Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039688.D
Acq On : 1 Mar 2019 10:46
Operator : JU/SJ
Sample : PN117492BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 12:08:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	50872	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	236684	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	164177	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	370408	20.00	ng	0.00
76) Chrysene-d12	21.82	240	379626	20.00	ng	0.00
87) Perylene-d12	25.20	264	360799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	394482	132.72	ng	0.00
7) Phenol-d6	7.31	99	572231	130.79	ng	0.00
23) Nitrobenzene-d5	9.34	82	332139	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	81122	45.89	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	861505	75.28	ng	0.00
79) Terphenyl-d14	20.12	244	1243150	69.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1029	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	43647	14.055	ng	# 65
48) 2-Nitroaniline	13.97	65	56	8.312	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	21443	14.029	ng	# 25
56) 4-Nitrophenol	15.04	139	54	5.815	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	21443	13.479	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	163	4.312	ng	# 39

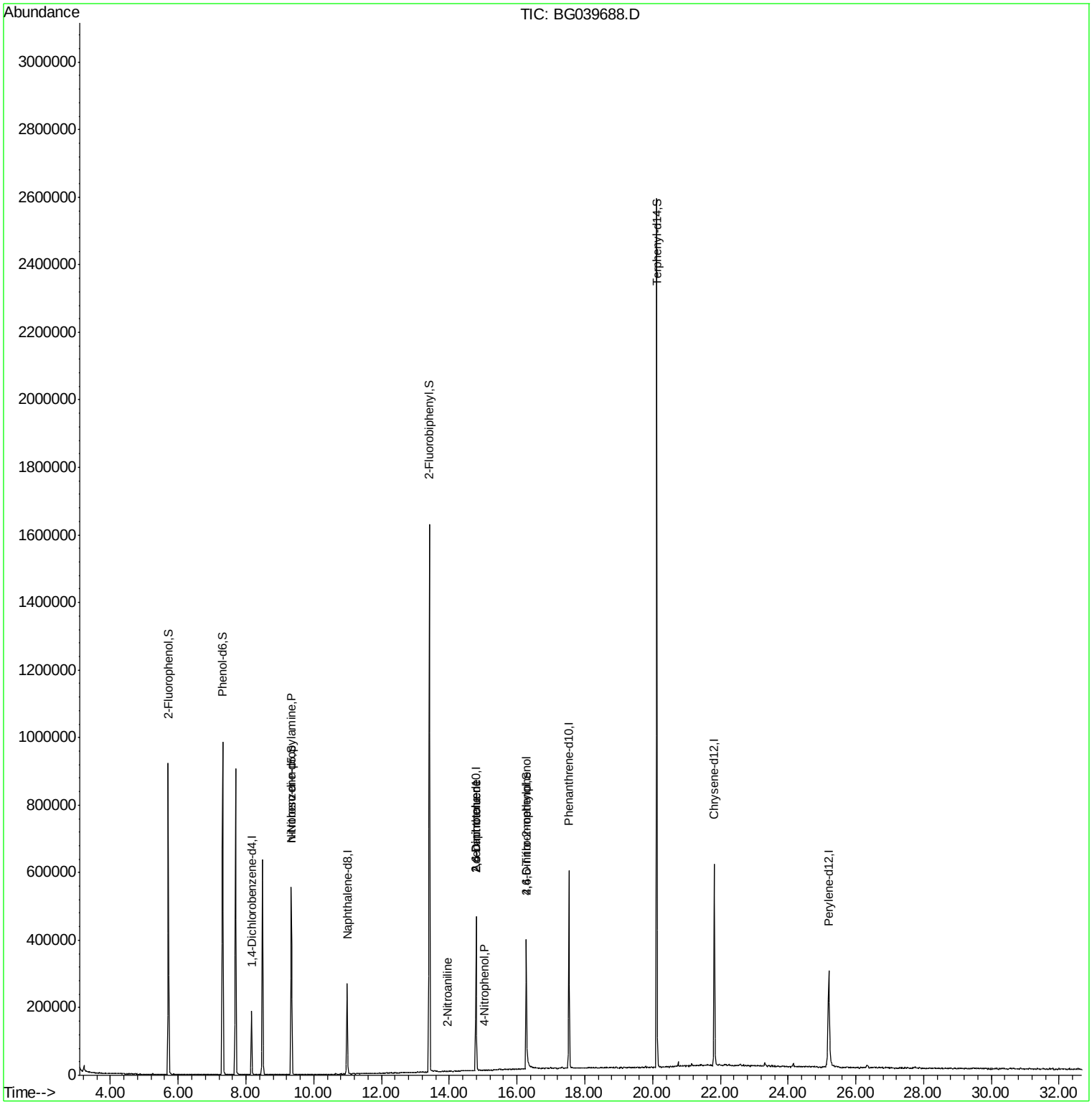
(#) = qualifier out of range (m) = manual integration (+) = signals summed

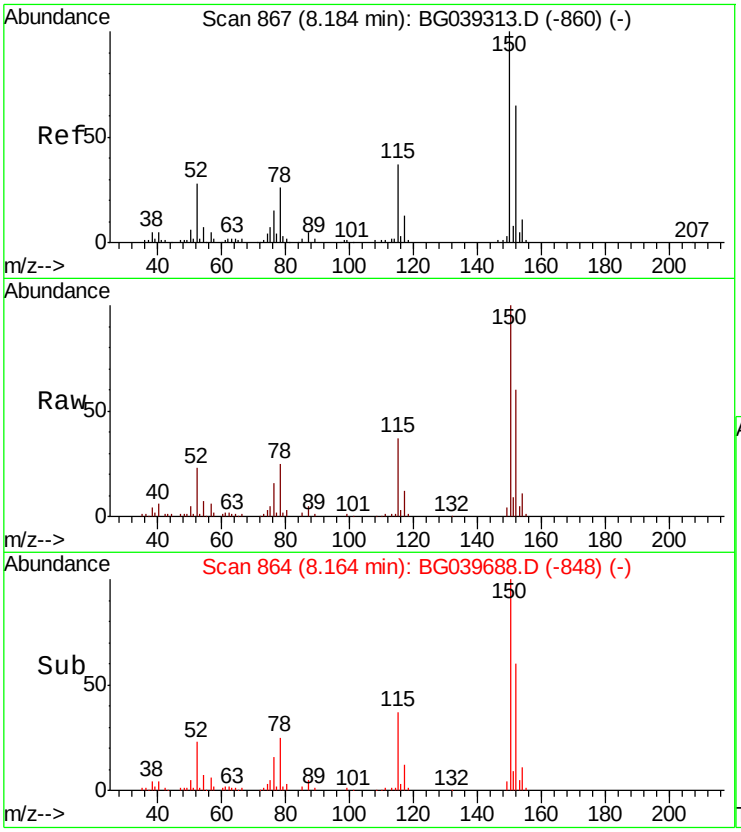
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039688.D
Acq On : 1 Mar 2019 10:46
Operator : JU/SJ
Sample : PN117492BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 01 12:08:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



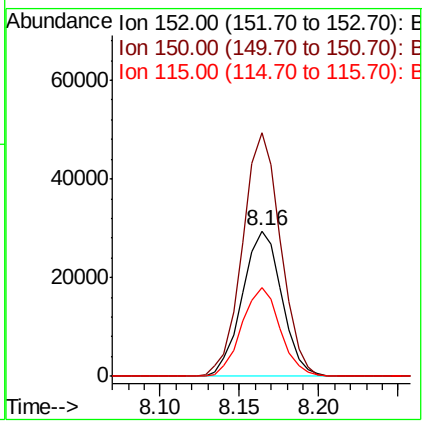


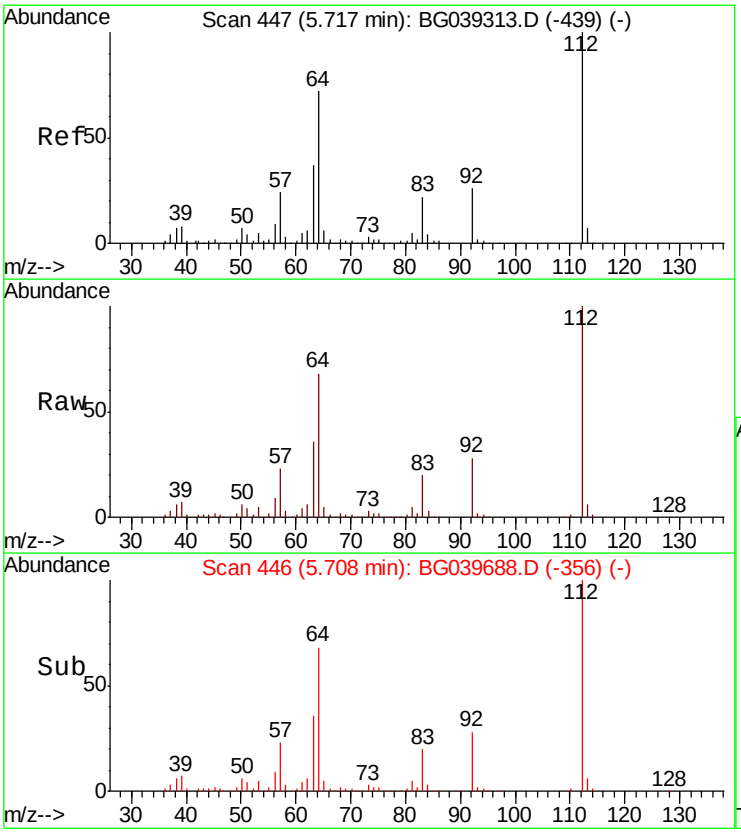
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50872

Ion	Ratio	Lower	Upper
152	100		
150	167.3	123.7	185.5
115	61.2	45.9	68.9

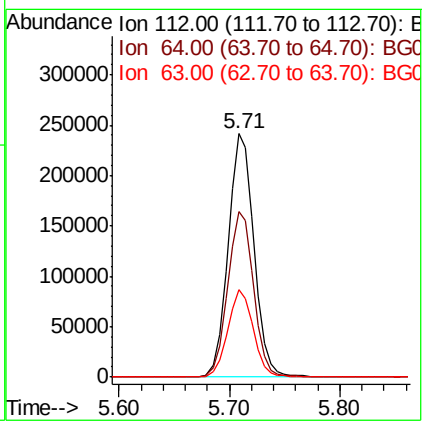


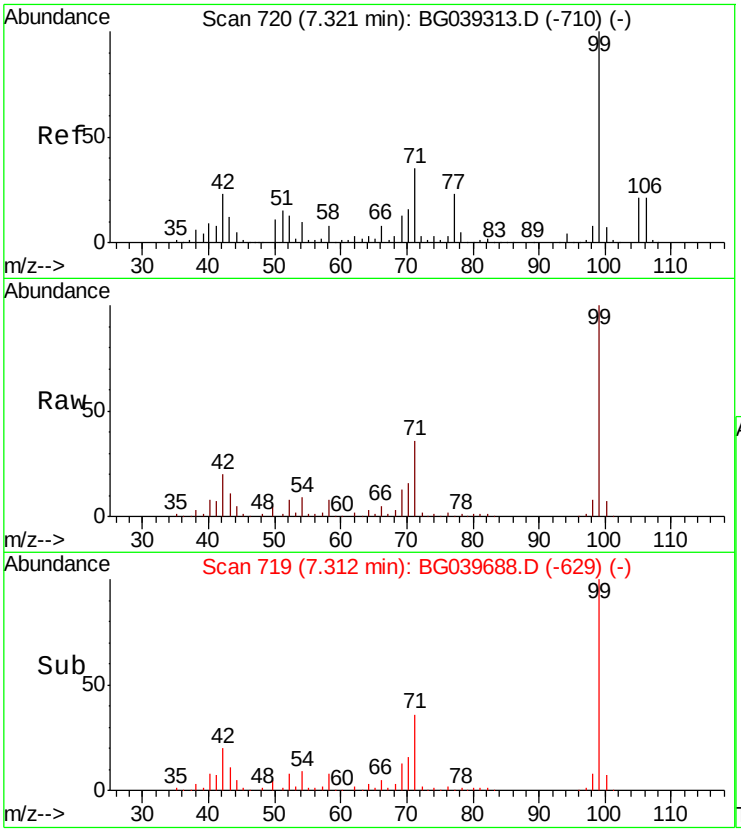


#5
2-Fluorophenol
Concen: 132.717 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion:112 Resp: 394482

Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	36.0	29.8	44.6



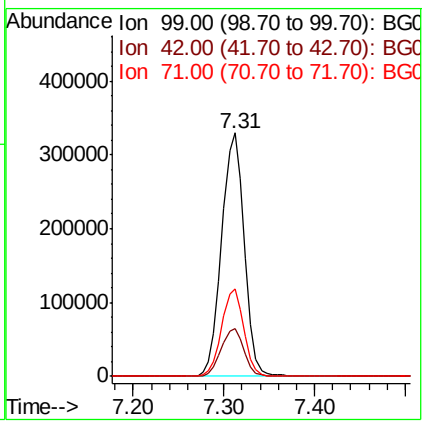


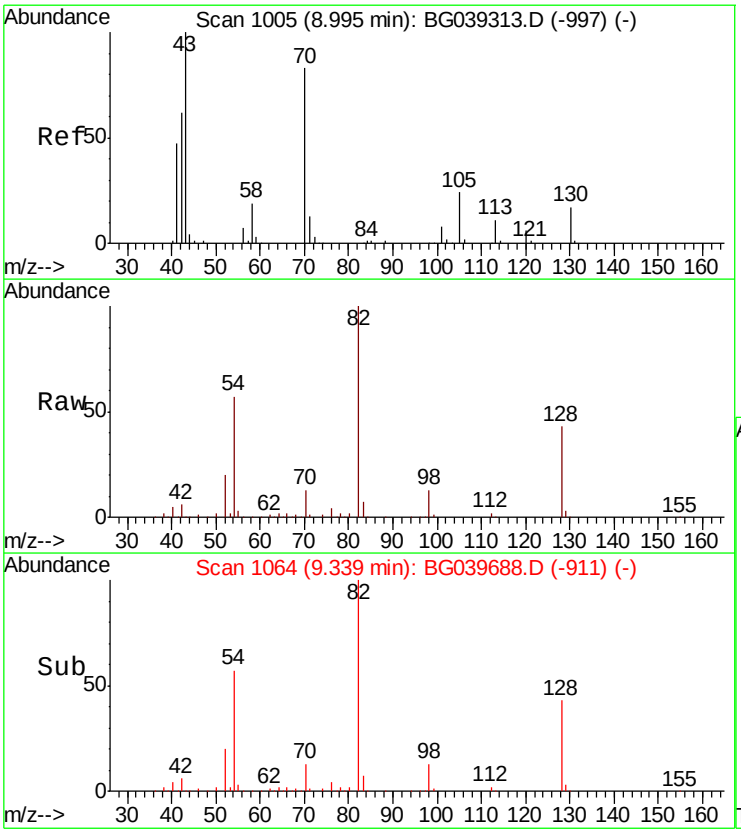
#7
Phenol-d6
Concen: 130.789 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 572231

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	35.7	28.0	42.0

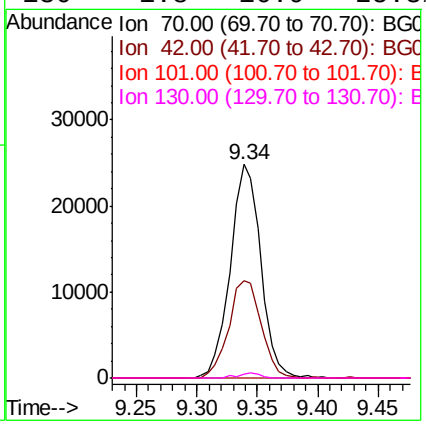


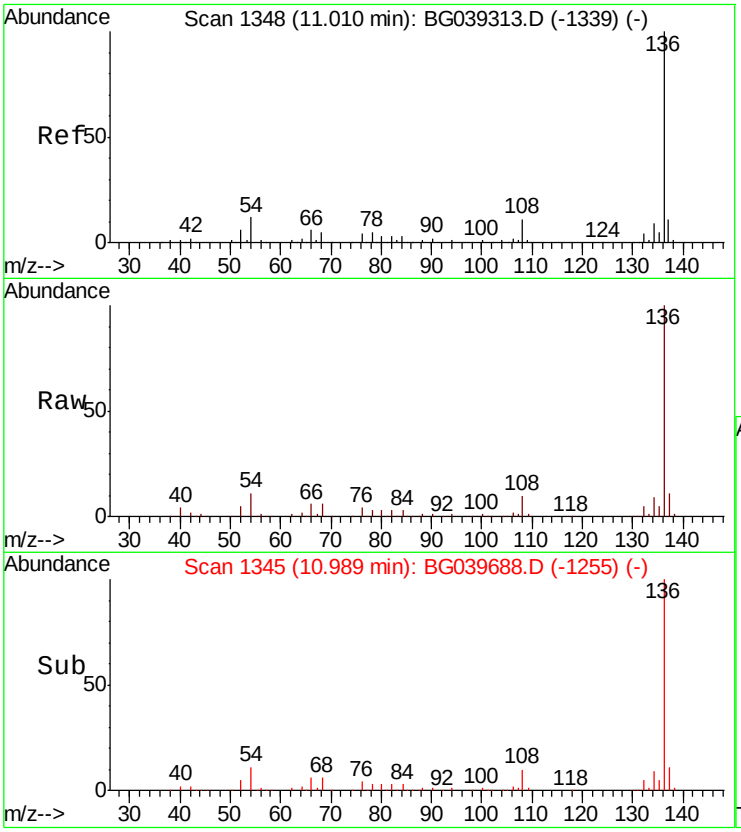


#19
n-Nitroso-di-n-propylamine
Concen: 14.055 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion: 70 Resp: 43647

Ion	Ratio	Lower	Upper
70	100		
42	45.8	60.4	90.6#
101	0.0	7.5	11.3#
130	1.8	16.9	25.3#



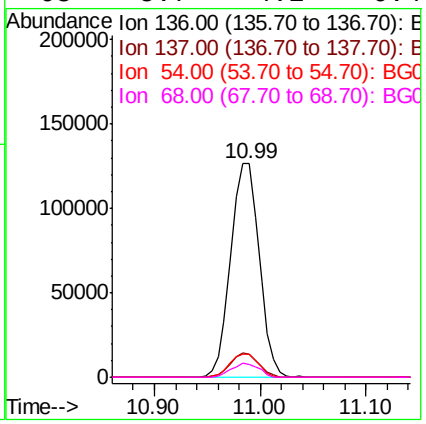


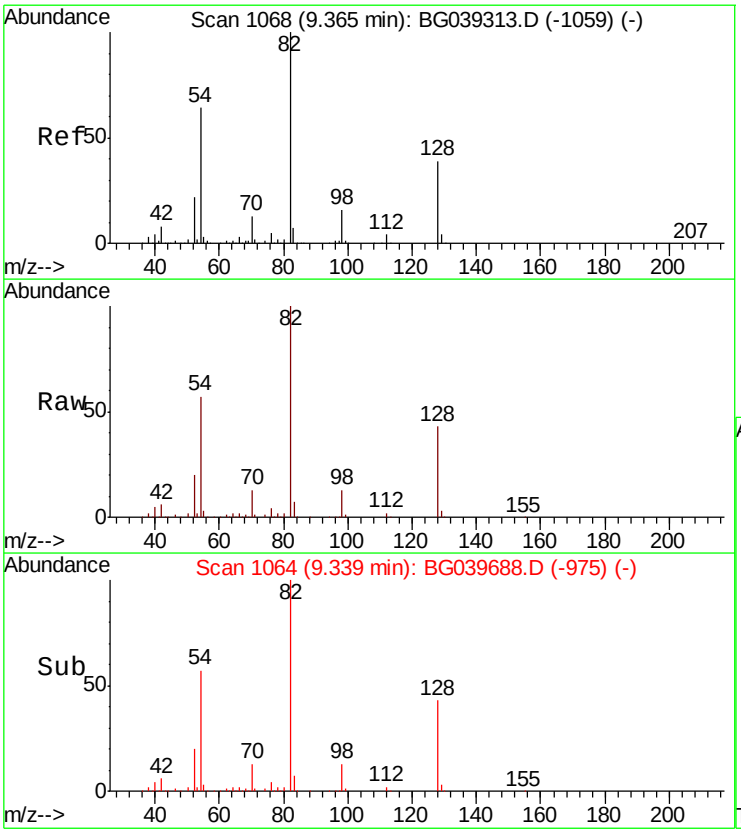
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 236684

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.9	9.4	14.2
68	5.7	4.2	6.4

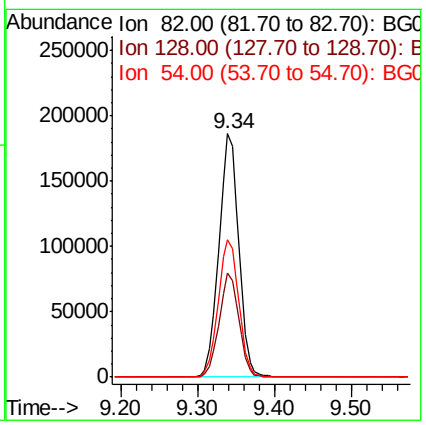


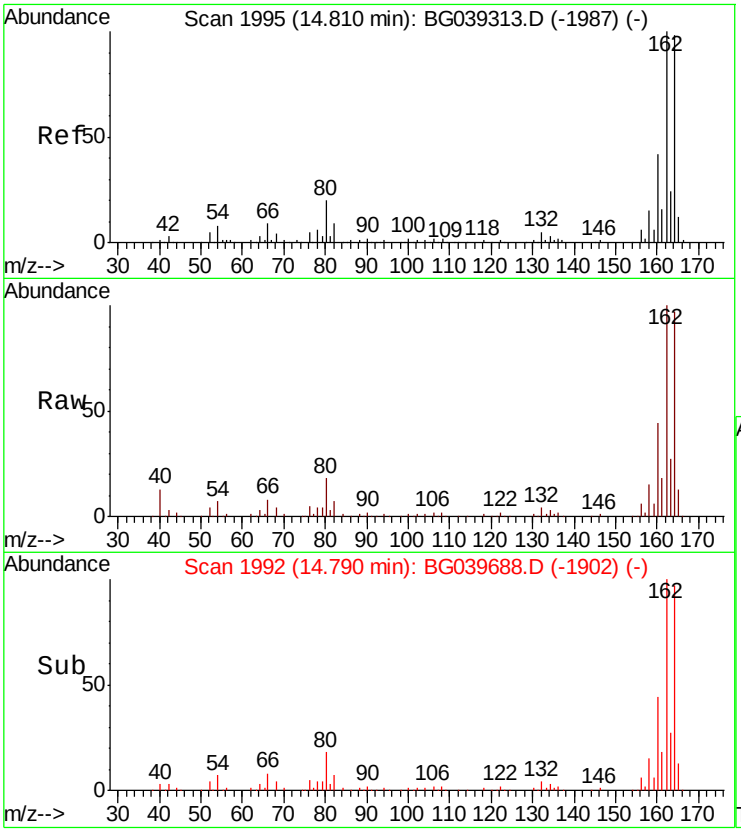


#23
Nitrobenzene-d5
Concen: 87.666 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion: 82 Resp: 332139

Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	56.6	50.9	76.3



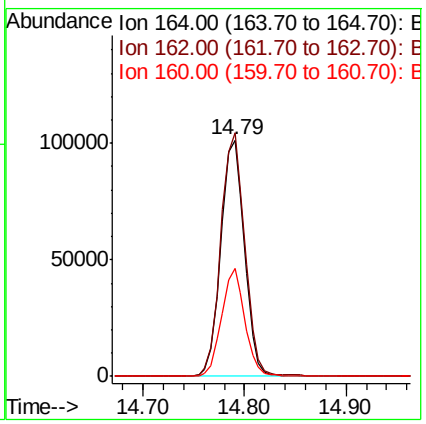


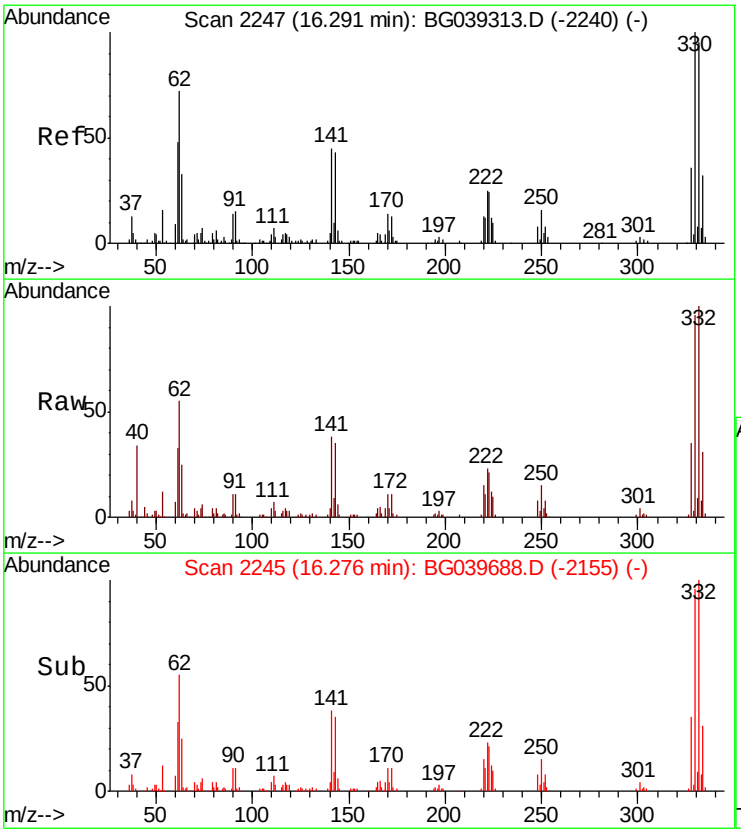
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 164177

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	45.5	34.2	51.2

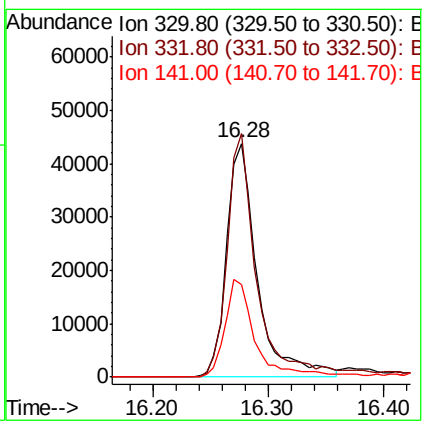


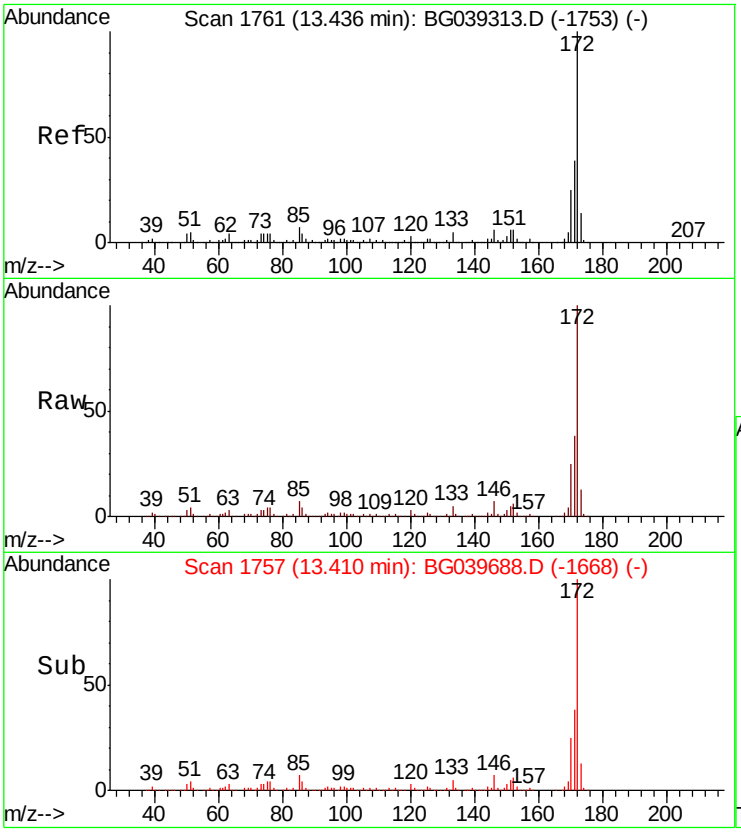


#42
2,4,6-Tribromophenol
Concen: 45.886 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion:330 Resp: 81122

Ion	Ratio	Lower	Upper
330	100		
332	101.2	75.7	113.5
141	40.8	35.6	53.4



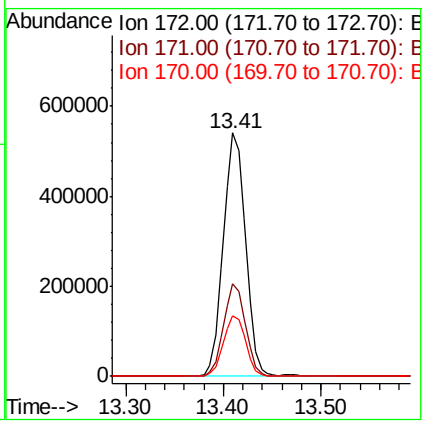


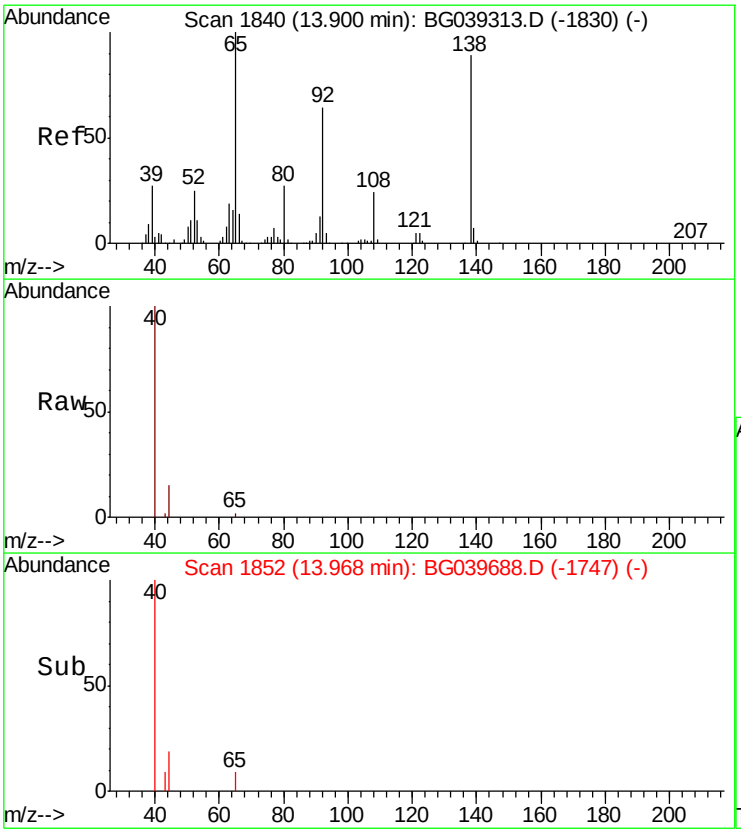
#45
2-Fluorobiphenyl
Concen: 75.277 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 861505

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.1	20.2	30.4

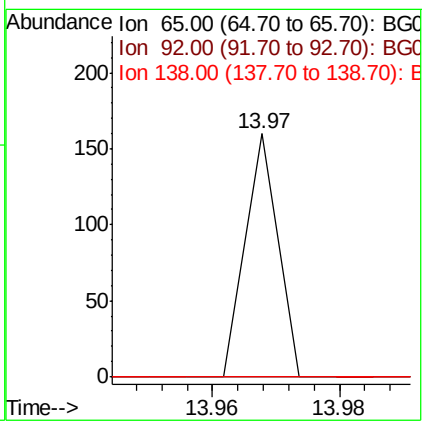


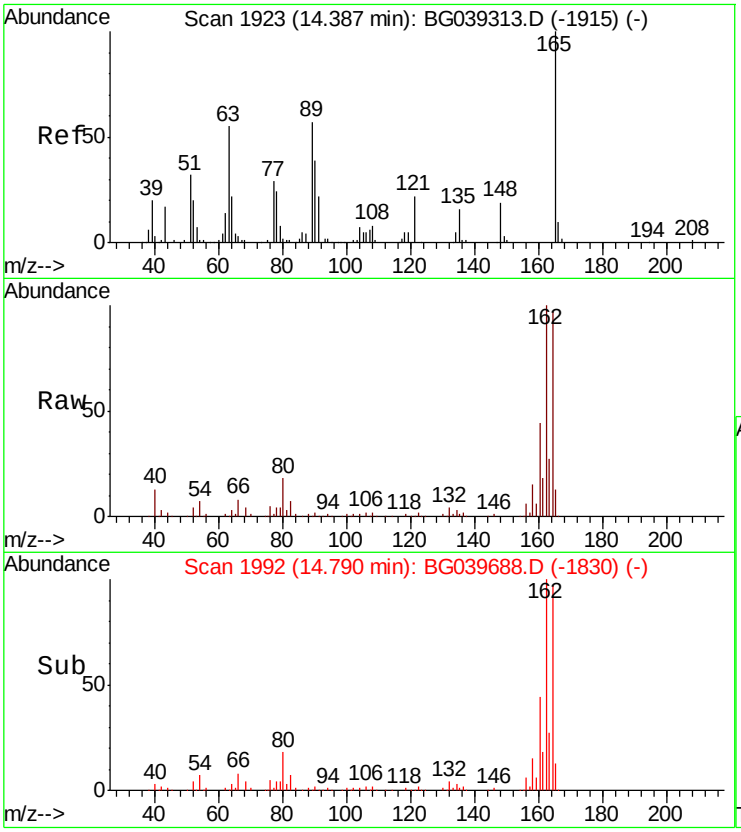


#48
2-Nitroaniline
Concen: 8.312 ng
RT: 13.97 min Scan# 1852
Delta R.T. 0.09 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion: 65 Resp: 56

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



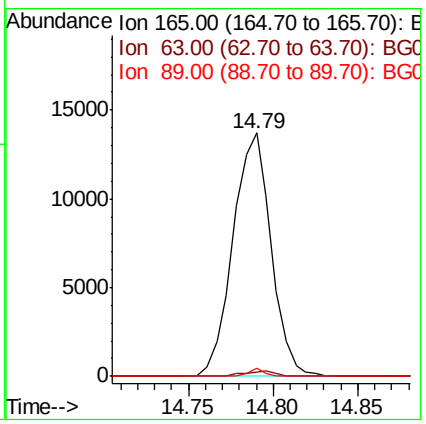


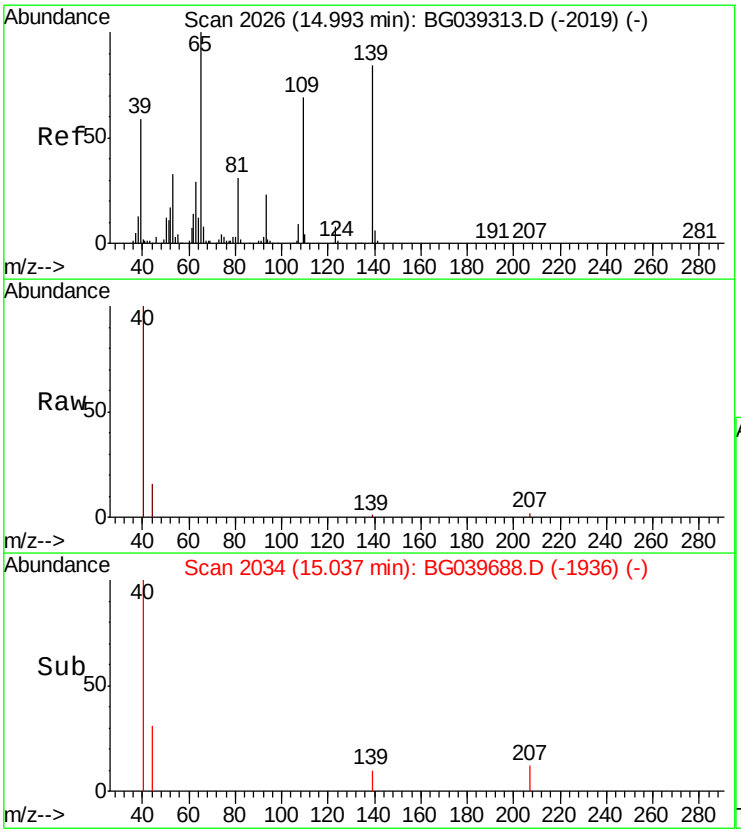
#51
2,6-Dinitrotoluene
Concen: 14.029 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.42 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21443

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	3.2	45.8	68.8#

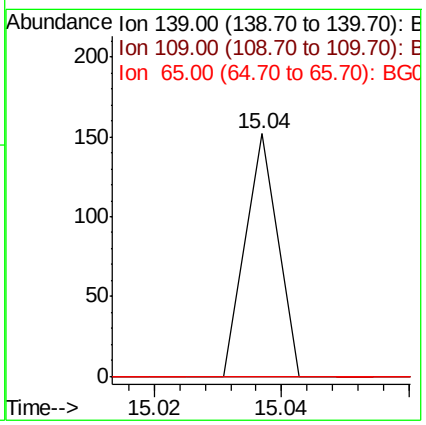


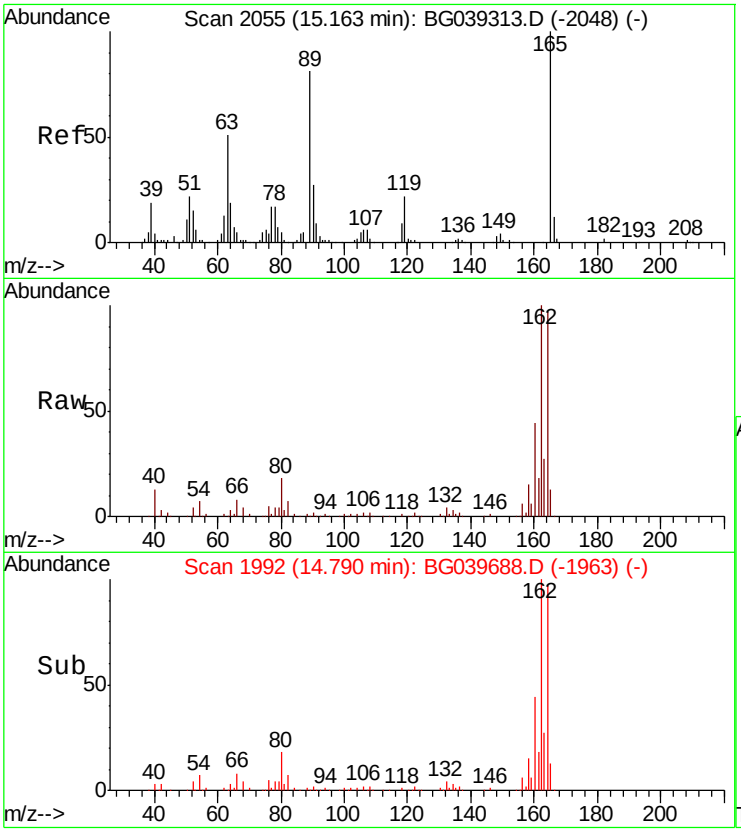


#56
4-Nitrophenol
Concen: 5.815 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.05 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion:139 Resp: 54

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



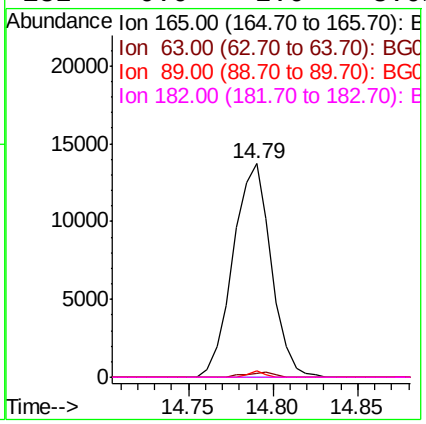


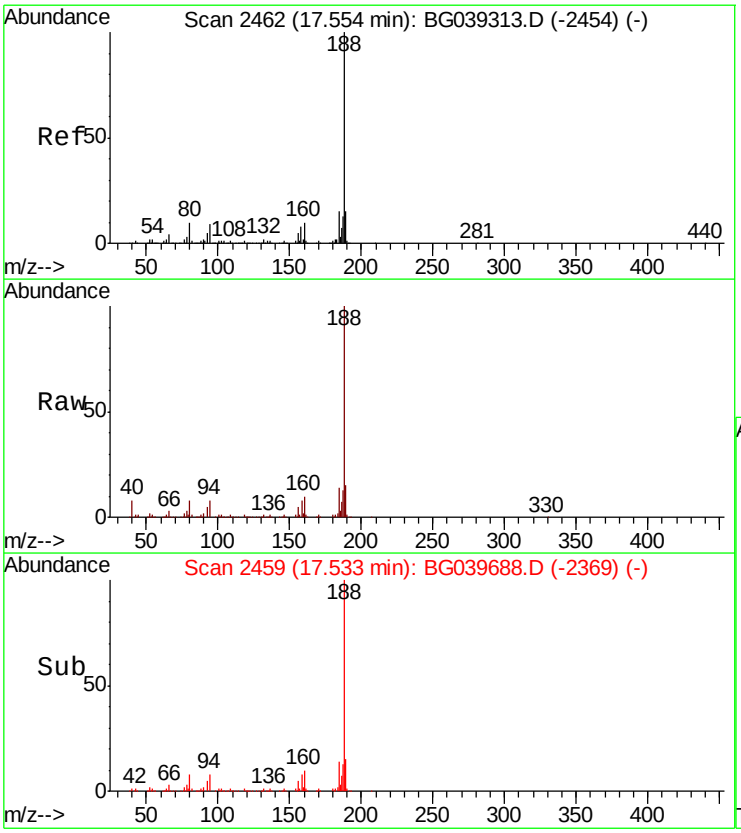
#57
2,4-Dinitrotoluene
Concen: 13.479 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.36 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21443

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	3.2	64.6	96.8#
182	0.0	2.0	3.0#

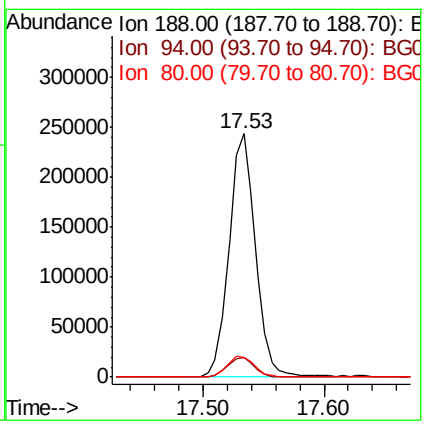


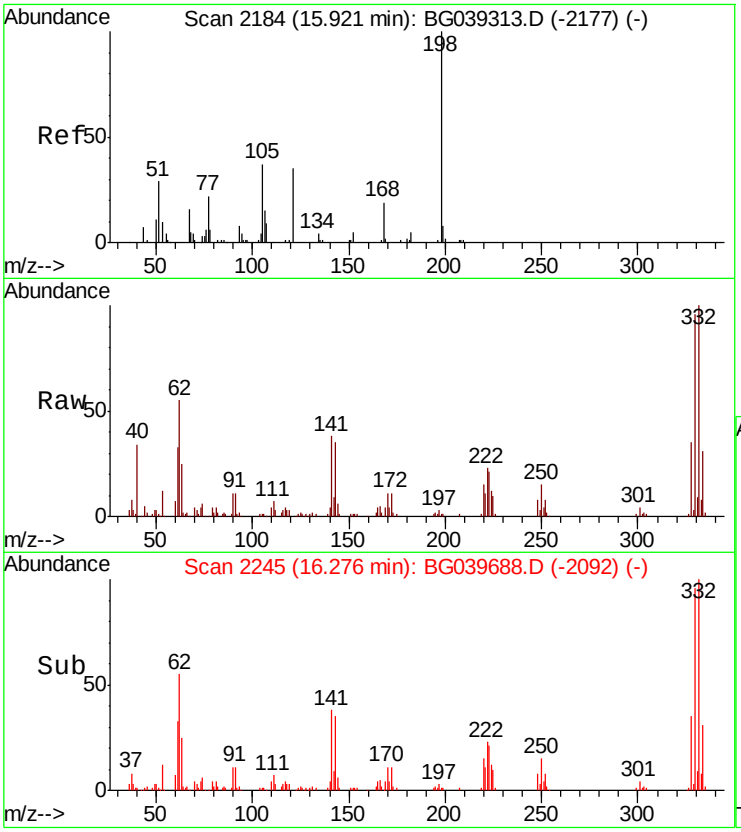


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion:188 Resp: 370408

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.3	8.1	12.1



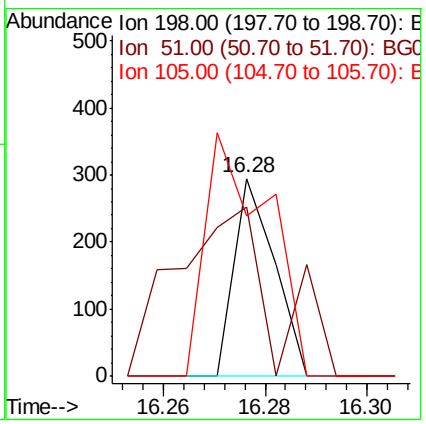


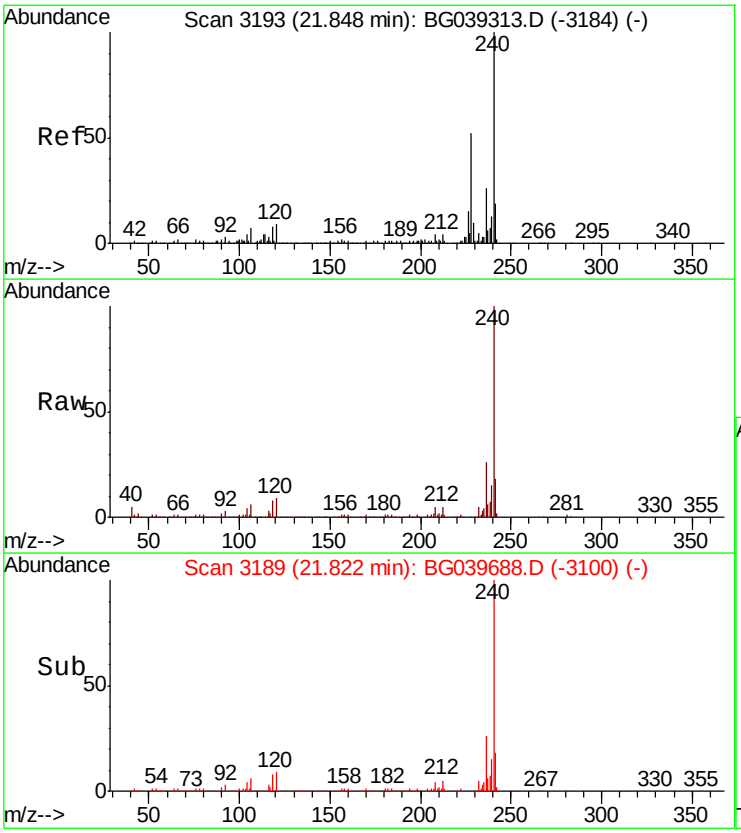
#65
4,6-Dinitro-2-methylphenol
Concen: 4.312 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.37 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 163

Ion	Ratio	Lower	Upper
198	100		
51	85.4	27.4	67.4#
105	81.0	19.7	59.7#

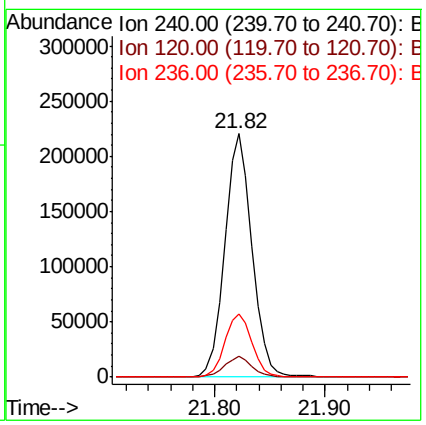


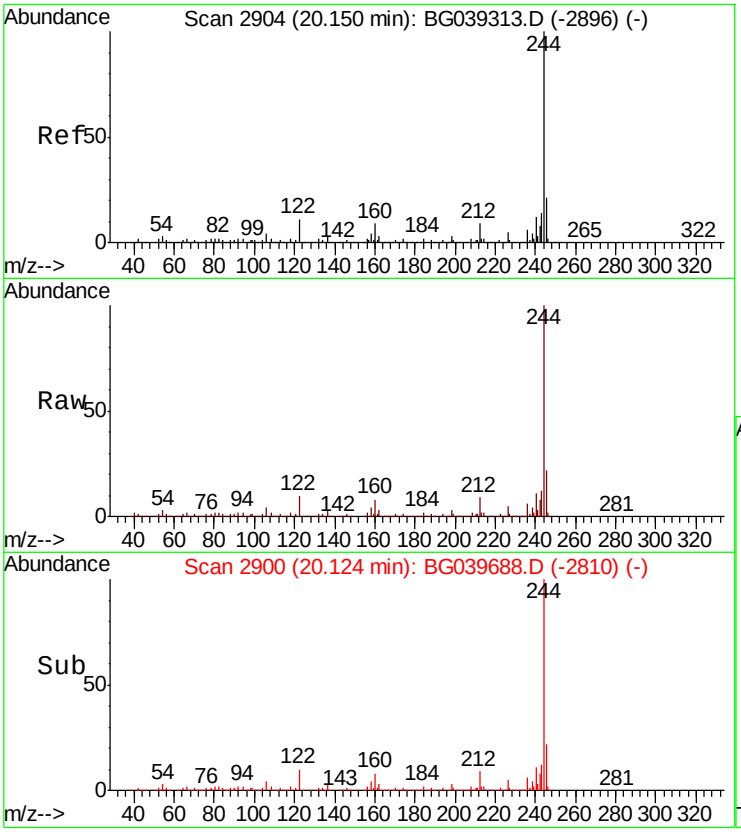


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion:240 Resp: 379626

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.0	21.0	31.4



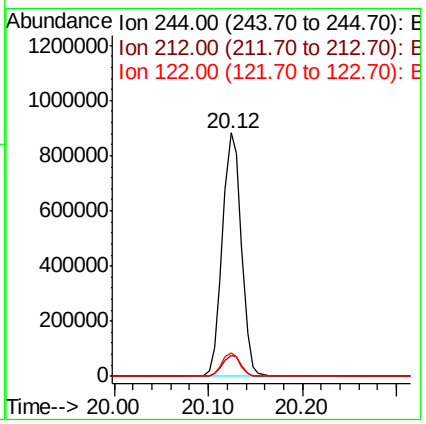


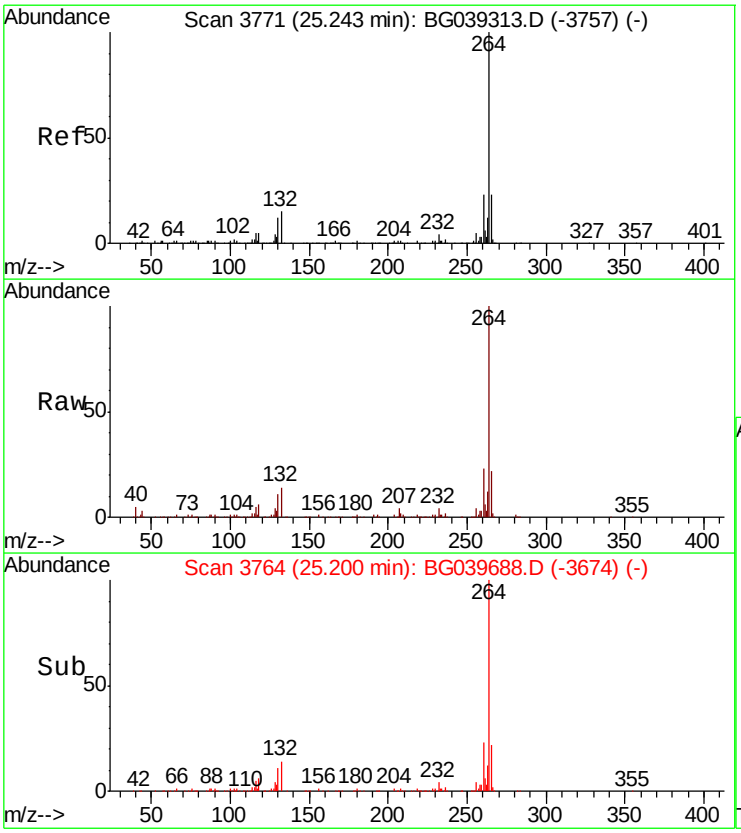
#79
Terphenyl-d14
Concen: 69.315 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1243150

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039688.D
Acq: 1 Mar 2019 10:46

Tgt Ion:264 Resp: 360799

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.5	18.5	27.7