Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041638.D
Acq On : 12 Jul 2019 13:40
Operator : HP/JU
Sample : K3636-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 12 15:19:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	86421	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	338600	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	218790	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	526397	20.00	ng	0.00
76) Chrysene-d12	21.66	240	516427	20.00	ng	0.00
87) Perylene-d12	24.86	264	579410	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	330347	64.15	ng	0.00
7) Phenol-d6	7.20	99	292519	41.93	ng	0.00
23) Nitrobenzene-d5	9.21	82	518090	93.25	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	344534	137.71	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1310380	94.16	ng	0.00
79) Terphenyl-d14	20.01	244	2056785	97.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	560	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	9.21	70	73336	14.312	ng #	81
51) 2,6-Dinitrotoluene	14.67	165	28599	8.363	ng #	17
57) 2,4-Dinitrotoluene	14.67	165	28599	6.358	ng #	20
65) 4,6-Dinitro-2-methylphenol	16.15	198	1190	Below Cal	#	1
66) n-Nitrosodiphenylamine	16.15	169	13803	Below Cal	#	51
77) Benzidine	20.01	184	36944	Below Cal	#	94
80) Butylbenzylphthalate	20.70	149	518	Below Cal	#	84
82) 3,3'-Dichlorobenzidine	21.54	252	71	Below Cal	#	24
86) Indeno(1,2,3-cd)pyrene	28.53	276	220	Below Cal	#	1

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

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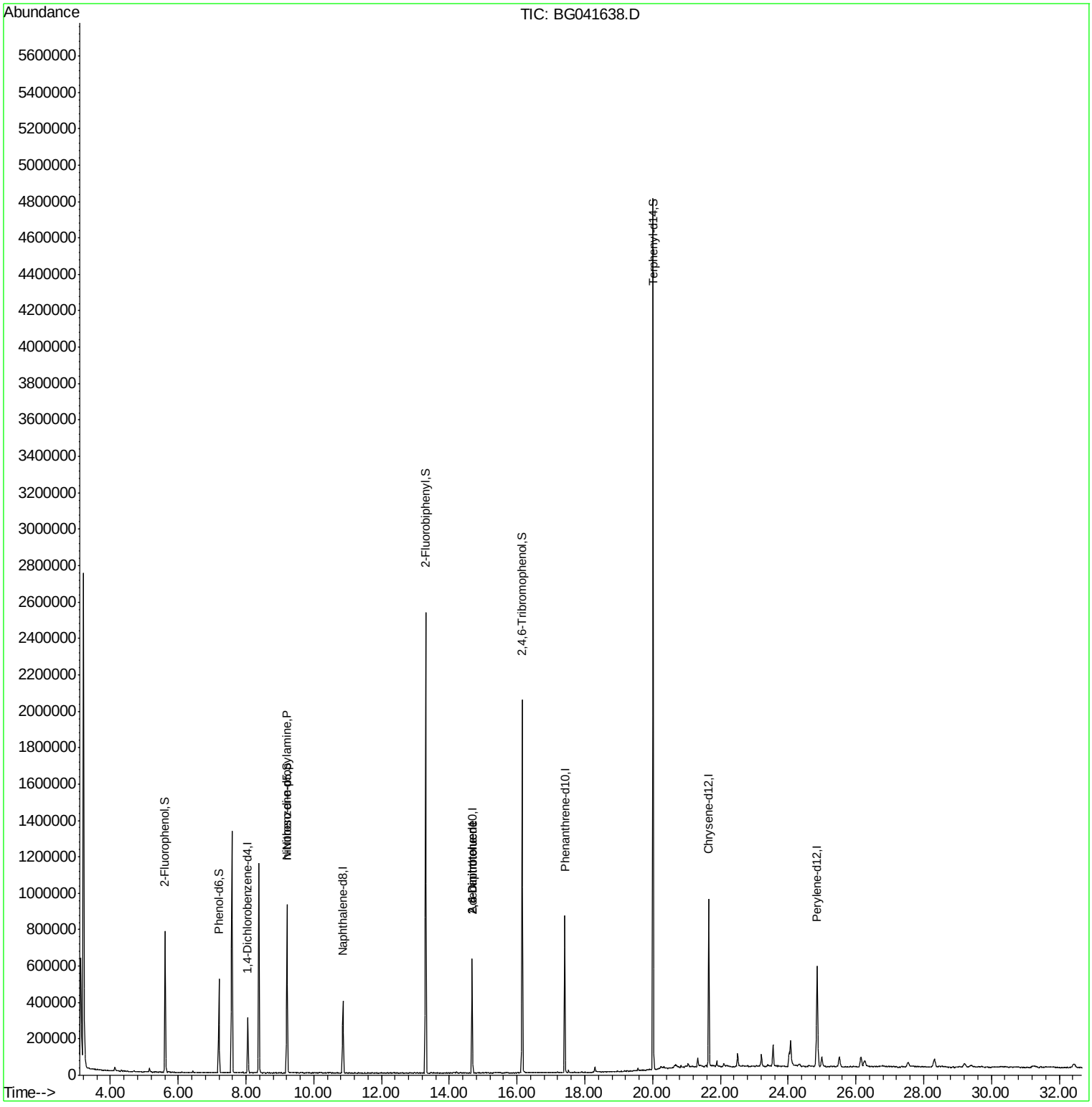
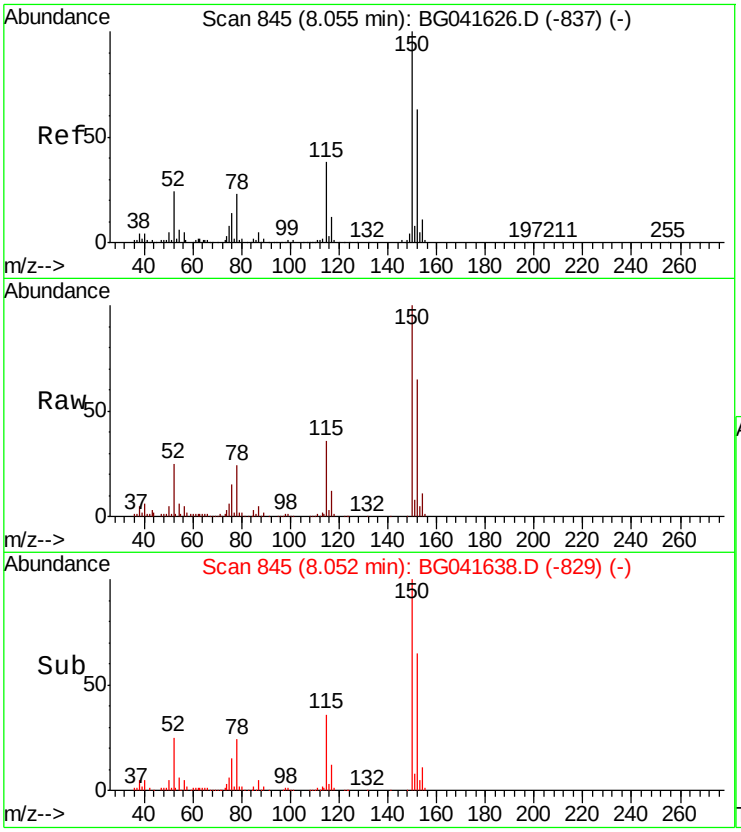


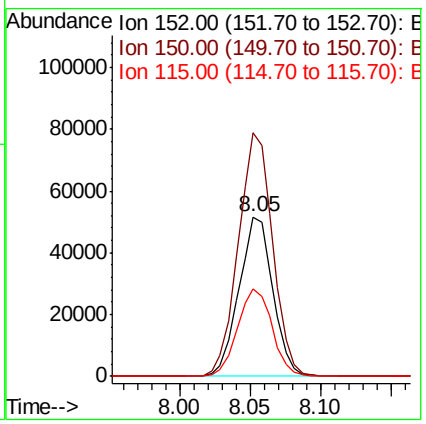


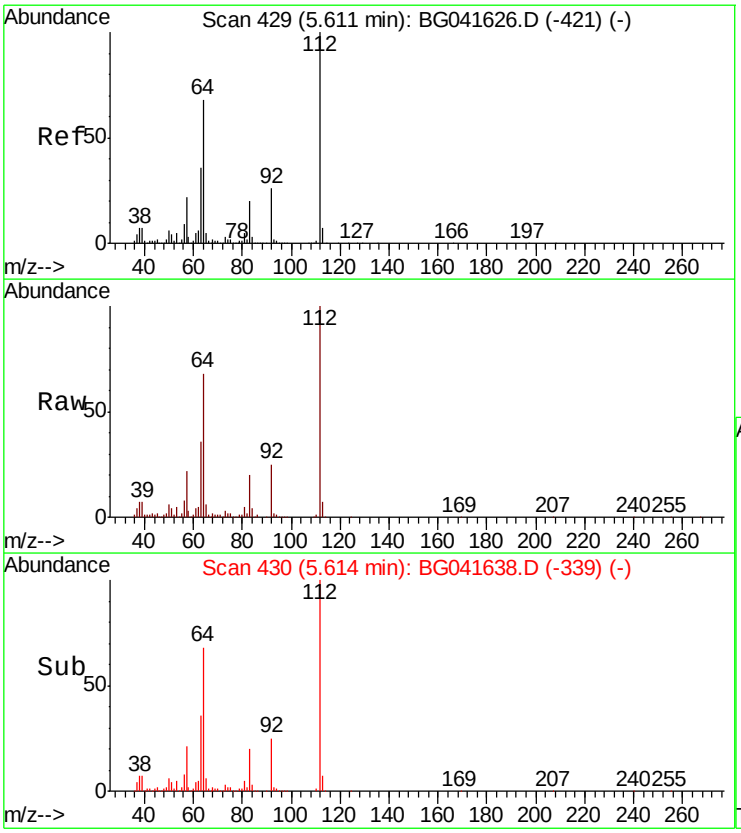
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 86421

Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	181.0
115	54.9	47.9	71.9

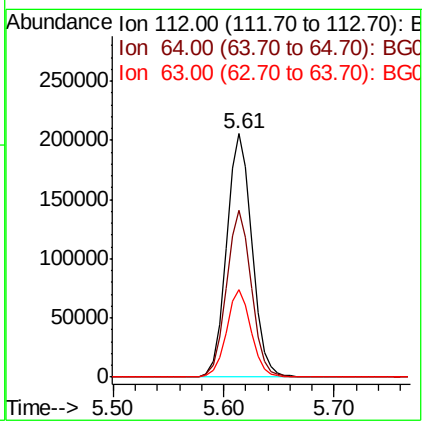


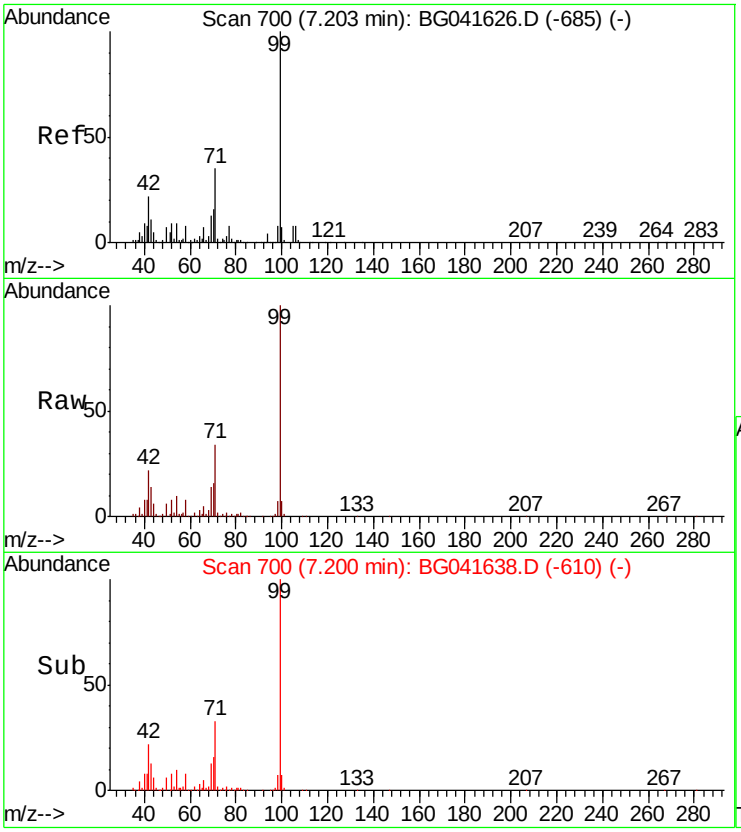


#5
2-Fluorophenol
Concen: 64.145 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:112 Resp: 330347

Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.9	83.9
63	35.7	34.6	51.8



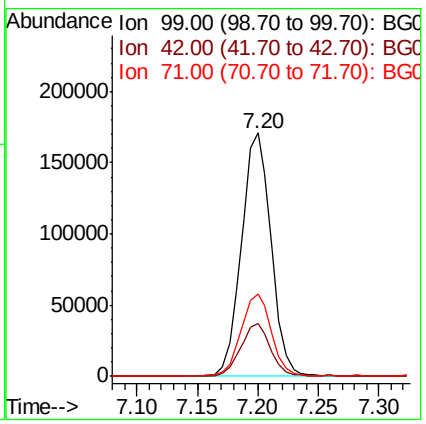


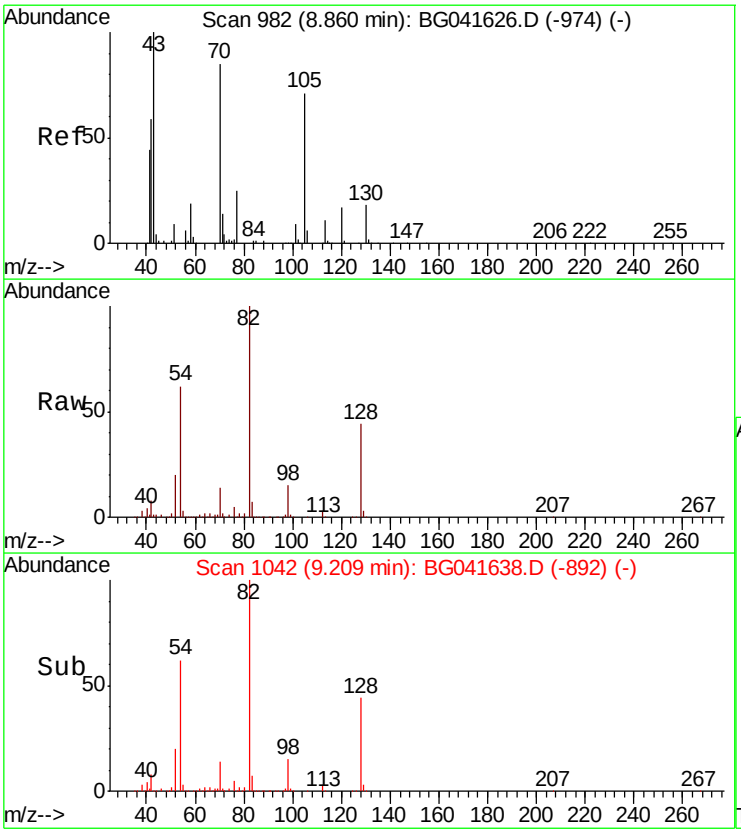
#7
Phenol-d6
Concen: 41.926 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 292519

Ion	Ratio	Lower	Upper
99	100		
42	21.8	19.9	29.9
71	33.6	36.4	54.6#

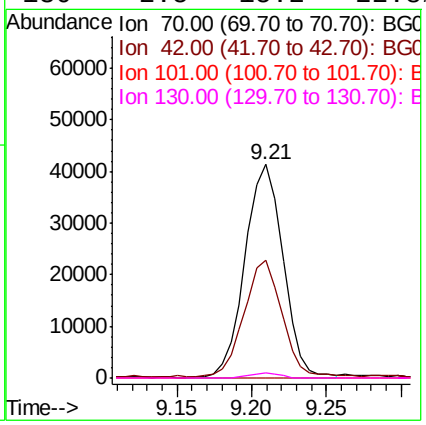


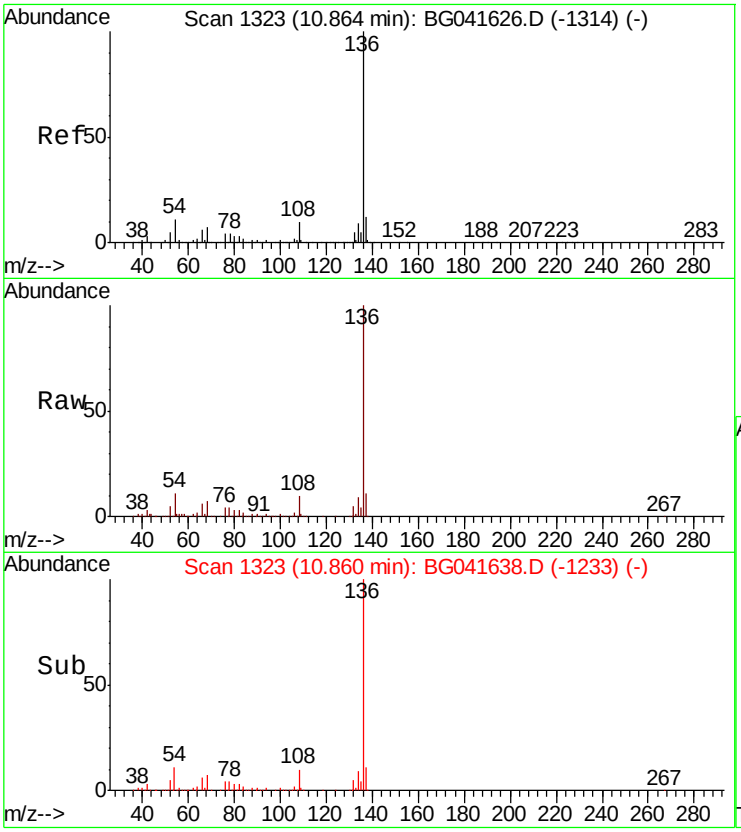


#19
n-Nitroso-di-n-propylamine
Concen: 14.312 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion: 70 Resp: 73336

Ion	Ratio	Lower	Upper
70	100		
42	55.1	51.4	77.2
101	0.0	8.2	12.2#
130	2.5	15.2	22.8#



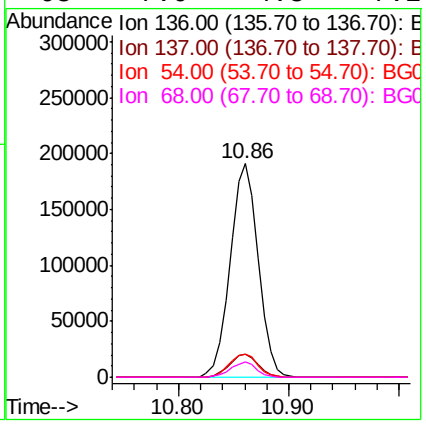


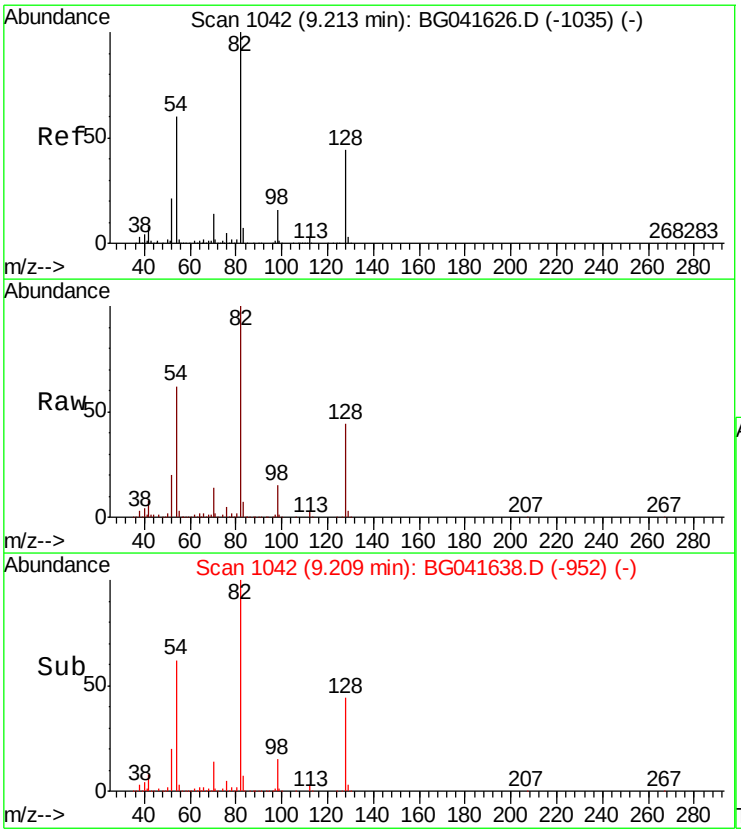
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 338600

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.1	6.4	9.6#
68	7.0	4.8	7.2

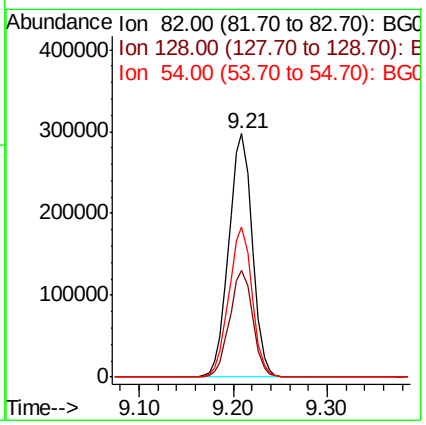


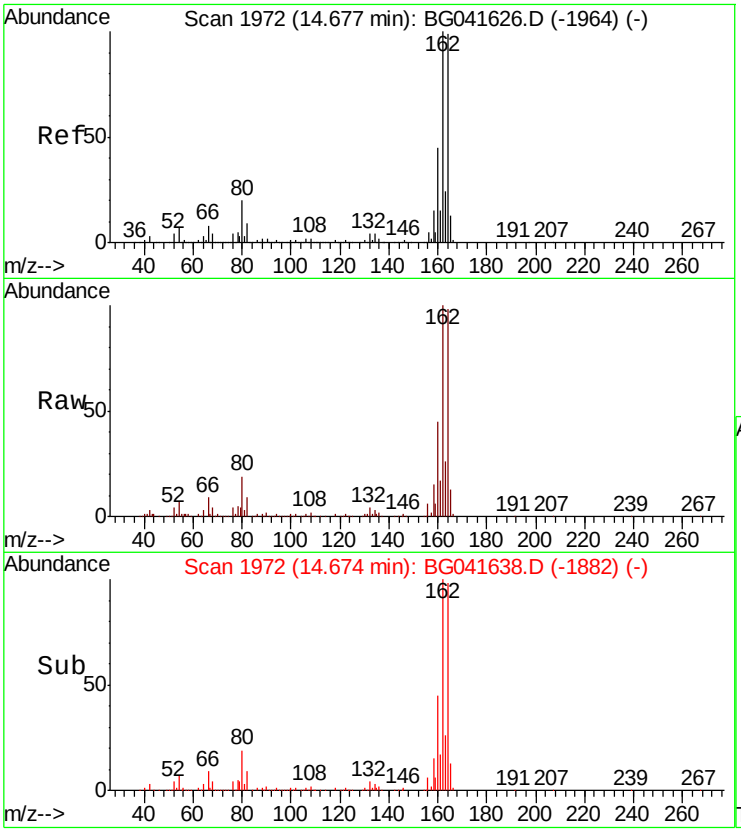


#23
Nitrobenzene-d5
Concen: 93.250 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion: 82 Resp: 518090

Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.2	43.8
54	61.8	43.4	65.0



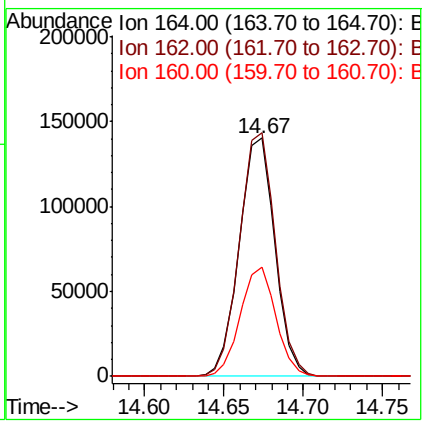


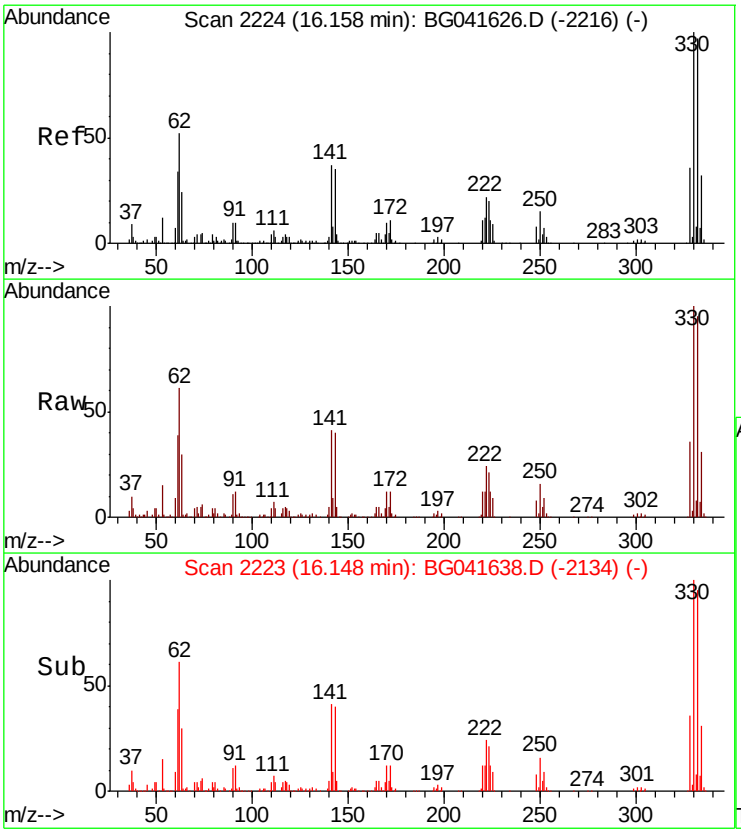
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 218790

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	45.7	35.8	53.8

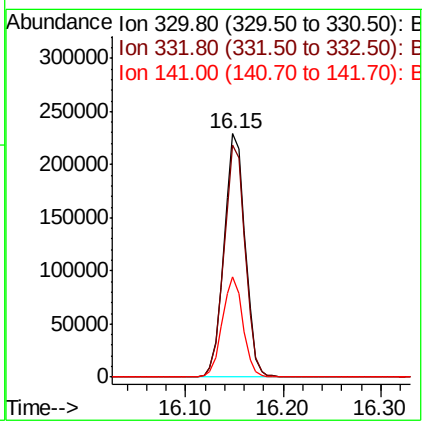


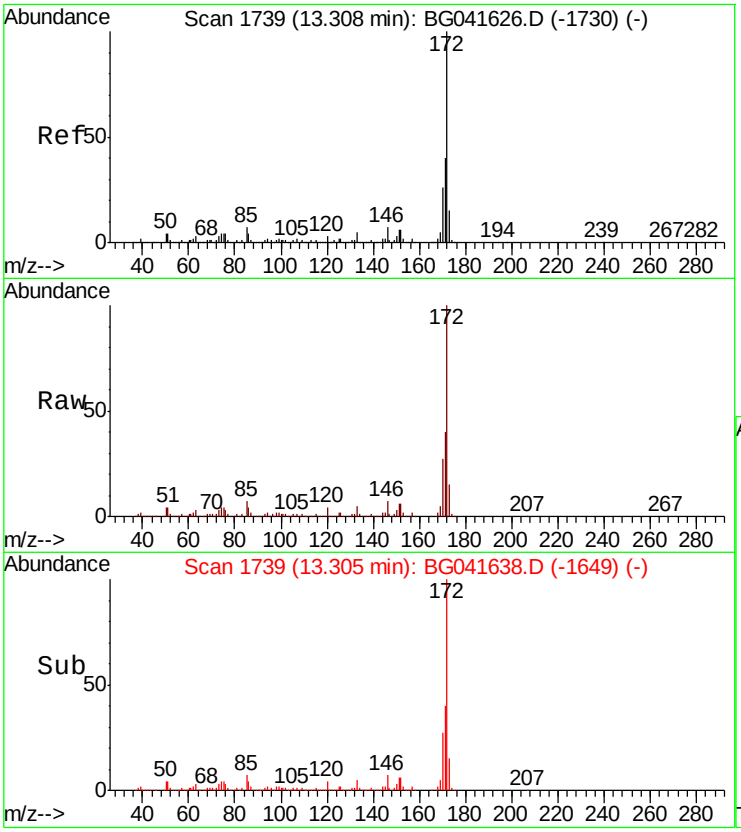


#42
2,4,6-Tribromophenol
Concen: 137.708 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:330 Resp: 344534

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	40.4	29.0	43.4



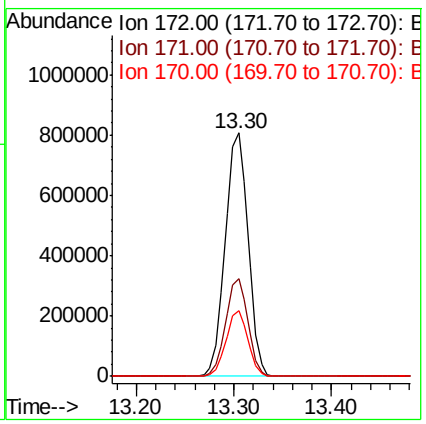


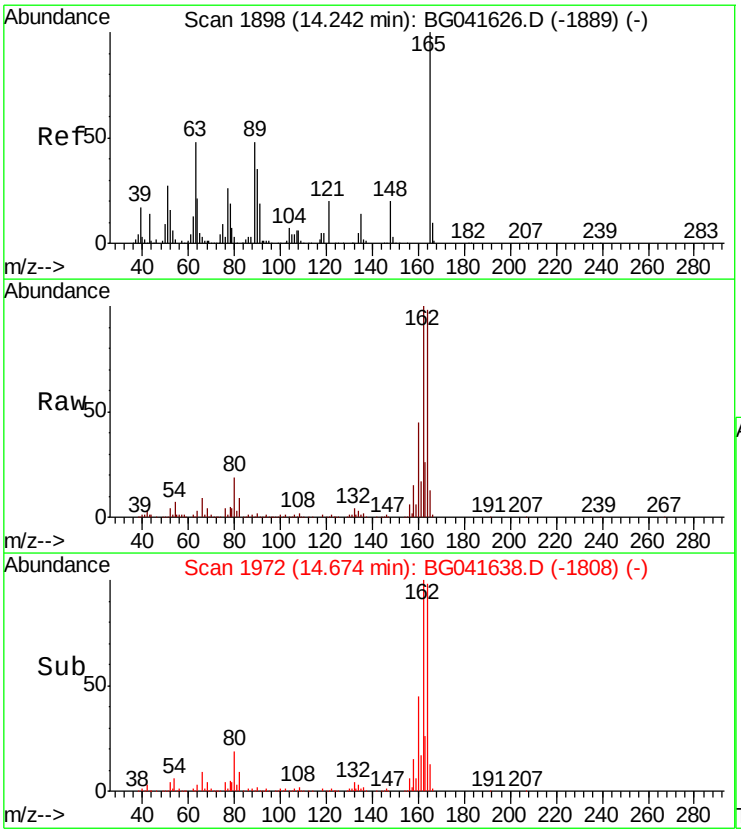
#45
2-Fluorobiphenyl
Concen: 94.159 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1310380

Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.0	45.0
170	26.9	19.8	29.6

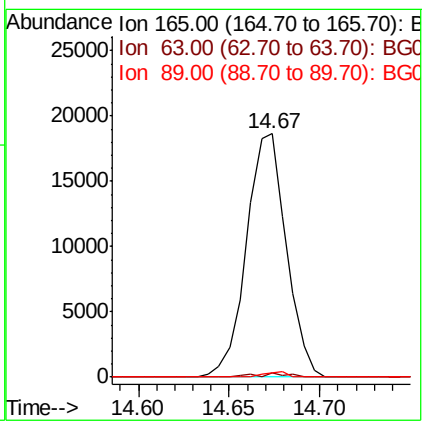


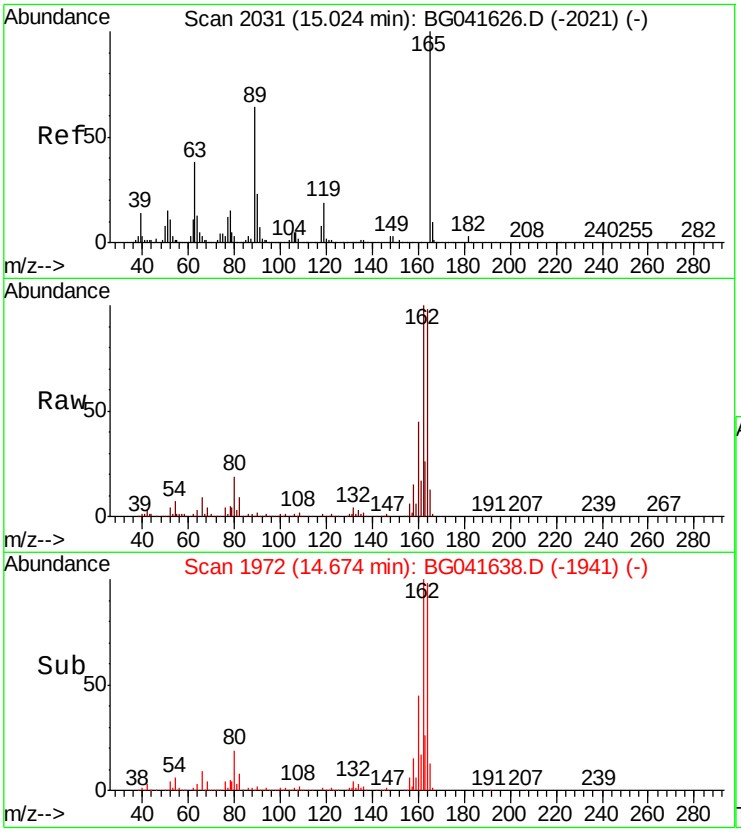


#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:165 Resp: 28599

Ion	Ratio	Lower	Upper
165	100		
63	1.9	55.4	83.0#
89	1.5	56.5	84.7#



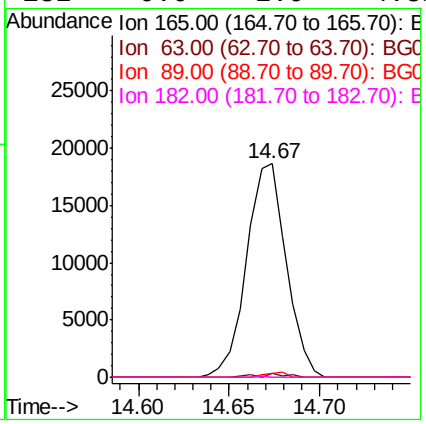


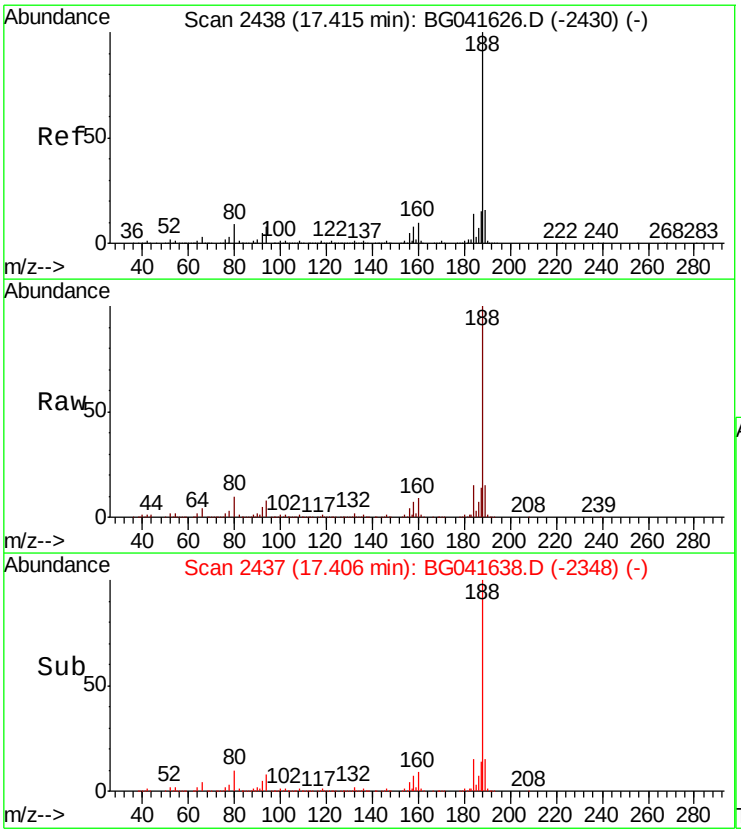
#57
2,4-Dinitrotoluene
Concen: 6.358 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.35 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 28599

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.0	60.0#
89	1.5	64.6	96.8#
182	0.0	2.9	4.3#

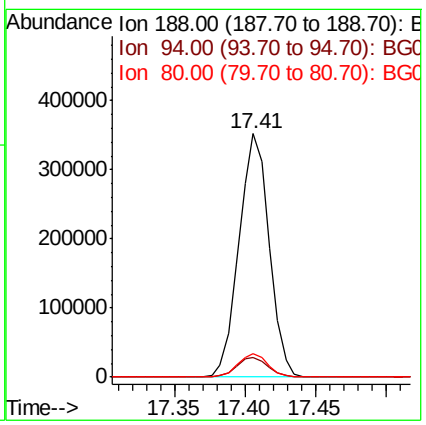


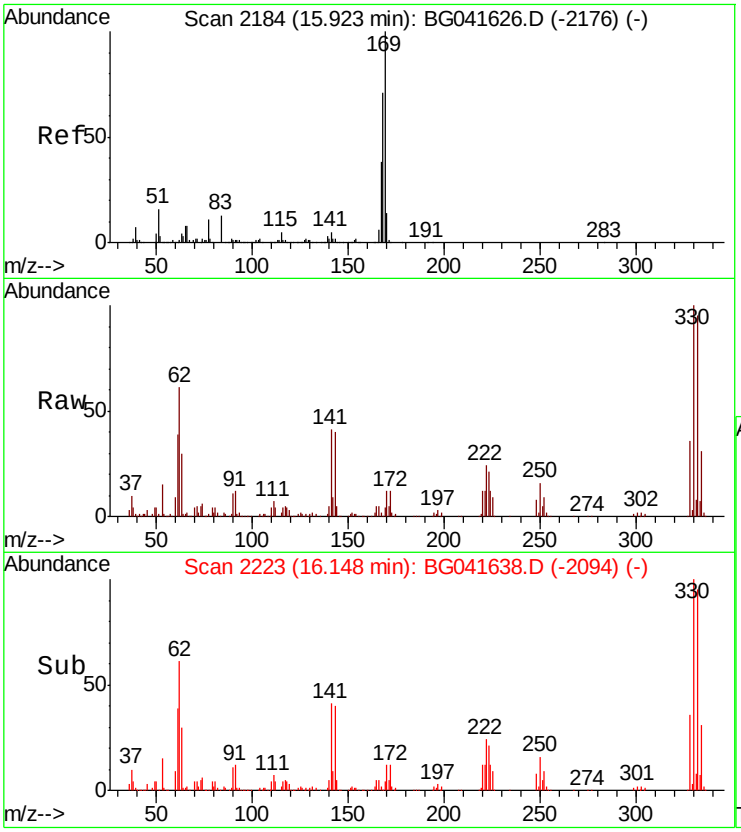


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:188 Resp: 526397

Ion	Ratio	Lower	Upper
188	100		
94	8.3	3.6	5.4#
80	9.5	4.8	7.2#



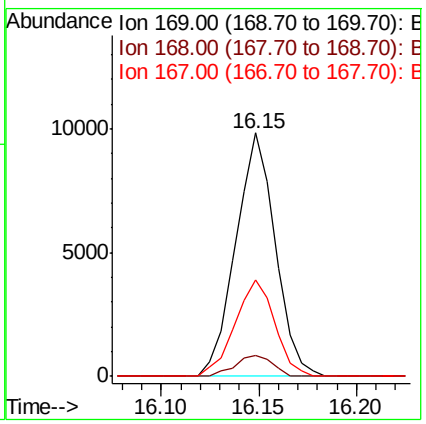


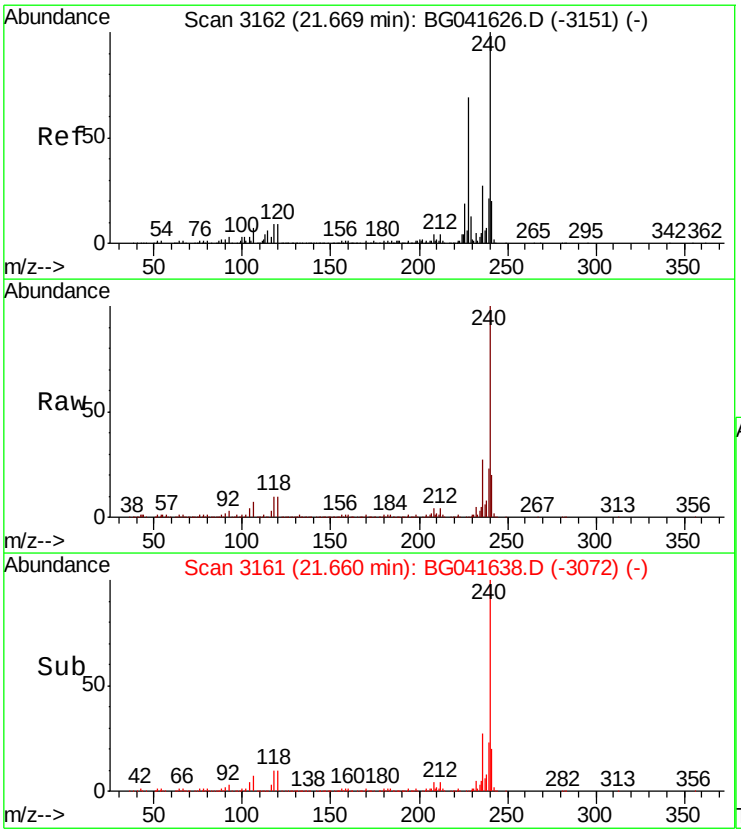
#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 16.15 min Scan# 2223
Delta R.T. 0.23 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 13803

Ion	Ratio	Lower	Upper
169	100		
168	8.6	55.2	82.8#
167	39.8	30.4	45.6

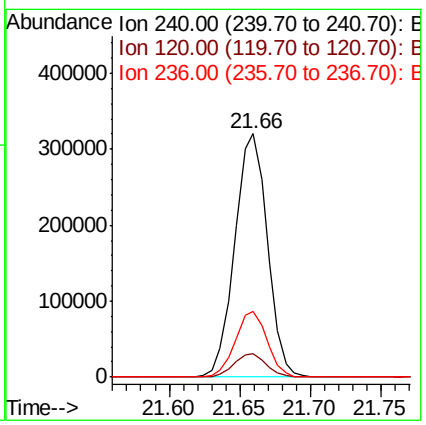


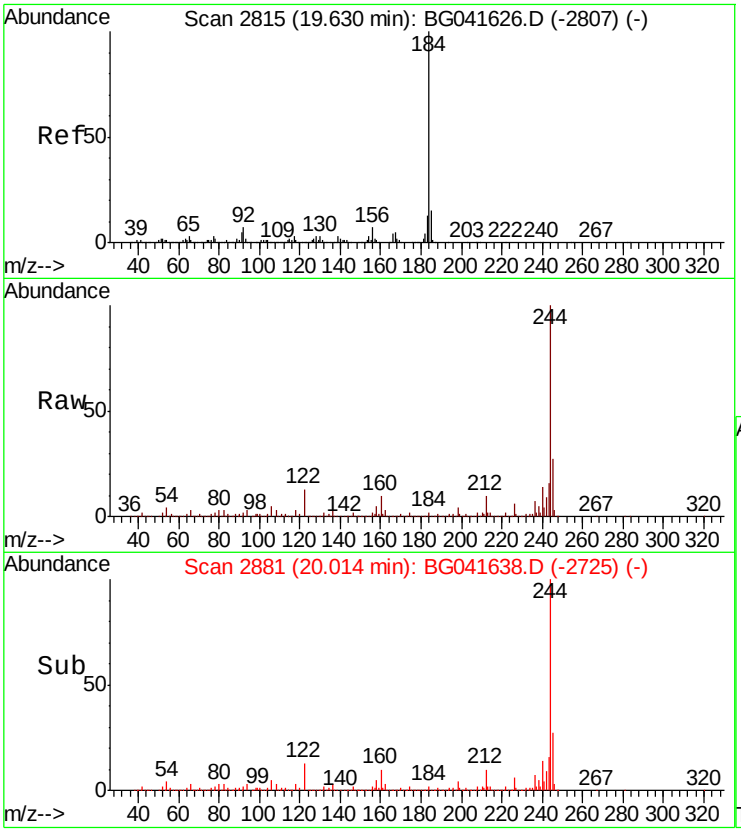


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:240 Resp: 516427

Ion	Ratio	Lower	Upper
240	100		
120	9.6	3.7	5.5#
236	26.8	21.1	31.7



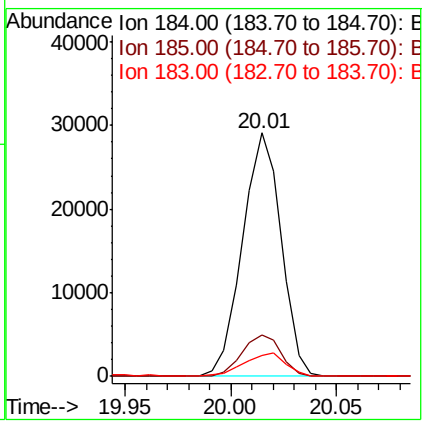


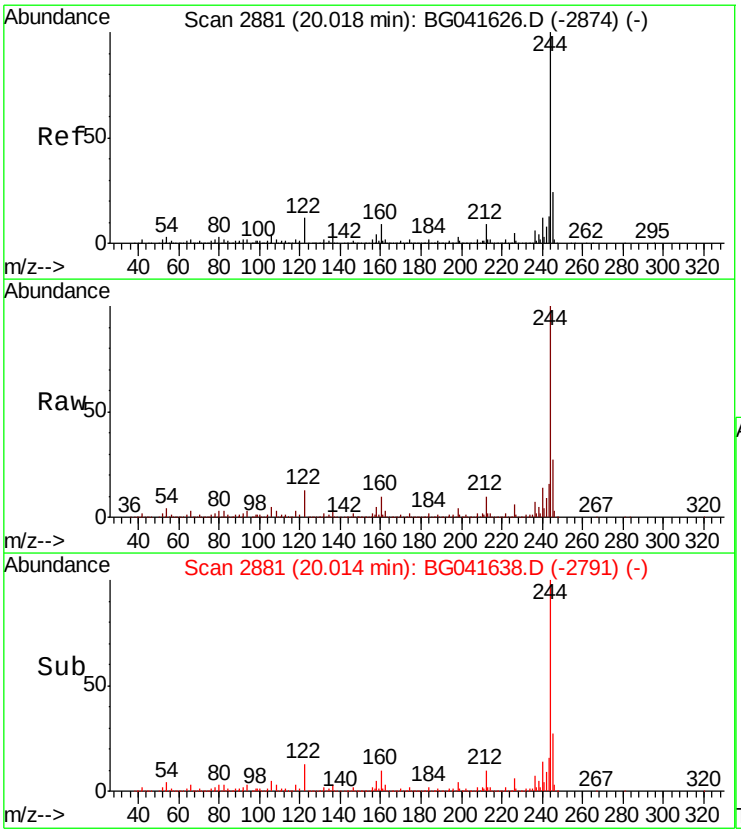
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.39 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36944

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.2	18.2
183	8.8	9.6	14.4#

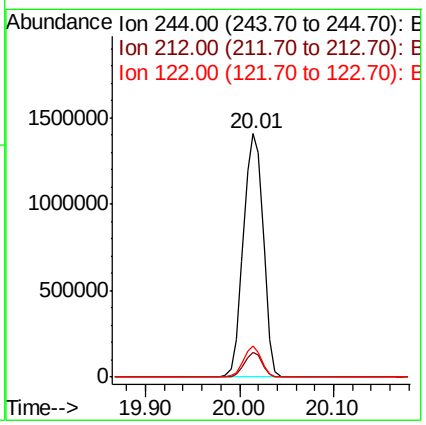


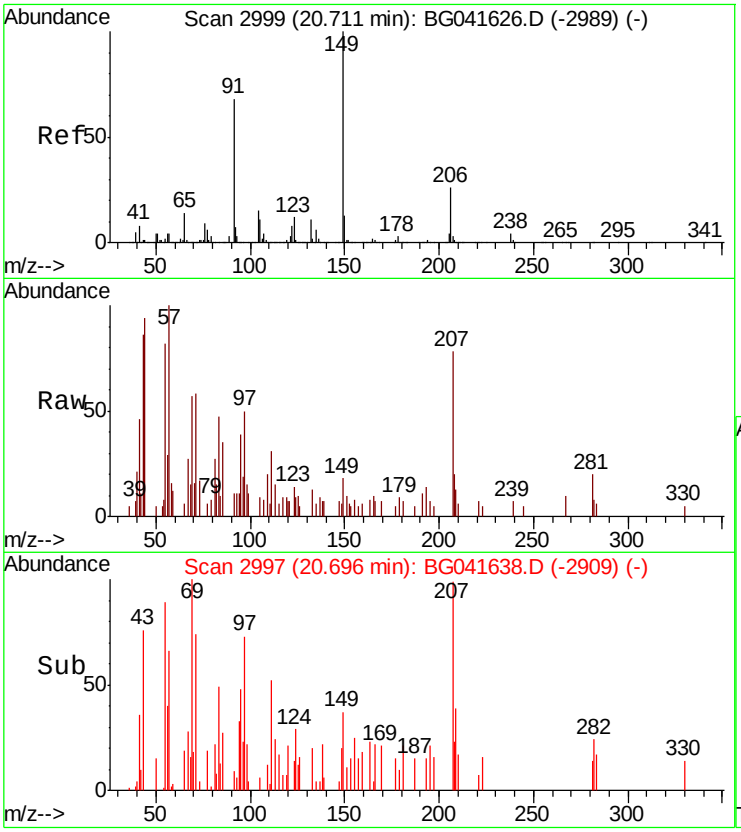


#79
Terphenyl-d14
Concen: 97.340 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:244 Resp: 2056785

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.6	10.0#
122	13.0	5.0	7.4#



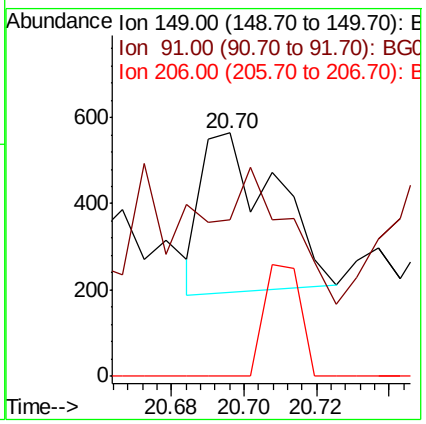


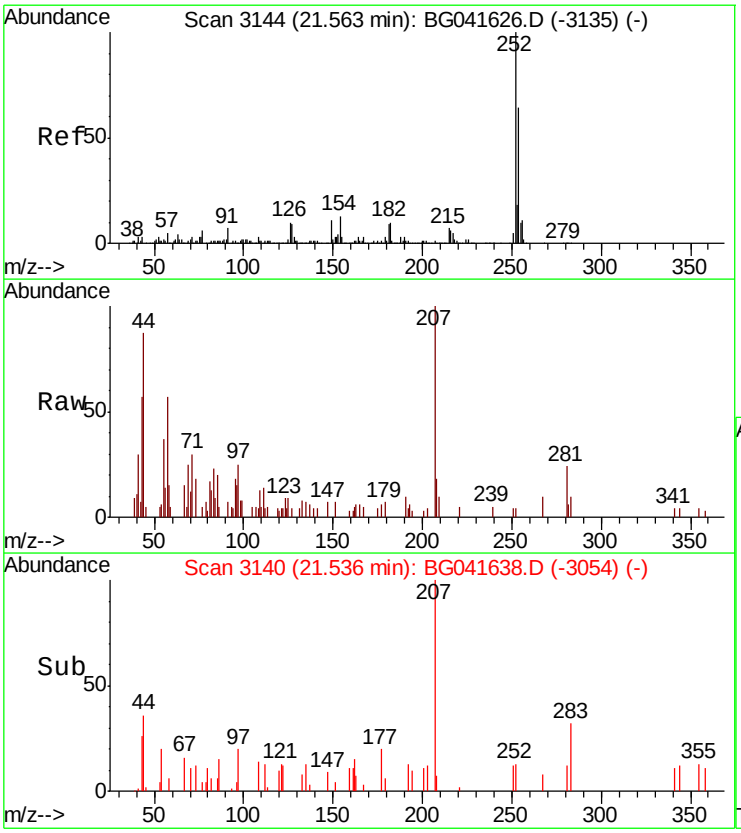
#80
Butylbenzylphthalate
Concen: Below Cal
RT: 20.70 min Scan# 2997
Delta R.T. -0.02 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 518

Ion	Ratio	Lower	Upper
149	100		
91	64.5	53.2	79.8
206	0.0	20.3	30.5#

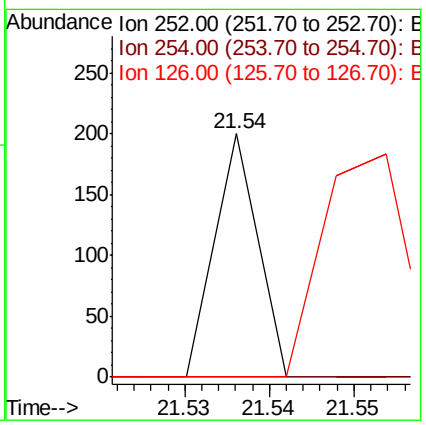


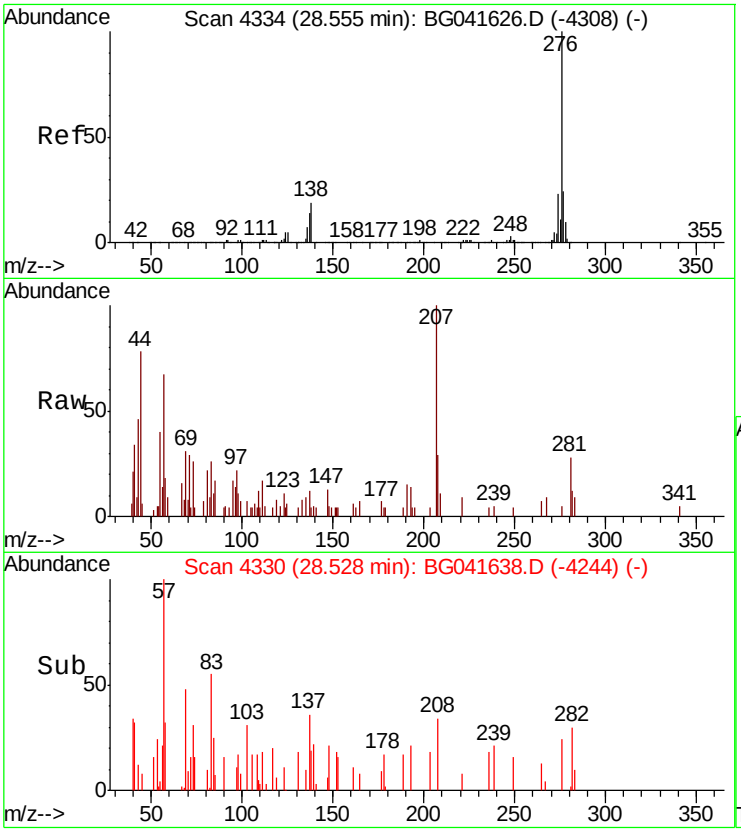


#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.54 min Scan# 3140
Delta R.T. -0.03 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:252 Resp: 71

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	0.0	6.0	9.0#



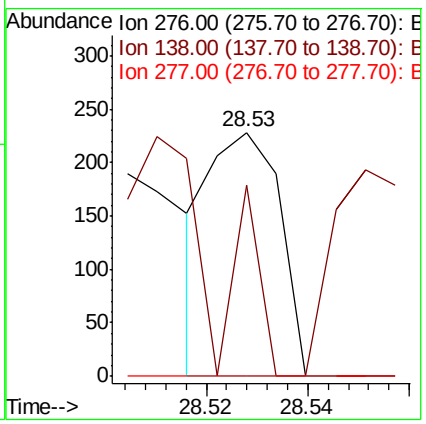


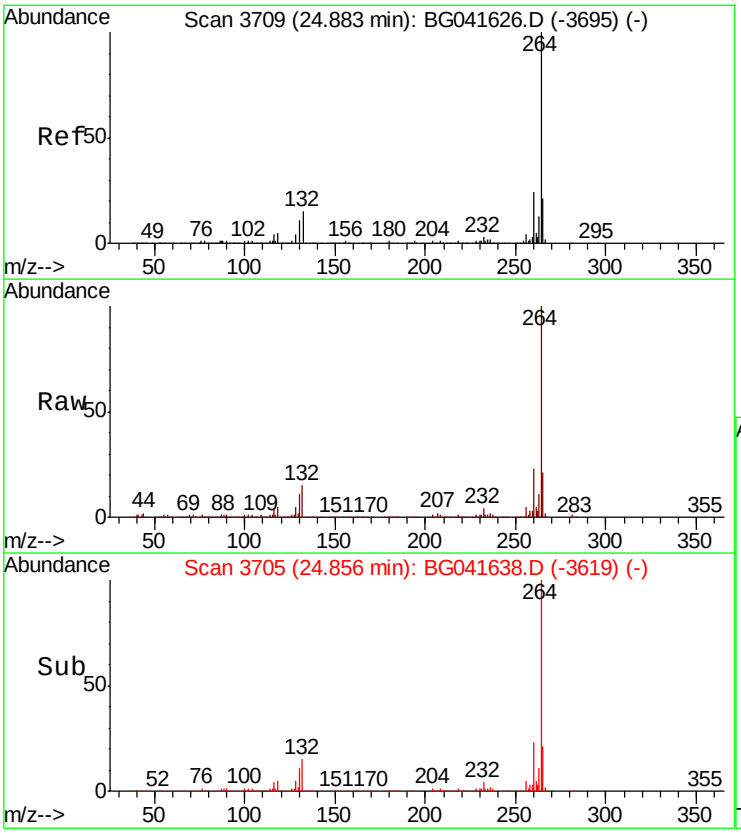
#86
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 28.53 min Scan# 4330
Delta R.T. -0.03 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 220

Ion	Ratio	Lower	Upper
276	100		
138	152.7	7.7	11.5#
277	0.0	20.6	31.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG041638.D
Acq: 12 Jul 2019 13:40

Tgt Ion:264 Resp: 579410

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.2
265	21.4	17.2	25.8