Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039558.D
Acq On : 19 Feb 2019 17:04
Operator : JU/SJ
Sample : K1518-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-MH-C05

Quant Time: Feb 19 23:50:33 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	8.17	152	48077	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	210281	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148809	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	367319	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	371358	20.00	ng	-0.03
87) Perylene-d12	25.20	264	331931	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	368476	131.17	ng	0.00
7) Phenol-d6	7.31	99	478876	115.82	ng	0.00
23) Nitrobenzene-d5	9.35	82	369514	109.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	237109	147.97	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	904284	87.17	ng	-0.02
79) Terphenyl-d14	20.12	244	1472872	83.95	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	852	Below Cal	#	17
19) n-Nitroso-di-n-propylamine	9.35	70	48201	16.424	ng	# 65
48) 2-Nitroaniline	14.23	65	135	8.338	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	19235	13.952	ng	# 25
56) 4-Nitrophenol	15.19	139	76	5.826	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	19235	13.421	ng	# 20
62) 4-Nitroaniline	15.42	138	55	4.222	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.21	198	77	4.238	ng	# 32
67) 4-Bromophenyl-phenylether	16.28	248	18519	4.545	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039558.D
Acq On : 19 Feb 2019 17:04
Operator : JU/SJ
Sample : K1518-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Quant Time: Feb 19 23:50:33 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
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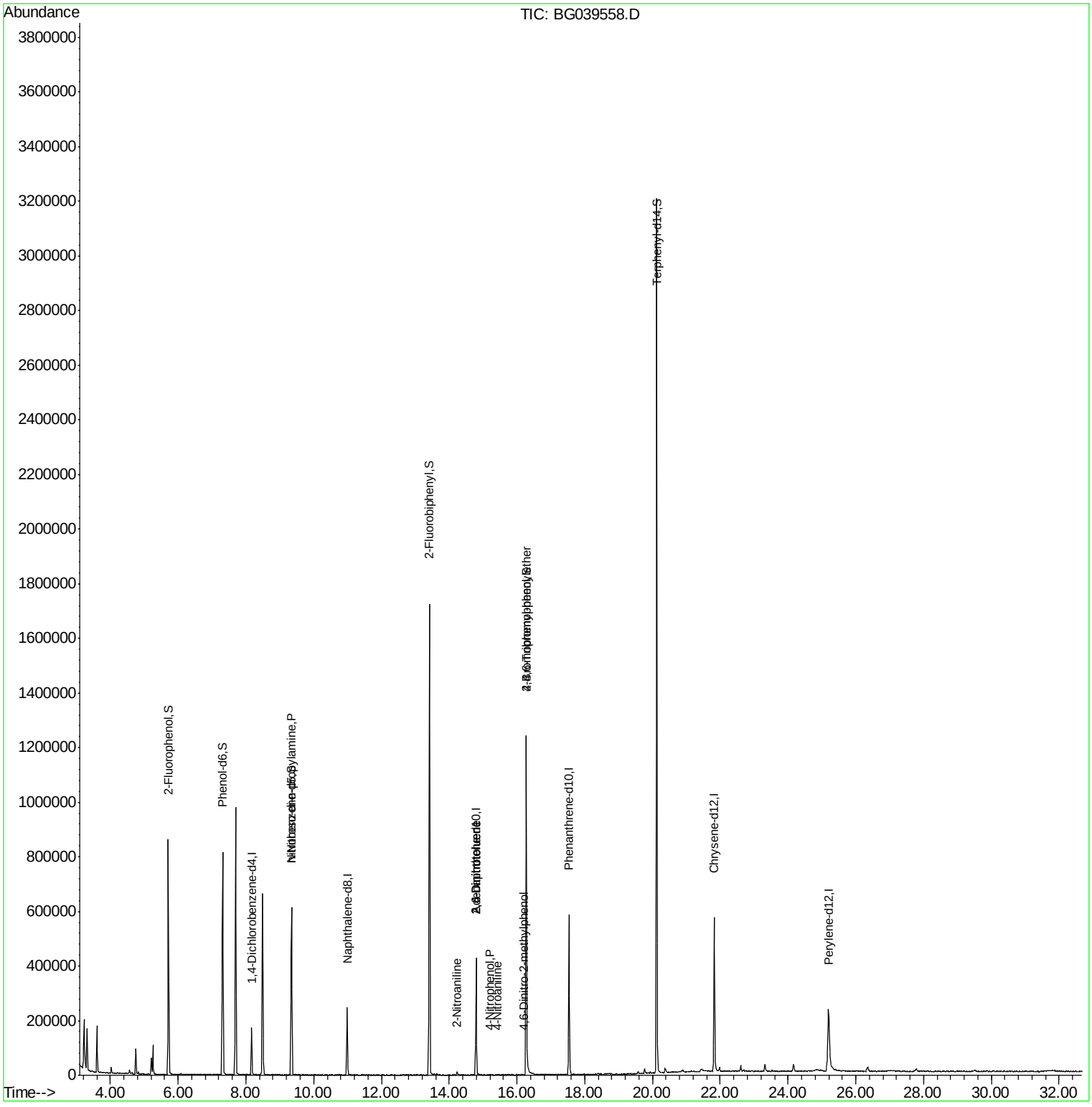
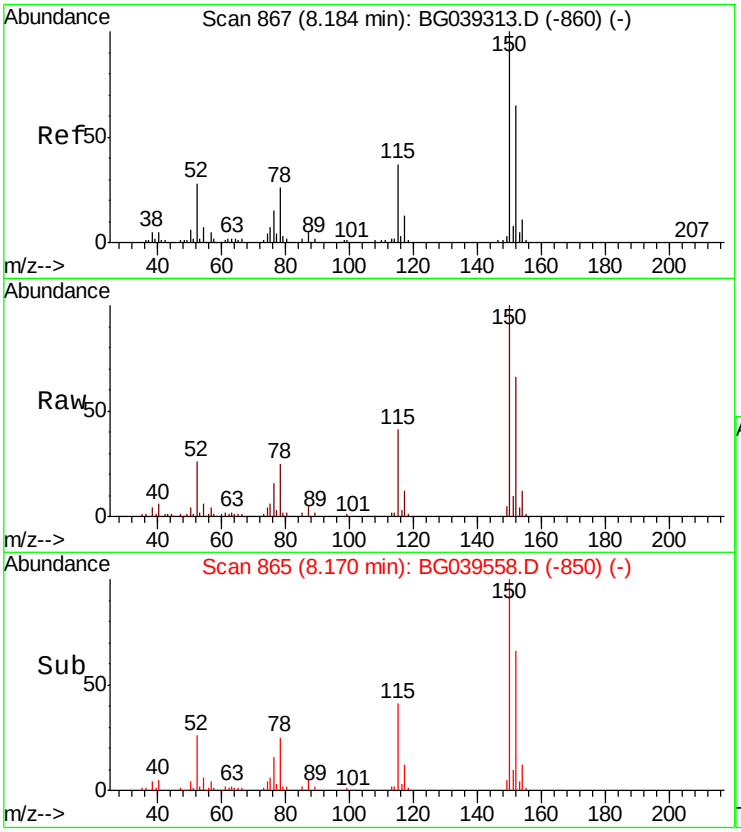


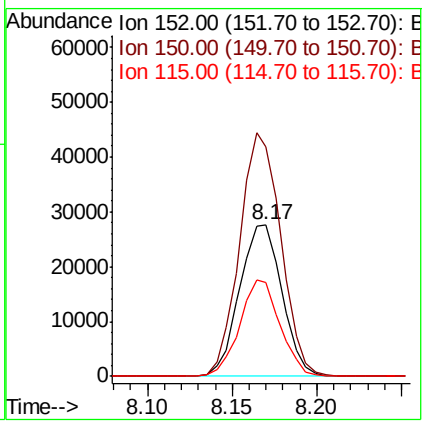


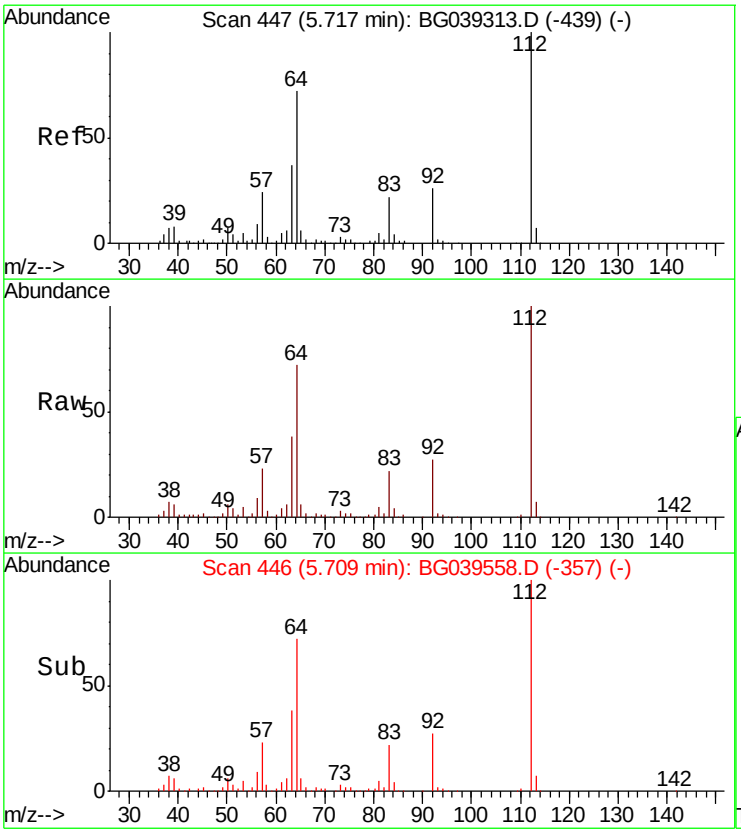
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:152 Resp: 48077

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.7	185.5
115	61.5	45.9	68.9

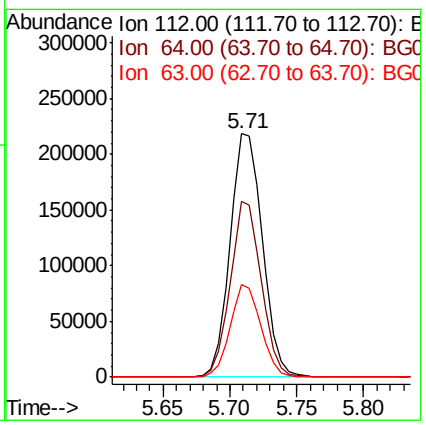


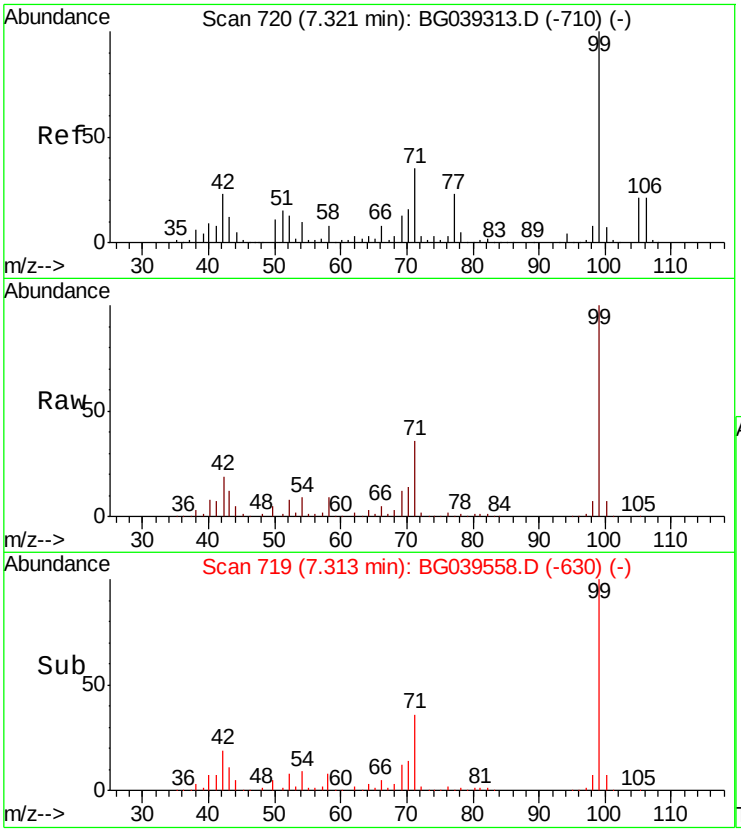


#5
2-Fluorophenol
Concen: 131.175 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:112 Resp: 368476

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.8	86.8
63	37.8	29.8	44.6



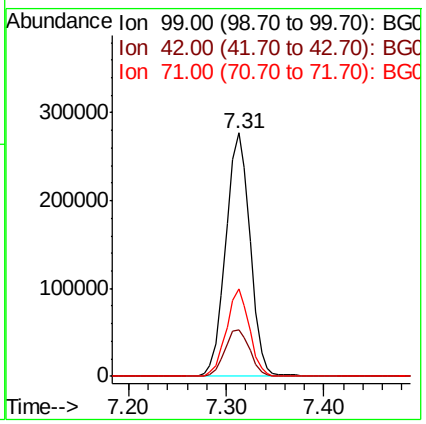


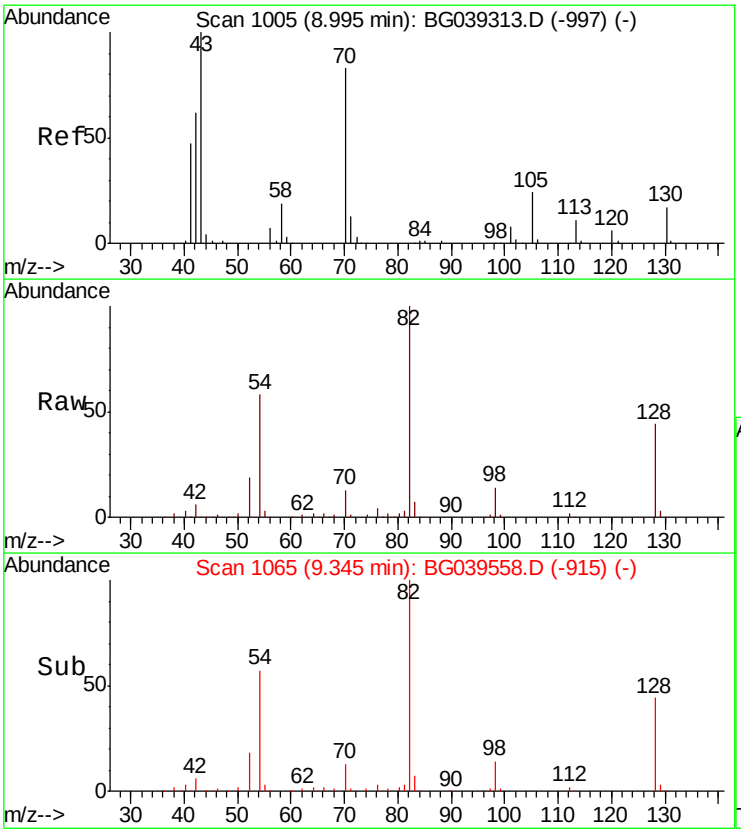
#7
Phenol-d6
Concen: 115.815 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion: 99 Resp: 478876

Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.2	27.2
71	35.8	28.0	42.0

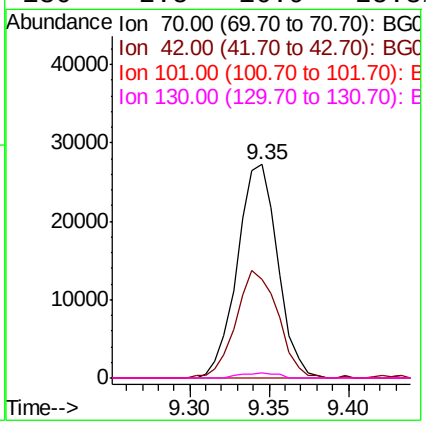


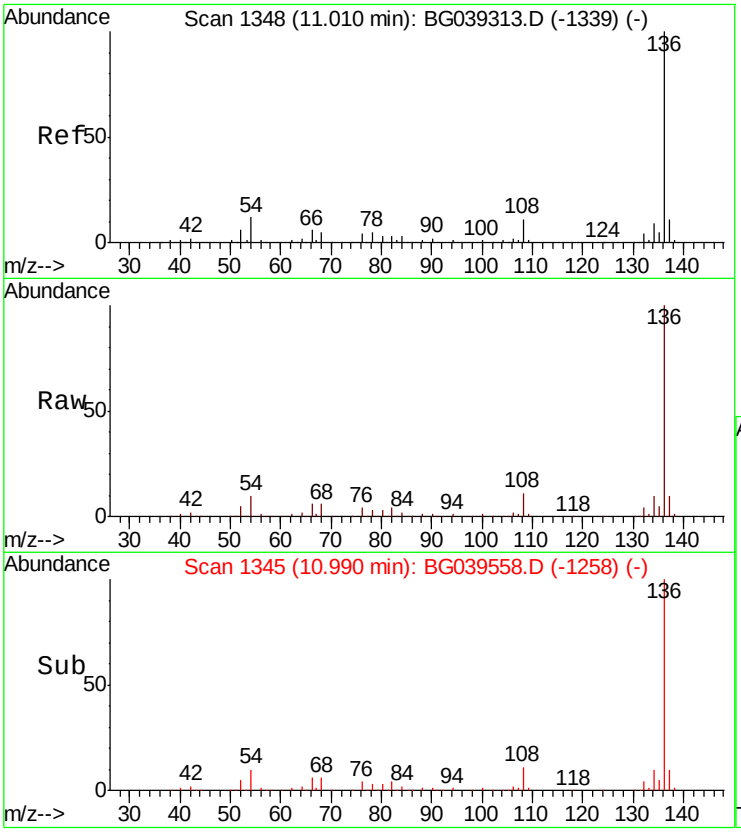


#19
n-Nitroso-di-n-propylamine
Concen: 16.424 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion: 70 Resp: 48201

Ion	Ratio	Lower	Upper
70	100		
42	46.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.5	16.9	25.3#



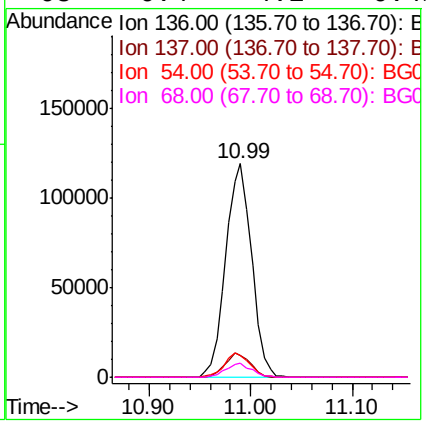


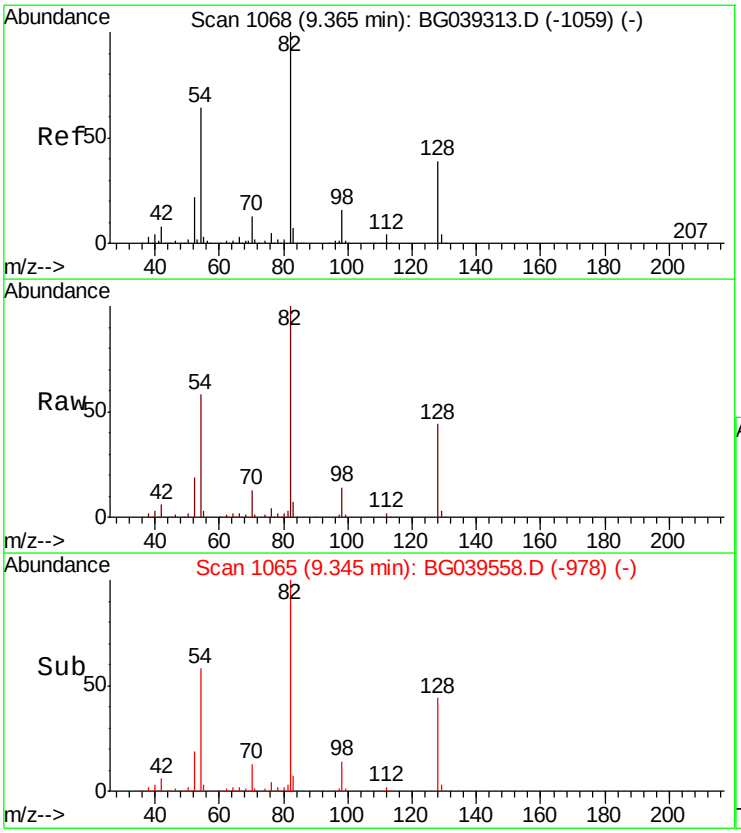
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:136 Resp: 210281

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.0	9.4	14.2
68	6.4	4.2	6.4#

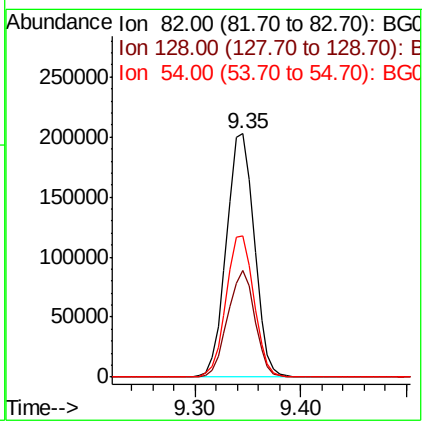


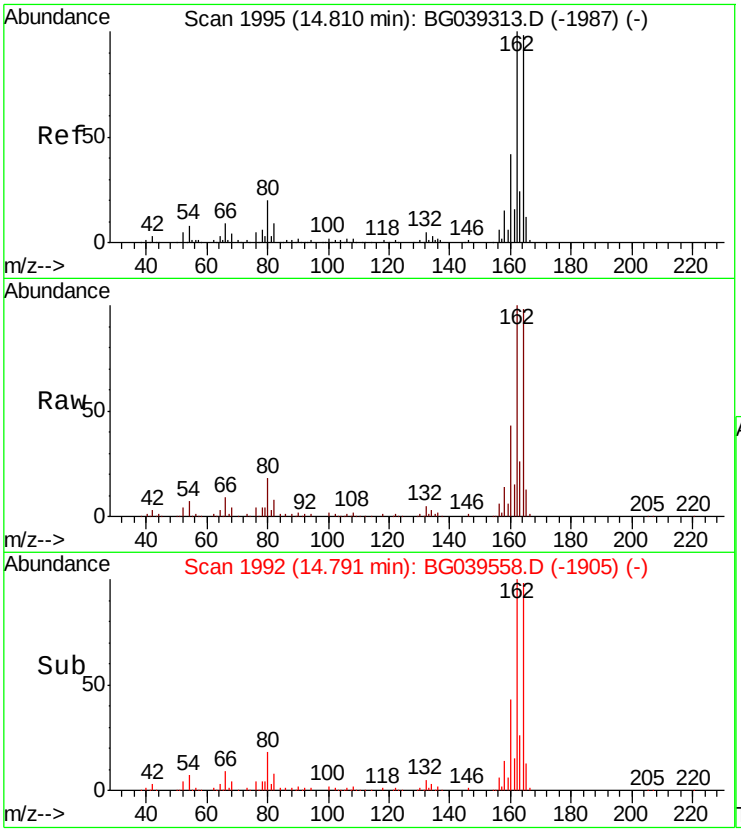


#23
Nitrobenzene-d5
Concen: 109.778 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion: 82 Resp: 369514

Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	57.9	50.9	76.3



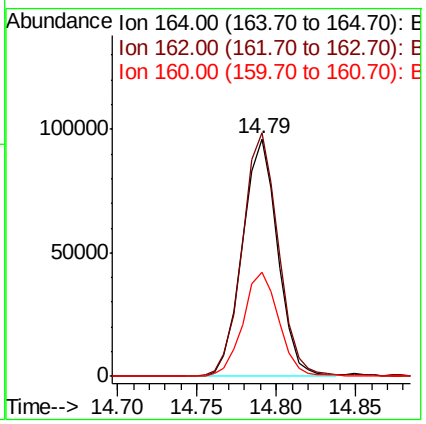


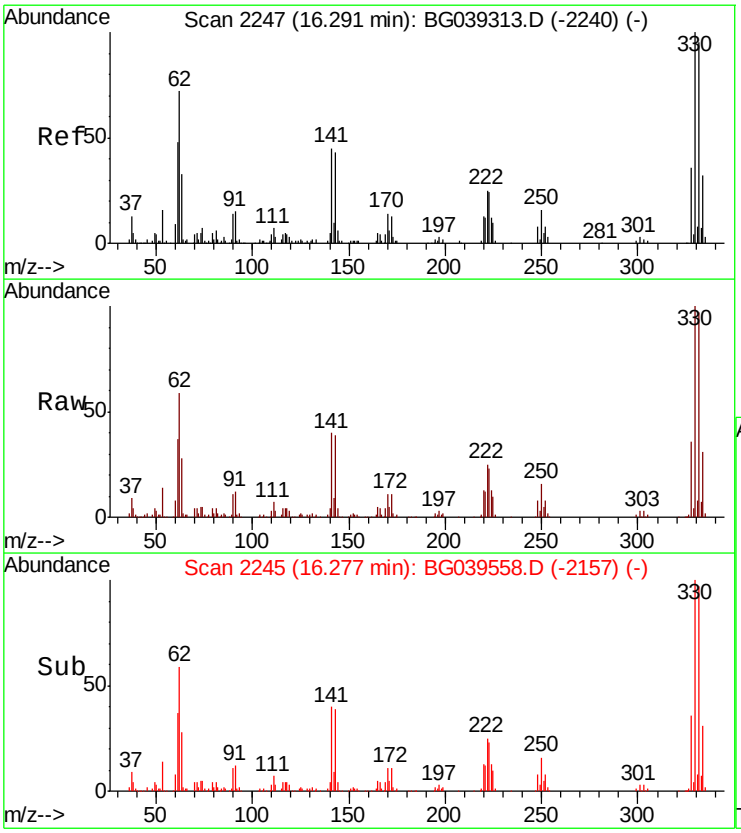
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:164 Resp: 148809

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.6	122.4
160	43.8	34.2	51.2

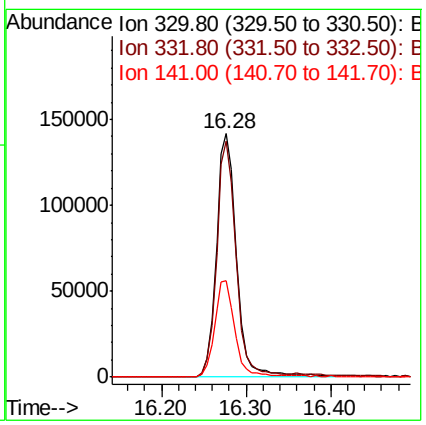


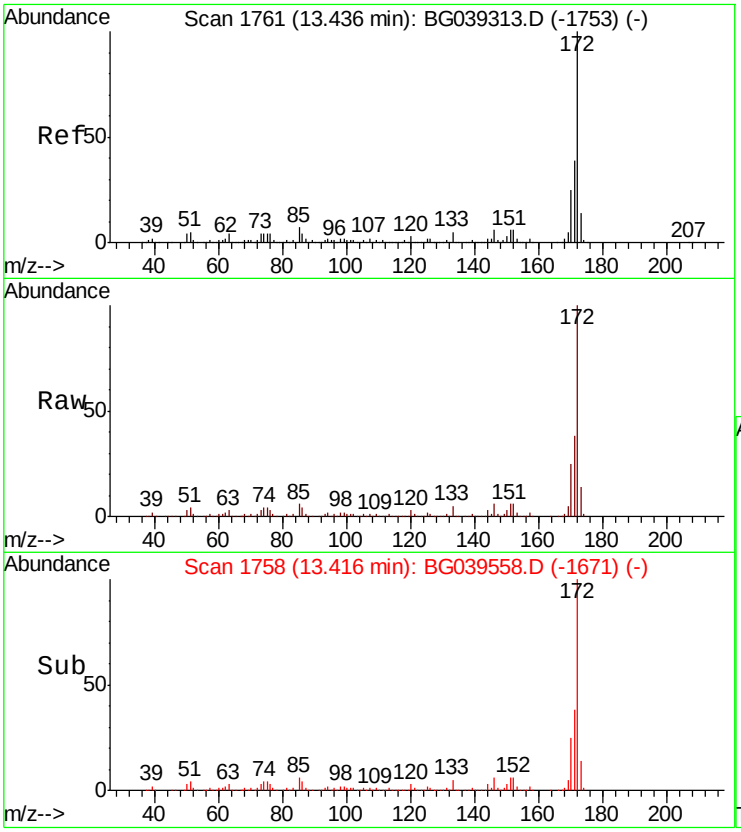


#42
2,4,6-Tribromophenol
Concen: 147.969 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:330 Resp: 237109

Ion	Ratio	Lower	Upper
330	100		
332	93.0	75.7	113.5
141	39.5	35.6	53.4



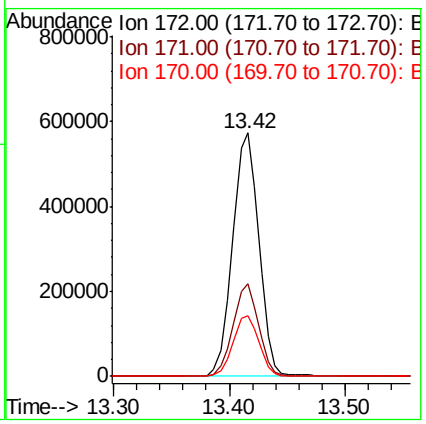


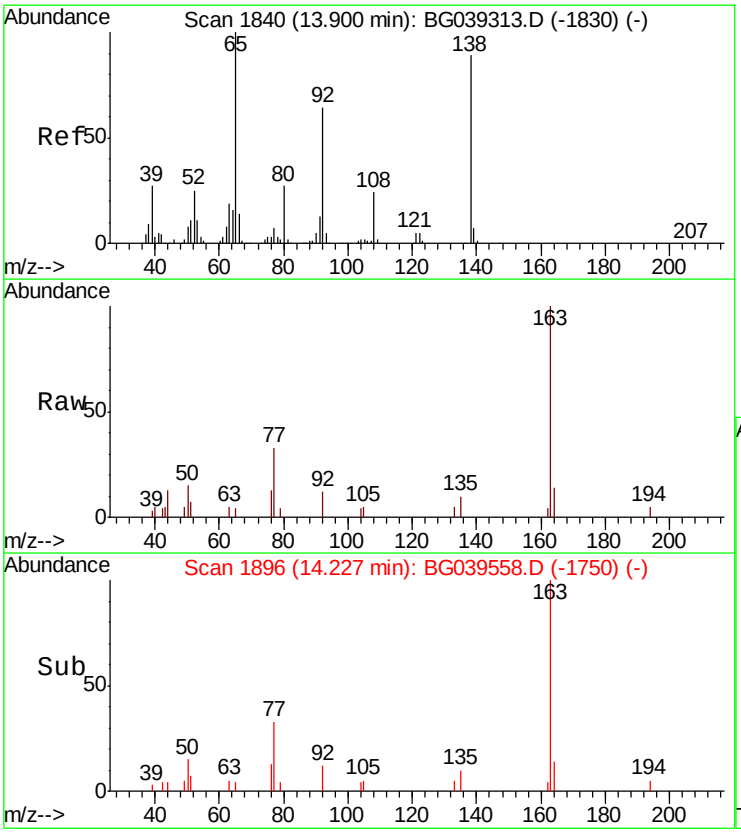
#45
2-Fluorobiphenyl
Concen: 87.175 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:172 Resp: 904284

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	24.7	20.2	30.4

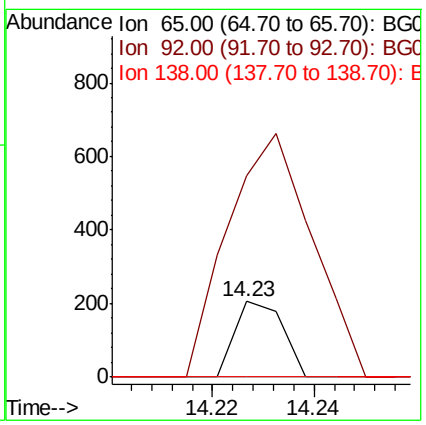


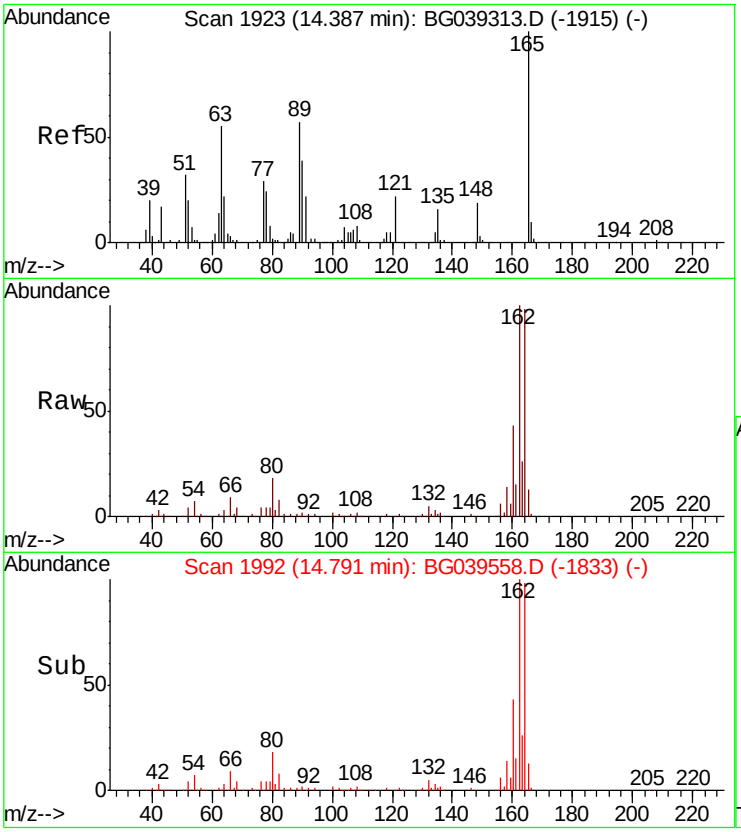


#48
2-Nitroaniline
Concen: 8.338 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.33 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion: 65 Resp: 135

Ion	Ratio	Lower	Upper
65	100		
92	265.0	51.4	77.2#
138	0.0	71.4	107.2#



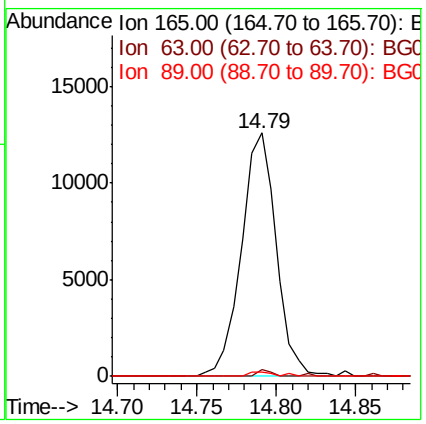


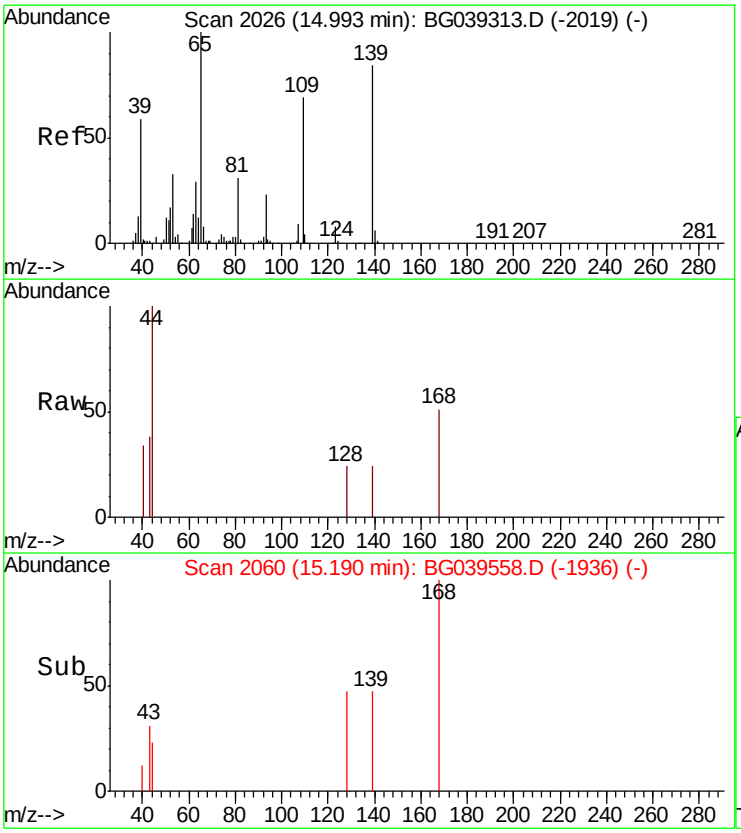
#51
2,6-Dinitrotoluene
Concen: 13.952 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:165 Resp: 19235

Ion	Ratio	Lower	Upper
165	100		
63	2.8	47.0	70.6#
89	1.6	45.8	68.8#

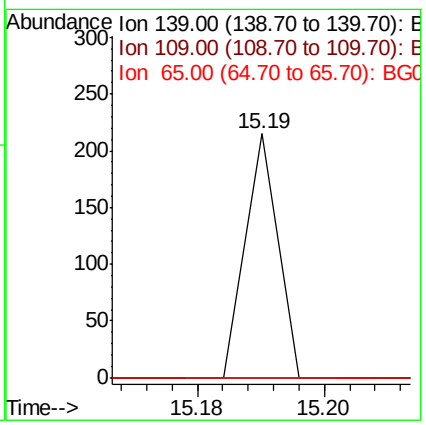


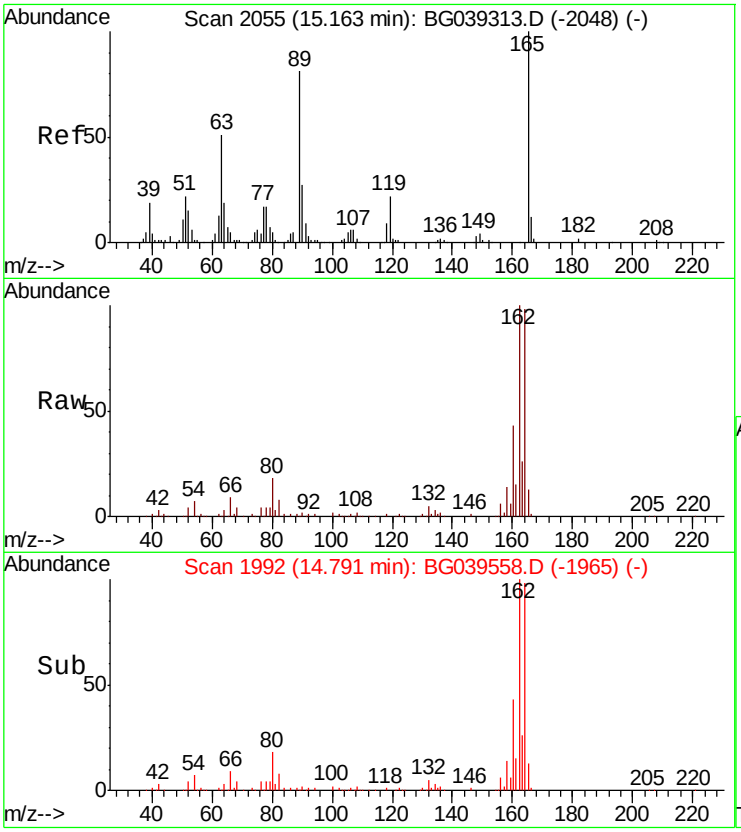


#56
4-Nitrophenol
Concen: 5.826 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:139 Resp: 76

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#



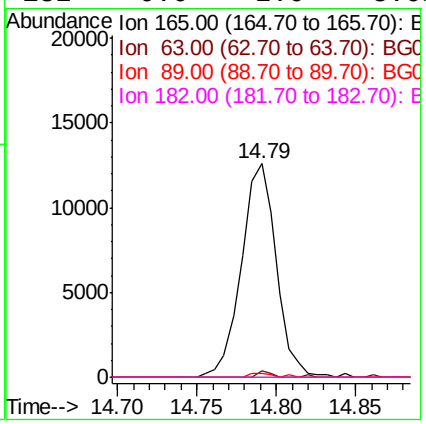


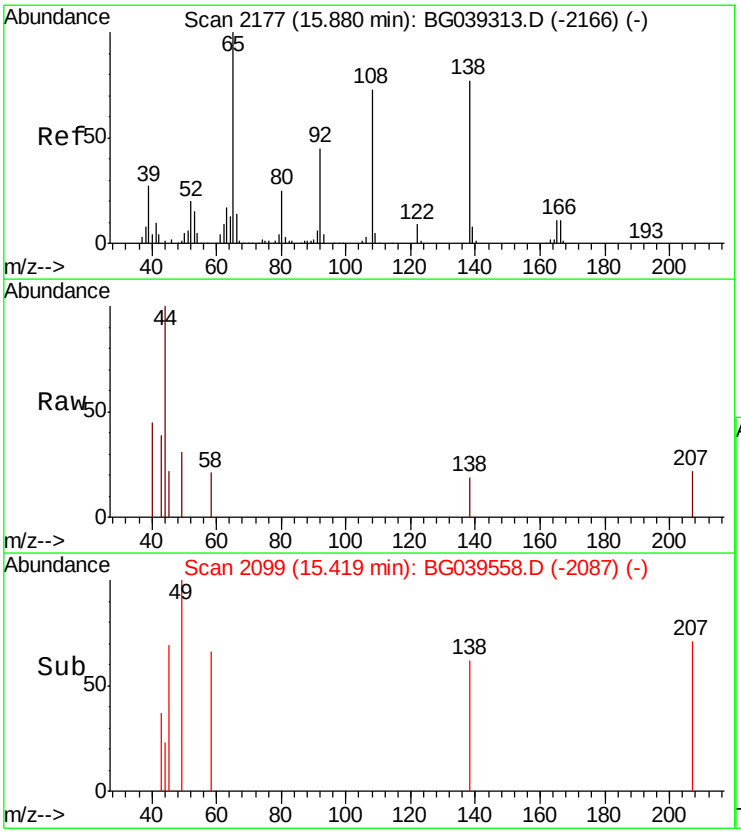
#57
2,4-Dinitrotoluene
Concen: 13.421 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:165 Resp: 19235

Ion	Ratio	Lower	Upper
165	100		
63	2.8	41.0	61.6#
89	1.6	64.6	96.8#
182	0.0	2.0	3.0#

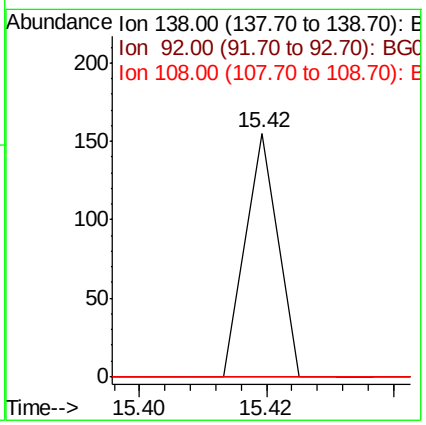


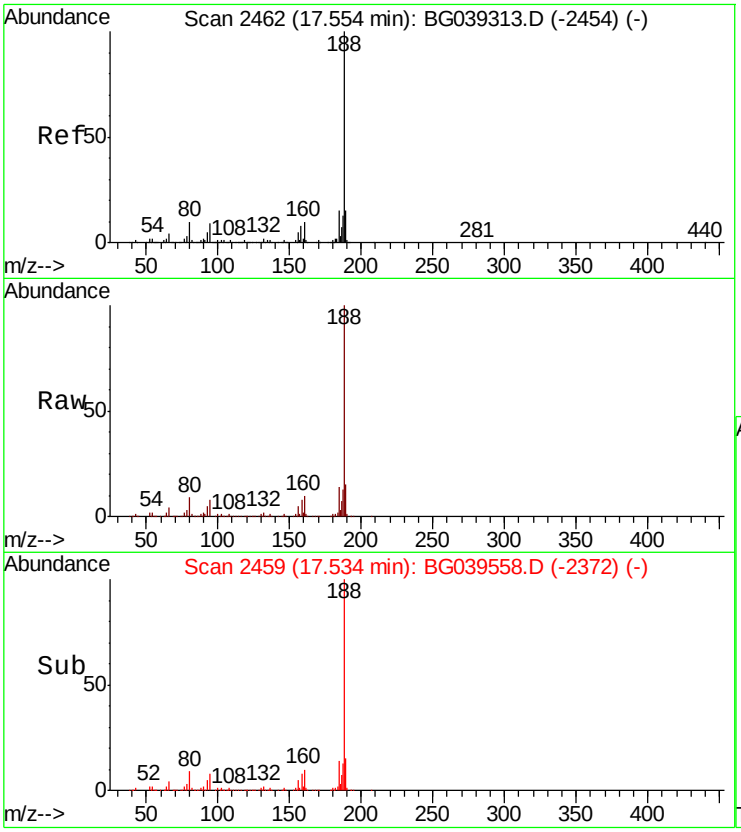


#62
4-Nitroaniline
Concen: 4.222 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.46 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:138 Resp: 55

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



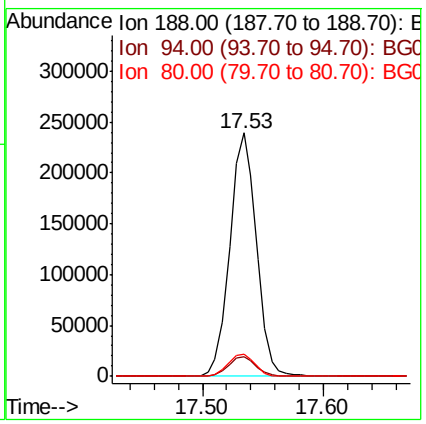


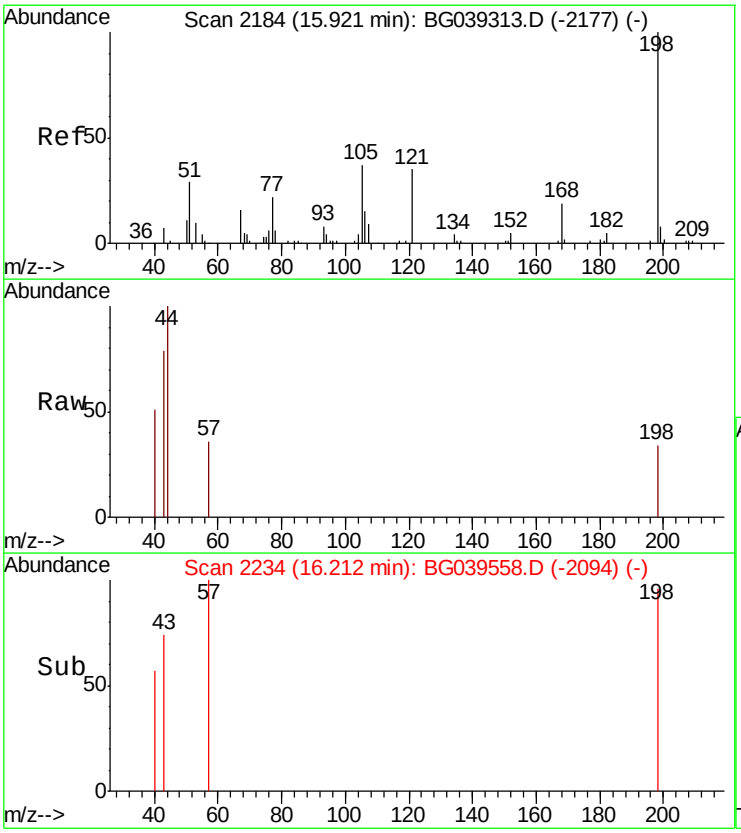
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:188 Resp: 367319

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.1	8.1	12.1

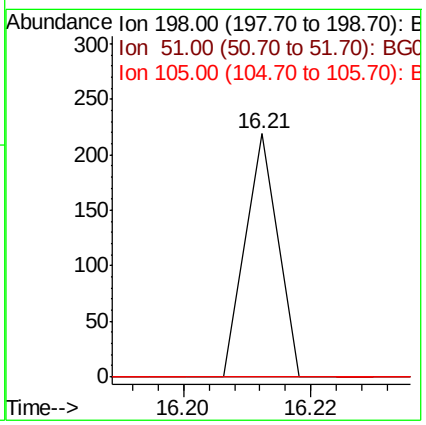


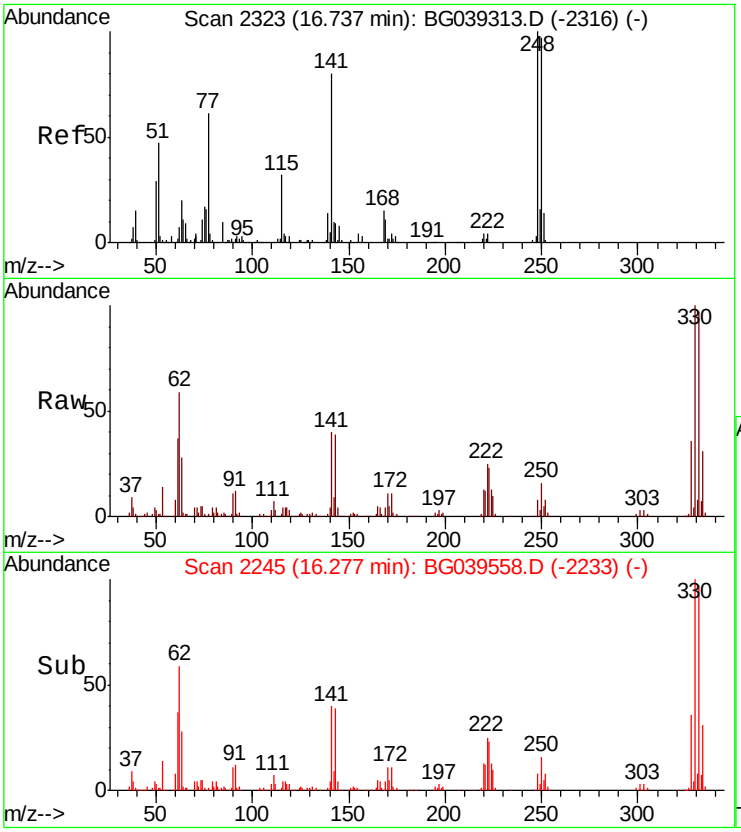


#65
4,6-Dinitro-2-methylphenol
Concen: 4.238 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.29 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:198 Resp: 77

Ion	Ratio	Lower	Upper
198	100		
51	0.0	27.4	67.4#
105	0.0	19.7	59.7#



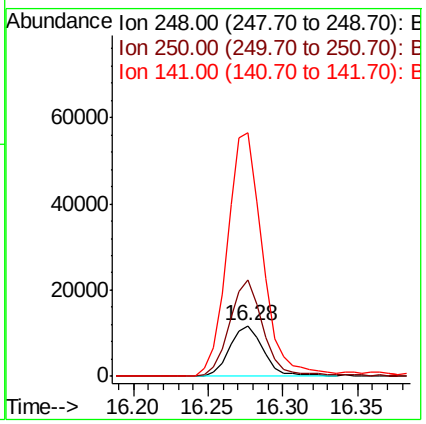


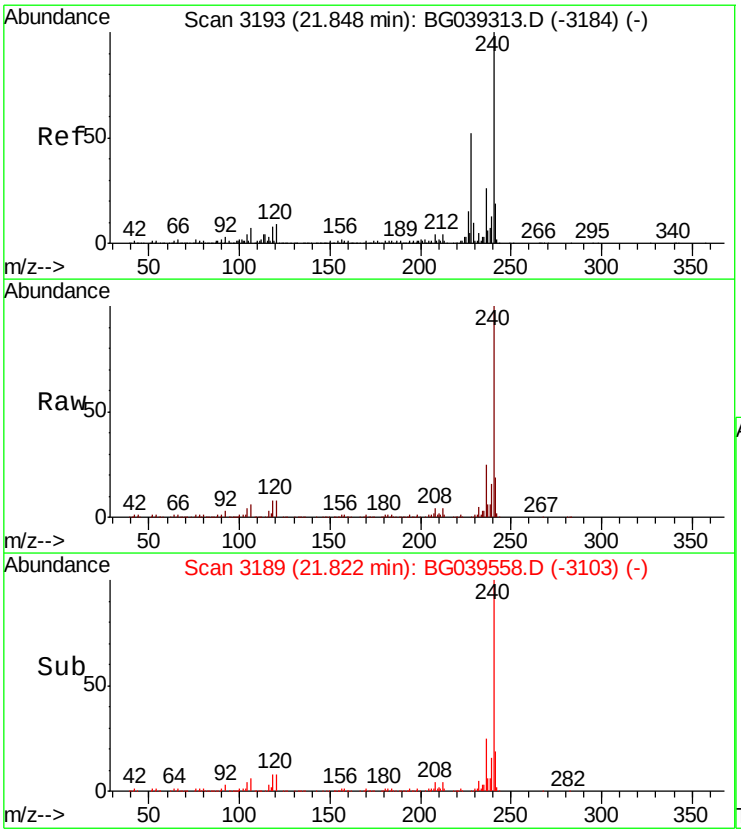
#67
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:248 Resp: 18519

Ion	Ratio	Lower	Upper
248	100		
250	189.9	77.6	116.4#
141	478.5	63.9	95.9#

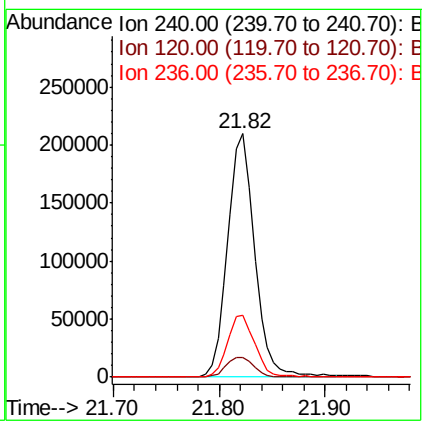


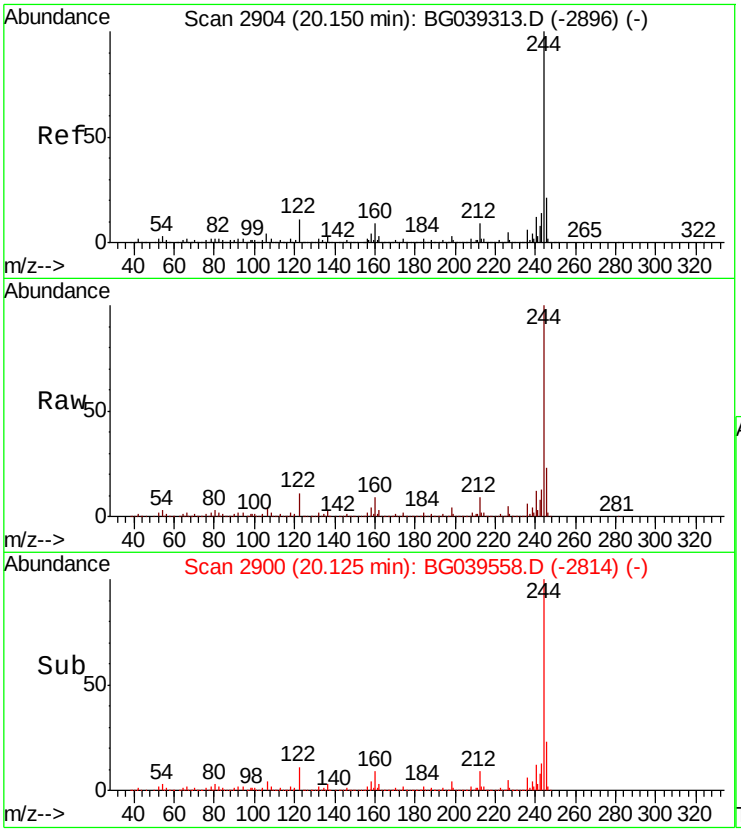


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:240 Resp: 371358

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.5	21.0	31.4



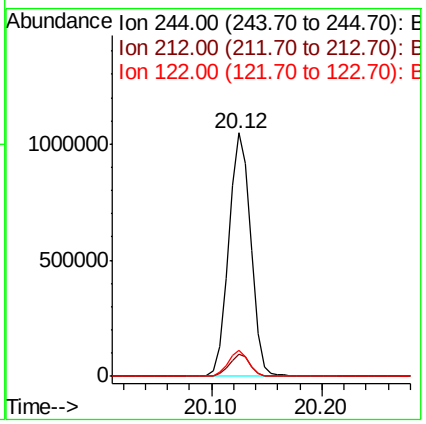


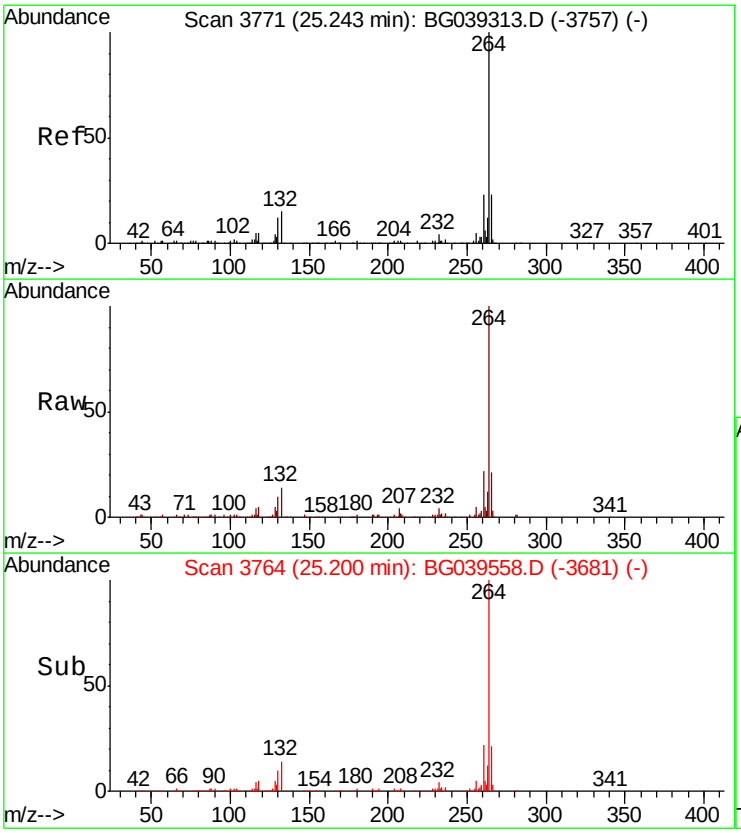
#79
Terphenyl-d14
Concen: 83.952 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tgt Ion:244 Resp: 1472872

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion:264 Resp: 331931

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.8	18.5	27.7