Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
Data File : BG039526.D
Acq On : 15 Feb 2019 18:06
Operator : JU/SJ
Sample : K1346-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-021419-A

Quant Time: Feb 16 03:17:24 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	43750	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	196147	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	145120	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	365783	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	375104	20.00	ng	-0.02
87) Perylene-d12	25.22	264	367710	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	371193	145.21	ng	0.00
7) Phenol-d6	7.32	99	508452	135.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	341712	108.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	218216	139.64	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	877973	86.79	ng	-0.02
79) Terphenyl-d14	20.13	244	1484228	83.75	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1440	Below Cal	#	43
19) n-Nitroso-di-n-propylamine	9.35	70	46838	17.538	ng	# 70
32) Benzoic acid	10.35	122	63	9.049	ng	# 1
48) 2-Nitroaniline	13.42	65	1573	8.795	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	18707	13.932	ng	# 23
56) 4-Nitrophenol	15.19	139	255	5.905	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	18707	13.405	ng	# 18
65) 4,6-Dinitro-2-methylphenol	15.78	198	79	4.240	ng	# 32
67) 4-Bromophenyl-phenylether	16.28	248	17057	4.203	ng	# 1
77) Benzidine	20.13	184	26011	2.115	ng	# 93

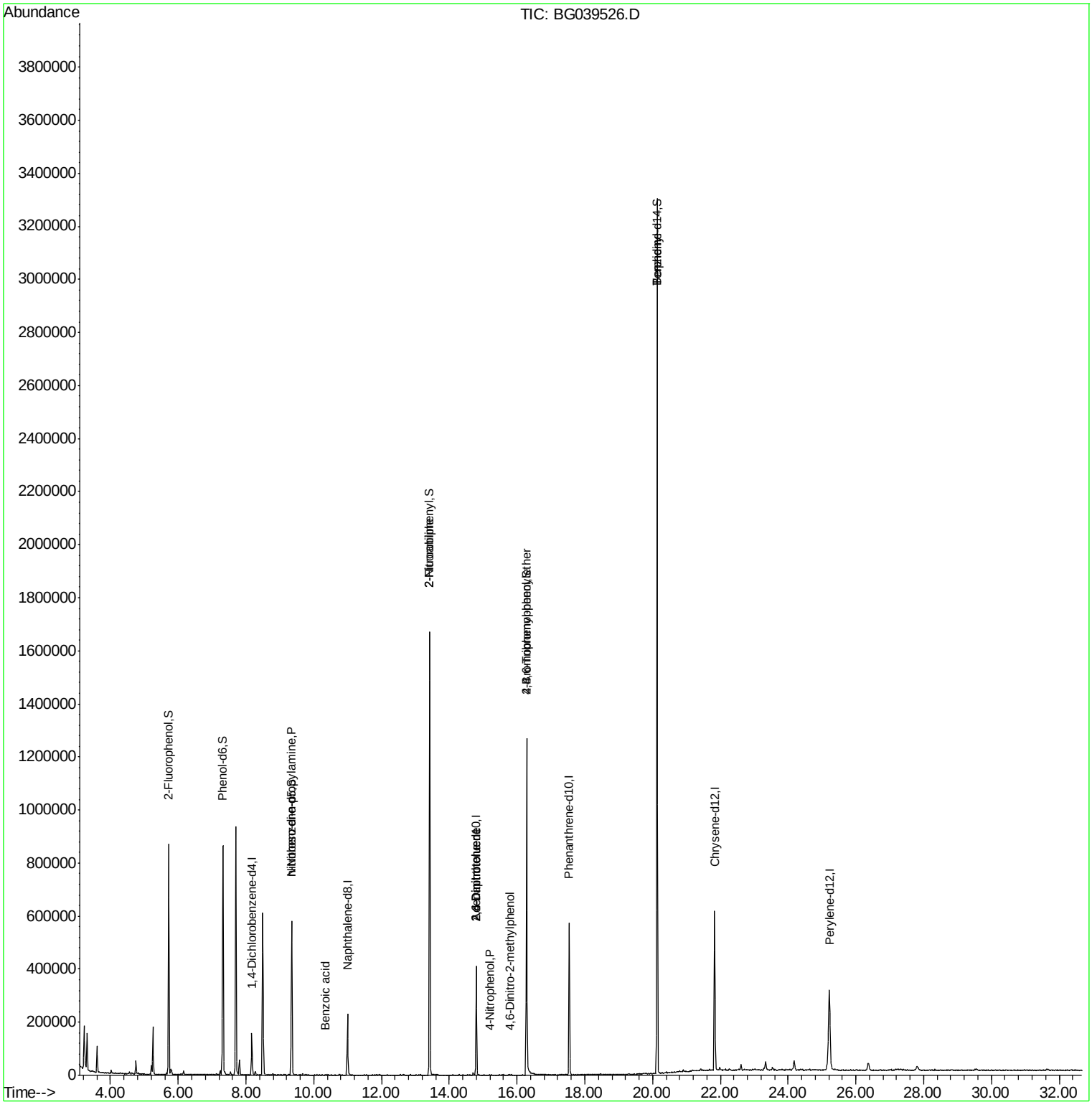
(#) = qualifier out of range (m) = manual integration (+) = signals summed

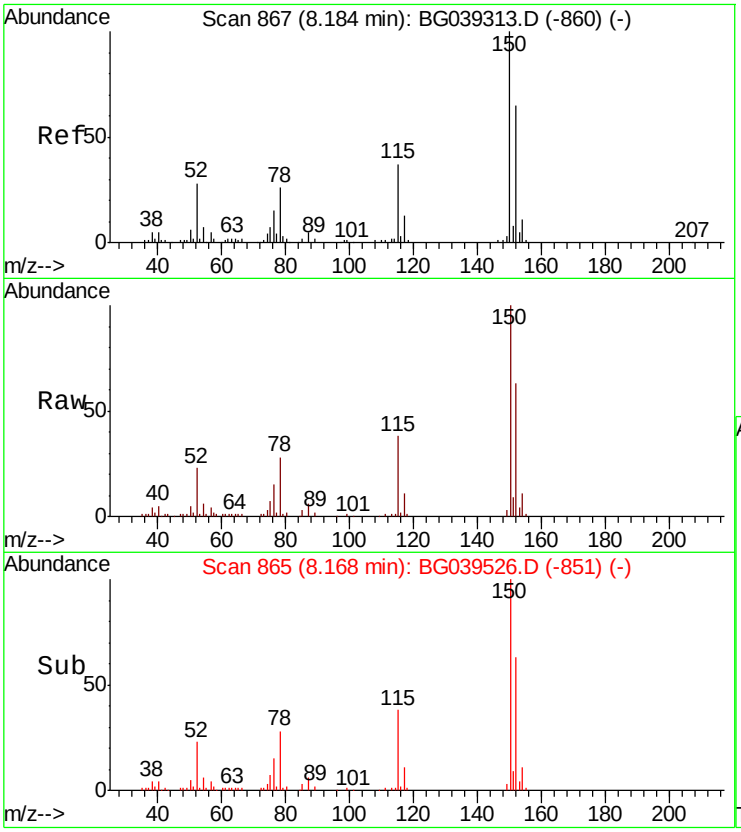
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
Data File : BG039526.D
Acq On : 15 Feb 2019 18:06
Operator : JU/SJ
Sample : K1346-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Quant Time: Feb 16 03:17:24 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



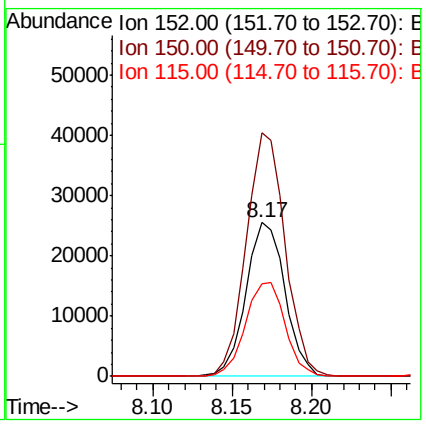


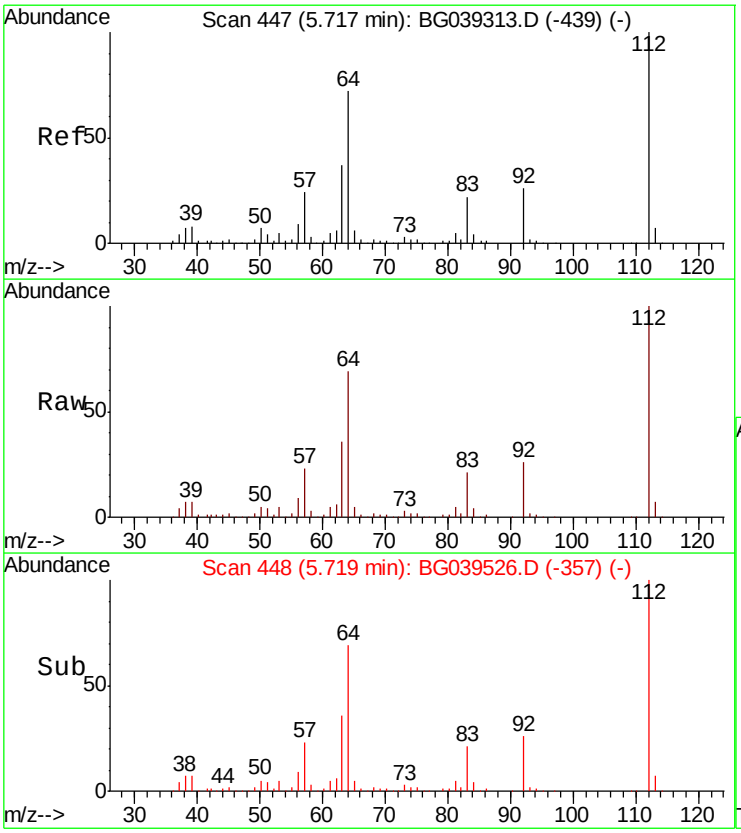
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:152 Resp: 43750

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.7	185.5
115	59.9	45.9	68.9

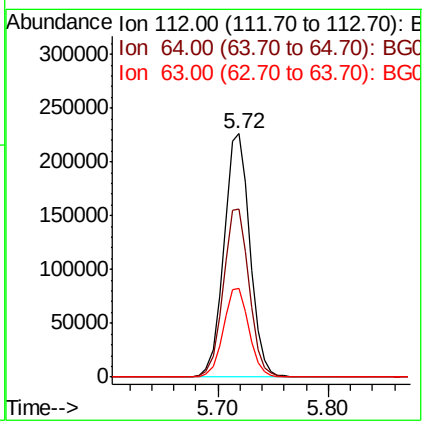


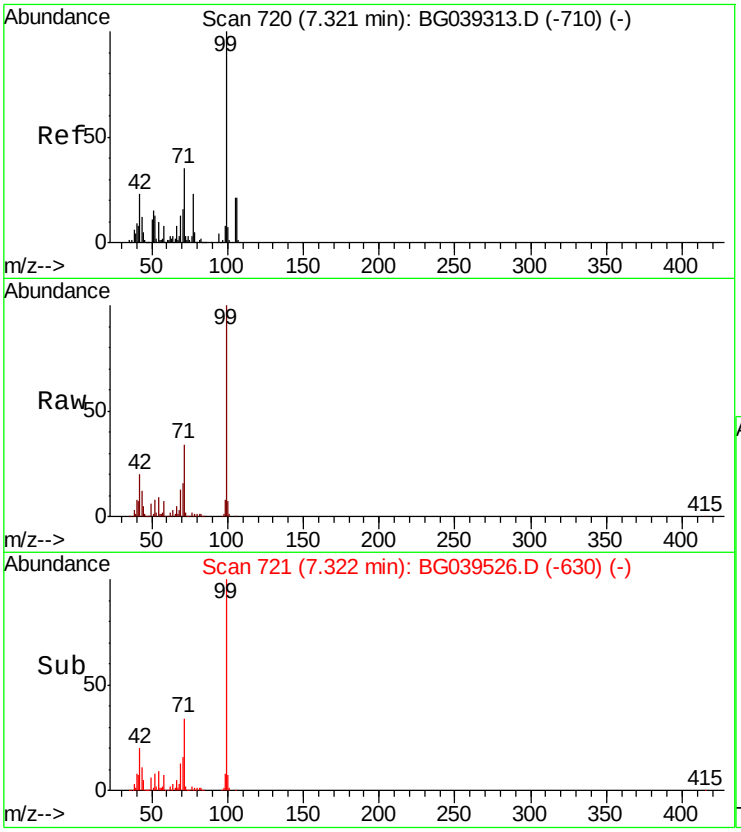


#5
2-Fluorophenol
Concen: 145.211 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:112 Resp: 371193

Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.8	86.8
63	36.3	29.8	44.6



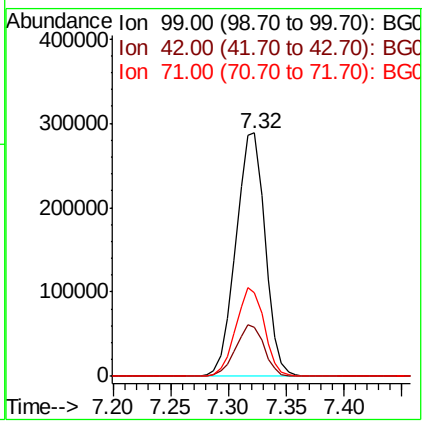


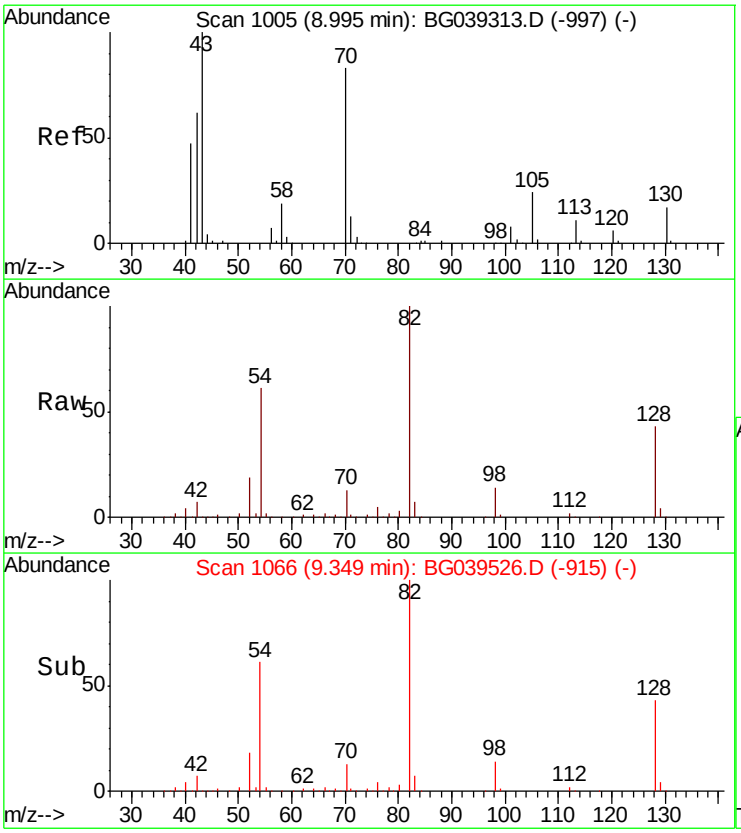
#7
Phenol-d6
Concen: 135.130 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion: 99 Resp: 508452

Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.2	27.2
71	34.4	28.0	42.0

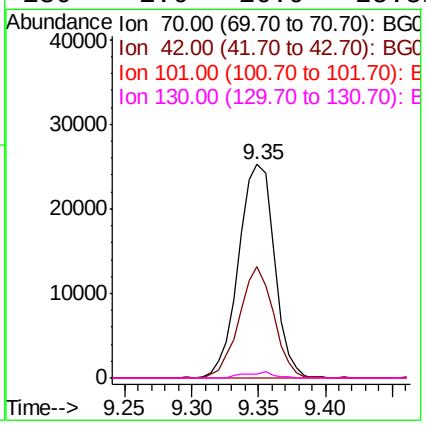


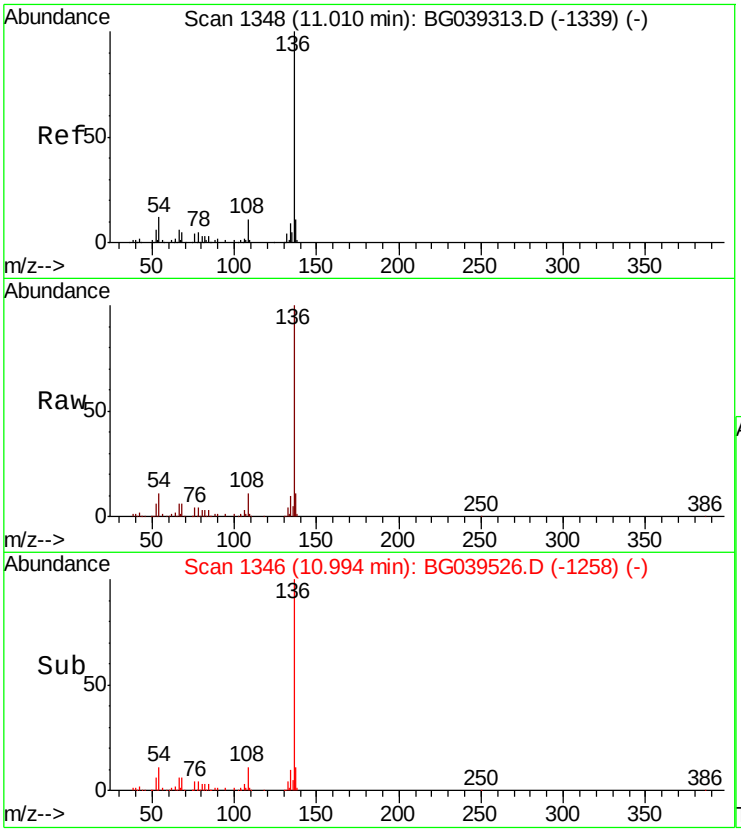


#19
n-Nitroso-di-n-propylamine
Concen: 17.538 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion: 70 Resp: 46838

Ion	Ratio	Lower	Upper
70	100		
42	52.1	60.4	90.6#
101	0.0	7.5	11.3#
130	1.6	16.9	25.3#



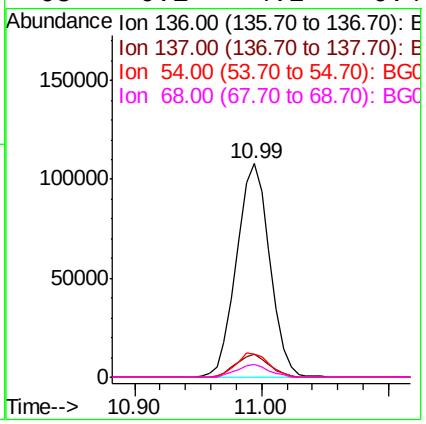


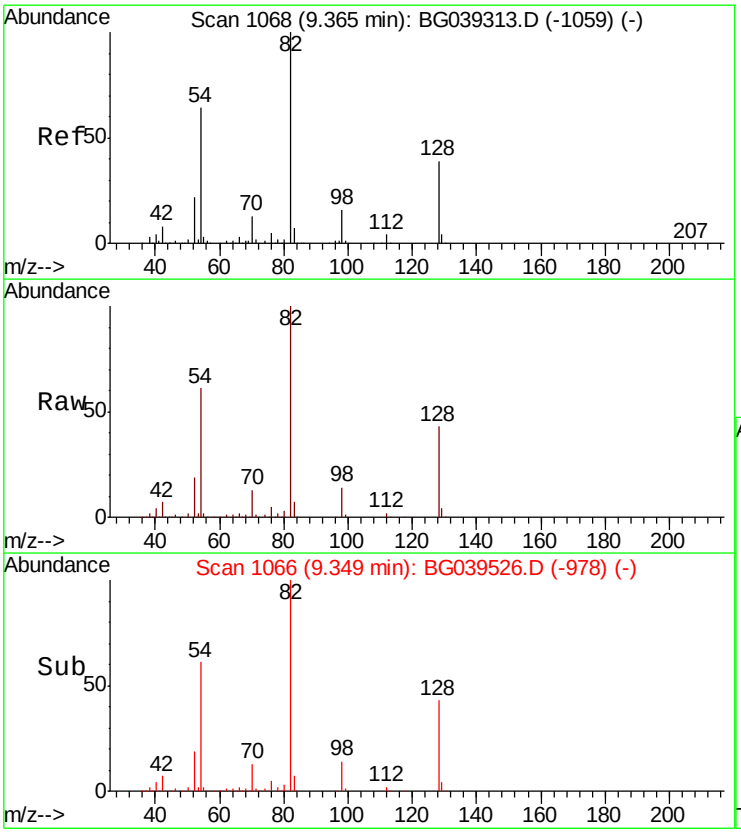
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:136 Resp: 196147

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.9	9.4	14.2
68	6.1	4.2	6.4

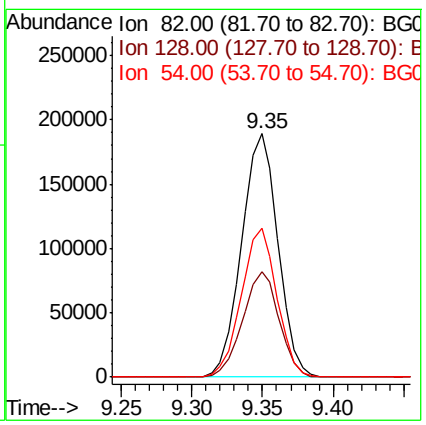


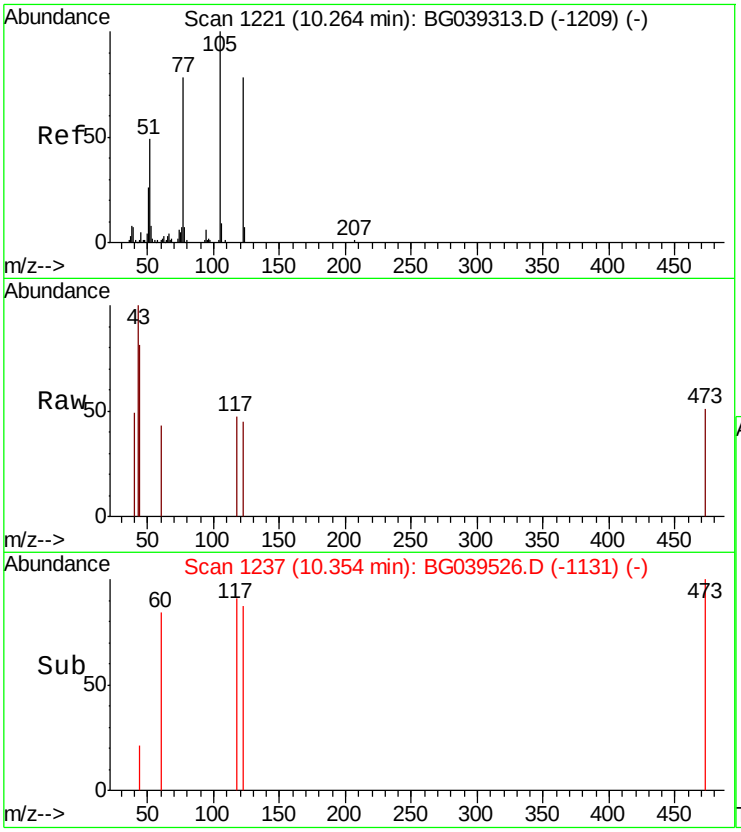


#23
Nitrobenzene-d5
Concen: 108.833 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion: 82 Resp: 341712

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	61.0	50.9	76.3



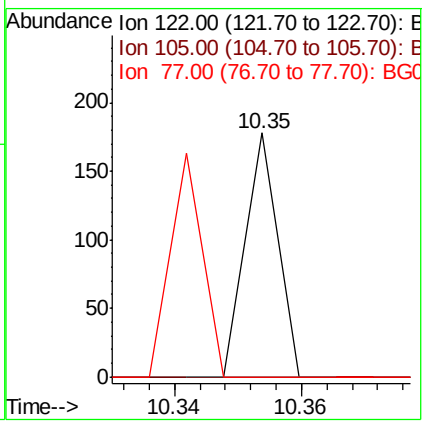


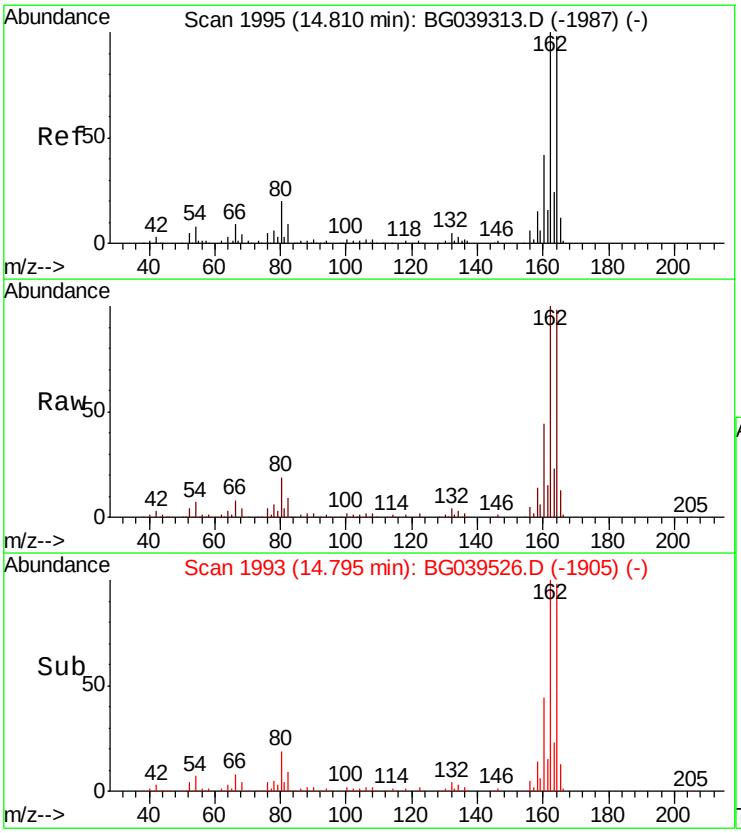
#32
Benzoic acid
Concen: 9.049 ng
RT: 10.35 min Scan# 1237
Delta R.T. 0.09 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

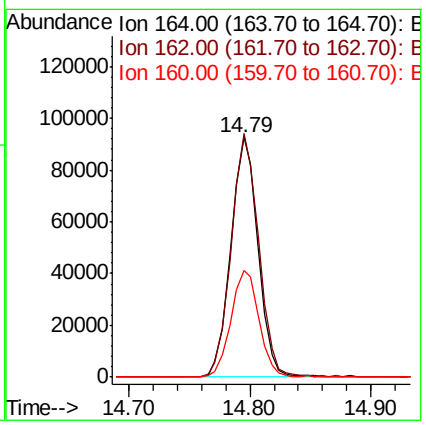


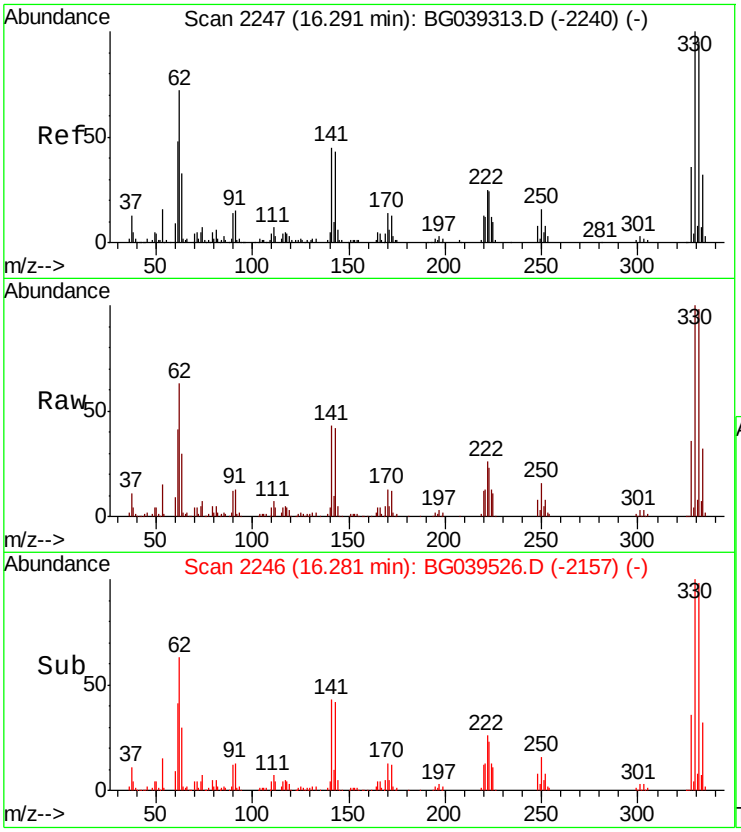


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:164 Resp: 145120

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.6	122.4
160	44.3	34.2	51.2



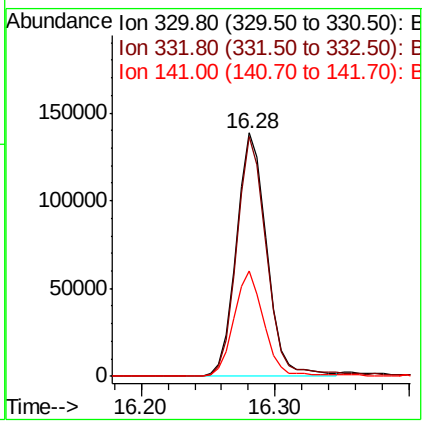


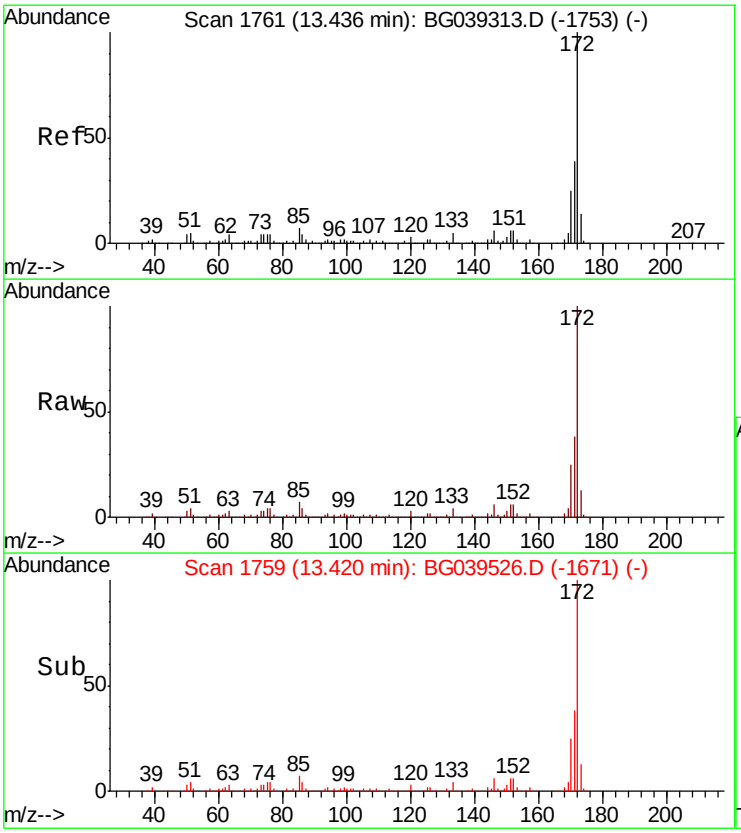
#42
2,4,6-Tribromophenol
Concen: 139.641 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:330 Resp: 218216

Ion	Ratio	Lower	Upper
330	100		
332	98.8	75.7	113.5
141	42.3	35.6	53.4

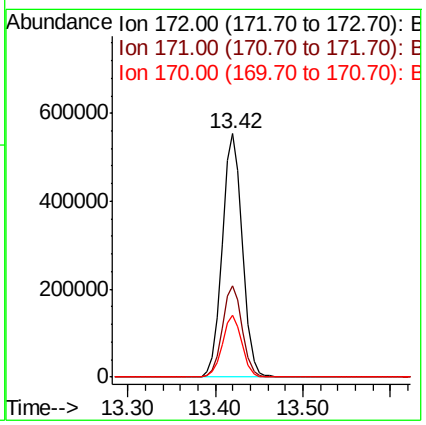


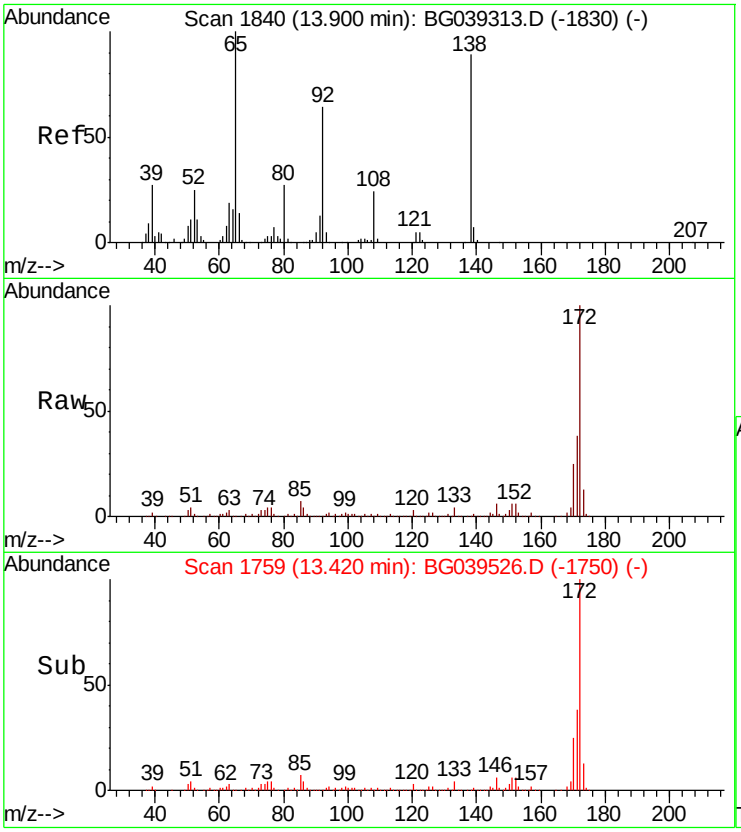


#45
2-Fluorobiphenyl
Concen: 86.790 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:172 Resp: 877973

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.3	20.2	30.4



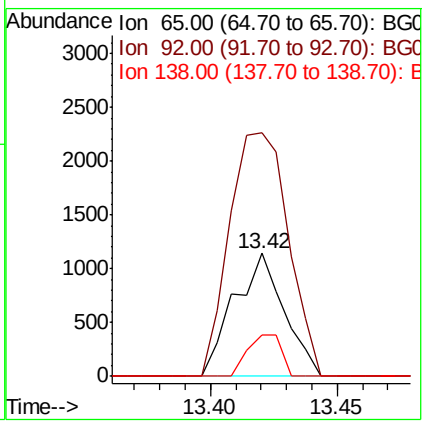


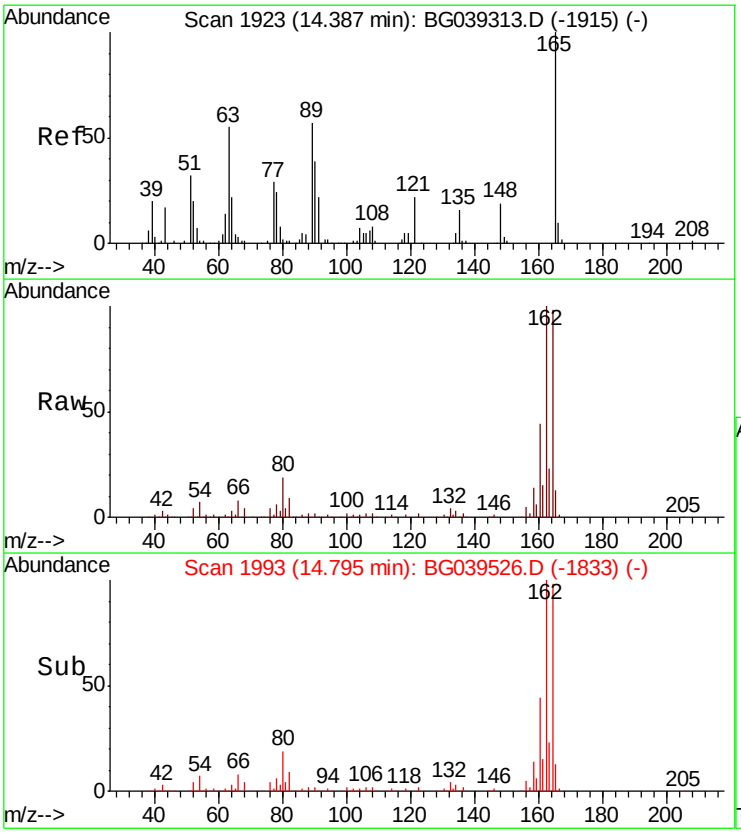
#48
2-Nitroaniline
Concen: 8.795 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion: 65 Resp: 1573

Ion	Ratio	Lower	Upper
65	100		
92	197.6	51.4	77.2#
138	33.8	71.4	107.2#

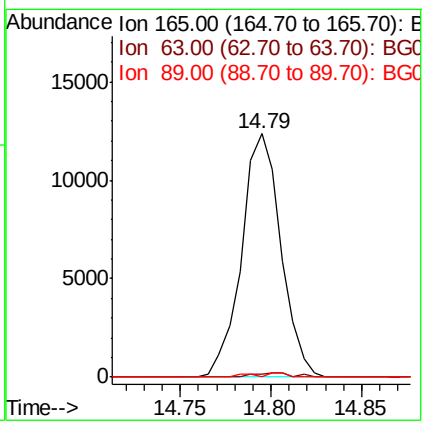


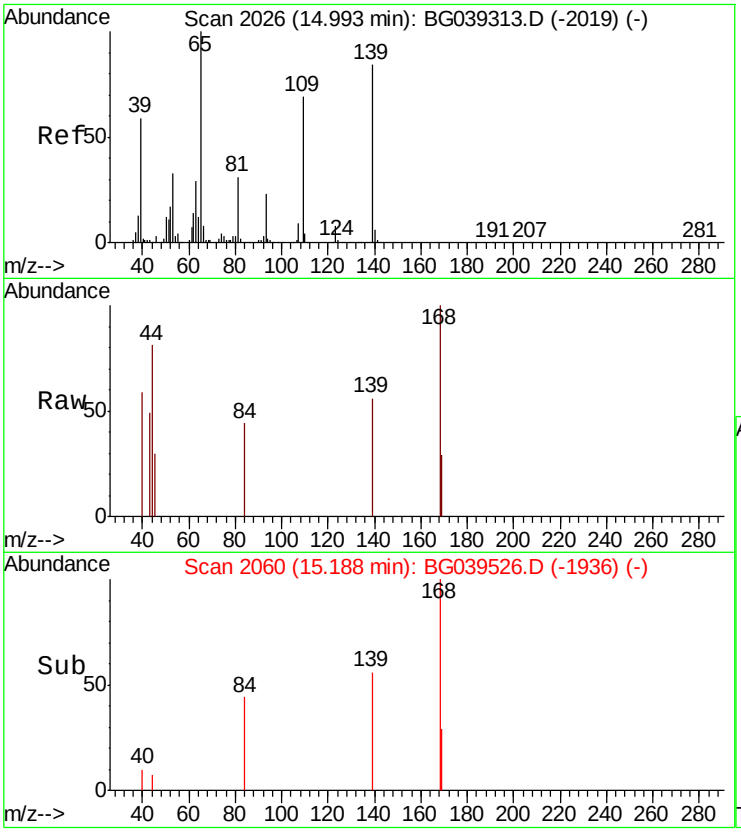


#51
2,6-Dinitrotoluene
Concen: 13.932 ng
RT: 14.79 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:165 Resp: 18707

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.0	70.6#
89	0.0	45.8	68.8#



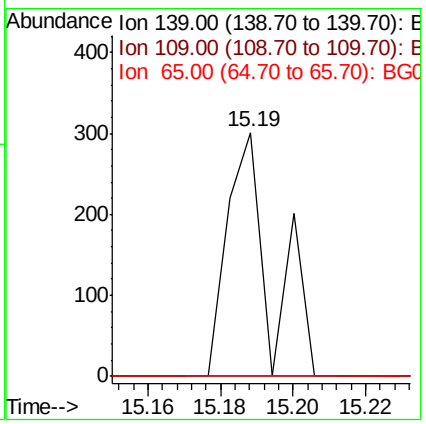


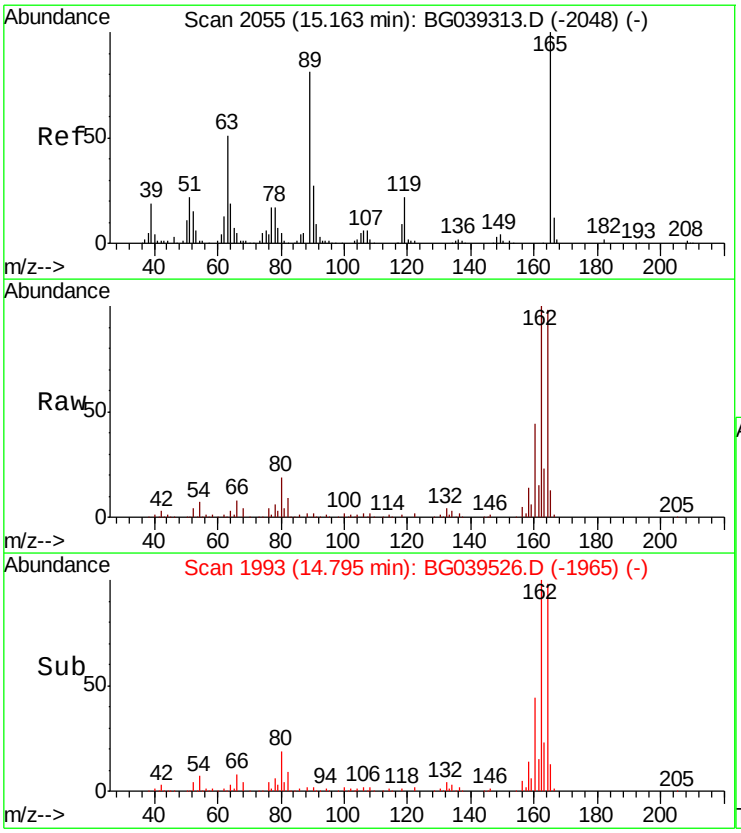
#56
4-Nitrophenol
Concen: 5.905 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:139 Resp: 255

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

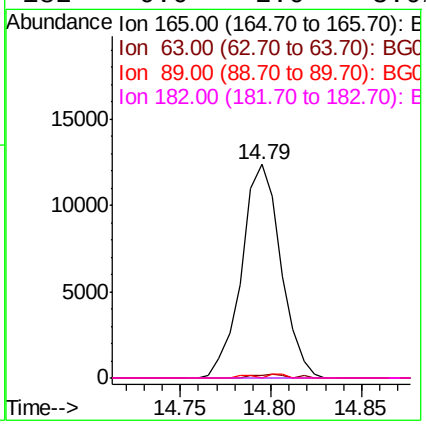


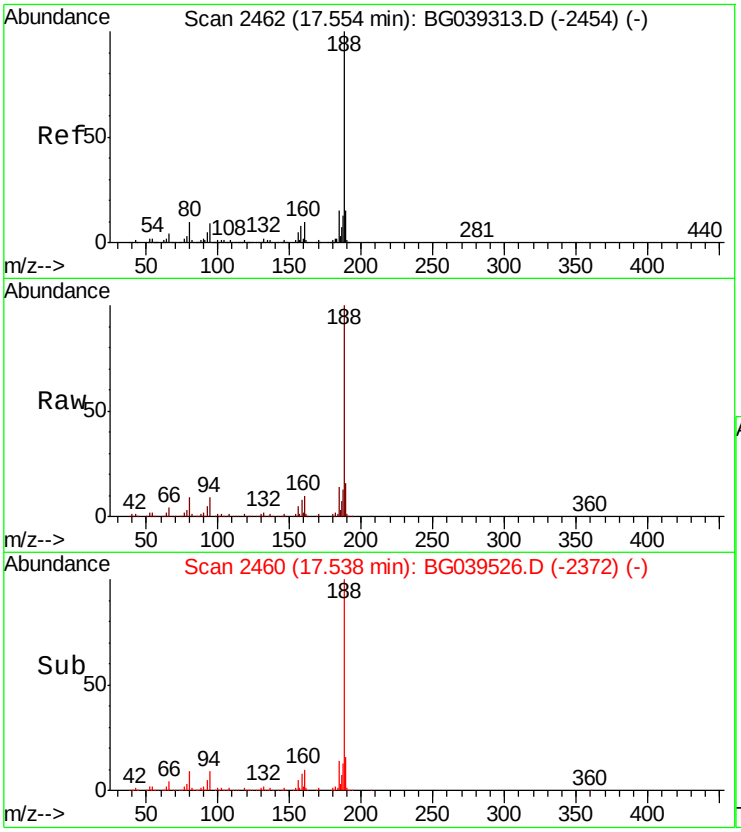


#57
2,4-Dinitrotoluene
Concen: 13.405 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:165 Resp: 18707

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



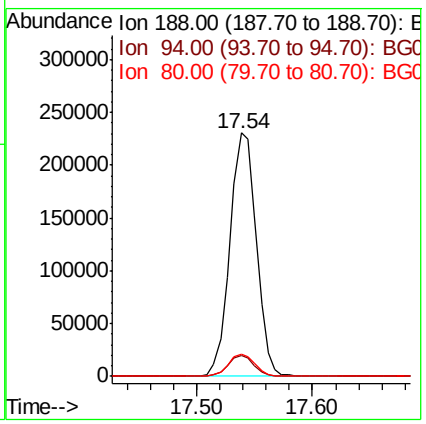


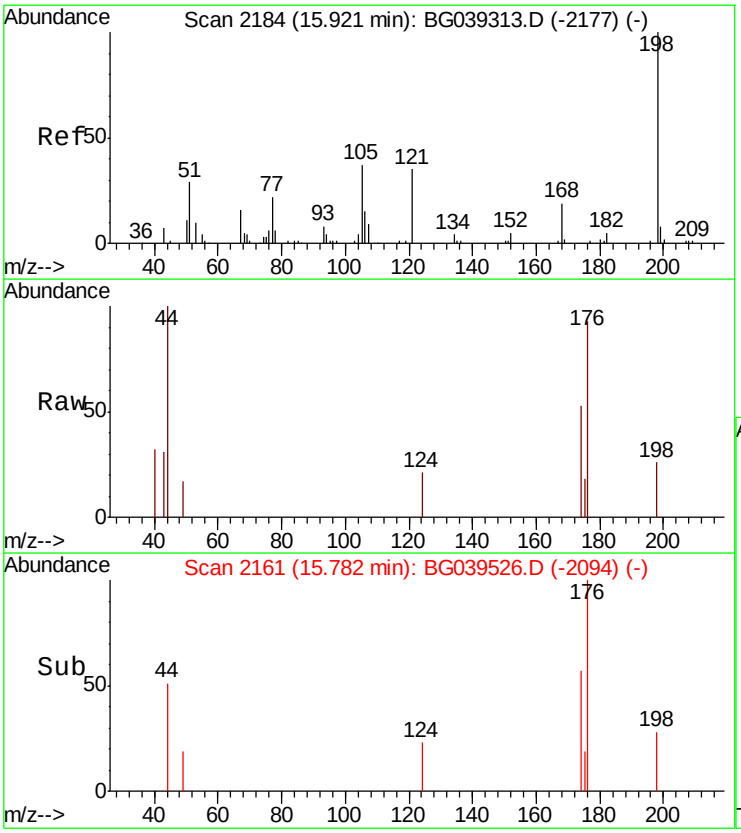
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:188 Resp: 365783

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.1	8.1	12.1

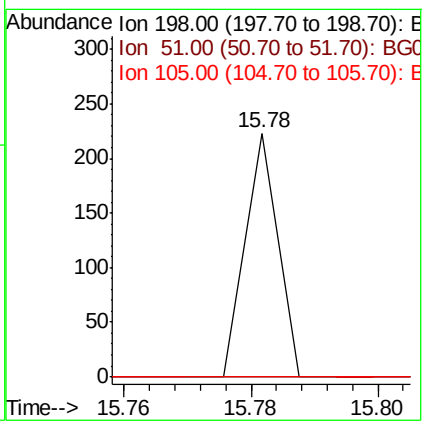


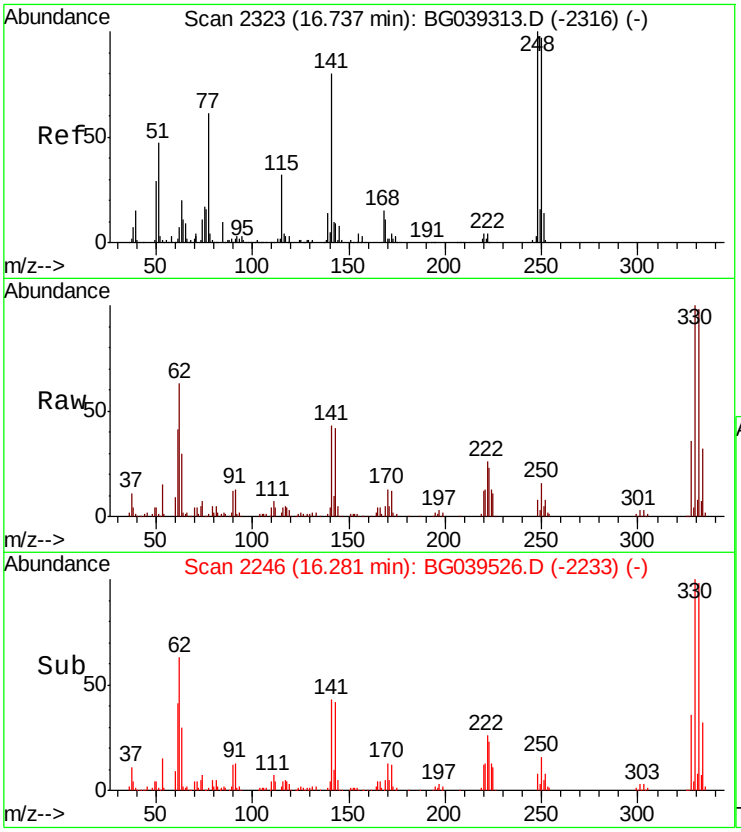


#65
4,6-Dinitro-2-methylphenol
Concen: 4.240 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.14 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:198 Resp: 79

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



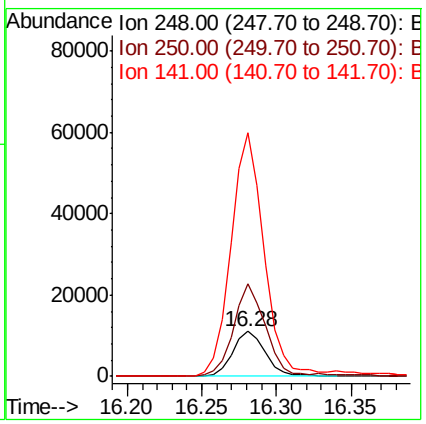


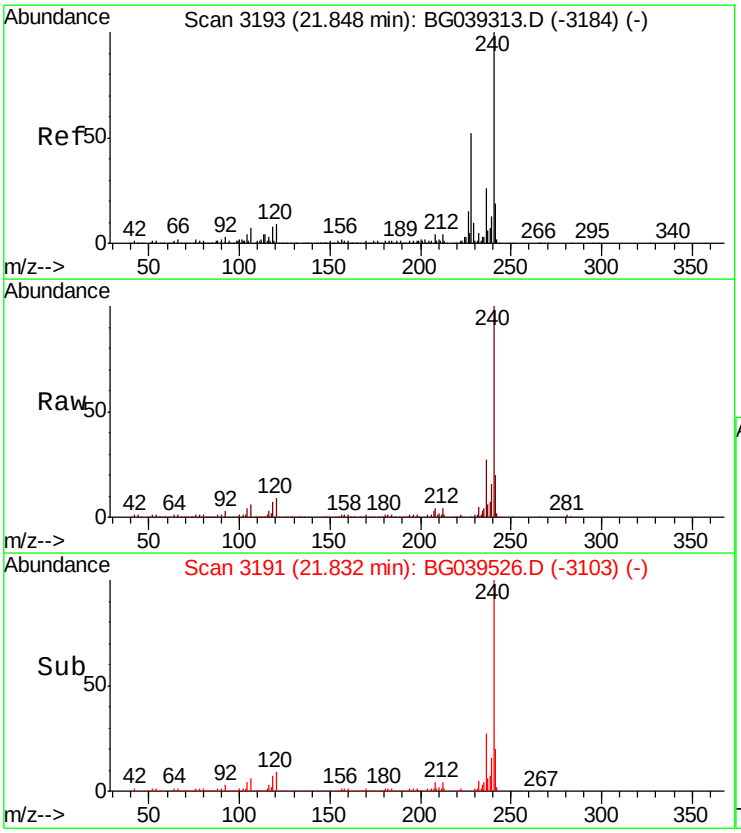
#67
4-Bromophenyl-phenylether
Concen: 4.203 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:248 Resp: 17057

Ion	Ratio	Lower	Upper
248	100		
250	204.9	77.6	116.4#
141	540.6	63.9	95.9#

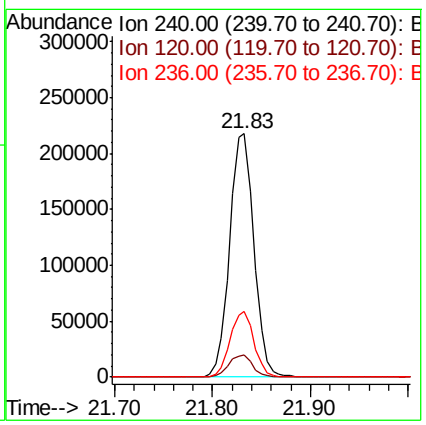


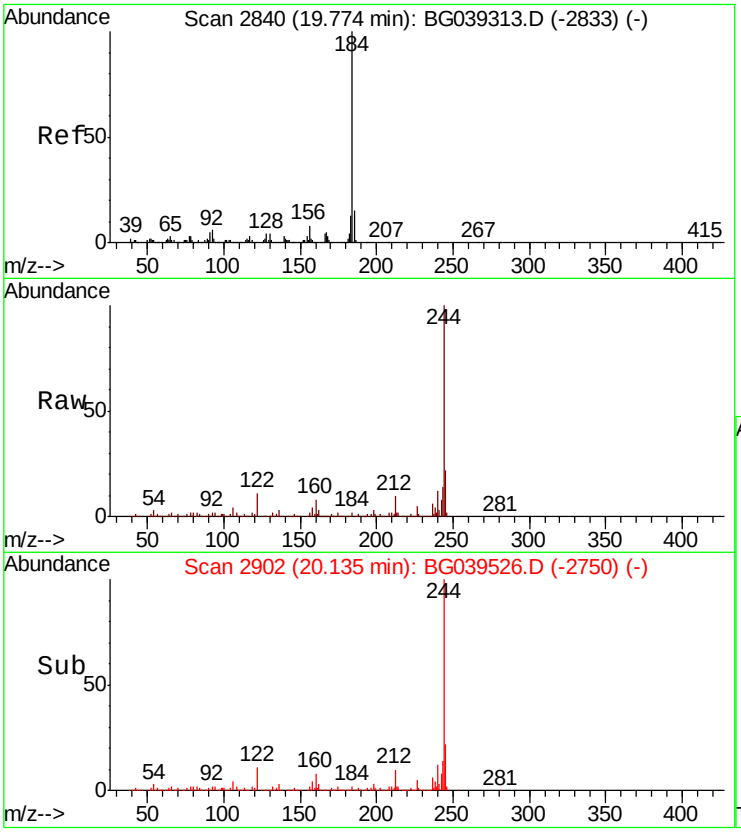


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:240 Resp: 375104

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	27.2	21.0	31.4



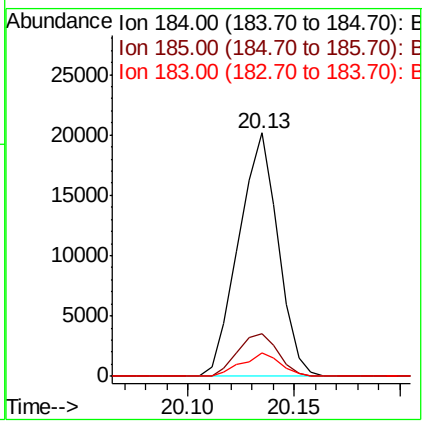


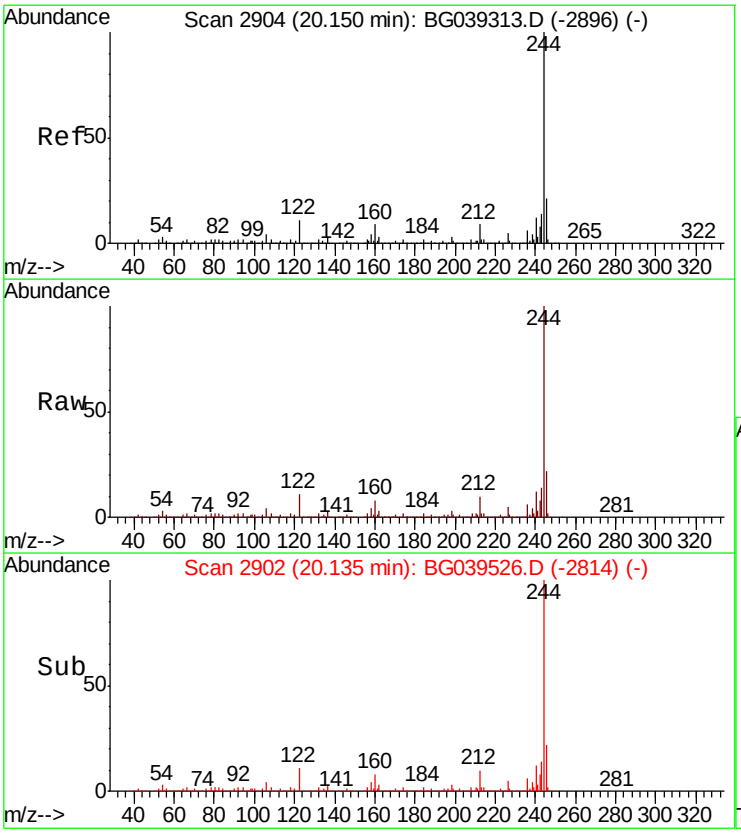
#77
Benzidine
Concen: 2.115 ng
RT: 20.13 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:184 Resp: 26011

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.2	18.2
183	9.9	10.6	15.8#

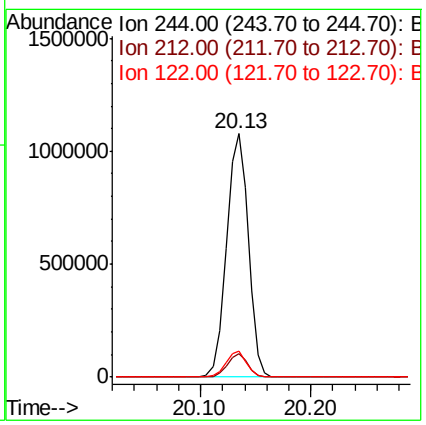


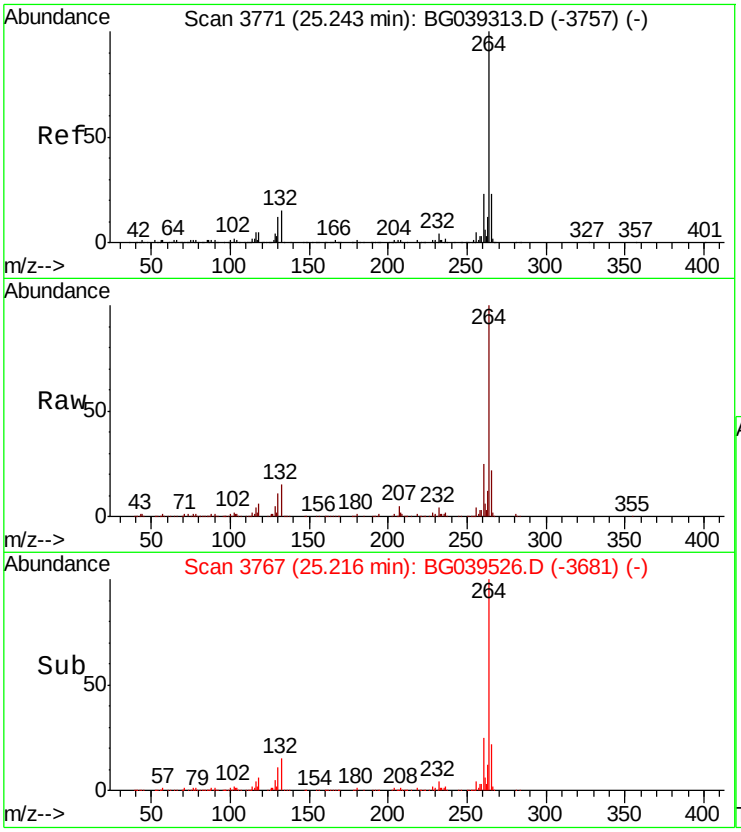


#79
Terphenyl-d14
Concen: 83.754 ng
RT: 20.13 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:244 Resp: 1484228

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:264 Resp: 367710

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.4	18.5	27.7