Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039173.D
Acq On : 17 Jan 2019 1:35
Operator : JU/SJ
Sample : K1135-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-5

Quant Time: Jan 17 04:06:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20890	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	109694	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	71454	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	180302	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	179660	20.00	ng	-0.03
87) Perylene-d12	24.94	264	187308	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	67920	61.68	ng	-0.01
7) Phenol-d6	7.17	99	64775	40.87	ng	-0.02
23) Nitrobenzene-d5	9.19	82	151478	75.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	145844	121.76	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	466195	89.29	ng	-0.01
79) Terphenyl-d14	20.01	244	744248	76.63	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	19693	18.923	ng	# 73
32) Benzoic acid	10.18	122	2522	11.584	ng	# 71
51) 2,6-Dinitrotoluene	14.66	165	9094	6.736	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	9094	4.695	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9591	4.138	ng	# 1
77) Benzidine	20.01	184	12207	2.221	ng	# 95

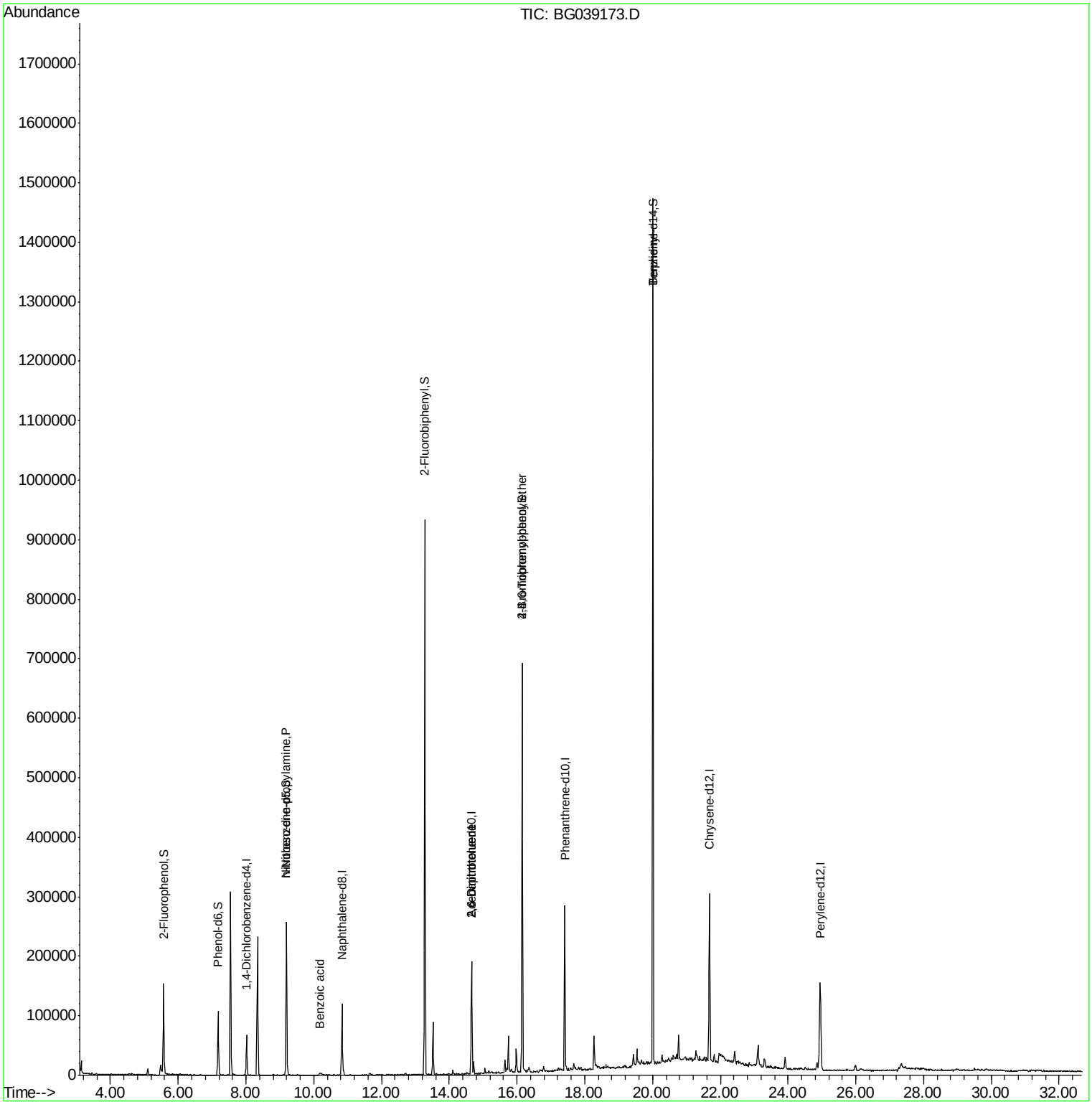
(#) = qualifier out of range (m) = manual integration (+) = signals summed

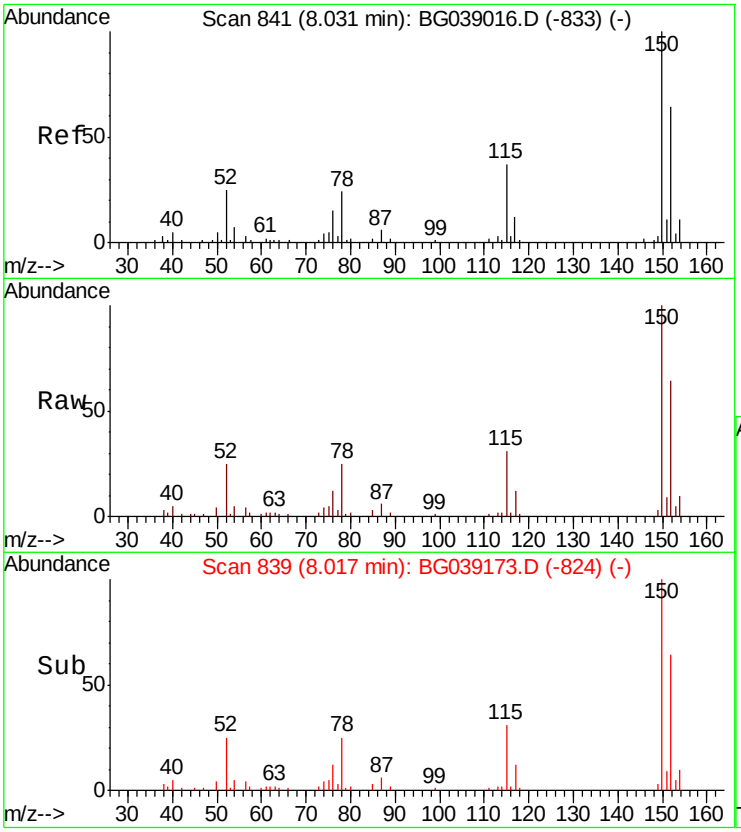
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039173.D
Acq On : 17 Jan 2019 1:35
Operator : JU/SJ
Sample : K1135-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Quant Time: Jan 17 04:06:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



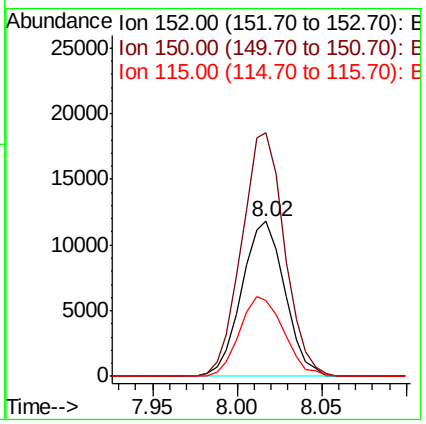


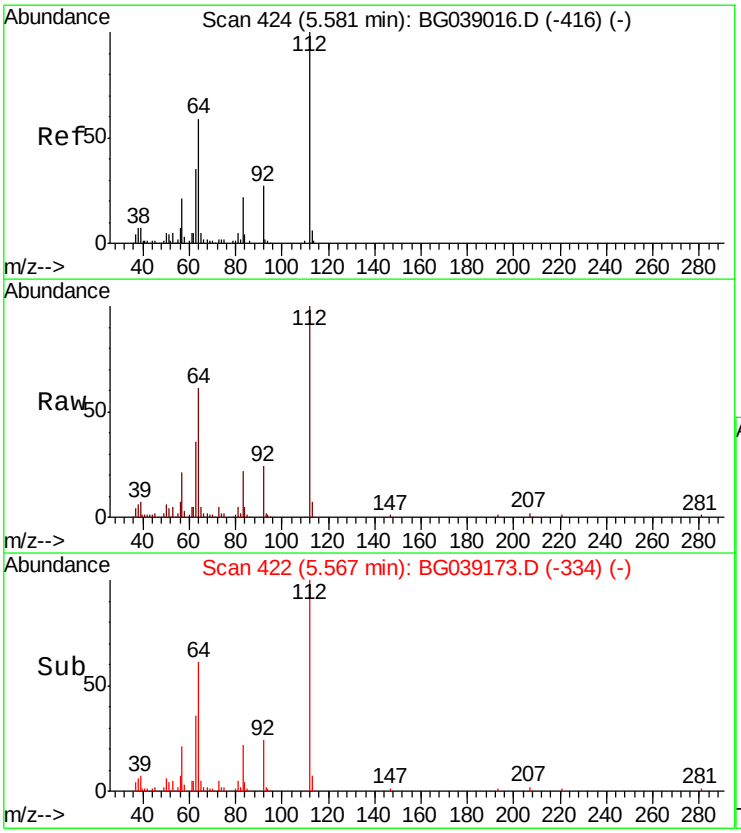
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:152 Resp: 20890

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	49.2	46.5	69.7

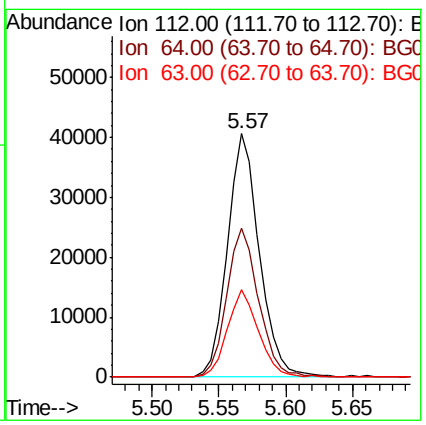


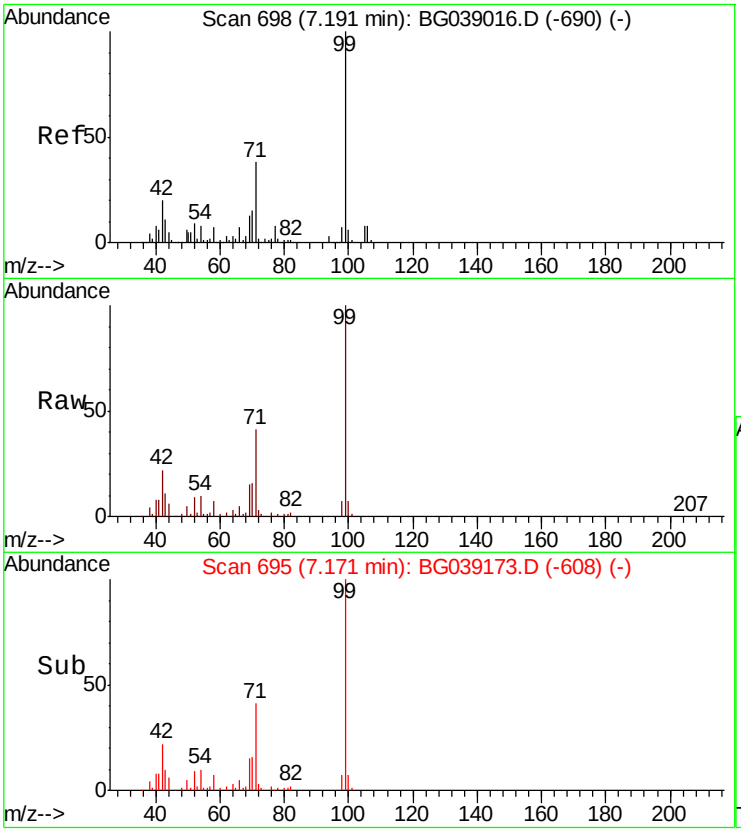


#5
2-Fluorophenol
Concen: 61.677 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:112 Resp: 67920

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.0	70.6
63	35.7	28.0	42.0



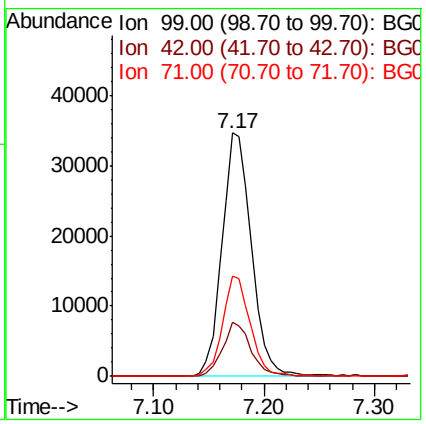


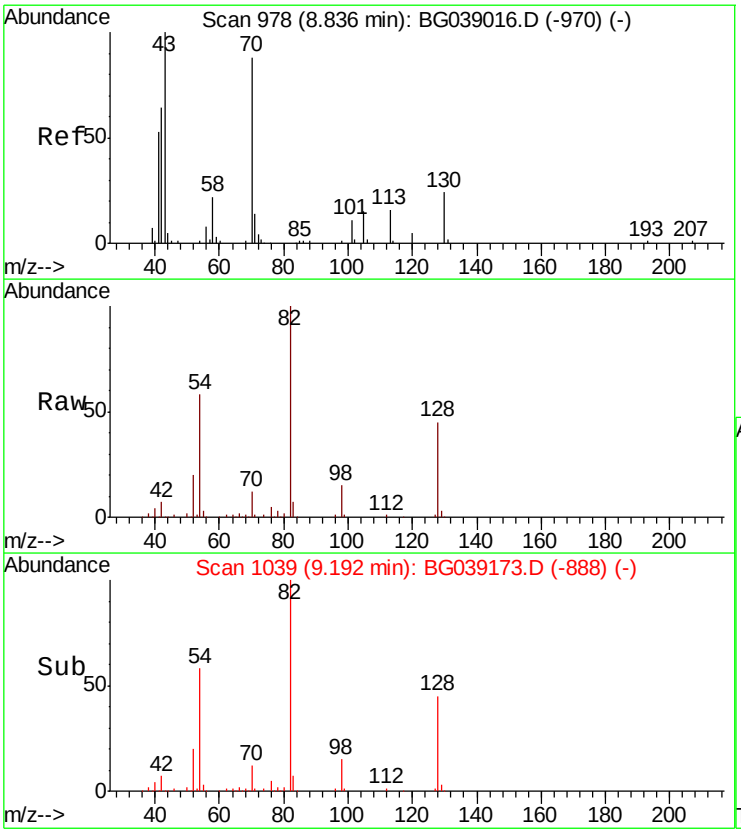
#7
Phenol-d6
Concen: 40.873 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion: 99 Resp: 64775

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.8	23.6
71	41.1	30.2	45.4

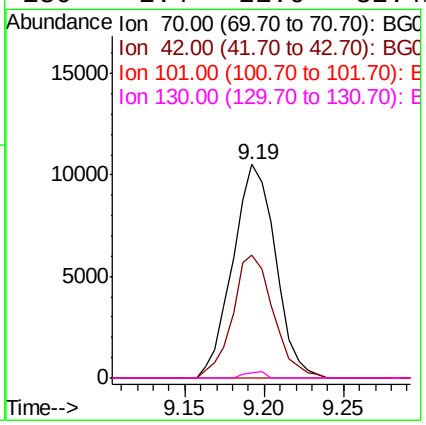


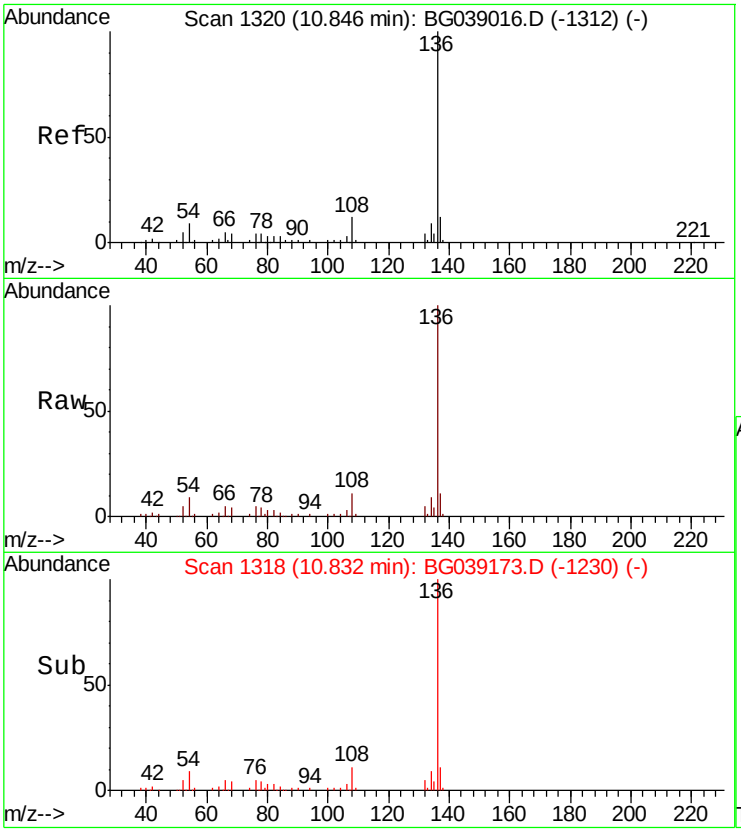


#19
n-Nitroso-di-n-propylamine
Concen: 18.923 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.36 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion: 70 Resp: 19693

Ion	Ratio	Lower	Upper
70	100		
42	57.5	59.0	88.4#
101	0.0	10.4	15.6#
130	2.4	21.6	32.4#



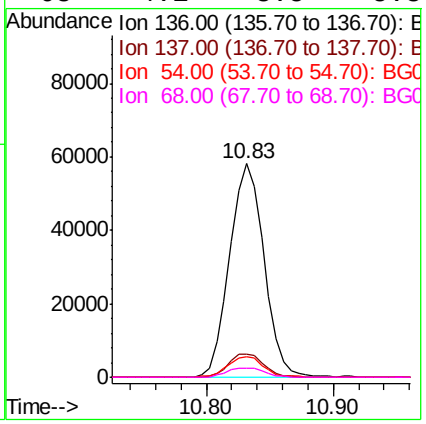


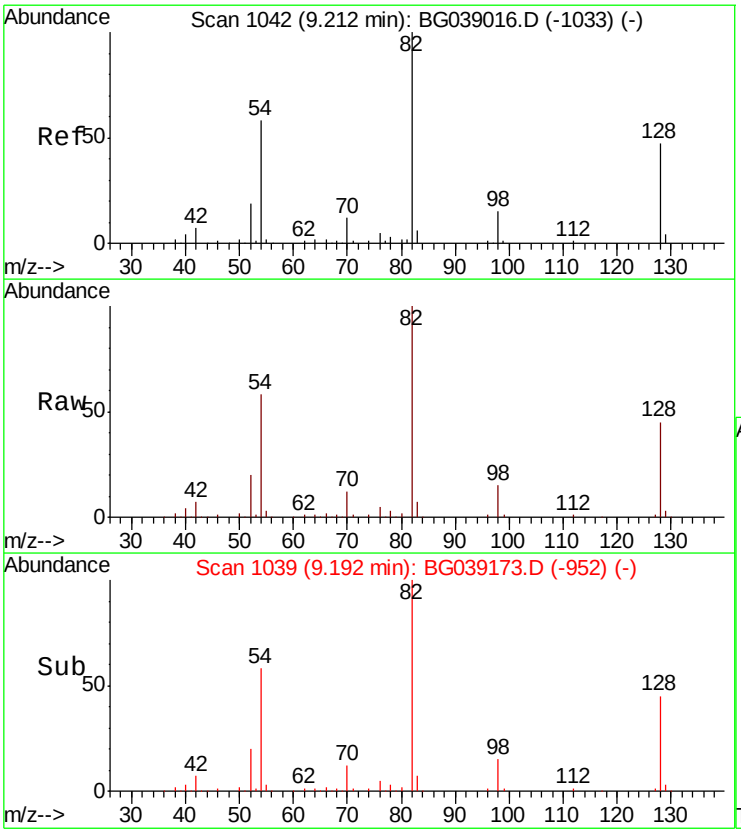
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:136 Resp: 109694

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	9.5	7.2	10.8
68	4.1	3.5	5.3

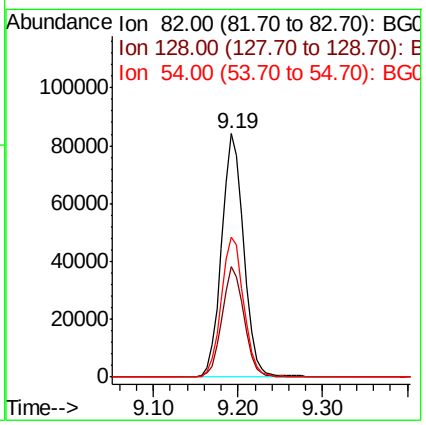


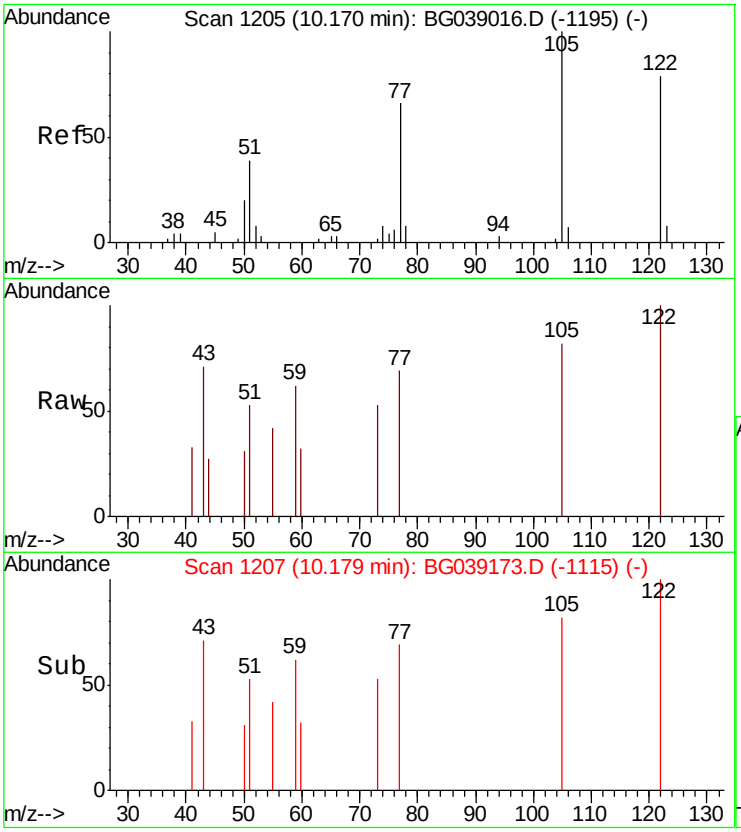


#23
Nitrobenzene-d5
Concen: 75.563 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion: 82 Resp: 151478

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.3	55.9
54	57.6	46.4	69.6



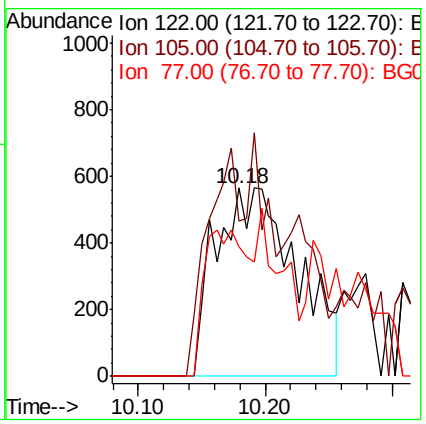


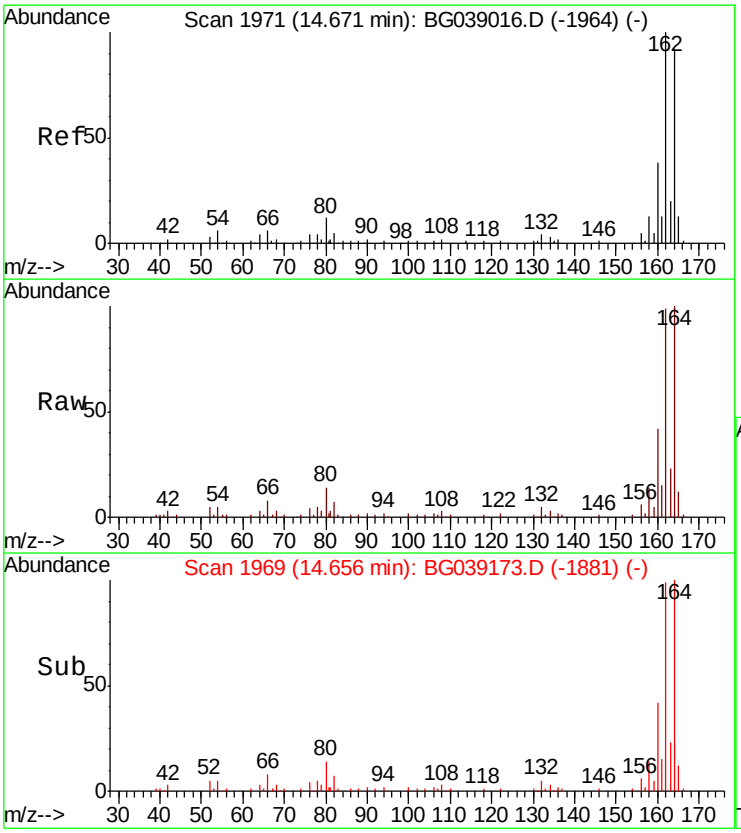
#32
Benzoic acid
Concen: 11.584 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:122 Resp: 2522

Ion	Ratio	Lower	Upper
122	100		
105	82.5	106.4	146.4#
77	69.2	63.6	103.6

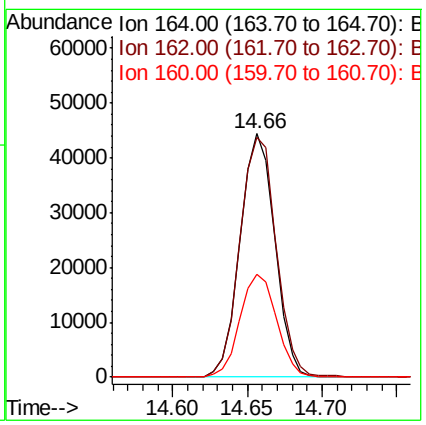


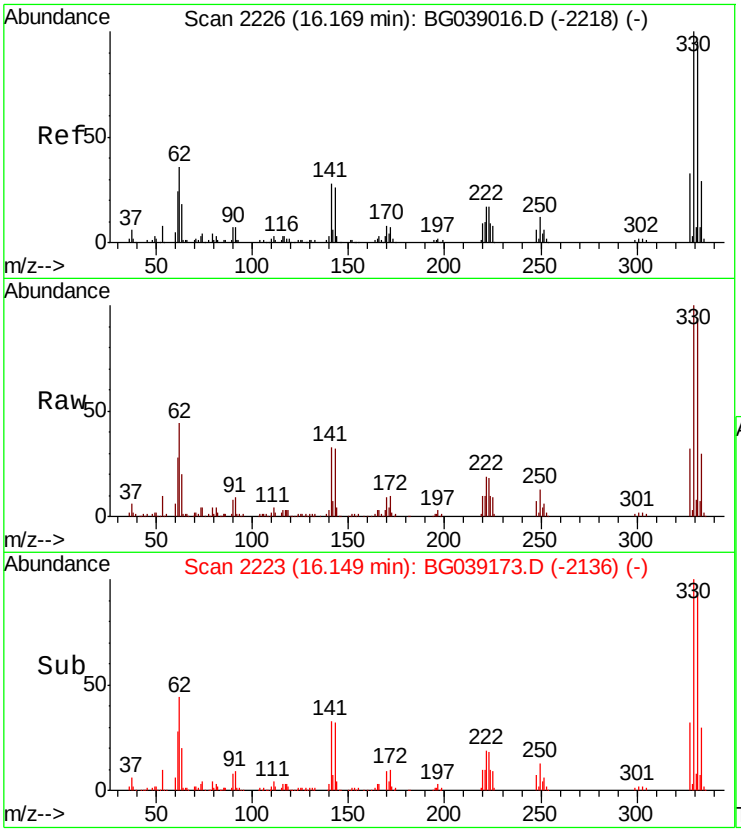


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:164 Resp: 71454

Ion	Ratio	Lower	Upper
164	100		
162	98.7	87.2	130.8
160	42.0	33.3	49.9



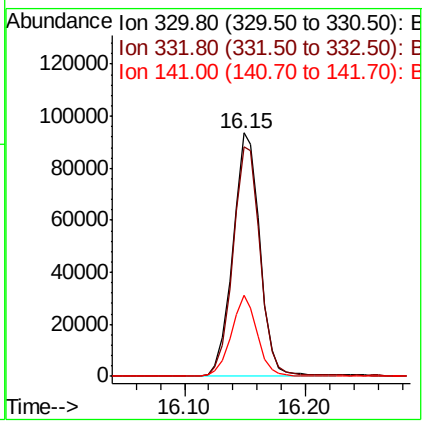


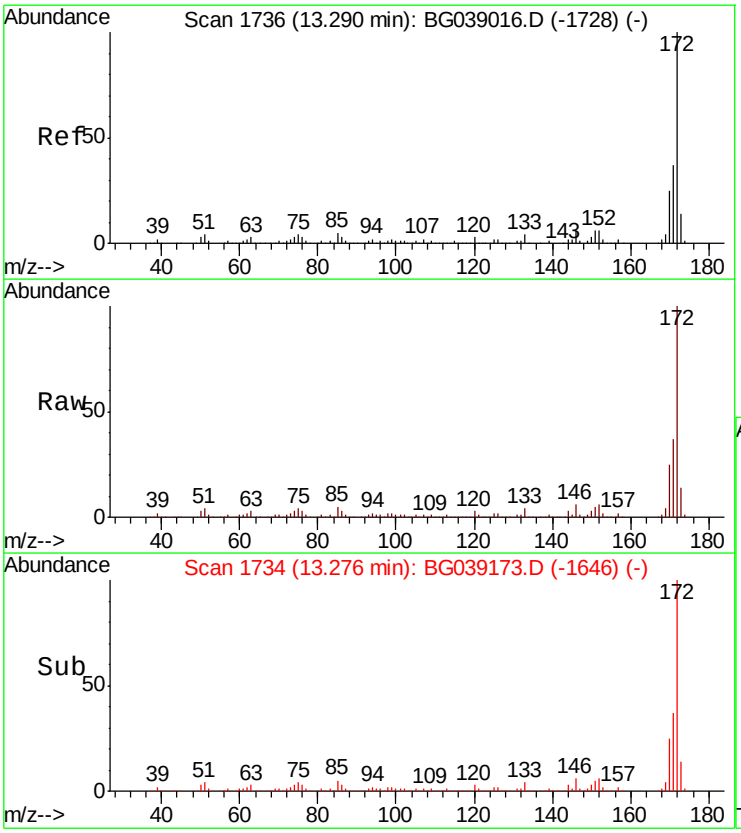
#42
2,4,6-Tribromophenol
Concen: 121.763 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:330 Resp: 145844

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	31.9	24.9	37.3

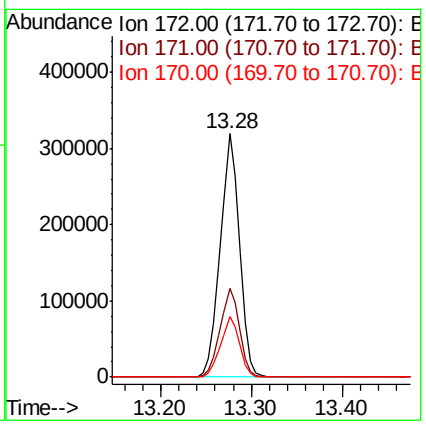


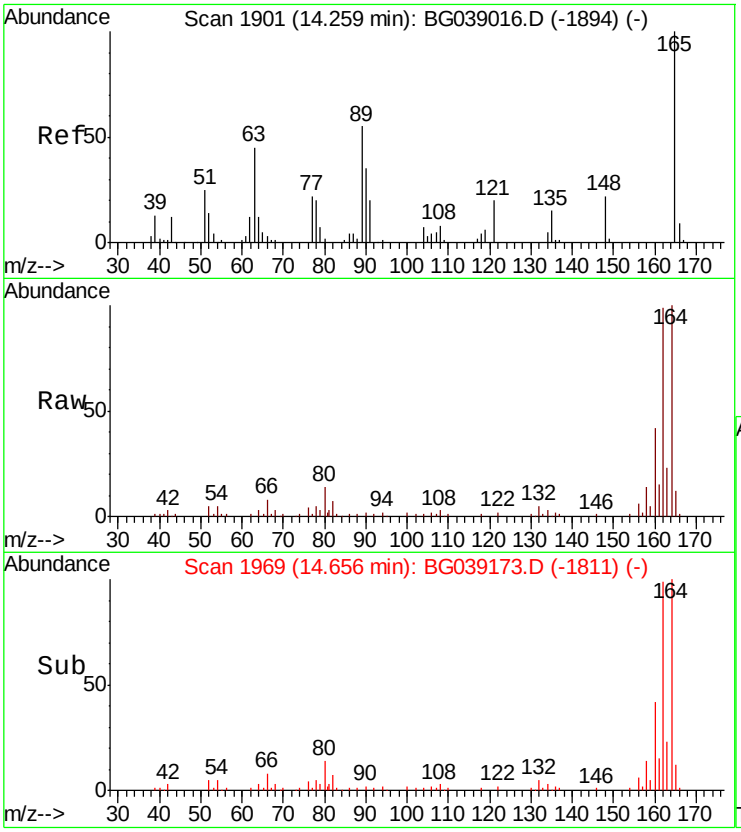


#45
2-Fluorobiphenyl
Concen: 89.291 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:172 Resp: 466195

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.1	30.1



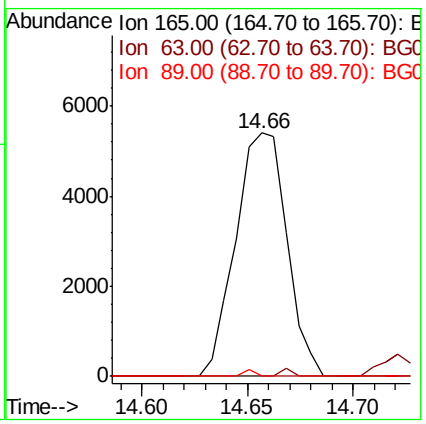


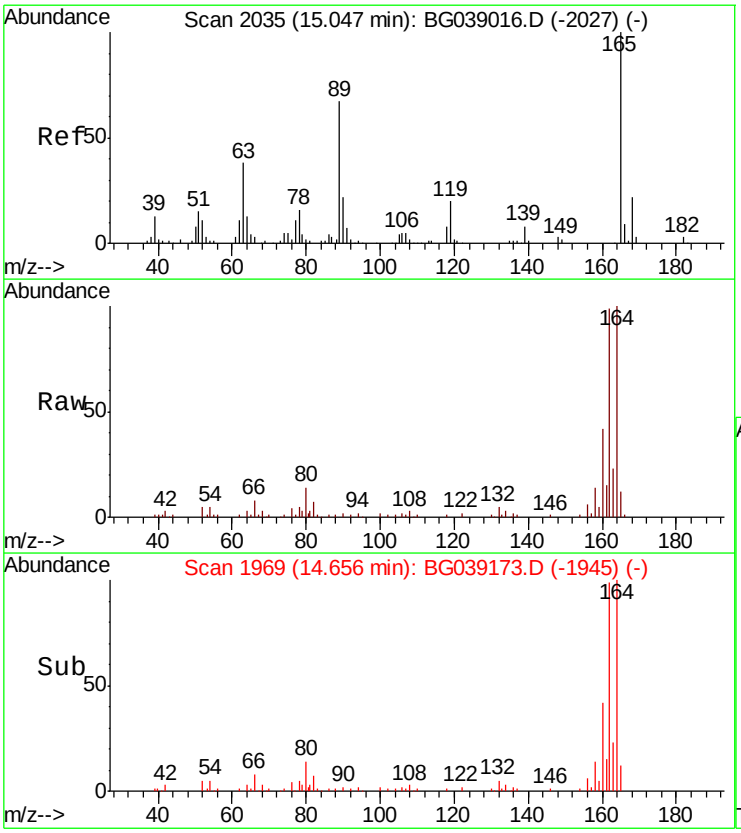
#51
2,6-Dinitrotoluene
Concen: 6.736 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.40 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:165 Resp: 9094

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

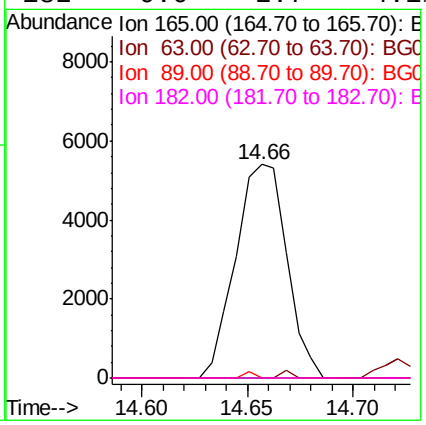


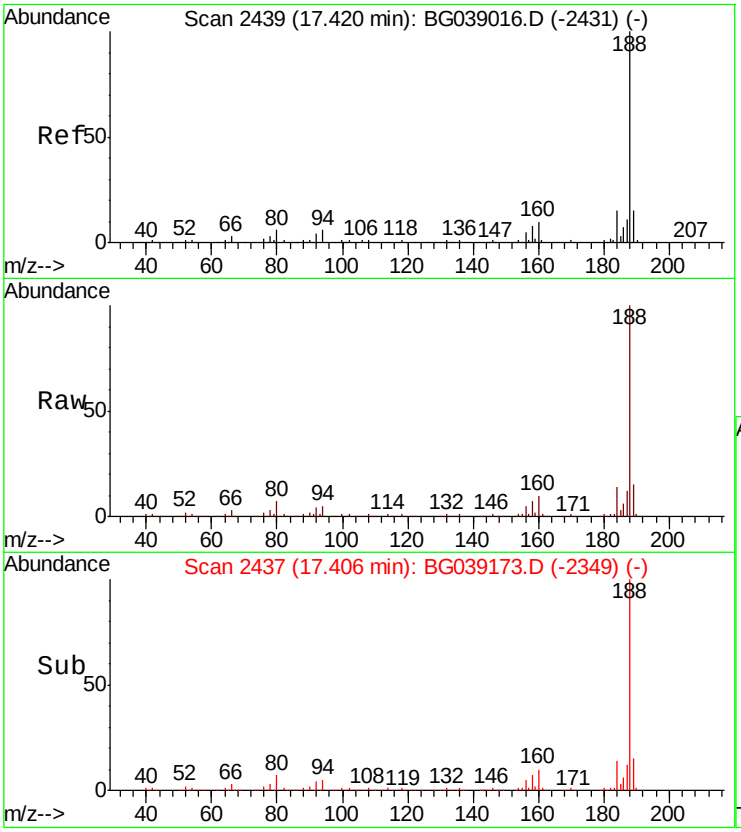


#57
2,4-Dinitrotoluene
Concen: 4.695 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.39 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:165 Resp: 9094

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



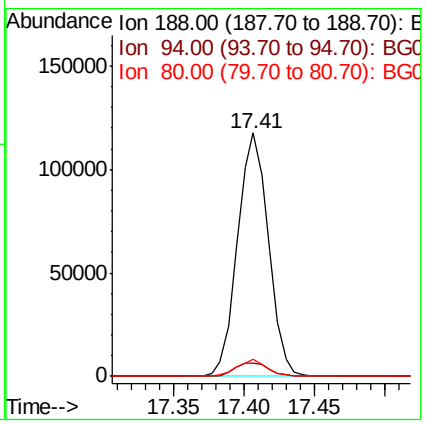


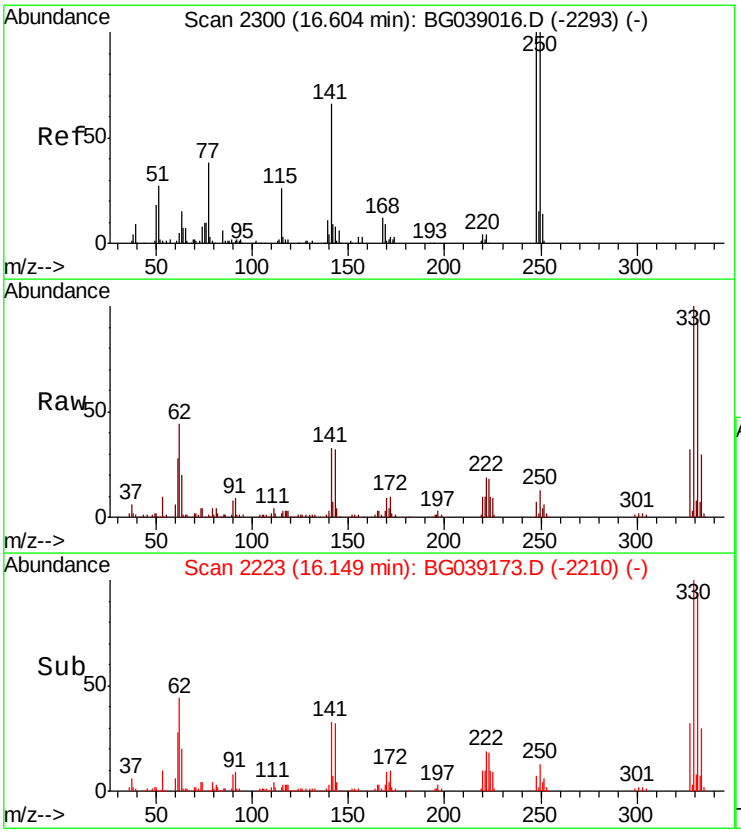
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:188 Resp: 180302

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.0	7.4
80	6.9	4.7	7.1

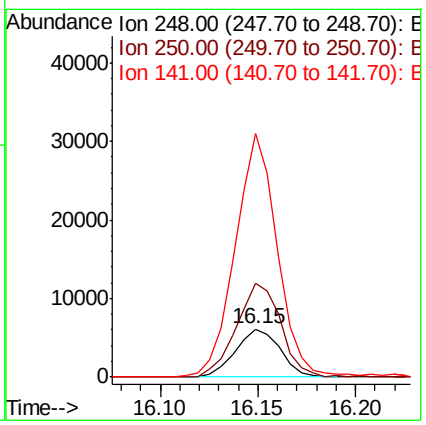


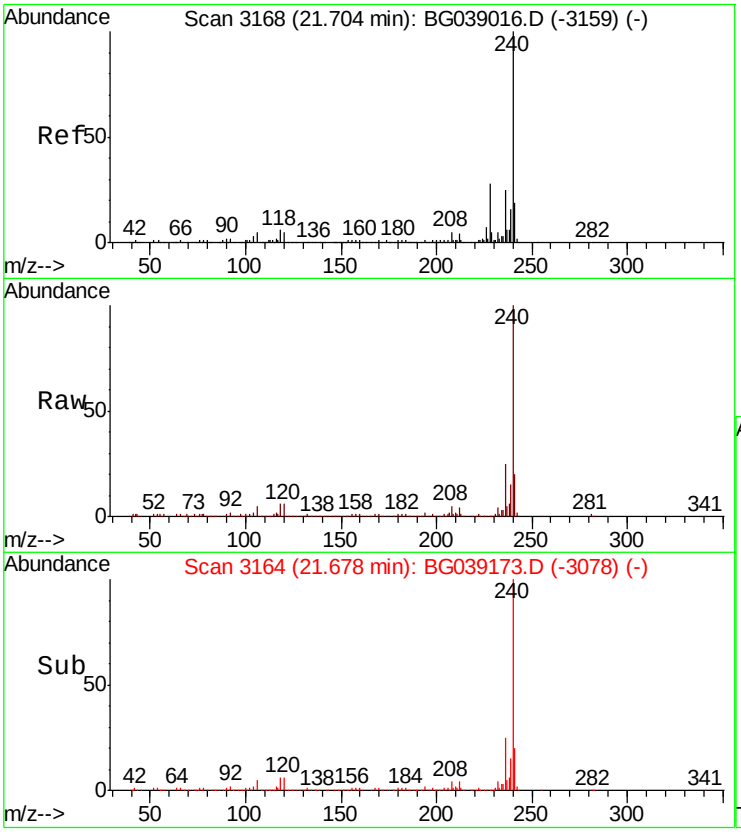


#67
4-Bromophenyl-phenylether
Concen: 4.138 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:248 Resp: 9591

Ion	Ratio	Lower	Upper
248	100		
250	198.2	79.9	119.9#
141	389.8	52.7	79.1#



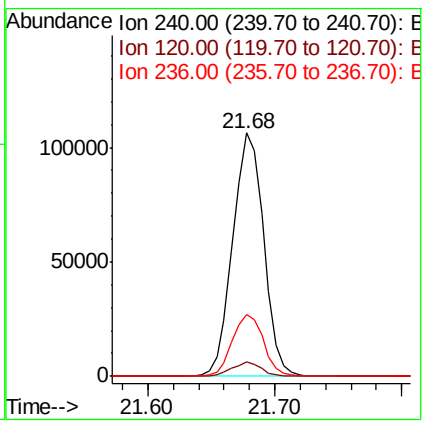


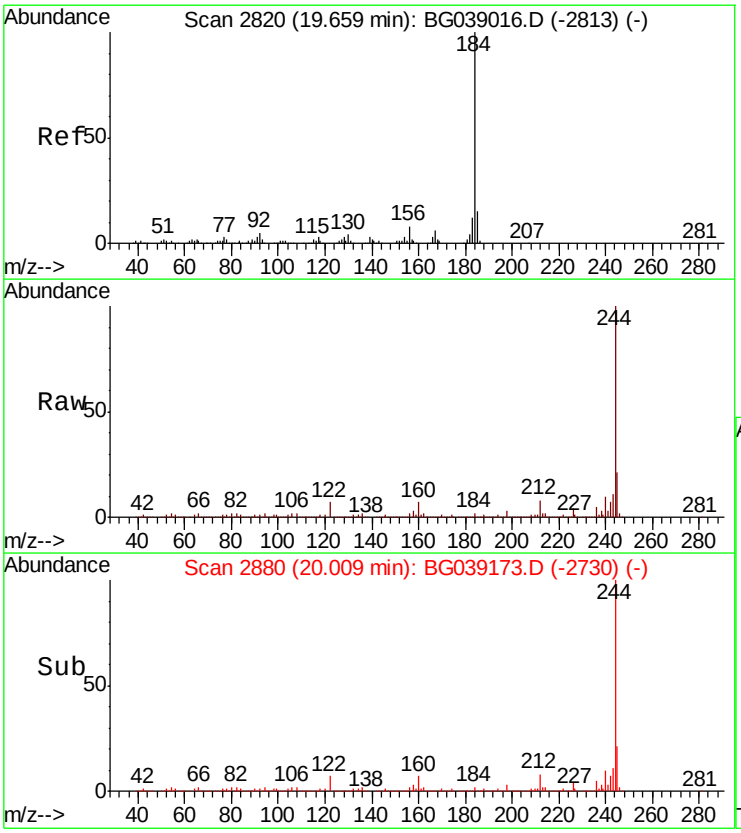
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:240 Resp: 179660

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.3	6.5
236	25.5	20.1	30.1

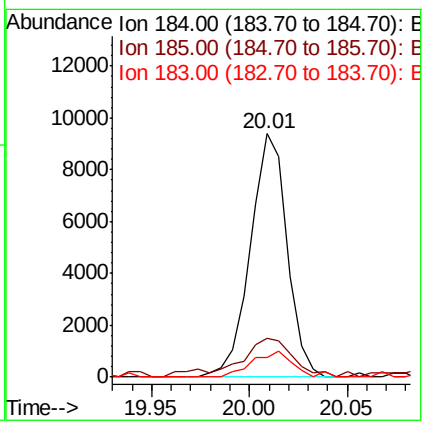


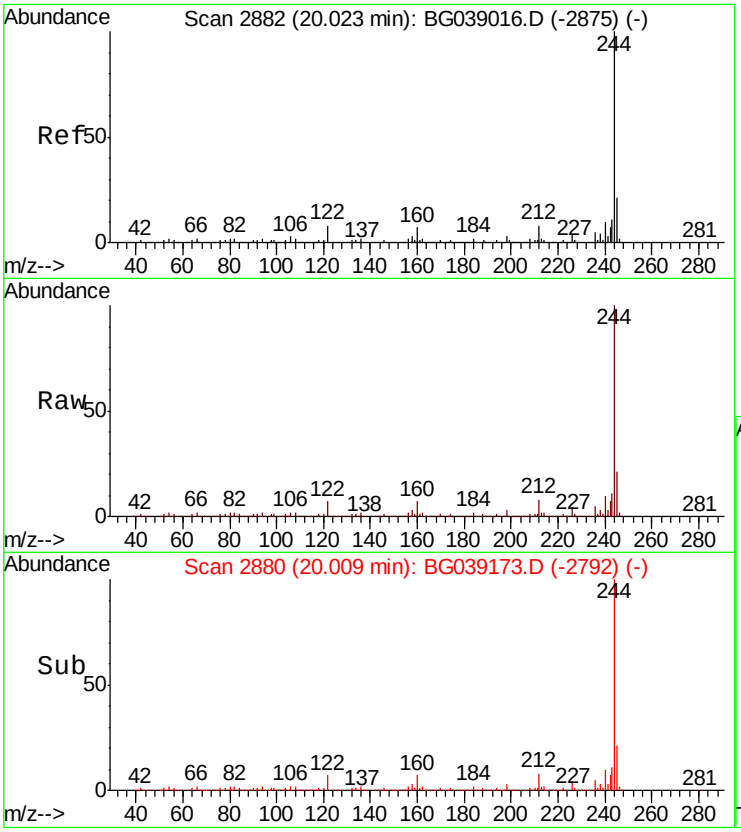


#77
Benzidine
Concen: 2.221 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.35 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:184 Resp: 12207

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.1	18.1
183	8.3	9.5	14.3#



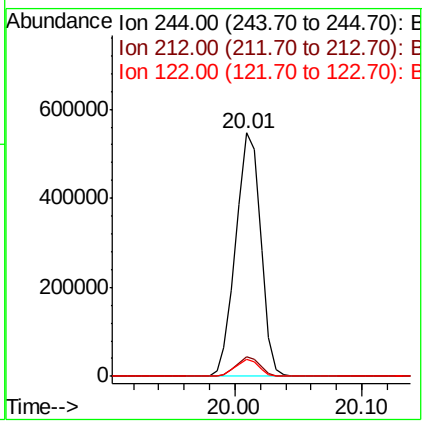


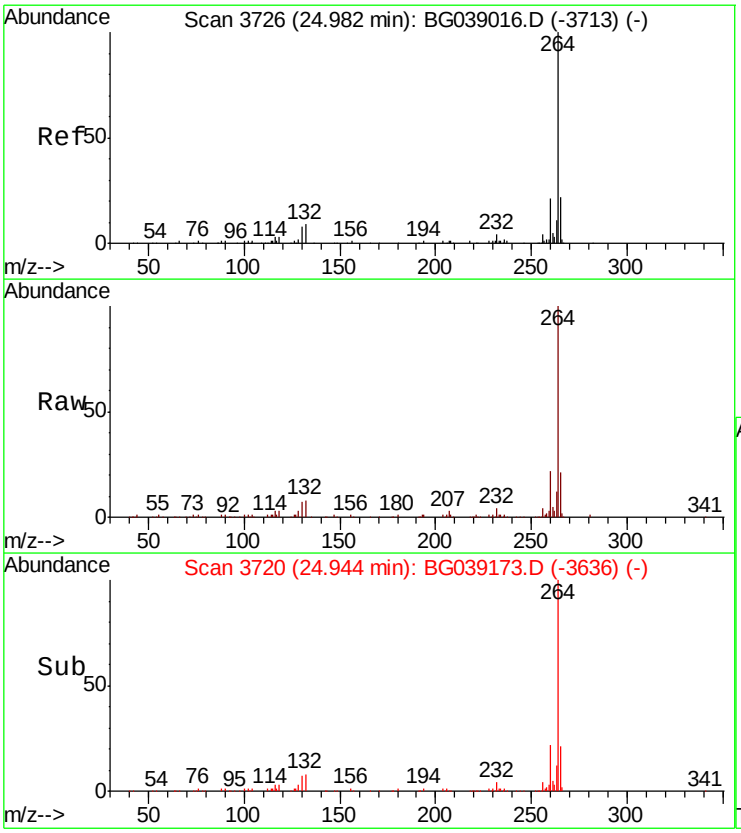
#79
Terphenyl-d14
Concen: 76.632 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampleId :
CPGP-5

Tgt Ion:244 Resp: 744248

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	7.1	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.04 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:264 Resp: 187308

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.0	25.6
265	20.9	17.2	25.8