Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039331.D
Acq On : 30 Jan 2019 17:12
Operator : JU/SJ
Sample : K1282-35
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TPW1

Quant Time: Jan 31 05:41:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	44792	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	192986	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	129255	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	311125	20.00	ng		0.00
76) Chrysene-d12	21.84	240	317556	20.00	ng		0.00
87) Perylene-d12	25.23	264	327520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	179657	68.65	ng		0.00
7) Phenol-d6	7.31	99	161627	41.96	ng		0.00
23) Nitrobenzene-d5	9.36	82	324350	105.00	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	211479	151.94	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	807166	89.58	ng		0.00
79) Terphenyl-d14	20.15	244	1238366	82.54	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.32	77	515	Below Cal		#	4
10) Phenol	7.34	94	10834	2.698	ng		94
19) n-Nitroso-di-n-propylamine	9.36	70	42013	15.366	ng	#	77
32) Benzoic acid	10.17	122	58	9.047	ng	#	1
48) 2-Nitroaniline	13.43	65	1448	8.812	ng	#	1
51) 2,6-Dinitrotoluene	14.81	165	15837	13.567	ng	#	25
57) 2,4-Dinitrotoluene	14.81	165	15837	13.129	ng	#	20
62) 4-Nitroaniline	16.34	138	60	4.228	ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.29	198	780	4.979	ng	#	1
67) 4-Bromophenyl-phenylether	16.29	248	16315	4.727	ng	#	1
77) Benzidine	20.15	184	22396	2.151	ng		97

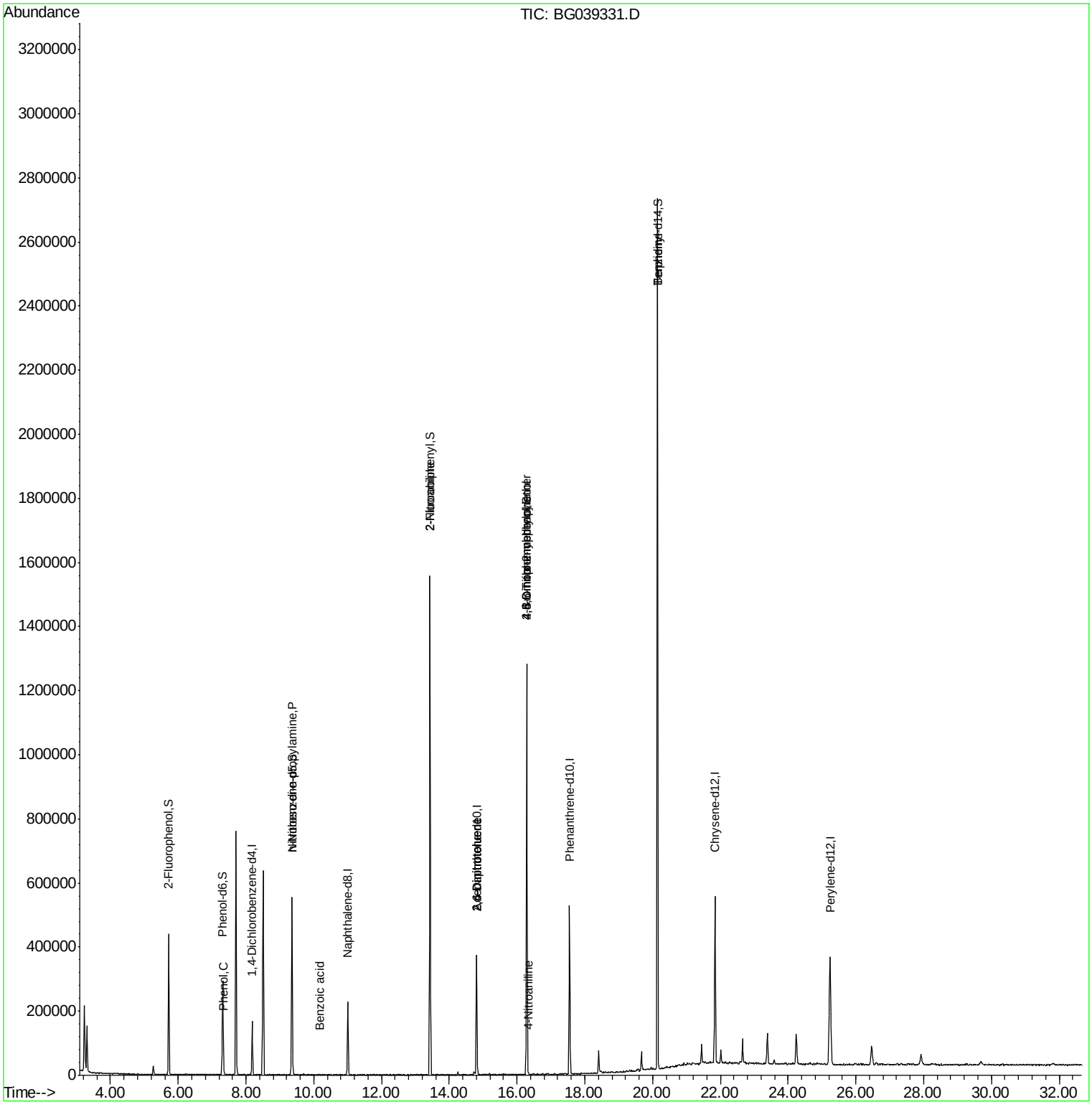
(#) = qualifier out of range (m) = manual integration (+) = signals summed

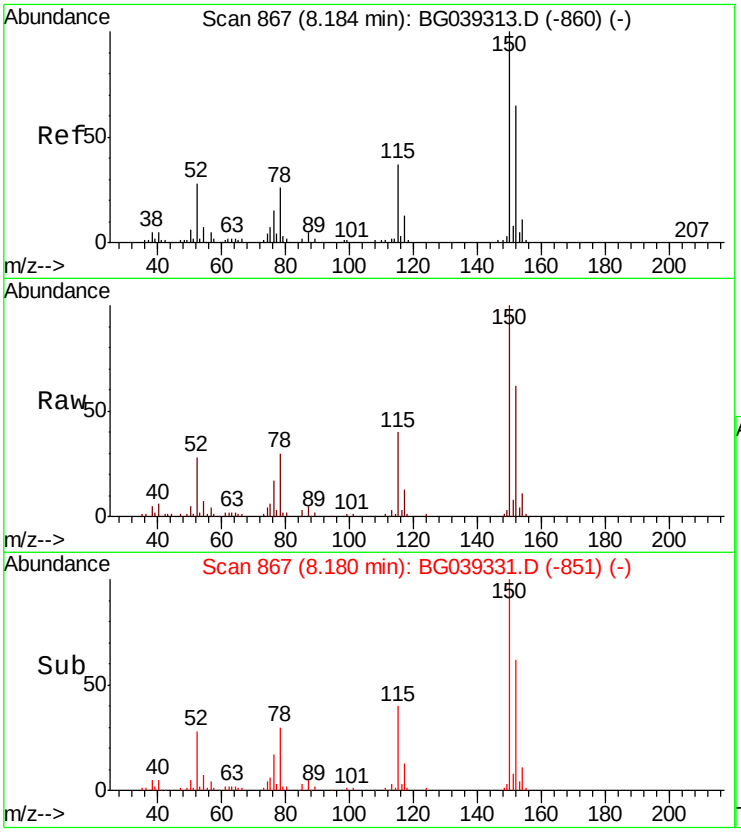
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039331.D
Acq On : 30 Jan 2019 17:12
Operator : JU/SJ
Sample : K1282-35
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TPW1

Quant Time: Jan 31 05:40:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



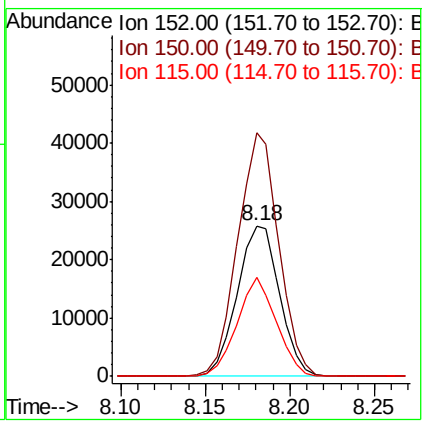


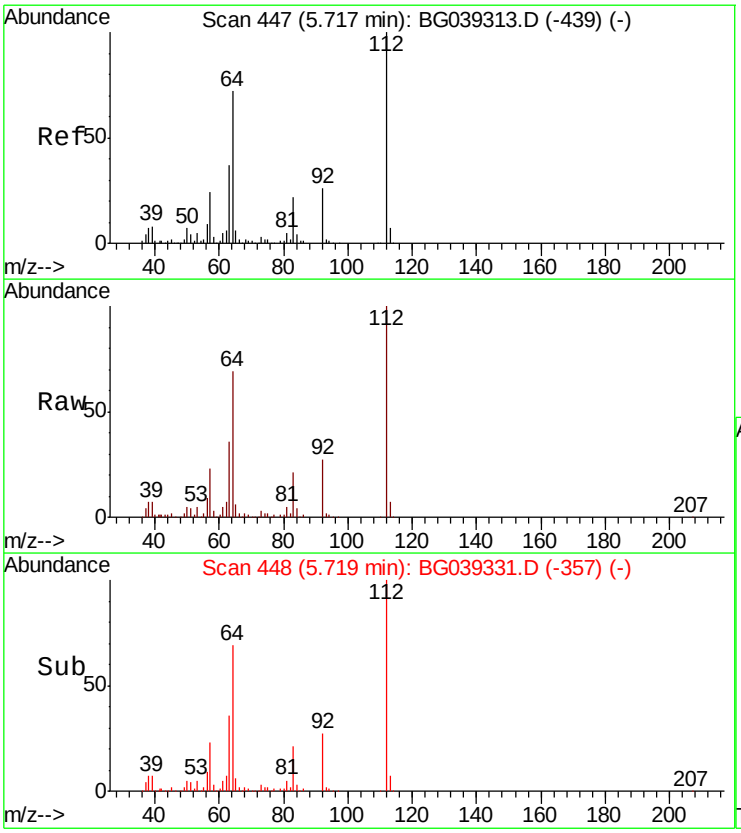
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:152 Resp: 44792

Ion	Ratio	Lower	Upper
152	100		
150	162.0	123.7	185.5
115	65.5	45.9	68.9

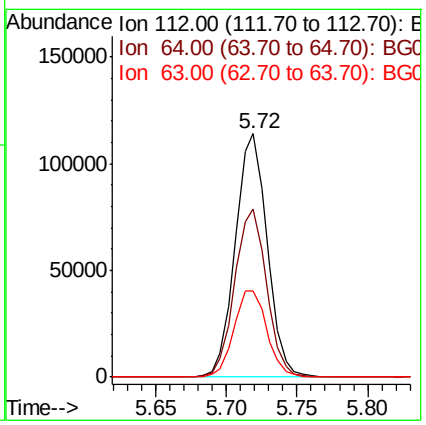


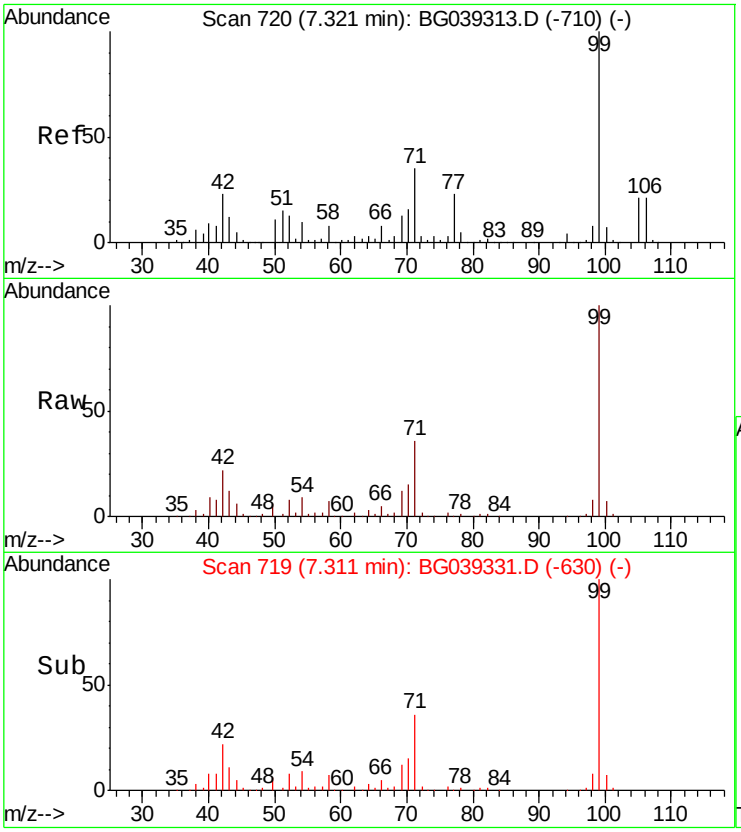


#5
2-Fluorophenol
Concen: 68.647 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:112 Resp: 179657

Ion	Ratio	Lower	Upper
112	100		
64	68.9	57.8	86.8
63	35.5	29.8	44.6



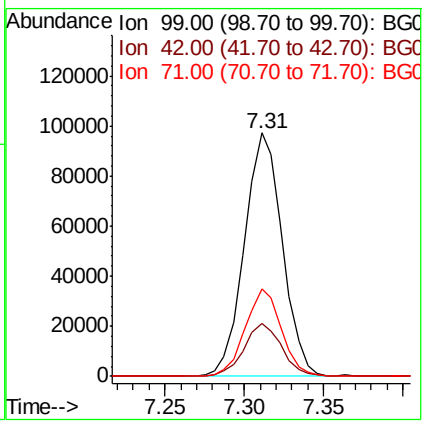


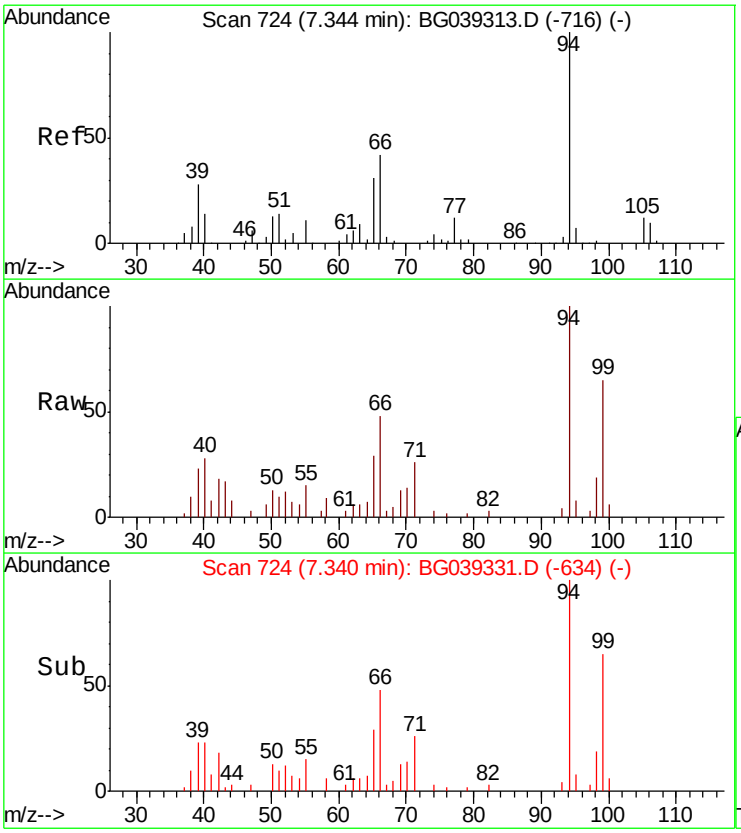
#7
Phenol-d6
Concen: 41.956 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion: 99 Resp: 161627

Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.2	27.2
71	35.8	28.0	42.0

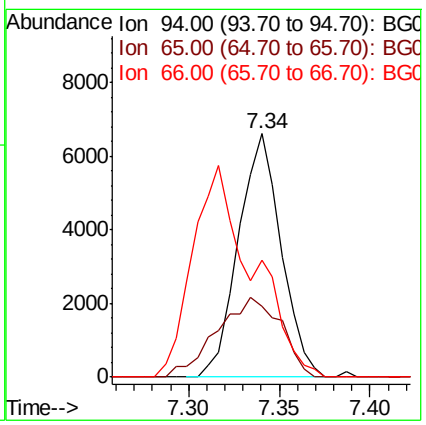


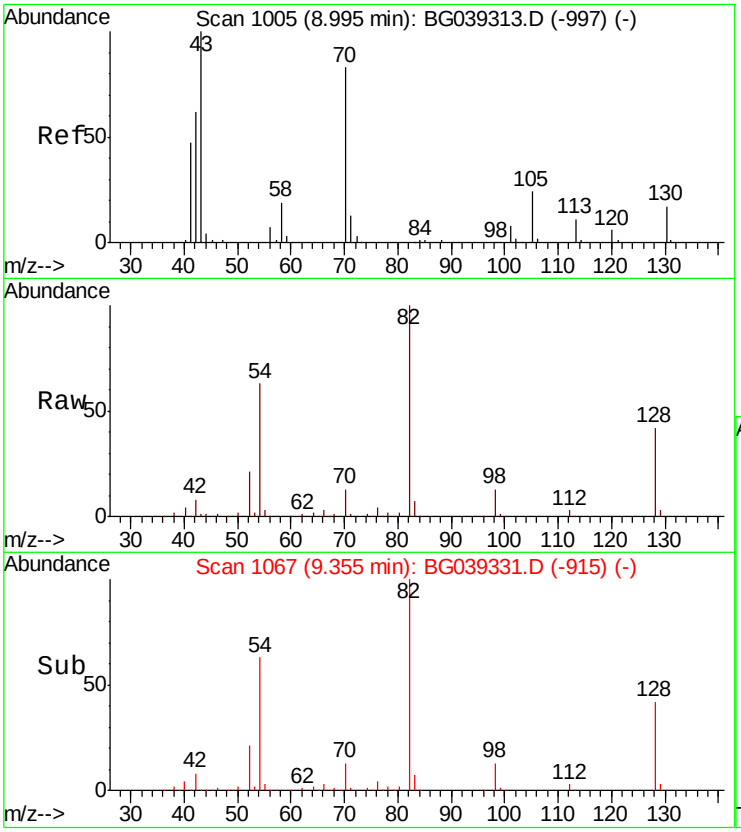


#10
Phenol
Concen: 2.698 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion: 94 Resp: 10834

Ion	Ratio	Lower	Upper
94	100		
65	29.1	11.7	51.7
66	48.0	23.7	63.7



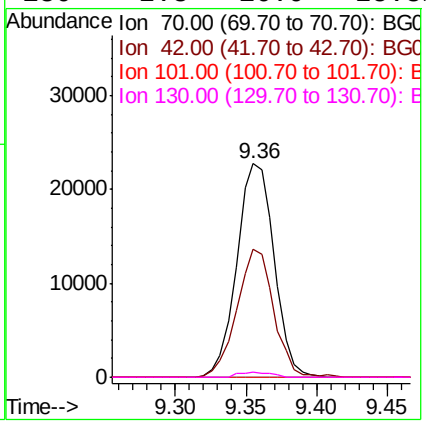


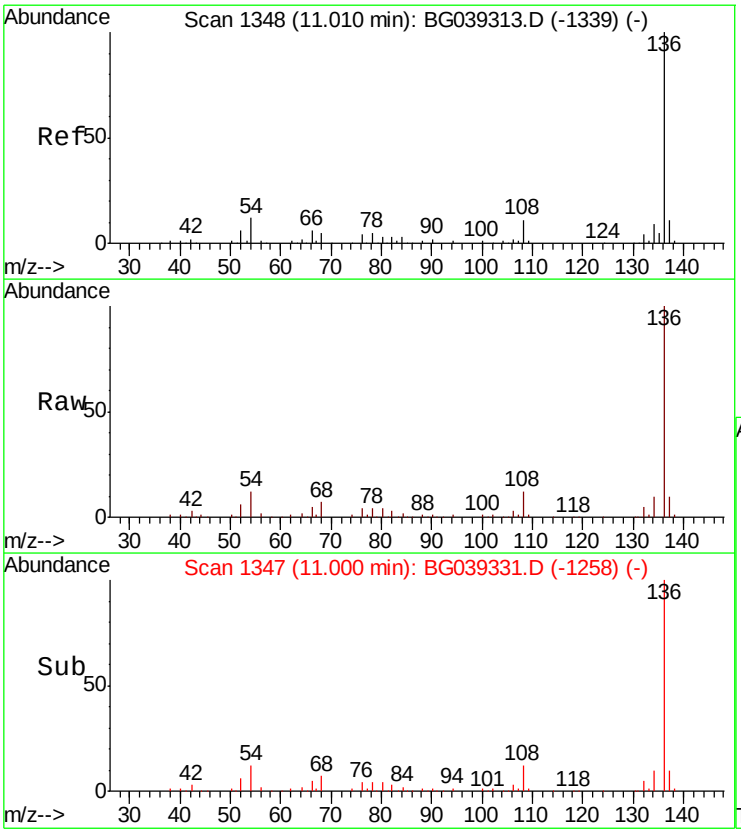
#19
n-Nitroso-di-n-propylamine
Concen: 15.366 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion: 70 Resp: 42013

Ion	Ratio	Lower	Upper
70	100		
42	60.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#

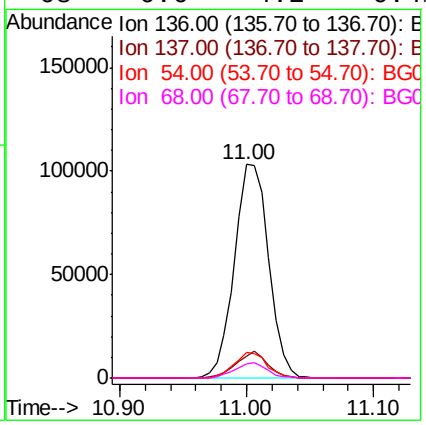


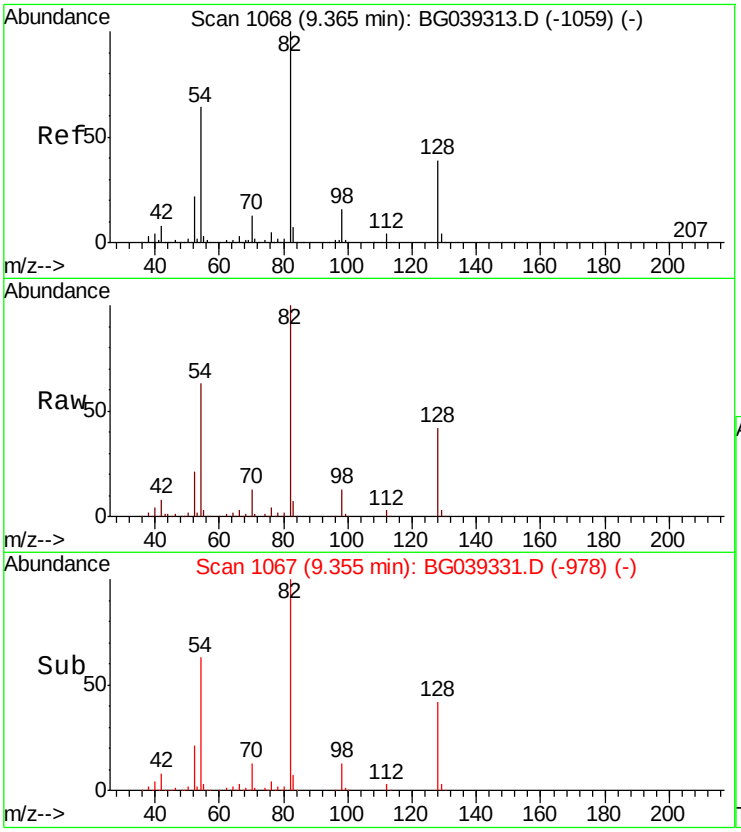


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:136 Resp: 192986

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	11.8	9.4	14.2
68	6.6	4.2	6.4#



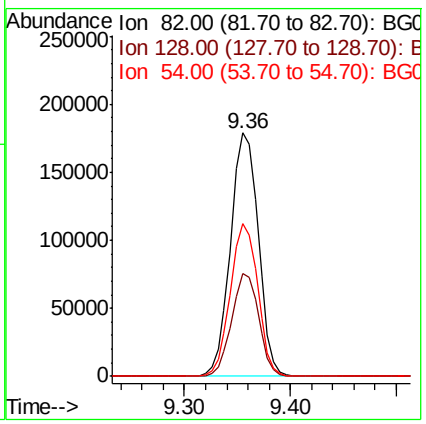


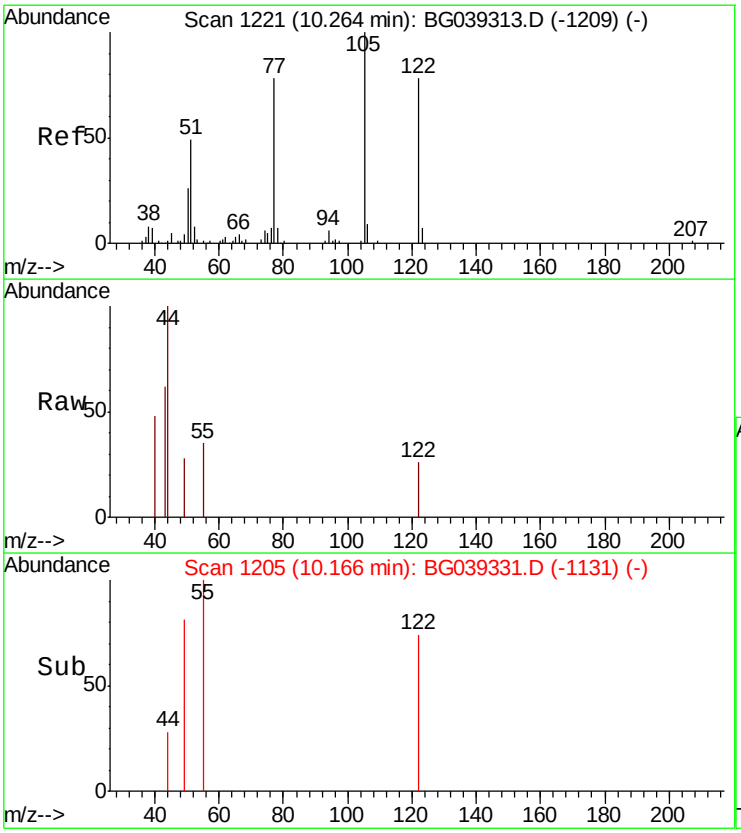
#23
Nitrobenzene-d5
Concen: 104.995 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion: 82 Resp: 324350

Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	63.0	50.9	76.3

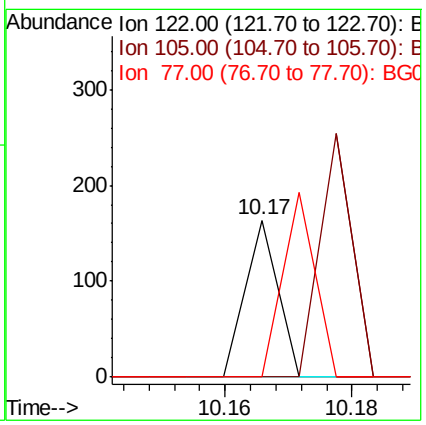


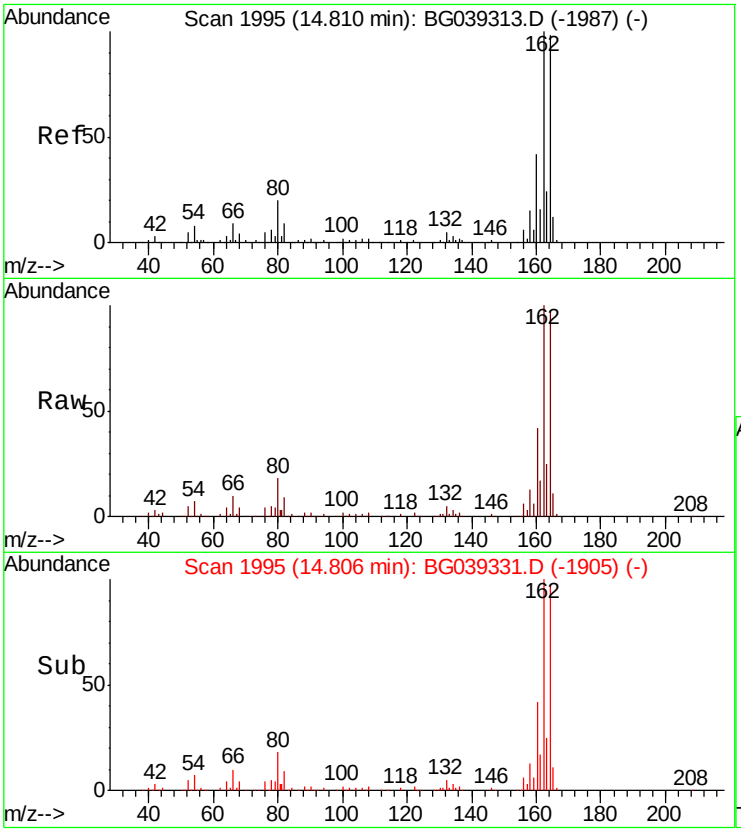


#32
Benzoic acid
Concen: 9.047 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.10 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



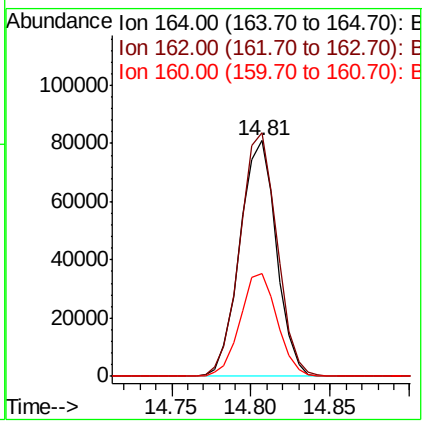


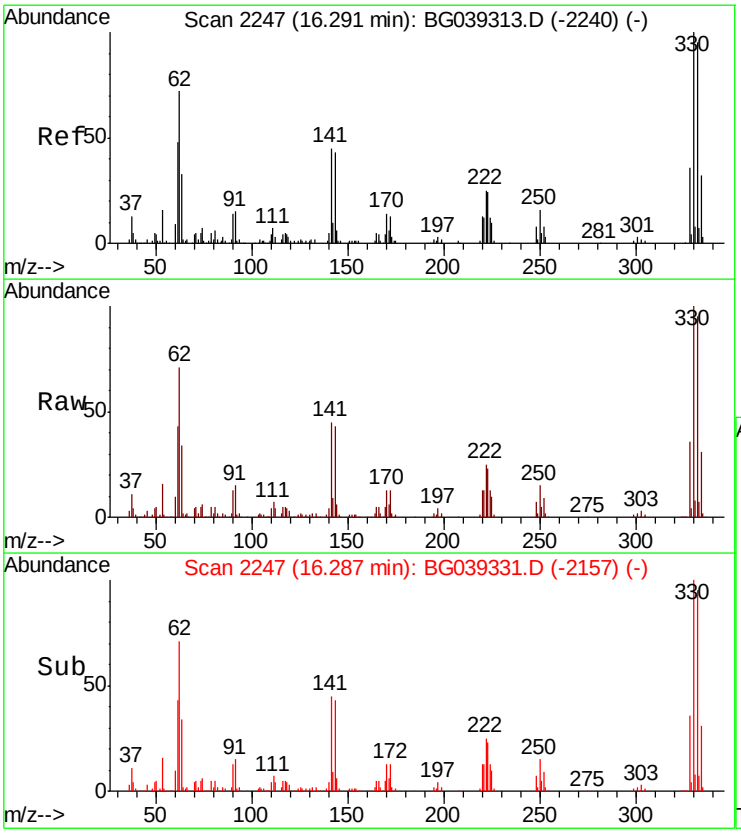
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:164 Resp: 129255

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.6	122.4
160	43.8	34.2	51.2

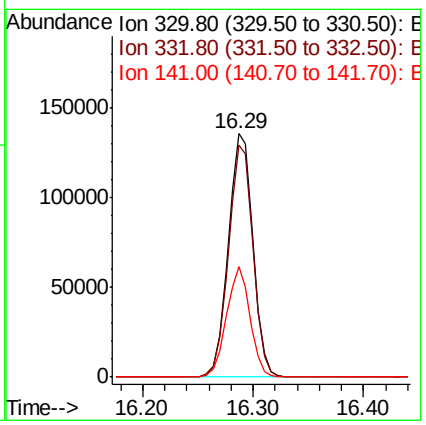


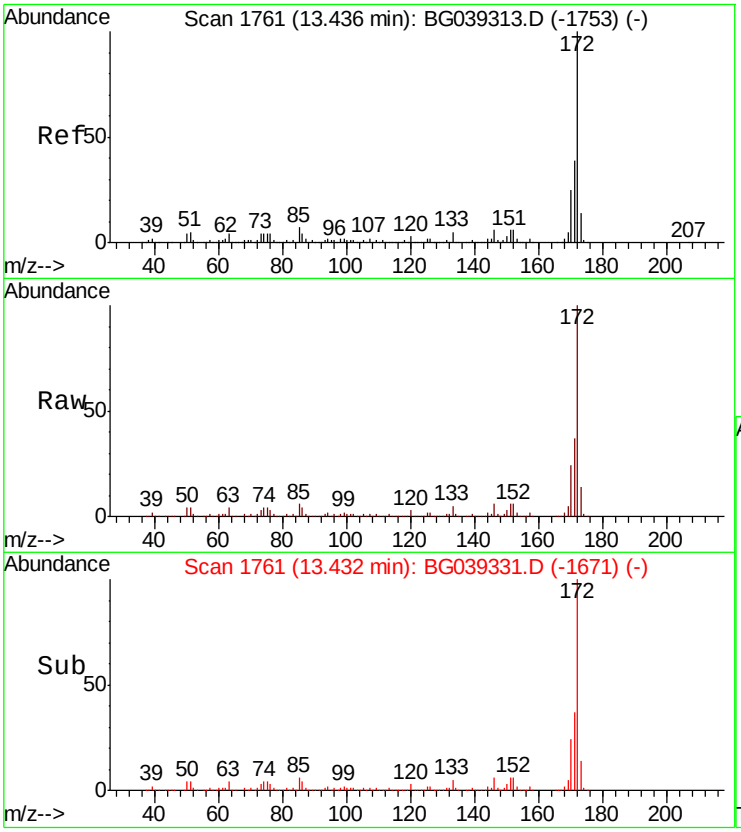


#42
2,4,6-Tribromophenol
Concen: 151.940 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:330 Resp: 211479

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	43.3	35.6	53.4



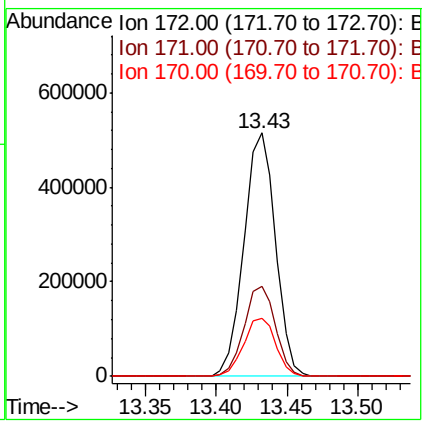


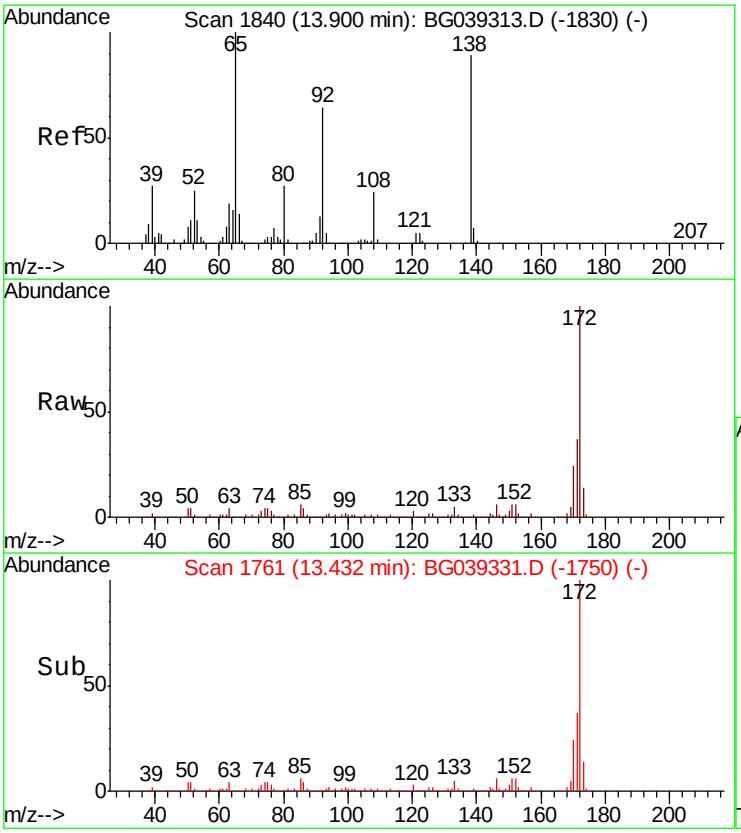
#45
2-Fluorobiphenyl
Concen: 89.584 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:172 Resp: 807166

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.0	20.2	30.4

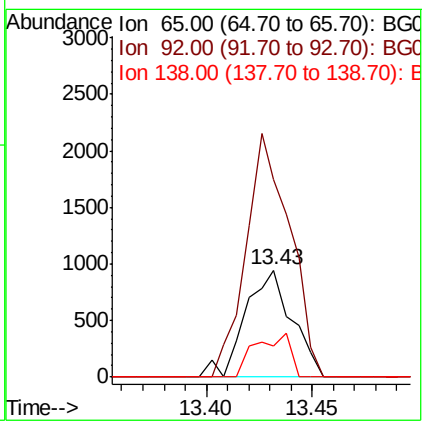


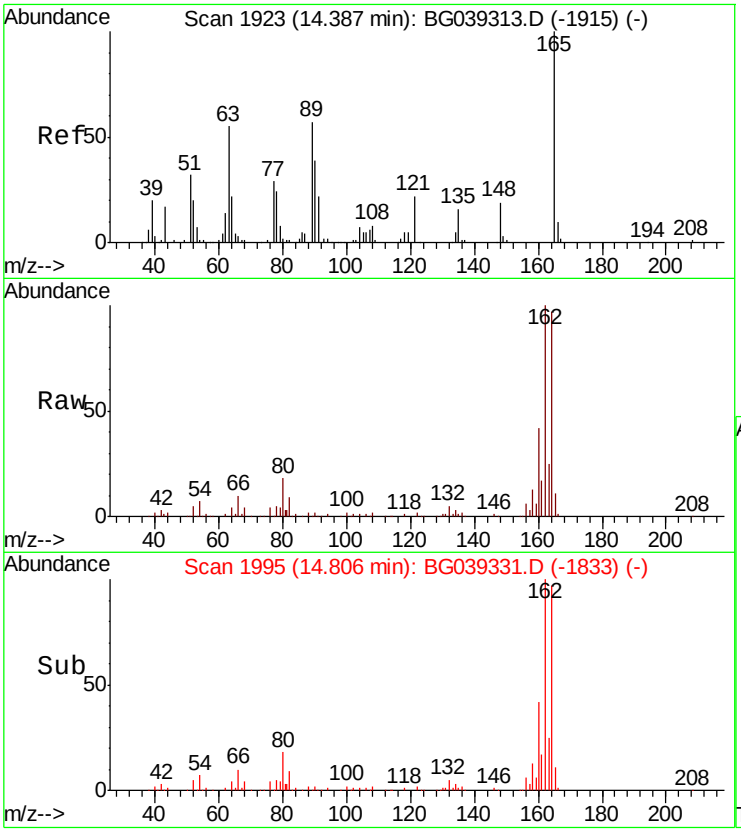


#48
2-Nitroaniline
Concen: 8.812 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.47 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion: 65 Resp: 1448

Ion	Ratio	Lower	Upper
65	100		
92	184.2	51.4	77.2#
138	29.5	71.4	107.2#



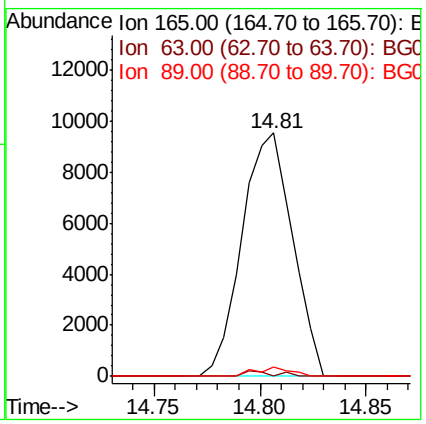


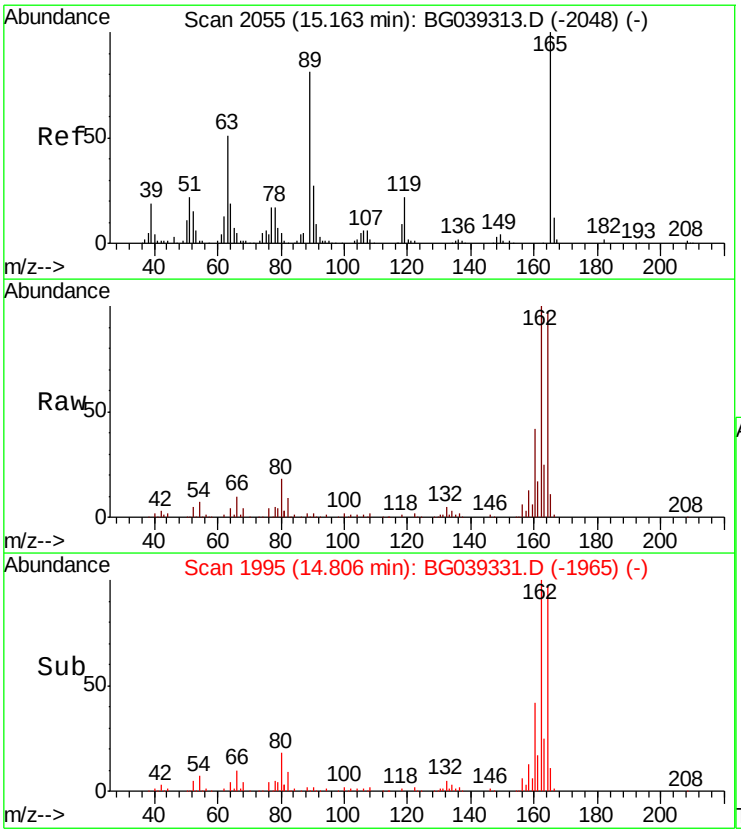
#51
2,6-Dinitrotoluene
Concen: 13.567 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.42 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:165 Resp: 15837

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	4.1	45.8	68.8#

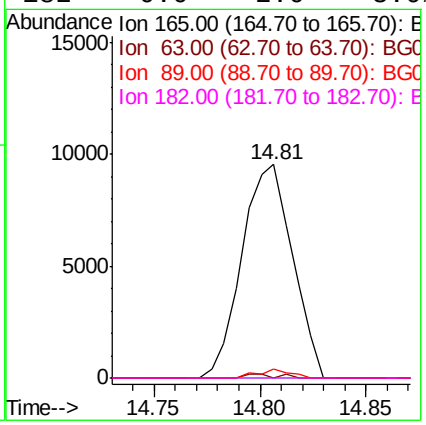


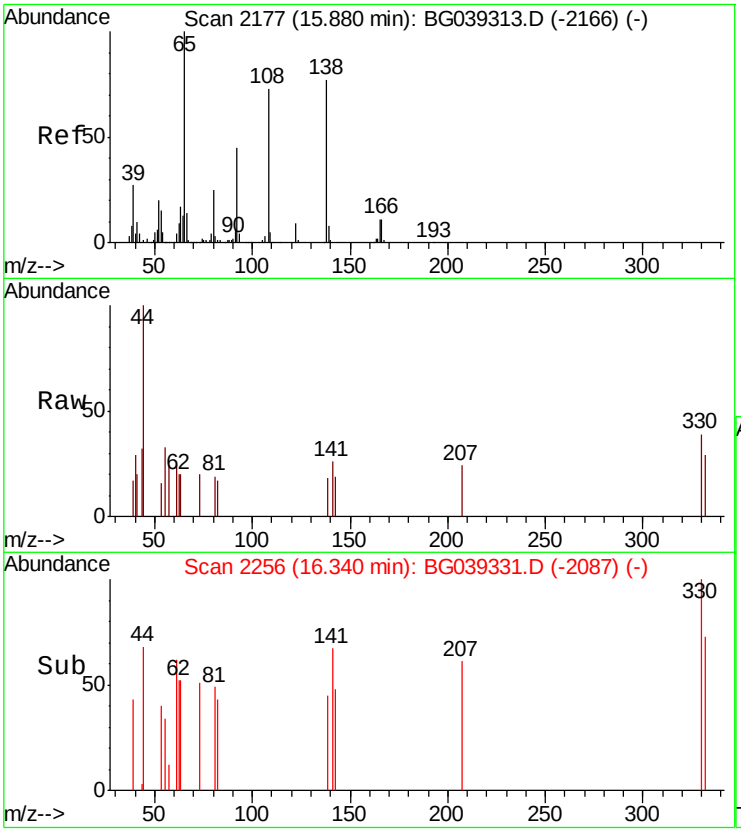


#57
2,4-Dinitrotoluene
Concen: 13.129 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.36 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:165 Resp: 15837

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	4.1	64.6	96.8#
182	0.0	2.0	3.0#



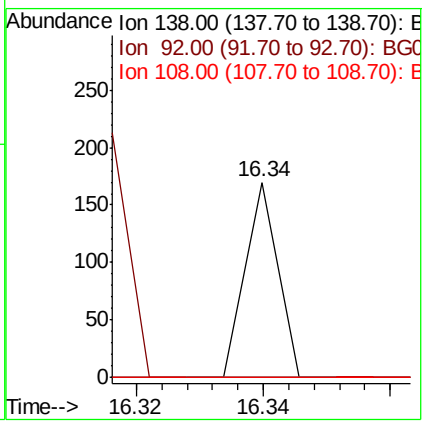


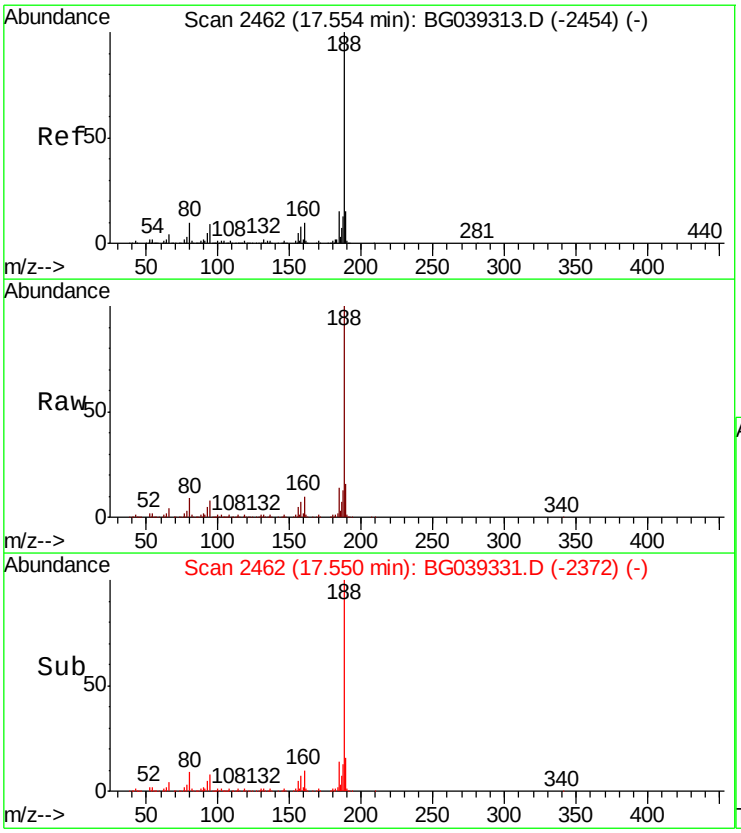
#62
4-Nitroaniline
Concen: 4.228 ng
RT: 16.34 min Scan# 2256
Delta R.T. 0.46 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:138 Resp: 60

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#

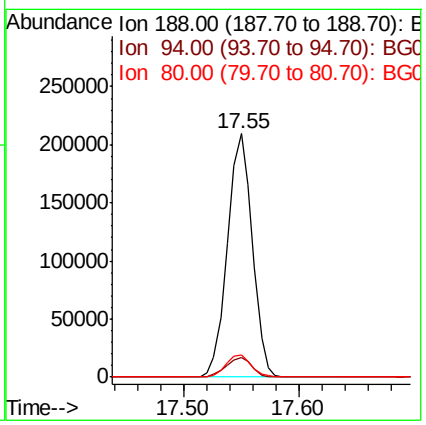


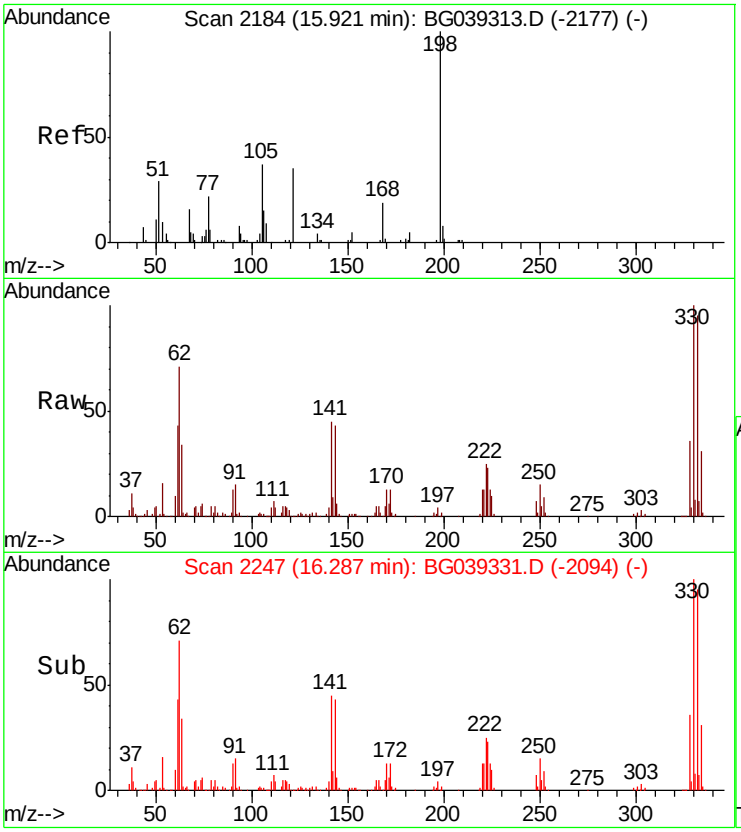


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:188 Resp: 311125

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.3	8.1	12.1



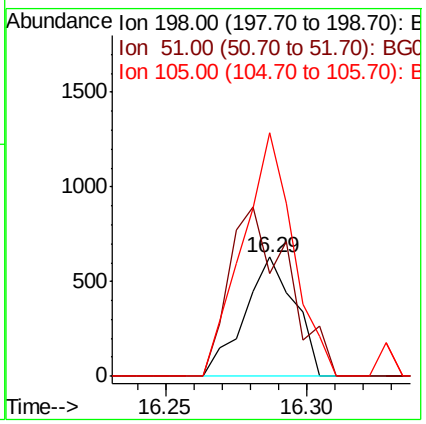


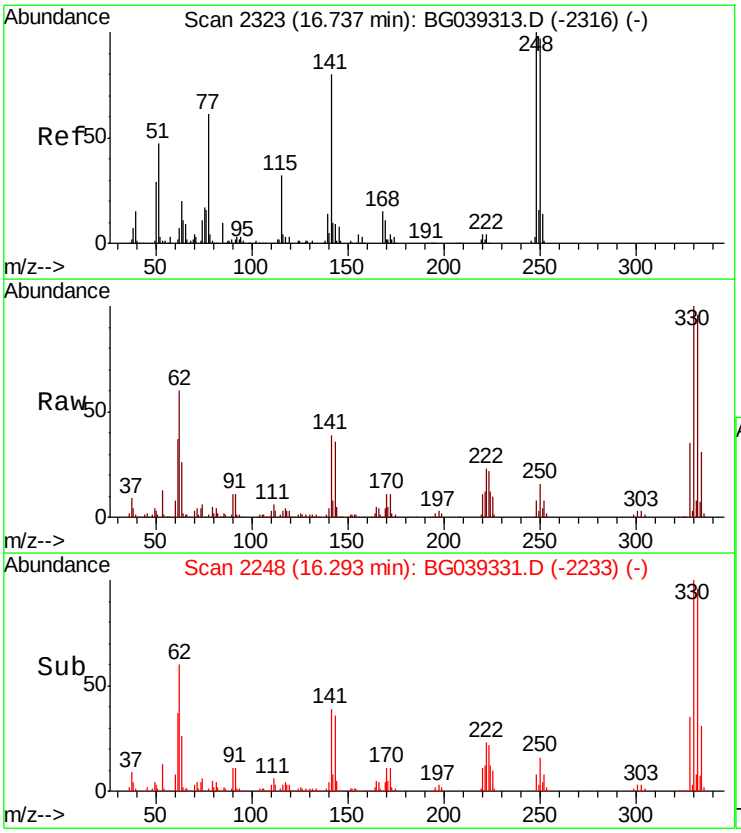
#65
4,6-Dinitro-2-methylphenol
Concen: 4.979 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.37 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:198 Resp: 780

Ion	Ratio	Lower	Upper
198	100		
51	86.2	27.4	67.4#
105	204.1	19.7	59.7#

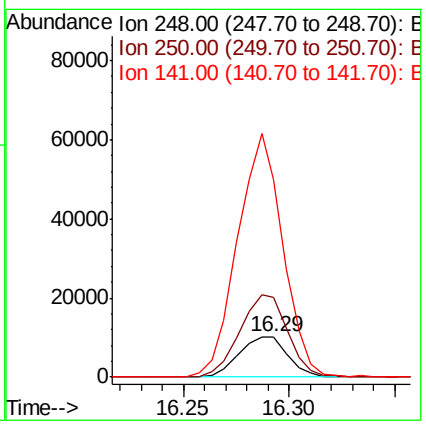


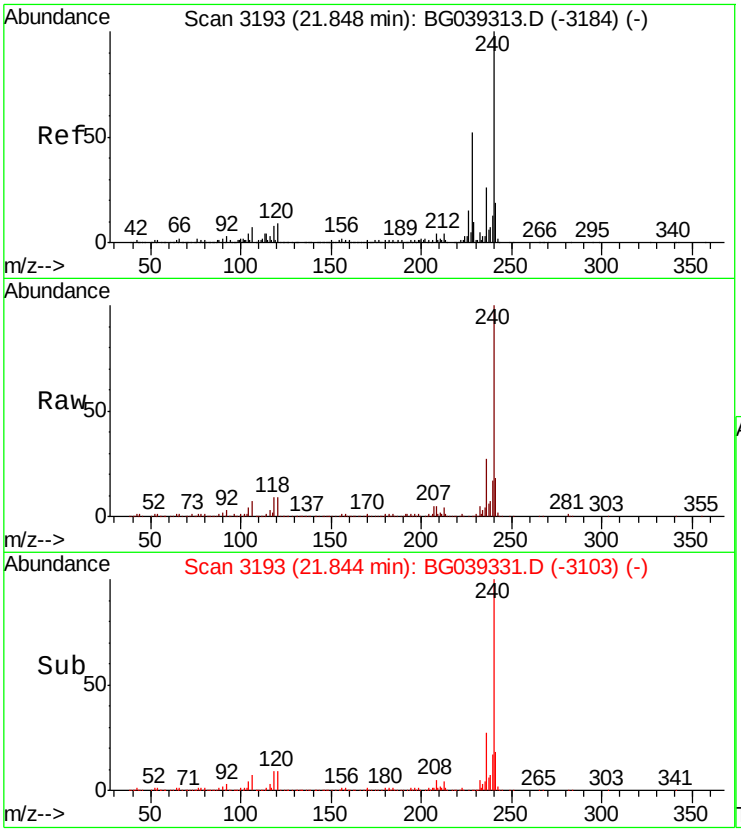


#67
4-Bromophenyl-phenylether
Concen: 4.727 ng
RT: 16.29 min Scan# 2248
Delta R.T. -0.44 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:248 Resp: 16315

Ion	Ratio	Lower	Upper
248	100		
250	198.7	77.6	116.4#
141	492.3	63.9	95.9#



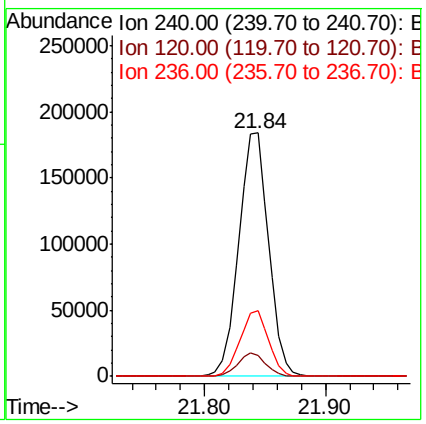


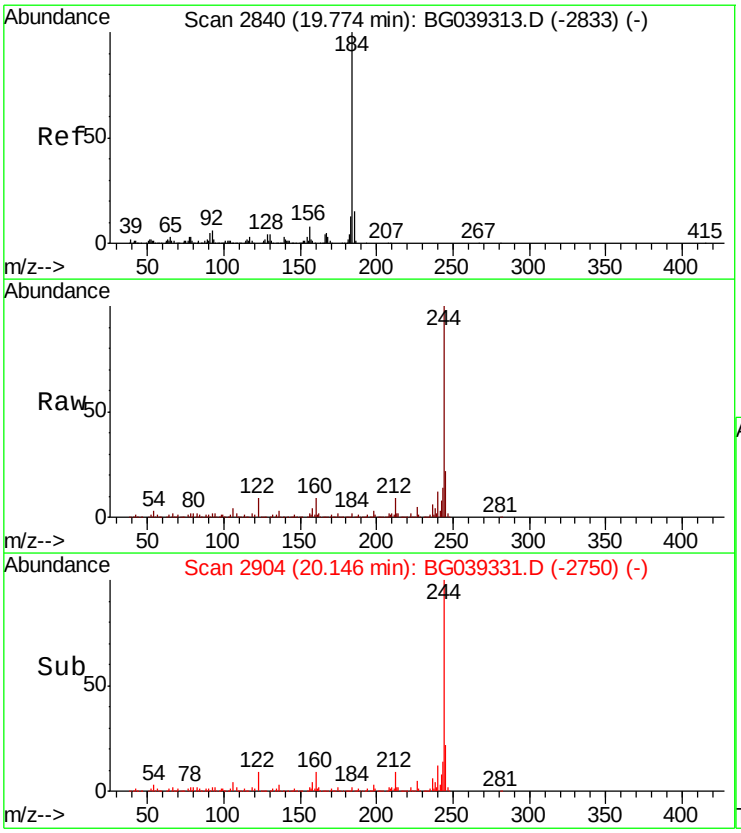
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3193
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:240 Resp: 317556

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.8	21.0	31.4

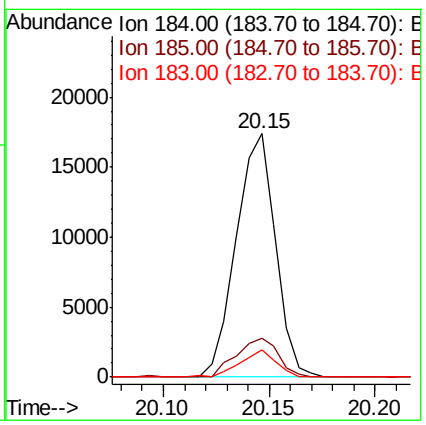


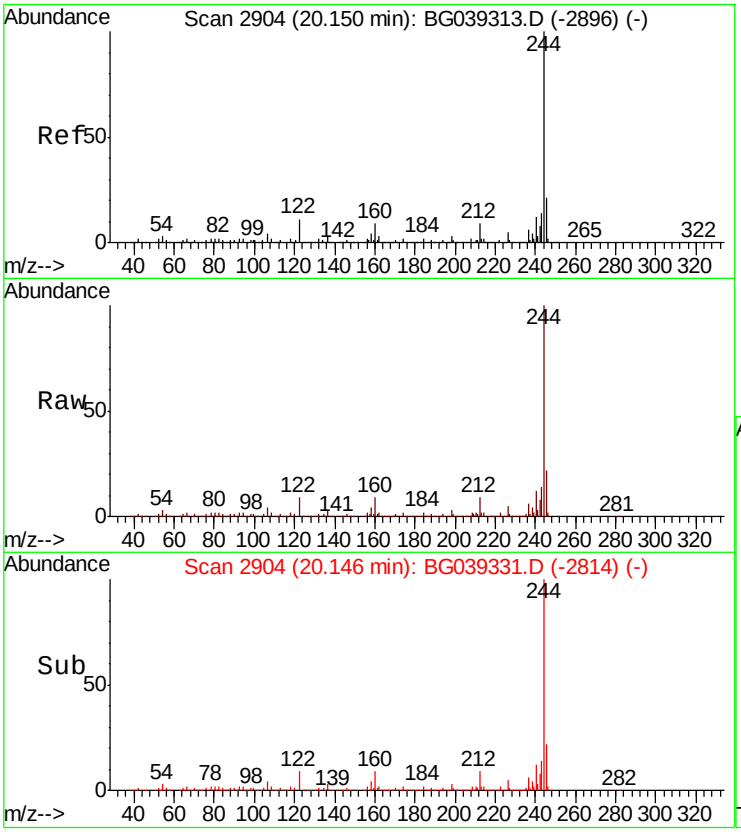


#77
Benzidine
Concen: 2.151 ng
RT: 20.15 min Scan# 2904
Delta R.T. 0.37 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:184 Resp: 22396

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.2
183	11.3	10.6	15.8



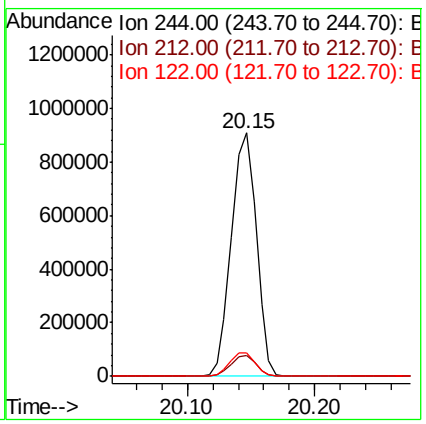


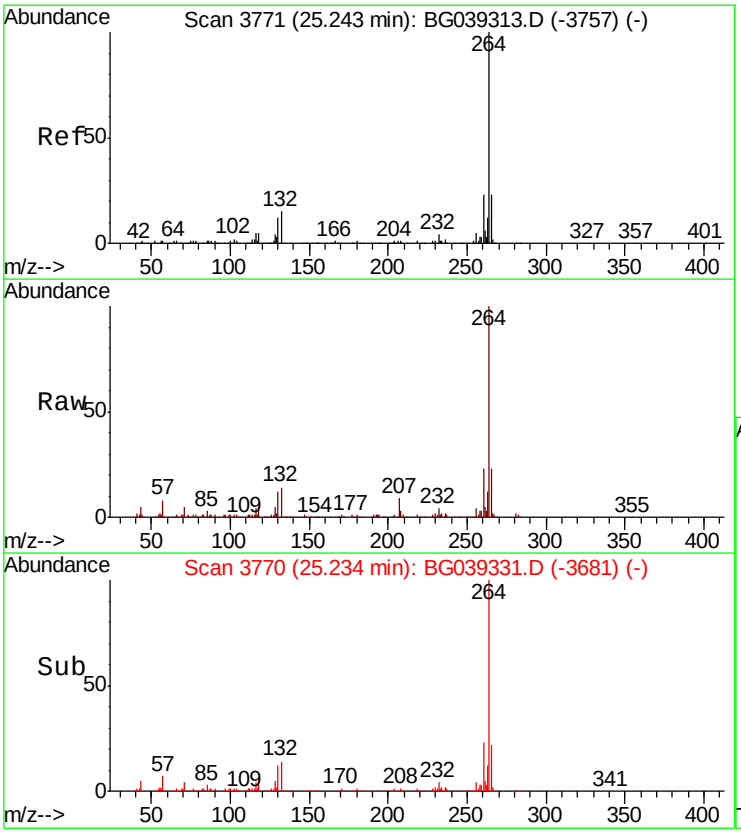
#79
Terphenyl-d14
Concen: 82.544 ng
RT: 20.15 min Scan# 2904
Delta R.T. -0.00 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TPW1

Tgt Ion:244 Resp: 1238366

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	9.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BG039331.D
Acq: 30 Jan 2019 17:12

Tgt Ion:264 Resp: 327520

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.6	18.5	27.7