Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039411.D
Acq On : 8 Feb 2019 10:43
Operator : JU/SJ
Sample : K1401-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-3425

Quant Time: Feb 08 13:16:30 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	49330	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	219156	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	139609	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	335302	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	385830	20.00	ng	-0.01
87) Perylene-d12	25.22	264	354985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	404092	140.20	ng	0.00
7) Phenol-d6	7.31	99	522902	123.25	ng	0.00
23) Nitrobenzene-d5	9.35	82	375216	106.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	194169	129.16	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	865052	88.89	ng	-0.01
79) Terphenyl-d14	20.14	244	1500322	82.31	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1733	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.35	70	47801	15.87	ng	# 69
32) Benzoic acid	10.25	122	62	9.05	ng	# 79
48) 2-Nitroaniline	13.42	65	1413	8.76	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	17591	13.77	ng	# 22
56) 4-Nitrophenol	15.20	139	214	5.89	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	17591	13.28	ng	# 17
62) 4-Nitroaniline	16.28	138	58	4.22	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.28	198	606	4.75	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	15345	4.13	ng	# 1
77) Benzidine	20.14	184	26452	2.09	ng	# 90

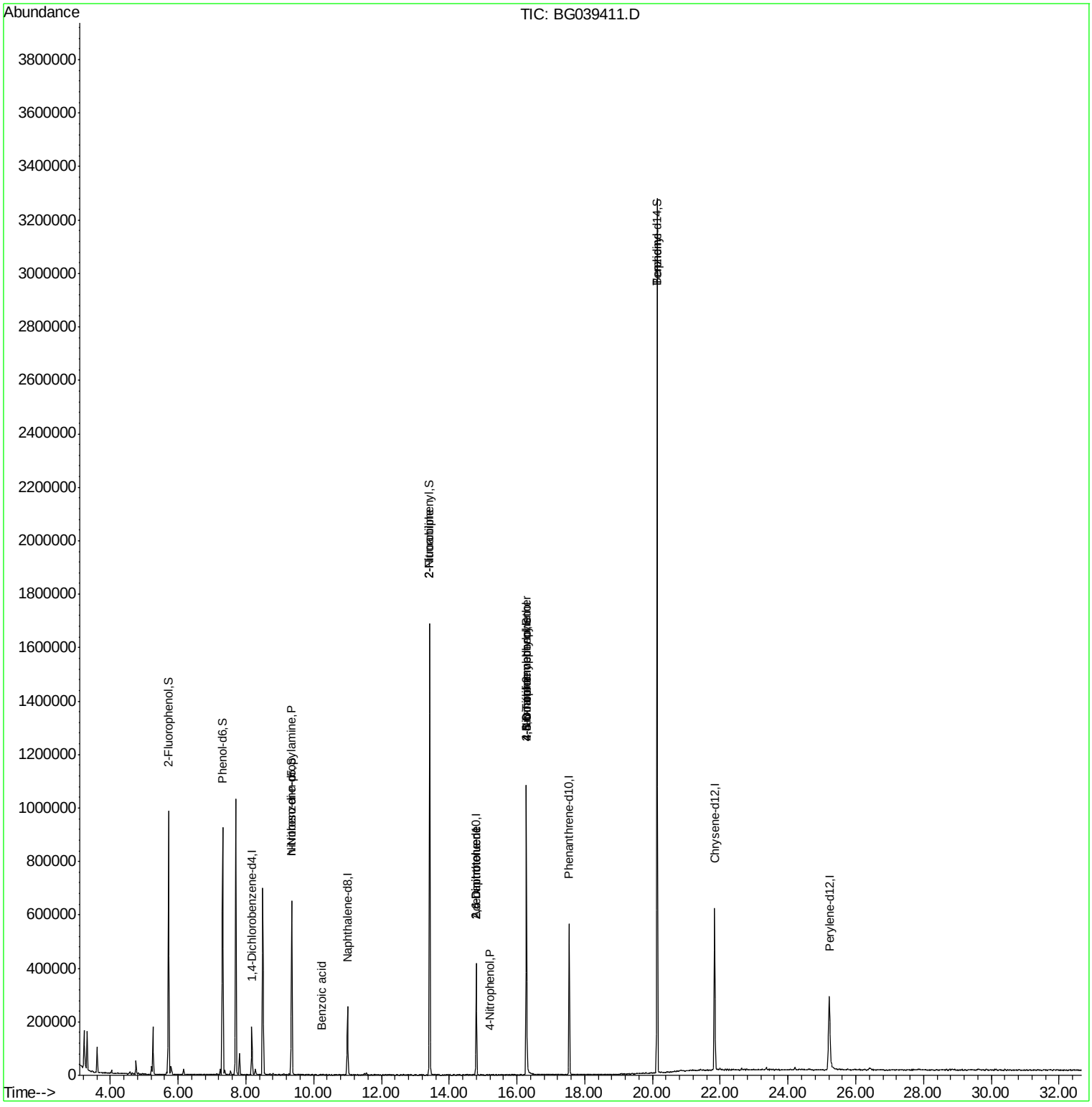
(#) = qualifier out of range (m) = manual integration (+) = signals summed

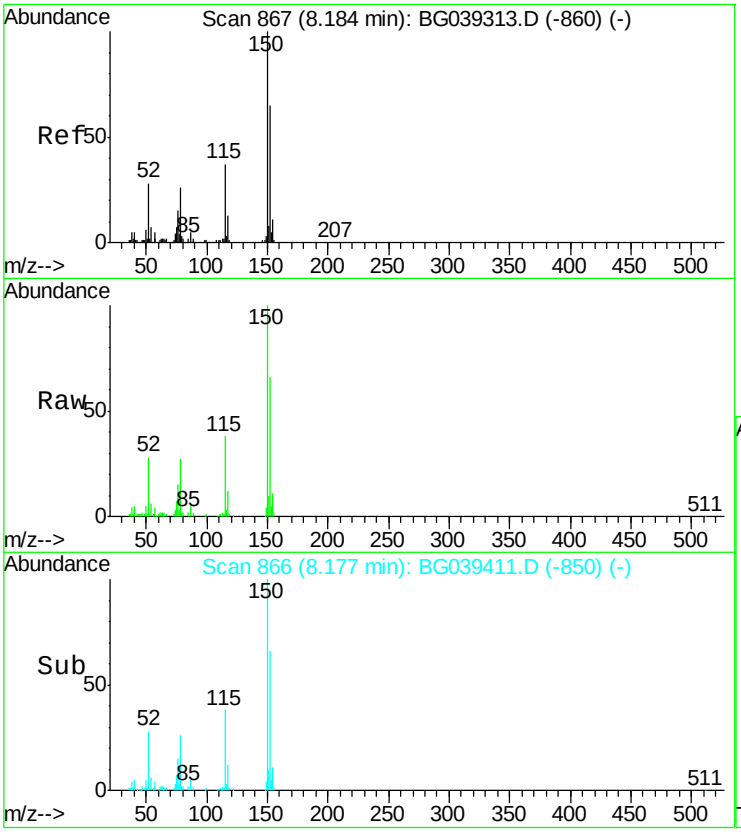
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039411.D
Acq On : 8 Feb 2019 10:43
Operator : JU/SJ
Sample : K1401-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-3425

Quant Time: Feb 08 13:16:30 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



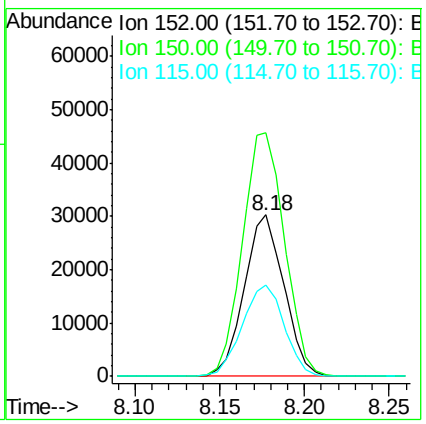


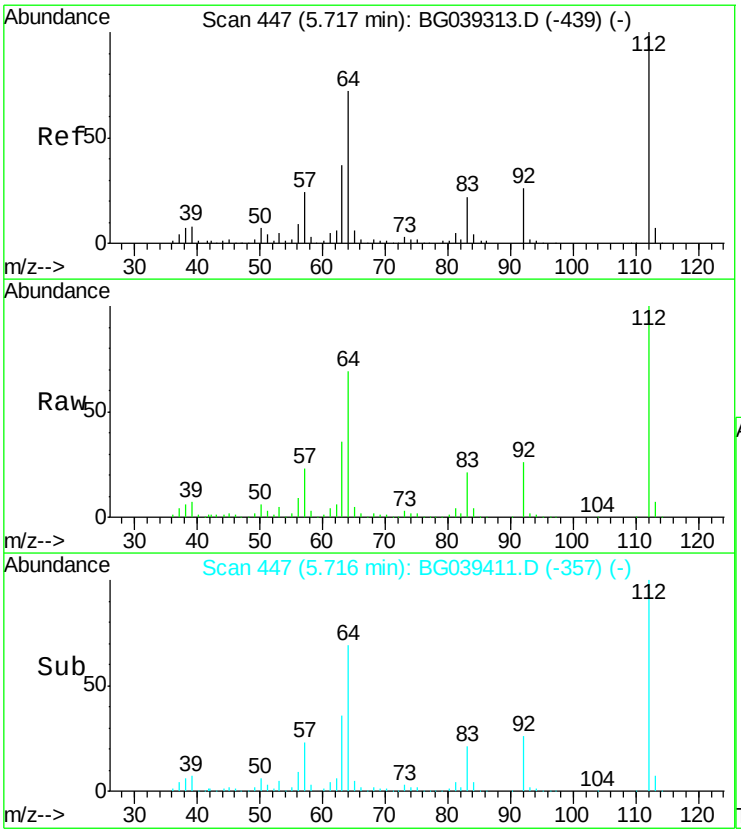
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:152 Resp: 49330

Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.7	185.5
115	56.8	45.9	68.9

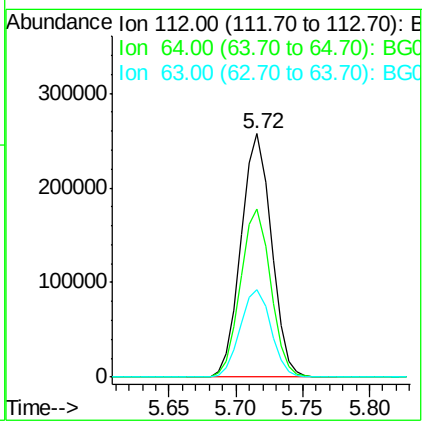


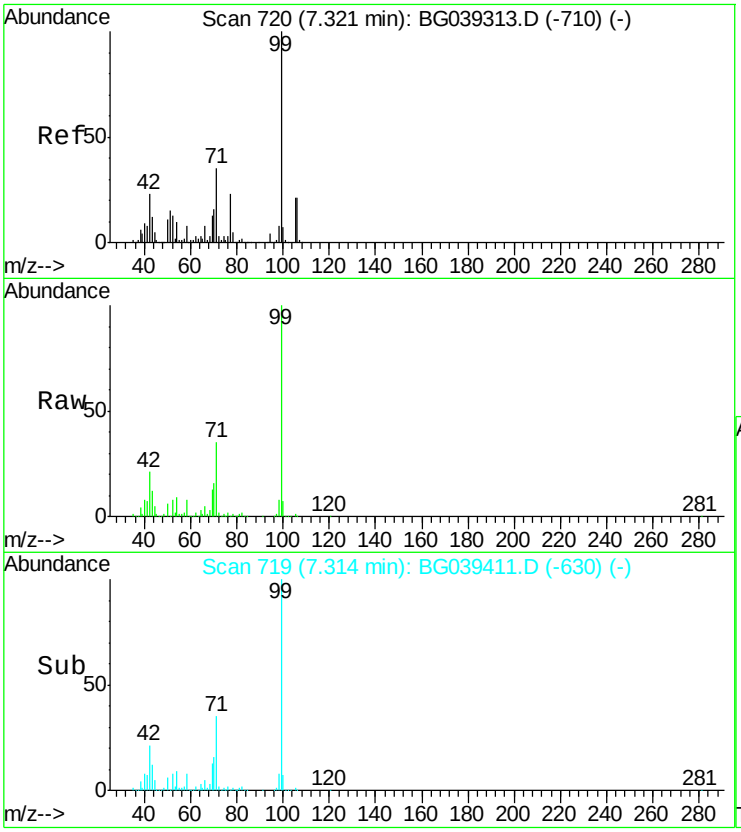


#5
2-Fluorophenol
Concen: 140.20 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:112 Resp: 404092

Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.8	86.8
63	36.0	29.8	44.6



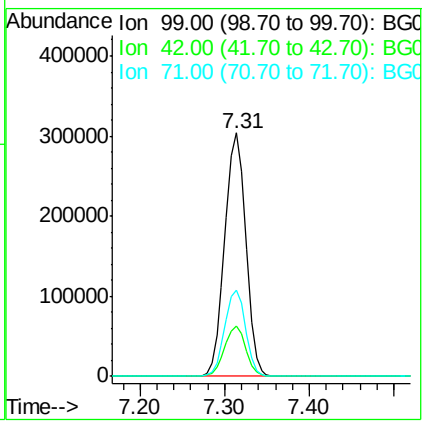


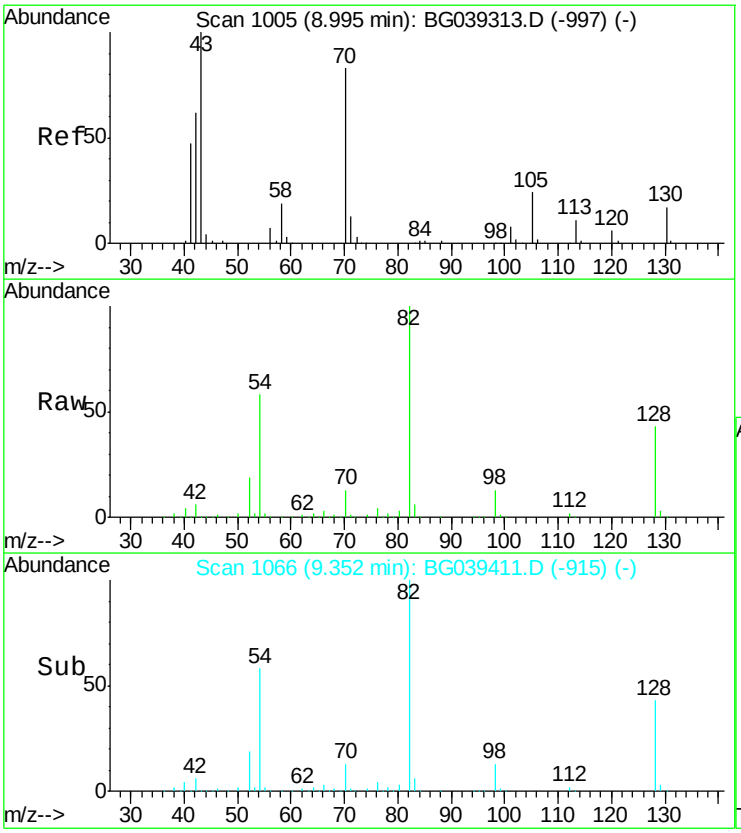
#7
Phenol-d6
Concen: 123.25 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion: 99 Resp: 522902

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	35.2	28.0	42.0

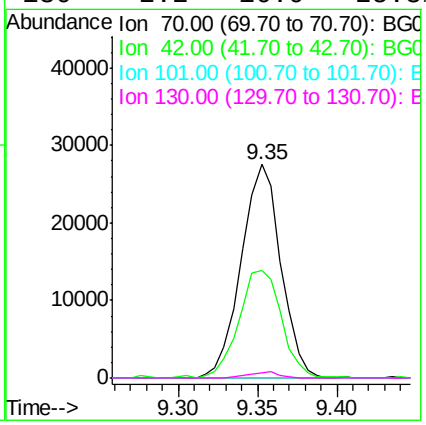


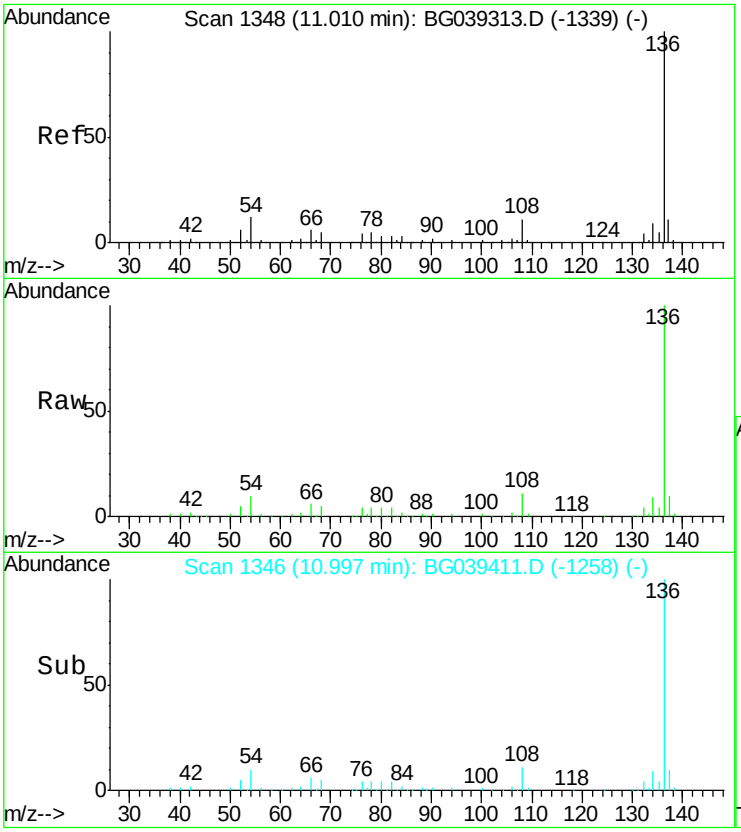


#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion: 70 Resp: 47801

Ion	Ratio	Lower	Upper
70	100		
42	50.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



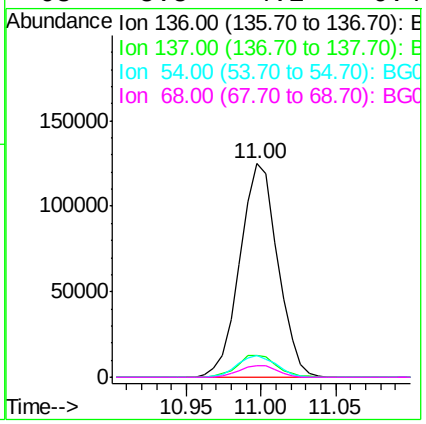


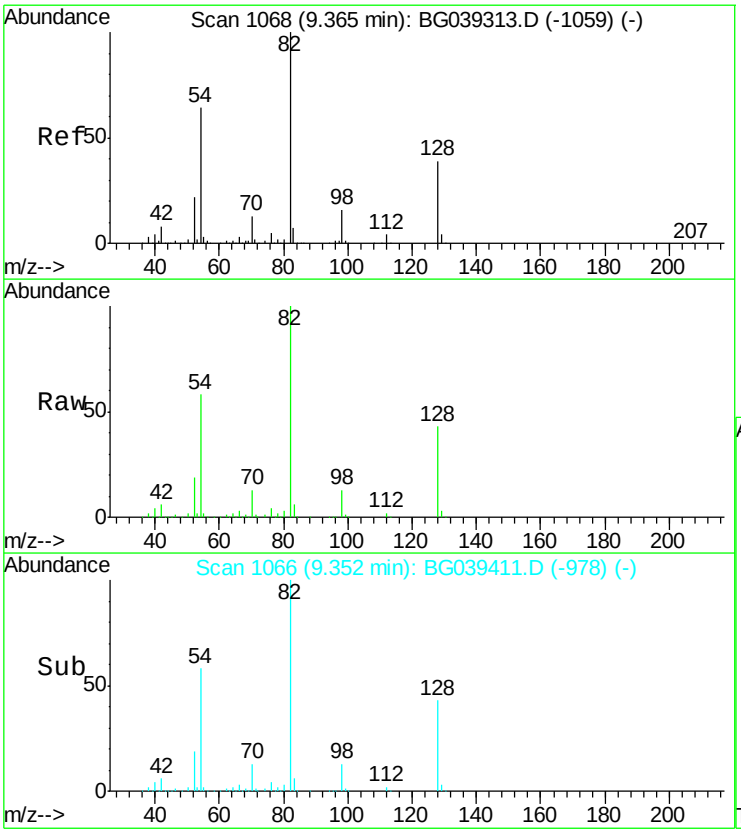
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:136 Resp: 219156

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.4	9.4	14.2
68	5.5	4.2	6.4

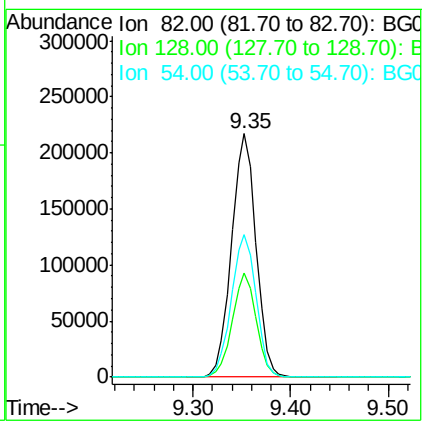


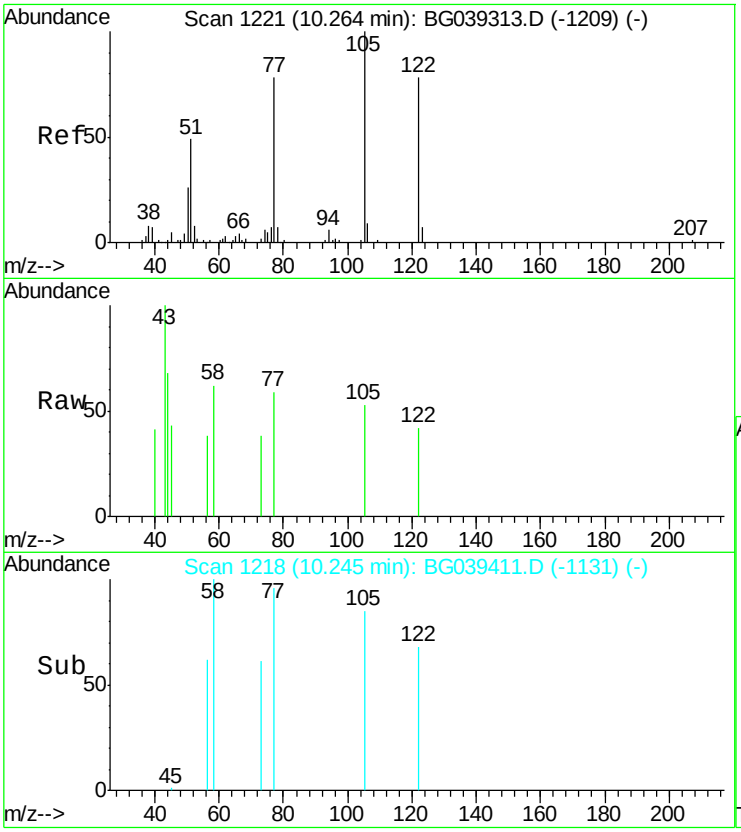


#23
Nitrobenzene-d5
Concen: 106.96 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion: 82 Resp: 375216

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	58.4	50.9	76.3



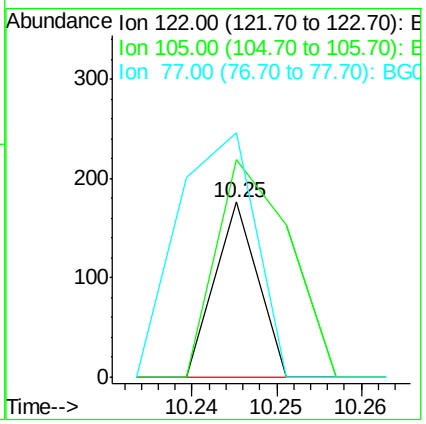


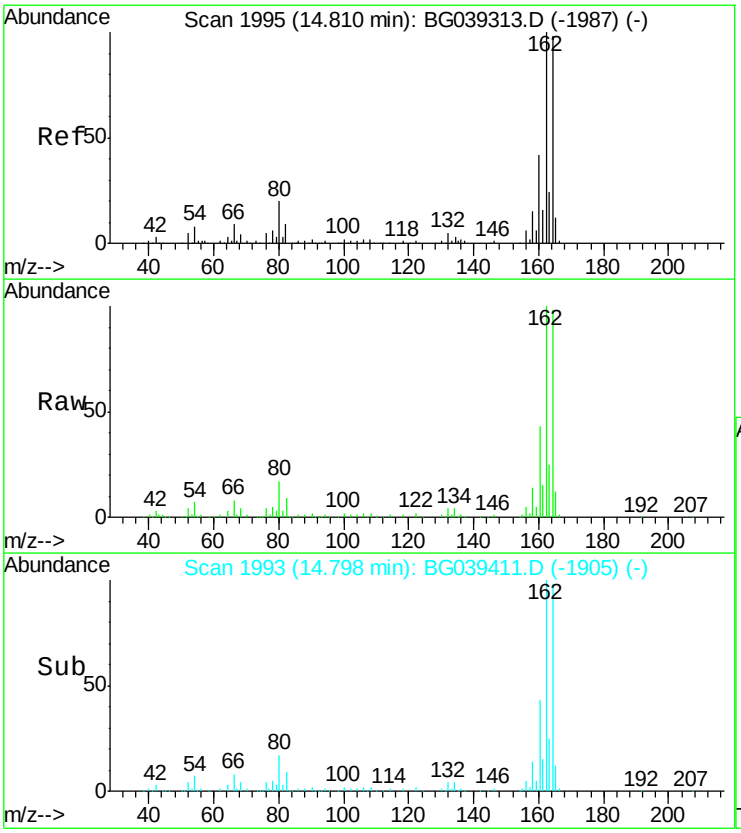
#32
Benzoic acid
Concen: 9.05 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	124.4	101.8	141.8
77	139.8	76.3	116.3#

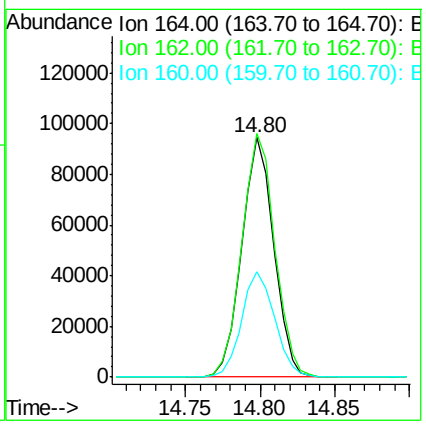


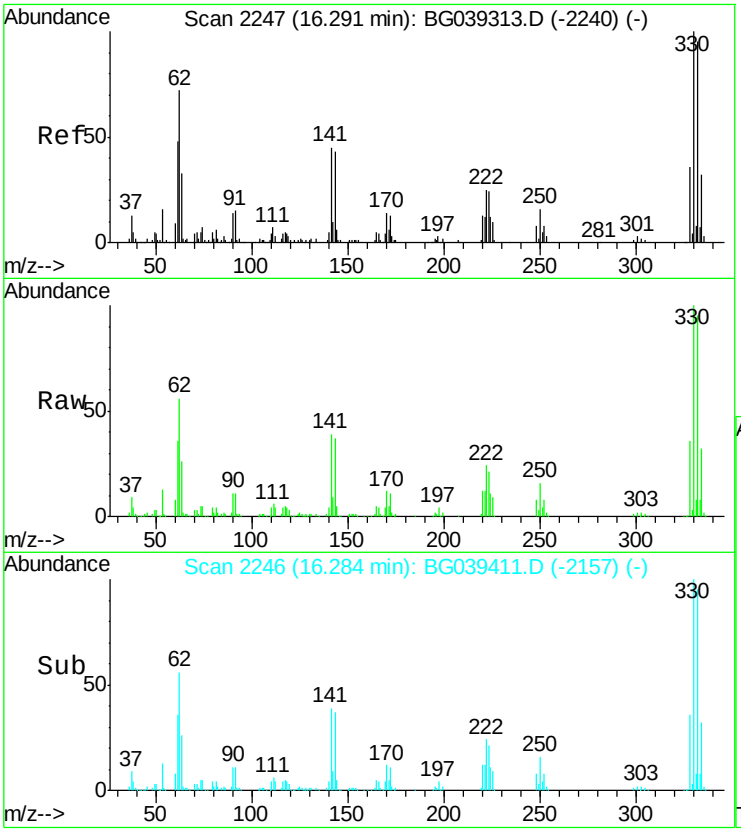


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:164 Resp: 139609

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	44.0	34.2	51.2



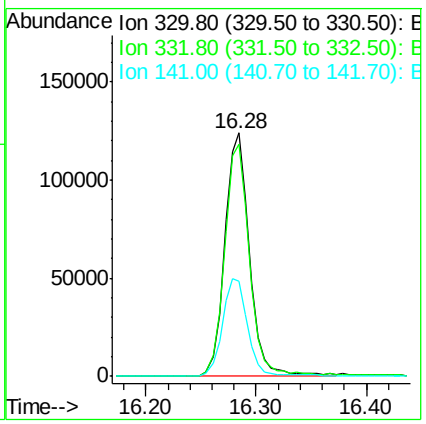


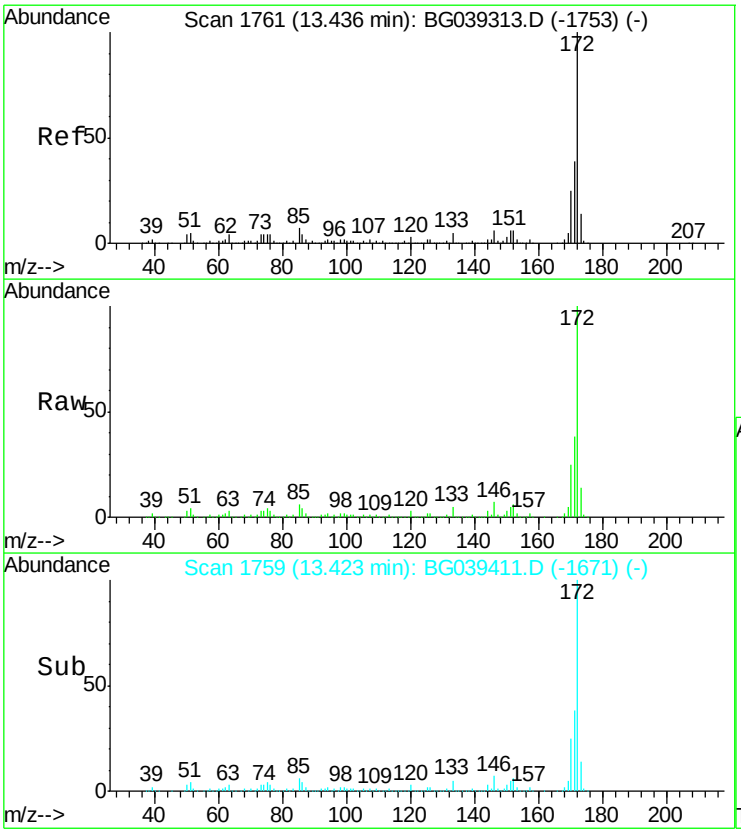
#42
2,4,6-Tribromophenol
Concen: 129.16 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:330 Resp: 194169

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	41.0	35.6	53.4

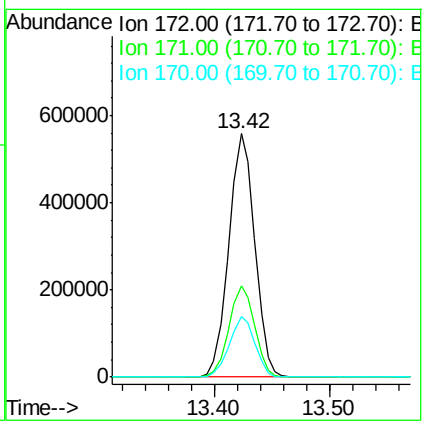


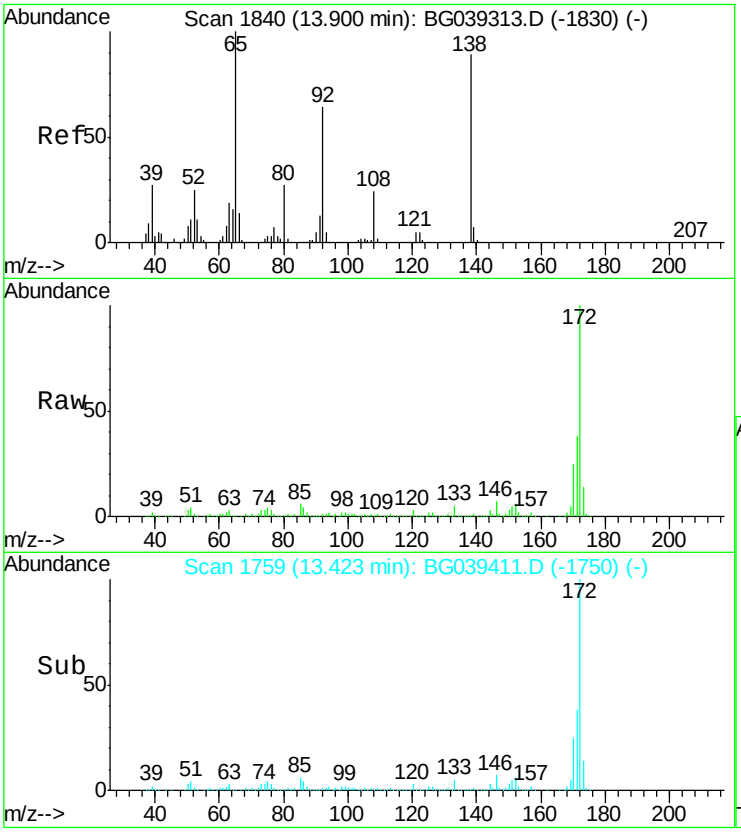


#45
2-Fluorobiphenyl
Concen: 88.89 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:172 Resp: 865052

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.1	20.2	30.4



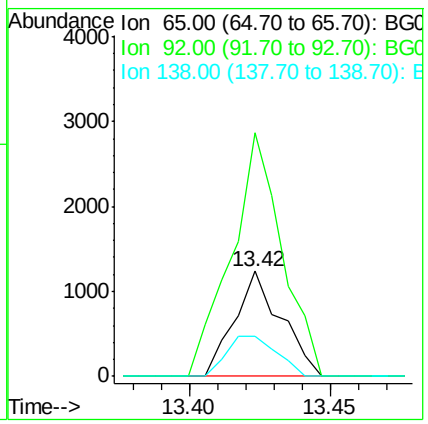


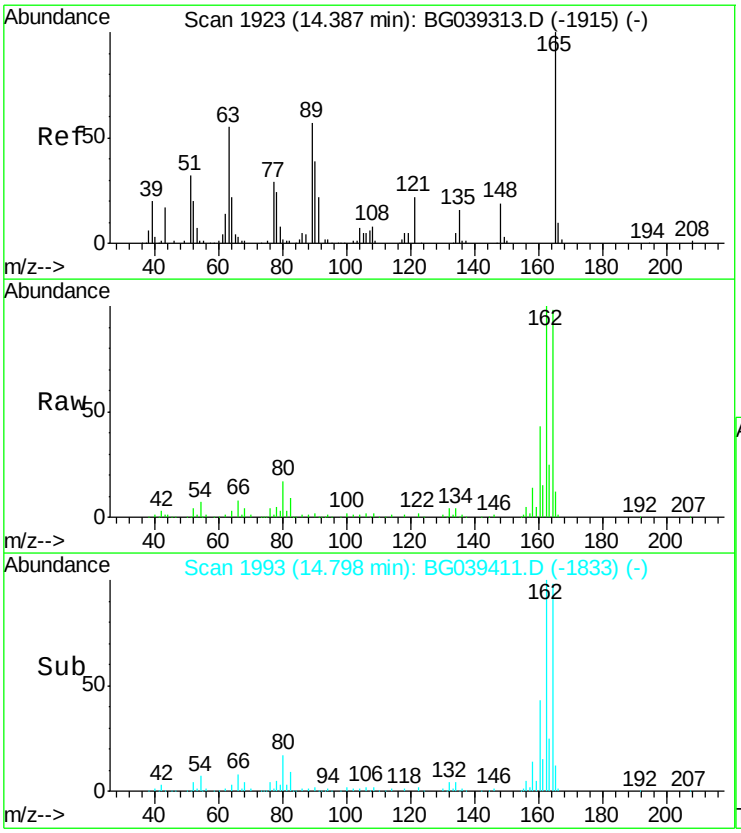
#48
2-Nitroaniline
Concen: 8.76 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion: 65 Resp: 1413

Ion	Ratio	Lower	Upper
65	100		
92	231.4	51.4	77.2#
138	38.2	71.4	107.2#

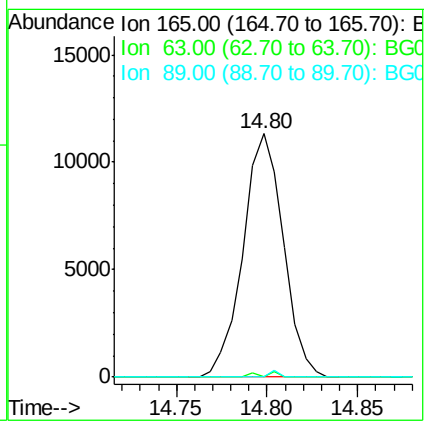


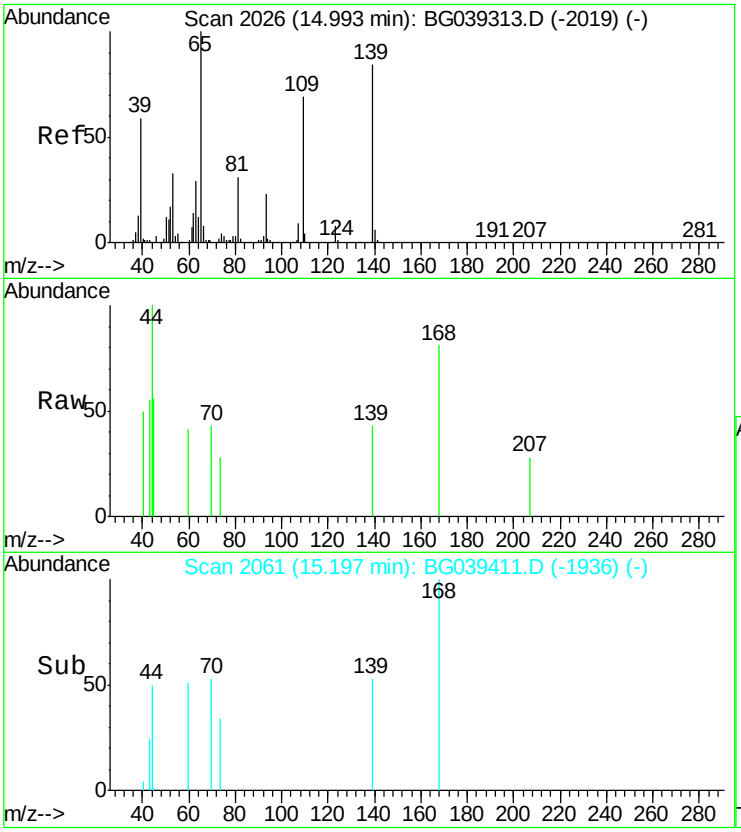


#51
2,6-Dinitrotoluene
Concen: 13.77 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:165 Resp: 17591

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



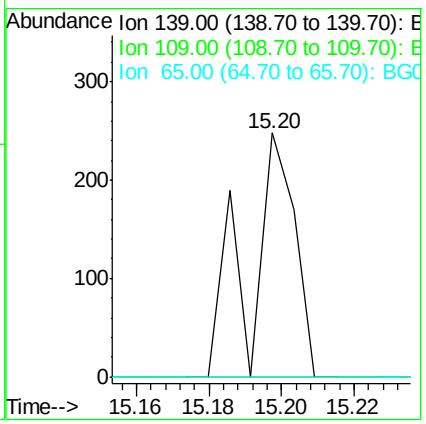


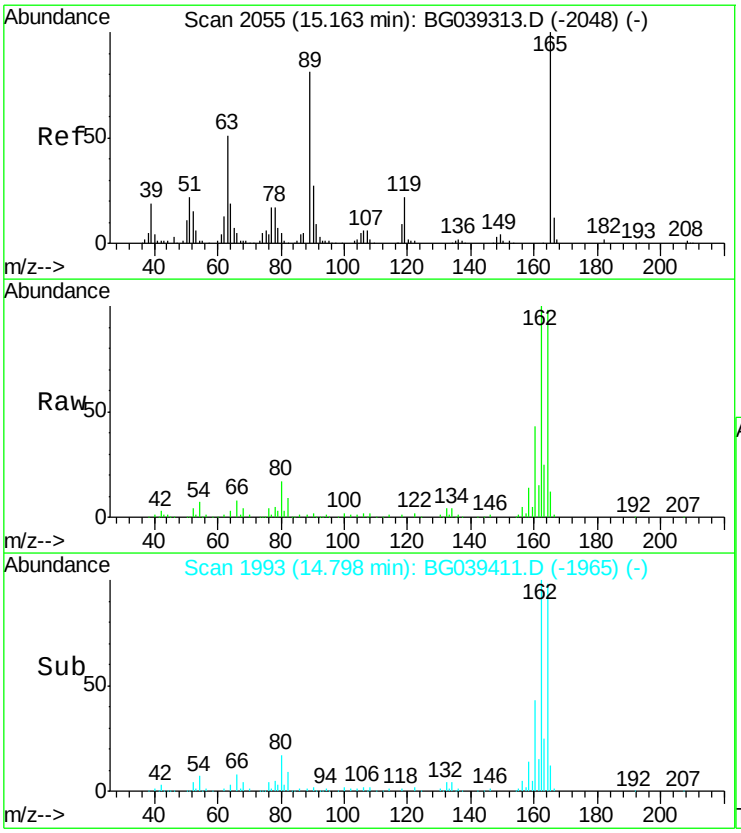
#56
4-Nitrophenol
Concen: 5.89 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.21 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:139 Resp: 214

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

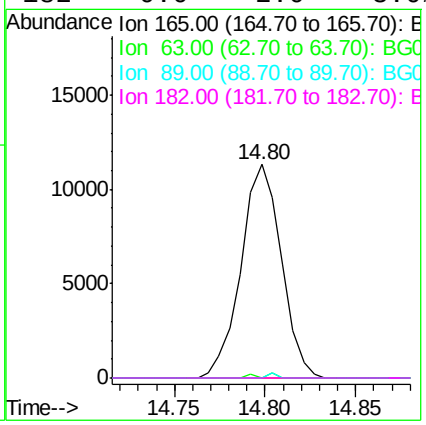


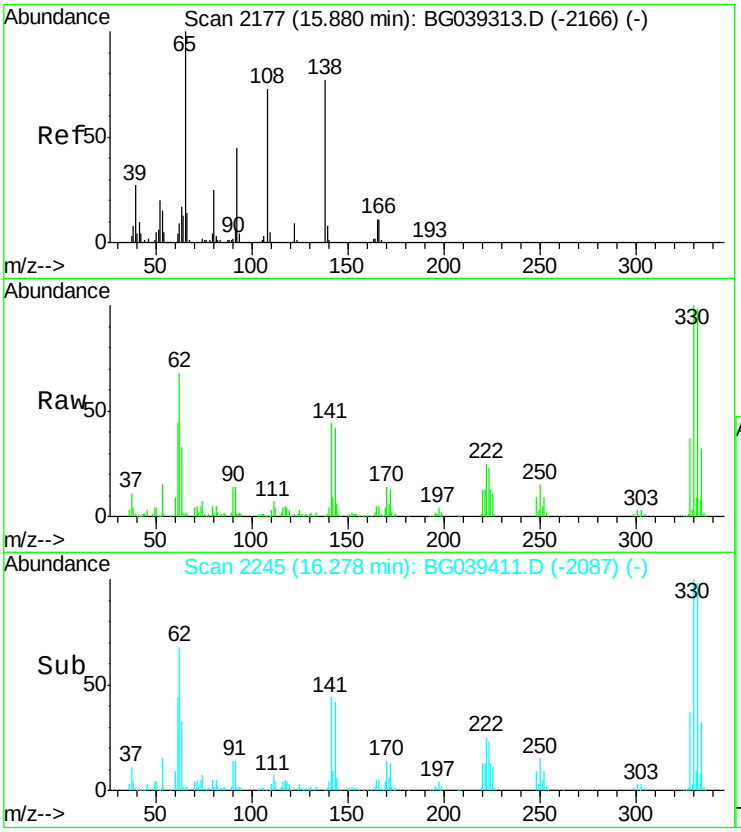


#57
2,4-Dinitrotoluene
Concen: 13.28 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:165 Resp: 17591

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



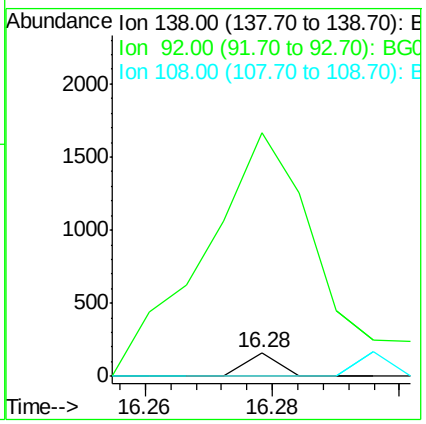


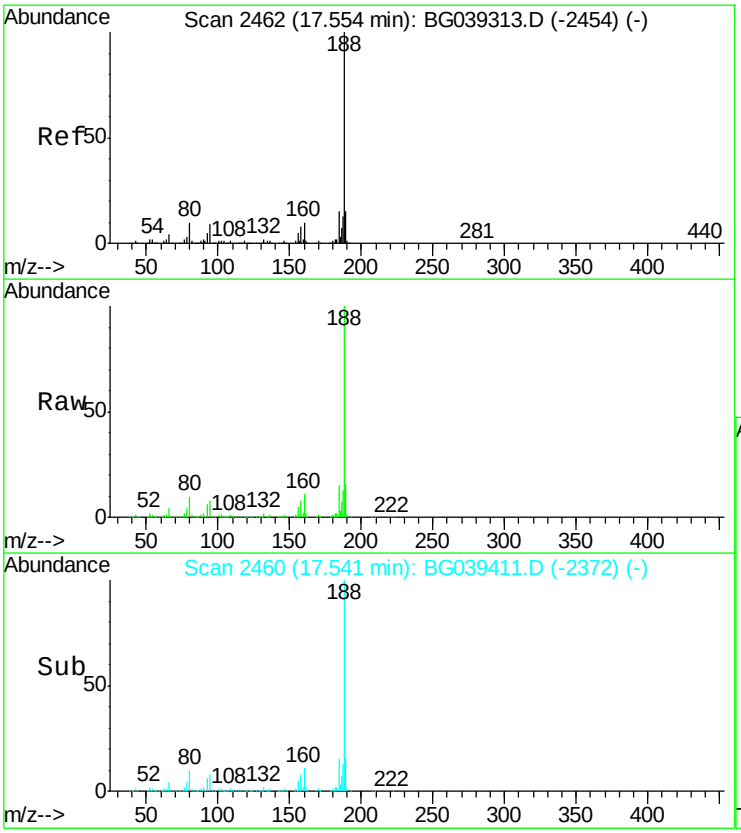
#62
4-Nitroaniline
Concen: 4.22 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.40 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:138 Resp: 58

Ion	Ratio	Lower	Upper
138	100		
92	1015.2	38.7	78.7#
108	0.0	74.6	114.6#

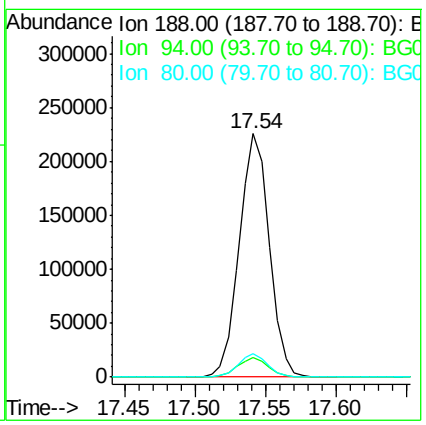


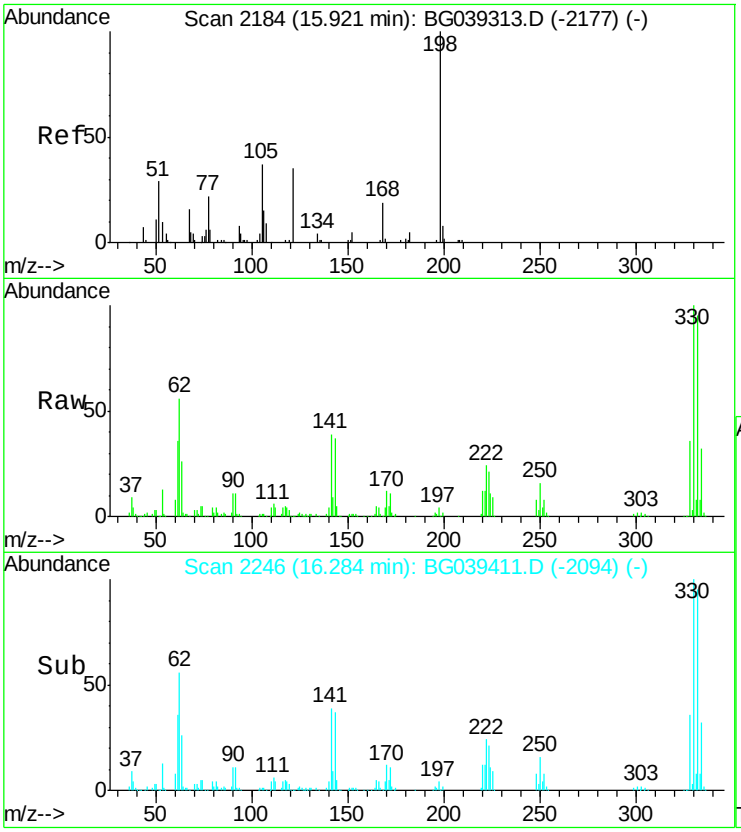


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:188 Resp: 335302

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.6	8.1	12.1



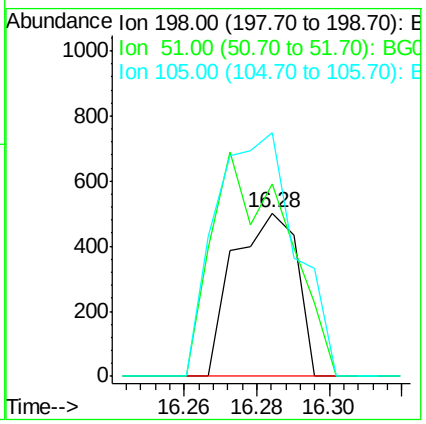


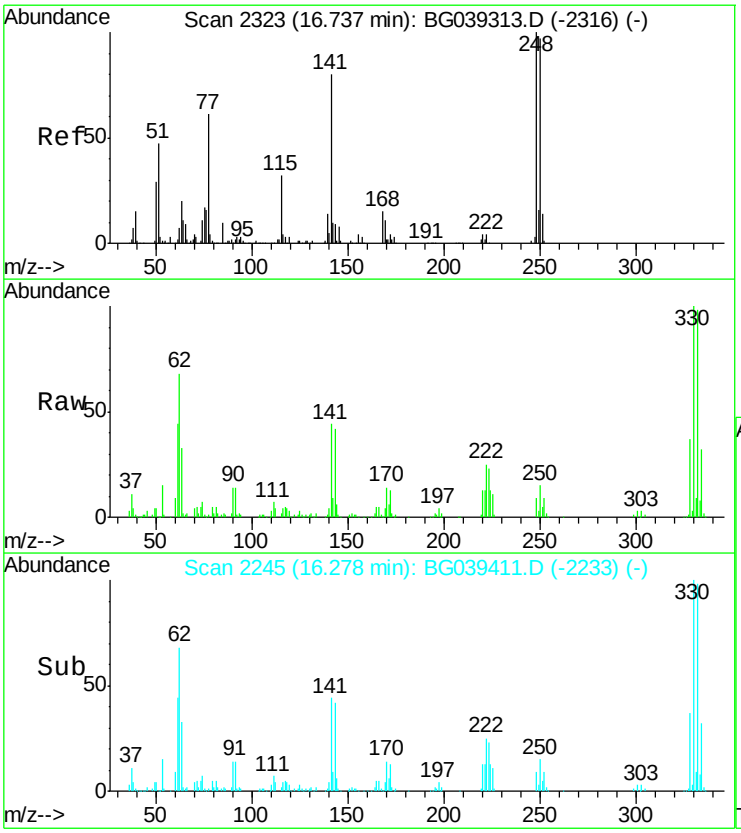
#65
4,6-Dinitro-2-methylphenol
Concen: 4.75 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:198 Resp: 606

Ion	Ratio	Lower	Upper
198	100		
51	118.0	27.4	67.4#
105	149.3	19.7	59.7#

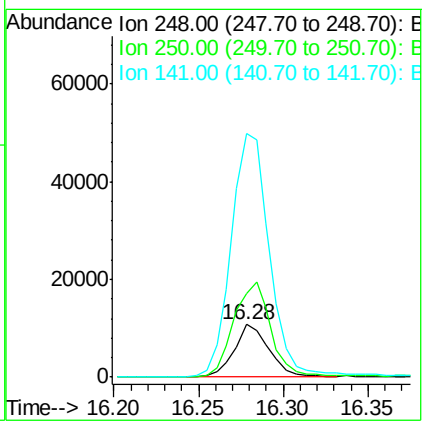


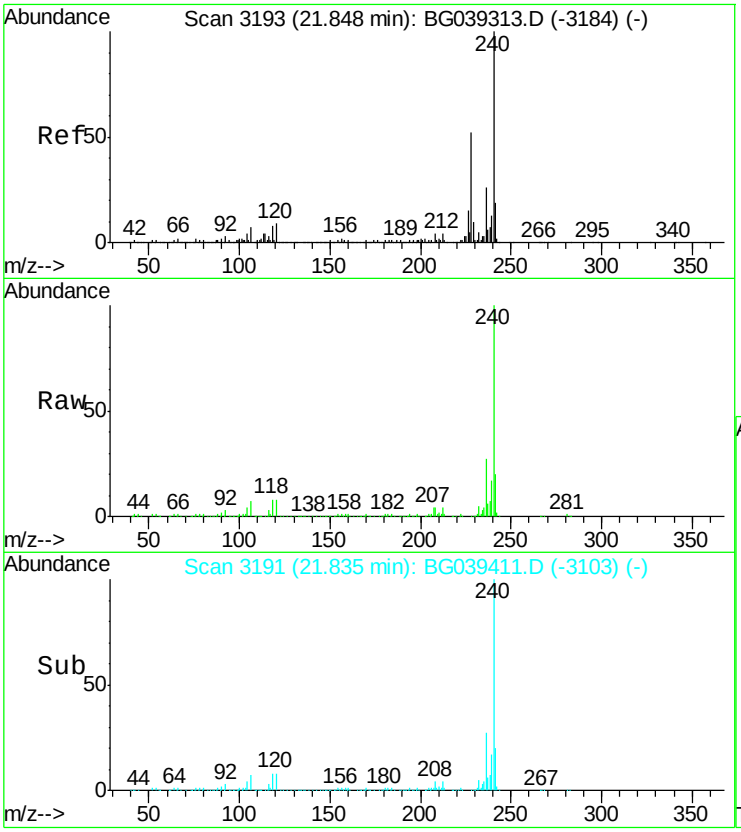


#67
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:248 Resp: 15345

Ion	Ratio	Lower	Upper
248	100		
250	159.5	77.6	116.4#
141	463.9	63.9	95.9#



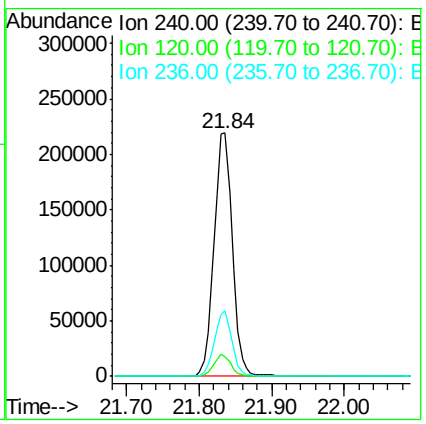


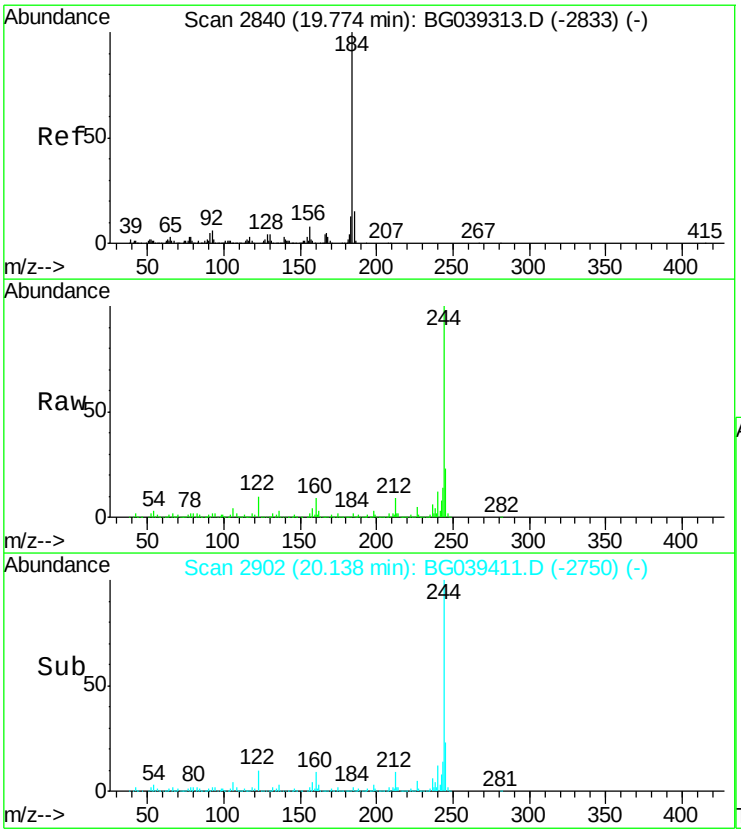
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:240 Resp: 385830

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	27.1	21.0	31.4

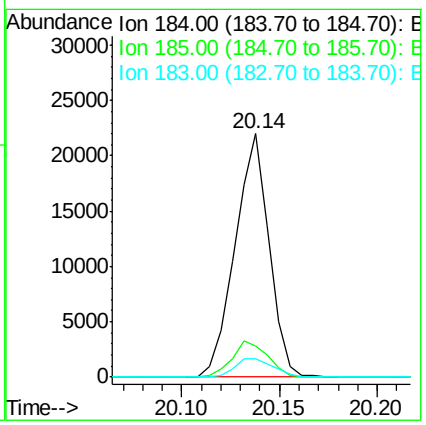


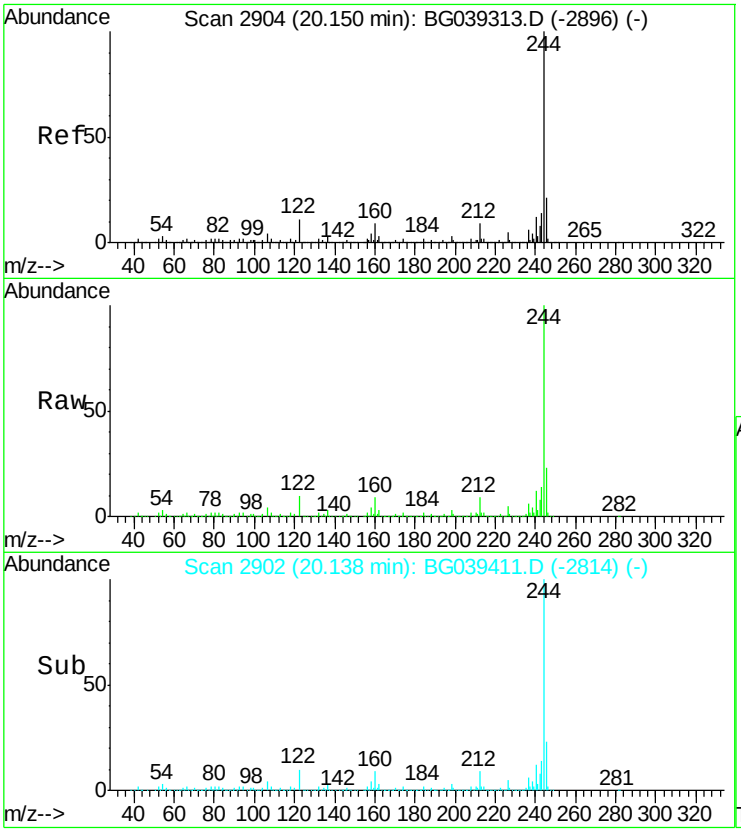


#77
Benzidine
Concen: 2.09 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:184 Resp: 26452

Ion	Ratio	Lower	Upper
184	100		
185	12.7	12.2	18.2
183	7.5	10.6	15.8#



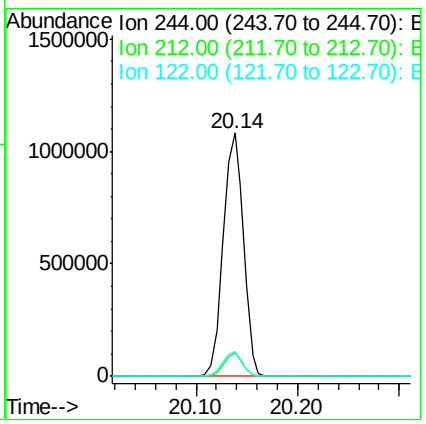


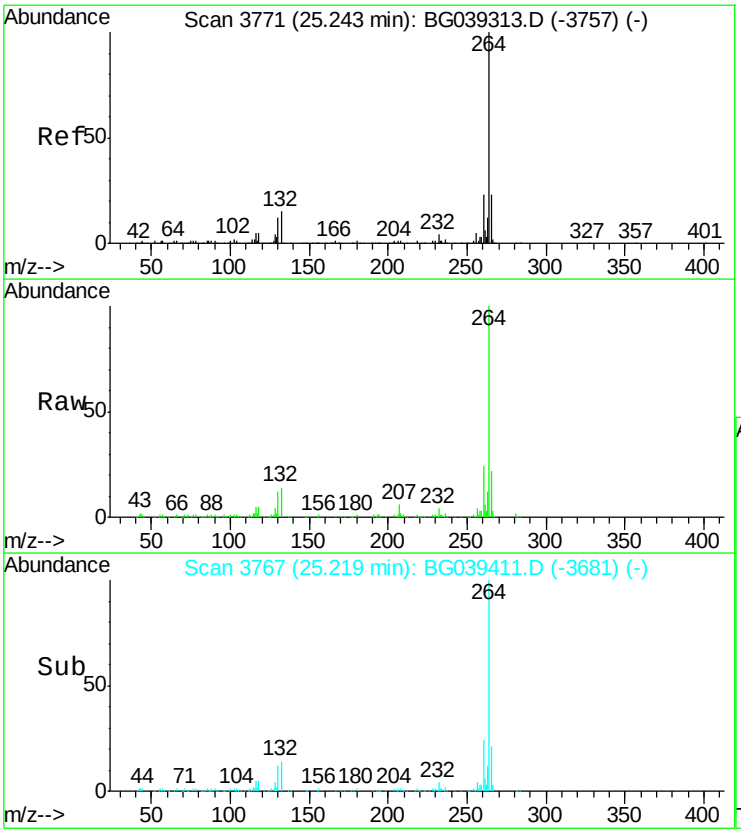
#79
Terphenyl-d14
Concen: 82.31 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Instrument :
BNA_G
ClientSampleId :
RT-3425

Tgt Ion:244 Resp: 1500322

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.0	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion:264 Resp: 354985

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.5	18.5	27.7