Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041851.D
Acq On : 1 Aug 2019 2:30
Operator : HP/JU
Sample : K4044-18RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Aug 01 04:12:05 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	44609	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	191631	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	166807	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	577186	20.00	ng	0.00
76) Chrysene-d12	21.73	240	744477	20.00	ng	0.00
87) Perylene-d12	25.01	264	755324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	329020	143.50	ng	0.00
7) Phenol-d6	7.19	99	427613	138.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	297261	106.75	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	395879	208.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	898116	94.96	ng	0.00
79) Terphenyl-d14	20.06	244	2816502	86.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	38643	17.220	ng	# 71
51) 2,6-Dinitrotoluene	14.69	165	21177	8.890	ng	# 26
57) 2,4-Dinitrotoluene	14.69	165	21177	6.464	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	1003	7.157	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	29511	4.151	ng	# 1
77) Benzidine	20.06	184	55615	2.289	ng	# 94

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
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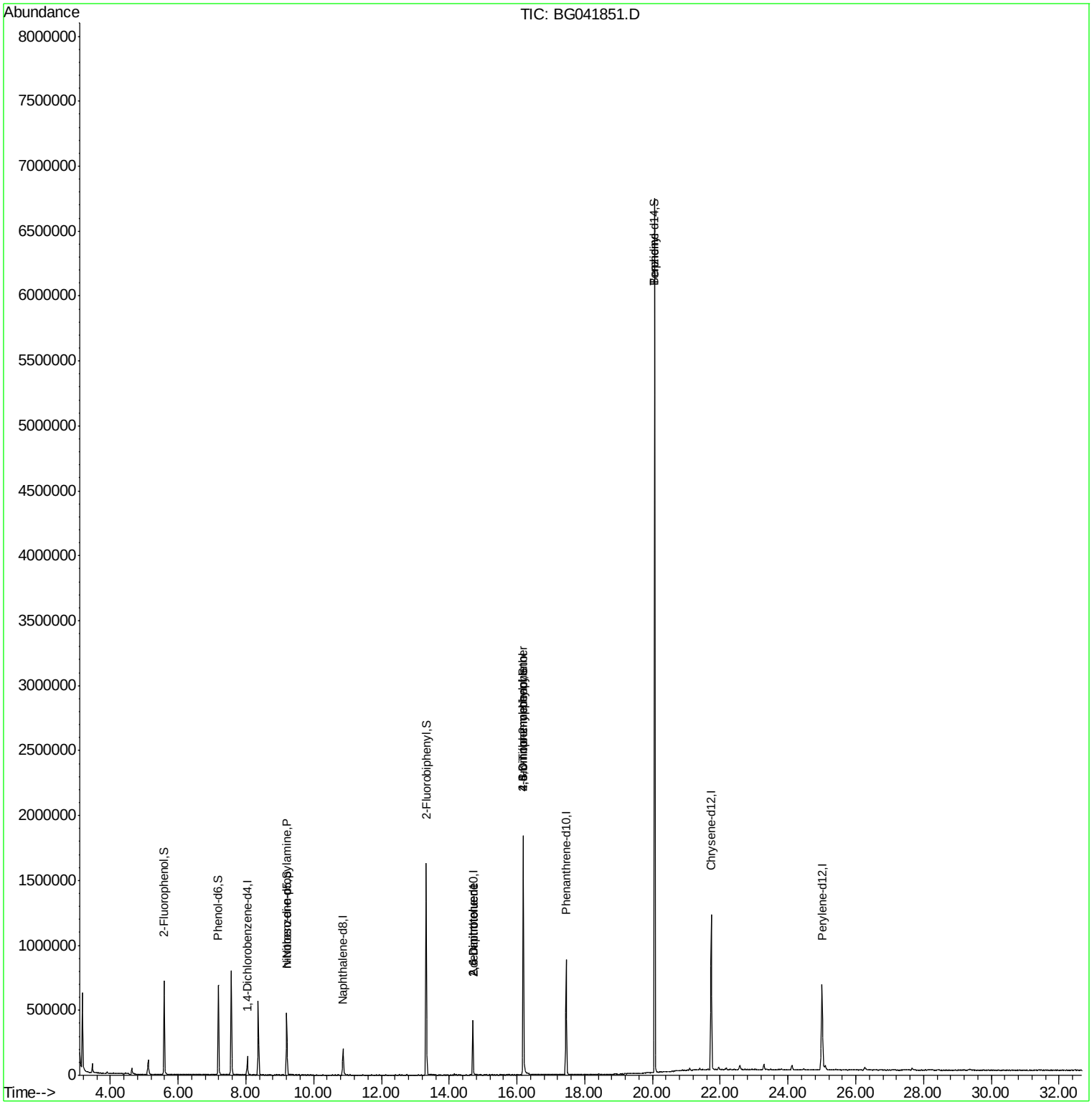
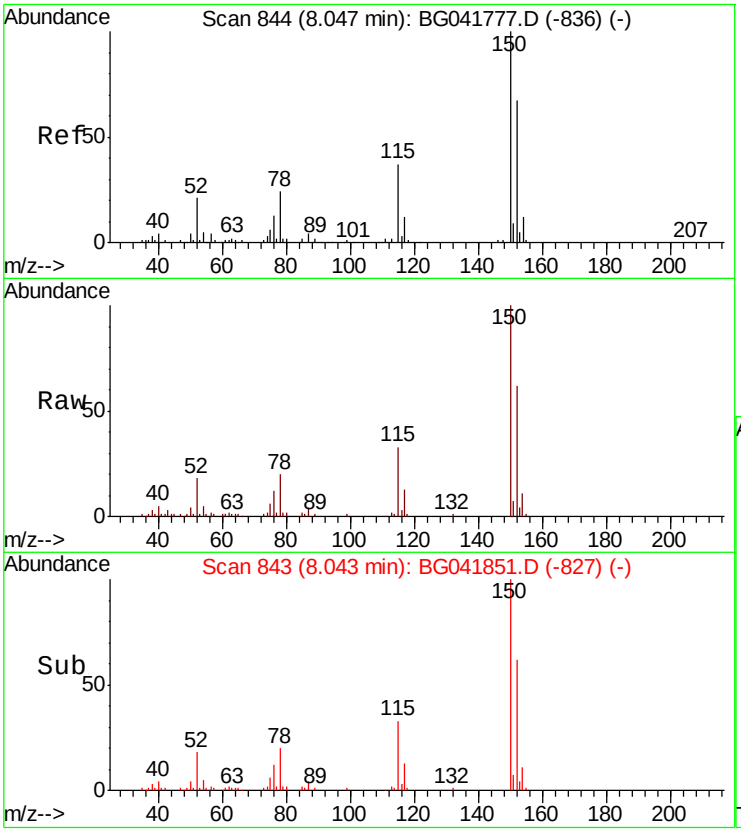


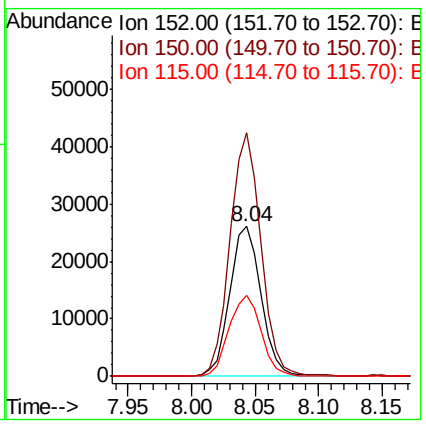


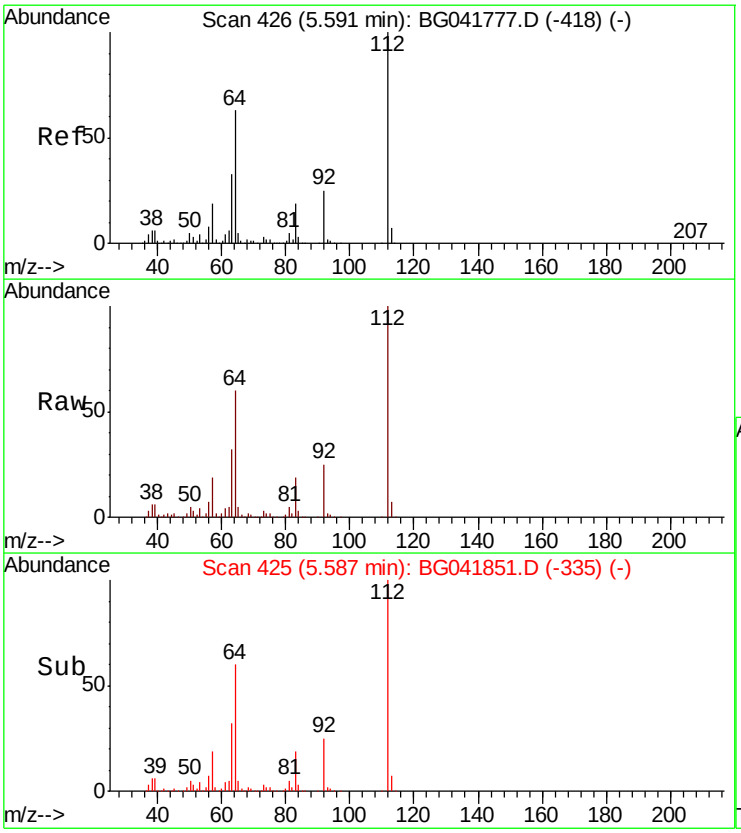
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 44609

Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.9	190.3
115	53.9	45.0	67.6

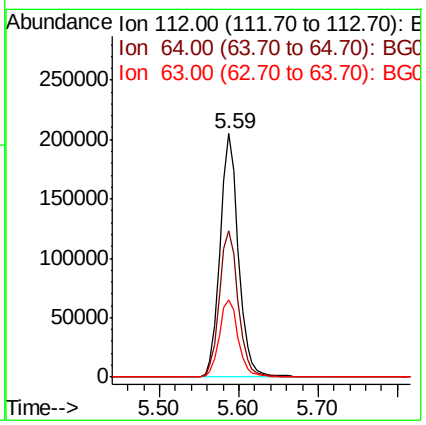


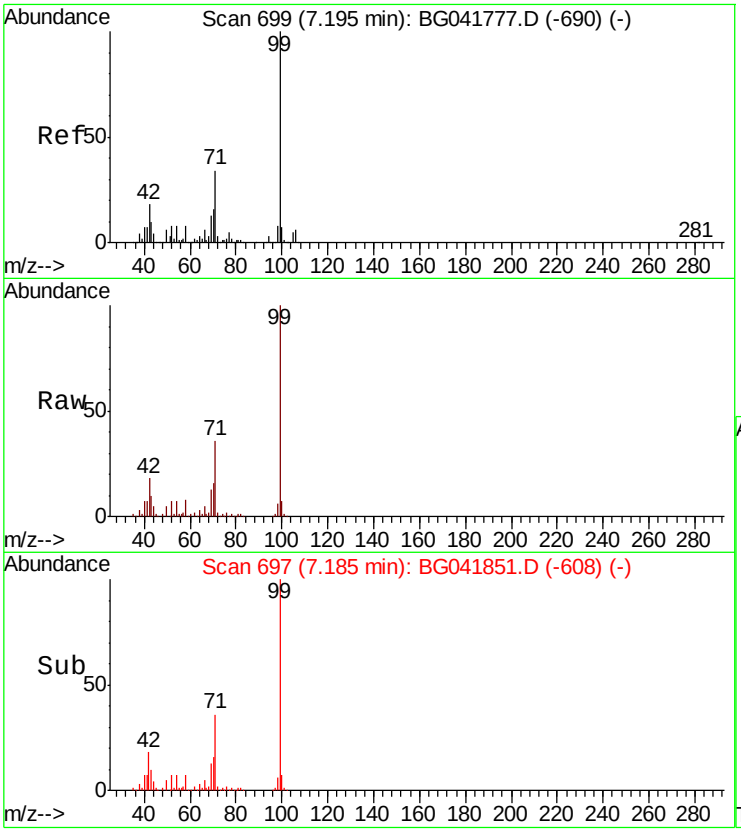


#5
2-Fluorophenol
Concen: 143.502 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:112 Resp: 329020

Ion	Ratio	Lower	Upper
112	100		
64	60.4	55.4	83.2
63	31.6	29.1	43.7



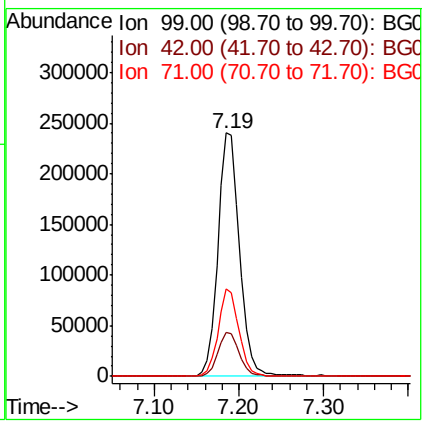


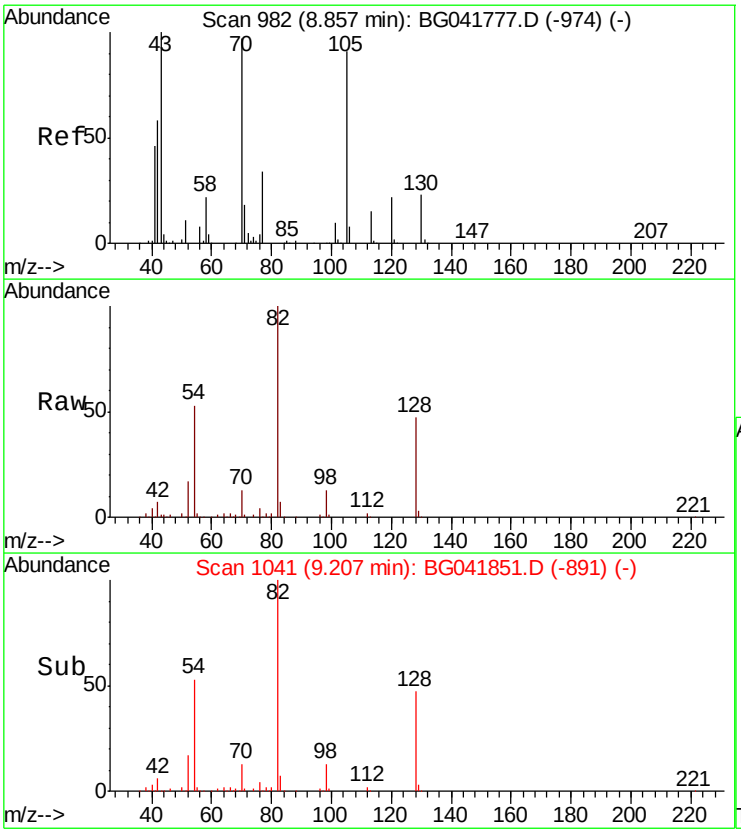
#7
Phenol-d6
Concen: 138.339 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 427613

Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.6	26.4
71	36.0	27.8	41.6

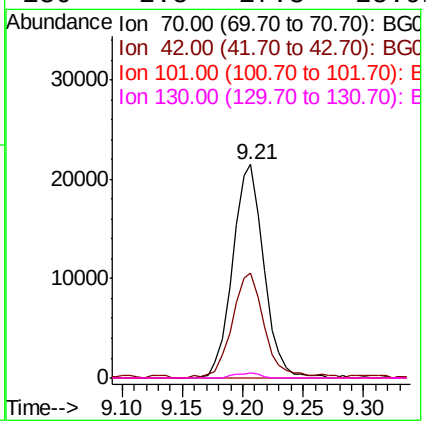


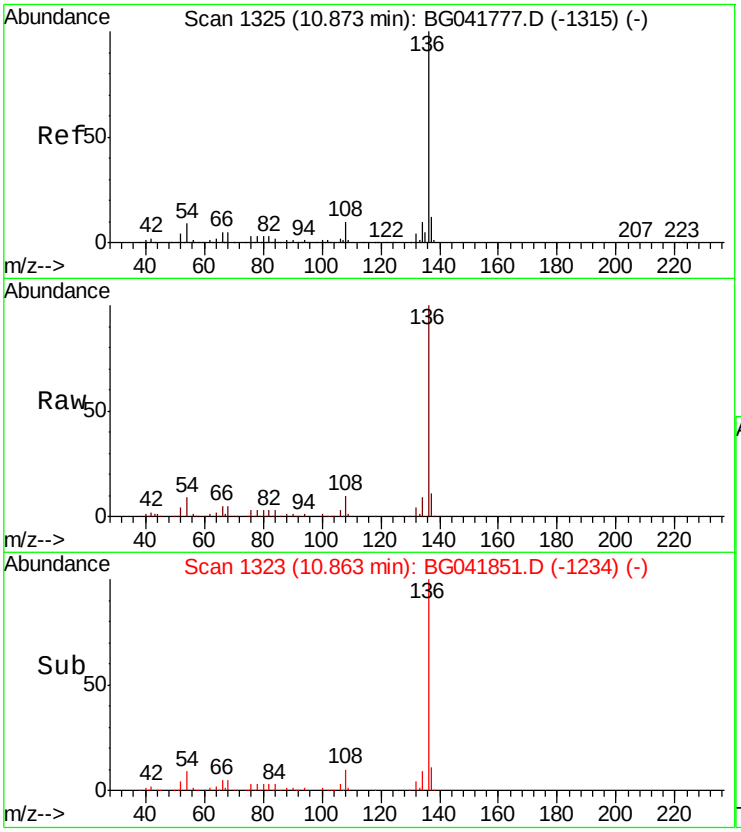


#19
n-Nitroso-di-n-propylamine
Concen: 17.220 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion: 70 Resp: 38643

Ion	Ratio	Lower	Upper
70	100		
42	49.0	55.8	83.6#
101	0.0	8.1	12.1#
130	2.5	17.3	25.9#



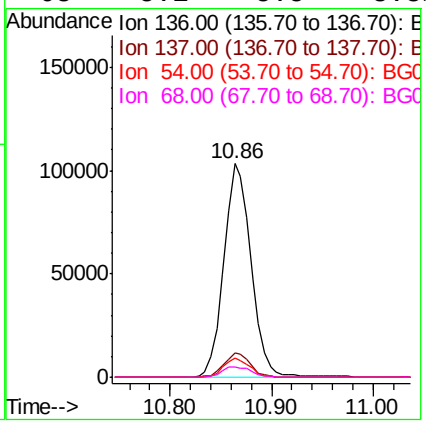


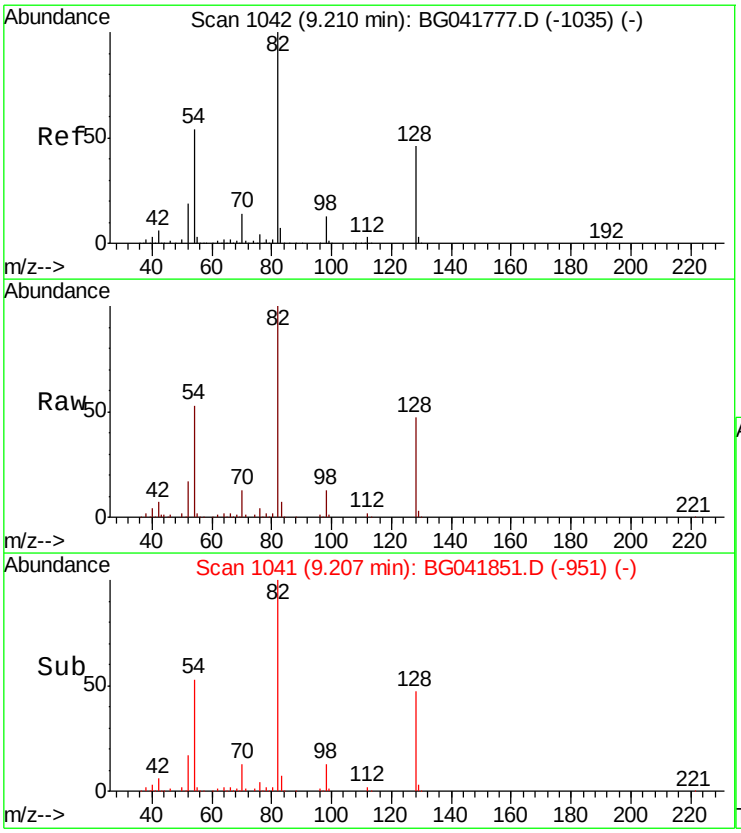
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 191631

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.0	8.7	13.1
68	5.1	5.5	8.3#

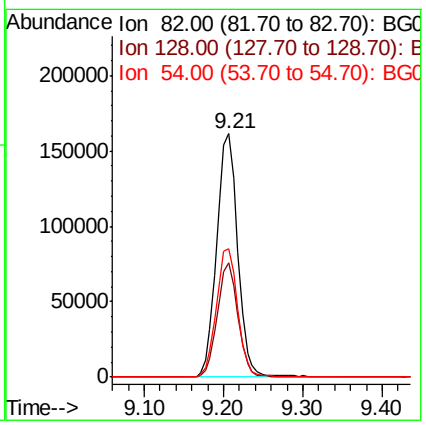


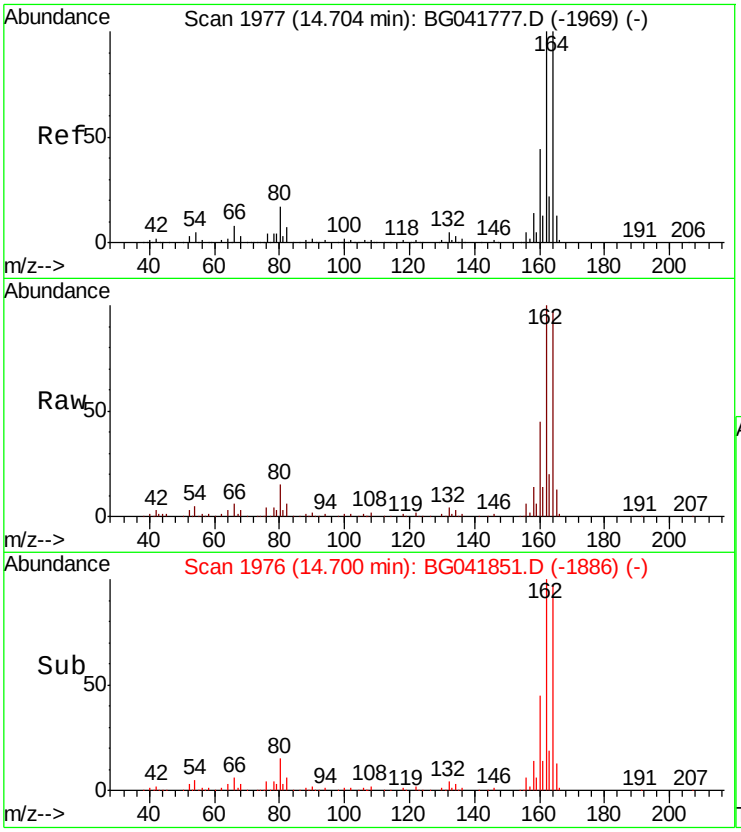


#23
Nitrobenzene-d5
Concen: 106.749 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion: 82 Resp: 297261

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.1	52.7
54	53.0	48.7	73.1



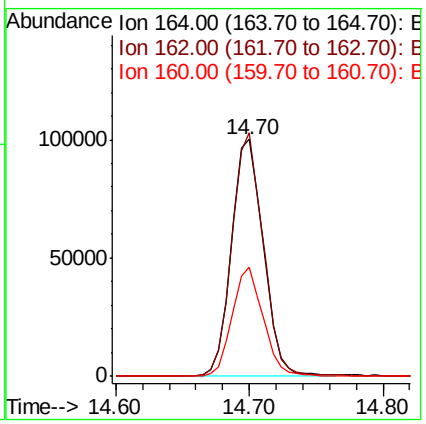


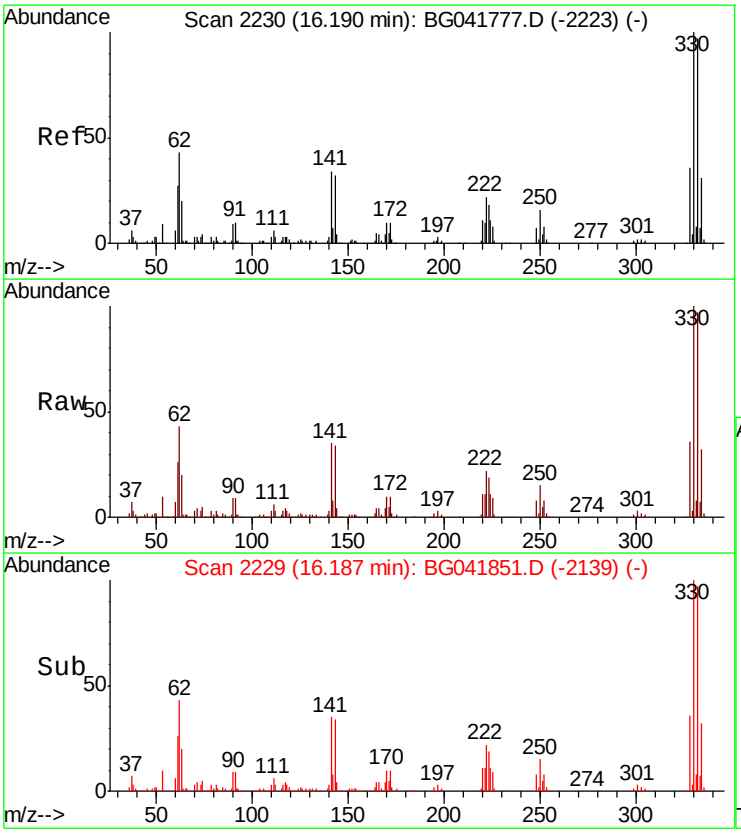
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 166807

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.6	119.4
160	45.9	35.4	53.0

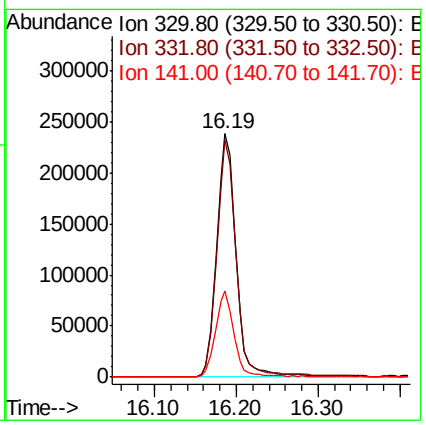


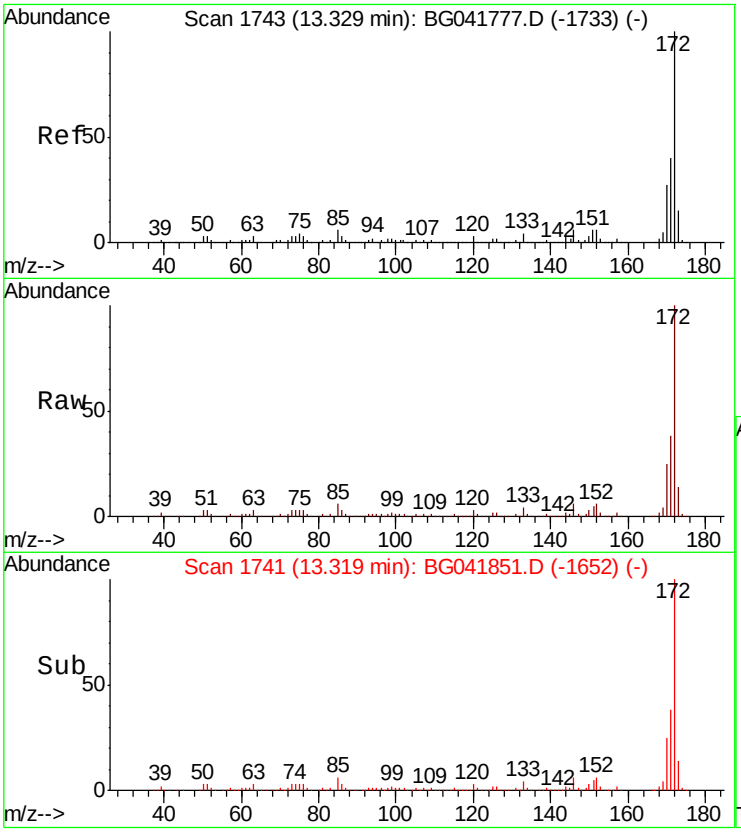


#42
2,4,6-Tribromophenol
Concen: 208.940 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:330 Resp: 395879

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	33.9	31.9	47.9



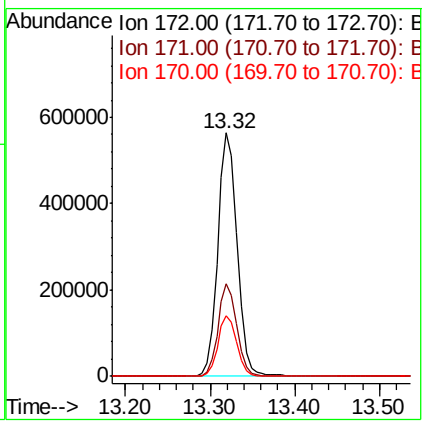


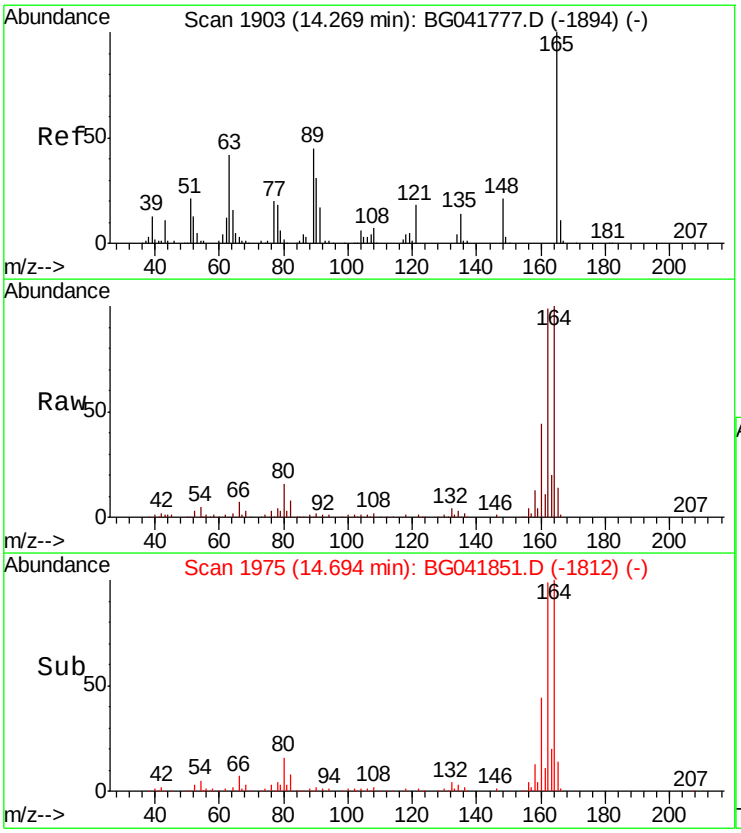
#45
2-Fluorobiphenyl
Concen: 94.962 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 898116

Ion	Ratio	Lower	Upper
172	100		
171	38.2	35.0	52.4
170	24.7	23.5	35.3

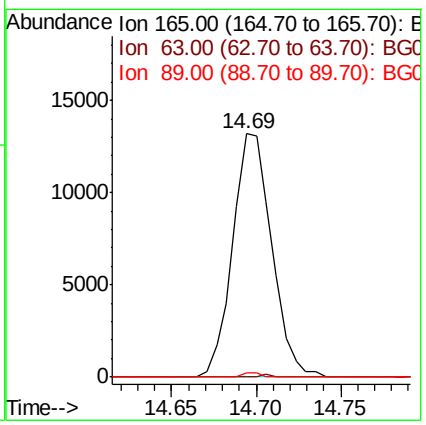


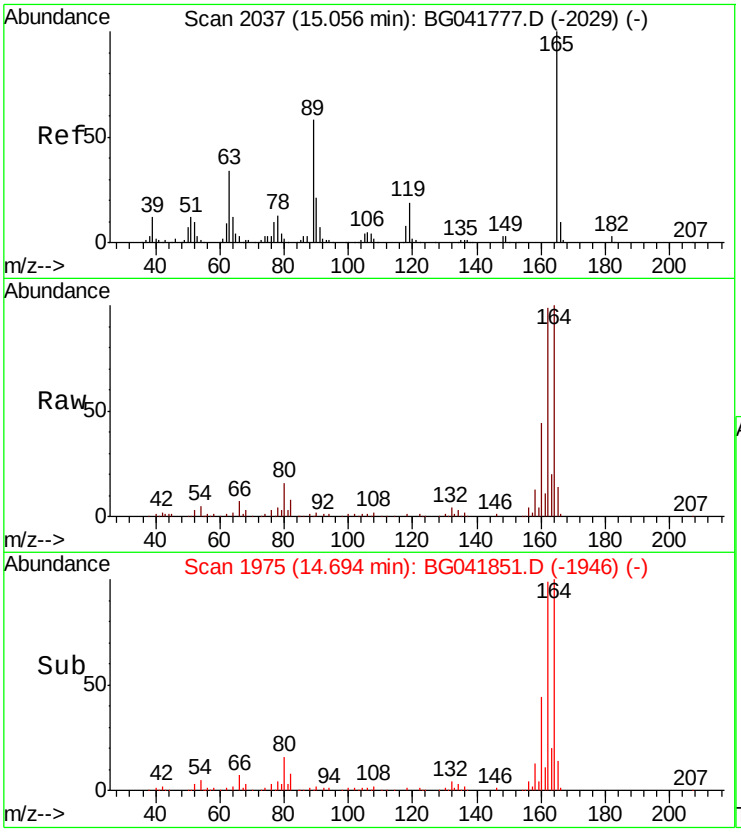


#51
2,6-Dinitrotoluene
Concen: 8.890 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.43 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:165 Resp: 21177

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	1.5	42.1	63.1#



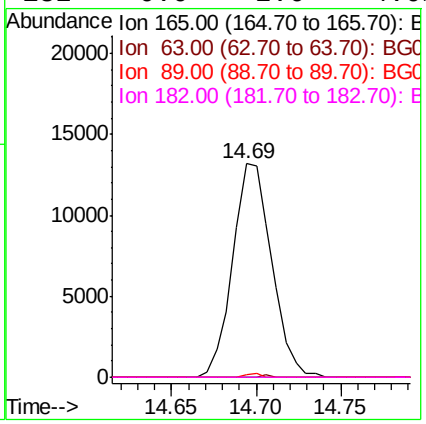


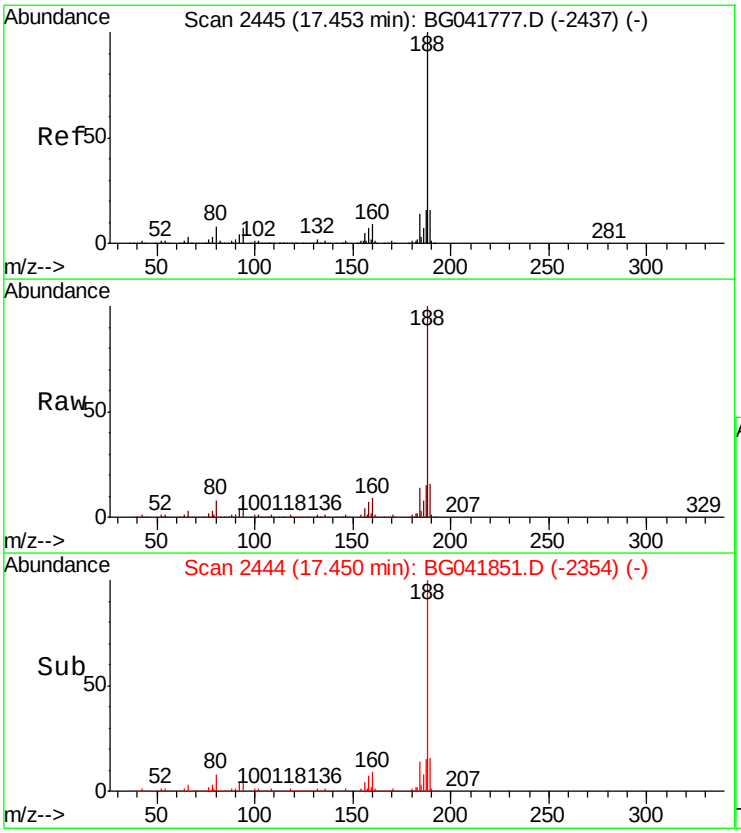
#57
2,4-Dinitrotoluene
Concen: 6.464 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.36 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 21177

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.5	50.2	75.4#
182	0.0	2.6	4.0#

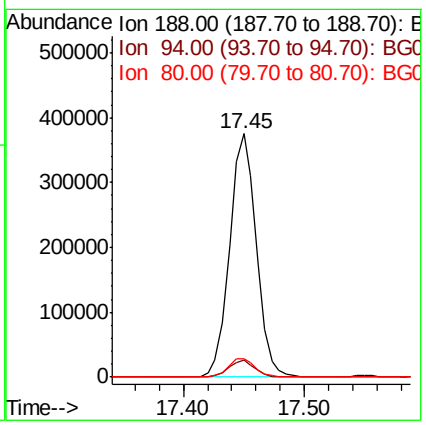


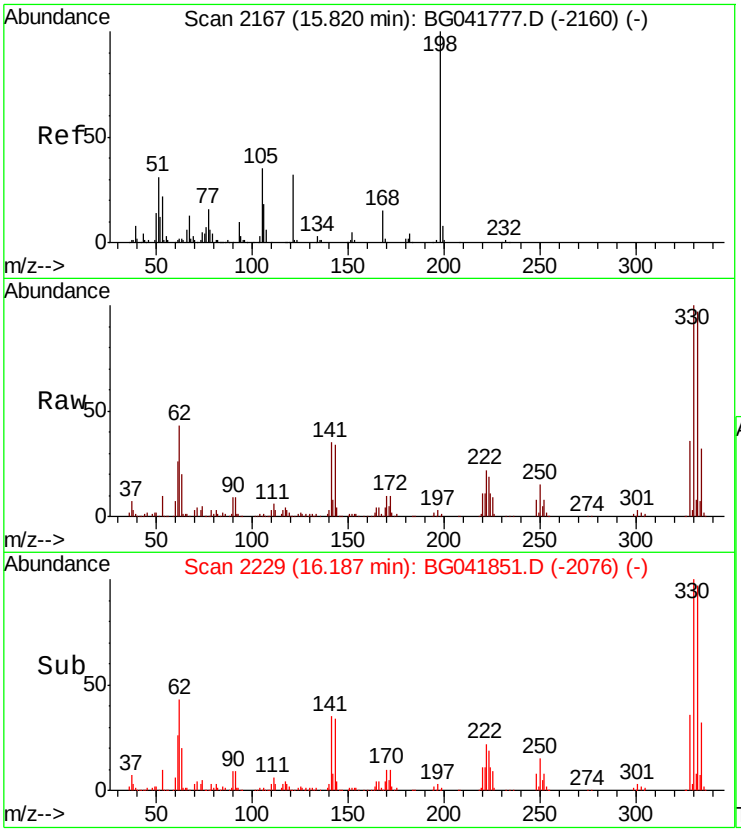


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:188 Resp: 577186

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.8	8.0	12.0#



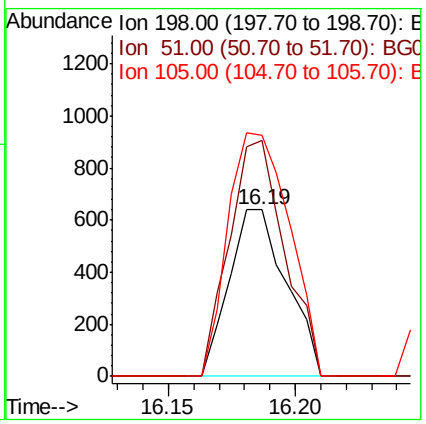


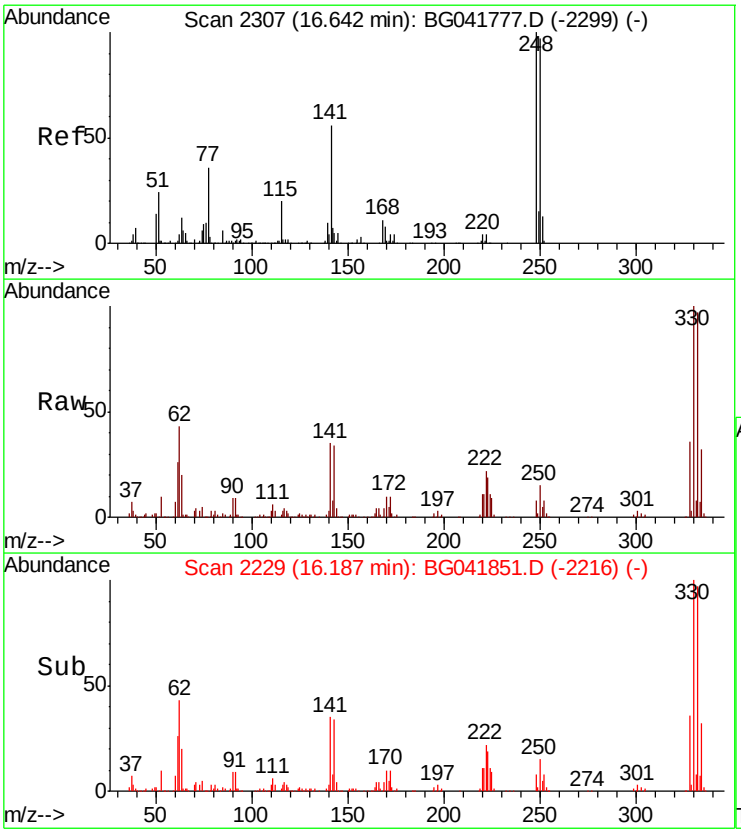
#65
4,6-Dinitro-2-methylphenol
Concen: 7.157 ng
RT: 16.19 min Scan# 2229
Delta R.T. 0.37 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:198 Resp: 1003

Ion	Ratio	Lower	Upper
198	100		
51	141.4	22.3	62.3#
105	144.4	18.0	58.0#

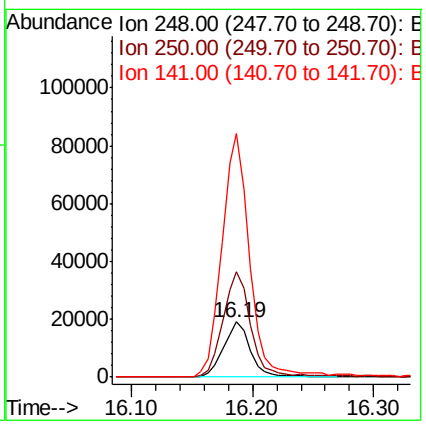


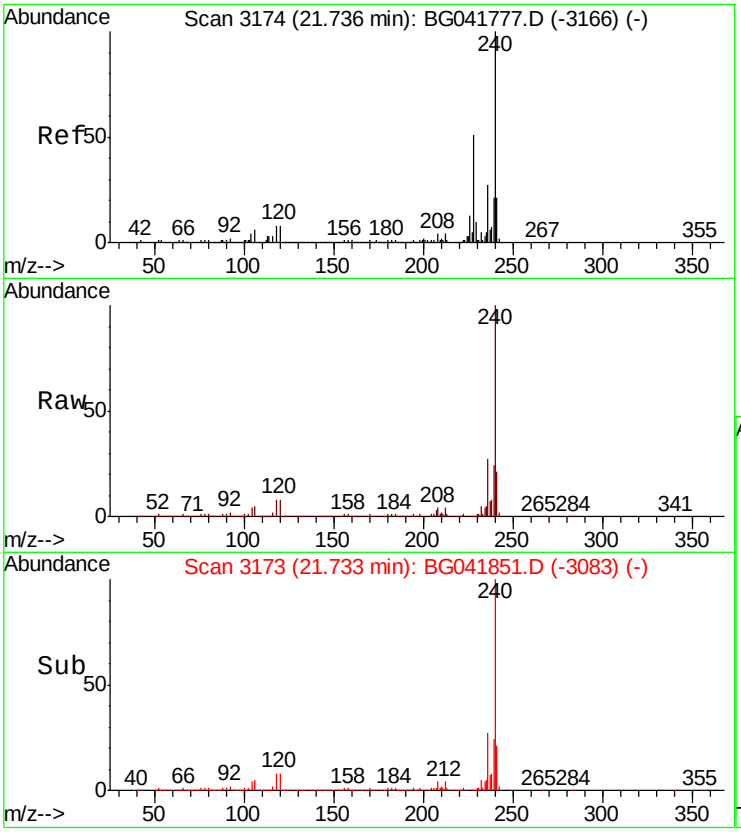


#67
4-Bromophenyl-phenylether
Concen: 4.151 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:248 Resp: 29511

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.1	117.1#
141	442.8	49.6	74.4#



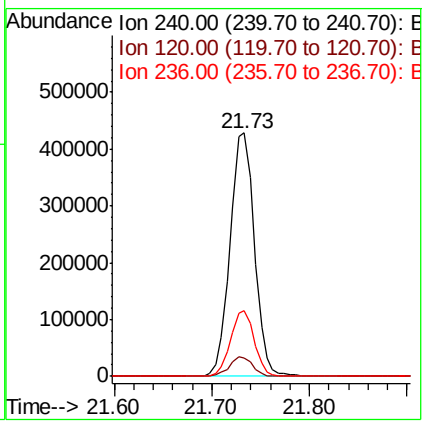


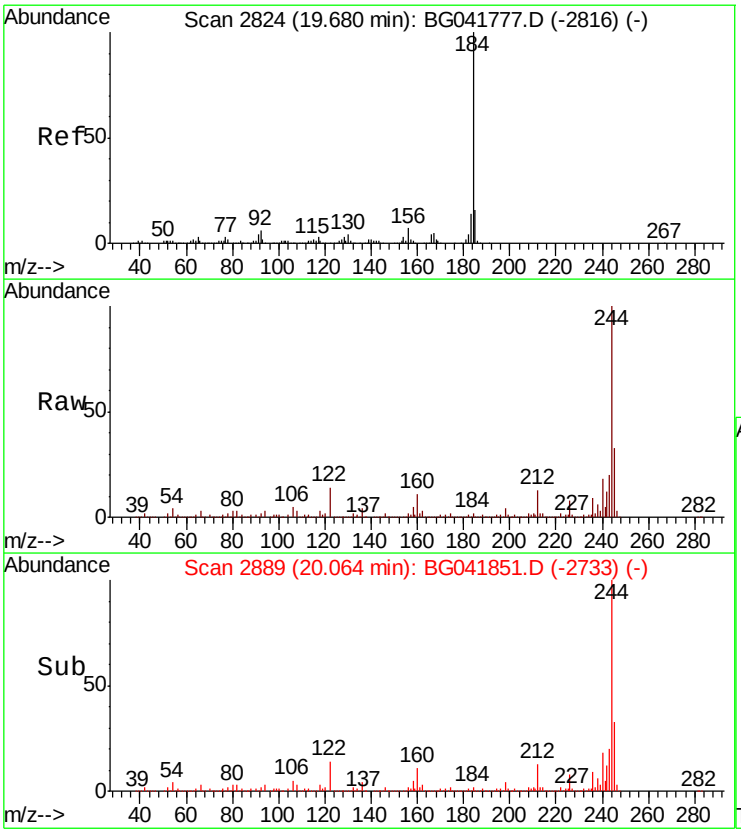
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 744477

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.0	12.0#
236	26.8	22.6	33.8

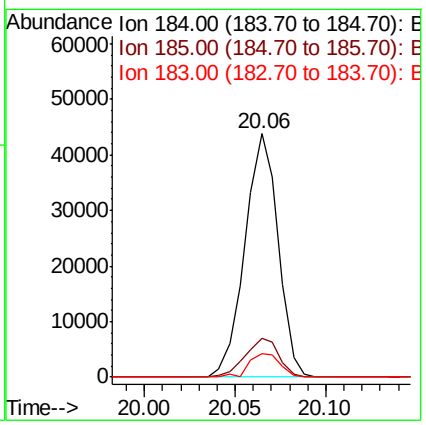


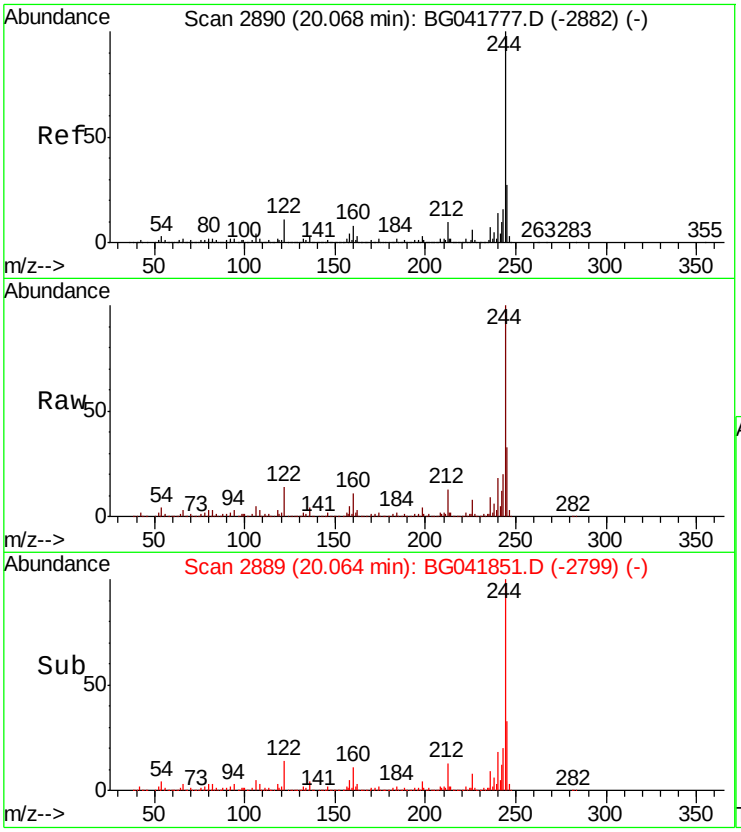


#77
Benzidine
Concen: 2.289 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.38 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:184 Resp: 55615

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.0	19.4
183	9.7	11.8	17.6#



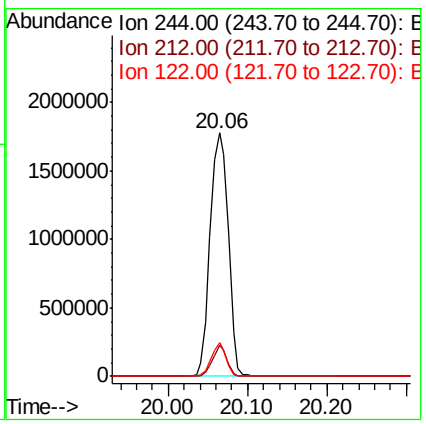


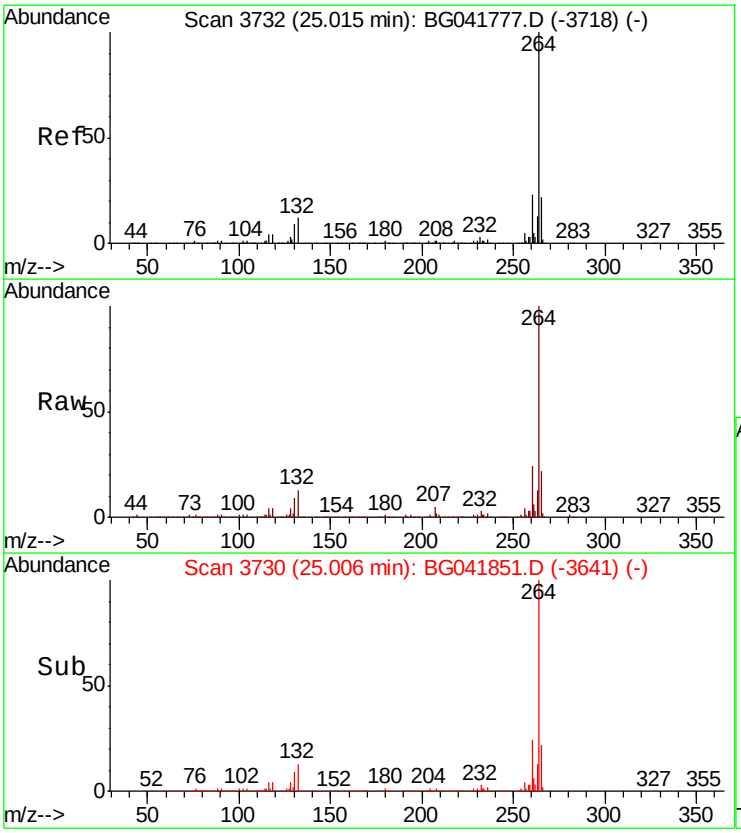
#79
Terphenyl-d14
Concen: 86.569 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 2816502

Ion	Ratio	Lower	Upper
244	100		
212	12.6	9.7	14.5
122	13.8	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041851.D
Acq: 1 Aug 2019 2:30

Tgt Ion:264 Resp: 755324

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	18.0	27.0