Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039336.D
Acq On : 30 Jan 2019 20:31
Operator : JU/SJ
Sample : PB116724TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116724TB

Quant Time: Jan 31 05:42:56 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	42119	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	183567	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	120581	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	300177	20.00	ng	0.00
76) Chrysene-d12	21.84	240	331327	20.00	ng	-0.01
87) Perylene-d12	25.23	264	328621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	400481	162.74	ng	0.00
7) Phenol-d6	7.32	99	570094	157.38	ng	0.00
23) Nitrobenzene-d5	9.35	82	320148	108.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	203596	156.80	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	814274	96.87	ng	0.00
79) Terphenyl-d14	20.15	244	1371180	87.60	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	994	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	41963	16.321	ng	# 74
26) 2-Nitrophenol	10.32	139	88	4.089	ng	# 31
48) 2-Nitroaniline	13.43	65	1444	8.847	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	16404	14.340	ng	# 23
57) 2,4-Dinitrotoluene	14.80	165	16404	13.714	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.29	198	801	5.030	ng	# 6
67) 4-Bromophenyl-phenylether	16.29	248	15244	4.578	ng	# 1
77) Benzidine	20.15	184	24615	2.266	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
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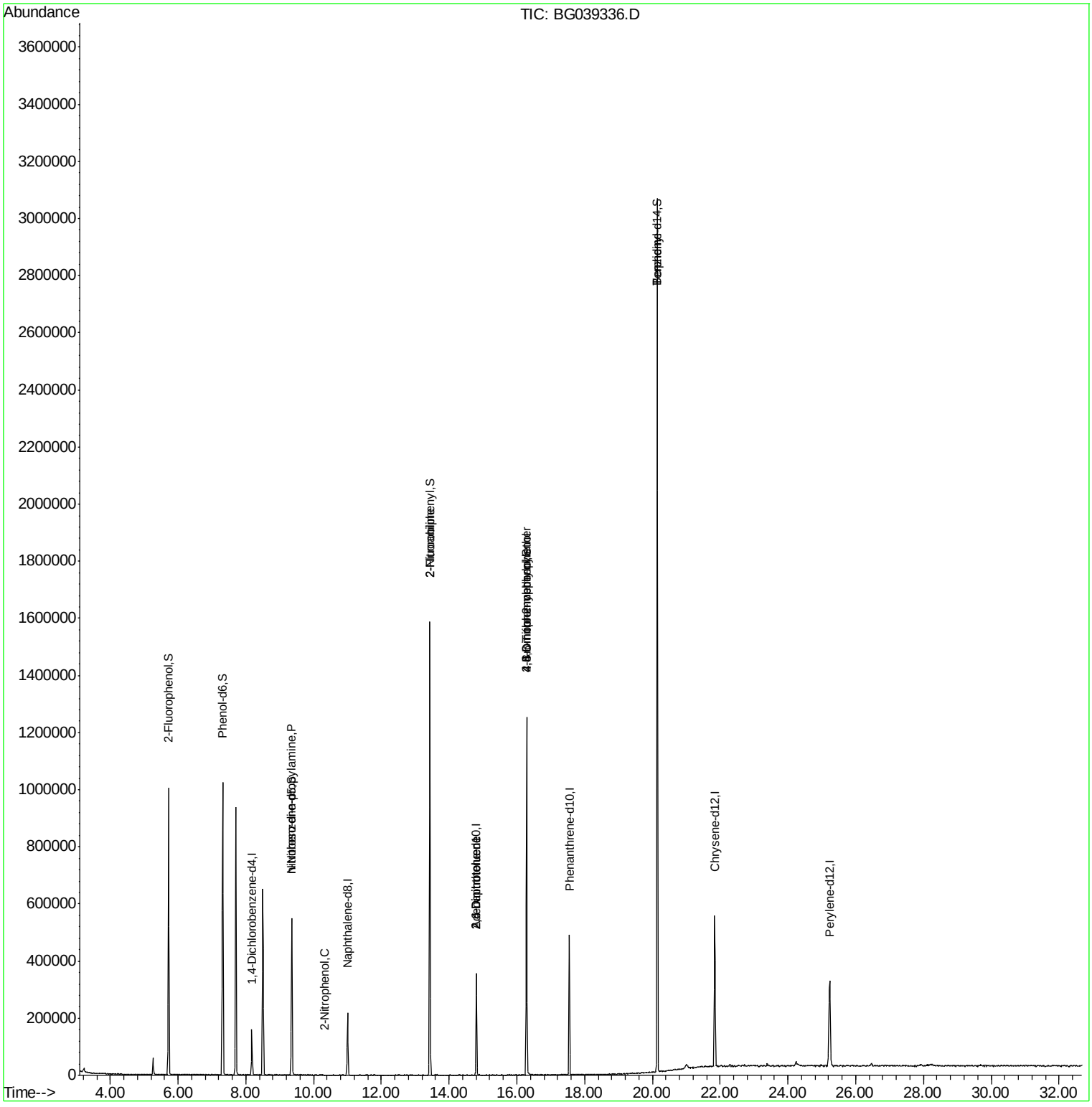
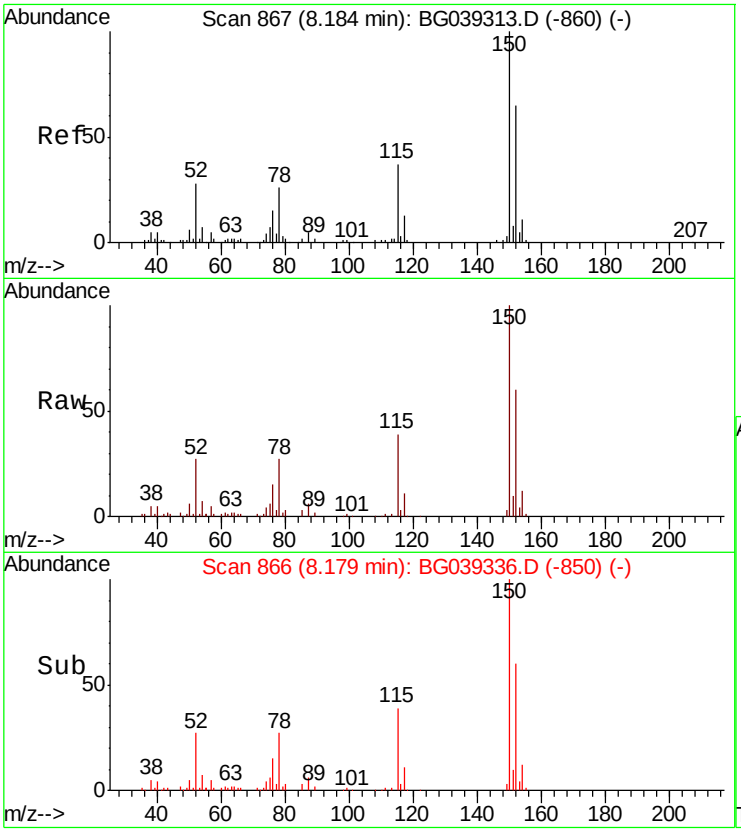
Acq On : 30 Jan 2019 20:31
Operator : JU/SJ
Sample : PB116724TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Quant Time: Jan 31 05:42:56 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



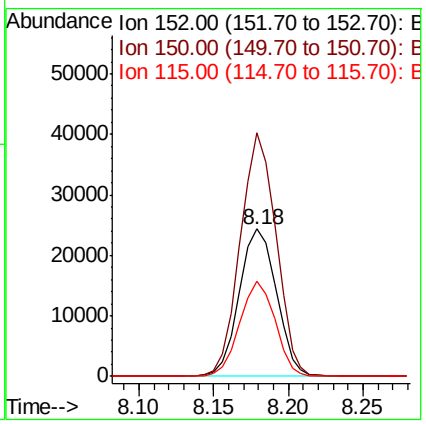


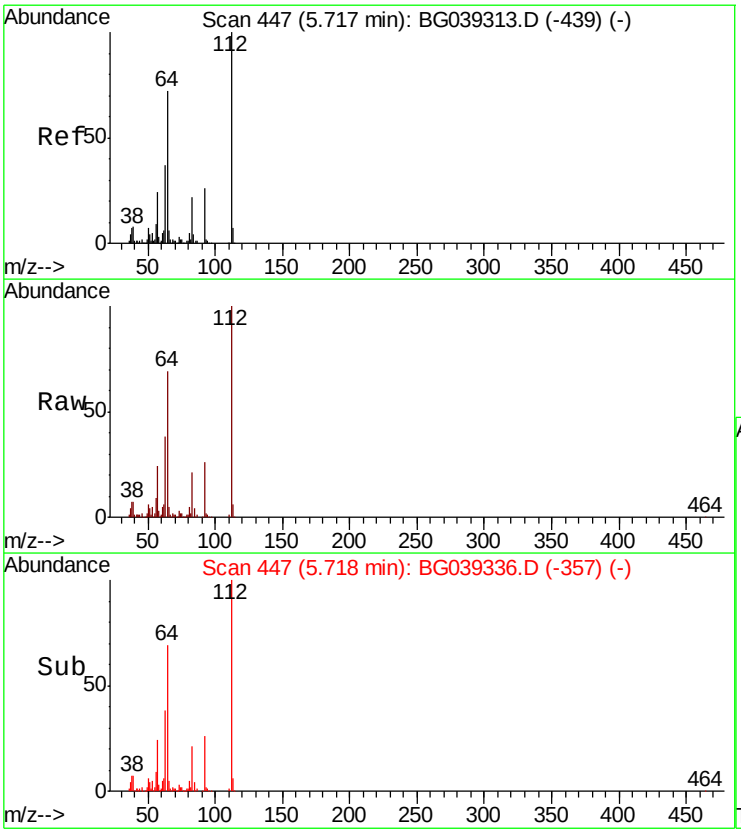
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:152 Resp: 42119

Ion	Ratio	Lower	Upper
152	100		
150	165.6	123.7	185.5
115	65.0	45.9	68.9

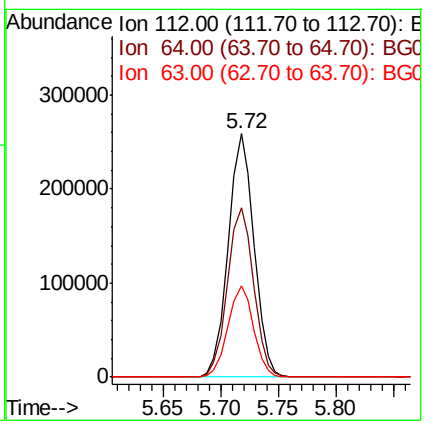


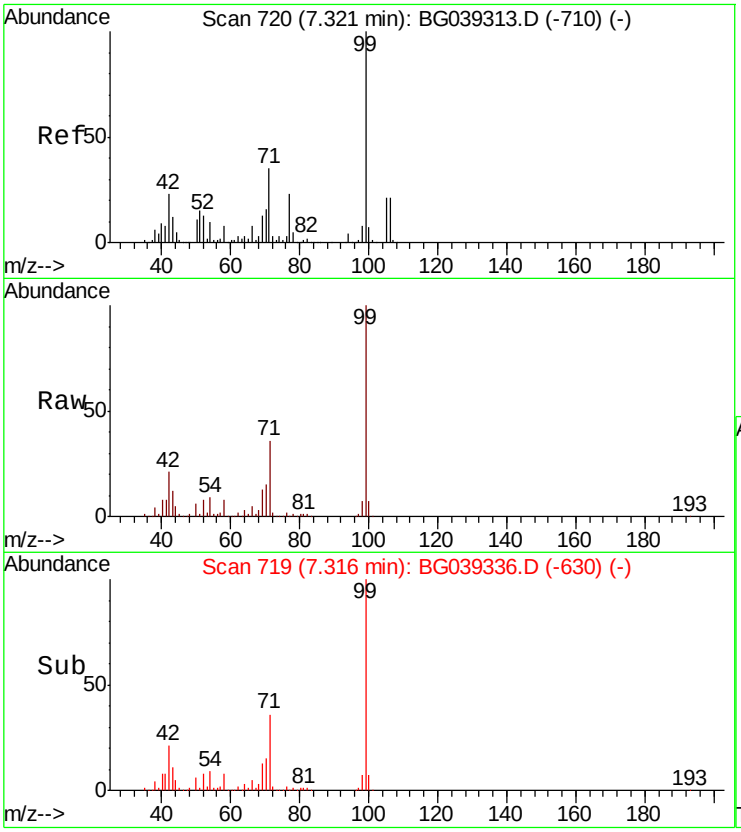


#5
2-Fluorophenol
Concen: 162.736 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:112 Resp: 400481

Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.8	86.8
63	37.7	29.8	44.6



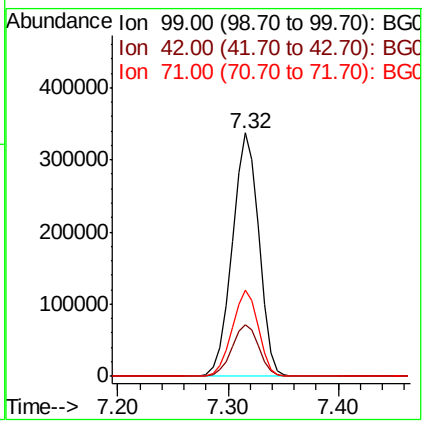


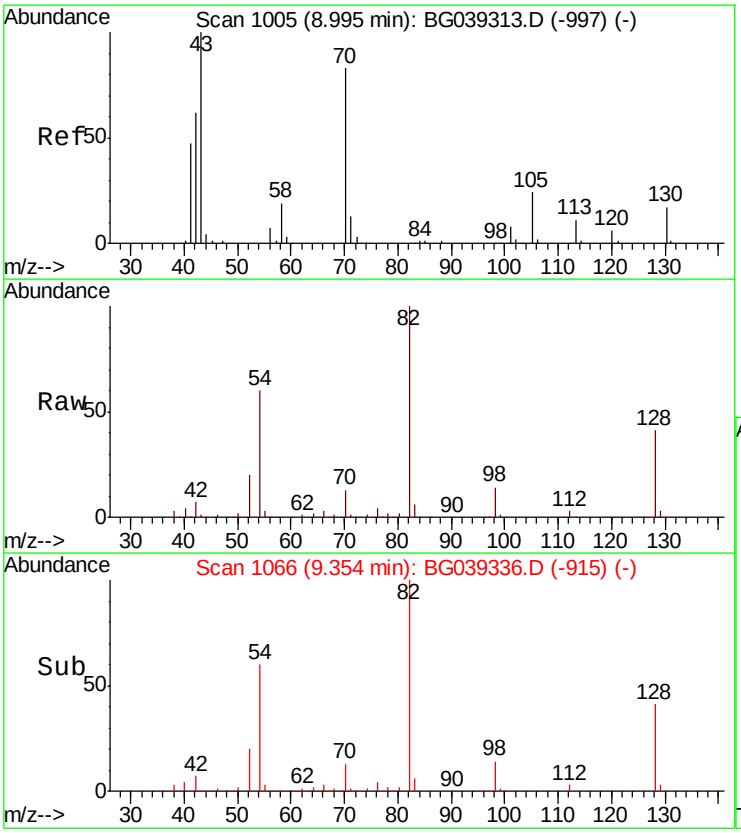
#7
Phenol-d6
Concen: 157.379 ng
RT: 7.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion: 99 Resp: 570094

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.2	27.2
71	35.6	28.0	42.0

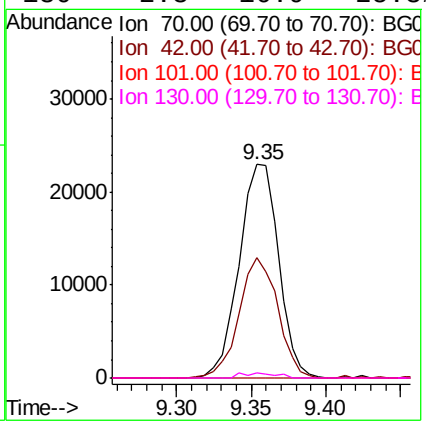


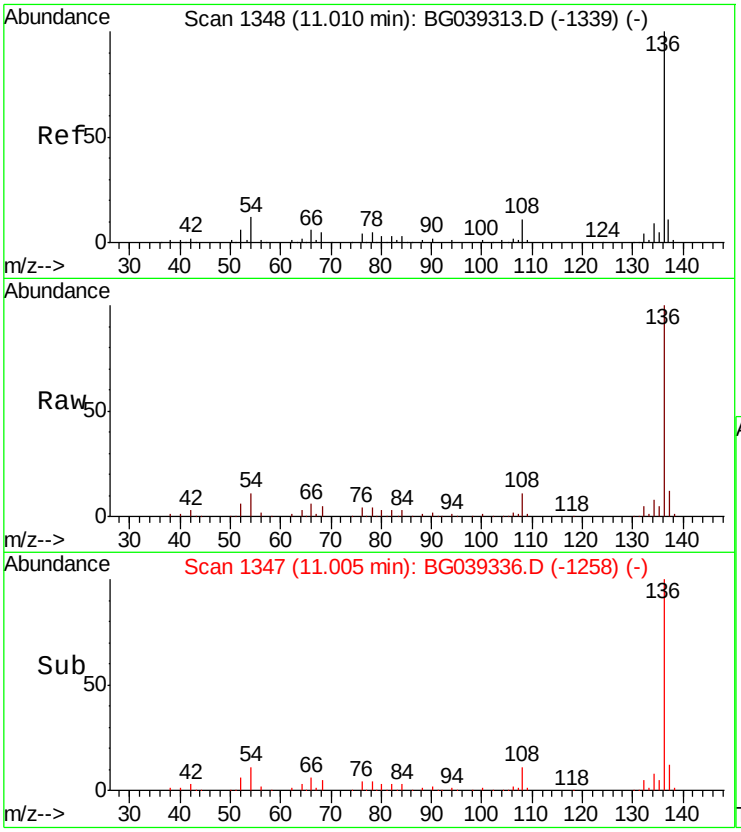


#19
n-Nitroso-di-n-propylamine
Concen: 16.321 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion: 70 Resp: 41963

Ion	Ratio	Lower	Upper
70	100		
42	56.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#



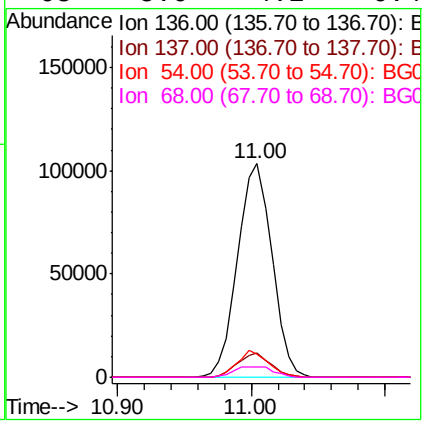


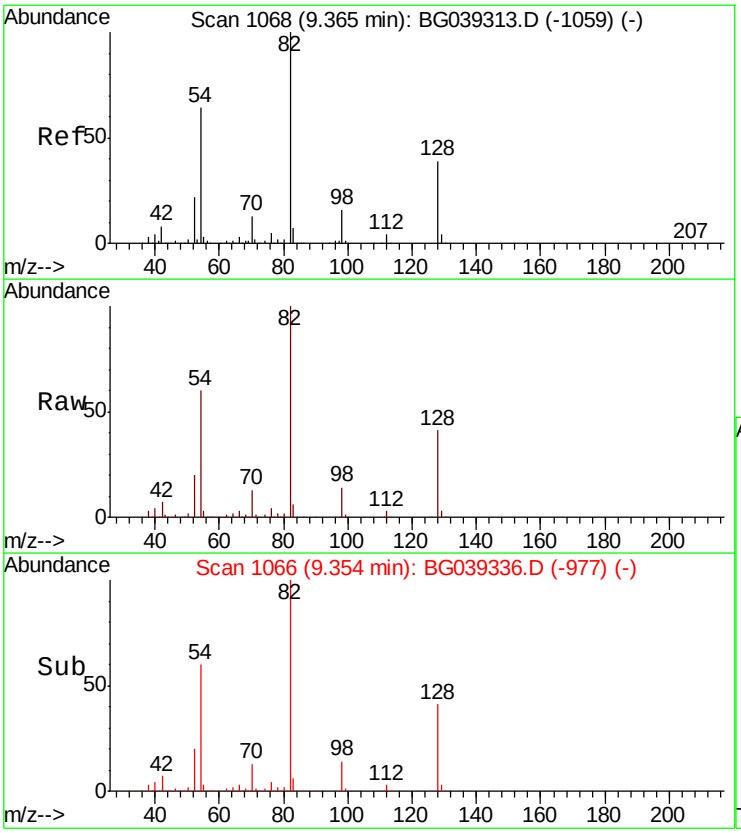
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:136 Resp: 183567

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.9	9.4	14.2
68	5.0	4.2	6.4

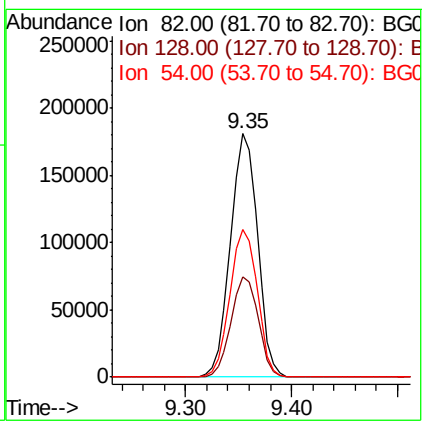


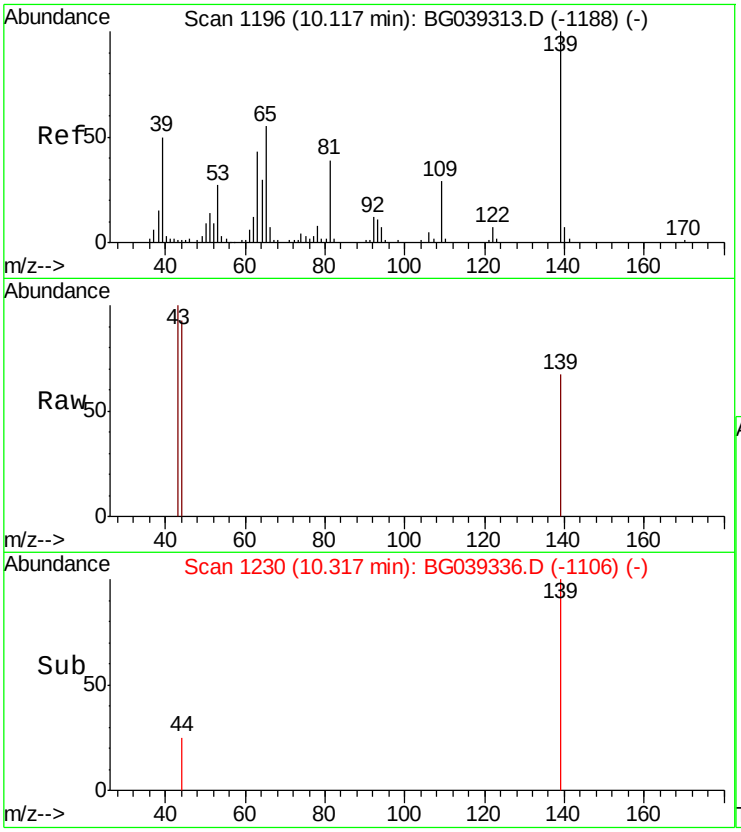


#23
Nitrobenzene-d5
Concen: 108.953 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion: 82 Resp: 320148

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	60.4	50.9	76.3



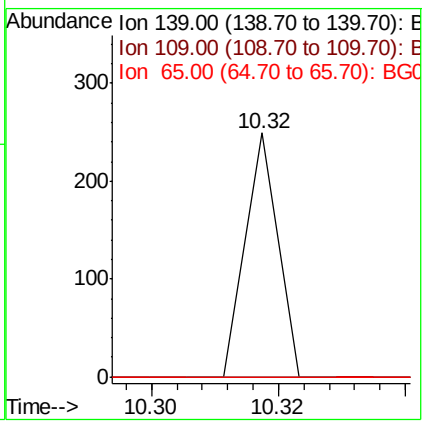


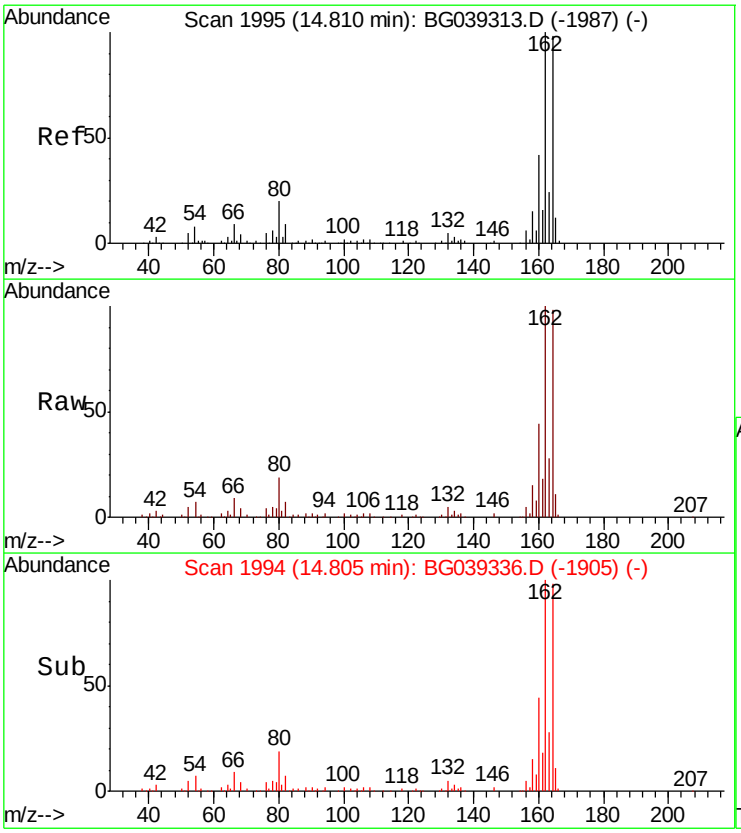
#26
2-Nitrophenol
Concen: 4.089 ng
RT: 10.32 min Scan# 1230
Delta R.T. 0.20 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:139 Resp: 88

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#

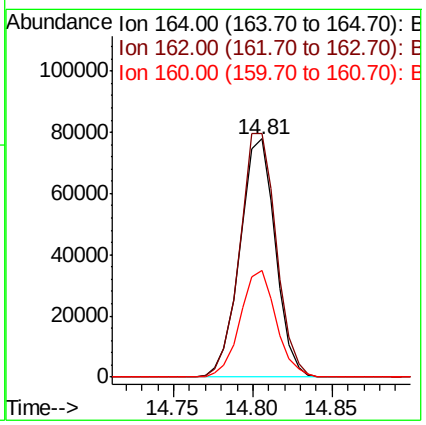


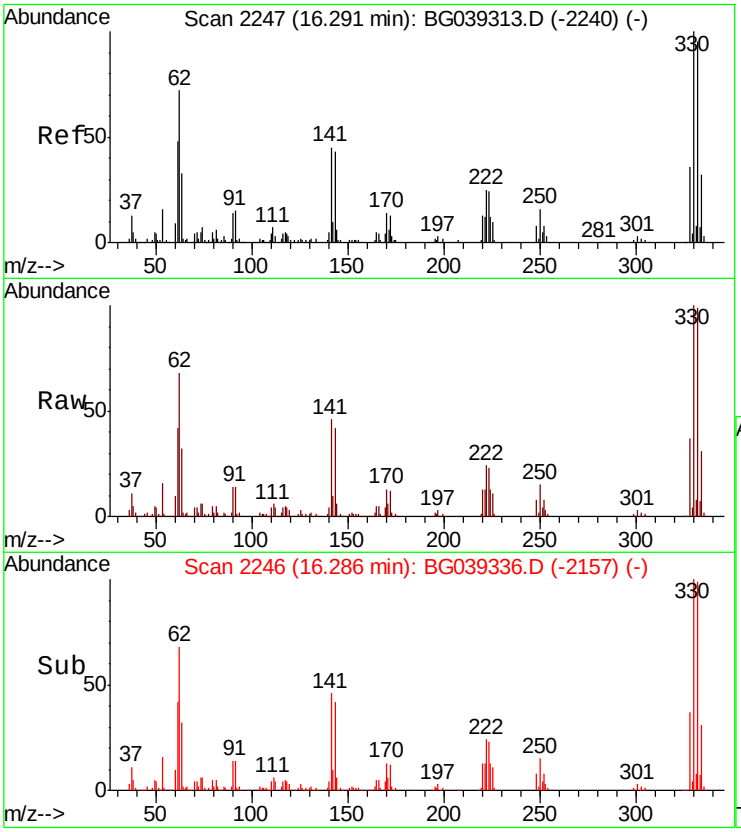


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:164 Resp: 120581

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.6	122.4
160	44.8	34.2	51.2



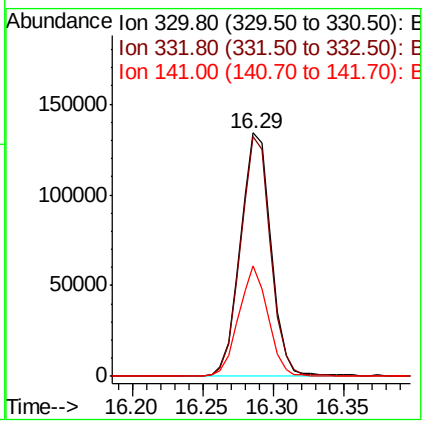


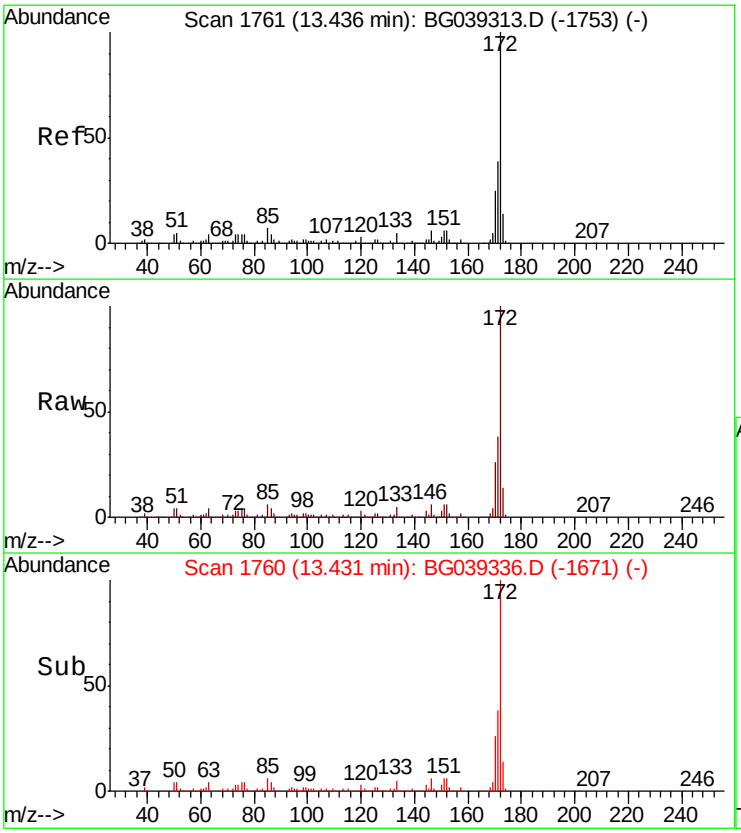
#42
2,4,6-Tribromophenol
Concen: 156.799 ng
RT: 16.29 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:330 Resp: 203596

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	43.3	35.6	53.4

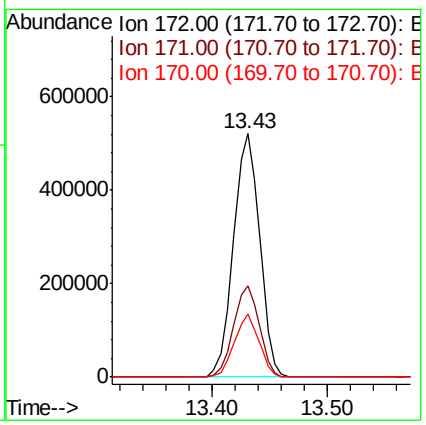


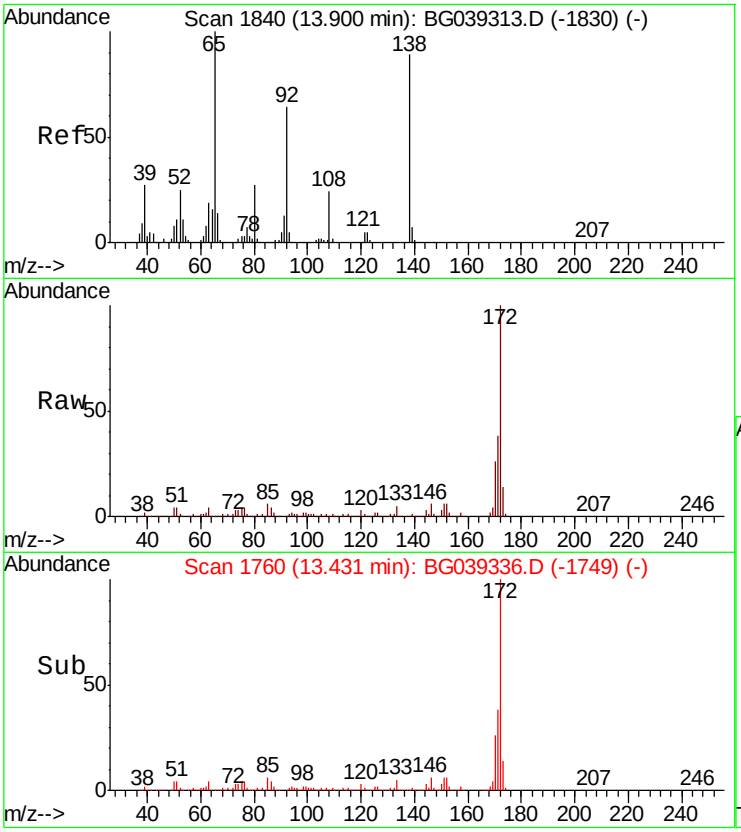


#45
2-Fluorobiphenyl
Concen: 96.874 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:172 Resp: 814274

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.9	20.2	30.4



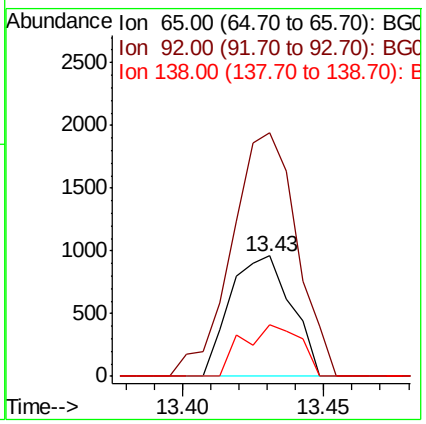


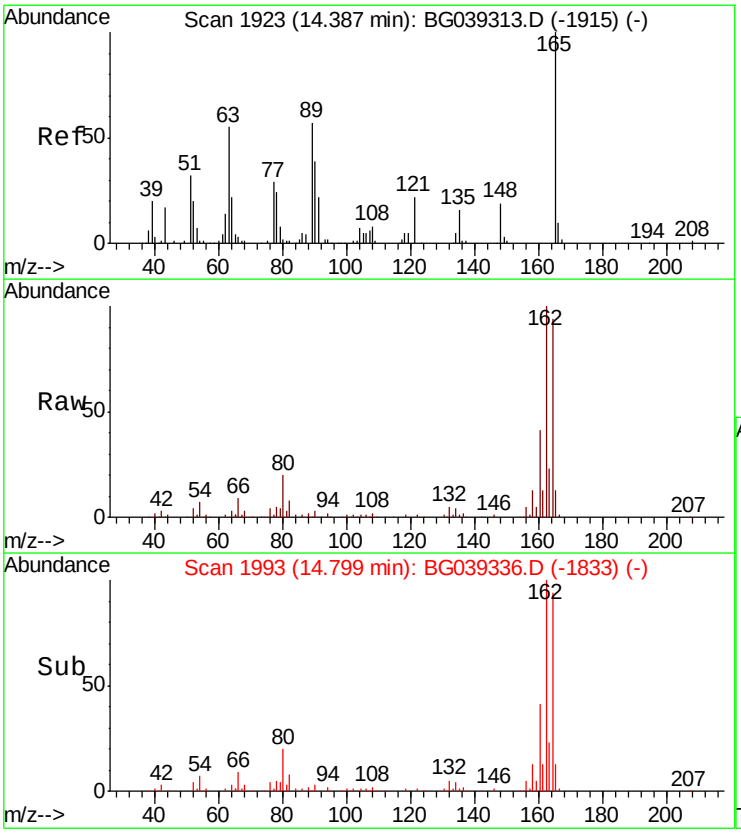
#48
2-Nitroaniline
Concen: 8.847 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion: 65 Resp: 1444

Ion	Ratio	Lower	Upper
65	100		
92	202.0	51.4	77.2#
138	42.8	71.4	107.2#

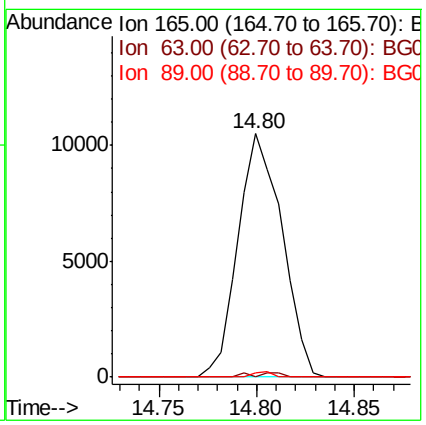


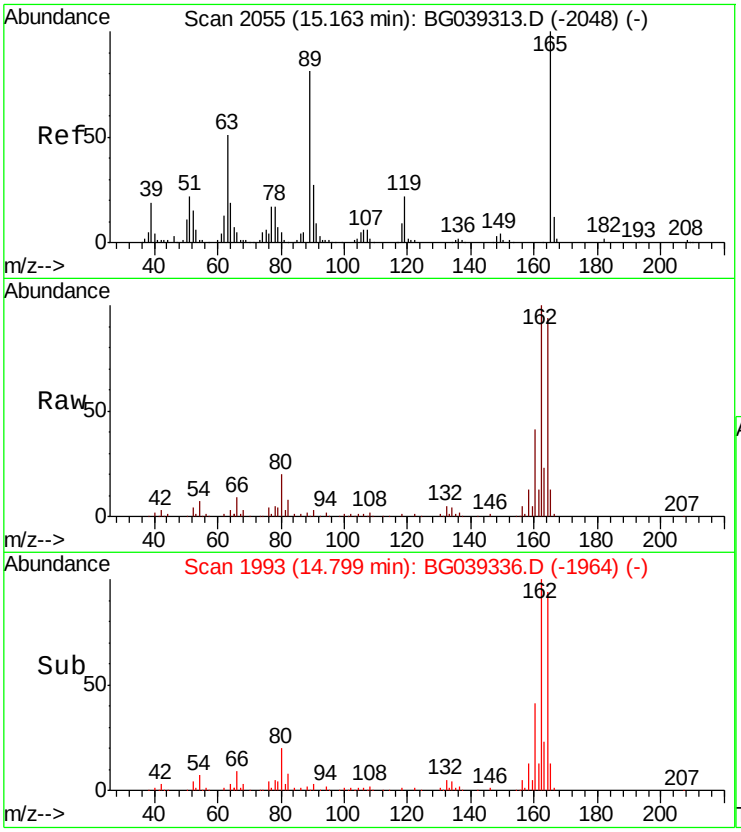


#51
2,6-Dinitrotoluene
Concen: 14.340 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:165 Resp: 16404

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.7	45.8	68.8#



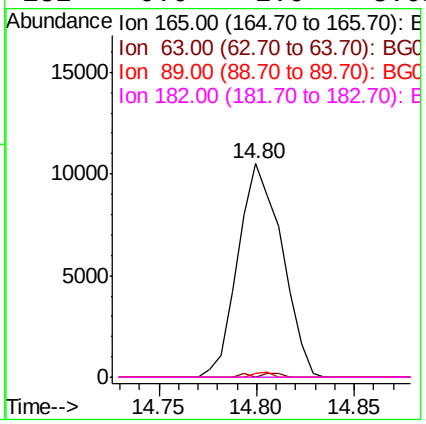


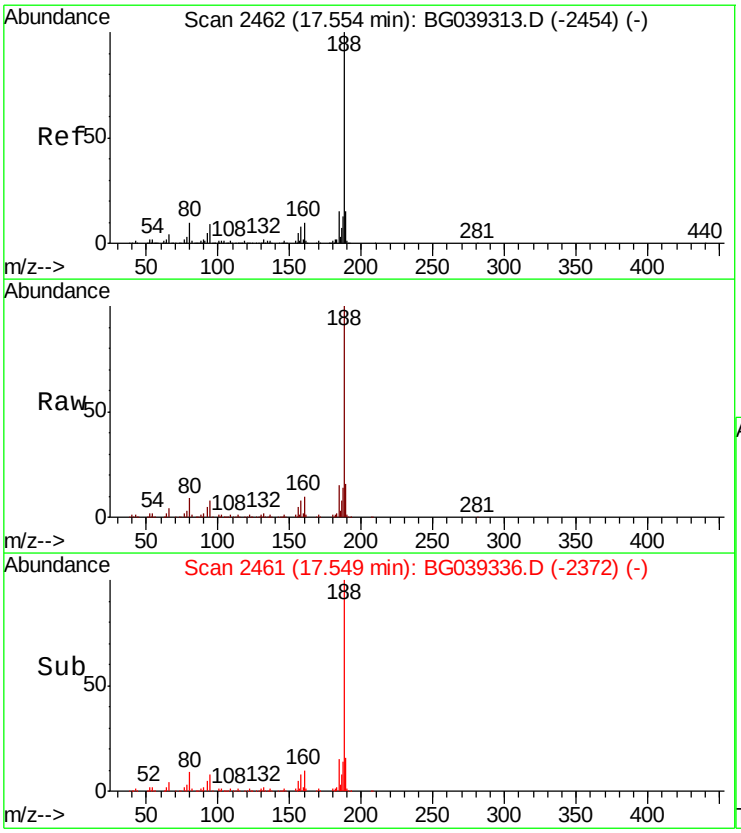
#57
2,4-Dinitrotoluene
Concen: 13.714 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:165 Resp: 16404

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.7	64.6	96.8#
182	0.0	2.0	3.0#

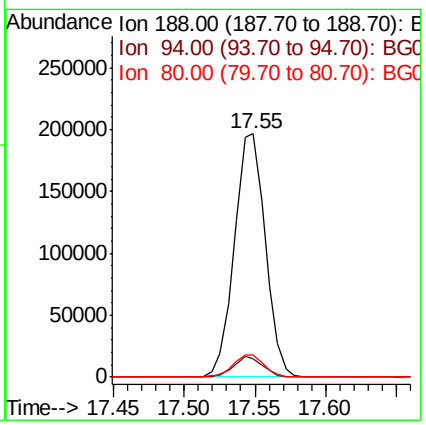


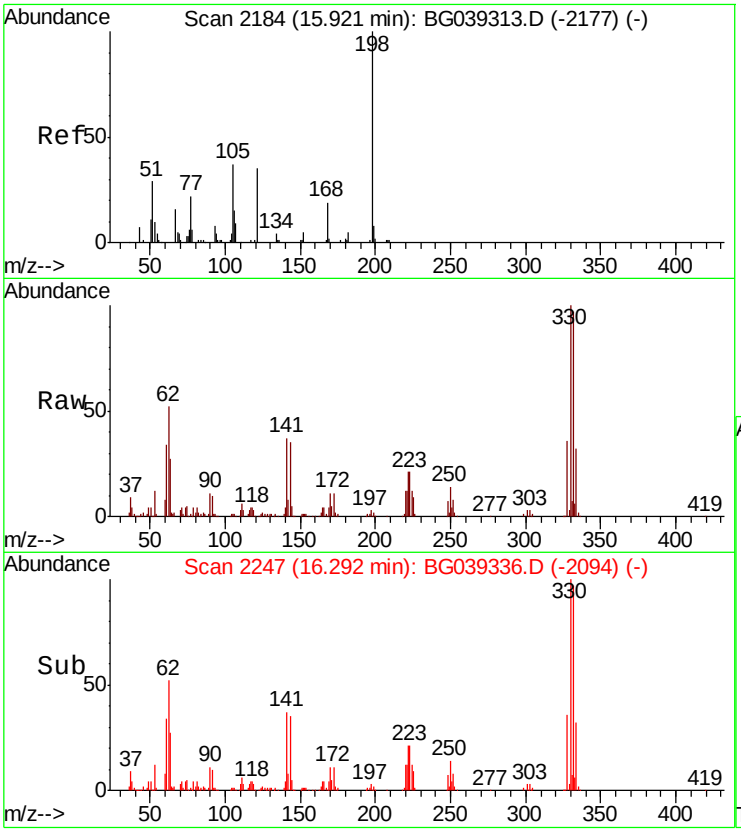


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:188 Resp: 300177

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.2	8.1	12.1



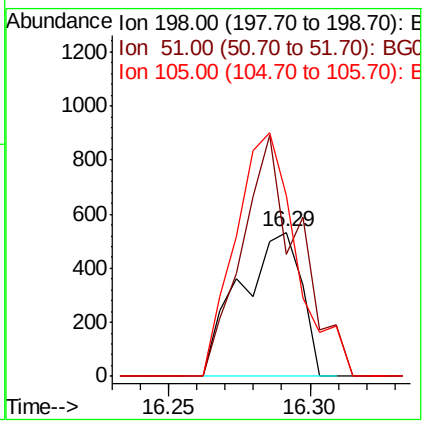


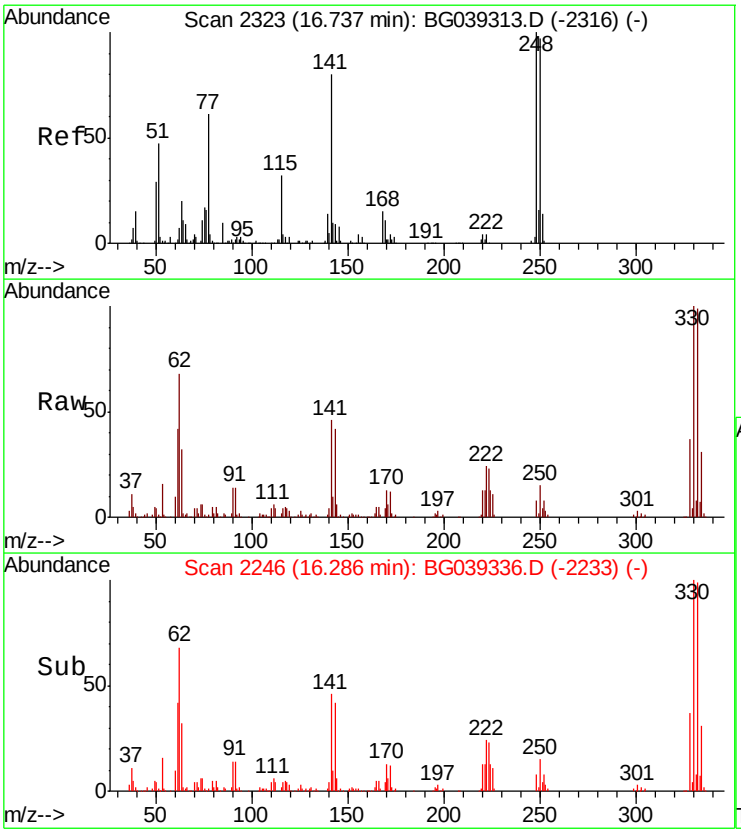
#65
4,6-Dinitro-2-methylphenol
Concen: 5.030 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.37 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:198 Resp: 801

Ion	Ratio	Lower	Upper
198	100		
51	84.8	27.4	67.4#
105	125.5	19.7	59.7#

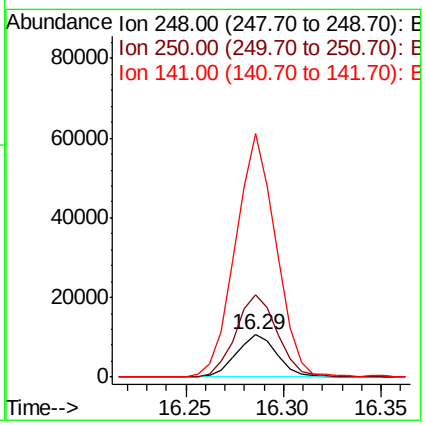


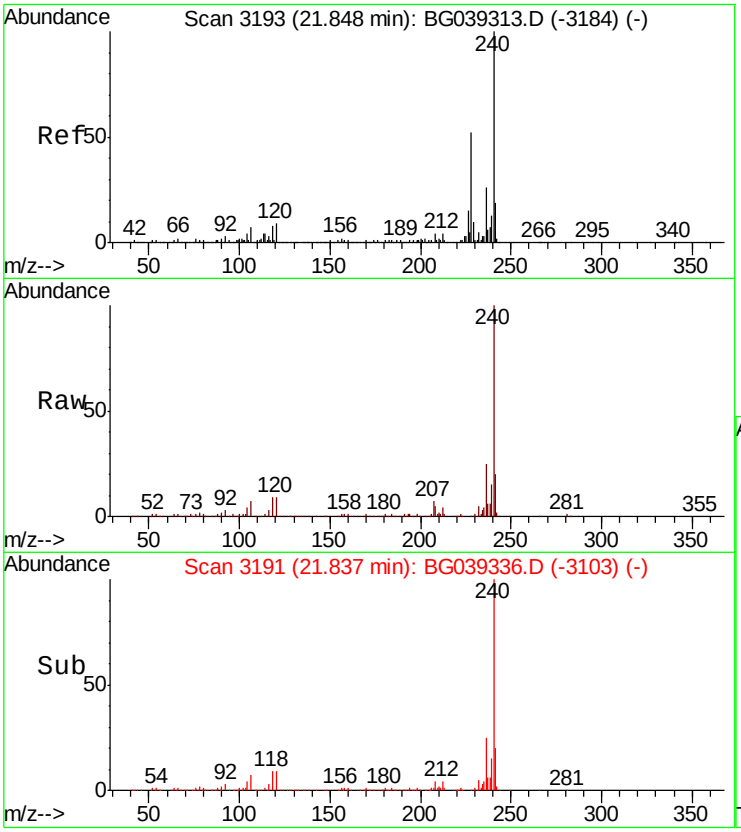


#67
4-Bromophenyl-phenylether
Concen: 4.578 ng
RT: 16.29 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:248 Resp: 15244

Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.6	116.4#
141	577.6	63.9	95.9#



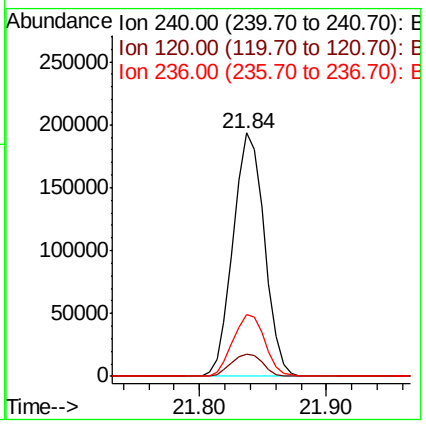


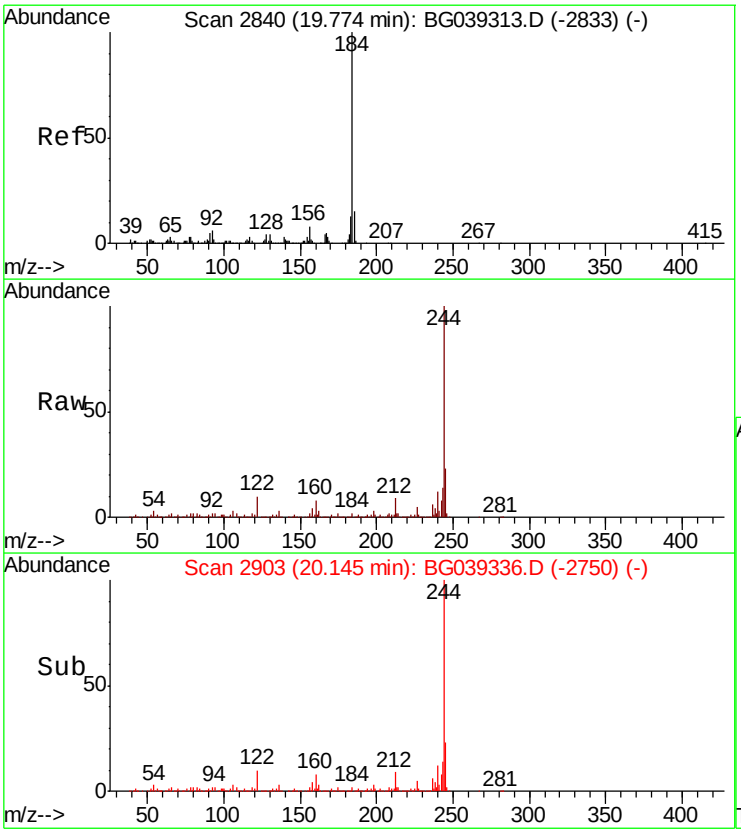
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:240 Resp: 331327

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.4	21.0	31.4

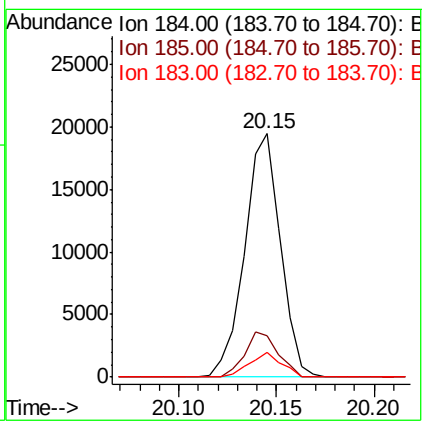


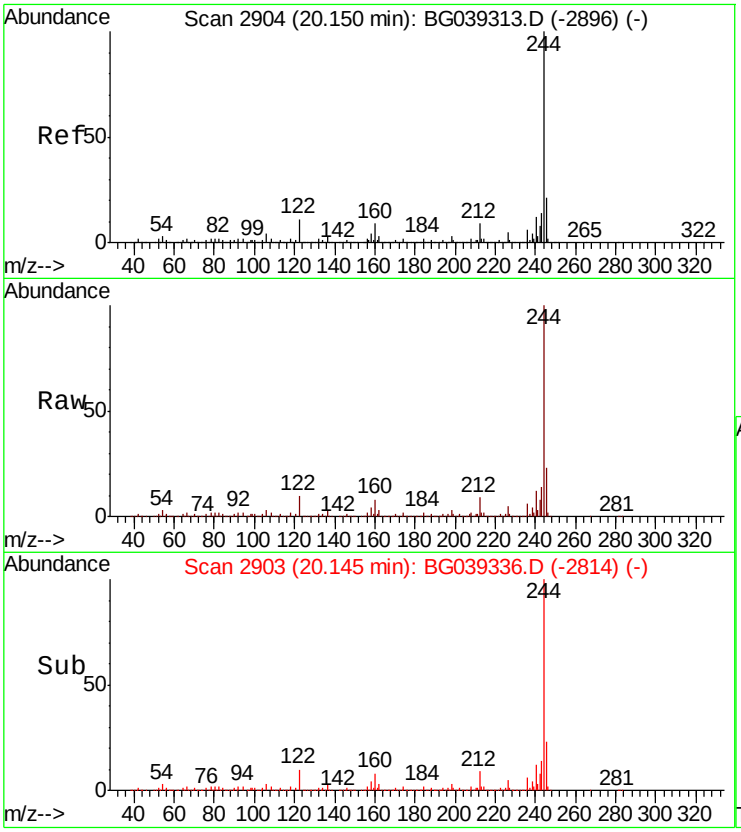


#77
Benzidine
Concen: 2.266 ng
RT: 20.15 min Scan# 2903
Delta R.T. 0.37 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:184 Resp: 24615

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.2	18.2
183	10.0	10.6	15.8#



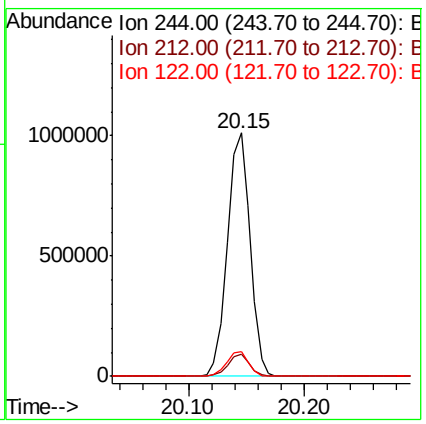


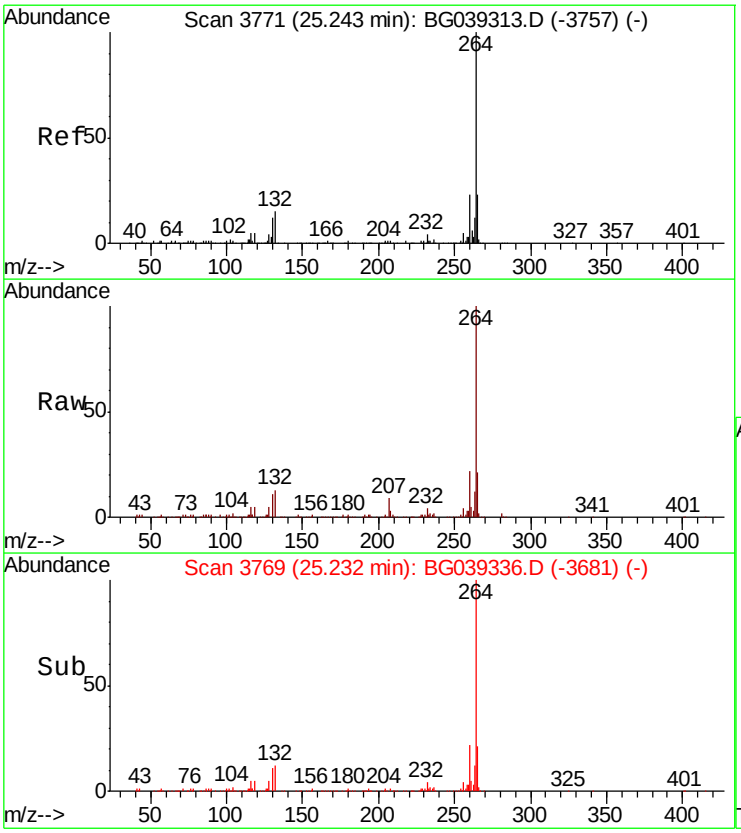
#79
Terphenyl-d14
Concen: 87.598 ng
RT: 20.15 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tgt Ion:244 Resp: 1371180

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:264 Resp: 328621

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.5	18.5	27.7