Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022119\
Data File : BG039574.D
Acq On : 21 Feb 2019 16:51
Operator : JU/SJ
Sample : K1349-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-021919-B

Quant Time: Feb 21 22:02:58 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	49816	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	217887	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	153102	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	376478	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	369188	20.00	ng	-0.03
87) Perylene-d12	25.21	264	296928	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	430764	148.00	ng	0.00
7) Phenol-d6	7.32	99	596093	139.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	406177	116.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	244116	148.07	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	971054	90.99	ng	-0.02
79) Terphenyl-d14	20.13	244	1537478	88.15	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	938	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	52330	17.209	ng	# 69
26) 2-Nitrophenol	10.16	139	57	4.051	ng	# 31
32) Benzoic acid	10.24	122	64	9.046	ng	# 1
48) 2-Nitroaniline	13.41	65	1596	8.776	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	19684	13.913	ng	# 24
56) 4-Nitrophenol	15.18	139	128	5.847	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	19684	13.391	ng	# 19
62) 4-Nitroaniline	16.27	138	66	4.226	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.28	198	970	5.001	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	19727	4.723	ng	# 1
77) Benzidine	20.13	184	27883	2.304	ng	# 94

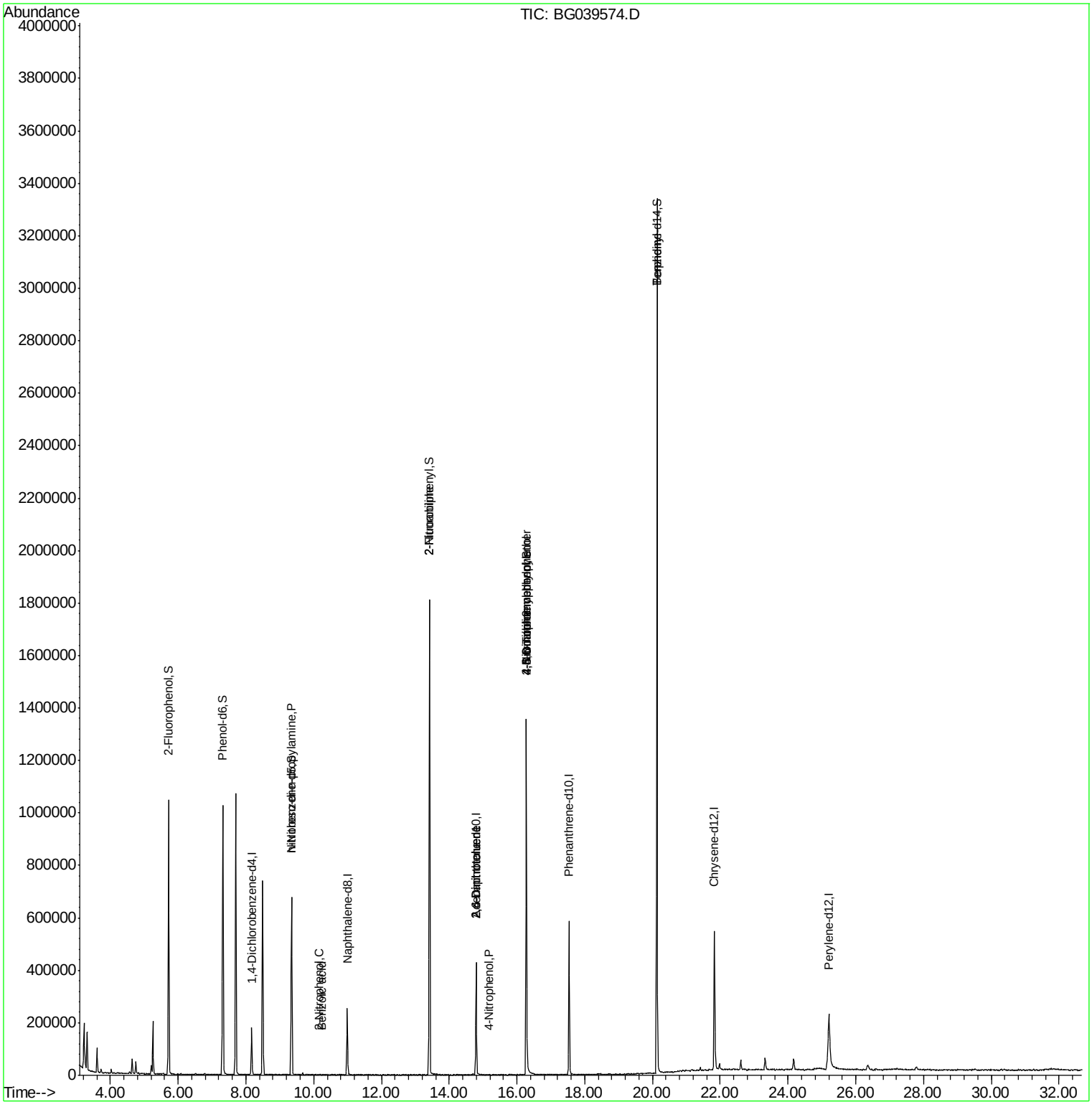
(#) = qualifier out of range (m) = manual integration (+) = signals summed

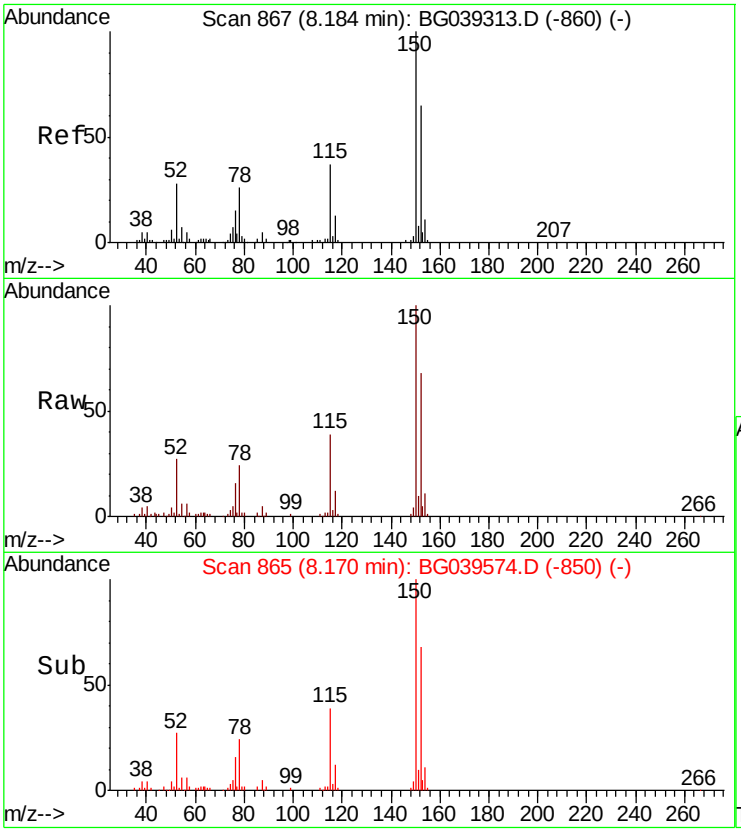
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022119\
Data File : BG039574.D
Acq On : 21 Feb 2019 16:51
Operator : JU/SJ
Sample : K1349-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Quant Time: Feb 21 22:02:58 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



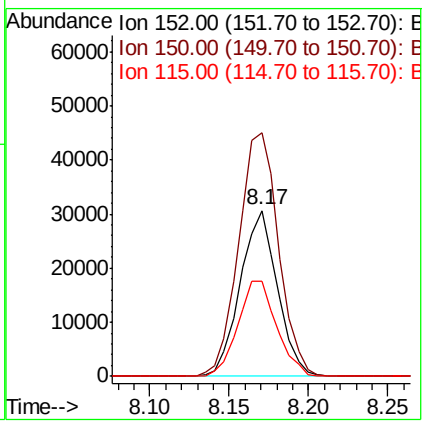


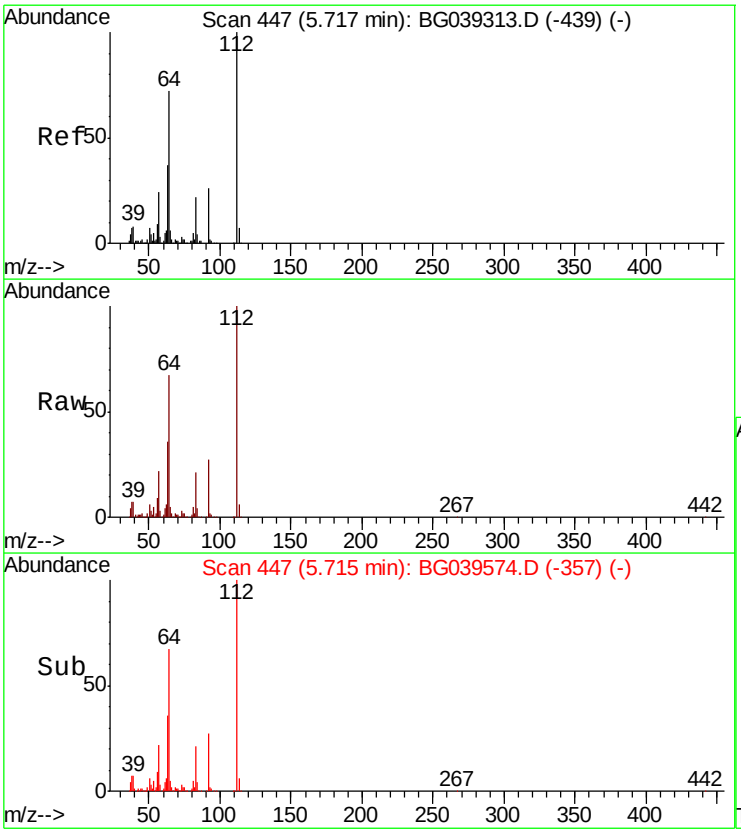
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:152 Resp: 49816

Ion	Ratio	Lower	Upper
152	100		
150	146.6	123.7	185.5
115	57.6	45.9	68.9

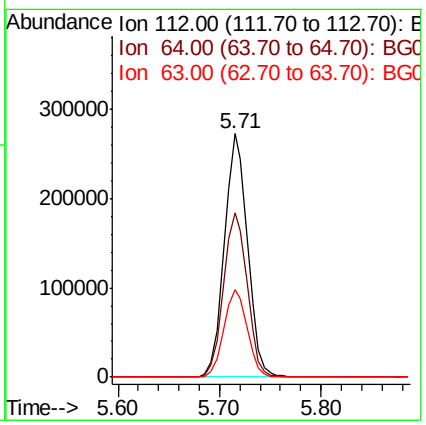


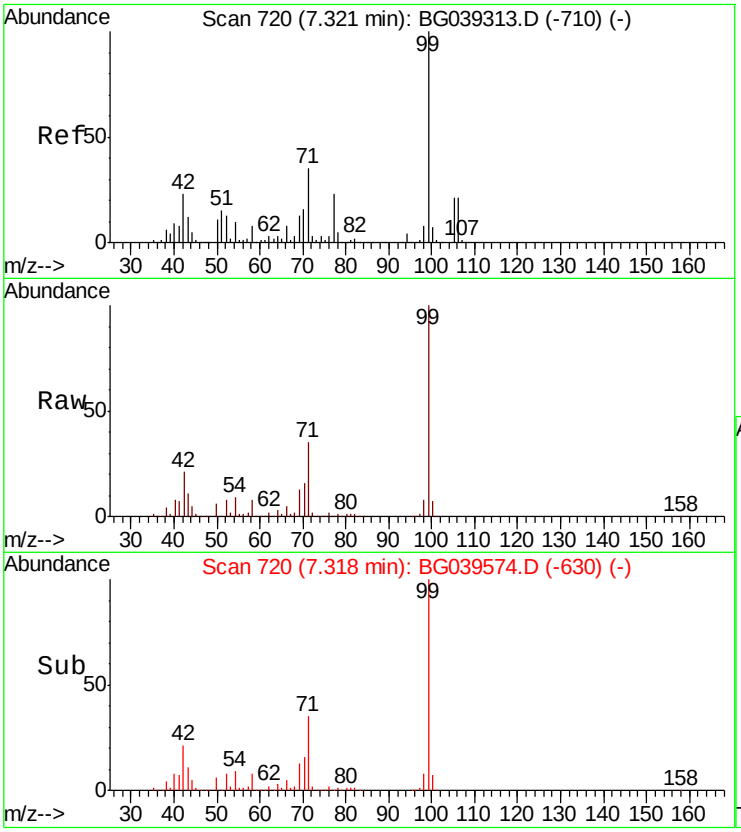


#5
2-Fluorophenol
Concen: 147.996 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:112 Resp: 430764

Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.8	86.8
63	36.1	29.8	44.6



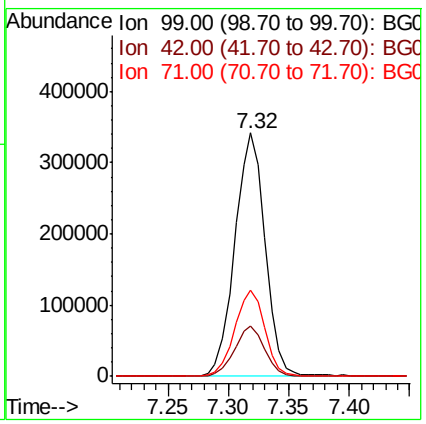


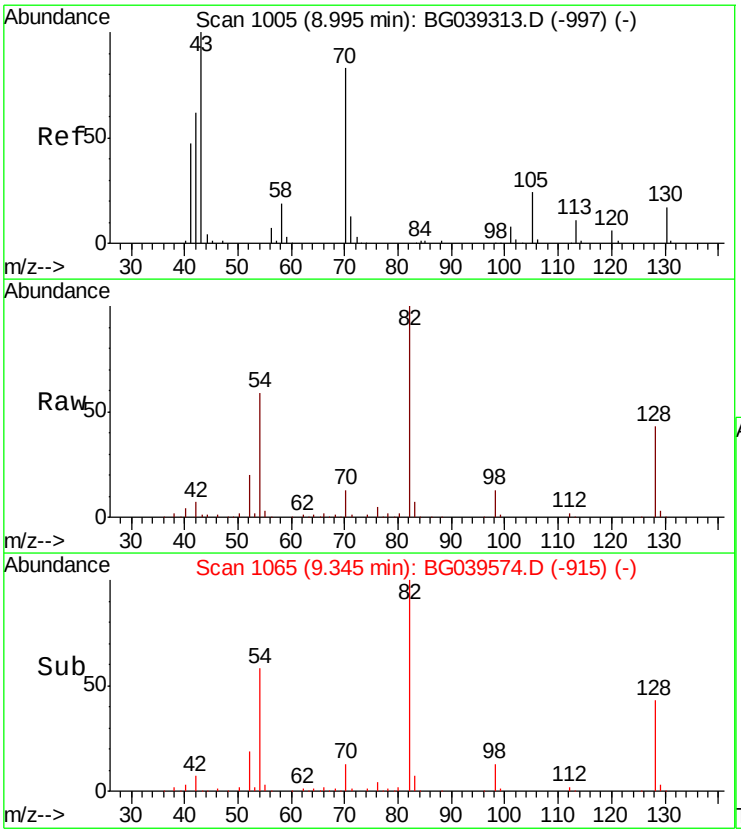
#7
Phenol-d6
Concen: 139.131 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion: 99 Resp: 596093

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.2
71	35.4	28.0	42.0

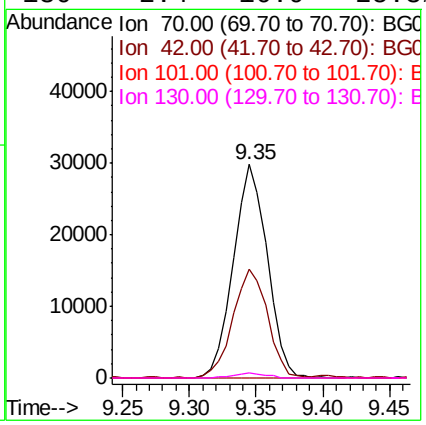


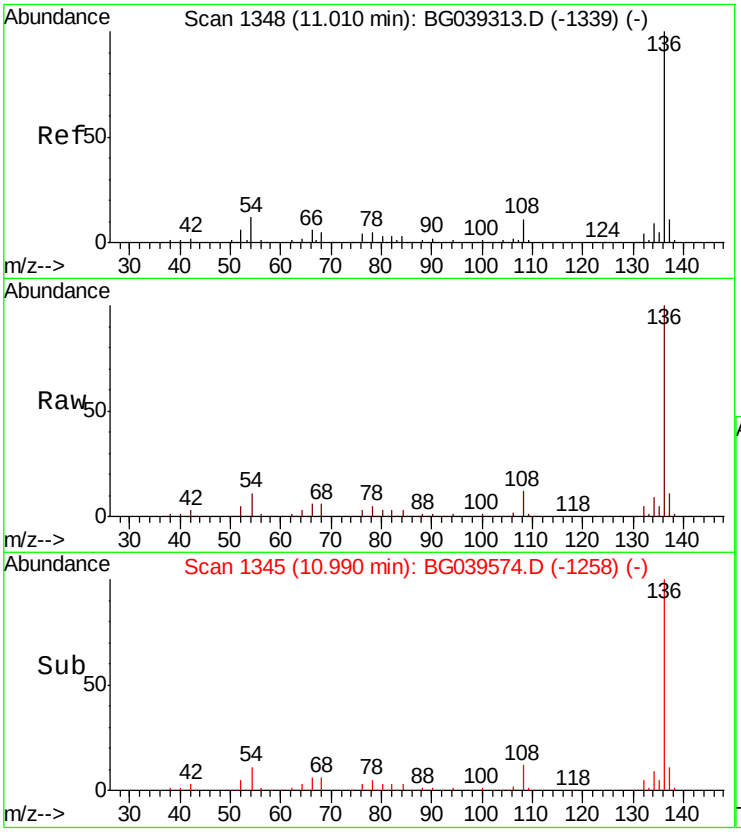


#19
n-Nitroso-di-n-propylamine
Concen: 17.209 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion: 70 Resp: 52330

Ion	Ratio	Lower	Upper
70	100		
42	51.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#



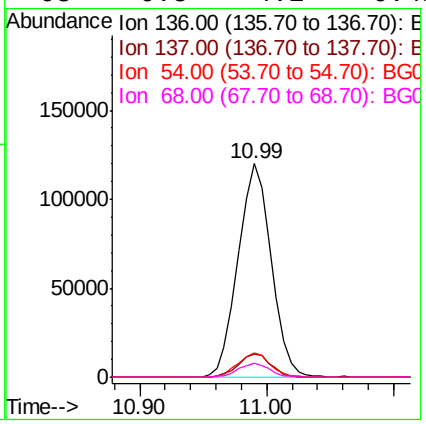


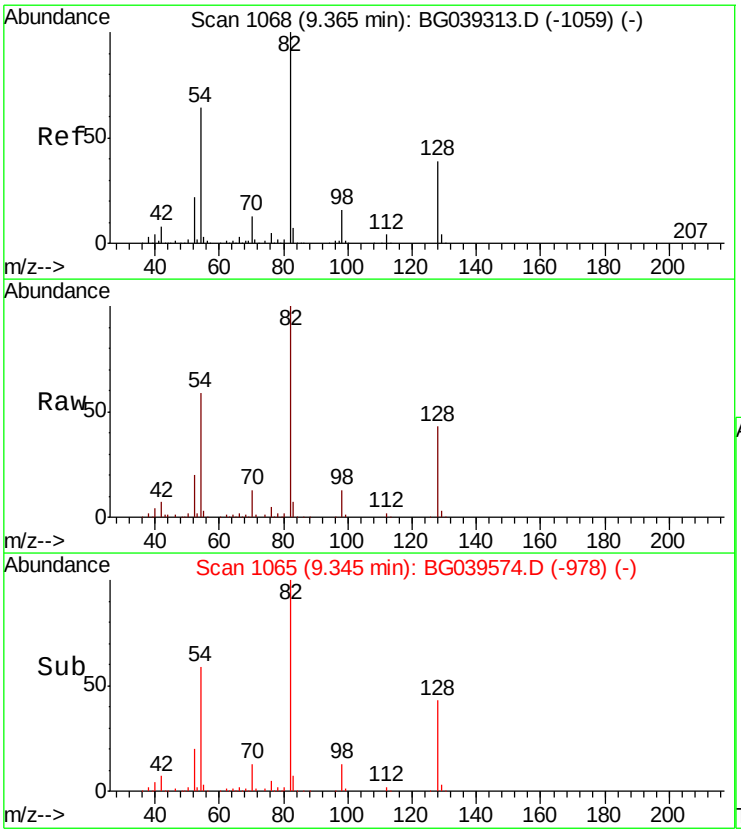
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:136 Resp: 217887

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.2	9.4	14.2
68	6.5	4.2	6.4#

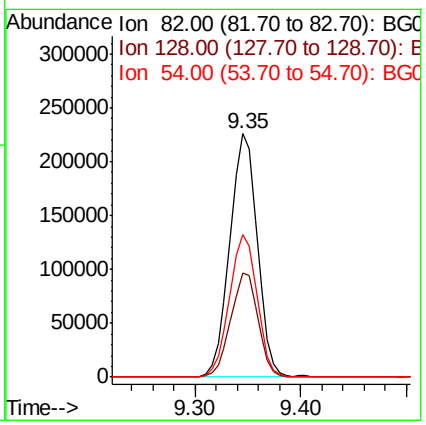


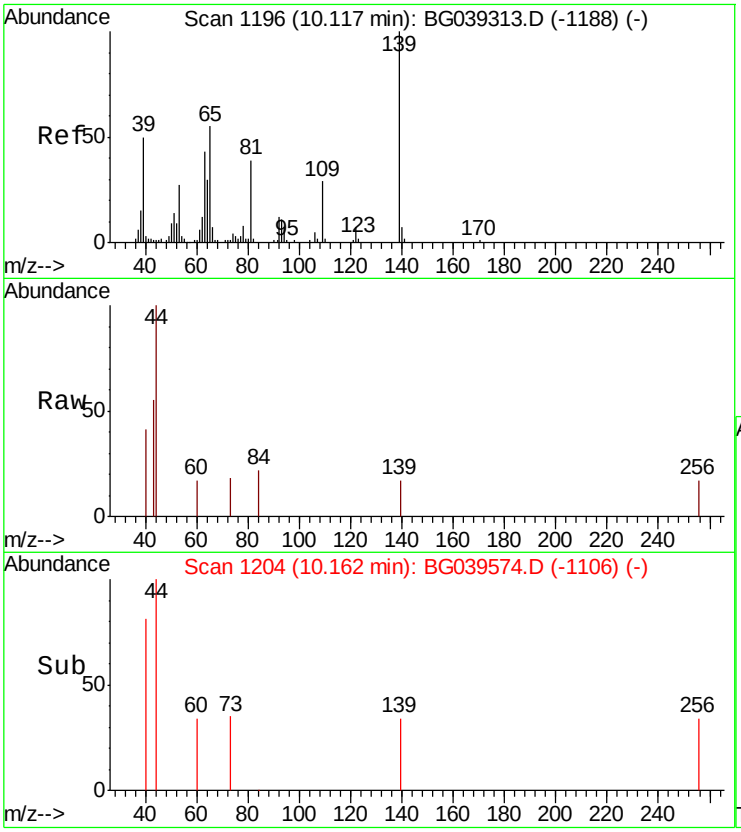


#23
Nitrobenzene-d5
Concen: 116.457 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion: 82 Resp: 406177

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.7	50.9	76.3



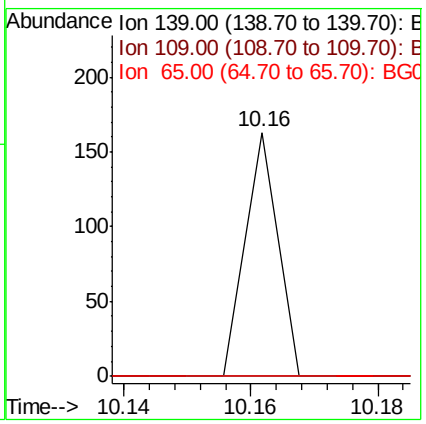


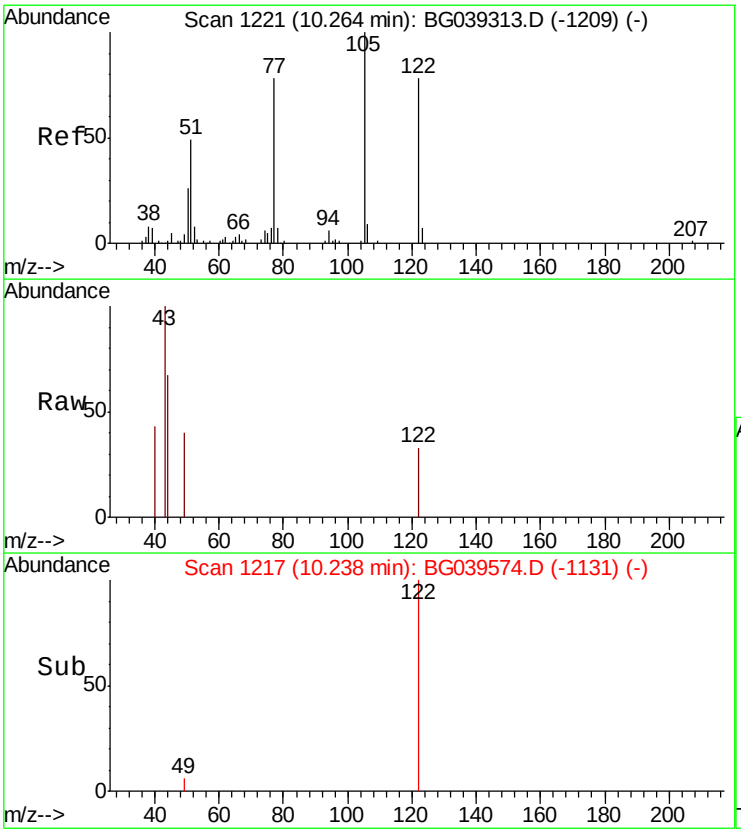
#26
2-Nitrophenol
Concen: 4.051 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.05 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#

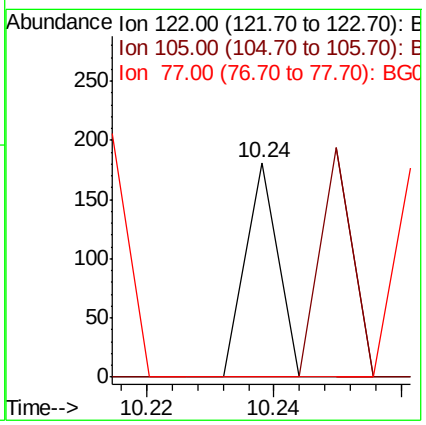


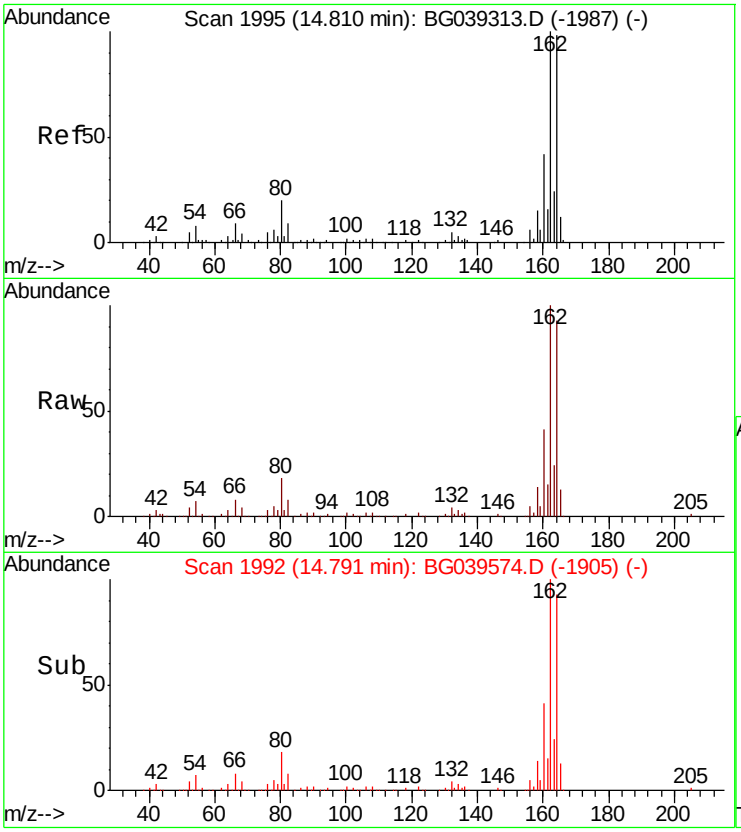


#32
Benzoic acid
Concen: 9.046 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:122 Resp: 64

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



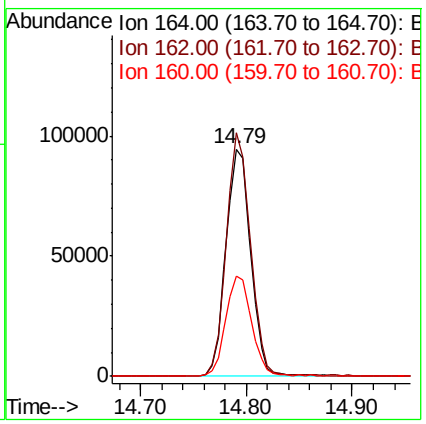


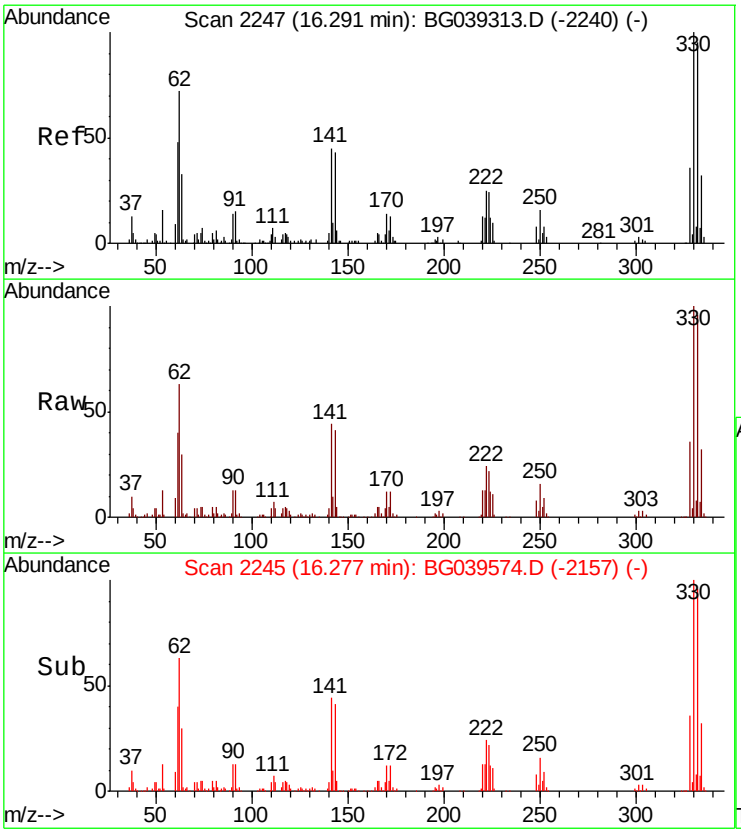
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:164 Resp: 153102

Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.6	122.4
160	43.8	34.2	51.2

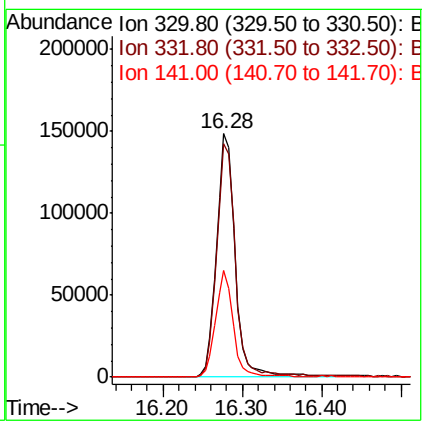


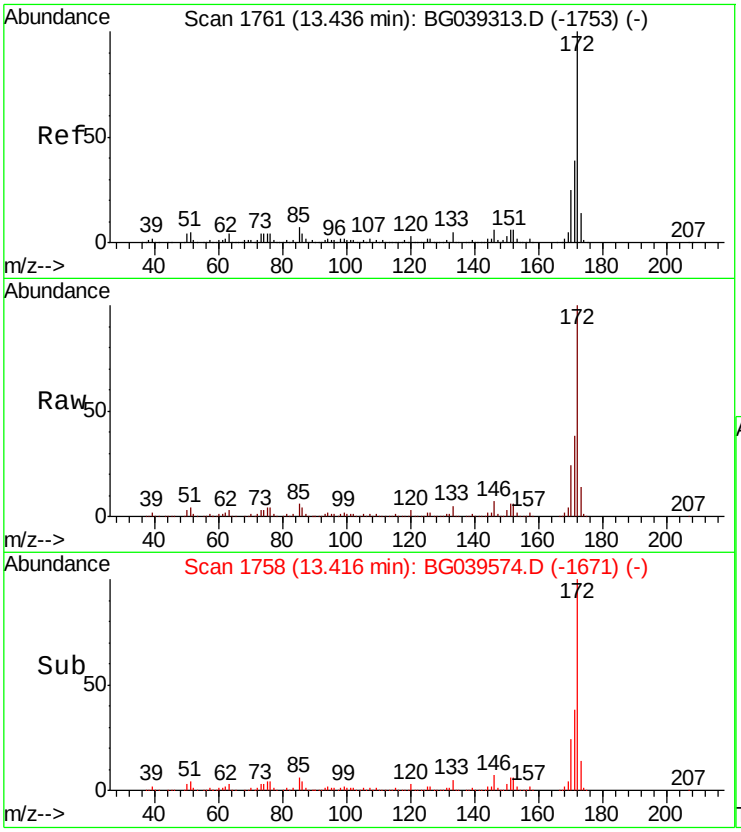


#42
2,4,6-Tribromophenol
Concen: 148.071 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:330 Resp: 244116

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	41.2	35.6	53.4



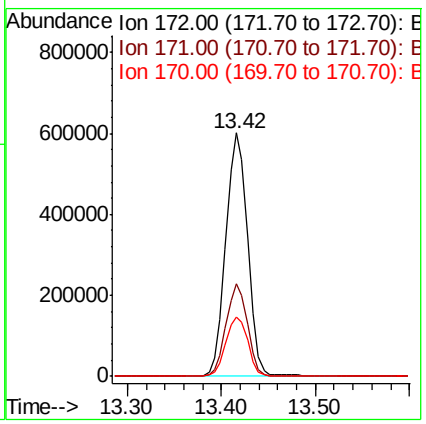


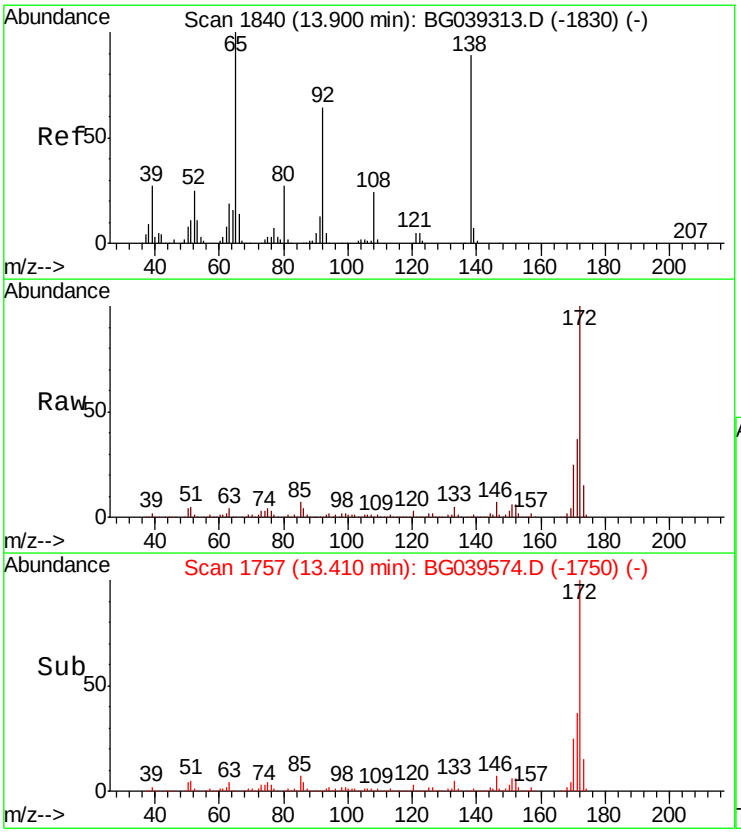
#45
2-Fluorobiphenyl
Concen: 90.987 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:172 Resp: 971054

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.4	20.2	30.4

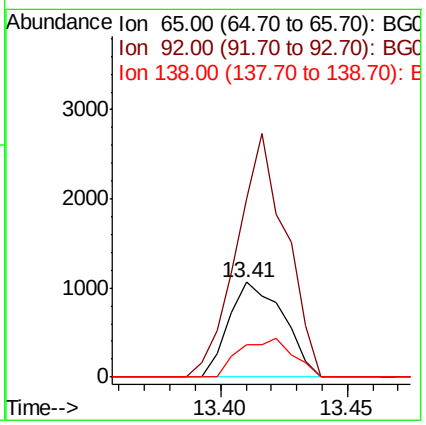


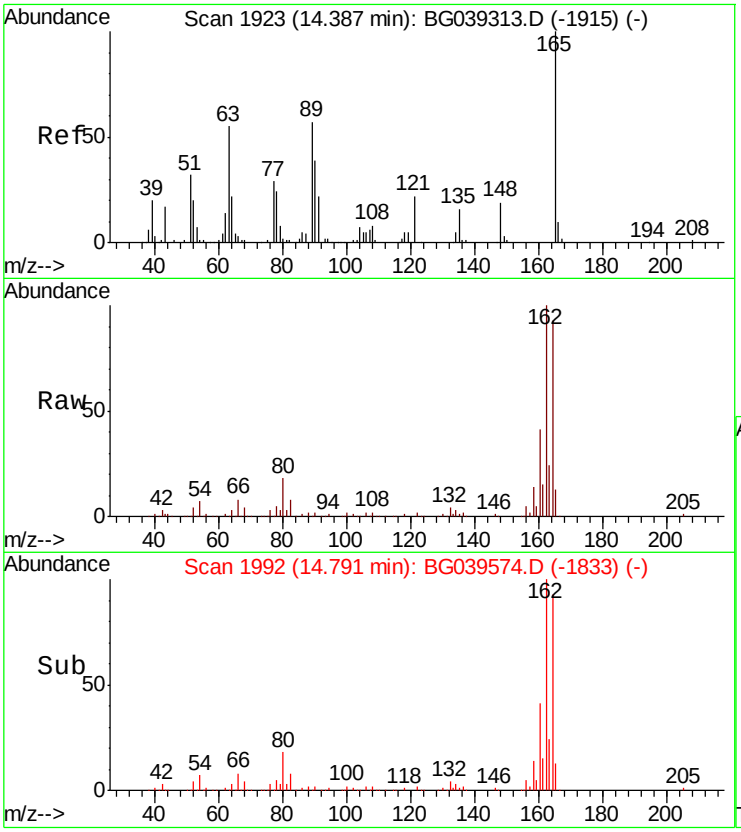


#48
2-Nitroaniline
Concen: 8.776 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.49 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion: 65 Resp: 1596

Ion	Ratio	Lower	Upper
65	100		
92	188.6	51.4	77.2#
138	34.2	71.4	107.2#



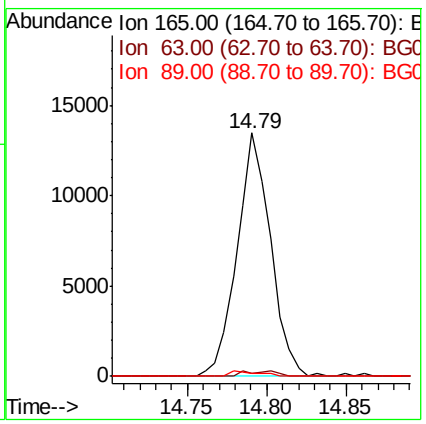


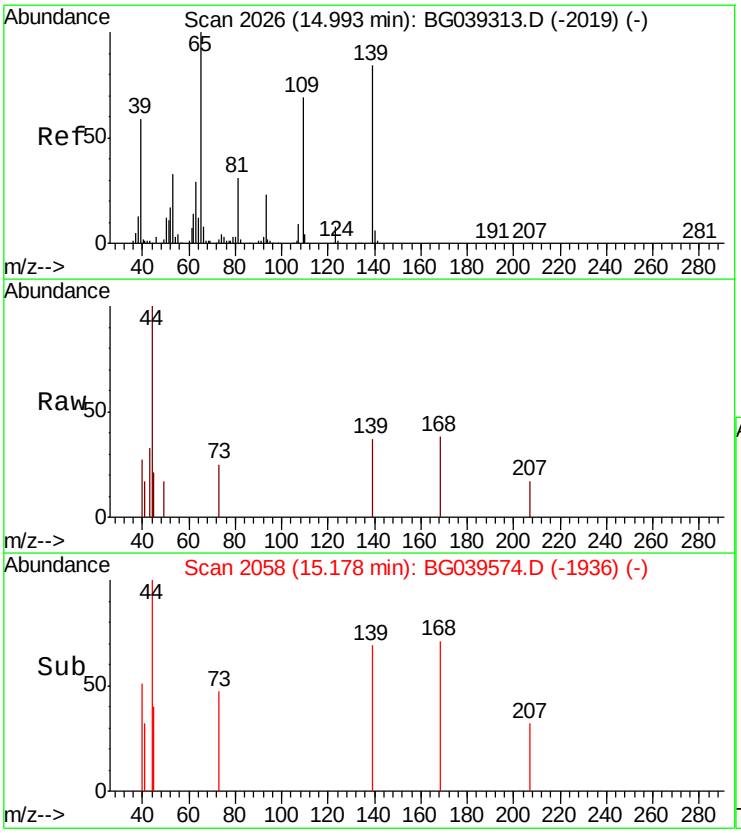
#51
2,6-Dinitrotoluene
Concen: 13.913 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:165 Resp: 19684

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.0	70.6#
89	1.5	45.8	68.8#

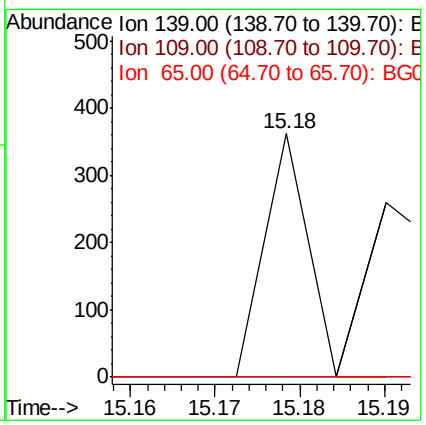


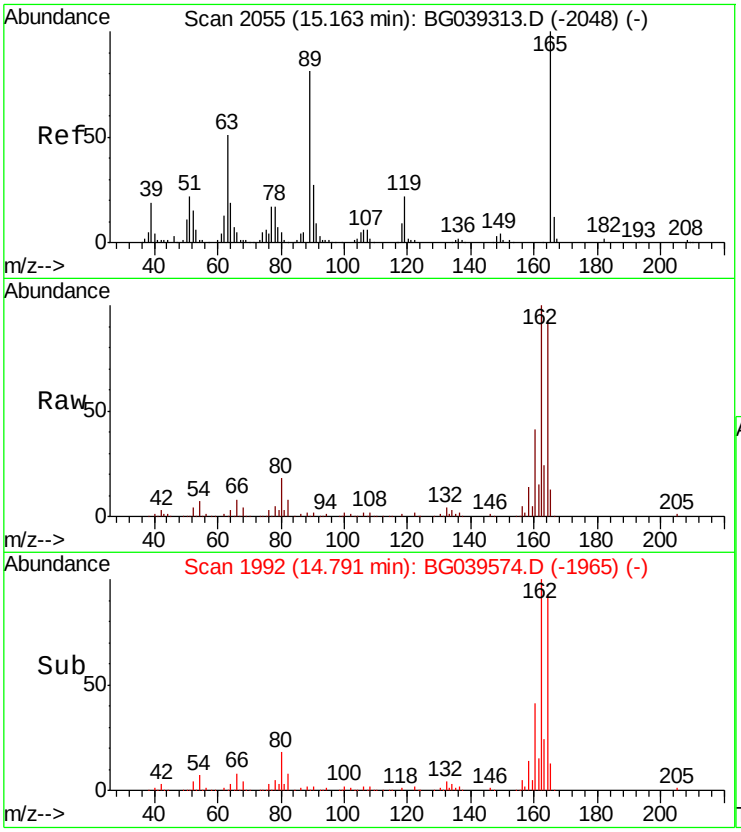


#56
4-Nitrophenol
Concen: 5.847 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.19 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:139 Resp: 128

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



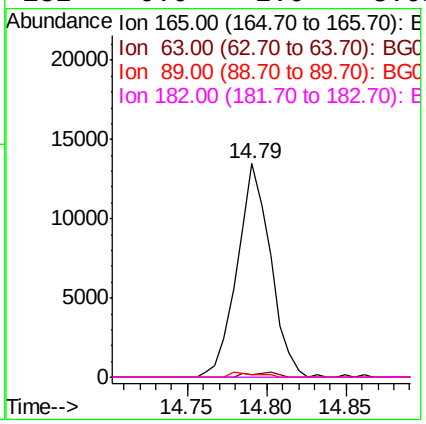


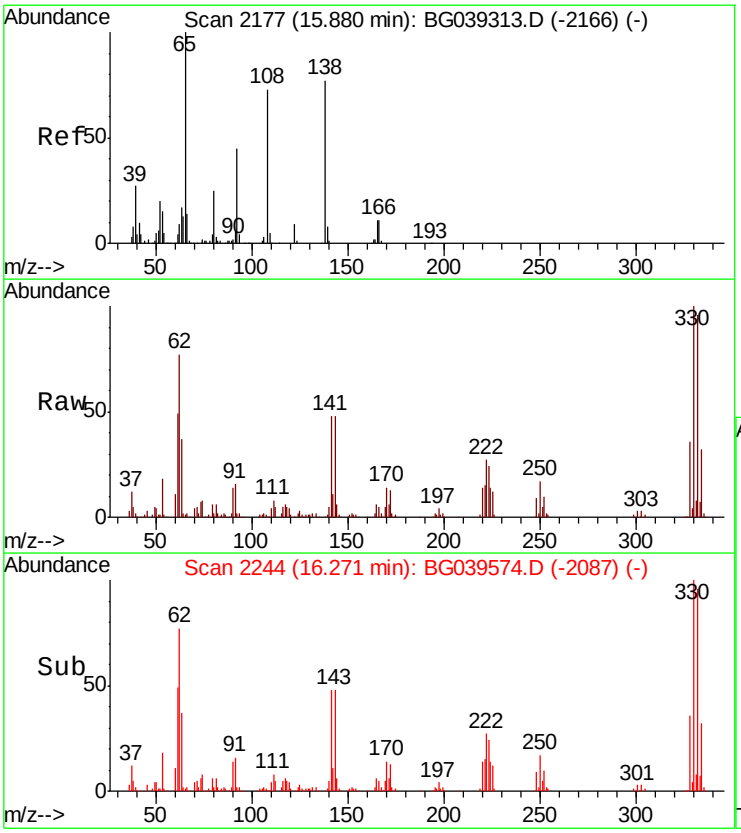
#57
2,4-Dinitrotoluene
Concen: 13.391 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:165 Resp: 19684

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.0	61.6#
89	1.5	64.6	96.8#
182	0.0	2.0	3.0#

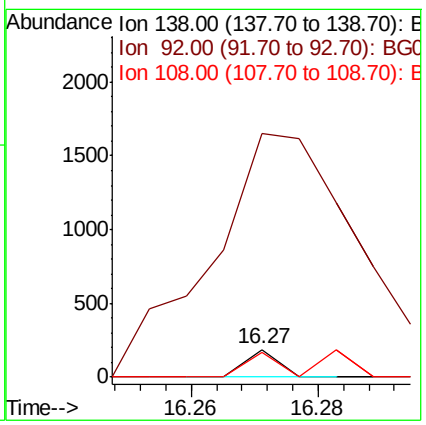


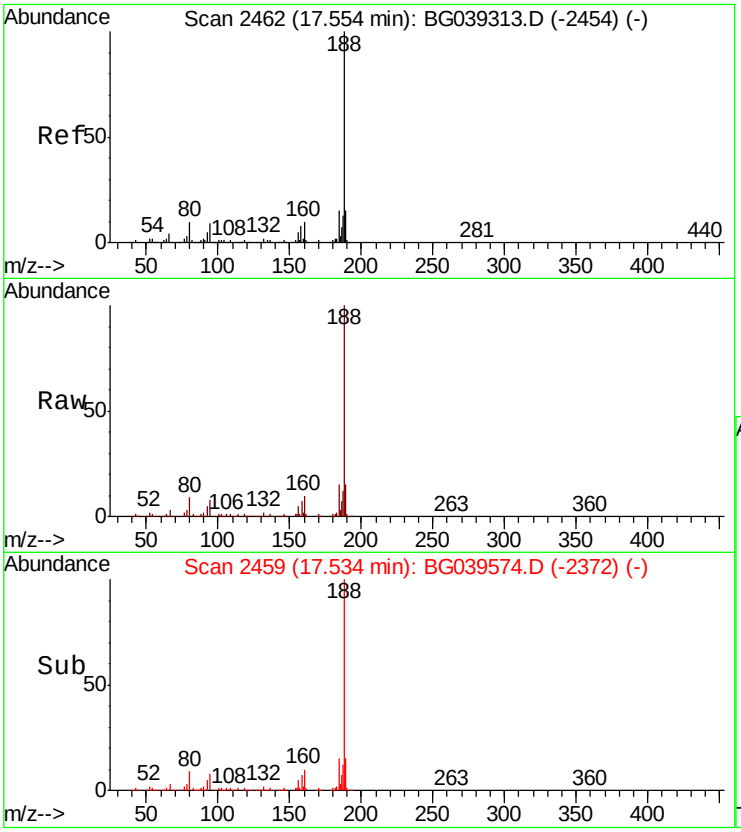


#62
4-Nitroaniline
Concen: 4.226 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.39 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:138 Resp: 66

Ion	Ratio	Lower	Upper
138	100		
92	882.9	38.7	78.7#
108	90.9	74.6	114.6



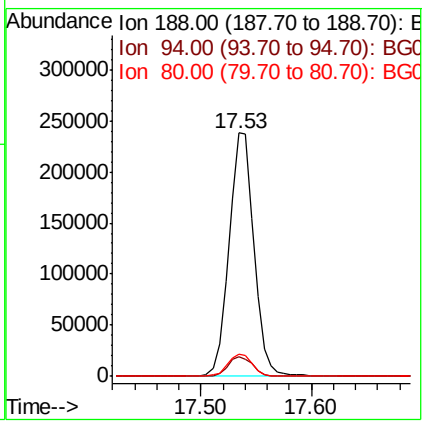


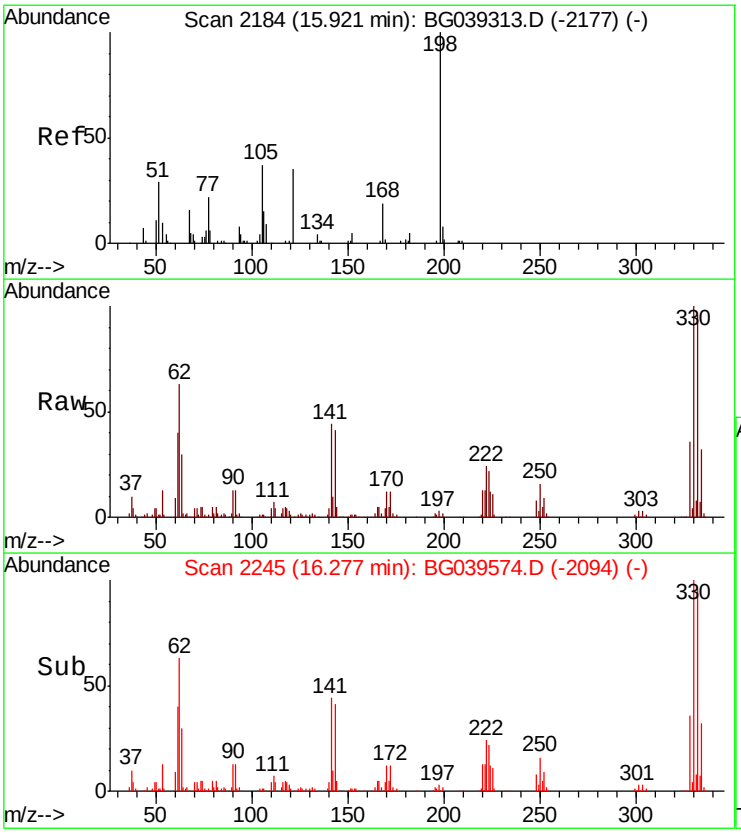
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:188 Resp: 376478

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.2	8.1	12.1

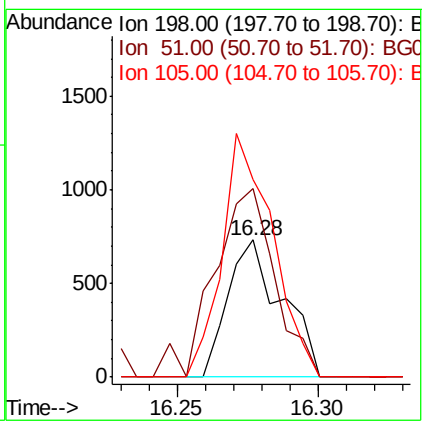


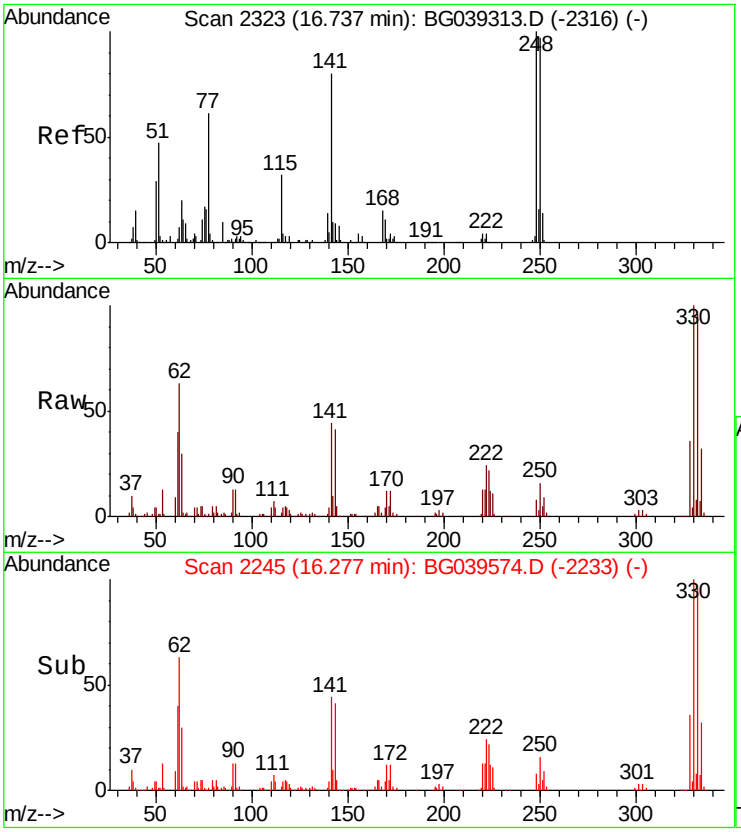


#65
4,6-Dinitro-2-methylphenol
Concen: 5.001 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:198 Resp: 970

Ion	Ratio	Lower	Upper
198	100		
51	138.2	27.4	67.4#
105	144.5	19.7	59.7#



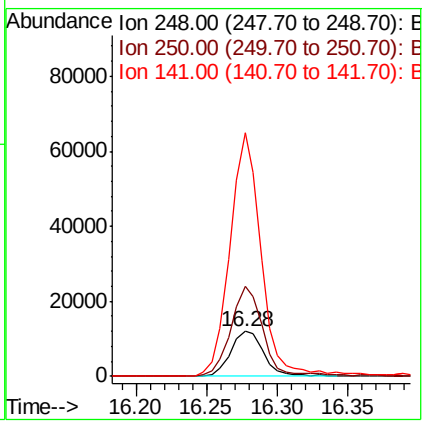


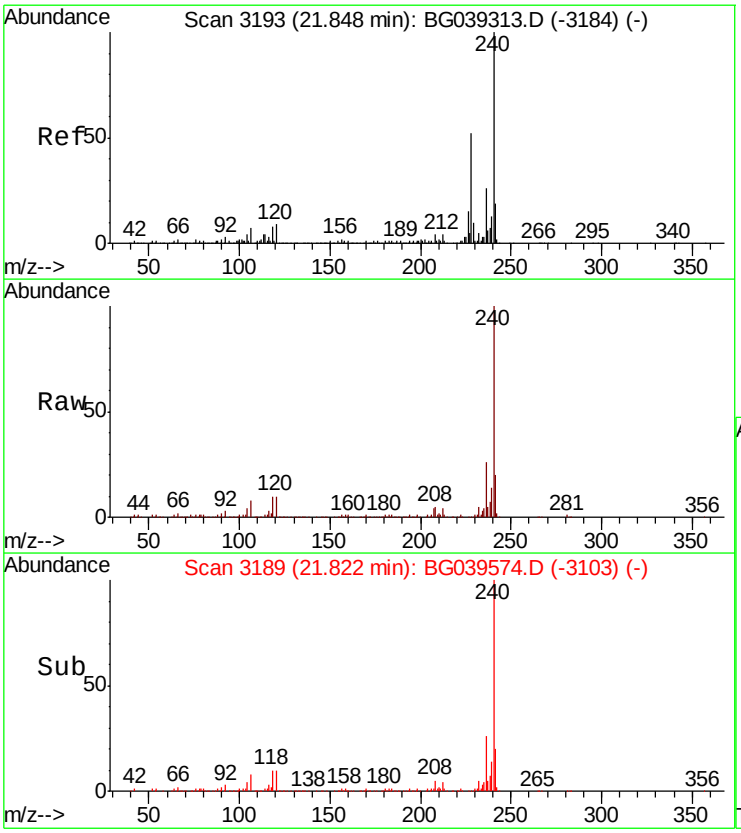
#67
4-Bromophenyl-phenylether
Concen: 4.723 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:248 Resp: 19727

Ion	Ratio	Lower	Upper
248	100		
250	201.0	77.6	116.4#
141	540.2	63.9	95.9#

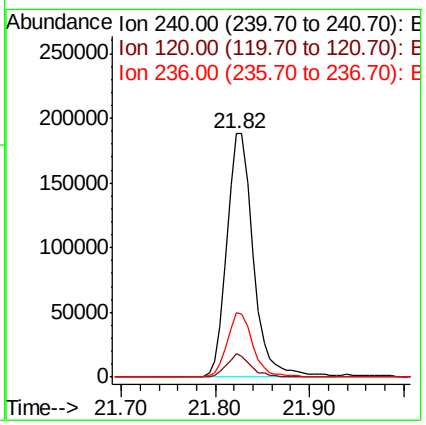


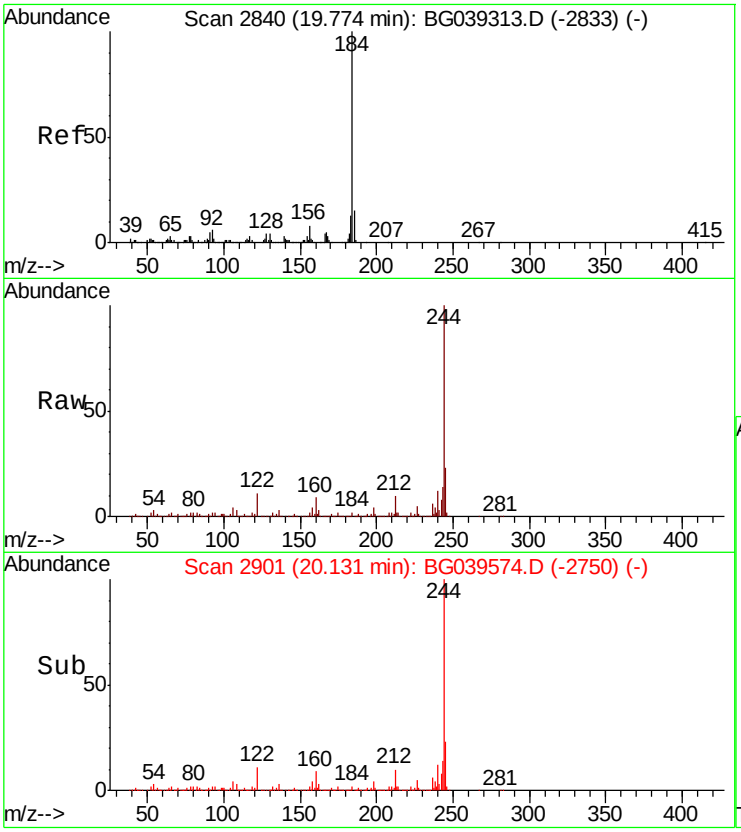


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:240 Resp: 369188

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.0	10.6
236	26.4	21.0	31.4



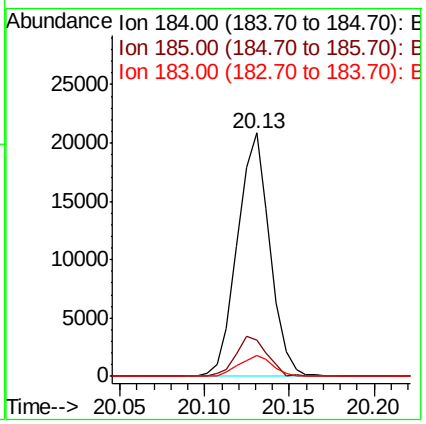


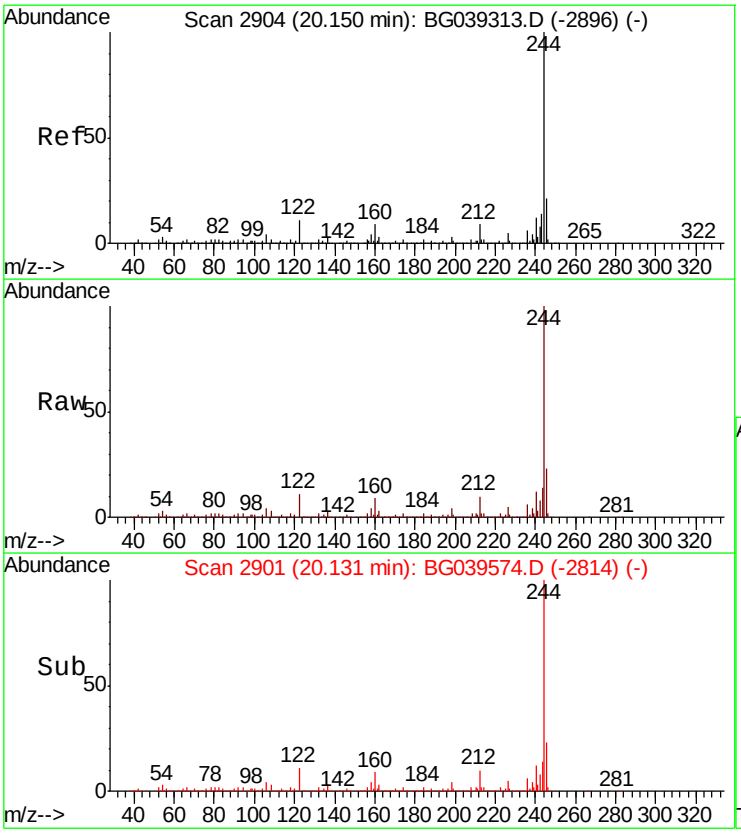
#77
Benzidine
Concen: 2.304 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:184 Resp: 27883

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	8.8	10.6	15.8#

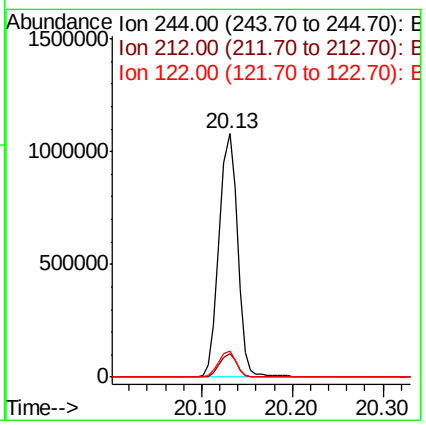


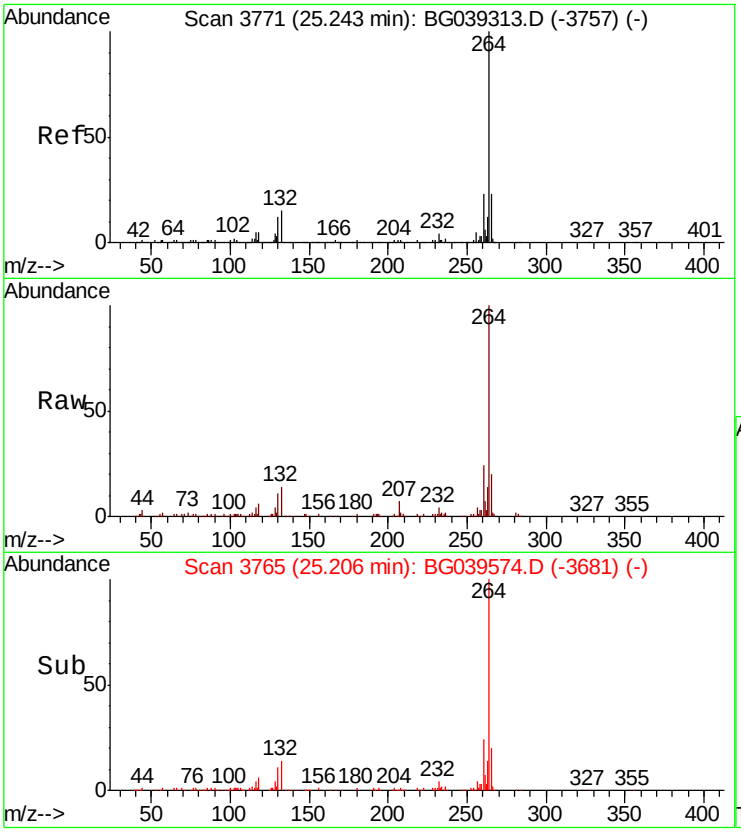


#79
Terphenyl-d14
Concen: 88.149 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039574.D
Acq: 21 Feb 2019 16:51

Tgt Ion:244 Resp: 1537478

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.6	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: BG039574.D
Acq: 21 Feb 2019 16:51

Instrument :
BNA_G
ClientSampleId :
OR-02-021919-B

Tgt Ion:264 Resp: 296928

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	19.6	18.5	27.7