Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039412.D
Acq On : 8 Feb 2019 11:22
Operator : JU/SJ
Sample : K1401-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-3451

Quant Time: Feb 08 13:16:40 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	8.18	152	50911	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	214555	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	141247	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	345404	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	374850	20.00	ng	-0.02
87) Perylene-d12	25.22	264	352912	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	425551	143.06	ng	0.00
7) Phenol-d6	7.32	99	553247	126.35	ng	0.00
23) Nitrobenzene-d5	9.35	82	403743	117.56	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	204358	134.36	ng	-0.01
45) 2-Fluorobiphenyl	13.43	172	980129	99.55	ng	-0.01
79) Terphenyl-d14	20.14	244	1585039	89.50	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1074	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	53469	17.21	ng	# 67
26) 2-Nitrophenol	9.72	139	74	4.07	ng	# 31
48) 2-Nitroaniline	13.42	65	1852	8.90	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	19092	14.29	ng	# 24
56) 4-Nitrophenol	15.19	139	569	6.05	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	19092	13.68	ng	# 19
62) 4-Nitroaniline	16.02	138	59	4.23	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.29	198	687	4.81	ng	# 52
67) 4-Bromophenyl-phenylether	16.28	248	14844	3.87	ng	# 1
77) Benzidine	20.13	184	28783	2.34	ng	# 96

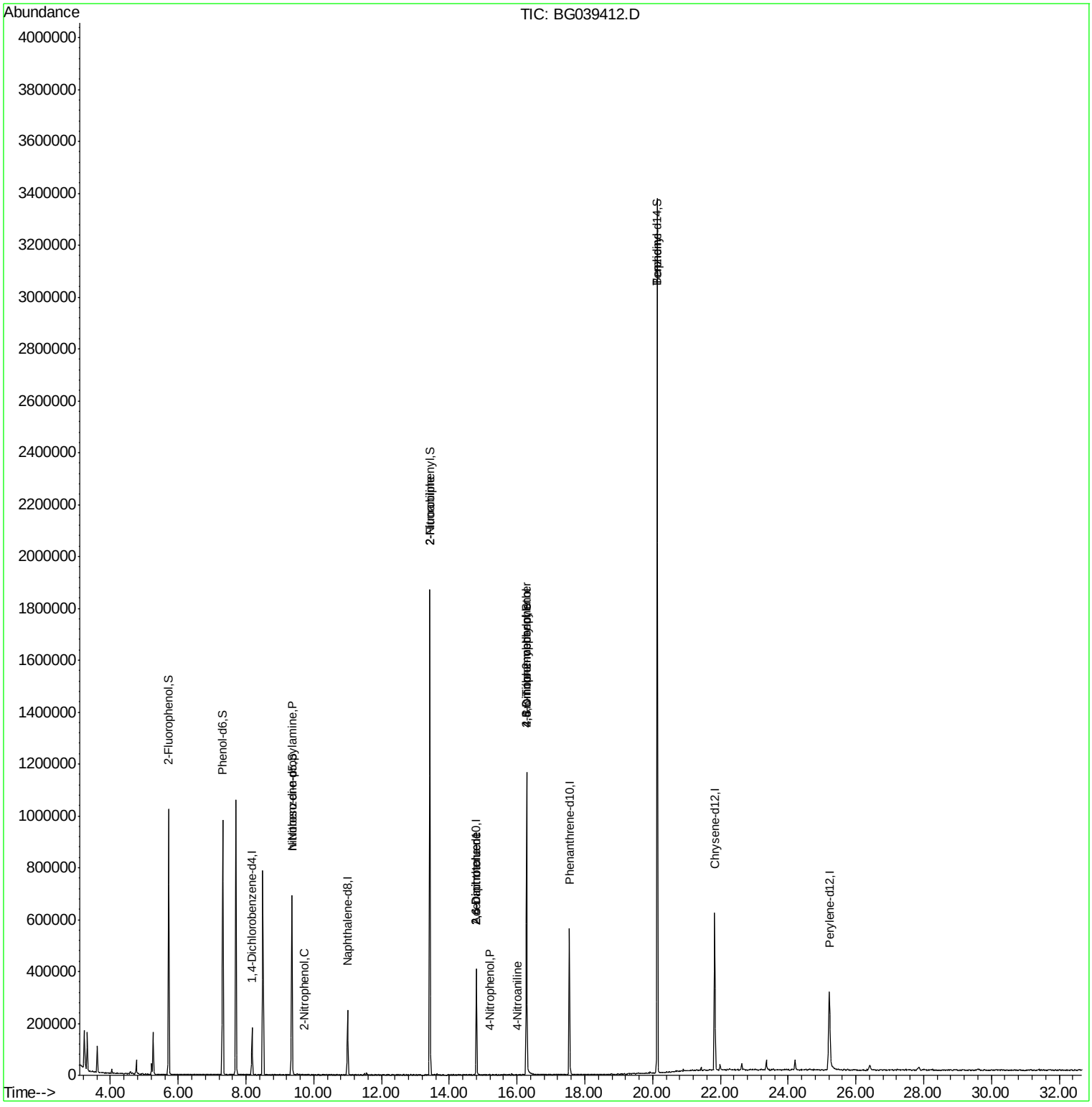
(#) = qualifier out of range (m) = manual integration (+) = signals summed

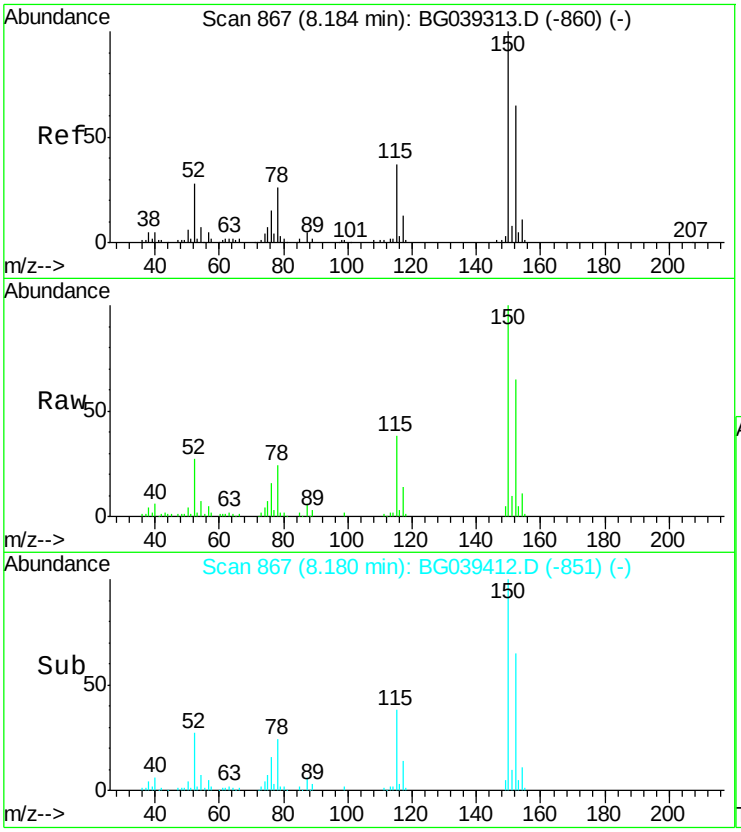
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039412.D
Acq On : 8 Feb 2019 11:22
Operator : JU/SJ
Sample : K1401-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-3451

Quant Time: Feb 08 13:16:40 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



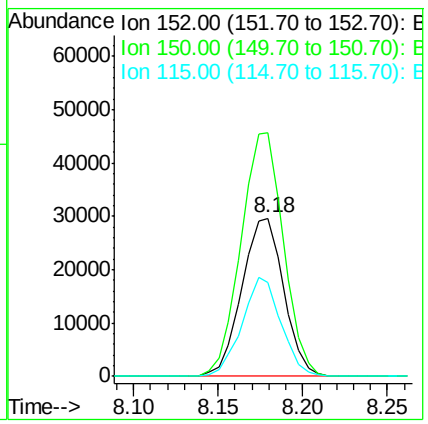


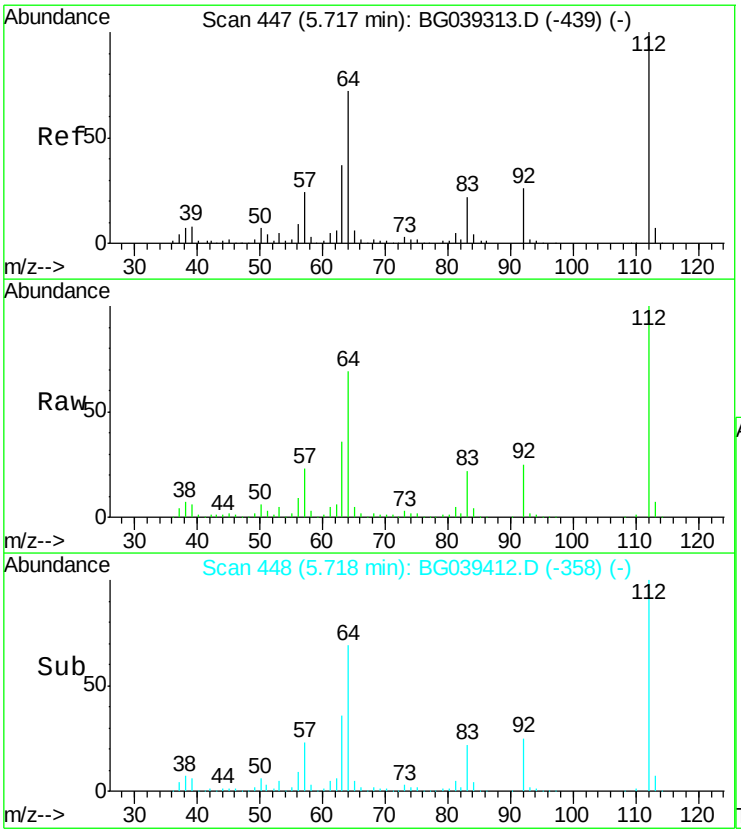
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:152 Resp: 50911

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	59.0	45.9	68.9

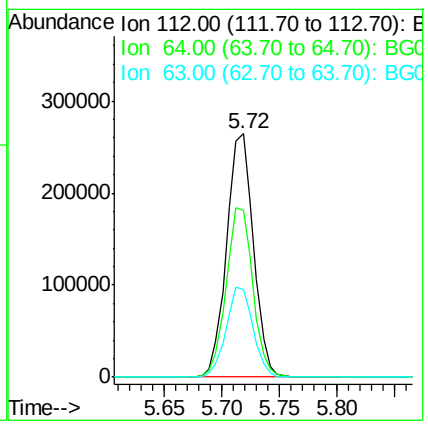


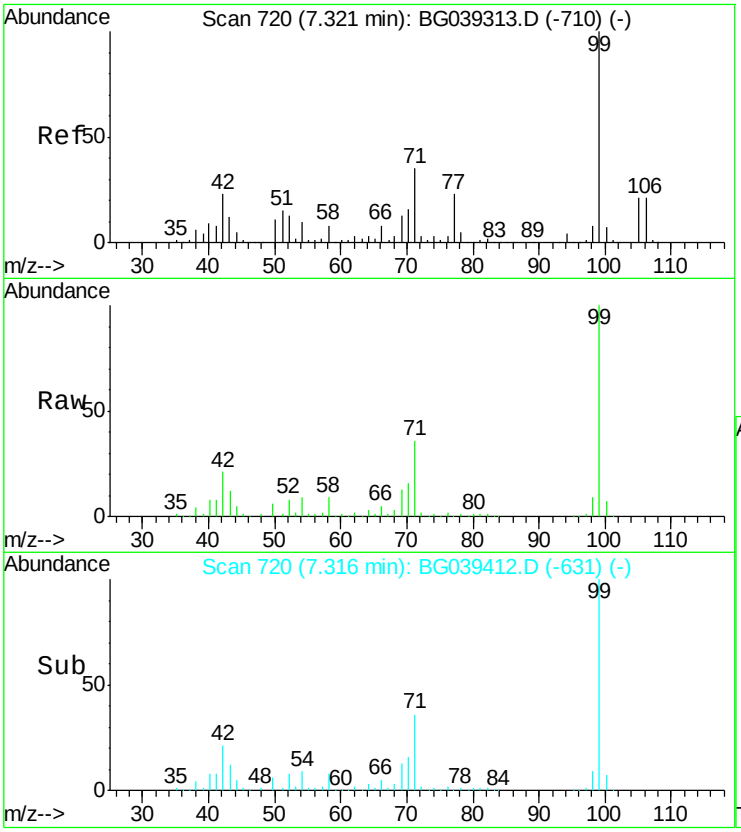


#5
2-Fluorophenol
Concen: 143.06 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:112 Resp: 425551

Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.8	86.8
63	36.0	29.8	44.6



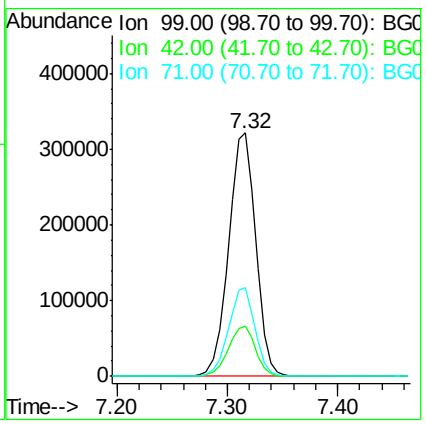


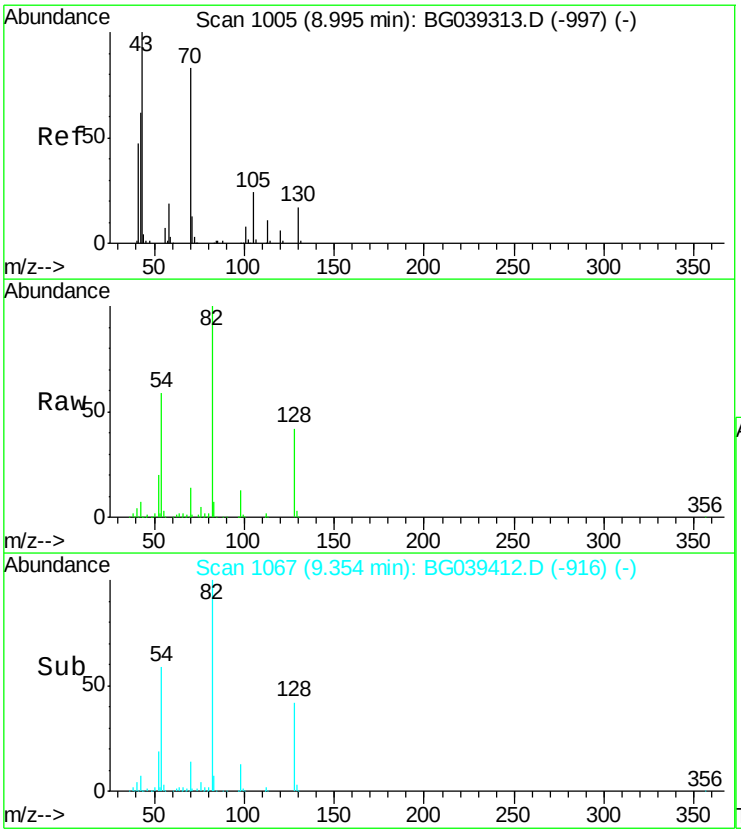
#7
Phenol-d6
Concen: 126.35 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion: 99 Resp: 553247

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.2
71	36.3	28.0	42.0

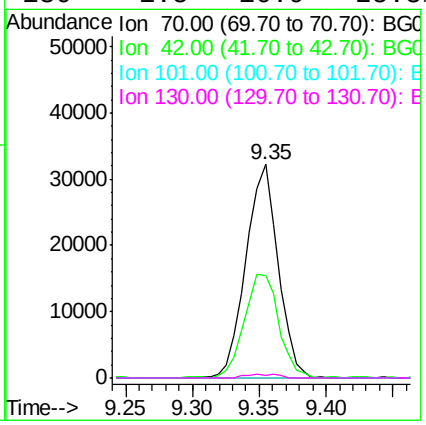


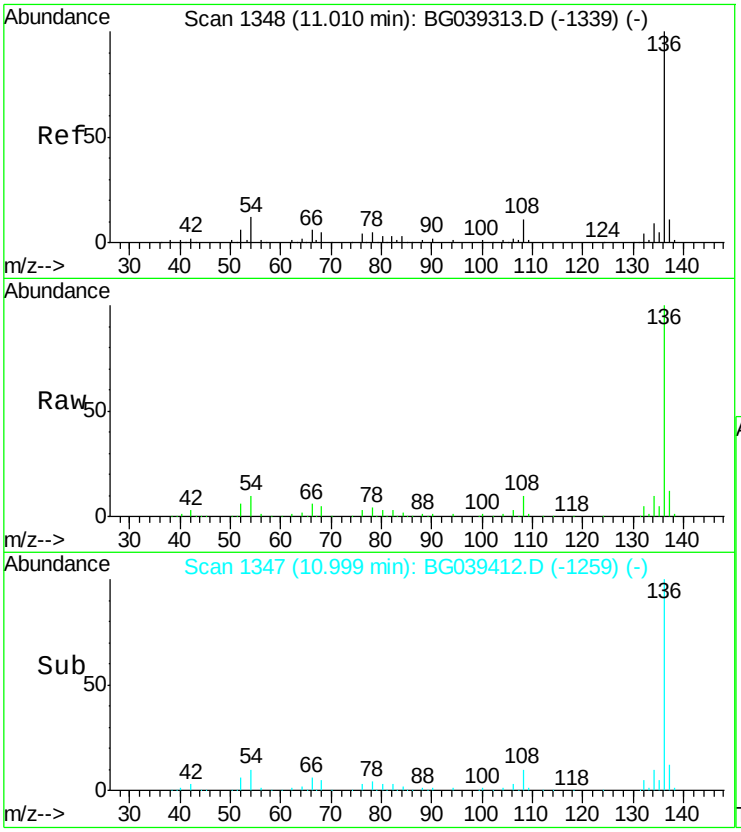


#19
n-Nitroso-di-n-propylamine
Concen: 17.21 ng
RT: 9.35 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion: 70 Resp: 53469

Ion	Ratio	Lower	Upper
70	100		
42	48.2	60.4	90.6#
101	0.0	7.5	11.3#
130	1.5	16.9	25.3#



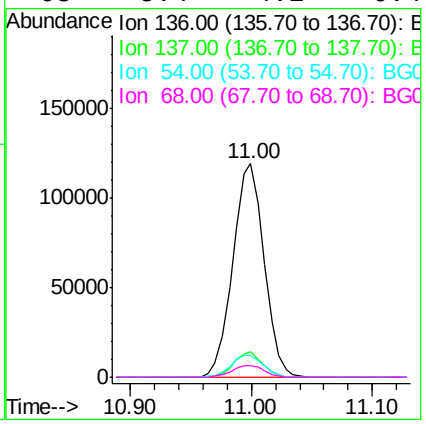


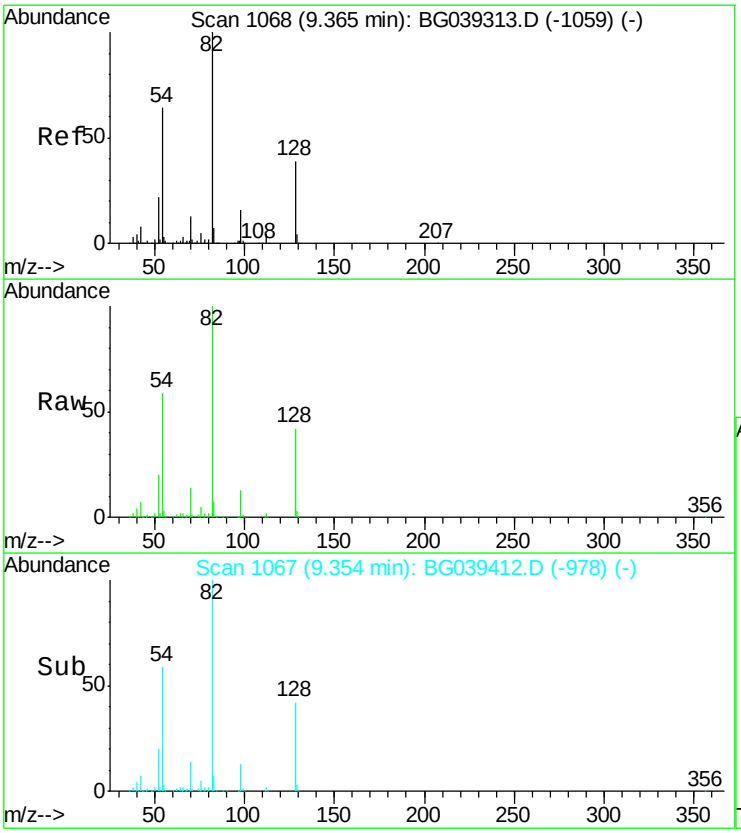
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument : BNA_G
ClientSampleId : RT-3451

Tgt Ion:136 Resp: 214555

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	10.5	9.4	14.2
68	5.4	4.2	6.4

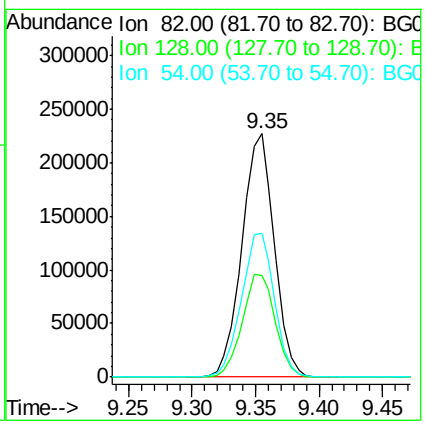


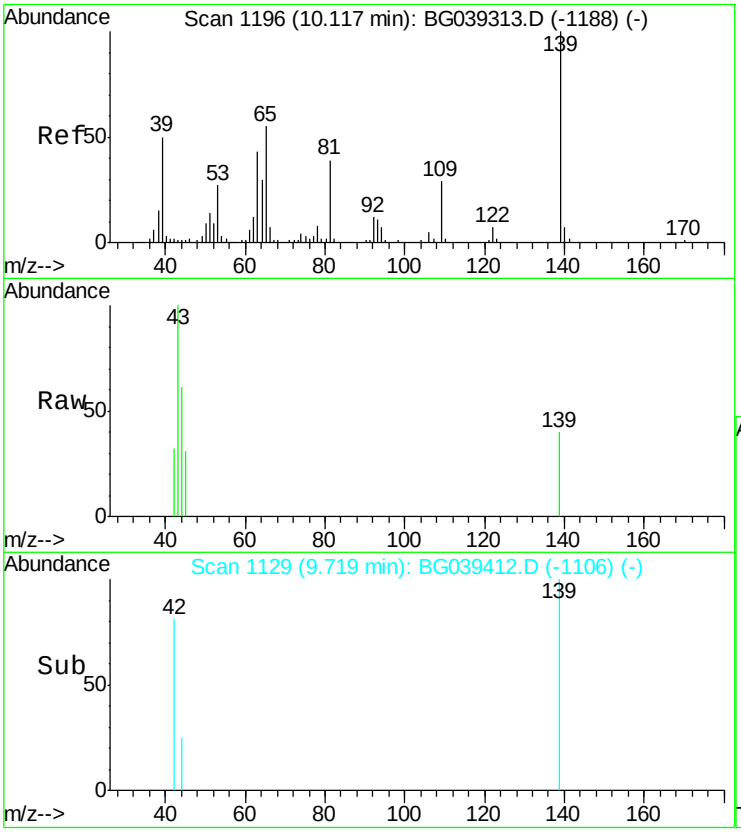


#23
Nitrobenzene-d5
Concen: 117.56 ng
RT: 9.35 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion: 82 Resp: 403743

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	59.3	50.9	76.3



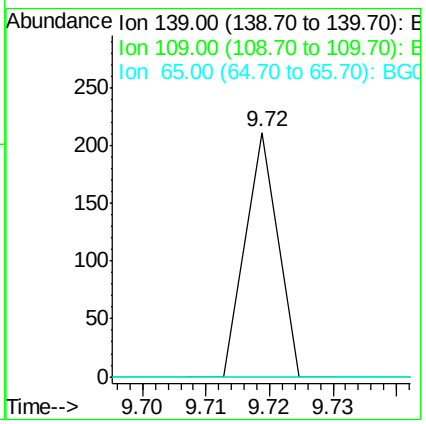


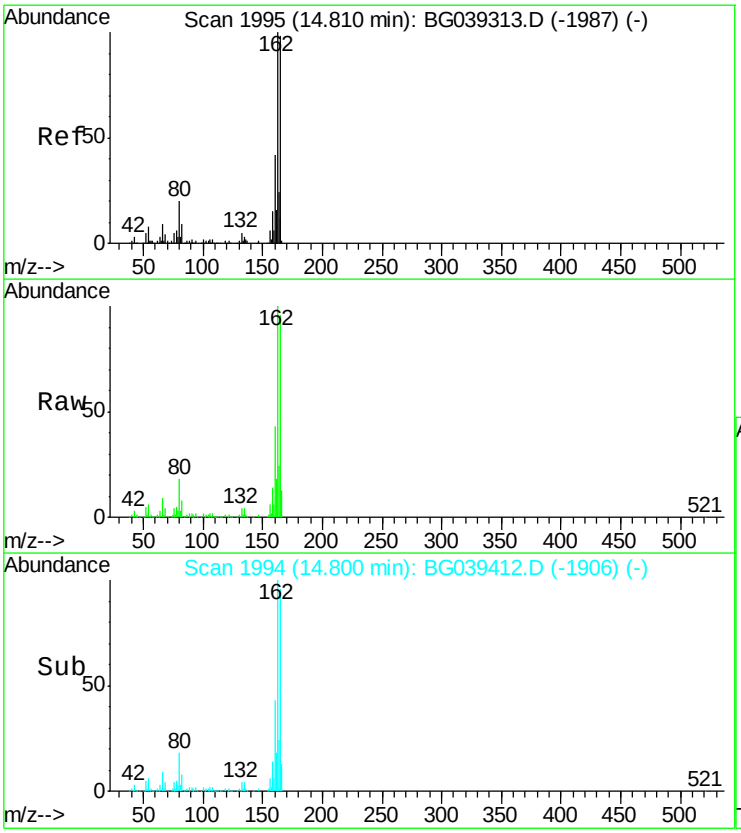
#26
2-Nitrophenol
Concen: 4.07 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.40 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:139 Resp: 74

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

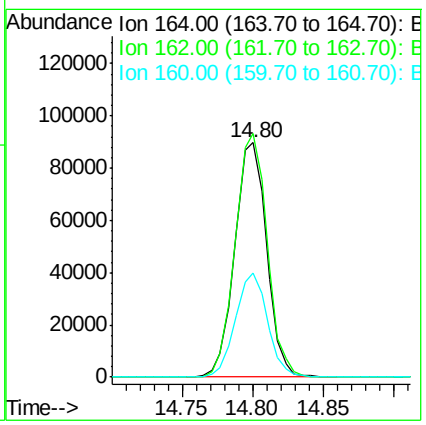


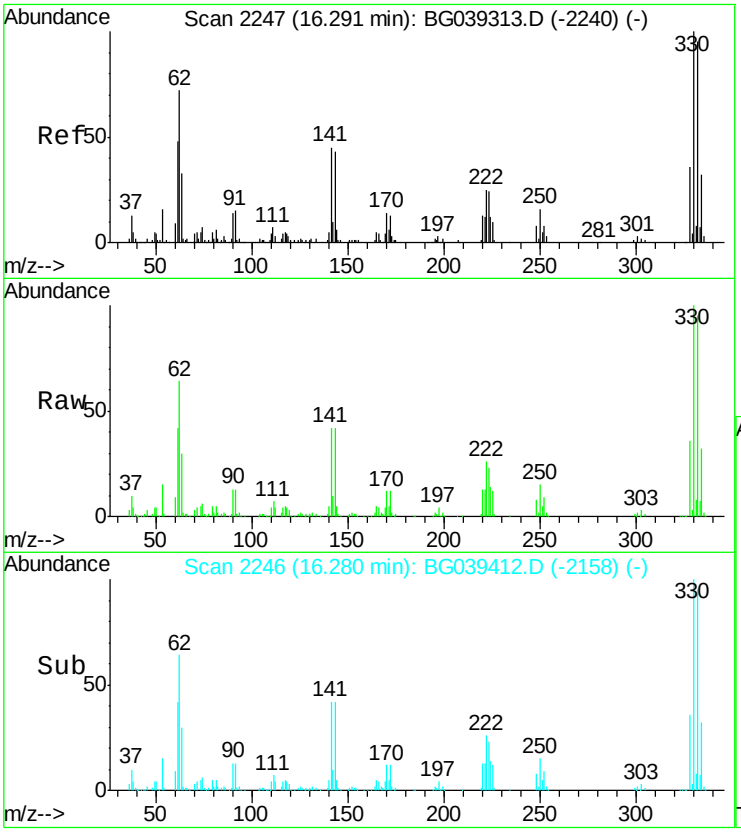


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:164 Resp: 141247

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.6	122.4
160	44.3	34.2	51.2



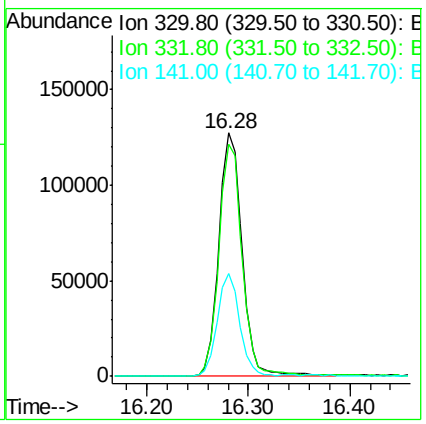


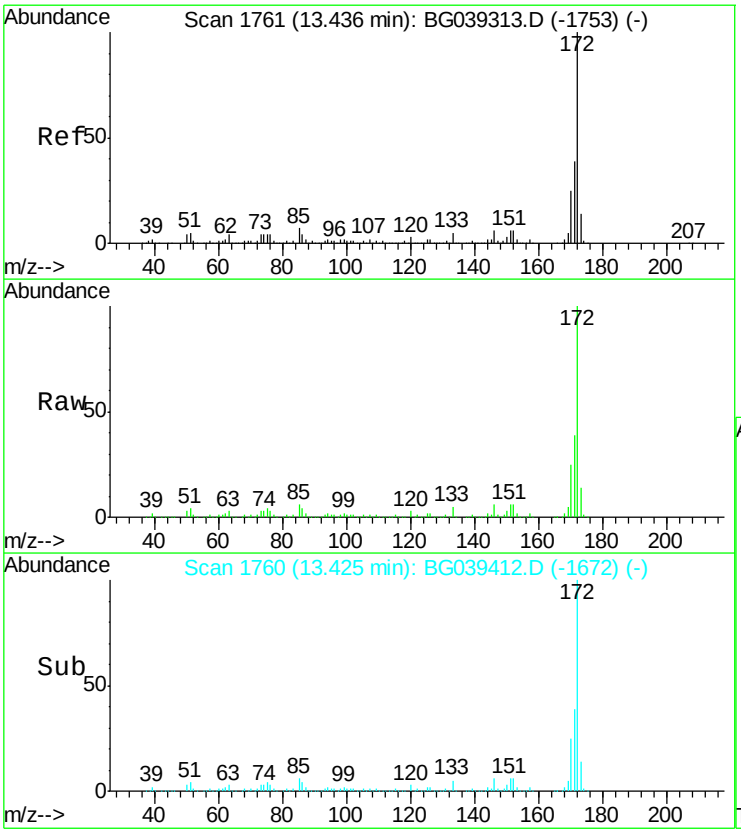
#42
2,4,6-Tribromophenol
Concen: 134.36 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:330 Resp: 204358

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	40.6	35.6	53.4

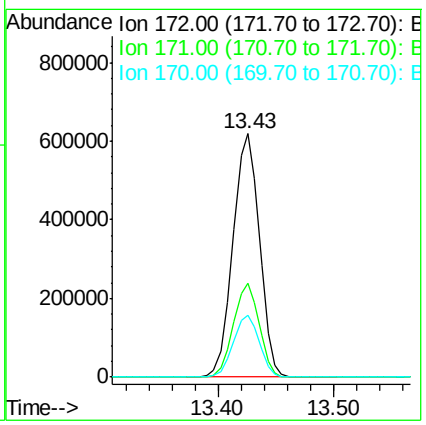


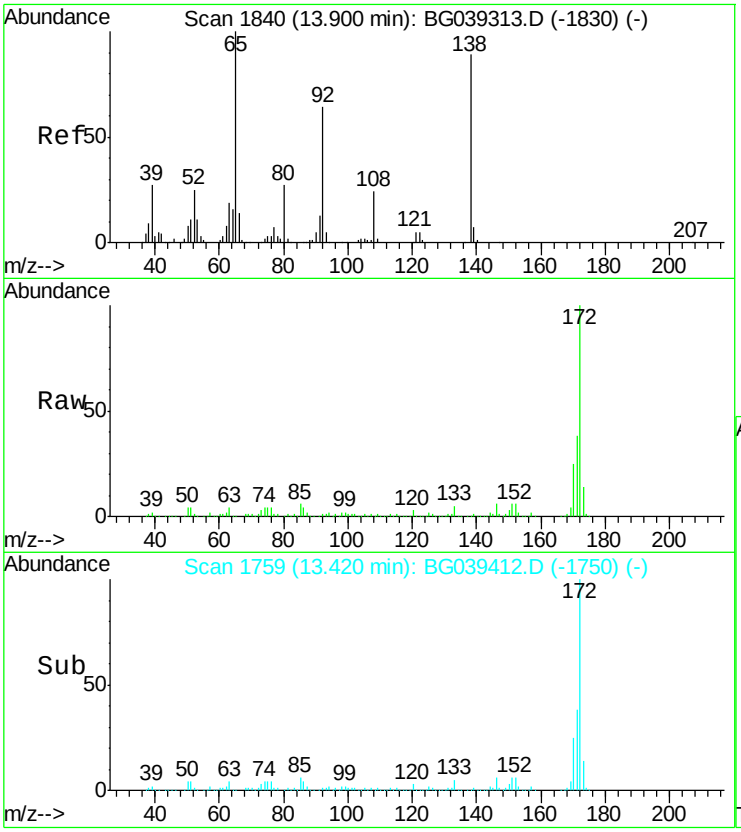


#45
2-Fluorobiphenyl
Concen: 99.55 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:172 Resp: 980129

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.2	20.2	30.4



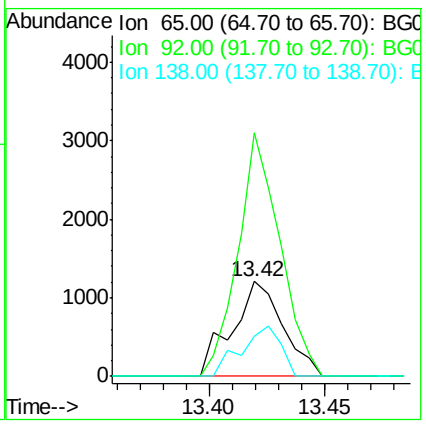


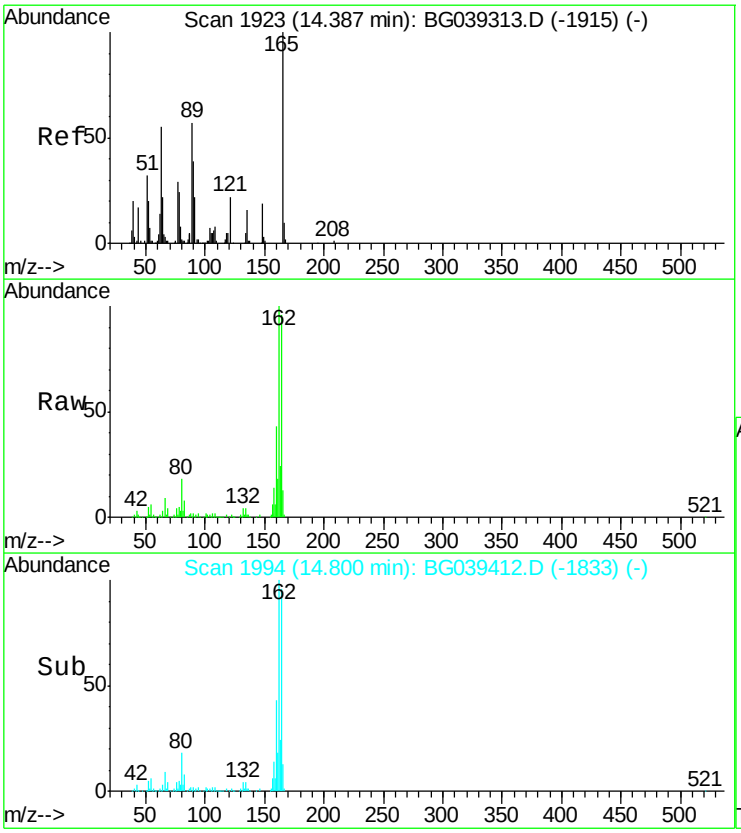
#48
2-Nitroaniline
Concen: 8.90 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument : BNA_G
ClientSampleId : RT-3451

Tgt Ion: 65 Resp: 1852

Ion	Ratio	Lower	Upper
65	100		
92	257.0	51.4	77.2#
138	42.7	71.4	107.2#

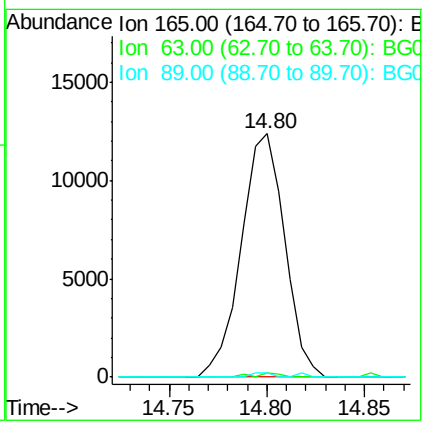


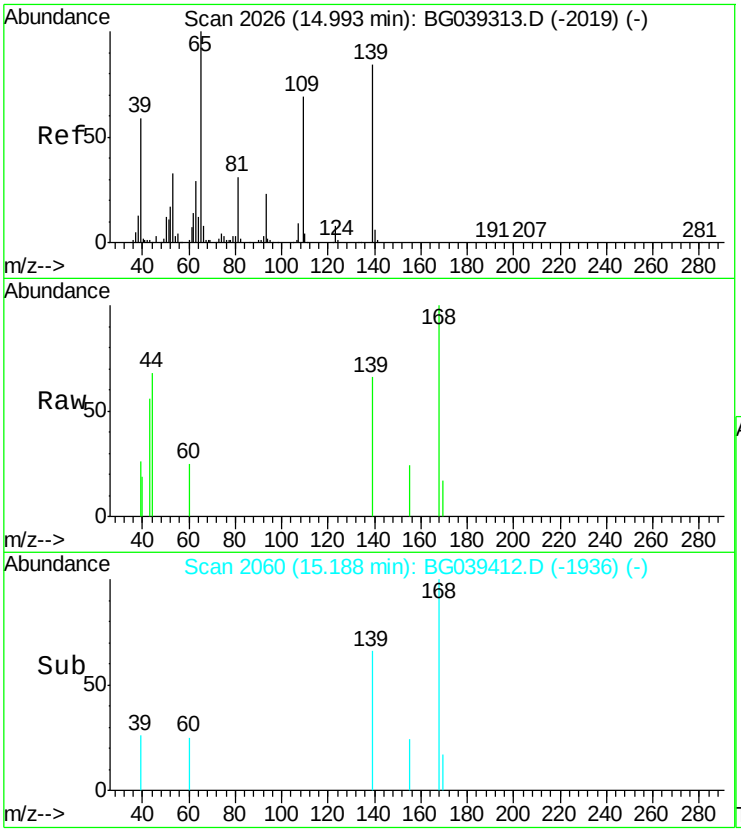


#51
2,6-Dinitrotoluene
Concen: 14.29 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.41 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:165 Resp: 19092

Ion	Ratio	Lower	Upper
165	100		
63	2.0	47.0	70.6#
89	1.8	45.8	68.8#



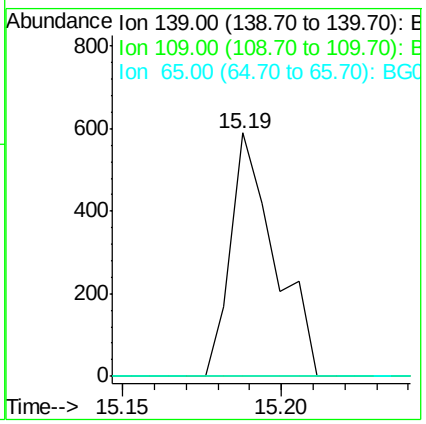


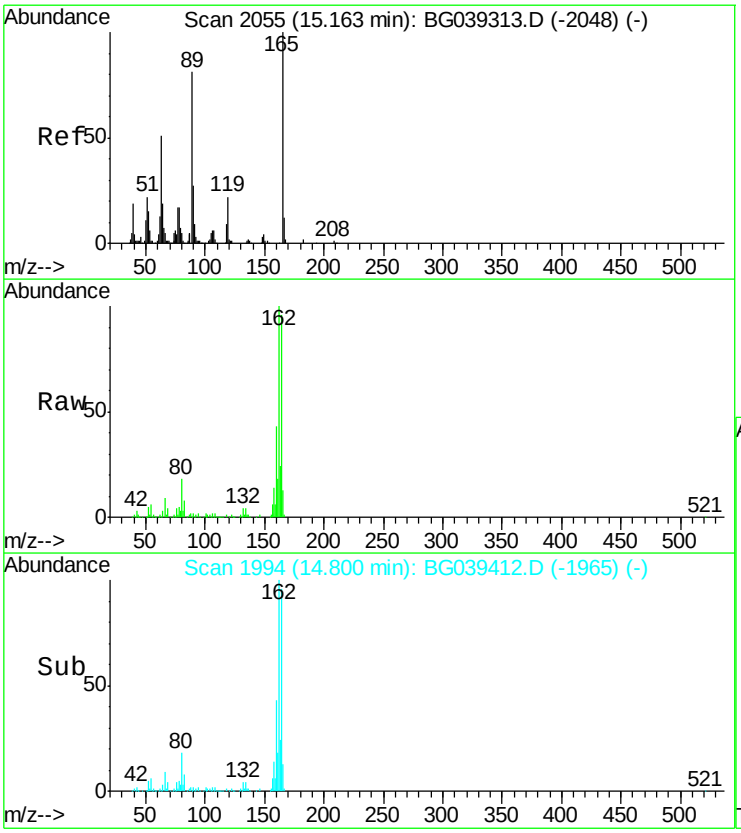
#56
4-Nitrophenol
Concen: 6.05 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:139 Resp: 569

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

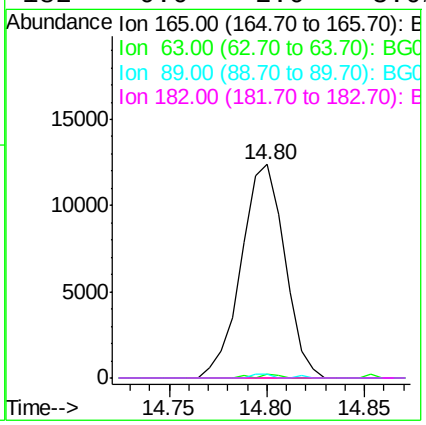


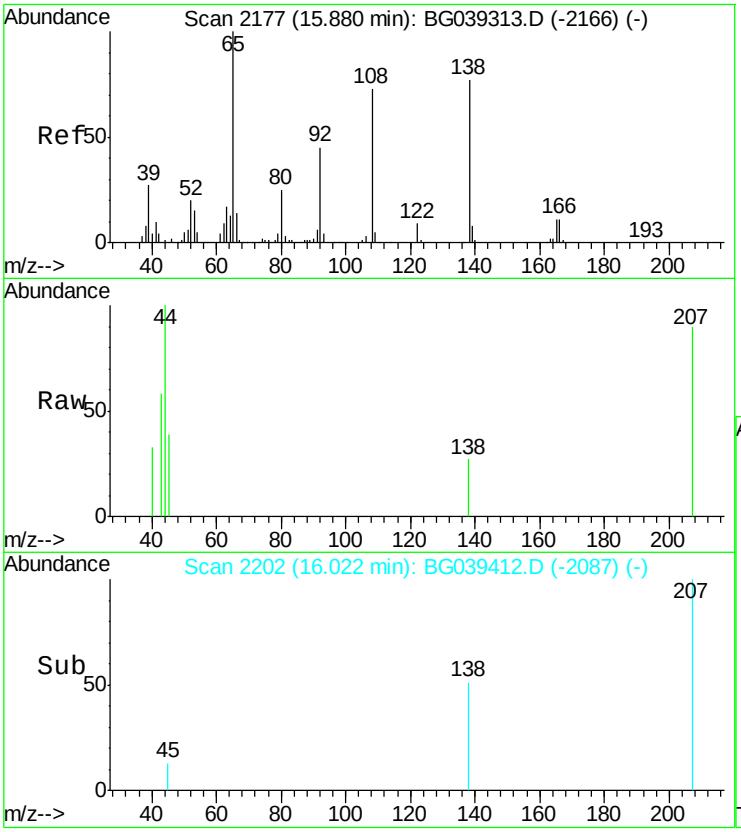


#57
2,4-Dinitrotoluene
Concen: 13.68 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:165 Resp: 19092

Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	1.8	64.6	96.8#
182	0.0	2.0	3.0#



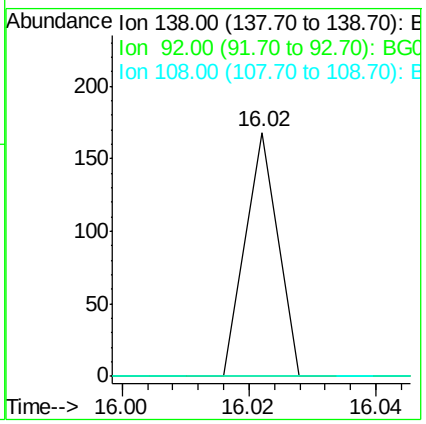


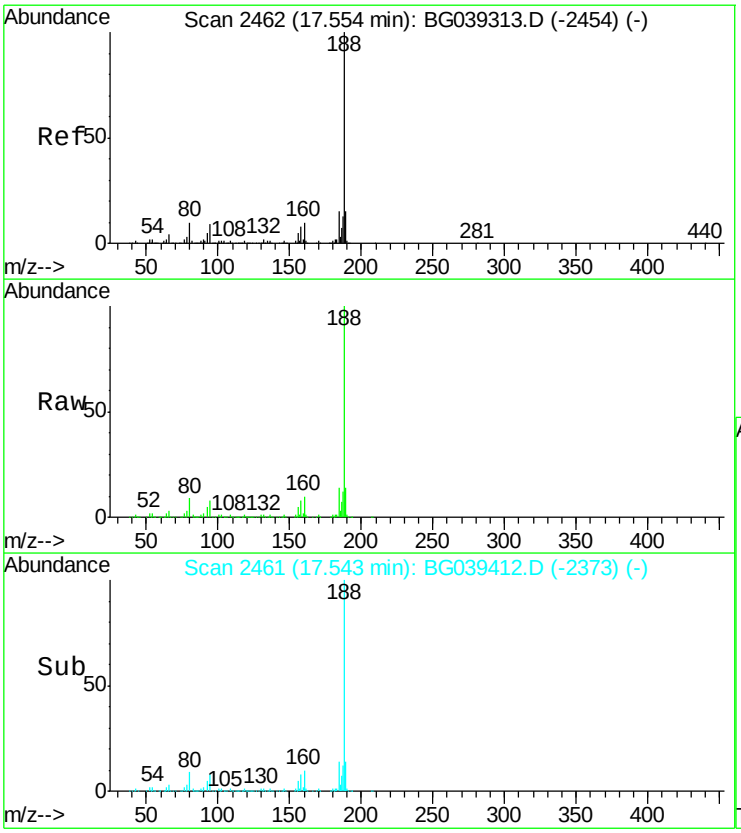
#62
4-Nitroaniline
Concen: 4.23 ng
RT: 16.02 min Scan# 2202
Delta R.T. 0.14 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#

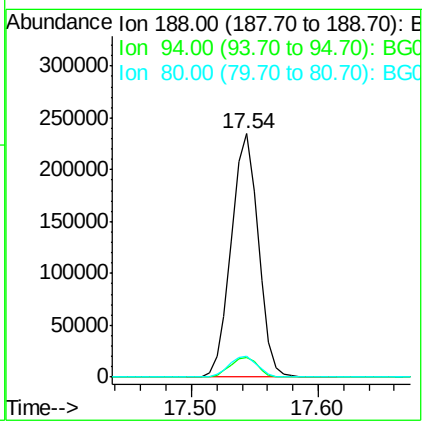


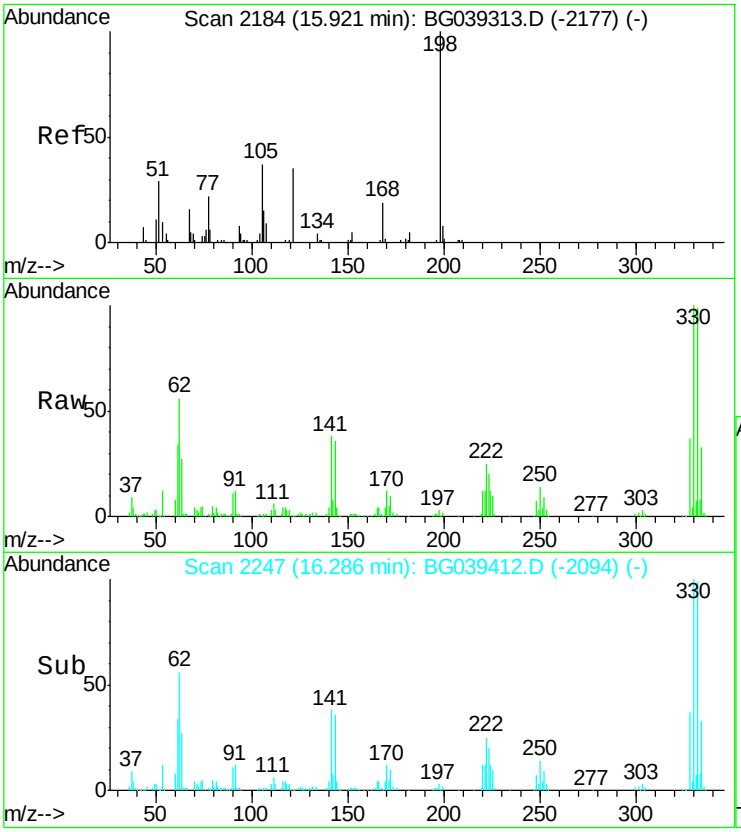


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:188 Resp: 345404

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.8	8.1	12.1



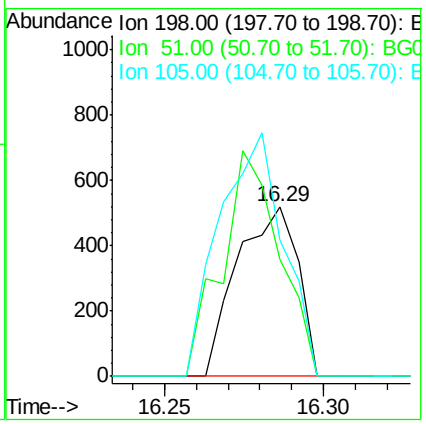


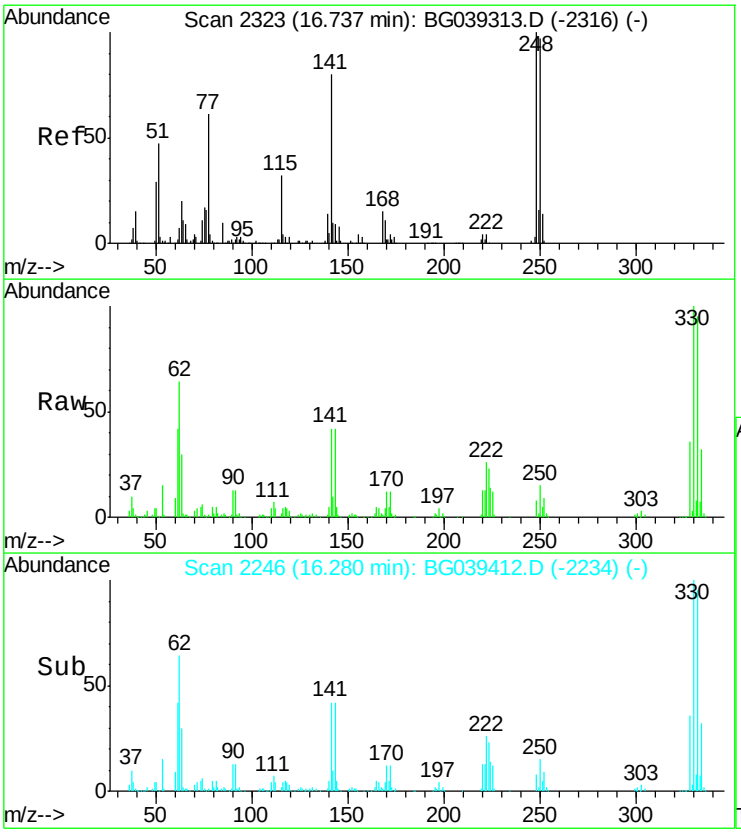
#65
4,6-Dinitro-2-methylphenol
Concen: 4.81 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.37 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:198 Resp: 687

Ion	Ratio	Lower	Upper
198	100		
51	69.0	27.4	67.4#
105	80.5	19.7	59.7#

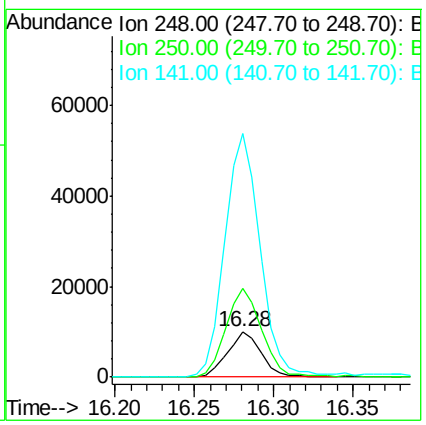


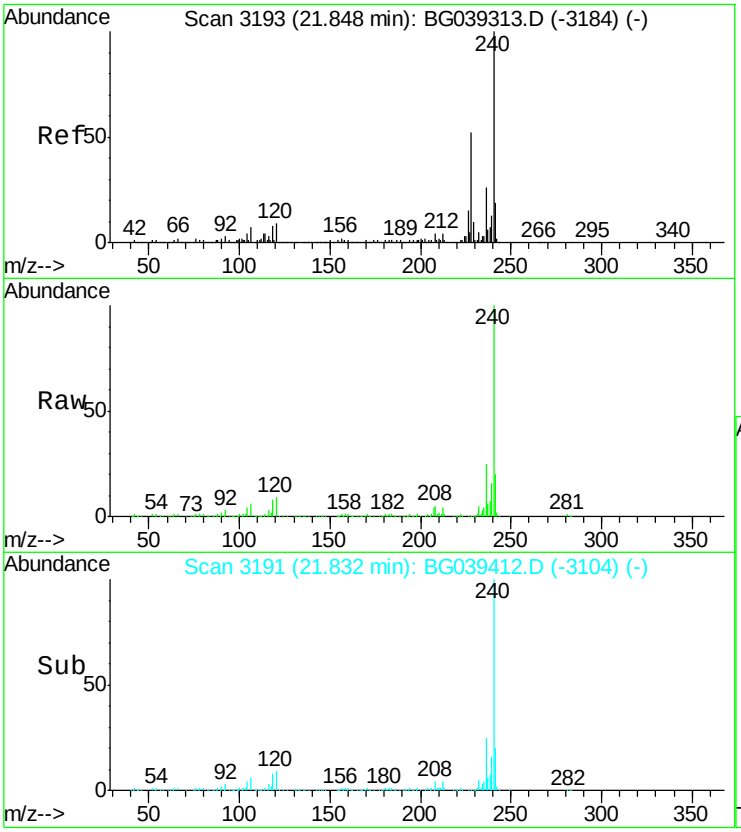


#67
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:248 Resp: 14844

Ion	Ratio	Lower	Upper
248	100		
250	194.7	77.6	116.4#
141	537.1	63.9	95.9#



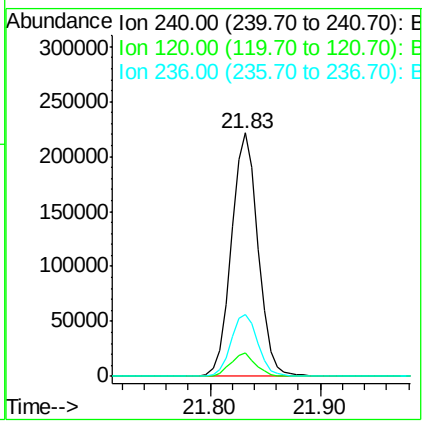


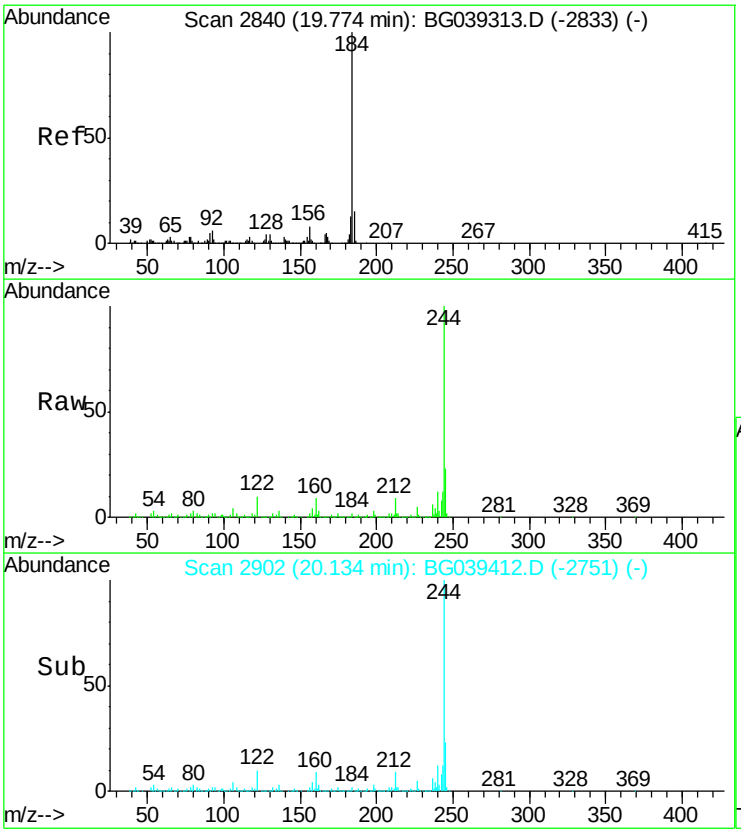
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:240 Resp: 374850

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.0	10.6
236	25.5	21.0	31.4

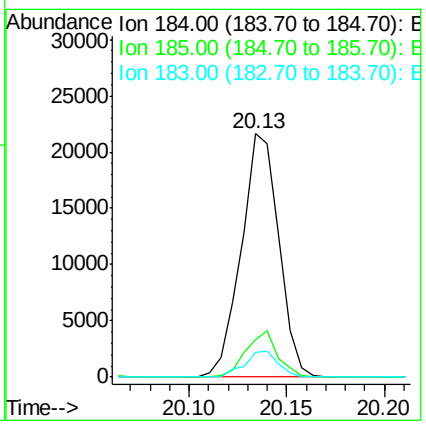


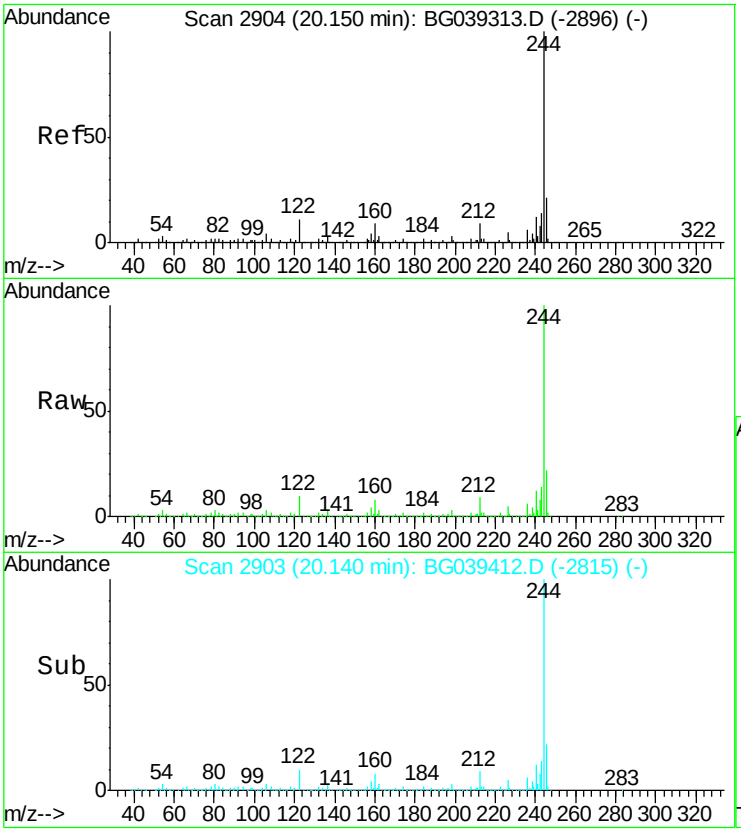


#77
Benzidine
Concen: 2.34 ng
RT: 20.13 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:184 Resp: 28783

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	10.4	10.6	15.8#



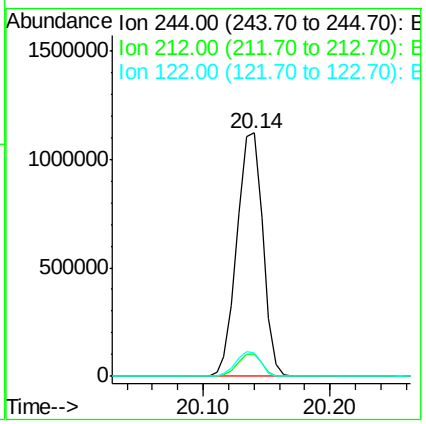


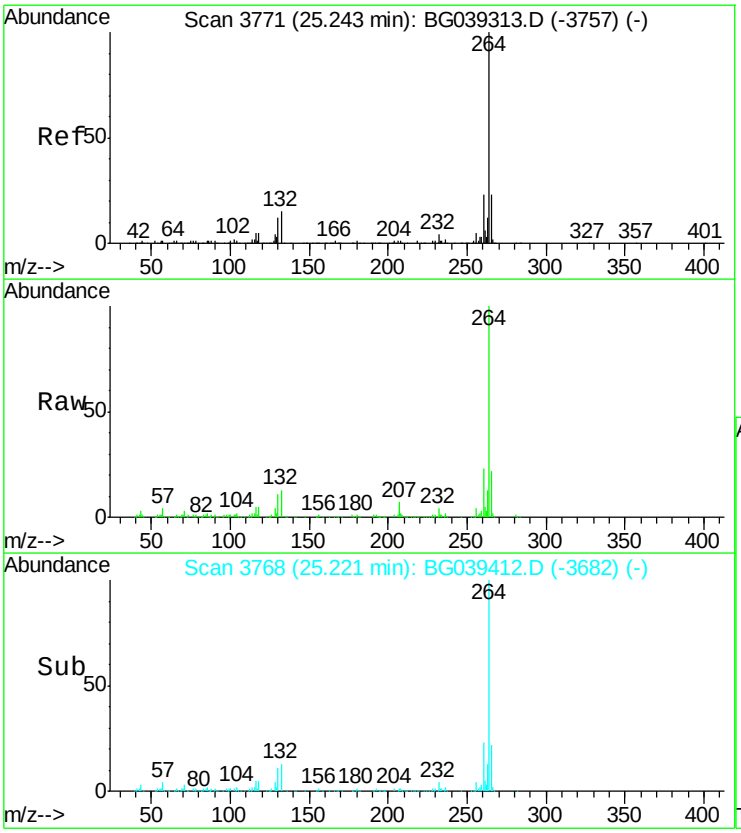
#79
Terphenyl-d14
Concen: 89.50 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion:244 Resp: 1585039

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.6	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039412.D
Acq: 8 Feb 2019 11:22

Tgt Ion:264 Resp: 352912

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.6	18.5	27.7