Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
Data File : BG039514.D
Acq On : 14 Feb 2019 19:58
Operator : JU/SJ
Sample : K1349-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-01-021319-B

Quant Time: Feb 15 03:12:04 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	47059	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	216470	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	159205	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	386579	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	407170	20.00	ng	-0.02
87) Perylene-d12	25.21	264	401998	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432239	157.20	ng	0.00
7) Phenol-d6	7.32	99	610782	150.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	415143	119.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	268926	156.87	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1046271	94.28	ng	-0.02
79) Terphenyl-d14	20.13	244	1708957	88.84	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1020	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	52987	18.446	ng	# 69
48) 2-Nitroaniline	13.43	65	1747	8.801	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	20196	13.815	ng	# 23
56) 4-Nitrophenol	15.19	139	560	6.017	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	20196	13.317	ng	# 18
62) 4-Nitroaniline	15.79	138	55	4.221	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	854	4.883	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	21370	4.983	ng	# 1
77) Benzidine	20.14	184	31368	2.350	ng	# 94

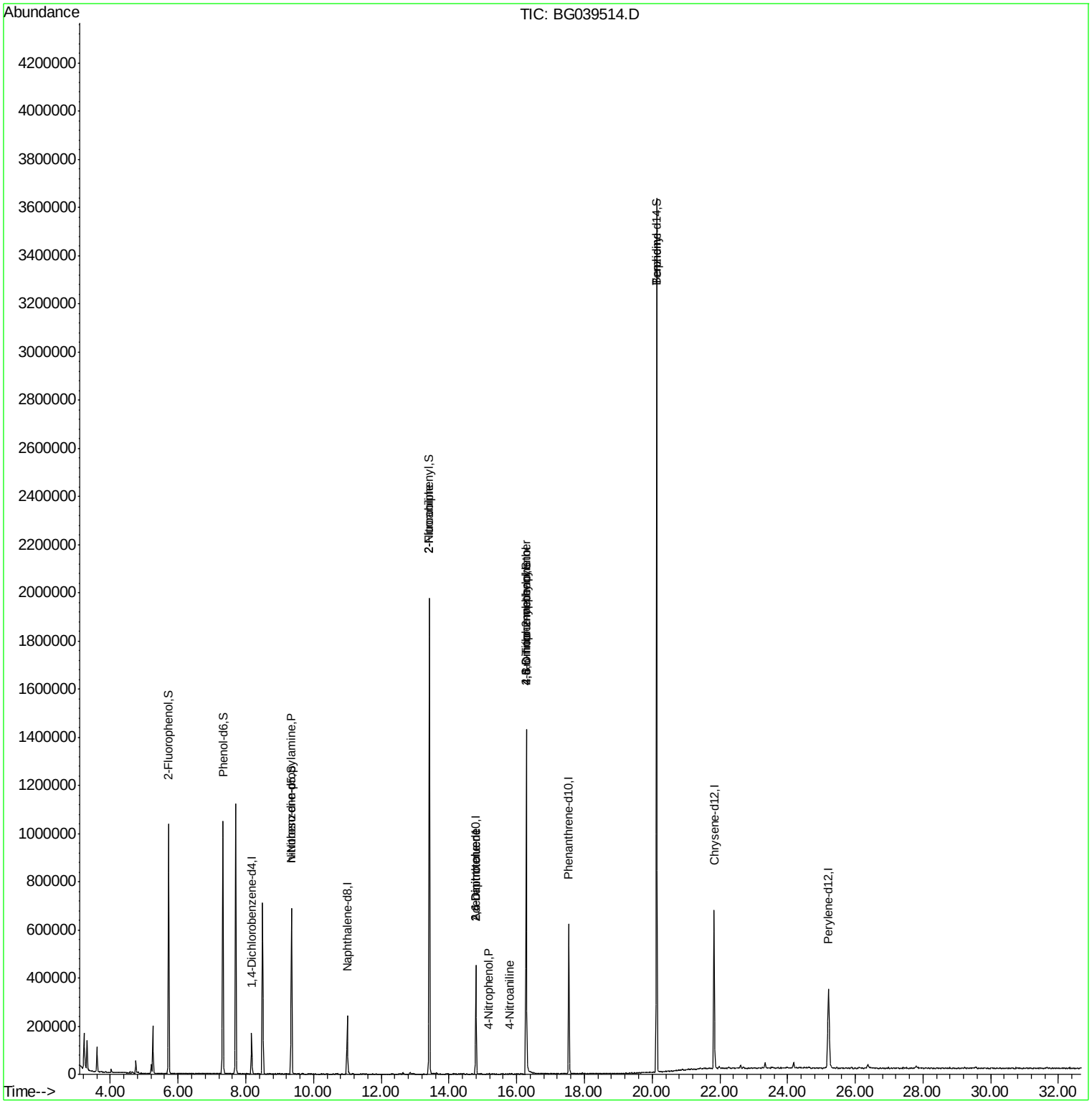
(#) = qualifier out of range (m) = manual integration (+) = signals summed

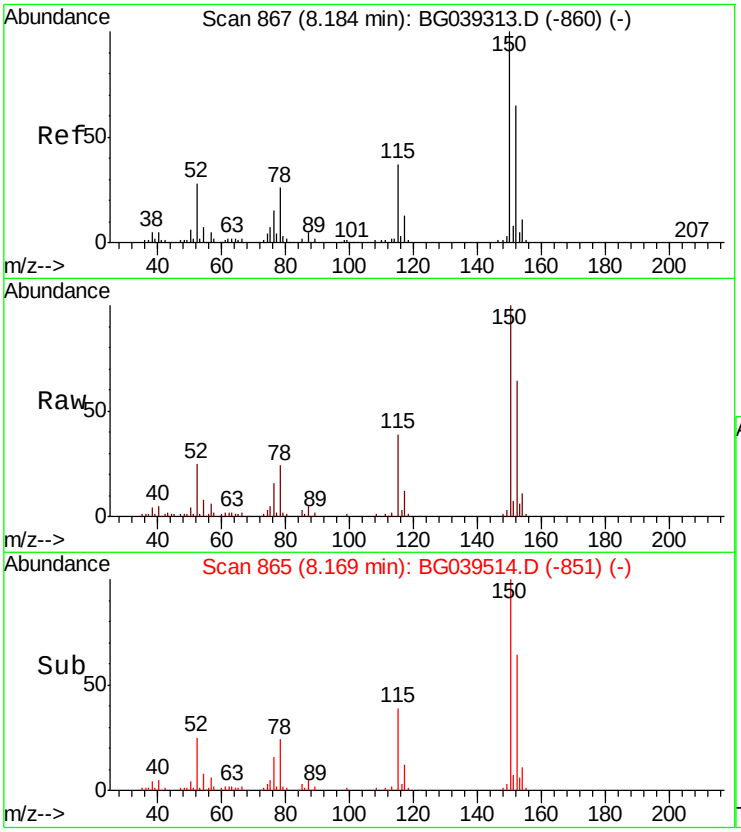
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
Data File : BG039514.D
Acq On : 14 Feb 2019 19:58
Operator : JU/SJ
Sample : K1349-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Quant Time: Feb 15 03:12:04 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



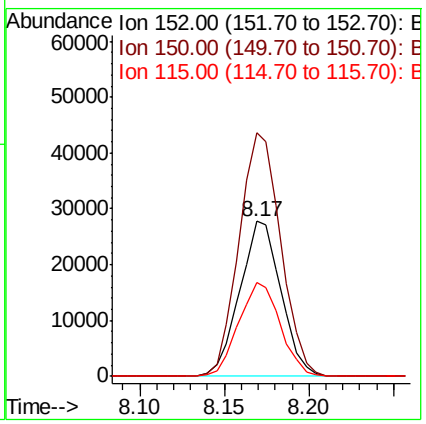


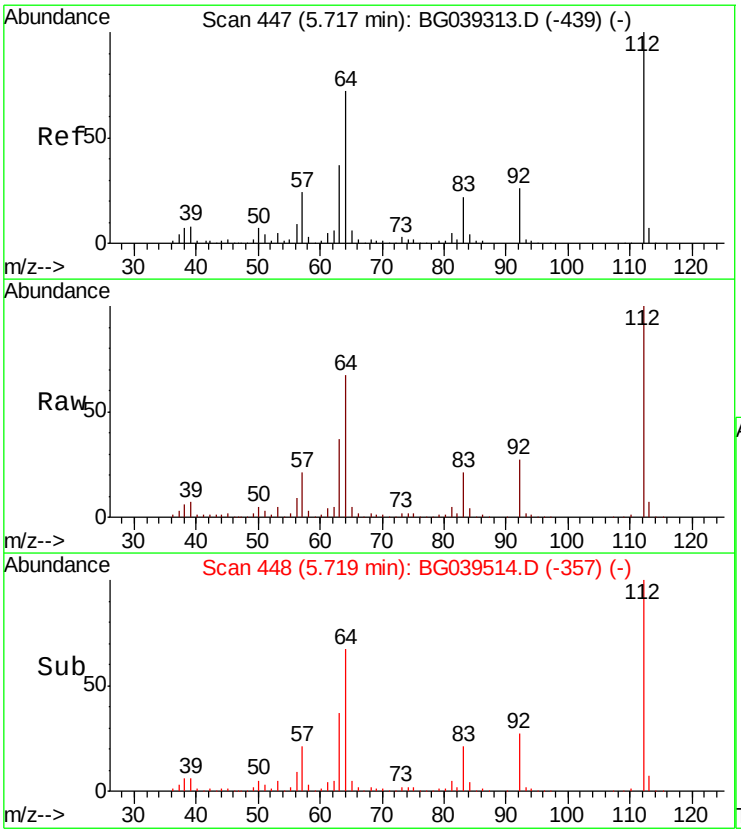
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:152 Resp: 47059

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.7	185.5
115	60.8	45.9	68.9

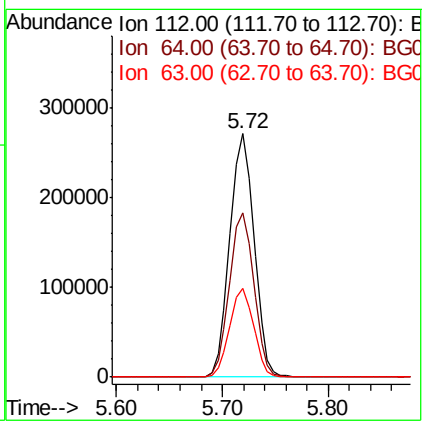


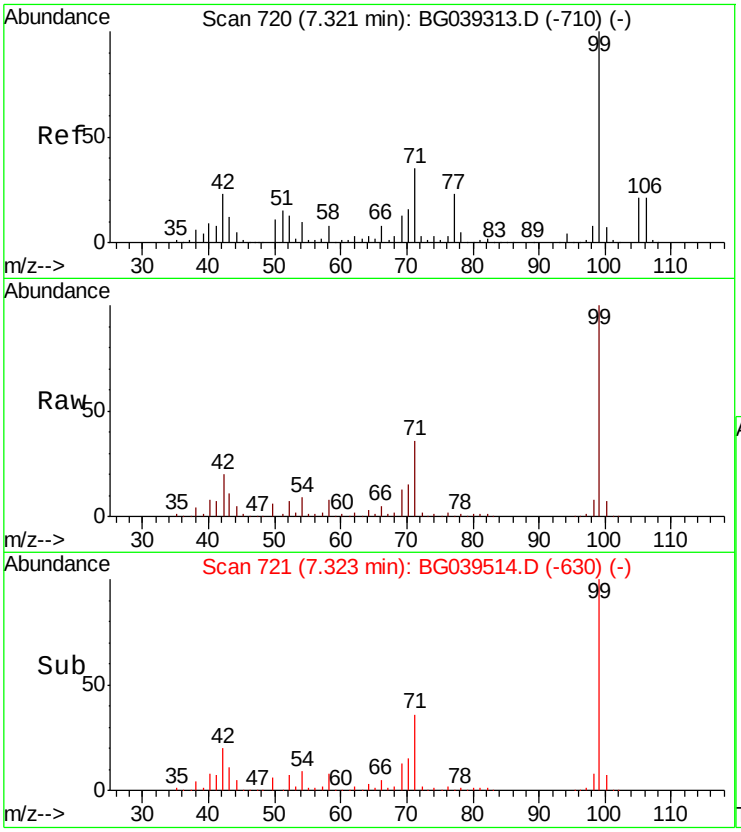


#5
2-Fluorophenol
Concen: 157.203 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:112 Resp: 432239

Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	36.6	29.8	44.6



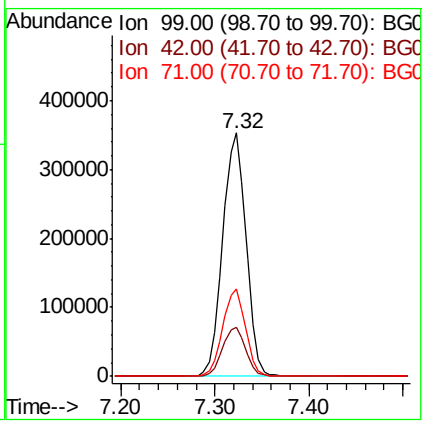


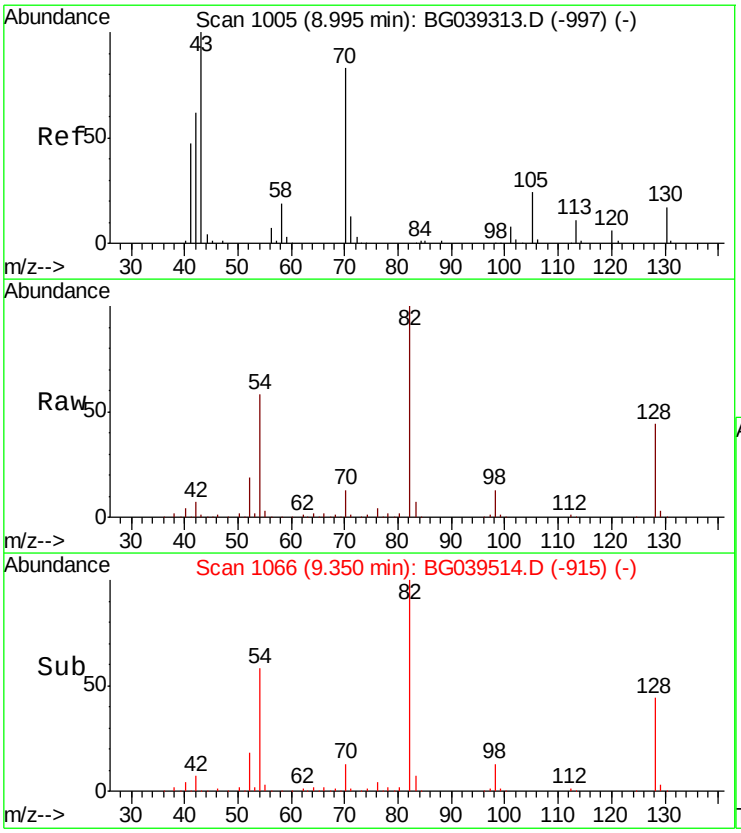
#7
Phenol-d6
Concen: 150.912 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion: 99 Resp: 610782

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	35.7	28.0	42.0

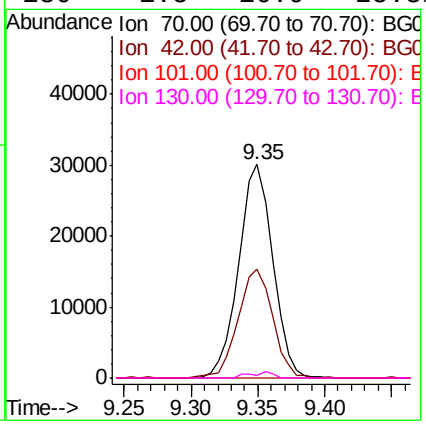


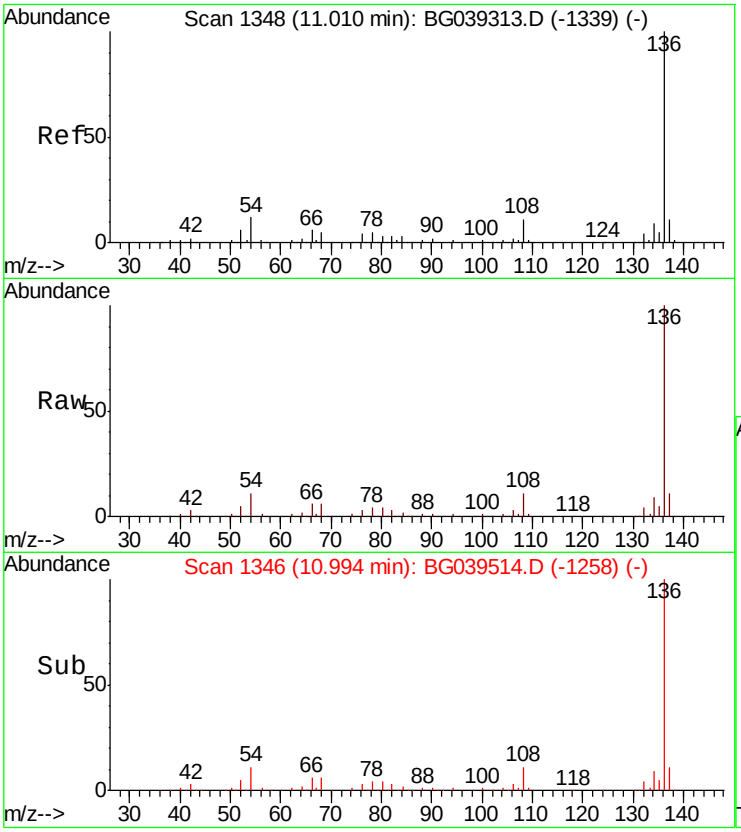


#19
n-Nitroso-di-n-propylamine
Concen: 18.446 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion: 70 Resp: 52987

Ion	Ratio	Lower	Upper
70	100		
42	50.9	60.4	90.6#
101	0.0	7.5	11.3#
130	1.5	16.9	25.3#



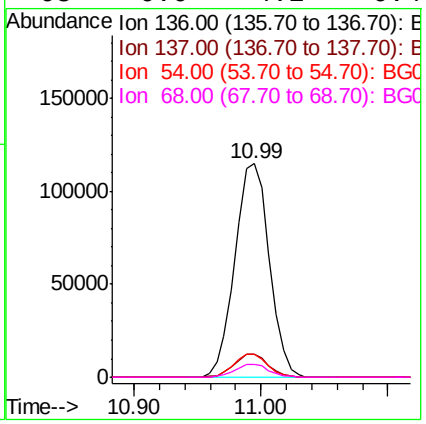


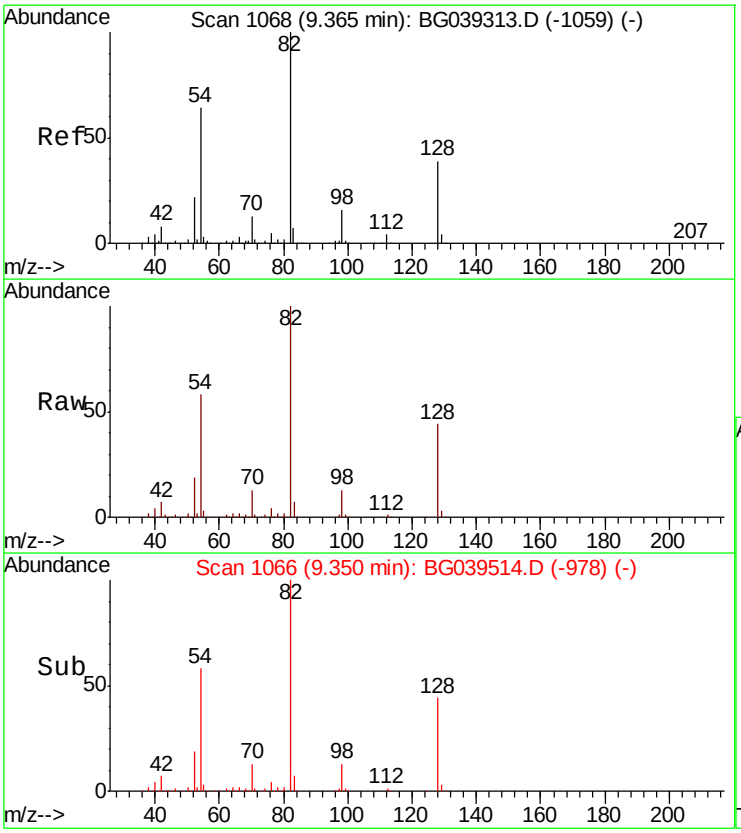
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:136 Resp: 216470

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	10.6	9.4	14.2
68	6.0	4.2	6.4

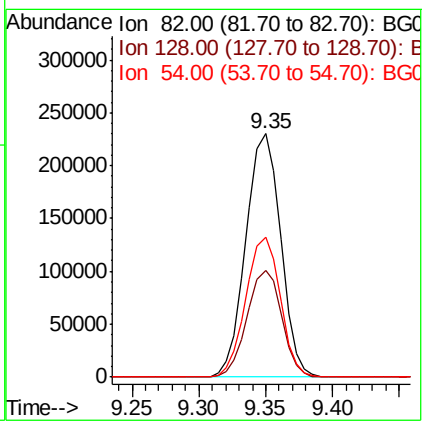


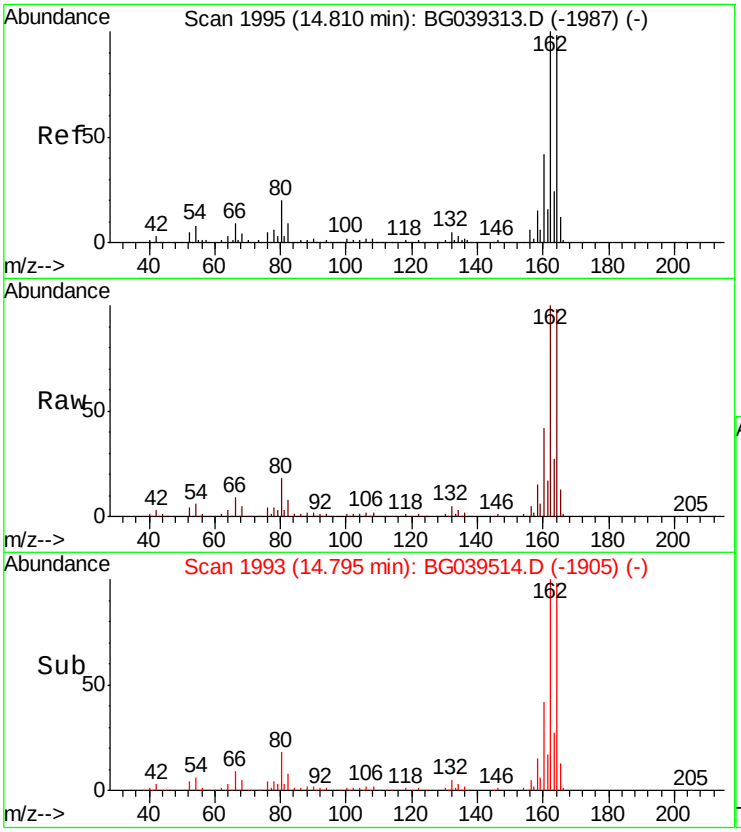


#23
Nitrobenzene-d5
Concen: 119.807 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion: 82 Resp: 415143

Ion	Ratio	Lower	Upper
82	100		
128	43.9	31.3	46.9
54	57.7	50.9	76.3



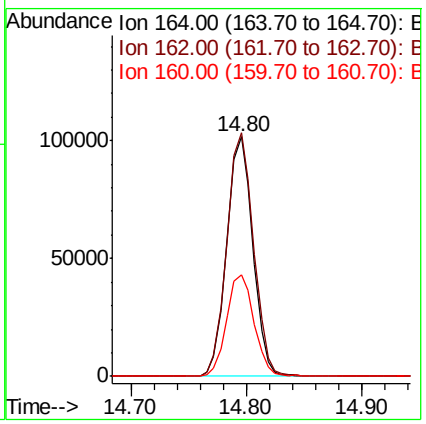


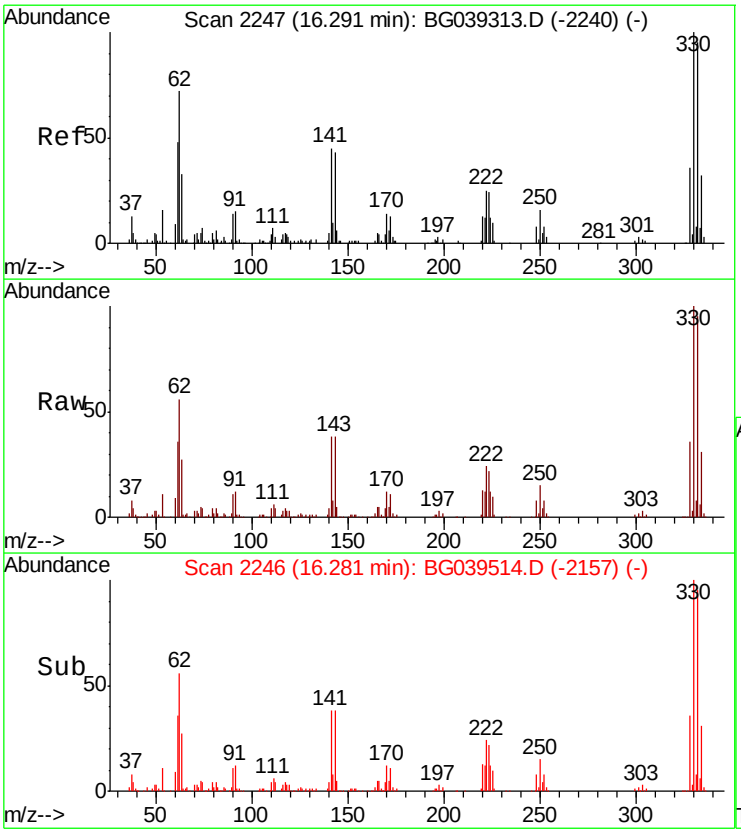
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:164 Resp: 159205

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	42.3	34.2	51.2

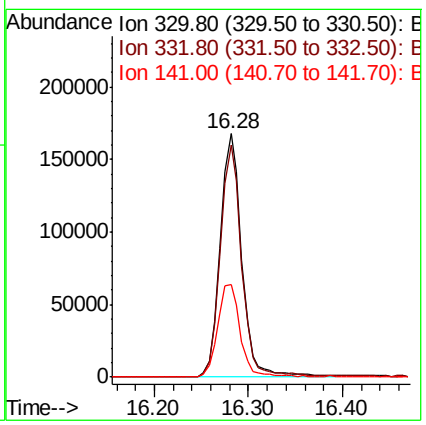


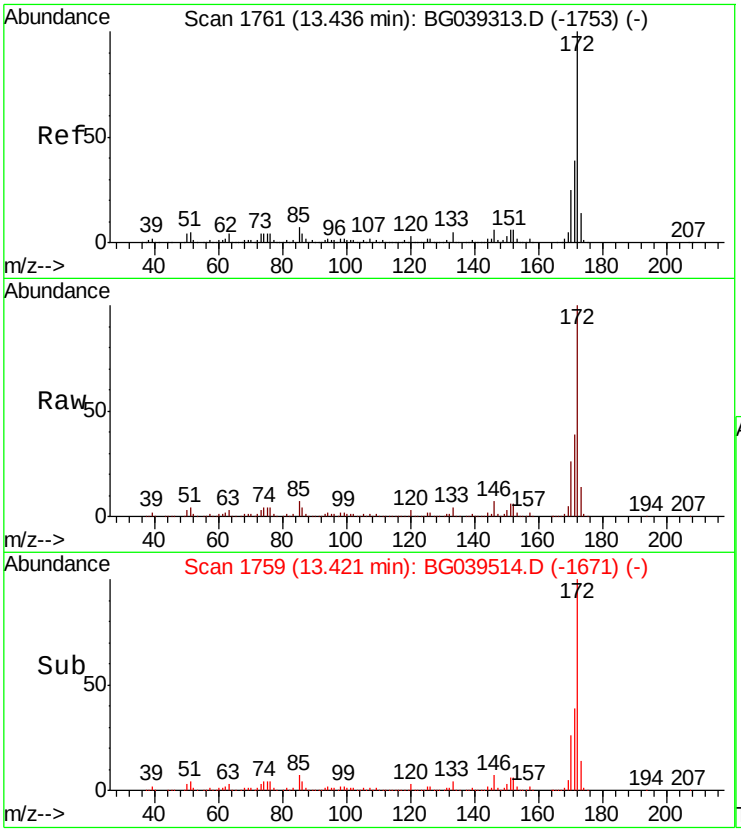


#42
2,4,6-Tribromophenol
Concen: 156.866 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:330 Resp: 268926

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	40.1	35.6	53.4



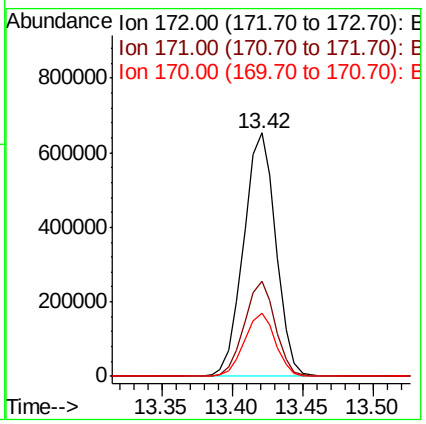


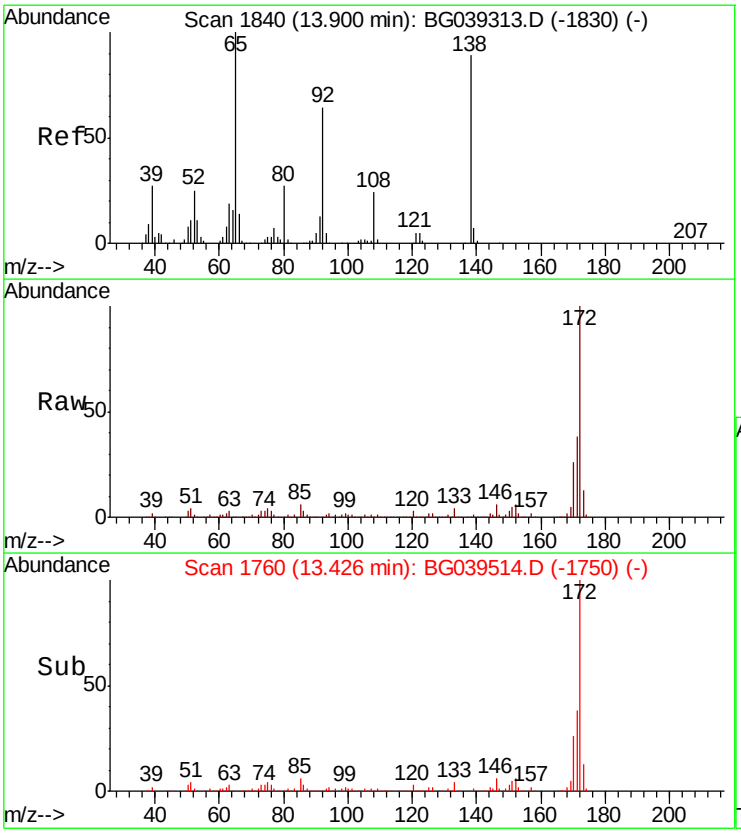
#45
2-Fluorobiphenyl
Concen: 94.276 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument : BNA_G
ClientSampleId : OR-01-021319-B

Tgt Ion:172 Resp: 1046271

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.8	46.2
170	25.7	20.2	30.4

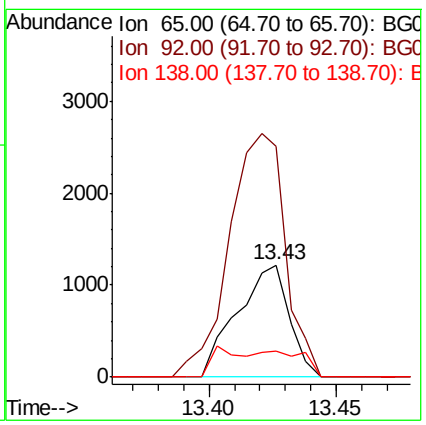


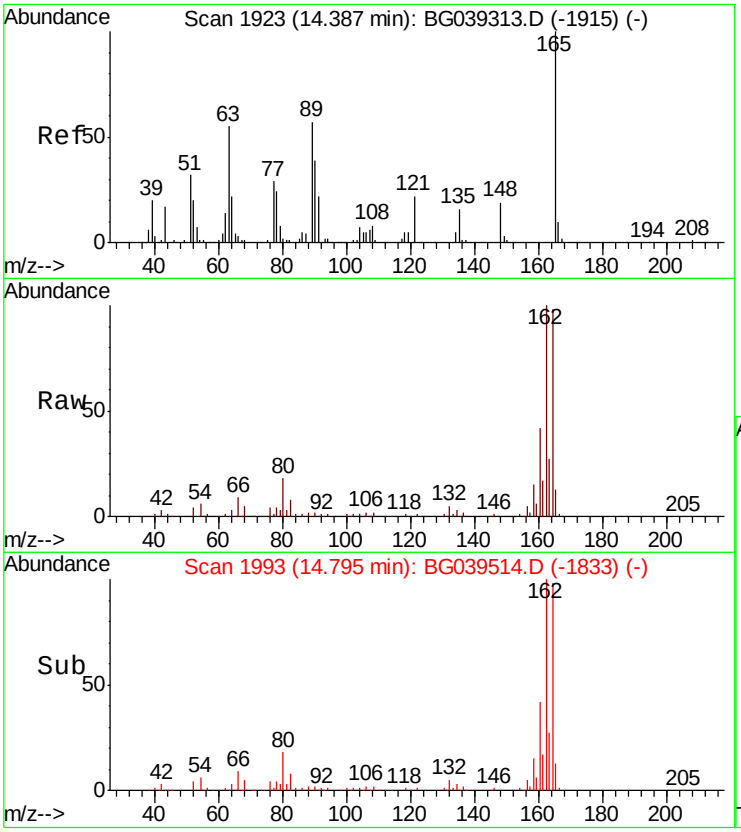


#48
2-Nitroaniline
Concen: 8.801 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion: 65 Resp: 1747

Ion	Ratio	Lower	Upper
65	100		
92	206.1	51.4	77.2#
138	23.1	71.4	107.2#



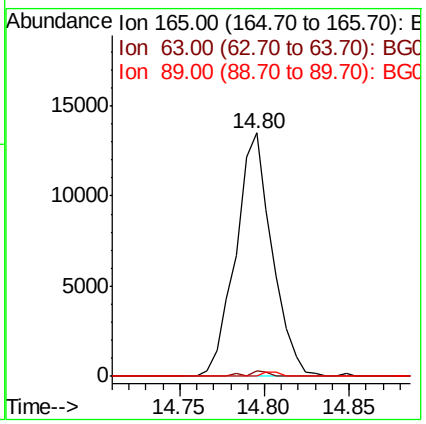


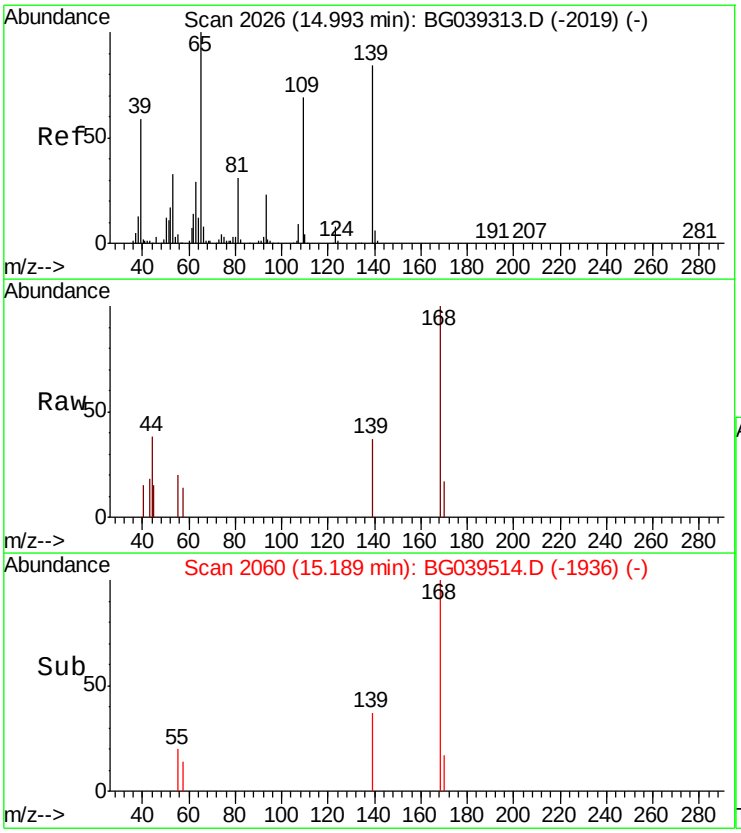
#51
2,6-Dinitrotoluene
Concen: 13.815 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:165 Resp: 20196

Ion	Ratio	Lower	Upper
165	100		
63	2.3	47.0	70.6#
89	0.0	45.8	68.8#

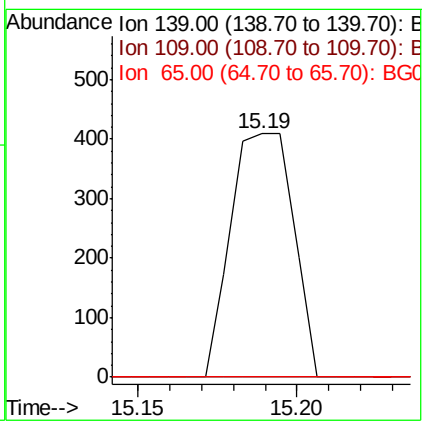


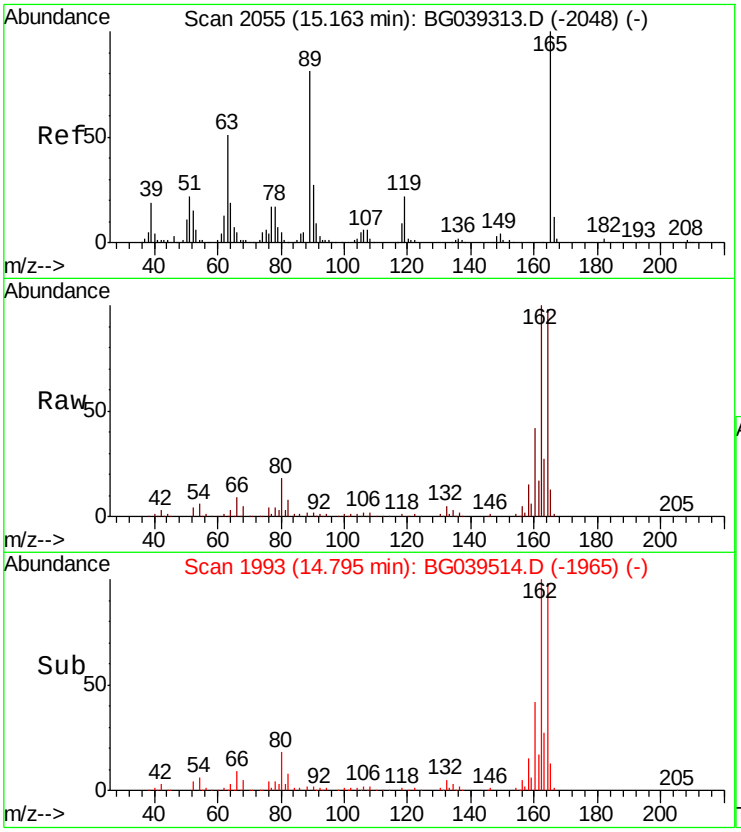


#56
4-Nitrophenol
Concen: 6.017 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:139 Resp: 560

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



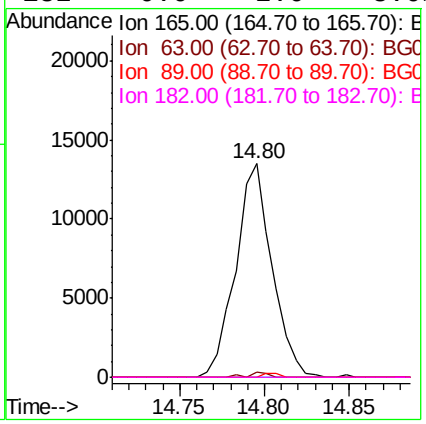


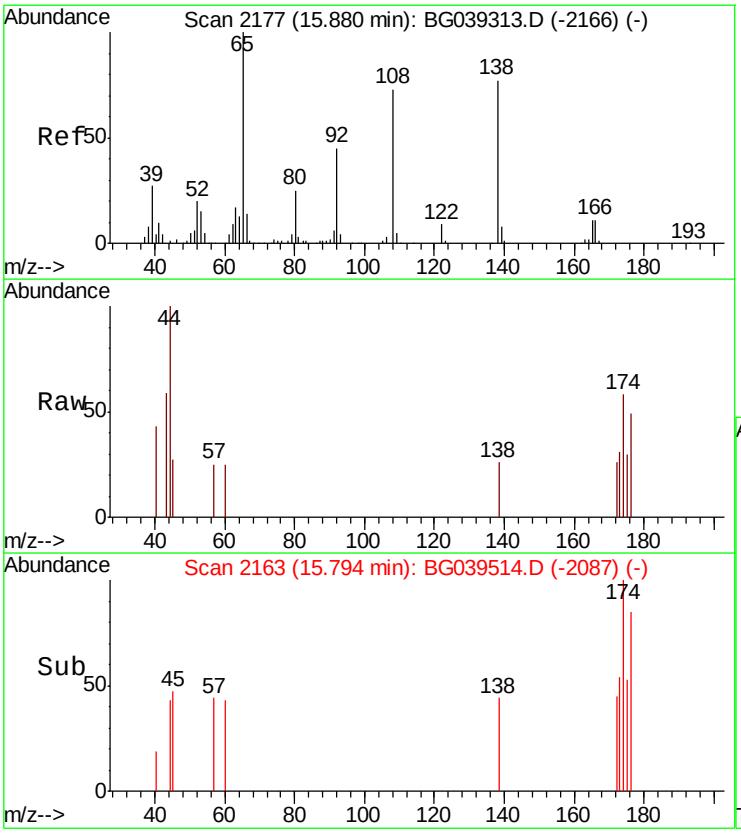
#57
2,4-Dinitrotoluene
Concen: 13.317 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument : BNA_G
ClientSampleId : OR-01-021319-B

Tgt Ion:165 Resp: 20196

Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

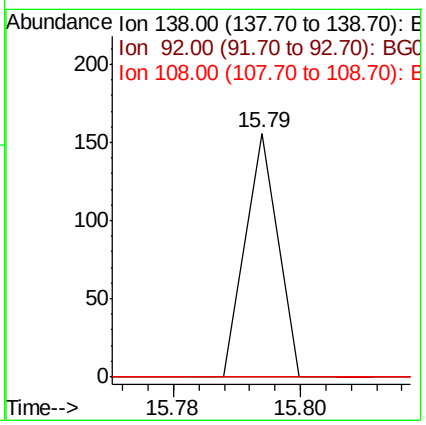


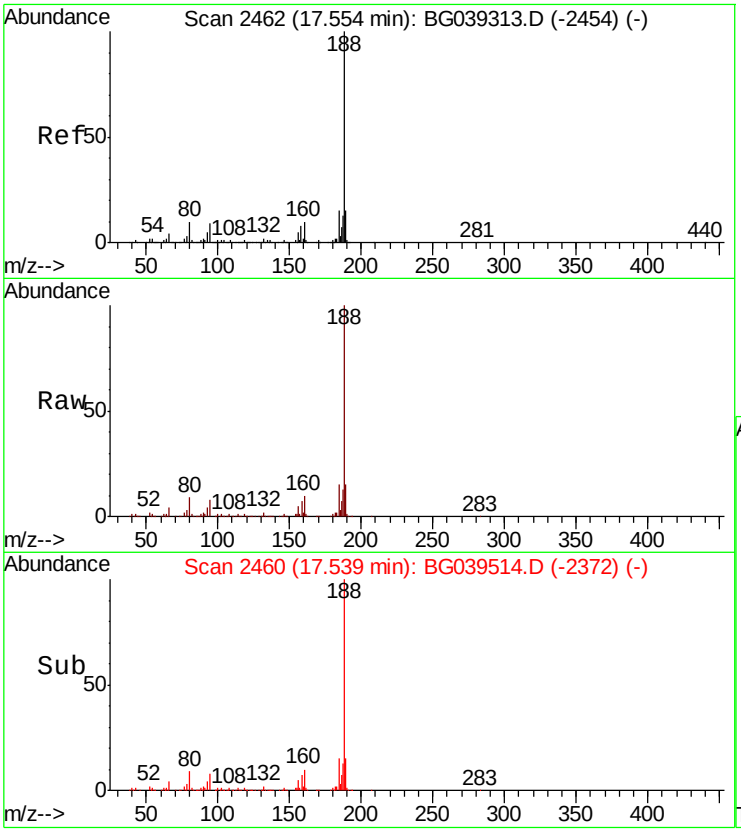


#62
4-Nitroaniline
Concen: 4.221 ng
RT: 15.79 min Scan# 2163
Delta R.T. -0.09 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

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#



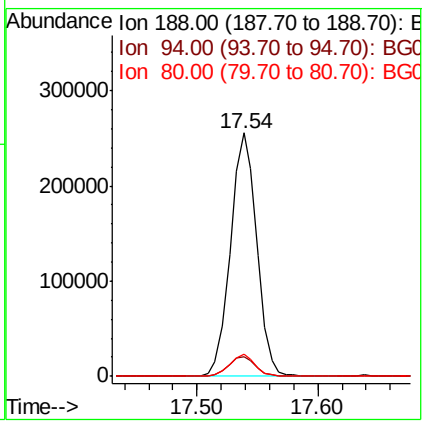


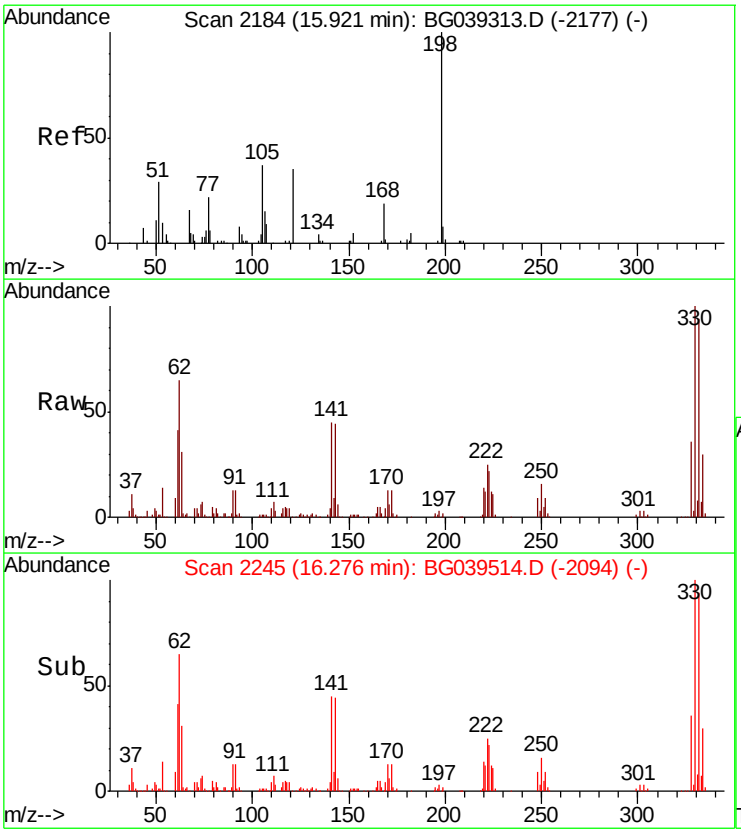
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:188 Resp: 386579

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.9	8.1	12.1

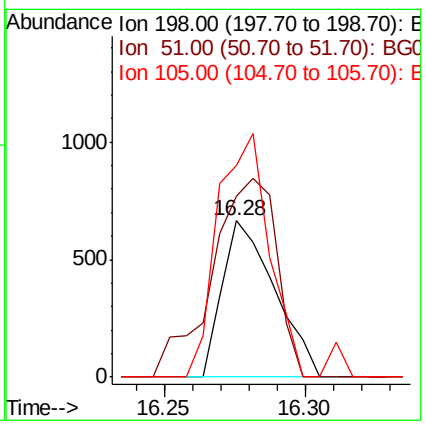


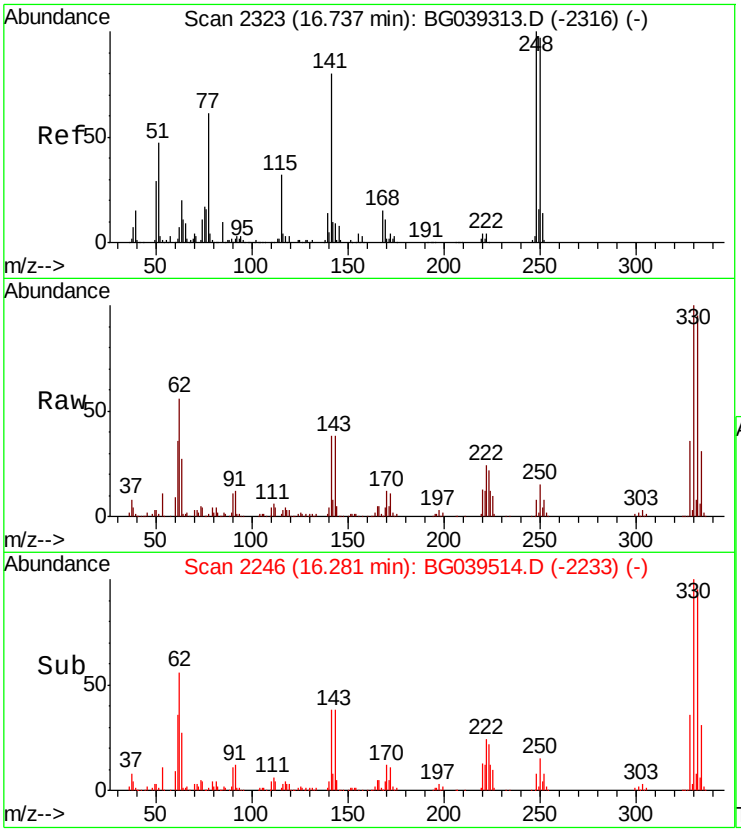


#65
4,6-Dinitro-2-methylphenol
Concen: 4.883 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:198 Resp: 854

Ion	Ratio	Lower	Upper
198	100		
51	116.1	27.4	67.4#
105	135.4	19.7	59.7#



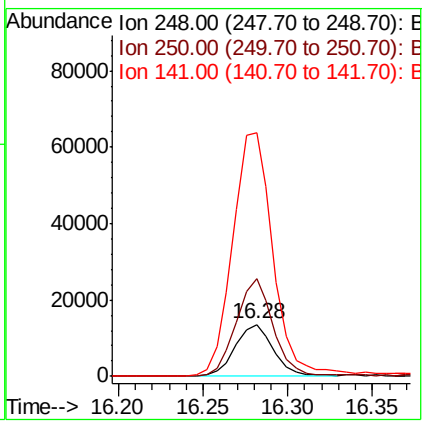


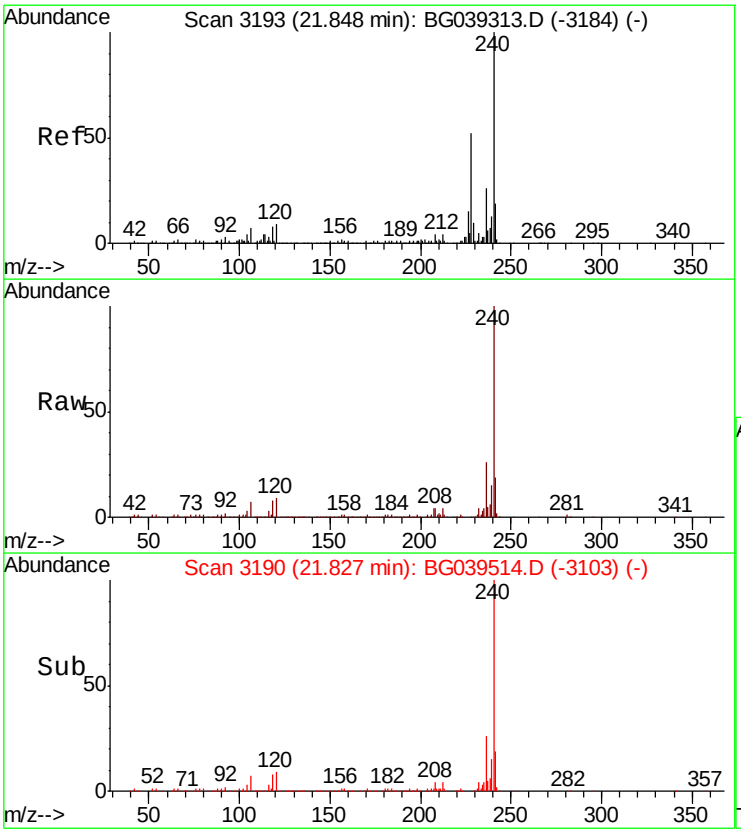
#67
4-Bromophenyl-phenylether
Concen: 4.983 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:248 Resp: 21370

Ion	Ratio	Lower	Upper
248	100		
250	188.6	77.6	116.4#
141	467.8	63.9	95.9#

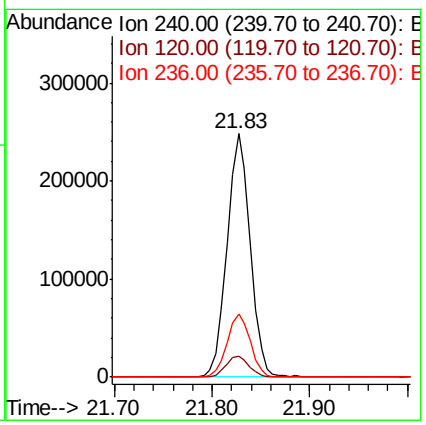


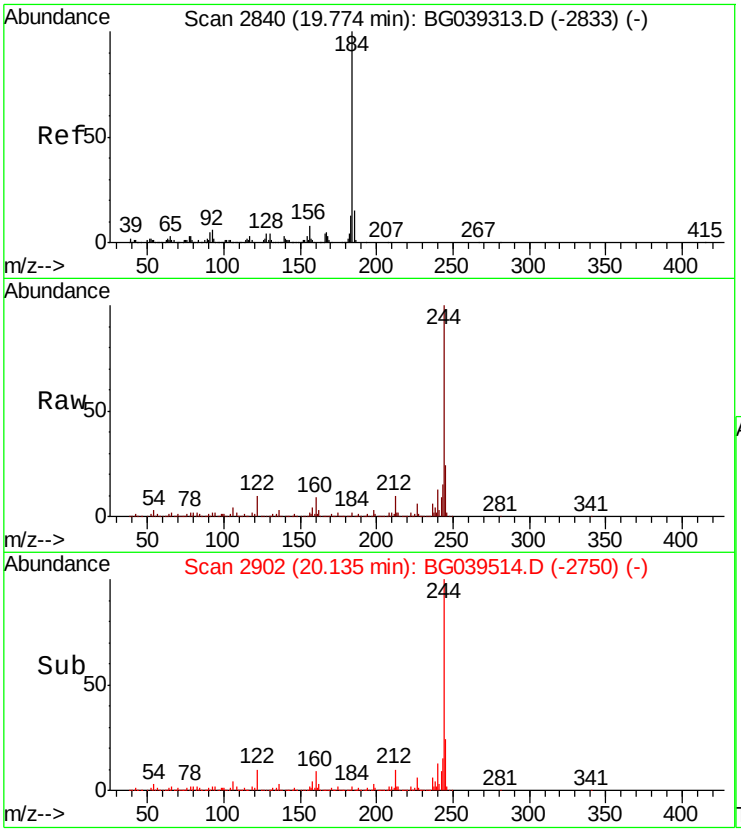


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:240 Resp: 407170

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.9	21.0	31.4



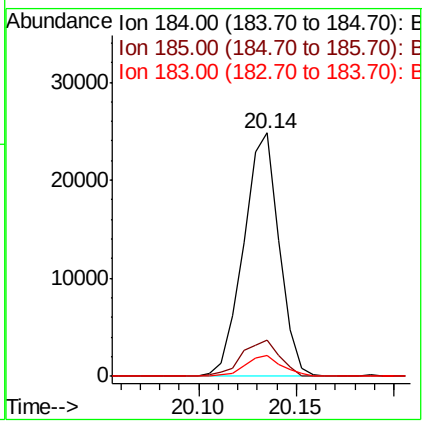


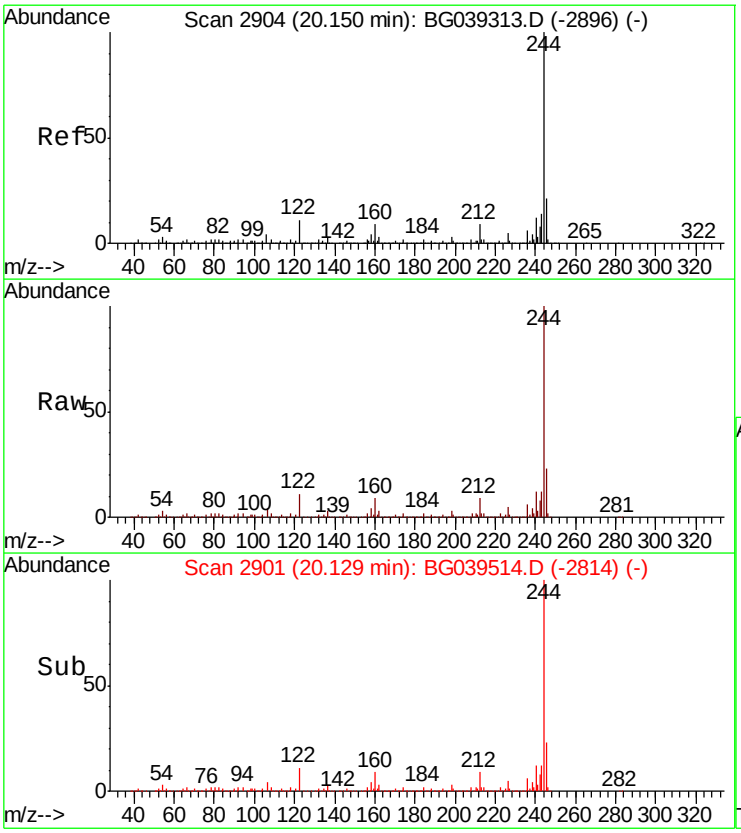
#77
Benzidine
Concen: 2.350 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:184 Resp: 31368

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	8.5	10.6	15.8#

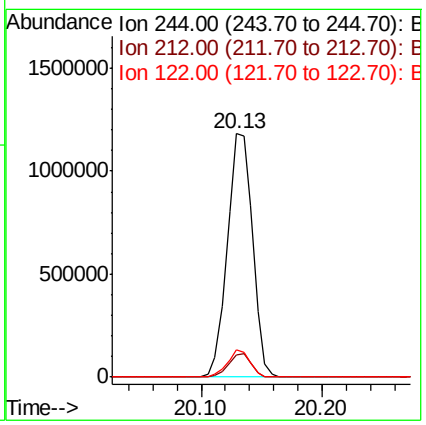


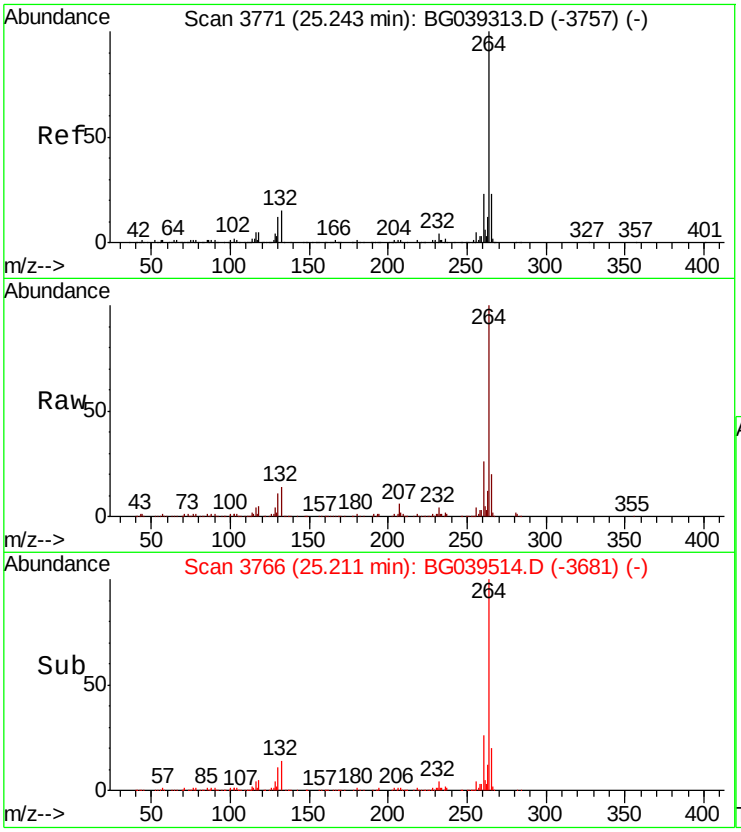


#79
Terphenyl-d14
Concen: 88.841 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:244 Resp: 1708957

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	11.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tgt Ion:264 Resp: 401998

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.4
265	20.1	18.5	27.7