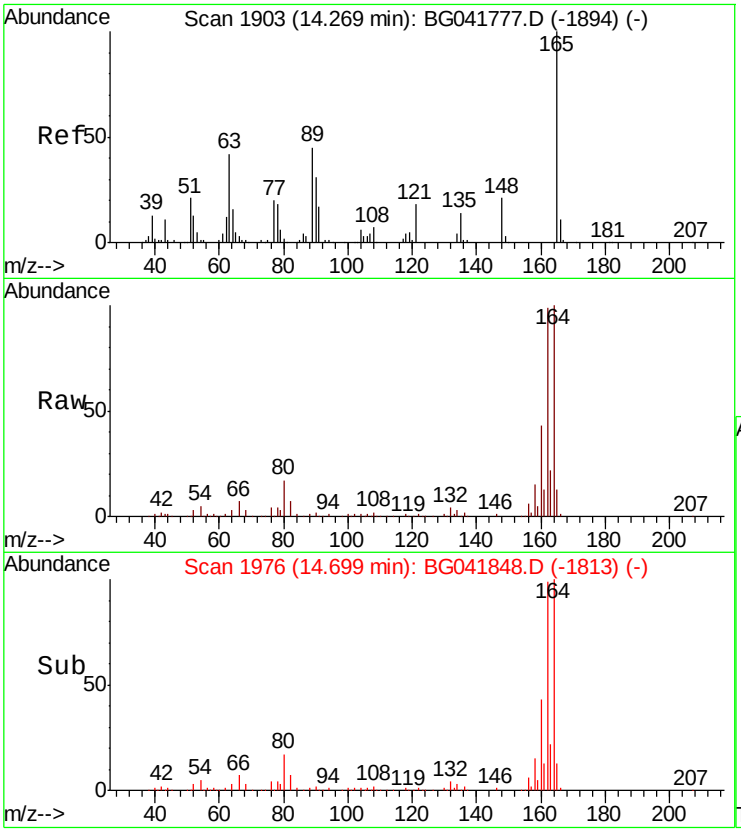


#50
Dimethylphthalate
Concen: 2.212 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:163 Resp: 25157

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	8.4	9.4	14.2#



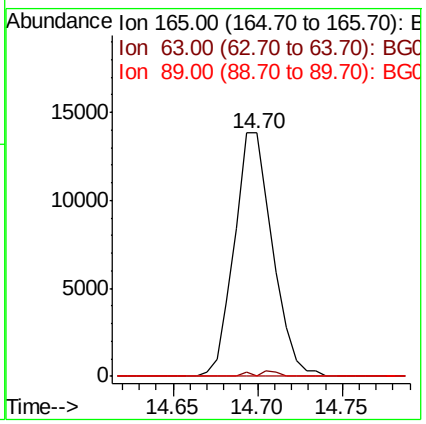


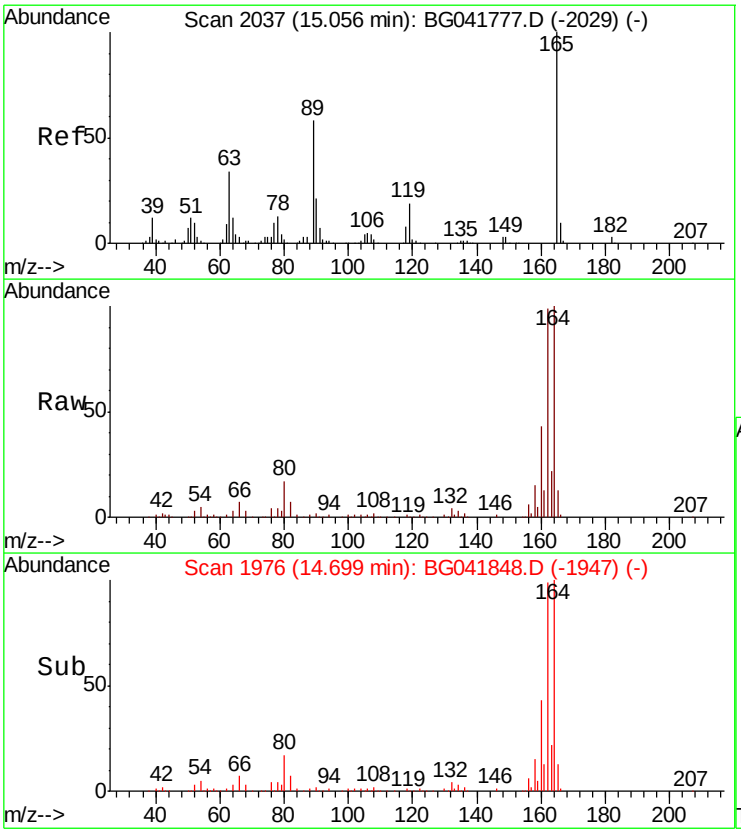
#51
2,6-Dinitrotoluene
Concen: 9.167 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.43 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:165 Resp: 21802

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

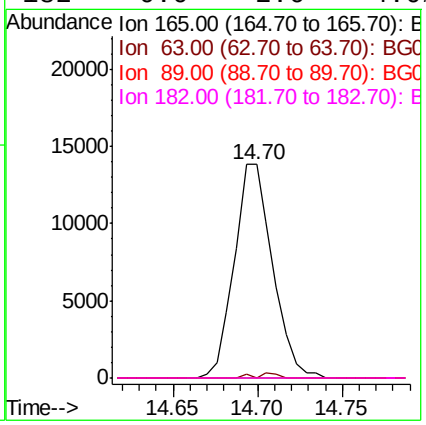


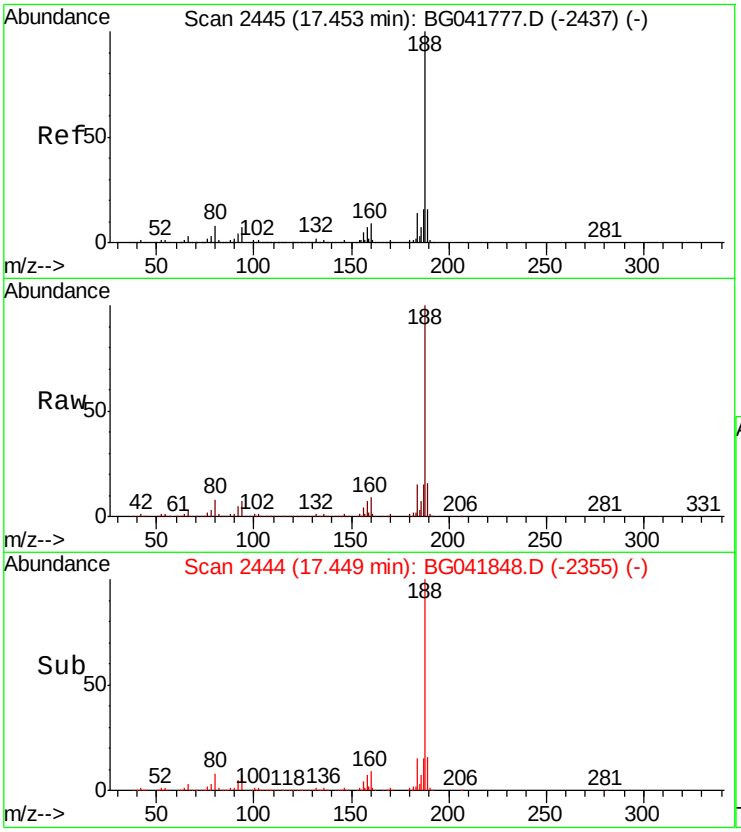


#57
2,4-Dinitrotoluene
Concen: 6.666 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:165 Resp: 21802

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#



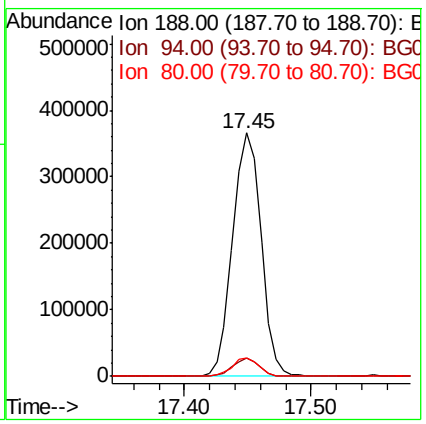


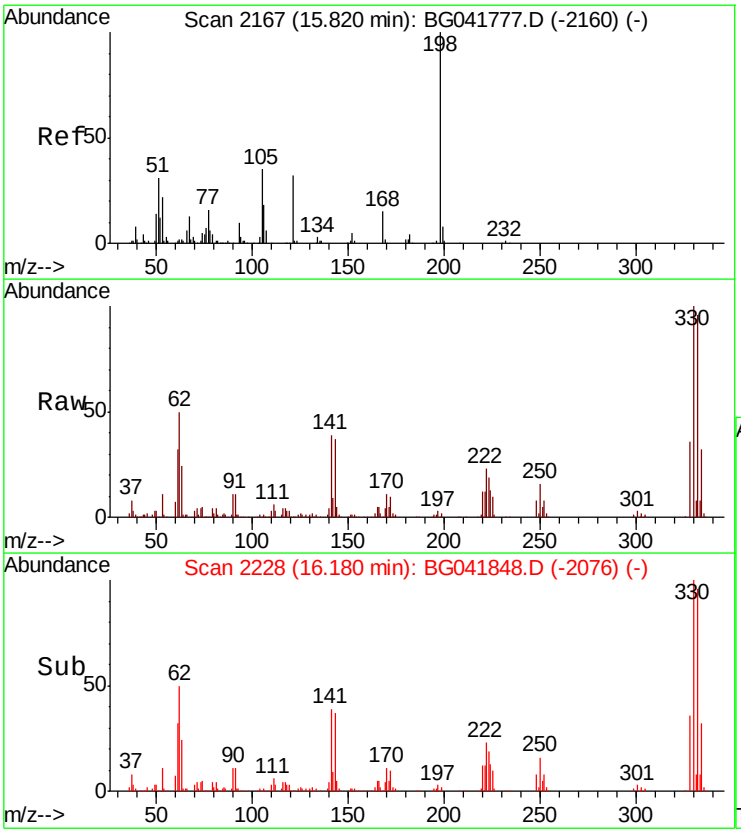
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 571053

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.7	8.0	12.0#

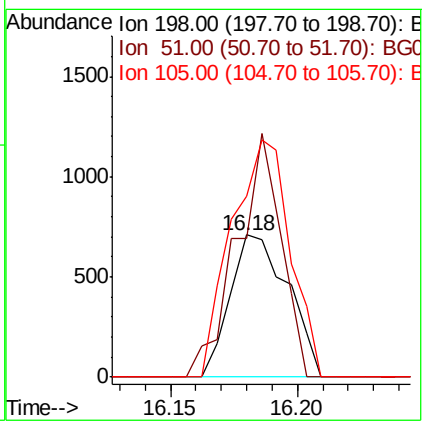


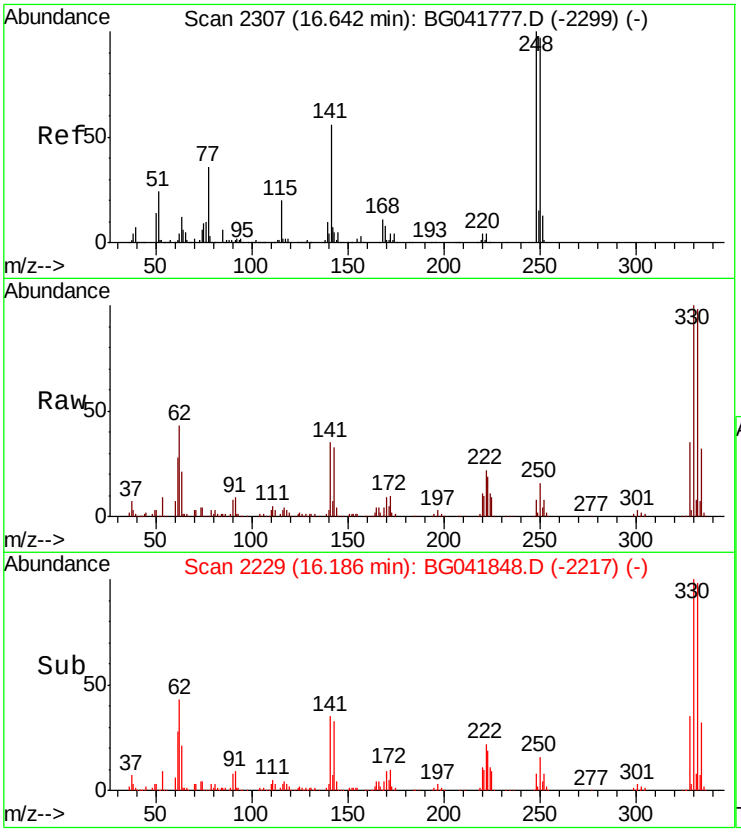


#65
4,6-Dinitro-2-methylphenol
Concen: 7.196 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.36 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:198 Resp: 1120

Ion	Ratio	Lower	Upper
198	100		
51	98.0	22.3	62.3#
105	127.4	18.0	58.0#



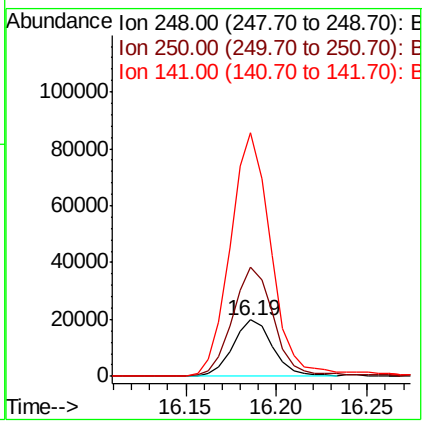


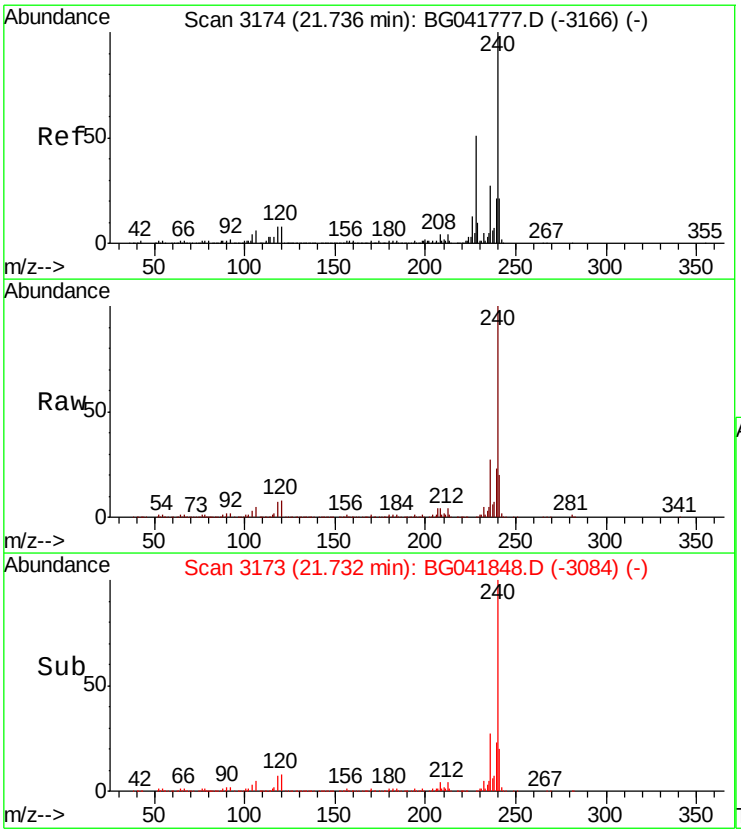
#67
4-Bromophenyl-phenylether
Concen: 4.308 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:248 Resp: 30303

Ion	Ratio	Lower	Upper
248	100		
250	194.9	78.1	117.1#
141	433.6	49.6	74.4#

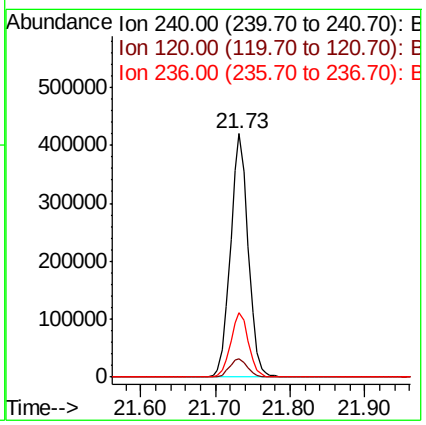


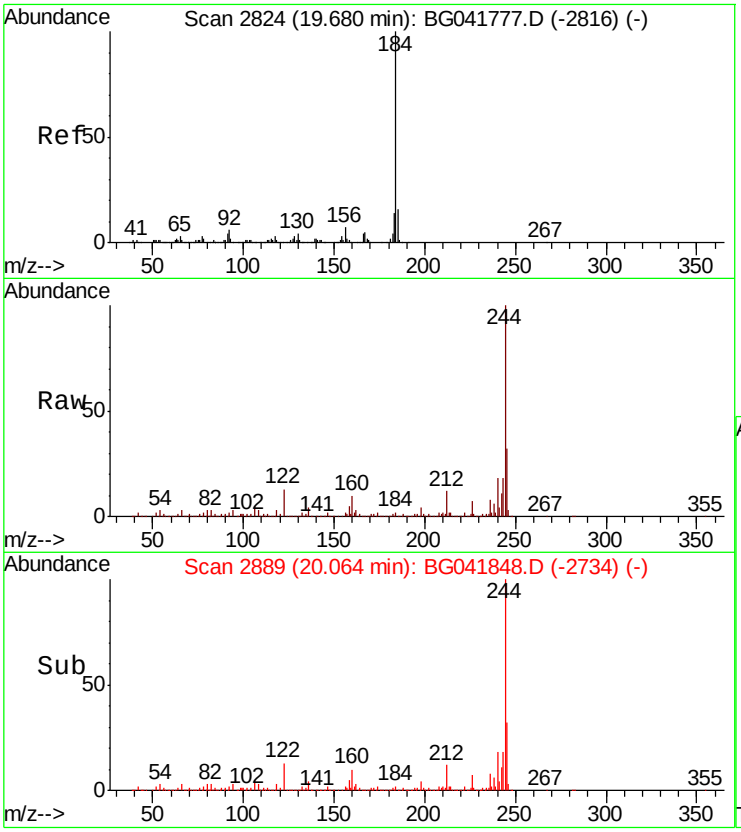


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:240 Resp: 693308

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.0	12.0#
236	26.5	22.6	33.8



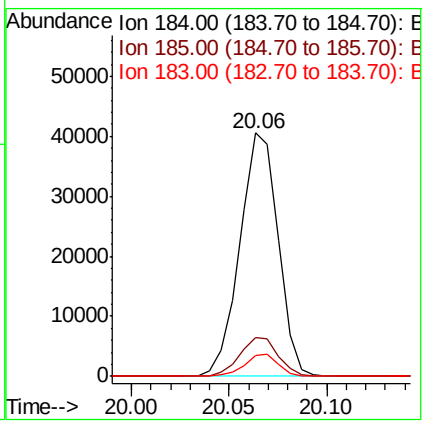


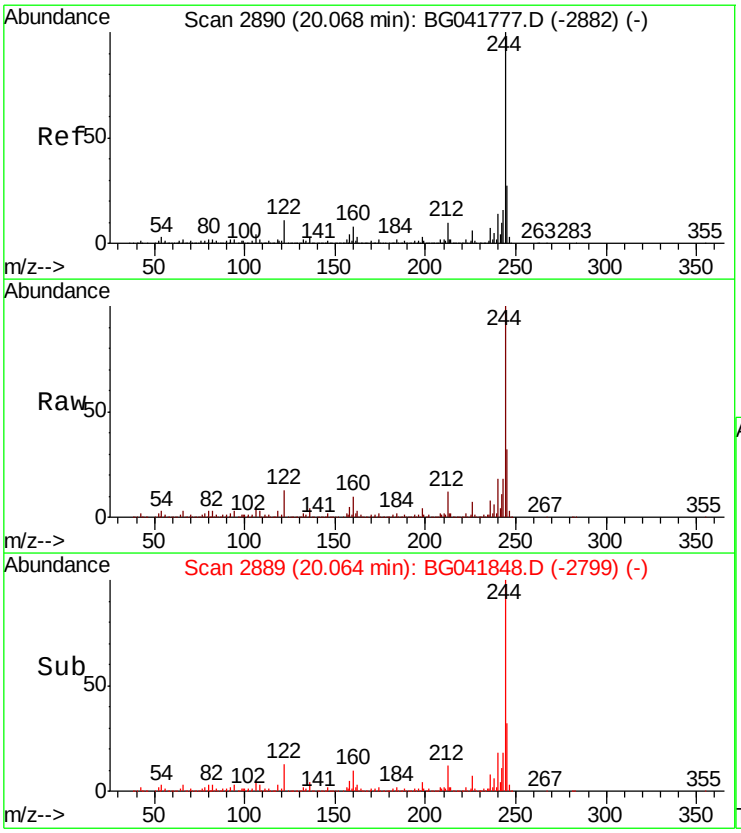
#77
Benzidine
Concen: 2.430 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.38 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:184 Resp: 54981

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.0	19.4
183	8.5	11.8	17.6#

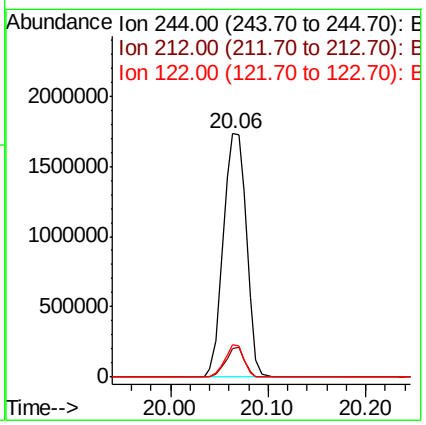


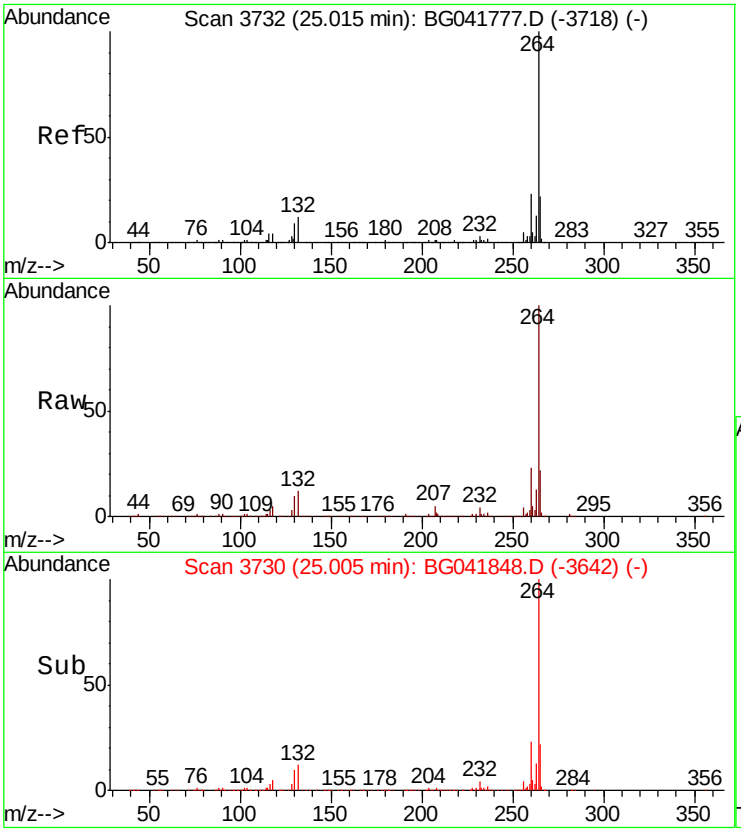


#79
Terphenyl-d14
Concen: 93.724 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion:244 Resp: 2839684

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	13.2	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: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 738198

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	18.0	27.0