Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
Data File : BG039468.D
Acq On : 12 Feb 2019 17:52
Operator : JU/SJ
Sample : K1462-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3-S

Quant Time: Feb 13 00:34:40 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	49411	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	229414	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	162652	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	404526	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	403954	20.00	ng		-0.02
87) Perylene-d12	25.21	264	411130	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	388712	134.64	ng		0.00
7) Phenol-d6	7.31	99	578355	136.10	ng		-0.01
23) Nitrobenzene-d5	9.35	82	340343	92.68	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	235112	134.24	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	716485	63.19	ng		-0.02
79) Terphenyl-d14	20.13	244	1093211	57.28	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	1153	Below Cal		#	4
10) Phenol	7.34	94	15150	3.420	ng		99
19) n-Nitroso-di-n-propylamine	9.35	70	44596	14.786	ng	#	61
48) 2-Nitroaniline	14.19	65	60	8.313	ng	#	10
50) Dimethylphthalate	14.23	163	71719	5.460	ng		100
51) 2,6-Dinitrotoluene	14.24	165	686	6.800	ng	#	29
57) 2,4-Dinitrotoluene	14.79	165	21398	13.520	ng	#	19
62) 4-Nitroaniline	16.28	138	80	4.229	ng	#	1
65) 4,6-Dinitro-2-methylphenol	16.23	198	57	4.215	ng	#	32
67) 4-Bromophenyl-phenylether	16.28	248	17616	3.925	ng	#	1

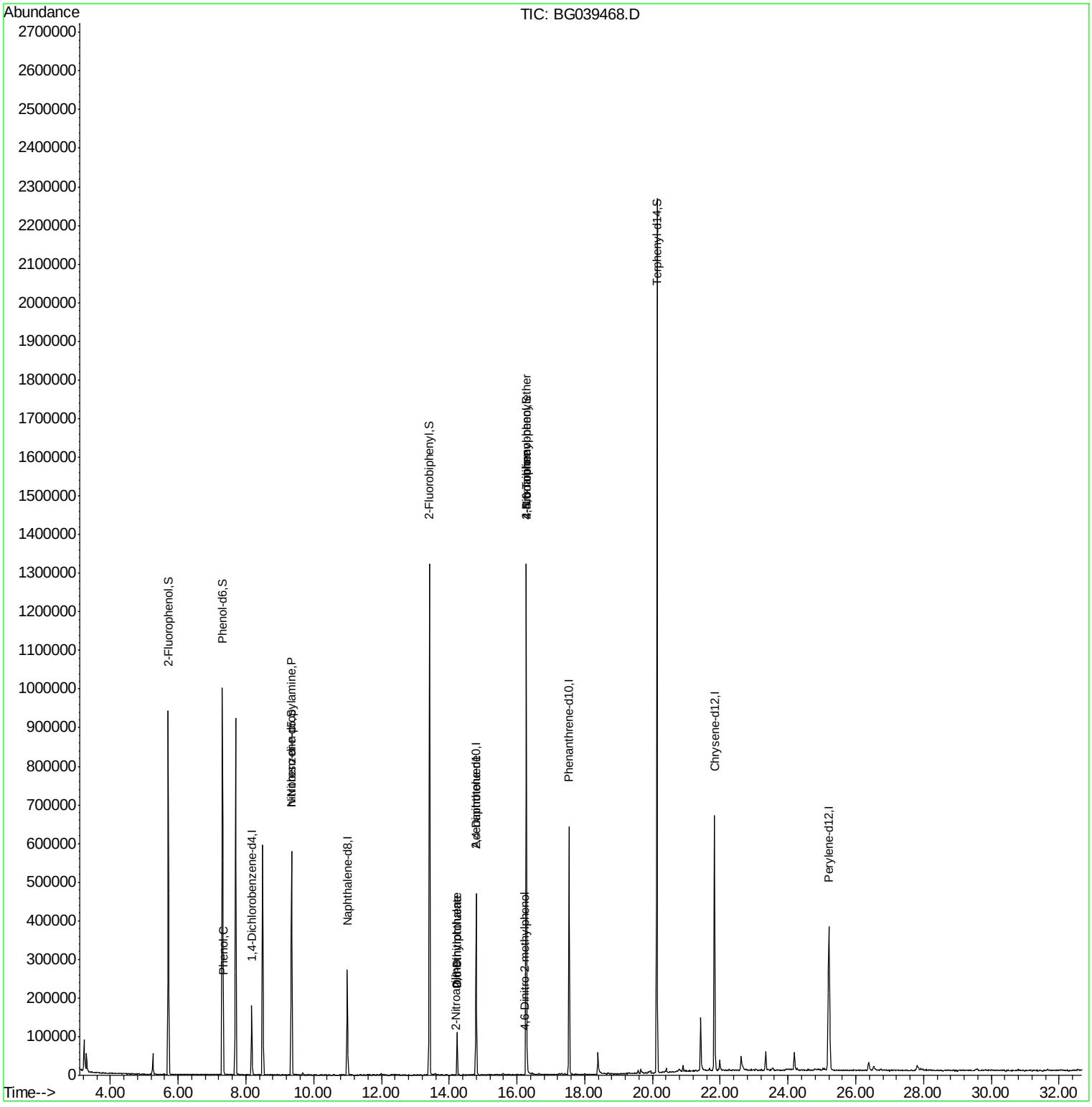
(#) = qualifier out of range (m) = manual integration (+) = signals summed

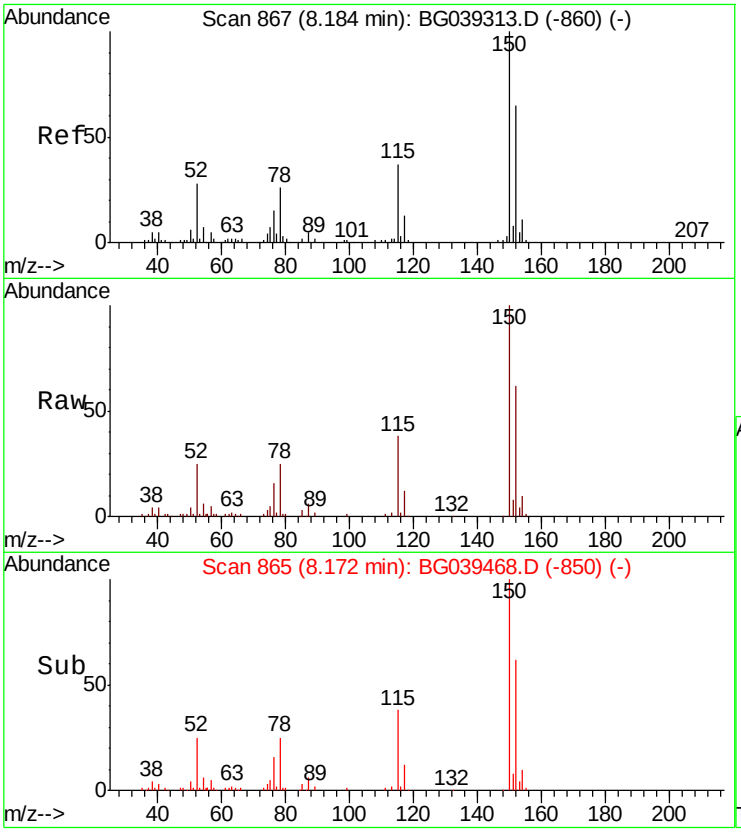
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
Data File : BG039468.D
Acq On : 12 Feb 2019 17:52
Operator : JU/SJ
Sample : K1462-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Quant Time: Feb 13 00:34:40 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



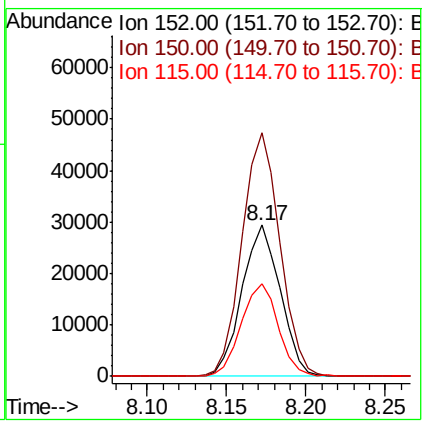


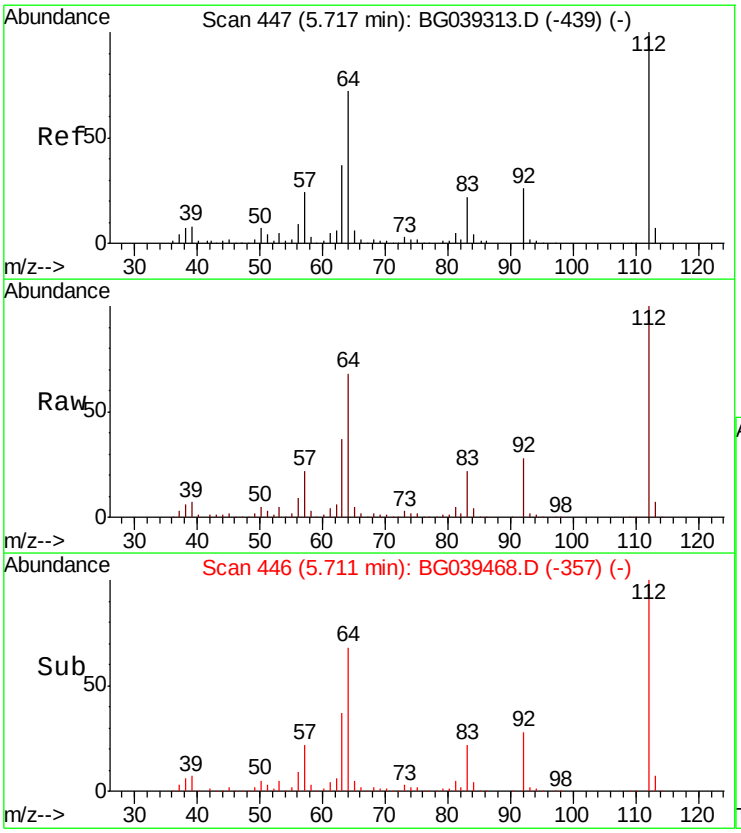
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:152 Resp: 49411

Ion	Ratio	Lower	Upper
152	100		
150	161.4	123.7	185.5
115	61.2	45.9	68.9

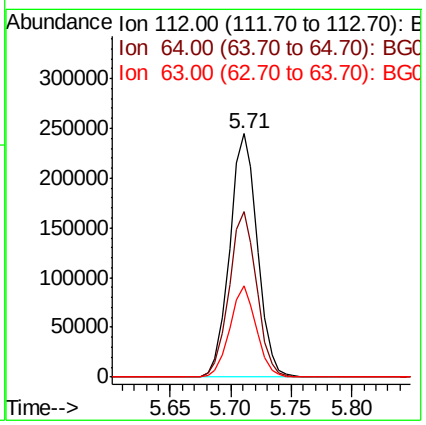


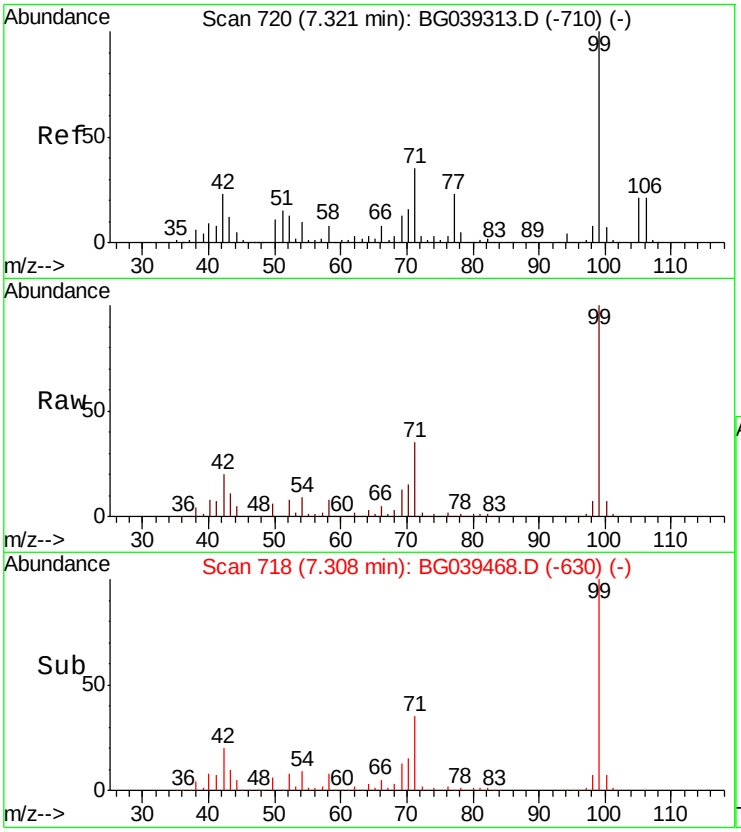


#5
2-Fluorophenol
Concen: 134.643 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:112 Resp: 388712

Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	37.3	29.8	44.6



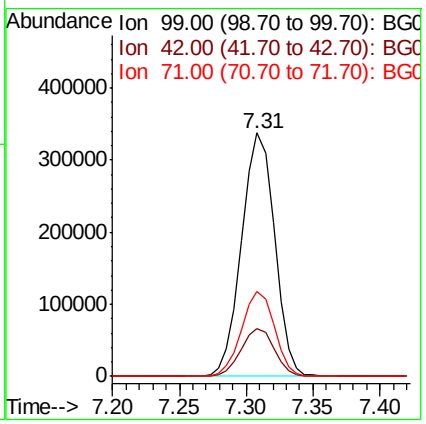


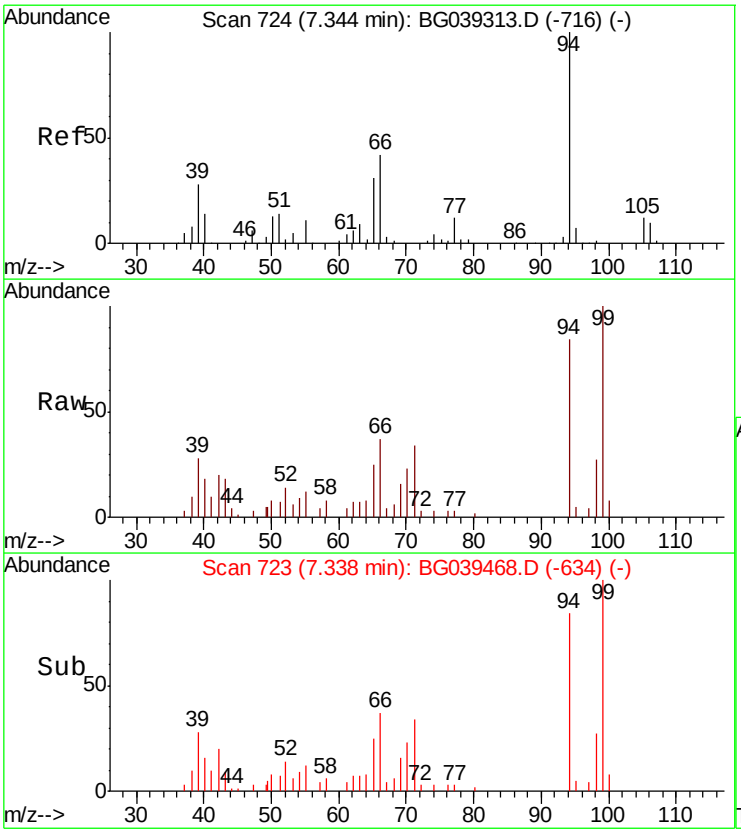
#7
Phenol-d6
Concen: 136.098 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion: 99 Resp: 578355

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	34.9	28.0	42.0

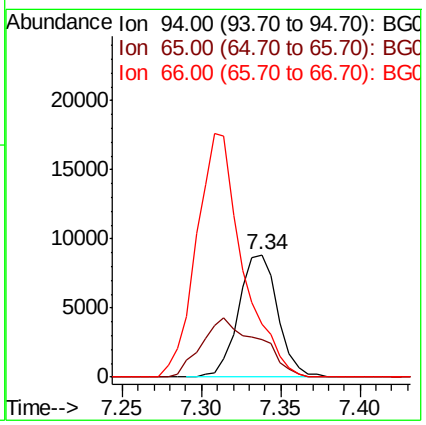


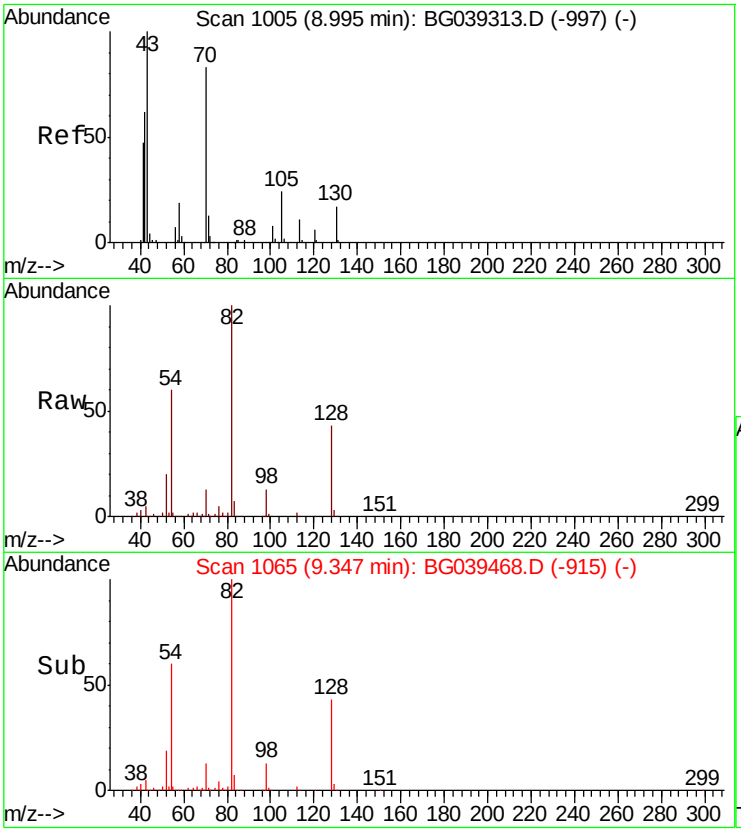


#10
Phenol
Concen: 3.420 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion: 94 Resp: 15150

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.7	51.7
66	43.8	23.7	63.7



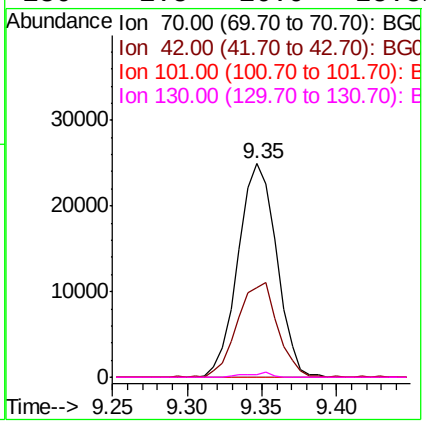


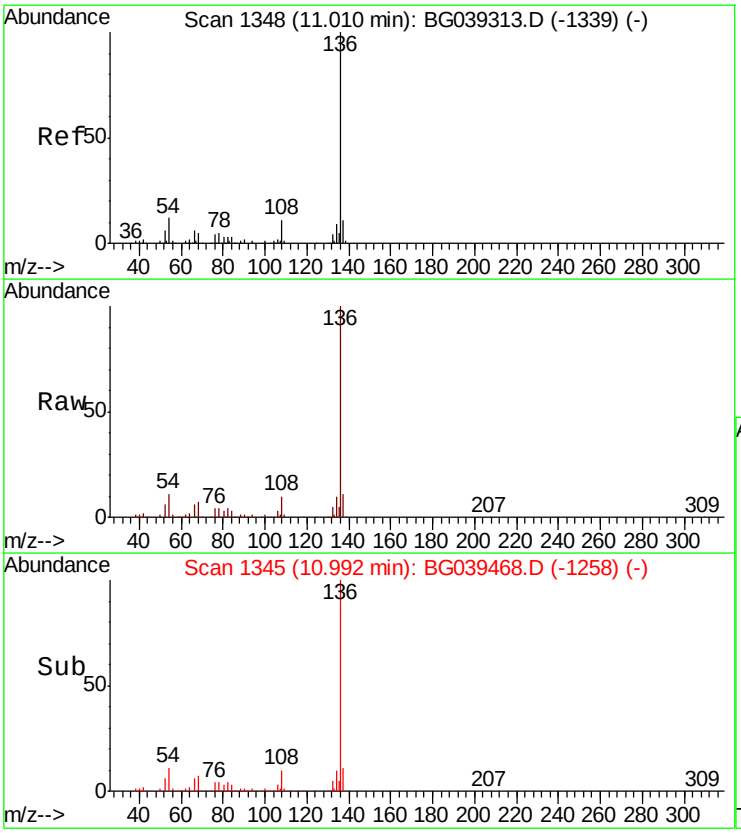
#19
n-Nitroso-di-n-propylamine
Concen: 14.786 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion: 70 Resp: 44596

Ion	Ratio	Lower	Upper
70	100		
42	41.9	60.4	90.6#
101	0.0	7.5	11.3#
130	1.5	16.9	25.3#

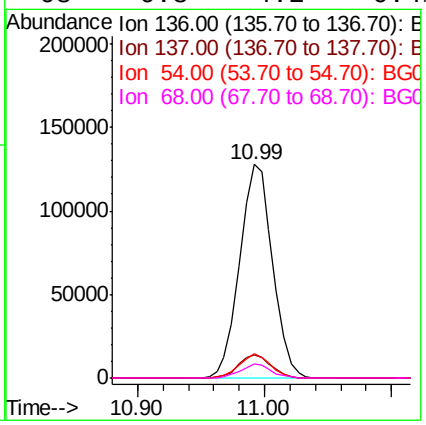


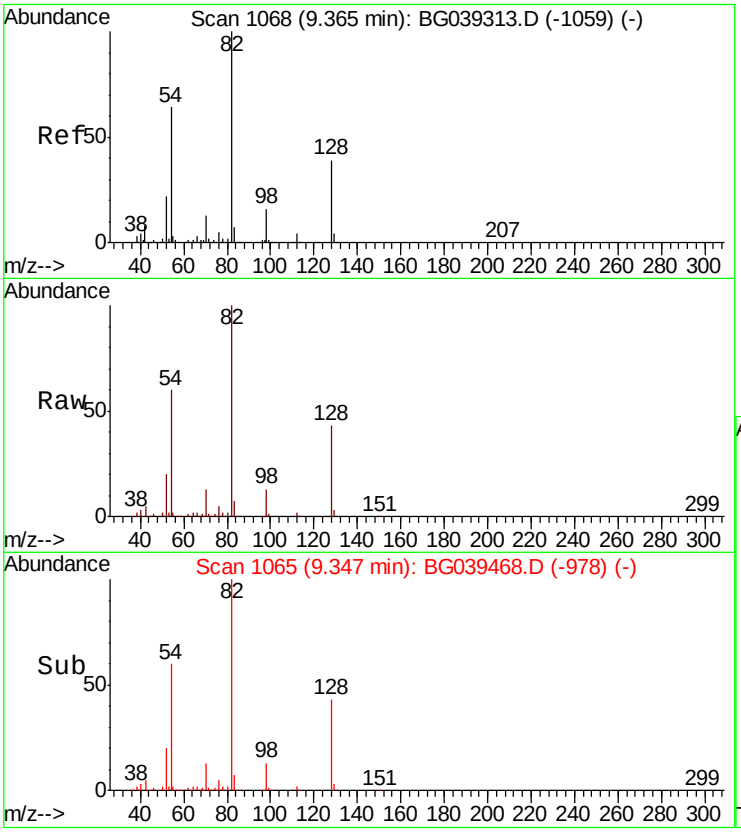


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:136 Resp: 229414

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.5	9.4	14.2
68	6.8	4.2	6.4#



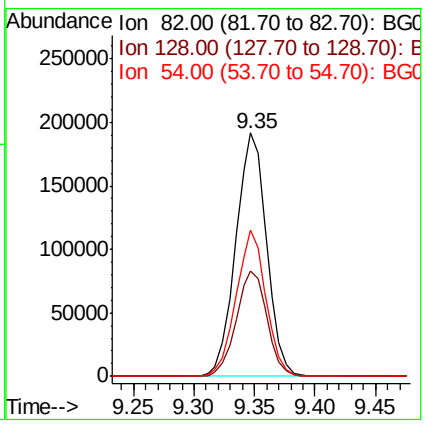


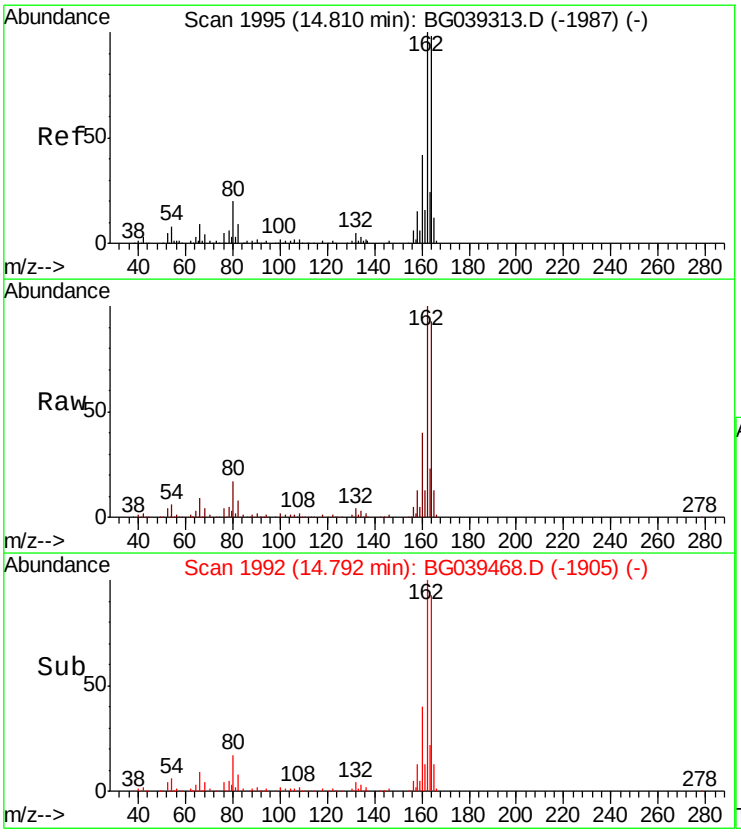
#23
Nitrobenzene-d5
Concen: 92.679 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion: 82 Resp: 340343

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	60.1	50.9	76.3

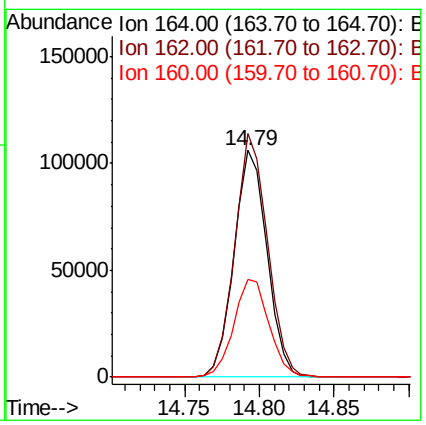


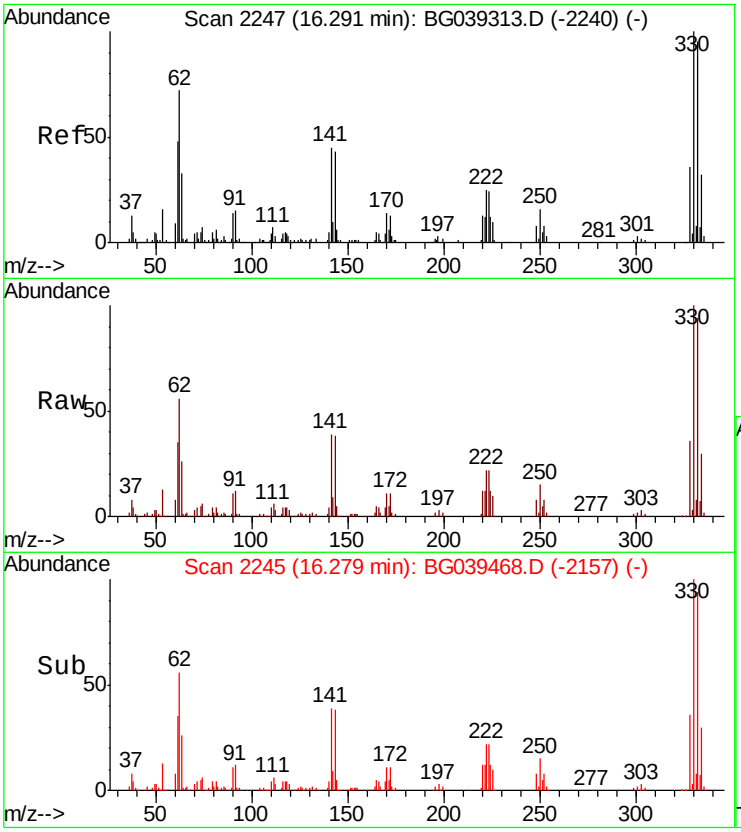


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:164 Resp: 162652

Ion	Ratio	Lower	Upper
164	100		
162	107.4	81.6	122.4
160	43.0	34.2	51.2



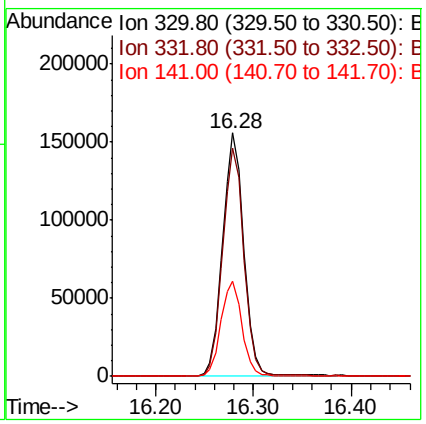


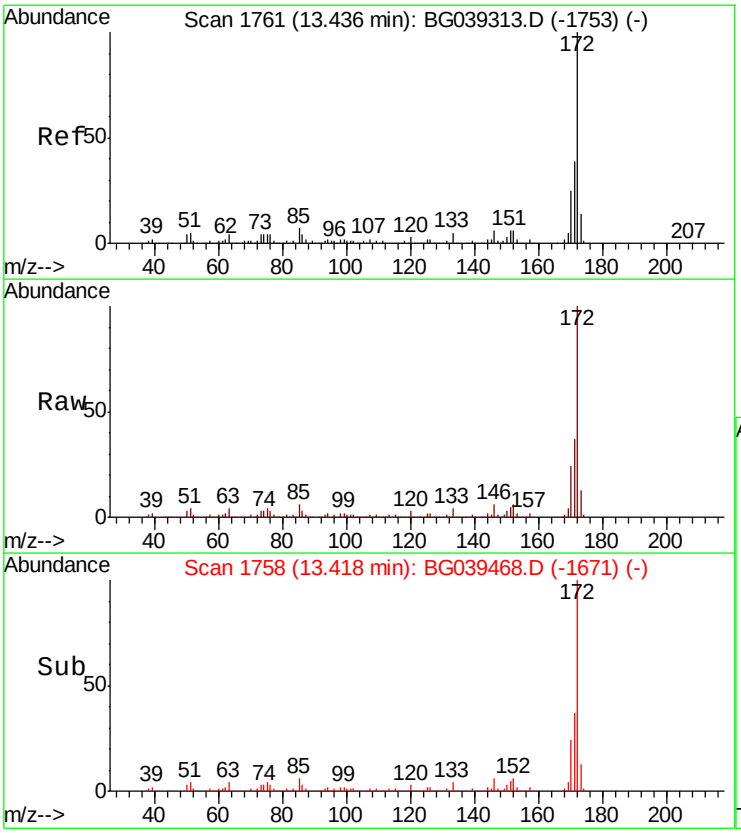
#42
2,4,6-Tribromophenol
Concen: 134.236 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:330 Resp: 235112

Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.7	113.5
141	39.0	35.6	53.4

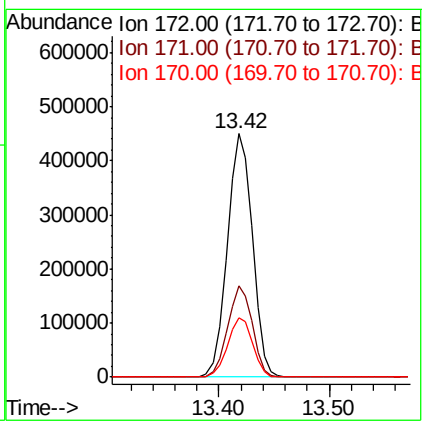


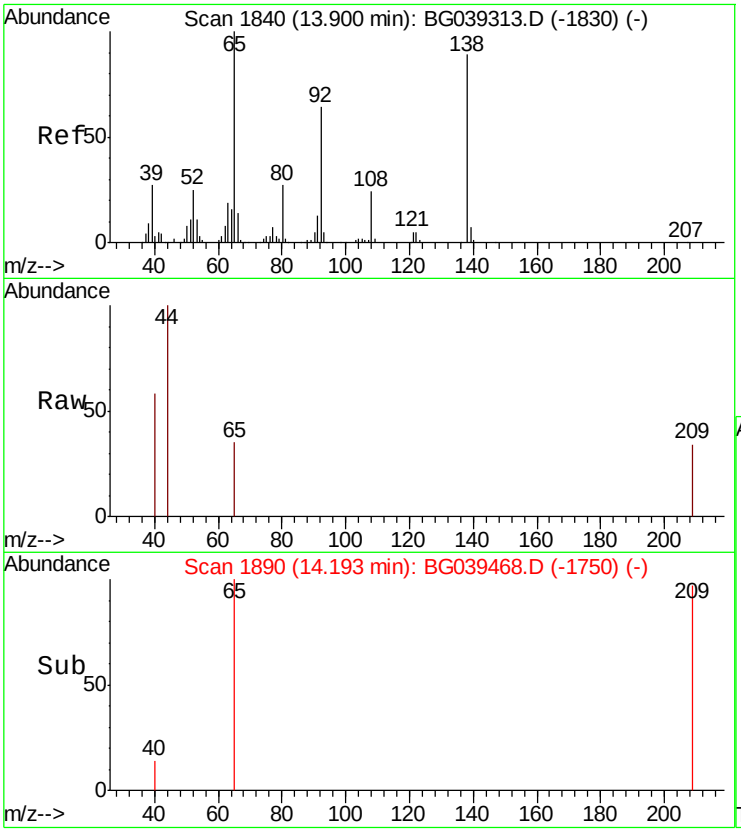


#45
2-Fluorobiphenyl
Concen: 63.192 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:172 Resp: 716485

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.5	20.2	30.4



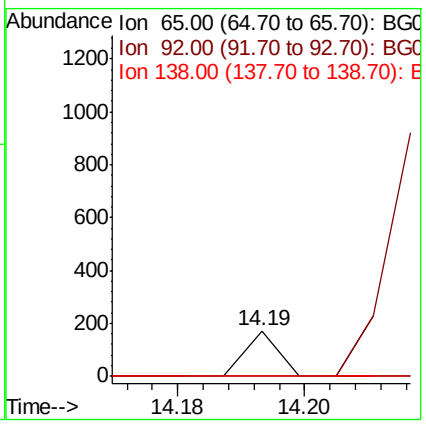


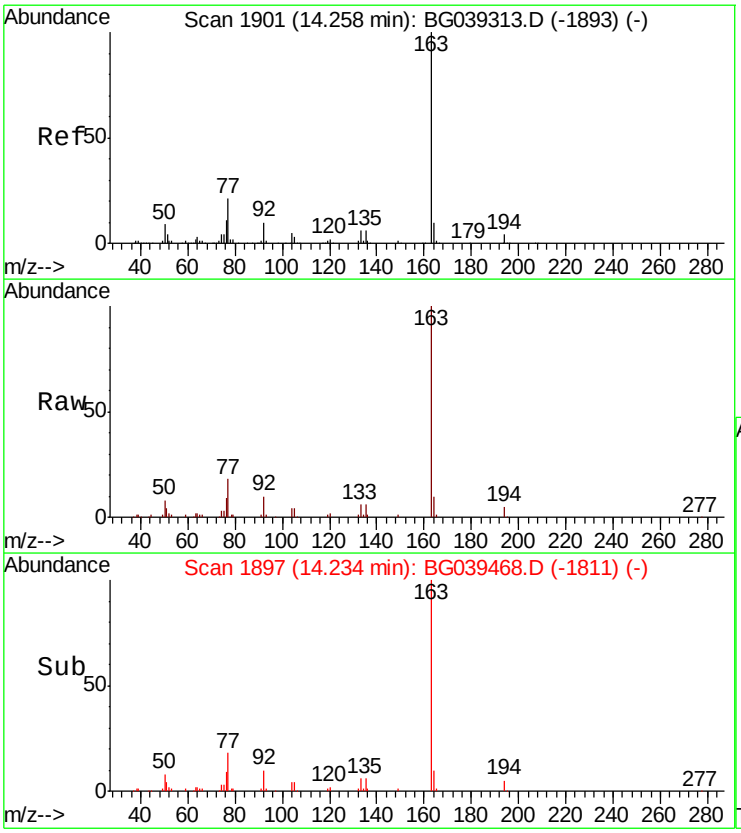
#48
2-Nitroaniline
Concen: 8.313 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.29 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion: 65 Resp: 60

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

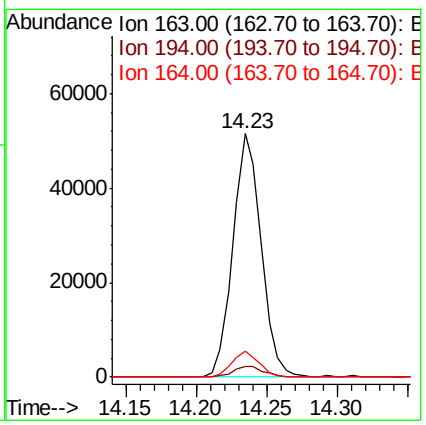


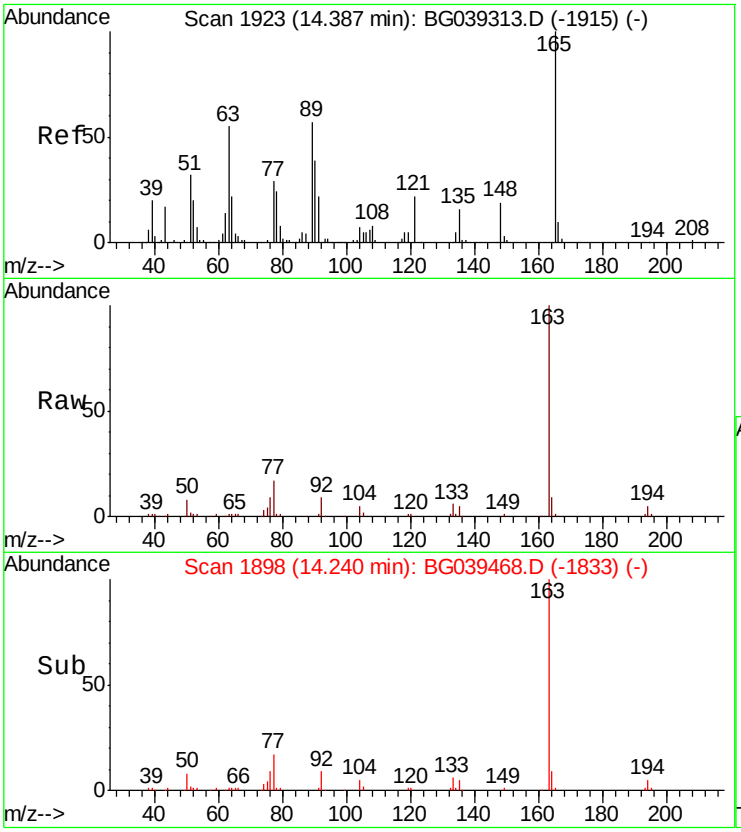


#50
Dimethylphthalate
Concen: 5.460 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:163 Resp: 71719

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.4	12.6



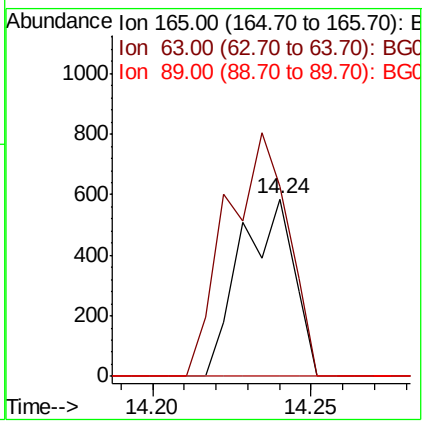


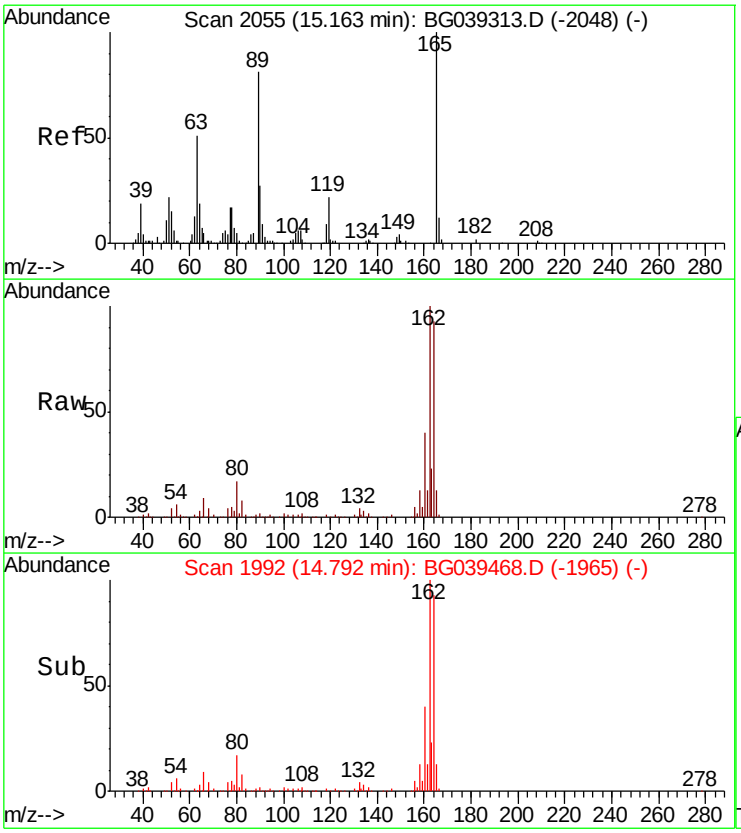
#51
2,6-Dinitrotoluene
Concen: 6.800 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.15 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:165 Resp: 686

Ion	Ratio	Lower	Upper
165	100		
63	107.2	47.0	70.6#
89	0.0	45.8	68.8#

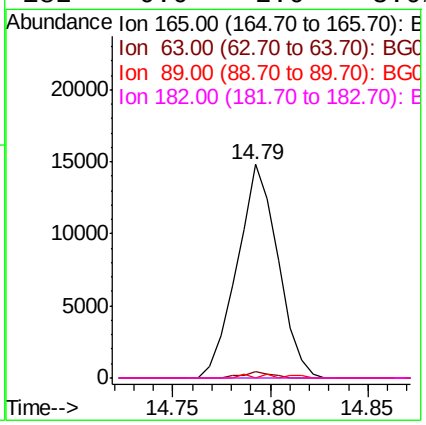


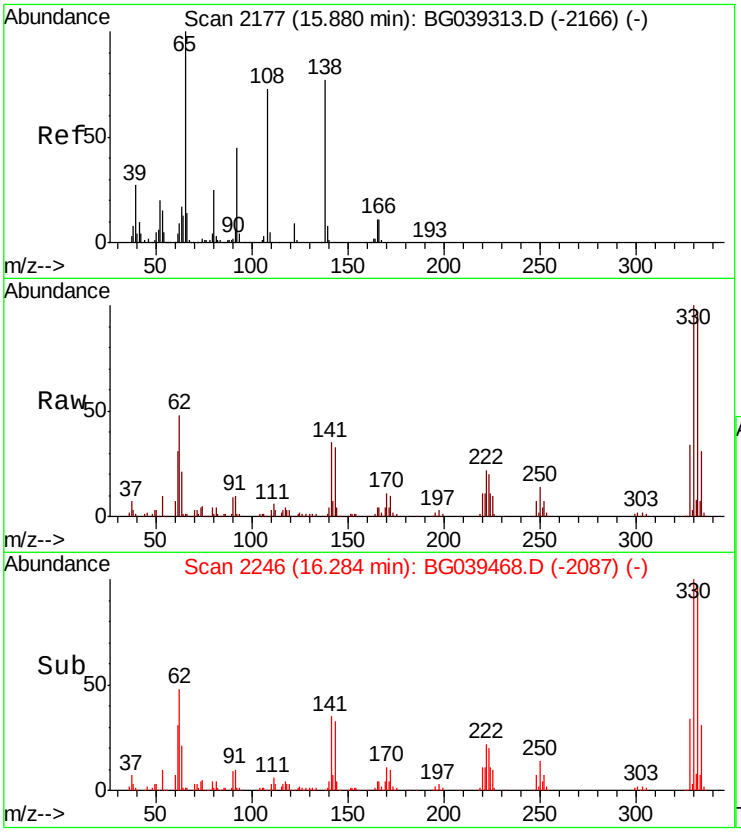


#57
2,4-Dinitrotoluene
Concen: 13.520 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:165 Resp: 21398

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



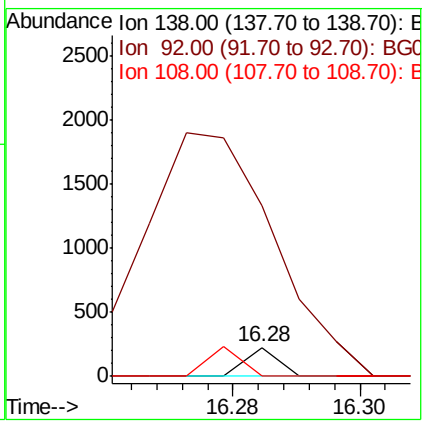


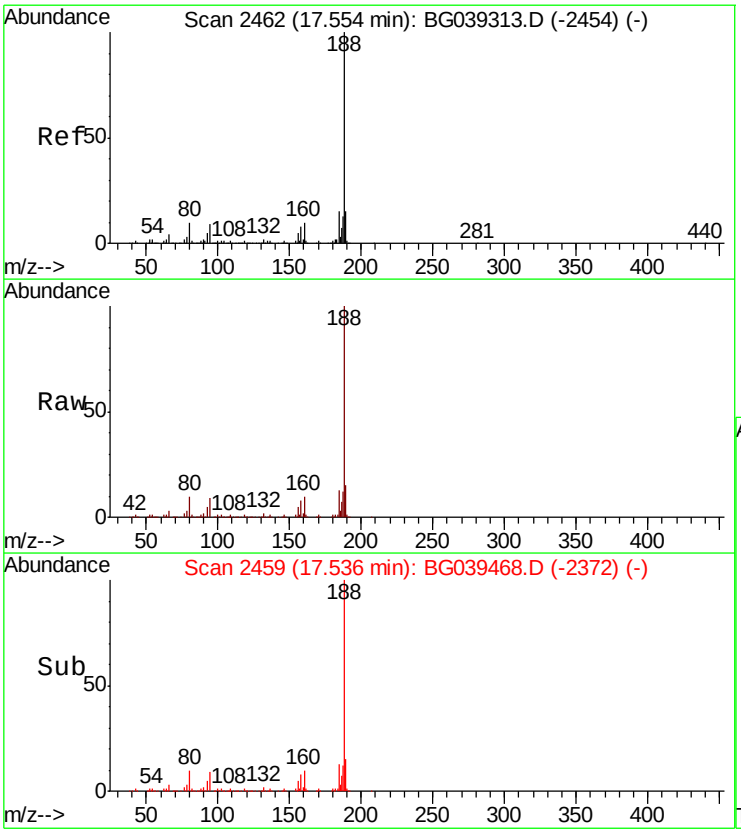
#62
4-Nitroaniline
Concen: 4.229 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.41 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:138 Resp: 80

Ion	Ratio	Lower	Upper
138	100		
92	583.3	38.7	78.7#
108	0.0	74.6	114.6#

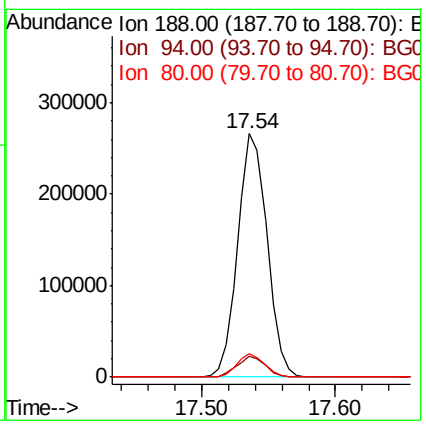


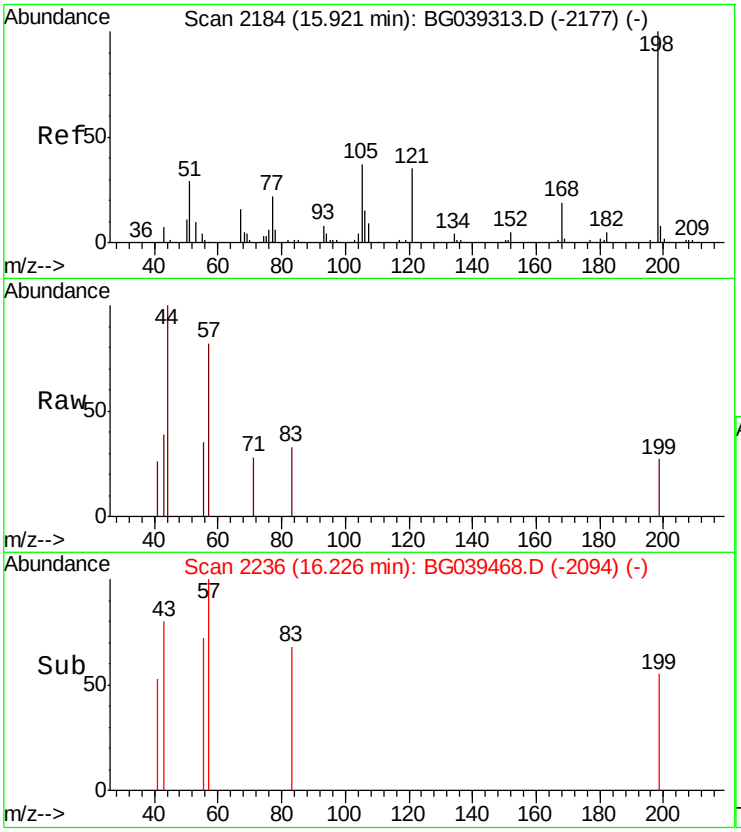


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:188 Resp: 404526

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.8	8.1	12.1



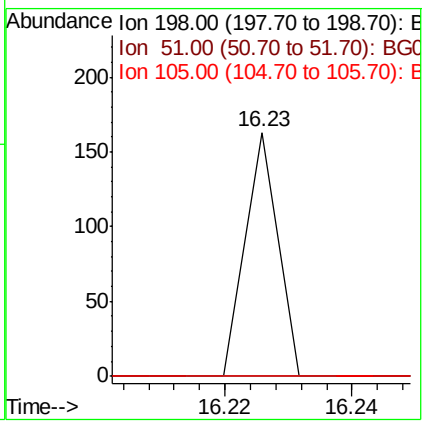


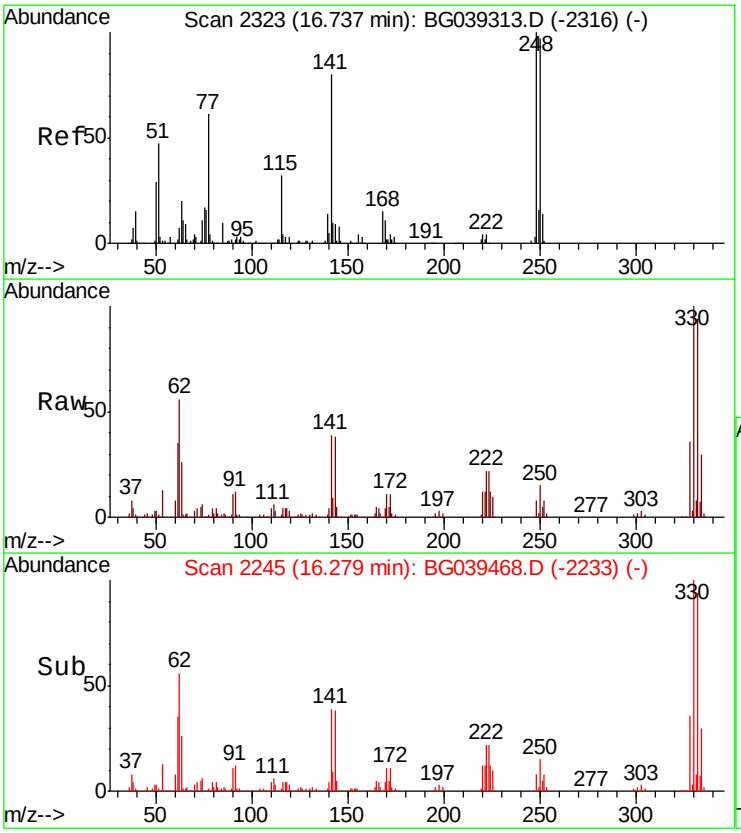
#65
4,6-Dinitro-2-methylphenol
Concen: 4.215 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.31 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:198 Resp: 57

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

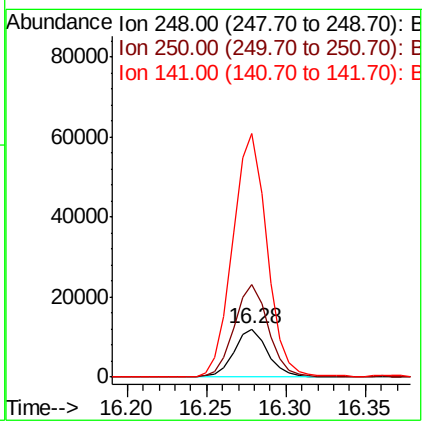


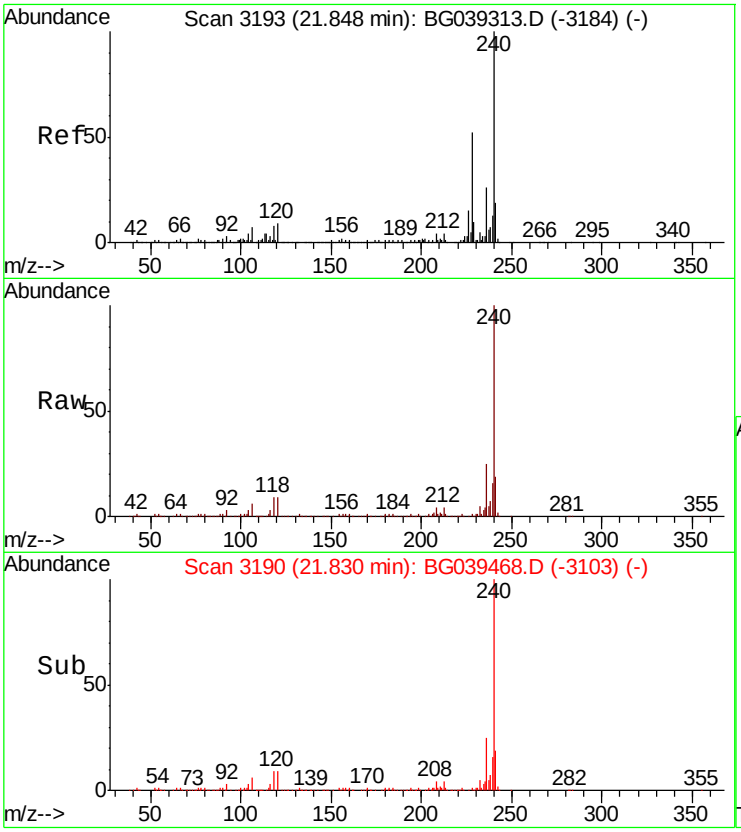


#67
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:248 Resp: 17616

Ion	Ratio	Lower	Upper
248	100		
250	191.9	77.6	116.4#
141	503.6	63.9	95.9#



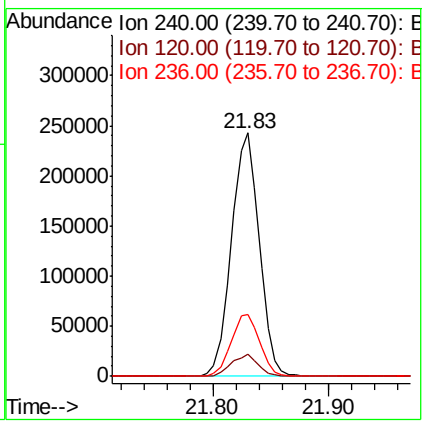


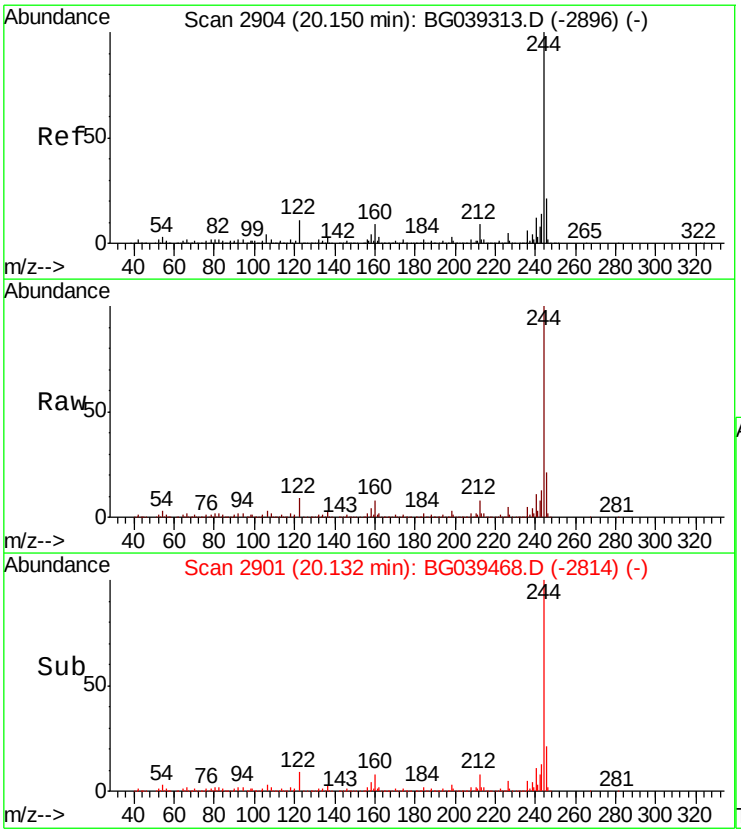
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:240 Resp: 403954

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	25.3	21.0	31.4

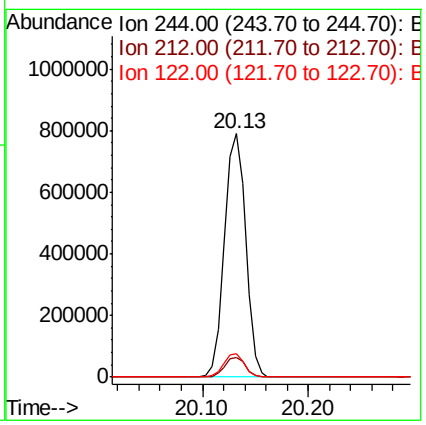


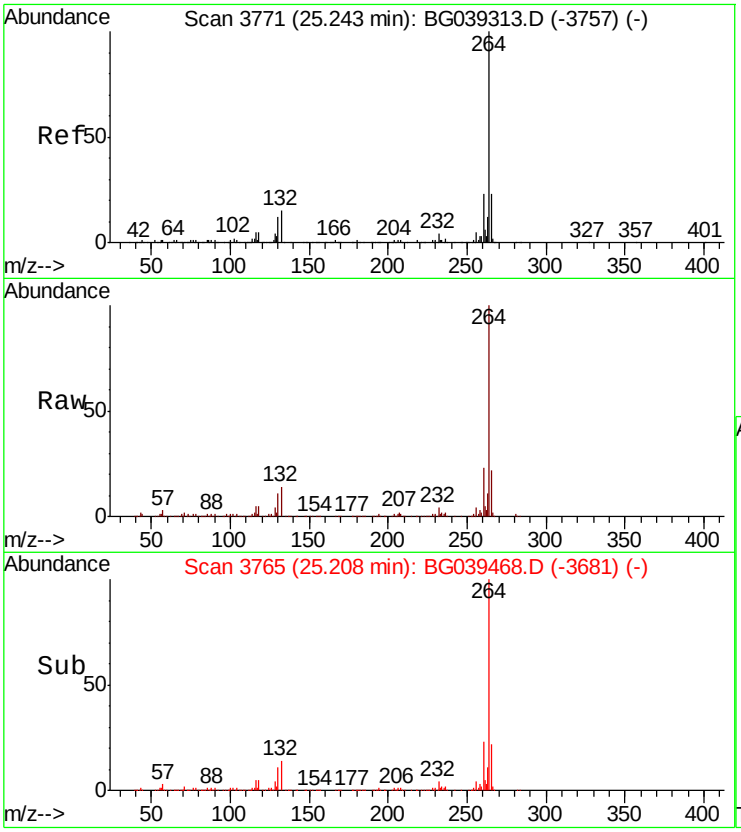


#79
Terphenyl-d14
Concen: 57.283 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:244 Resp: 1093211

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.3	10.9
122	9.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:264 Resp: 411130

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.3	18.5	27.7