Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039453.D
Acq On : 12 Feb 2019 3:20
Operator : JU/SJ
Sample : K1422-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-10

Quant Time: Feb 12 04:38:11 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	53974	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	235188	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	163097	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	407193	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	424188	20.00	ng	-0.02
87) Perylene-d12	25.21	264	424470	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	469007	148.72	ng	0.00
7) Phenol-d6	7.31	99	634439	136.67	ng	-0.02
23) Nitrobenzene-d5	9.35	82	432574	114.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	288218	164.11	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1060793	93.30	ng	-0.02
79) Terphenyl-d14	20.13	244	1718888	85.77	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	908	Below Cal	#	17
19) n-Nitroso-di-n-propylamine	9.35	70	57091	17.328	ng	# 65
26) 2-Nitrophenol	10.31	139	62	4.051	ng	# 31
32) Benzoic acid	10.32	122	455	9.188	ng	92
48) 2-Nitroaniline	13.64	65	62	8.314	ng	# 10
51) 2,6-Dinitrotoluene	14.80	165	21527	14.108	ng	# 24
56) 4-Nitrophenol	15.19	139	200	5.872	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	21527	13.539	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.28	198	1010	4.970	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	22509	4.983	ng	# 1
77) Benzidine	20.14	184	32106	2.309	ng	# 96

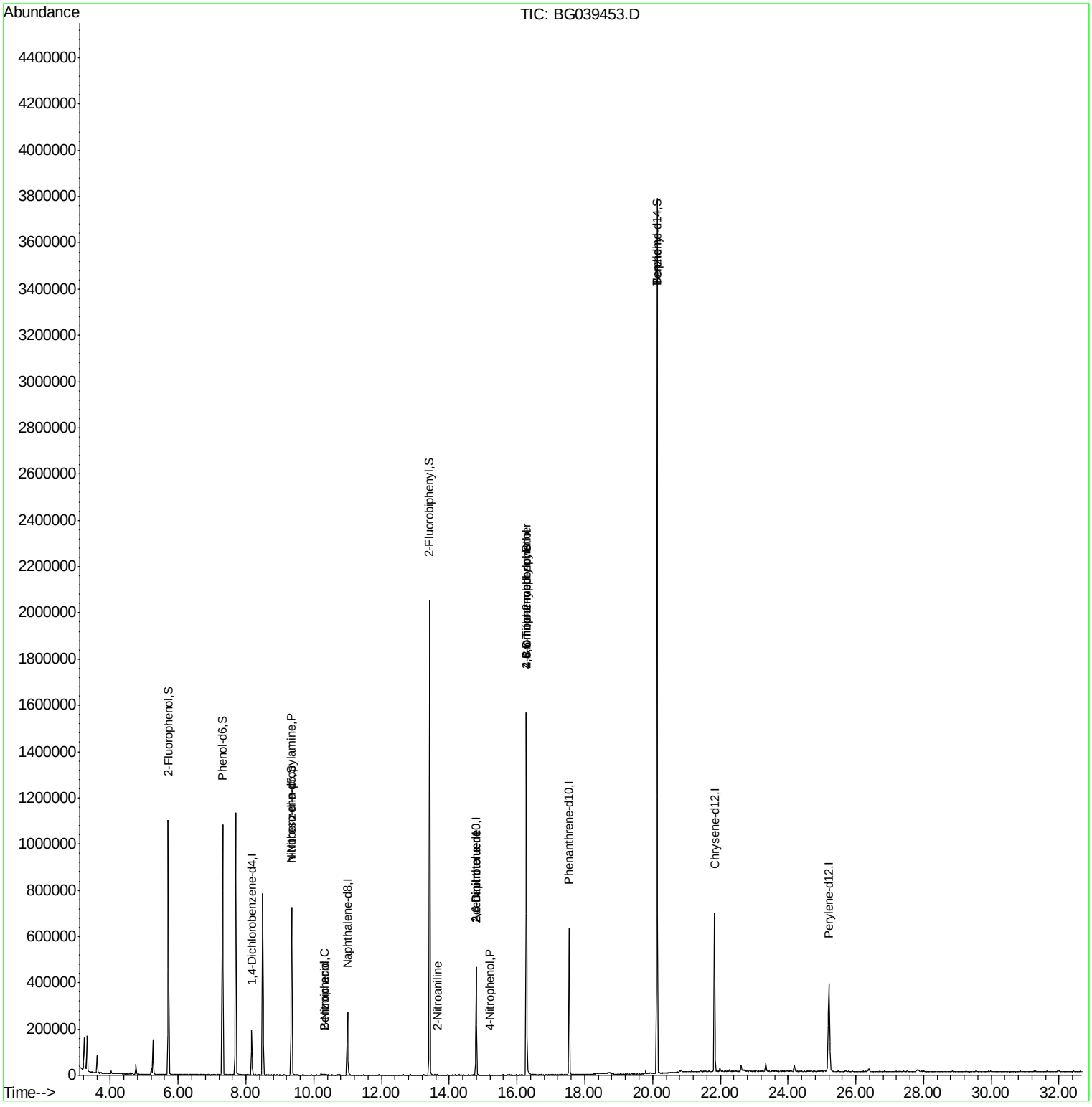
(#) = qualifier out of range (m) = manual integration (+) = signals summed

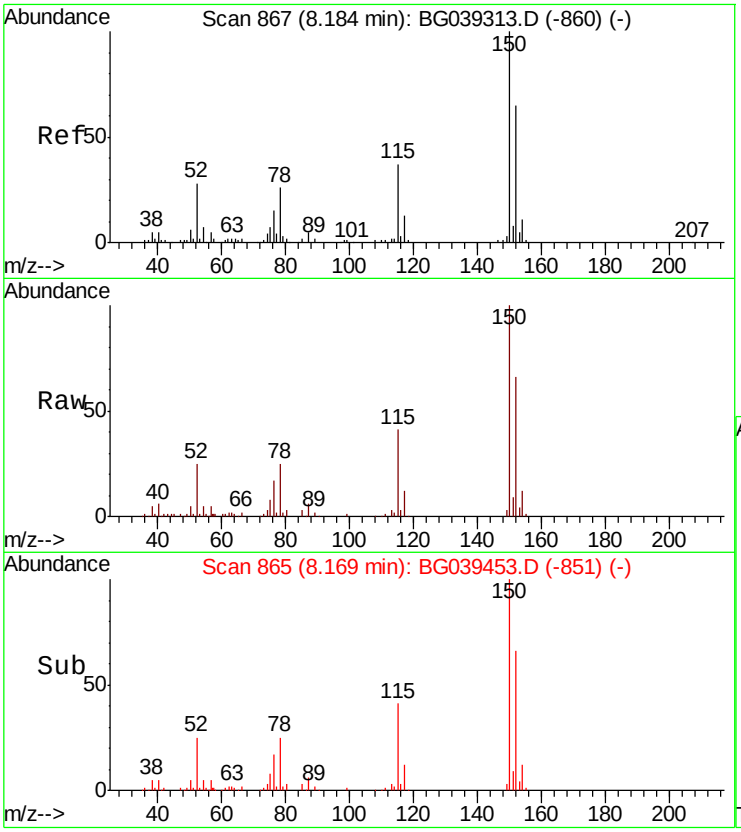
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039453.D
Acq On : 12 Feb 2019 3:20
Operator : JU/SJ
Sample : K1422-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-10

Quant Time: Feb 12 04:38:11 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



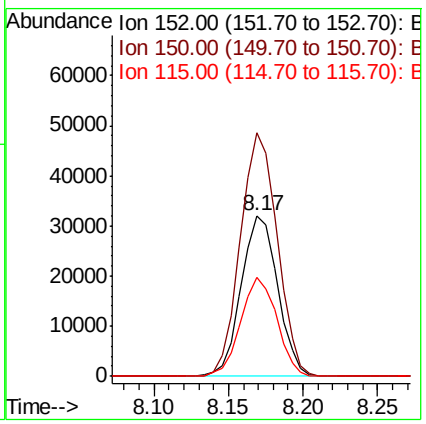


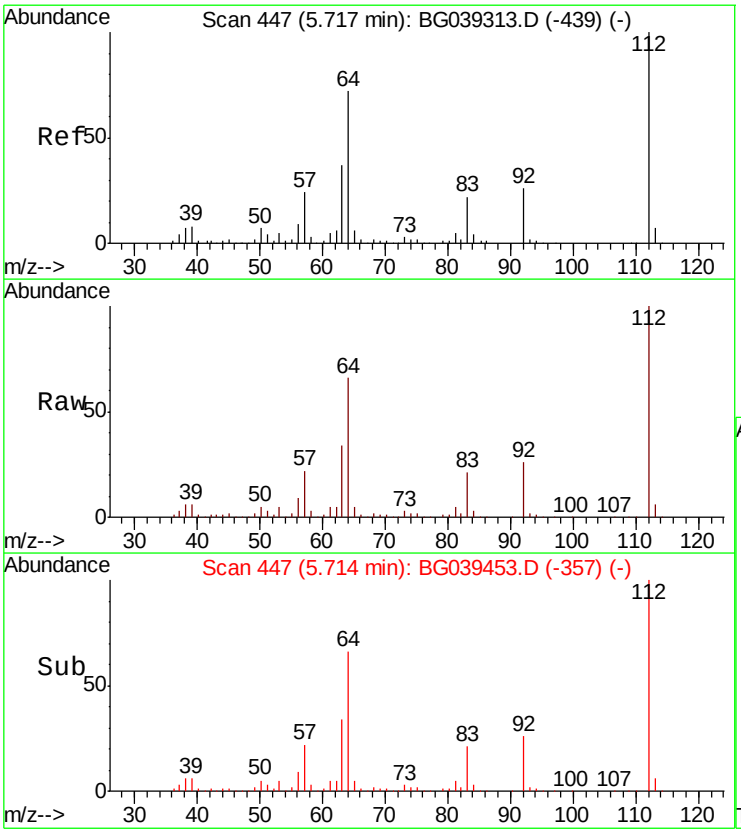
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:152 Resp: 53974

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.7	185.5
115	61.6	45.9	68.9

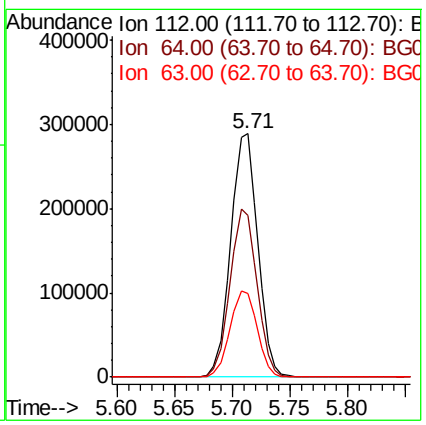


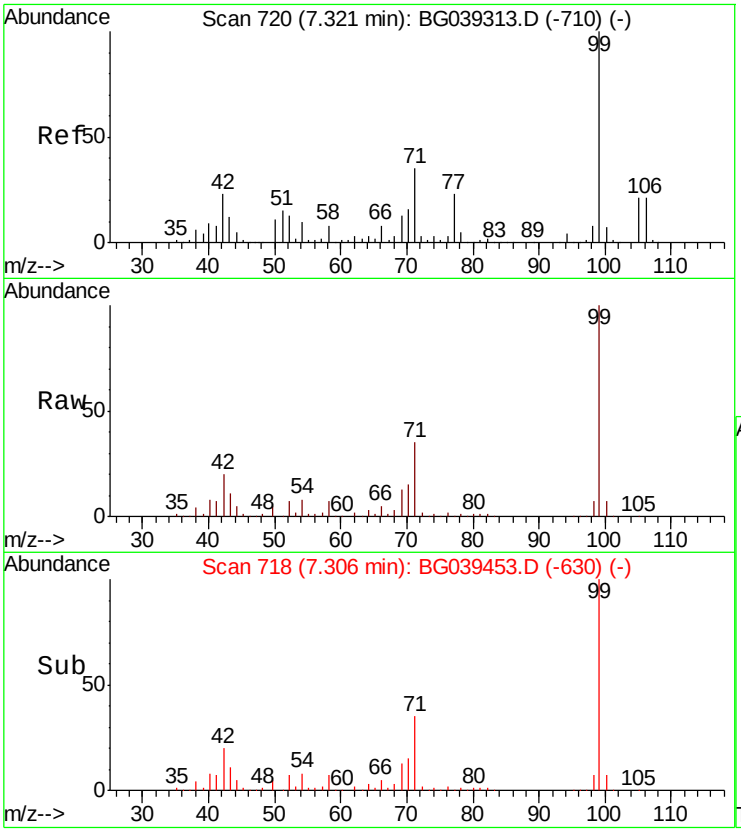


#5
2-Fluorophenol
Concen: 148.722 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:112 Resp: 469007

Ion	Ratio	Lower	Upper
112	100		
64	66.5	57.8	86.8
63	34.5	29.8	44.6



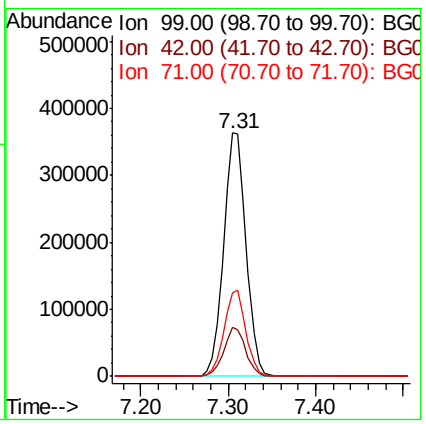


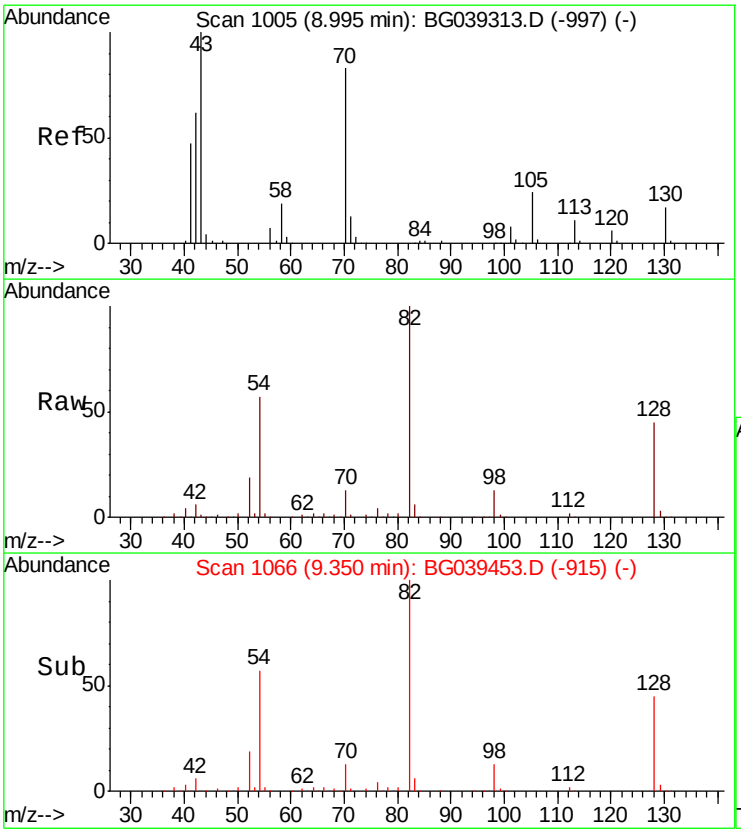
#7
Phenol-d6
Concen: 136.674 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion: 99 Resp: 634439

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	34.6	28.0	42.0

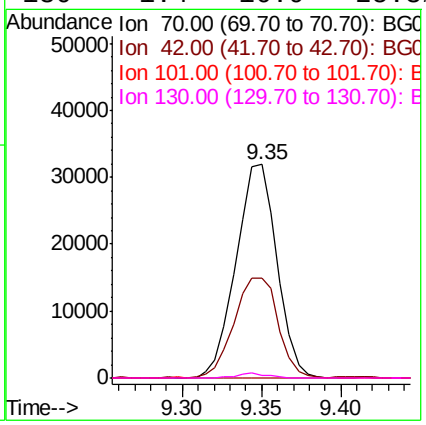


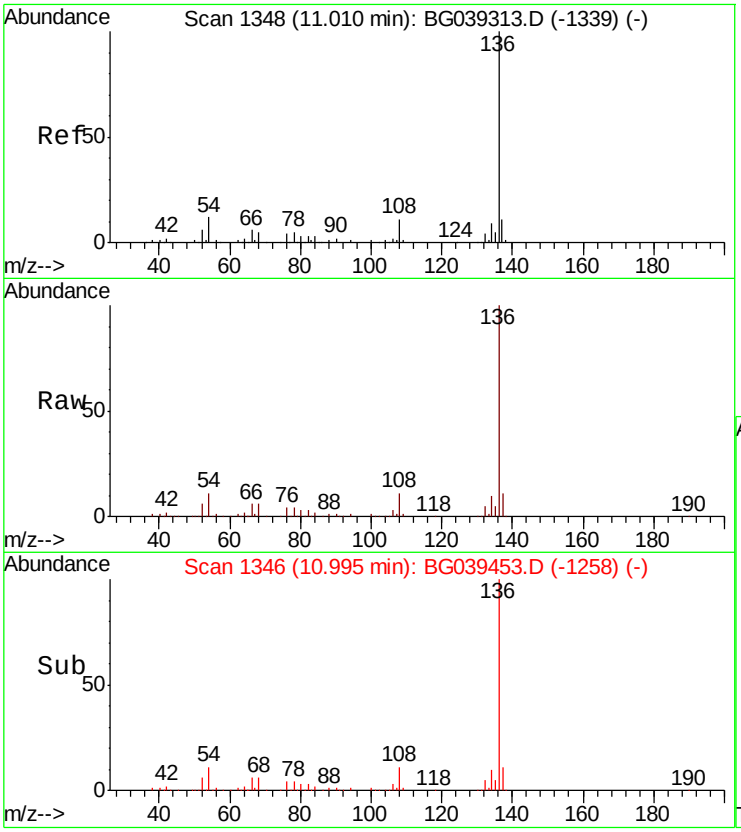


#19
n-Nitroso-di-n-propylamine
Concen: 17.328 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion: 70 Resp: 57091

Ion	Ratio	Lower	Upper
70	100		
42	46.9	60.4	90.6#
101	0.0	7.5	11.3#
130	1.4	16.9	25.3#



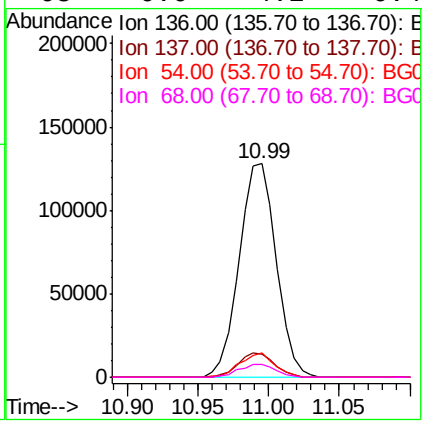


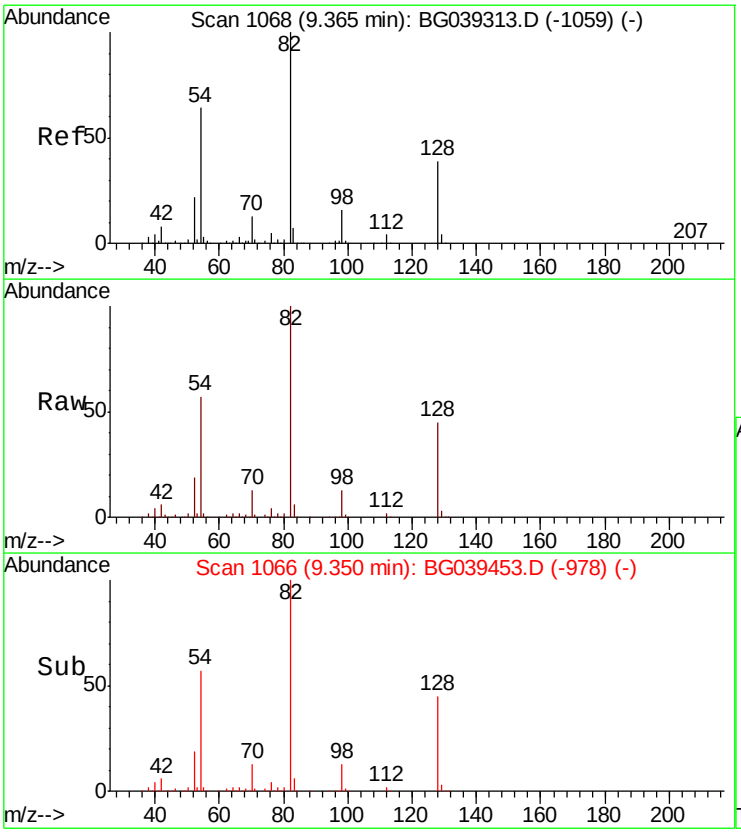
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:136 Resp: 235188

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.3	9.4	14.2
68	6.0	4.2	6.4

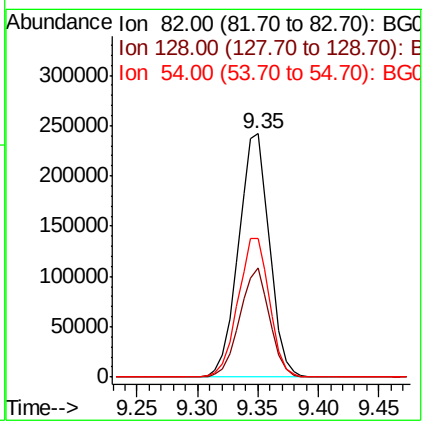


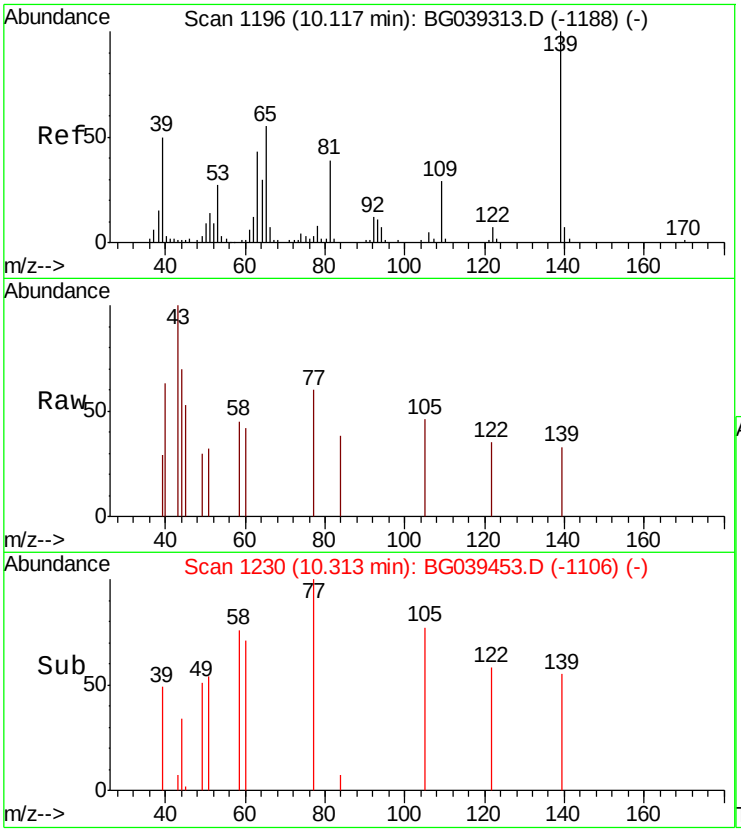


#23
Nitrobenzene-d5
Concen: 114.902 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion: 82 Resp: 432574

Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.3	46.9
54	57.1	50.9	76.3



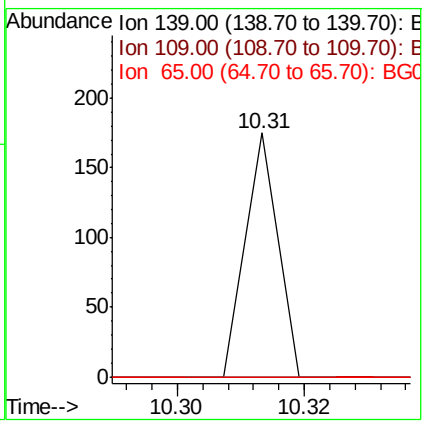


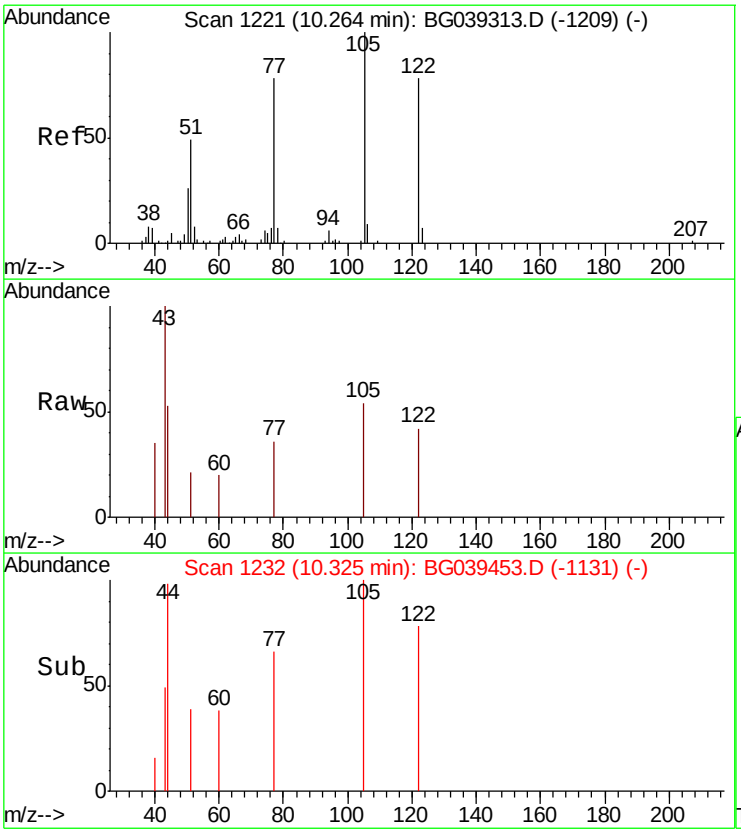
#26
2-Nitrophenol
Concen: 4.051 ng
RT: 10.31 min Scan# 1230
Delta R.T. 0.20 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:139 Resp: 62

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

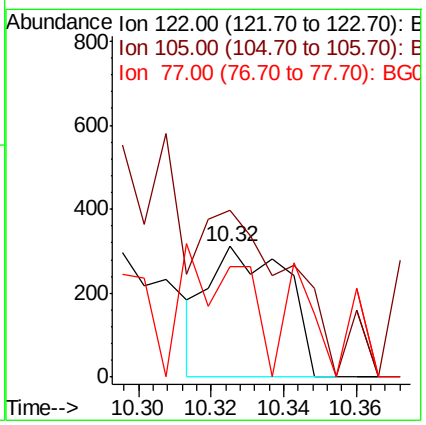


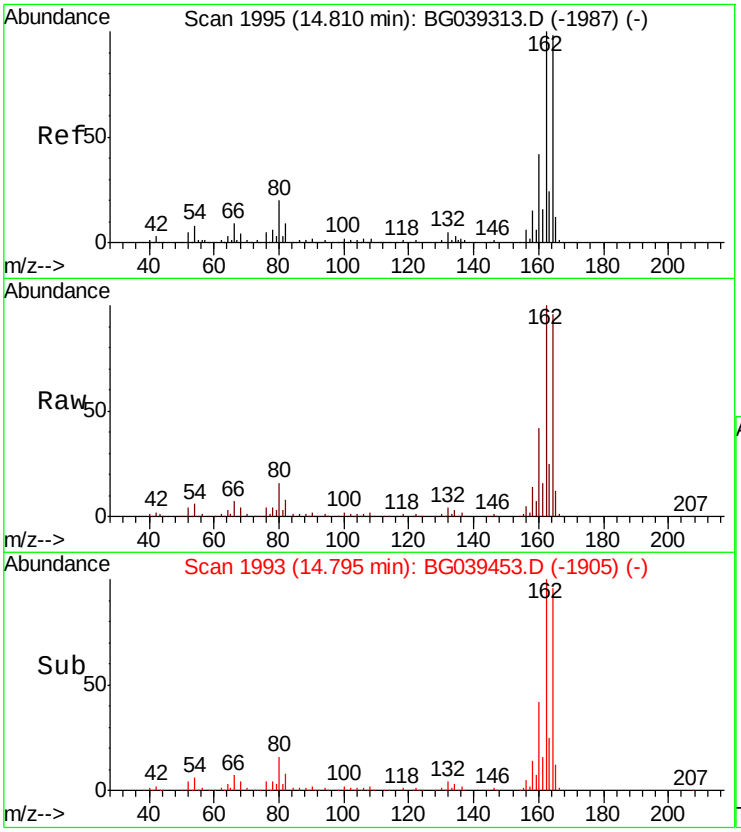


#32
Benzoic acid
Concen: 9.188 ng
RT: 10.32 min Scan# 1232
Delta R.T. 0.06 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:122 Resp: 455

Ion	Ratio	Lower	Upper
122	100		
105	127.7	101.8	141.8
77	84.2	76.3	116.3



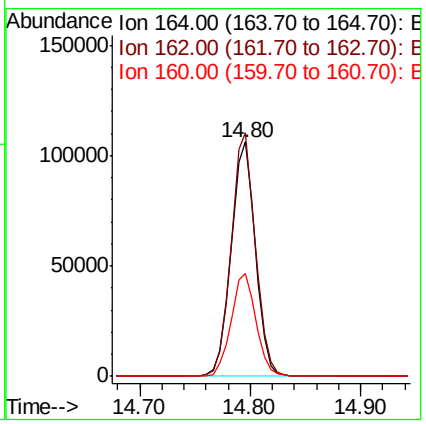


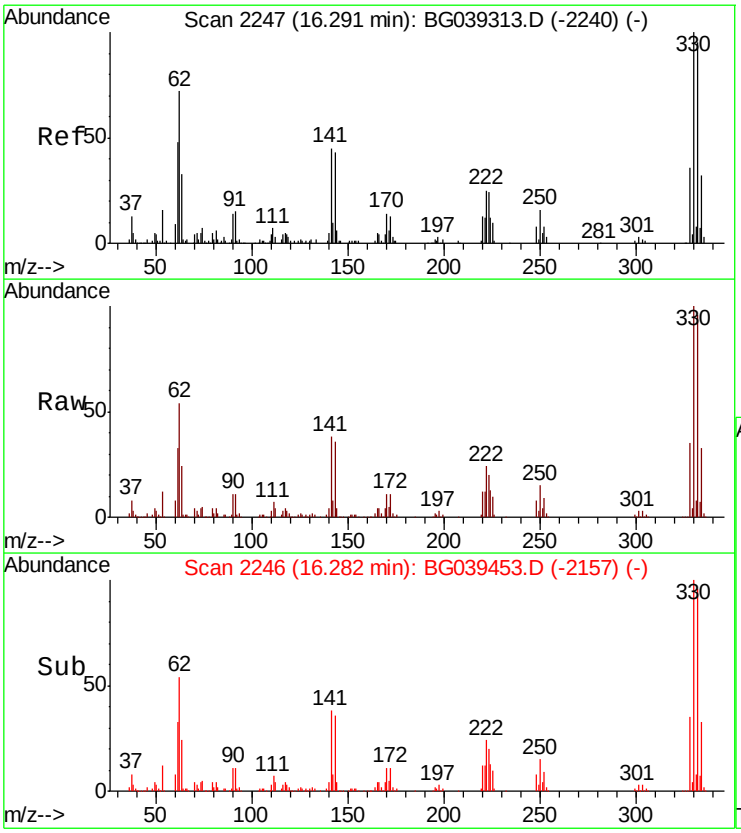
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:164 Resp: 163097

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.6	122.4
160	44.1	34.2	51.2

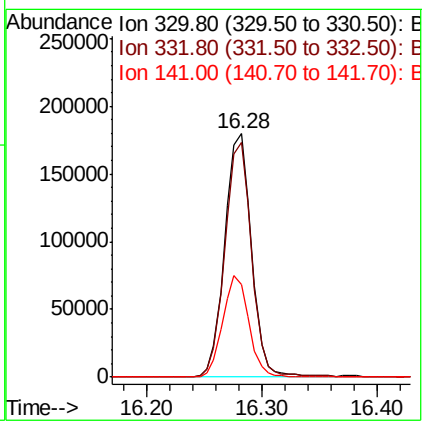


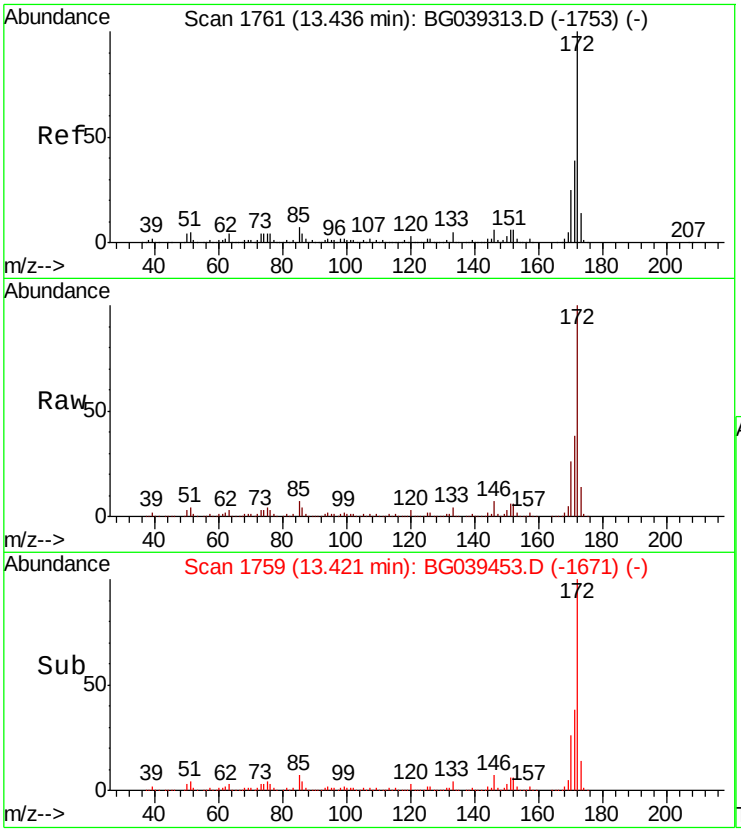


#42
2,4,6-Tribromophenol
Concen: 164.108 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:330 Resp: 288218

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	40.8	35.6	53.4



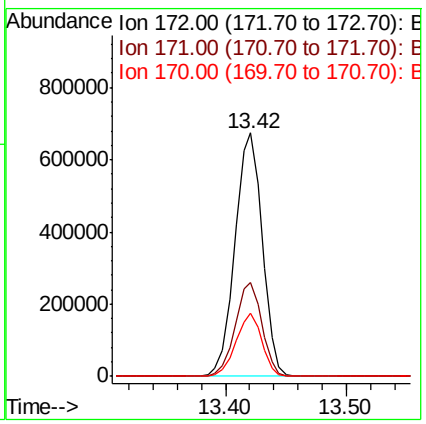


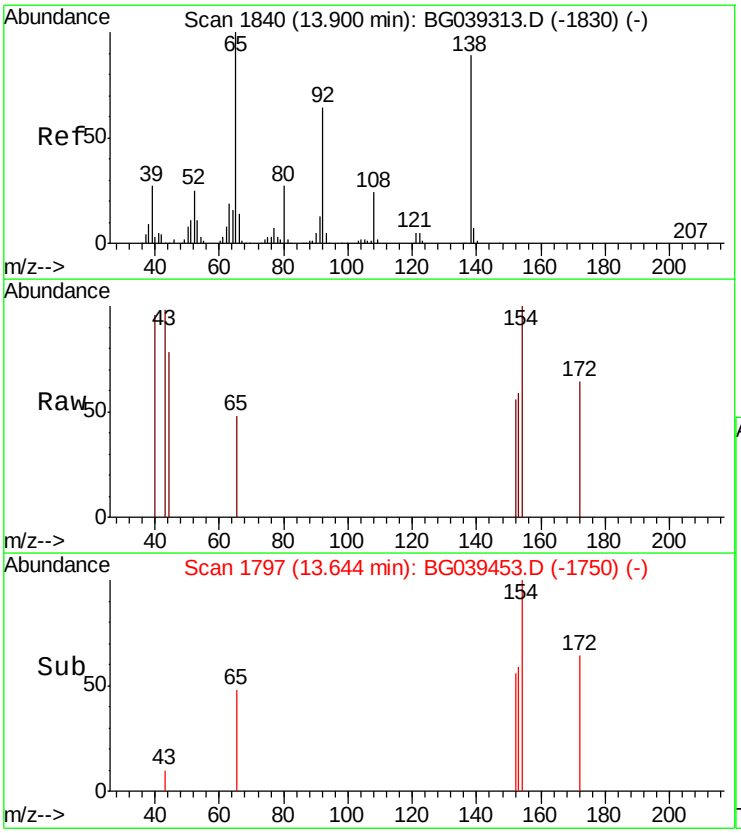
#45
2-Fluorobiphenyl
Concen: 93.304 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:172 Resp: 1060793

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.9	20.2	30.4

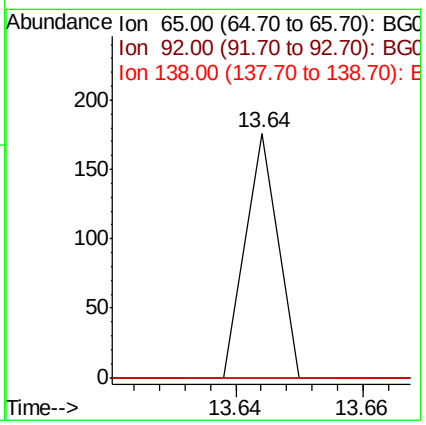


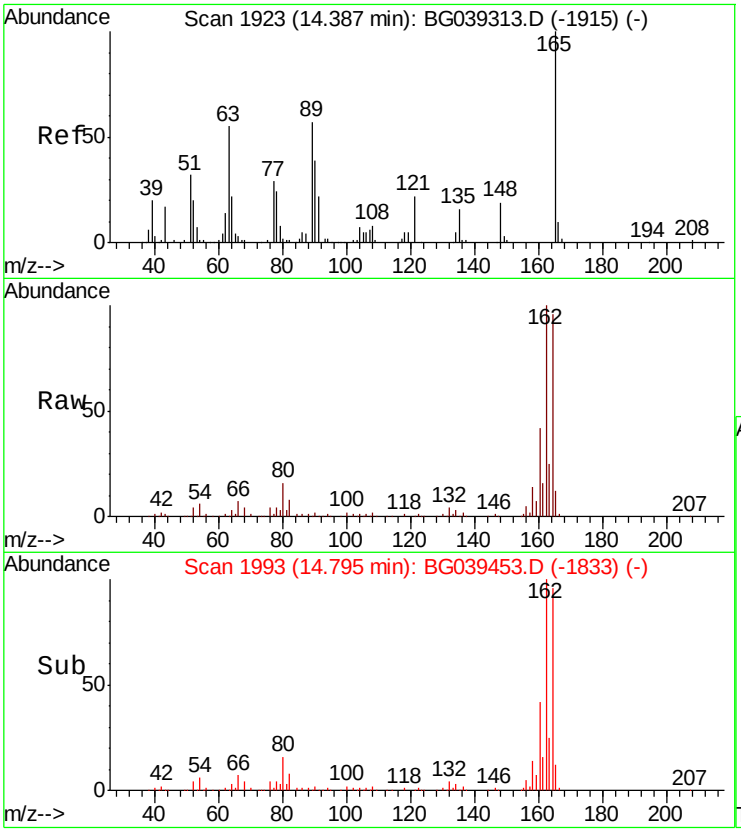


#48
2-Nitroaniline
Concen: 8.314 ng
RT: 13.64 min Scan# 1797
Delta R.T. -0.25 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion: 65 Resp: 62

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.4	77.2#
138	0.0	71.4	107.2#



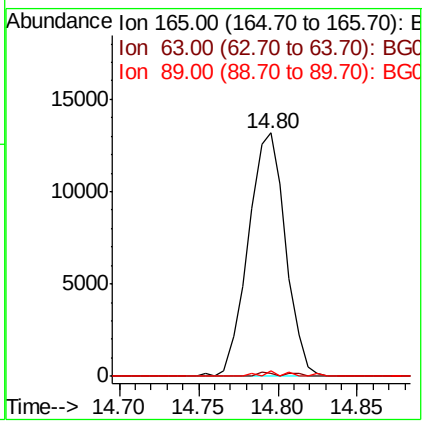


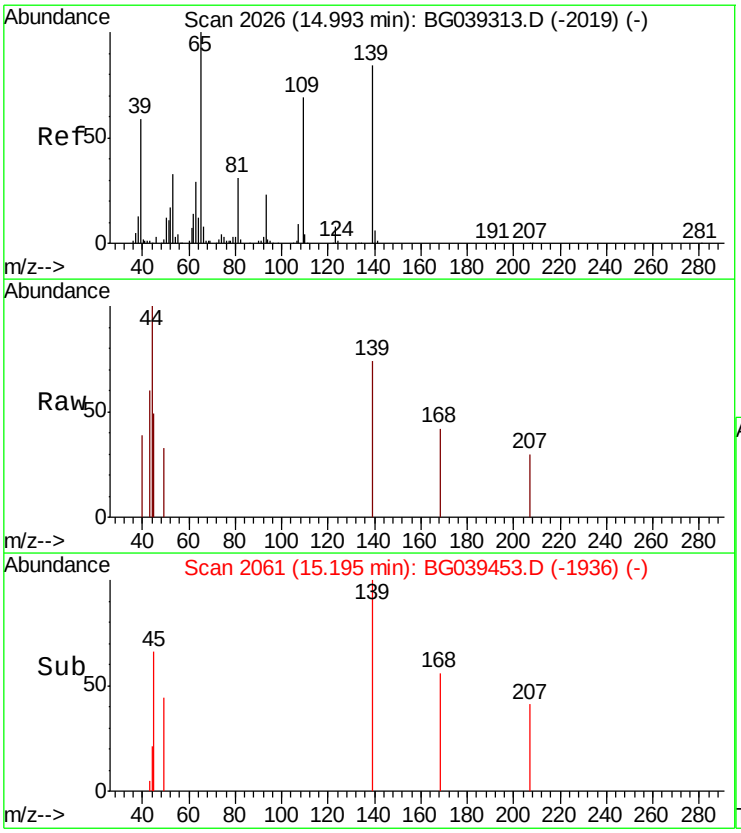
#51
2,6-Dinitrotoluene
Concen: 14.108 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:165 Resp: 21527

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.0	70.6#
89	2.1	45.8	68.8#

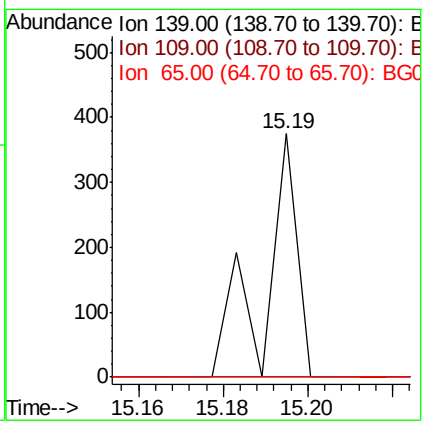


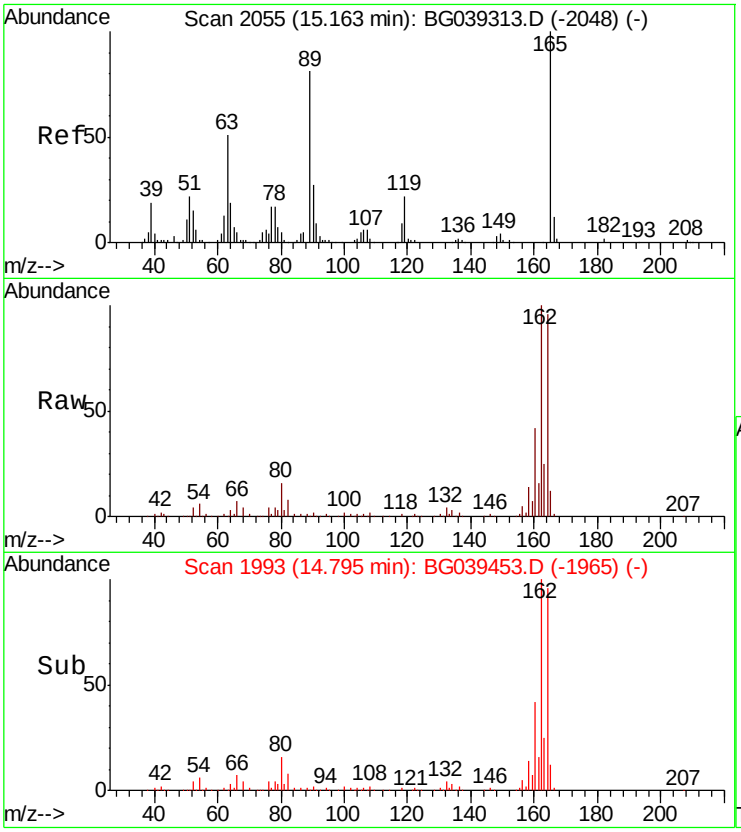


#56
4-Nitrophenol
Concen: 5.872 ng
RT: 15.19 min Scan# 2061
Delta R.T. 0.20 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:139 Resp: 200

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



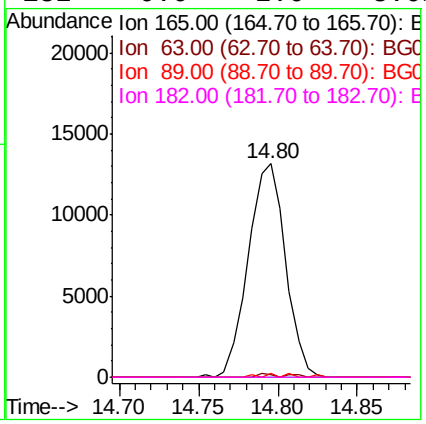


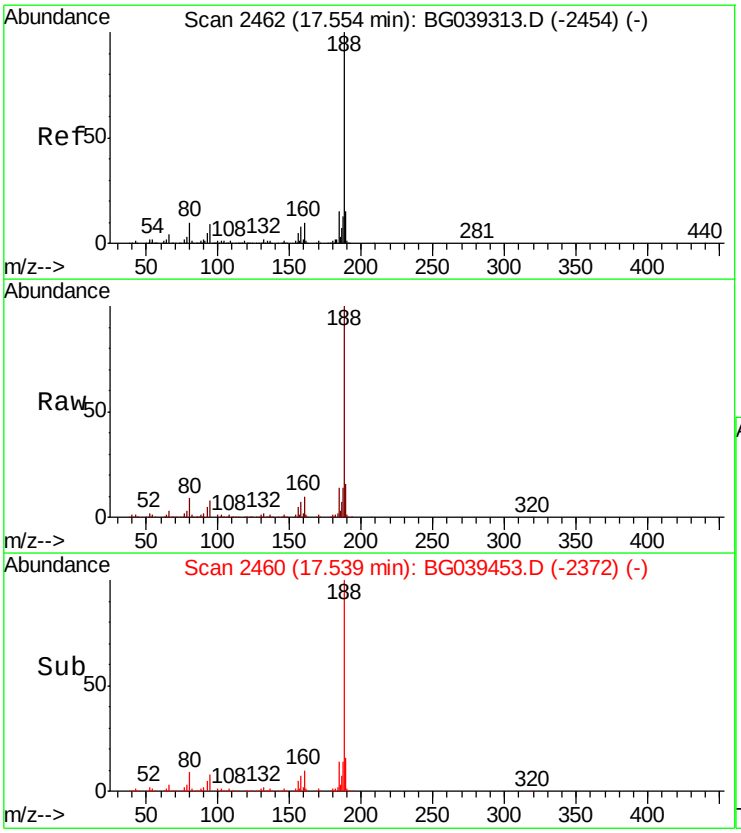
#57
2,4-Dinitrotoluene
Concen: 13.539 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:165 Resp: 21527

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.0	61.6#
89	2.1	64.6	96.8#
182	0.0	2.0	3.0#

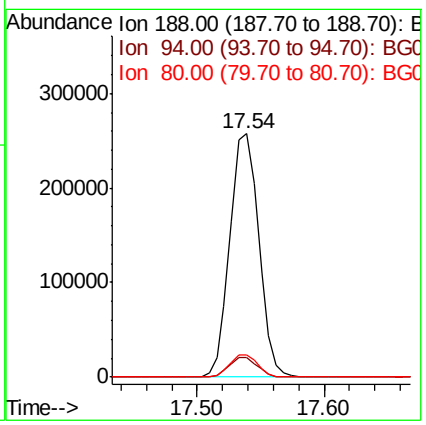


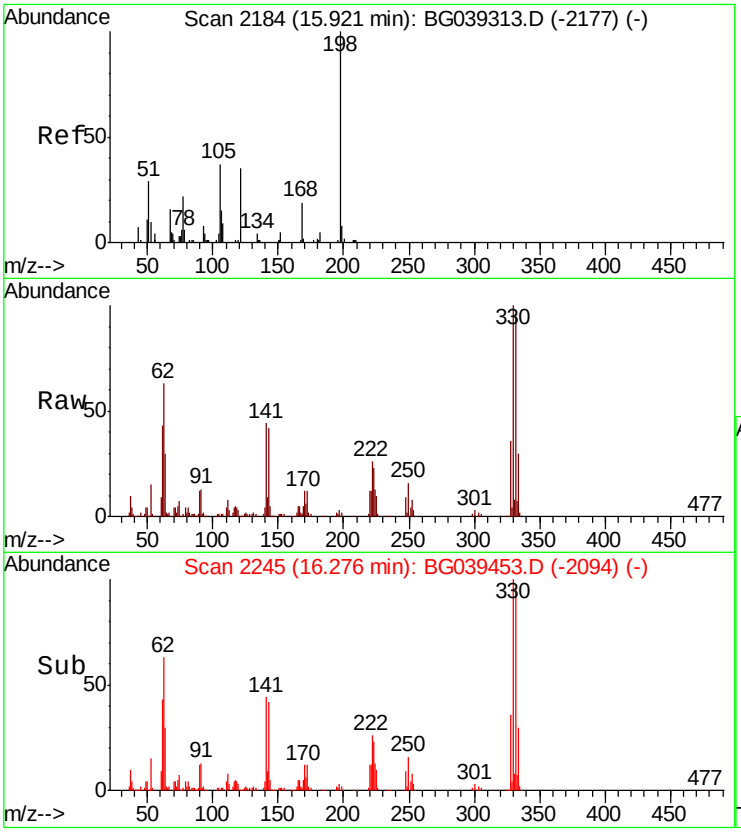


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:188 Resp: 407193

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	8.9	8.1	12.1



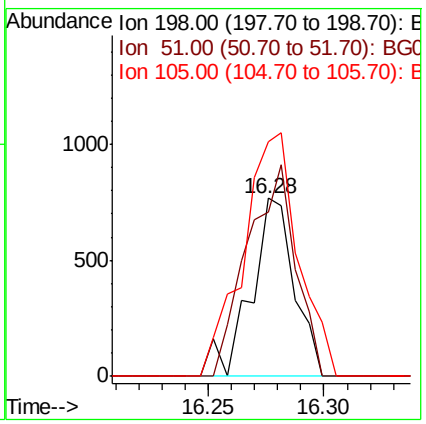


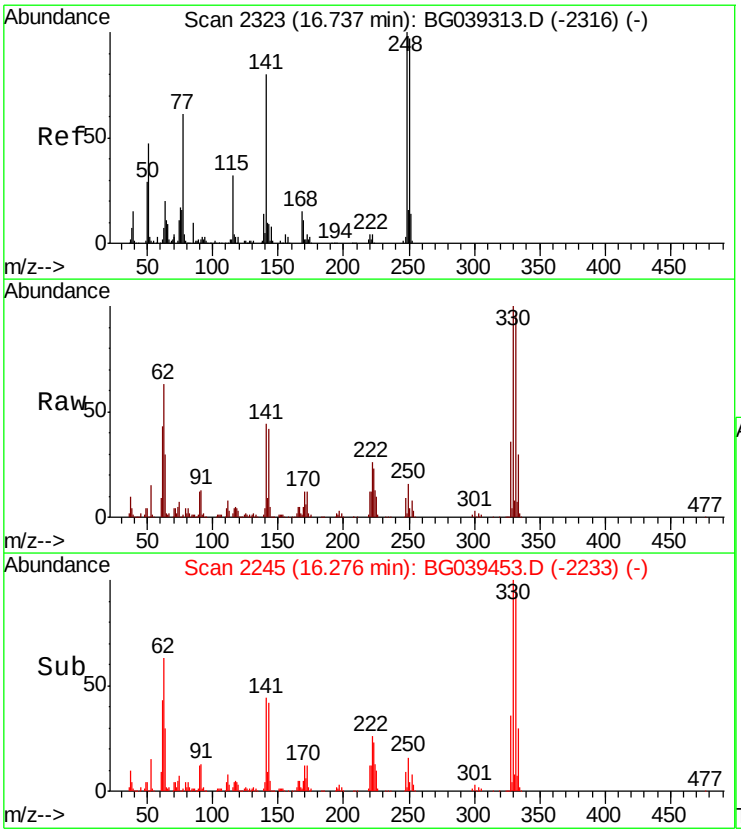
#65
4,6-Dinitro-2-methylphenol
Concen: 4.970 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:198 Resp: 1010

Ion	Ratio	Lower	Upper
198	100		
51	92.2	27.4	67.4#
105	131.9	19.7	59.7#

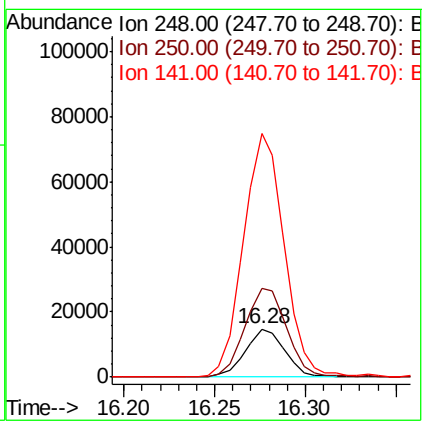


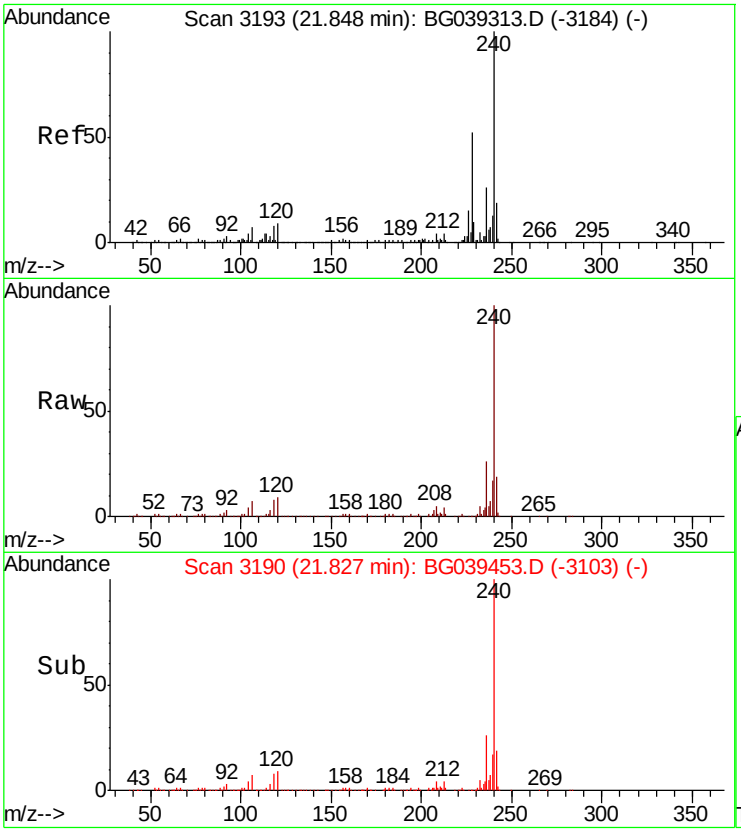


#67
4-Bromophenyl-phenylether
Concen: 4.983 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:248 Resp: 22509

Ion	Ratio	Lower	Upper
248	100		
250	185.1	77.6	116.4#
141	507.5	63.9	95.9#



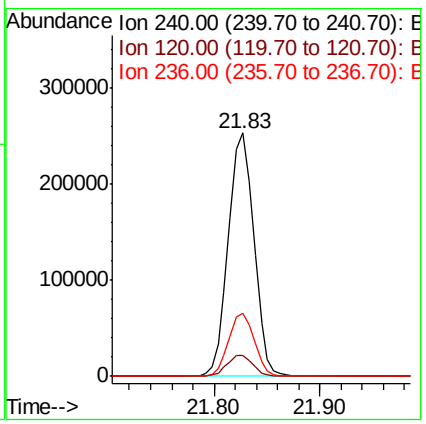


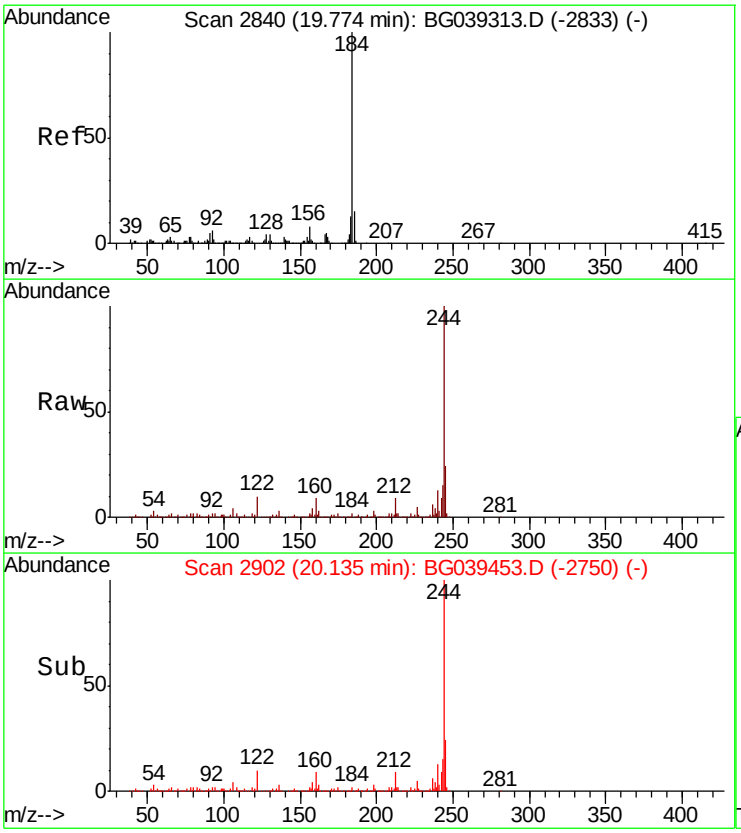
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:240 Resp: 424188

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	25.8	21.0	31.4

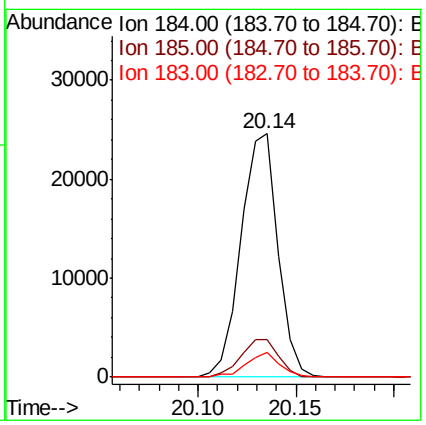


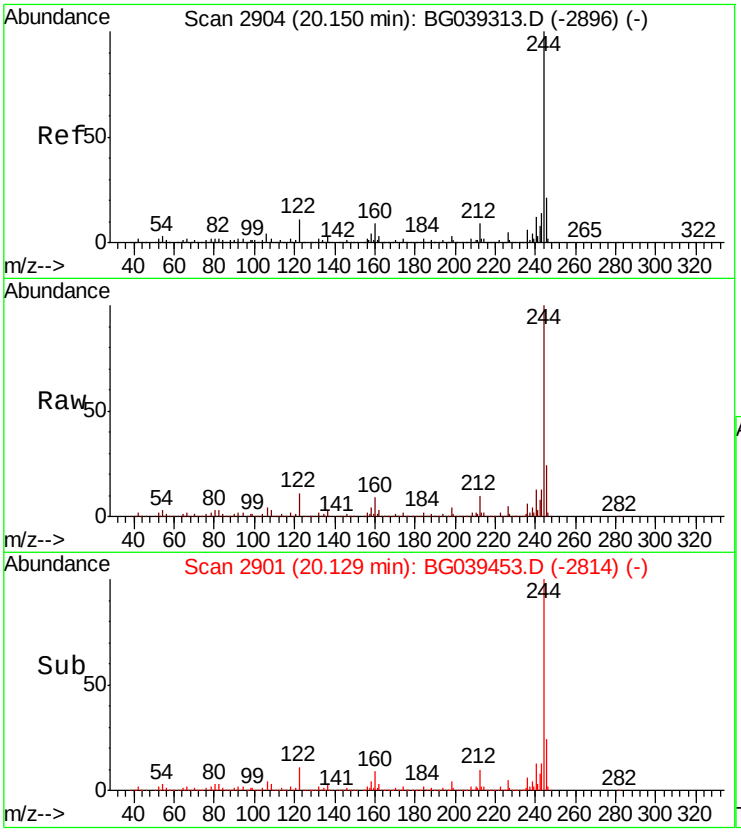


#77
Benzidine
Concen: 2.309 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:184 Resp: 32106

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	10.0	10.6	15.8#



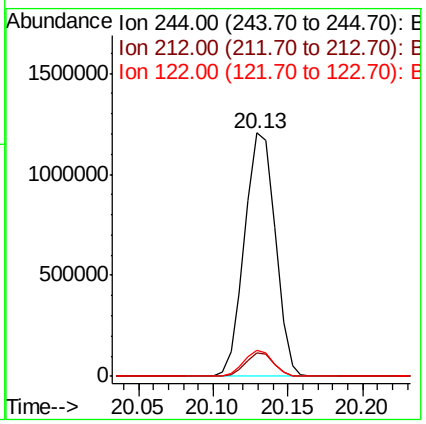


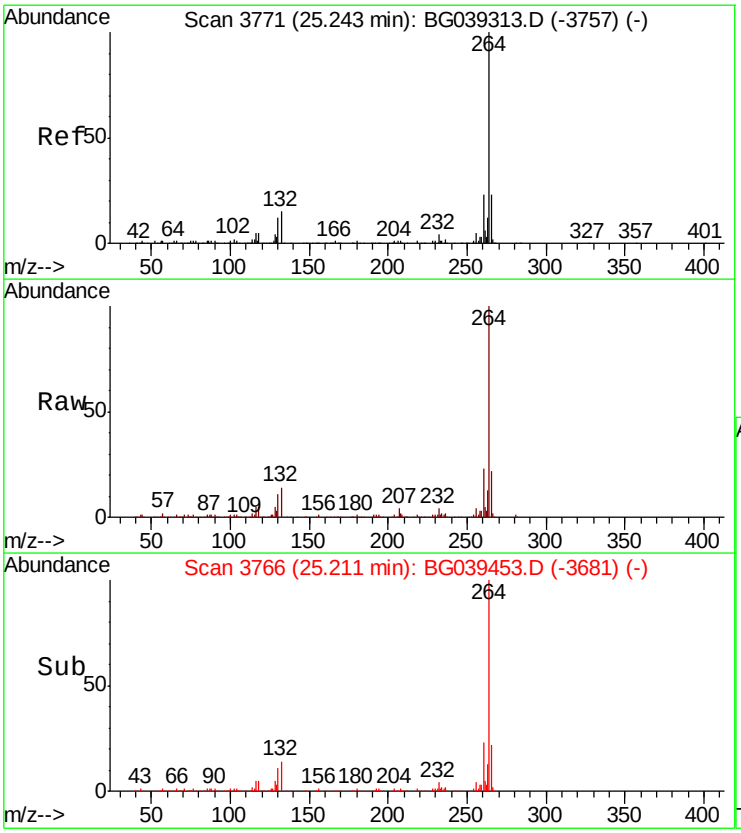
#79
Terphenyl-d14
Concen: 85.772 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039453.D
Acq: 12 Feb 2019 3:20

Instrument :
BNA_G
ClientSampleId :
COMP-10

Tgt Ion:244 Resp: 1718888

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.8	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: BG039453.D
Acq: 12 Feb 2019 3:20

Tgt Ion:264 Resp: 424470

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.4	18.5	27.7