Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039464.D
Acq On : 12 Feb 2019 15:13
Operator : JU/SJ
Sample : K1462-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 12 18:01:18 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	53080	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	243508	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	177426	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	411601	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	394125	20.00	ng		-0.02
87) Perylene-d12	25.21	264	401431	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	490799	158.25	ng		0.00
7) Phenol-d6	7.31	99	740292	162.16	ng		-0.01
23) Nitrobenzene-d5	9.35	82	430672	110.49	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	294435	154.11	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	1062387	85.90	ng		-0.02
79) Terphenyl-d14	20.13	244	1454147	78.10	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.30	77	1301	Below Cal		#	4
10) Phenol	7.33	94	12049	2.532	ng		83
19) n-Nitroso-di-n-propylamine	9.35	70	54866	16.933	ng	#	69
48) 2-Nitroaniline	14.04	65	69	8.314	ng	#	10
50) Dimethylphthalate	14.24	163	99202	6.923	ng		99
51) 2,6-Dinitrotoluene	14.24	165	1307	6.980	ng	#	13
57) 2,4-Dinitrotoluene	14.79	165	23207	13.487	ng	#	20
62) 4-Nitroaniline	16.01	138	63	4.222	ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	1025	4.973	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	22300	4.884	ng	#	1
77) Benzidine	20.13	184	25893	2.004	ng	#	93

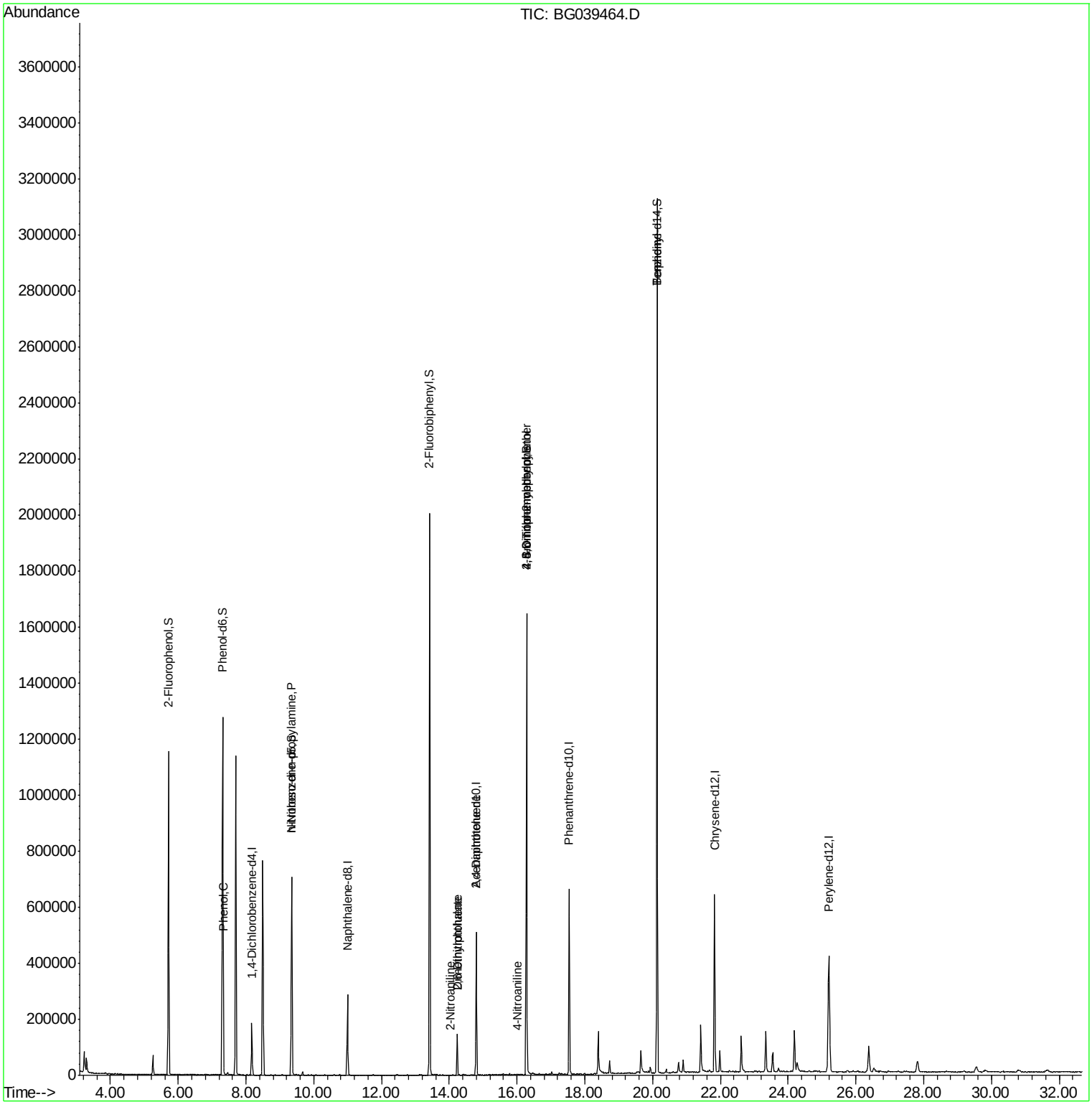
(#) = qualifier out of range (m) = manual integration (+) = signals summed

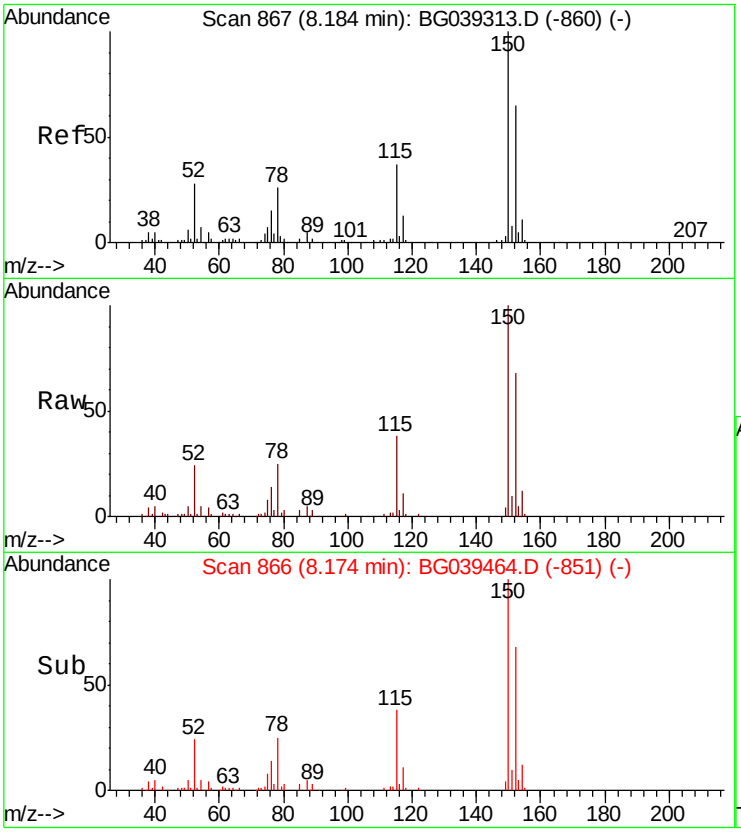
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039464.D
Acq On : 12 Feb 2019 15:13
Operator : JU/SJ
Sample : K1462-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 12 18:01:18 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



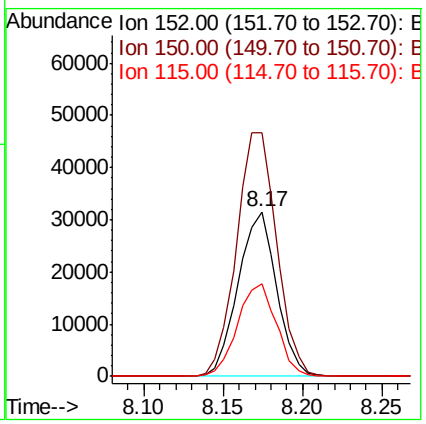


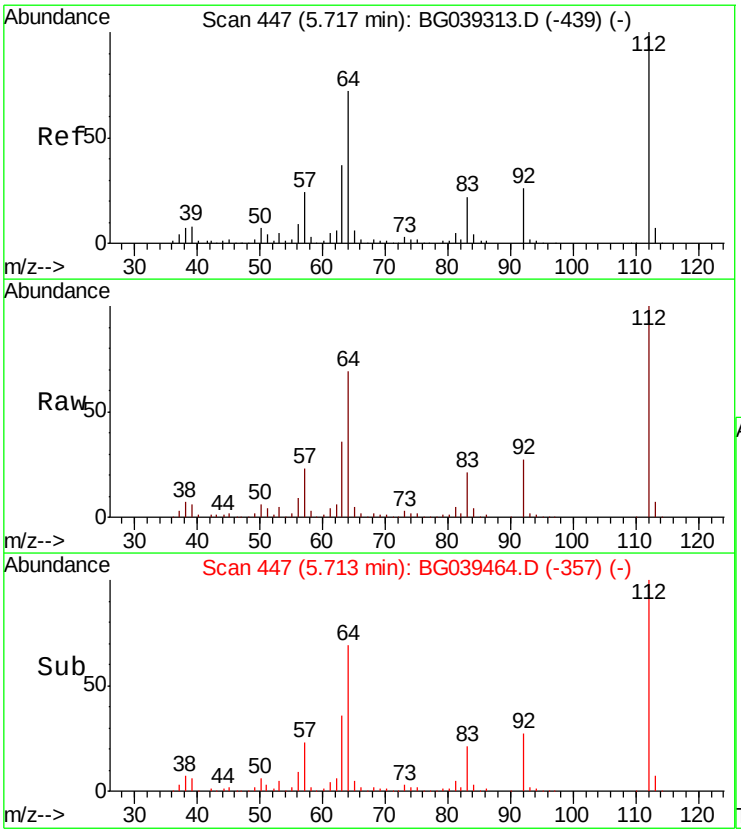
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 53080

Ion	Ratio	Lower	Upper
152	100		
150	147.7	123.7	185.5
115	56.1	45.9	68.9

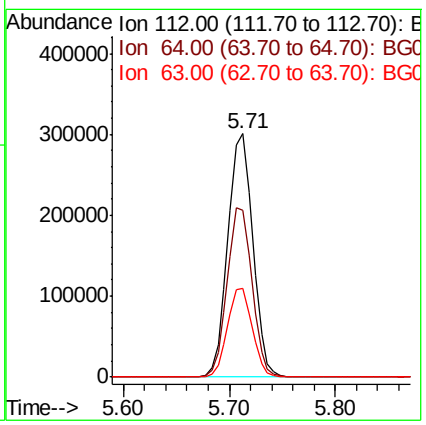


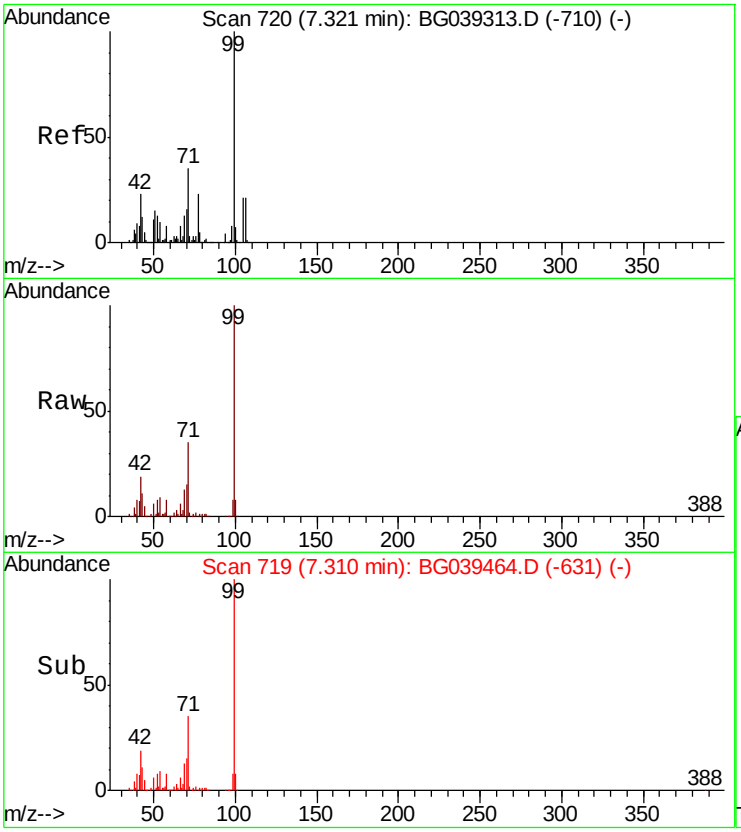


#5
2-Fluorophenol
Concen: 158.253 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:112 Resp: 490799

Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	36.3	29.8	44.6



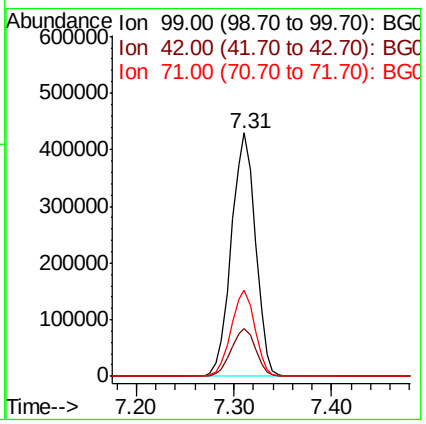


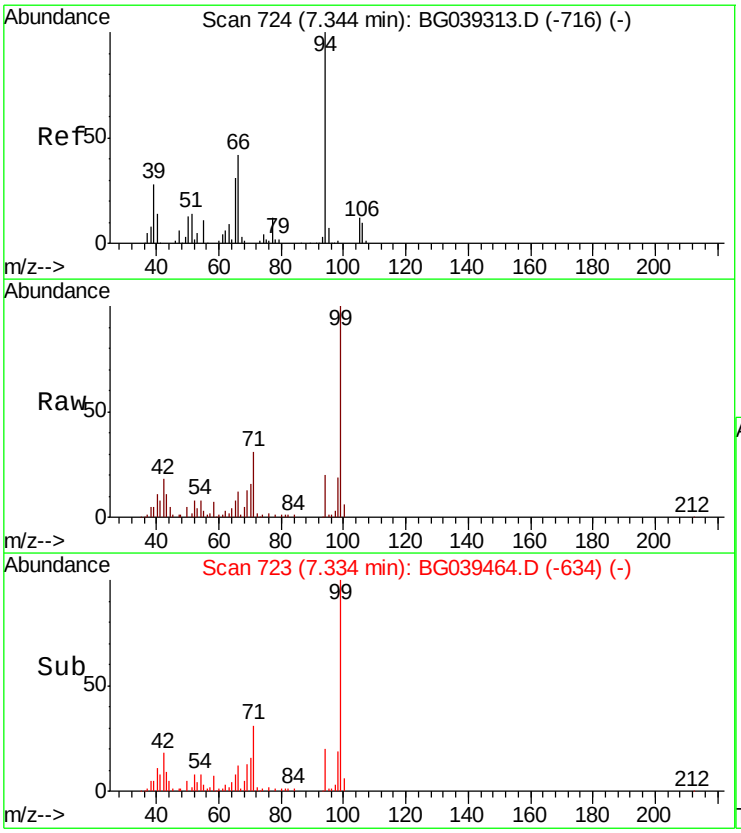
#7
Phenol-d6
Concen: 162.163 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 740292

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	35.1	28.0	42.0

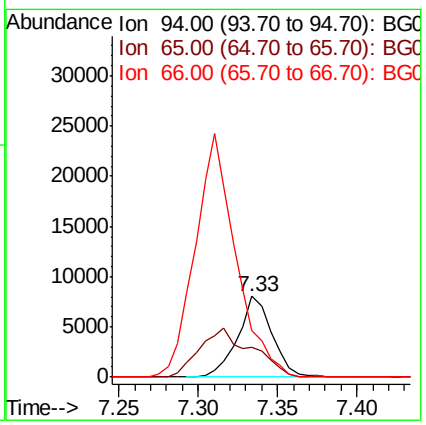


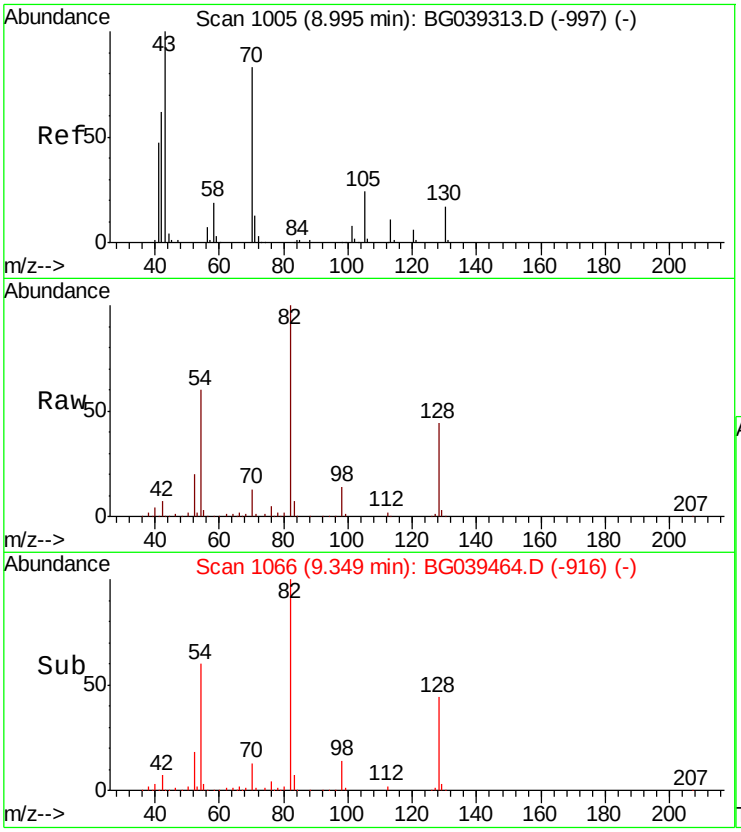


#10
Phenol
Concen: 2.532 ng
RT: 7.33 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion: 94 Resp: 12049

Ion	Ratio	Lower	Upper
94	100		
65	37.3	11.7	51.7
66	58.0	23.7	63.7



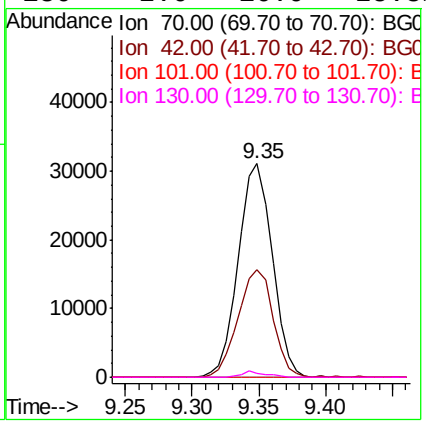


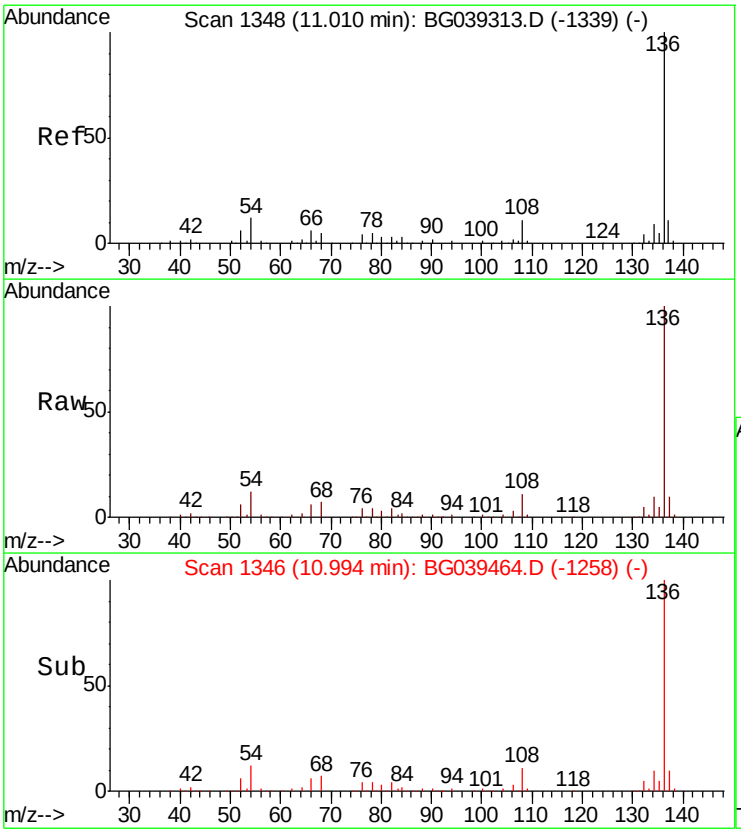
#19
n-Nitroso-di-n-propylamine
Concen: 16.933 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 54866

Ion	Ratio	Lower	Upper
70	100		
42	50.6	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#

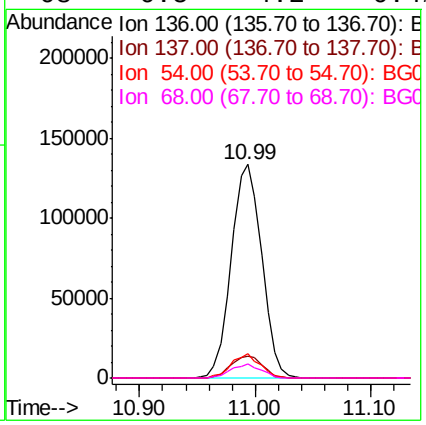


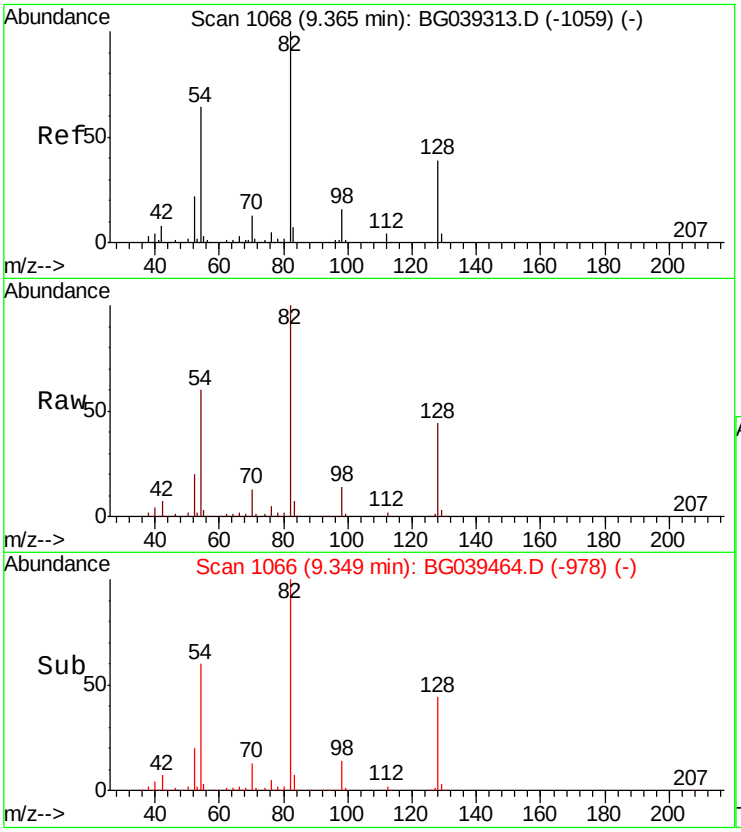


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:136 Resp: 243508

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.7	9.4	14.2
68	6.5	4.2	6.4#



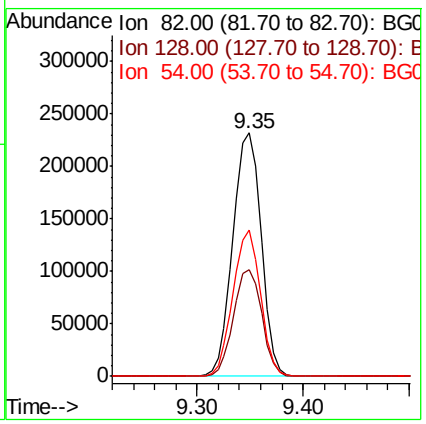


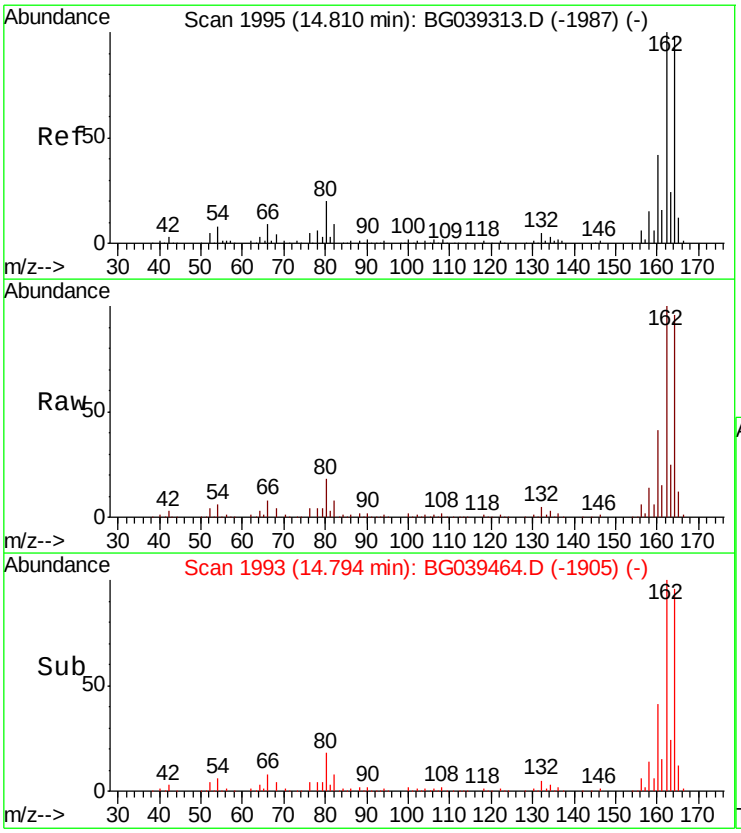
#23
Nitrobenzene-d5
Concen: 110.488 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 430672

Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	59.9	50.9	76.3

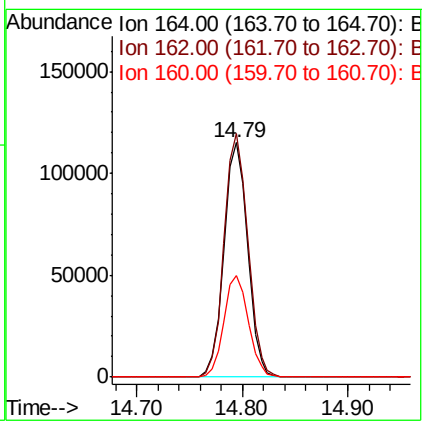


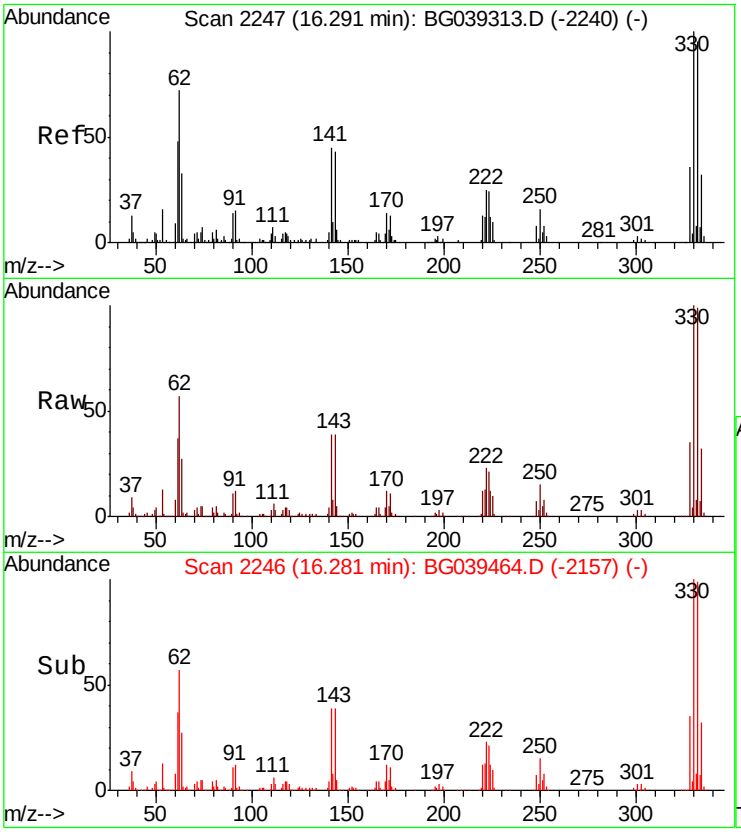


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:164 Resp: 177426

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	43.1	34.2	51.2



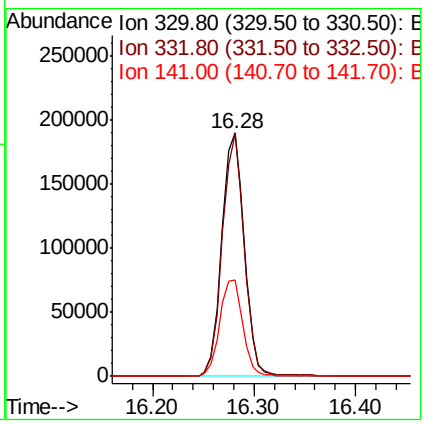


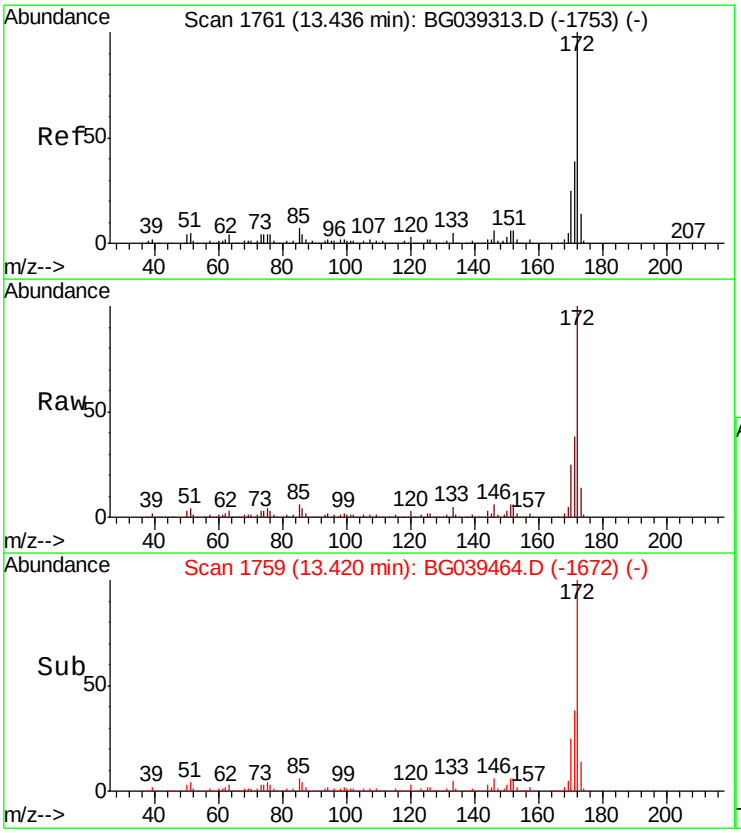
#42
2,4,6-Tribromophenol
Concen: 154.108 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 294435

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.7	113.5
141	40.4	35.6	53.4

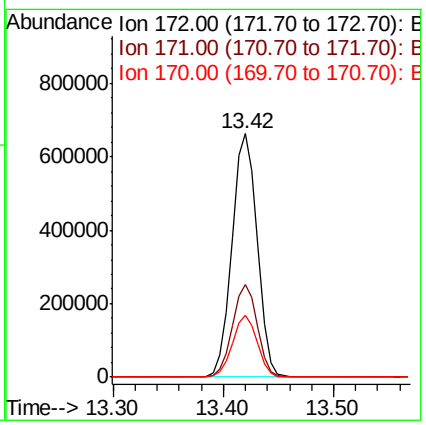


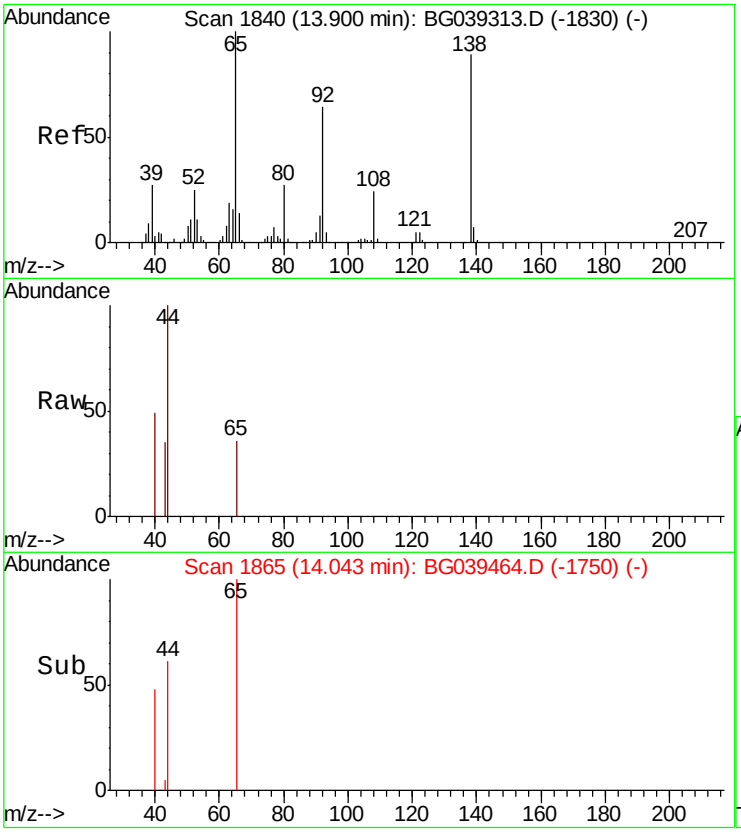


#45
2-Fluorobiphenyl
Concen: 85.898 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:172 Resp: 1062387

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.2	20.2	30.4



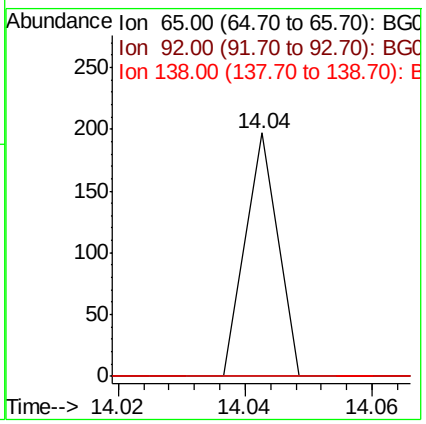


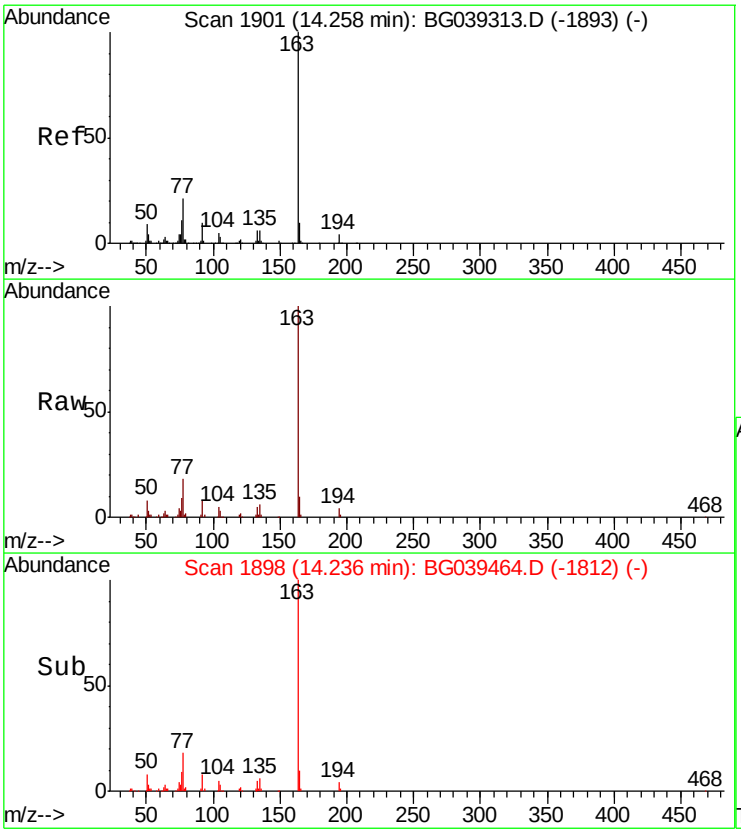
#48
2-Nitroaniline
Concen: 8.314 ng
RT: 14.04 min Scan# 1865
Delta R.T. 0.14 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 69

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

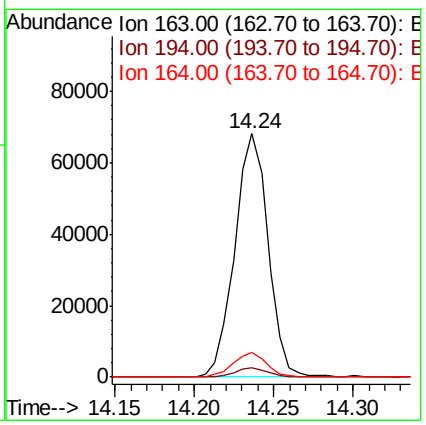


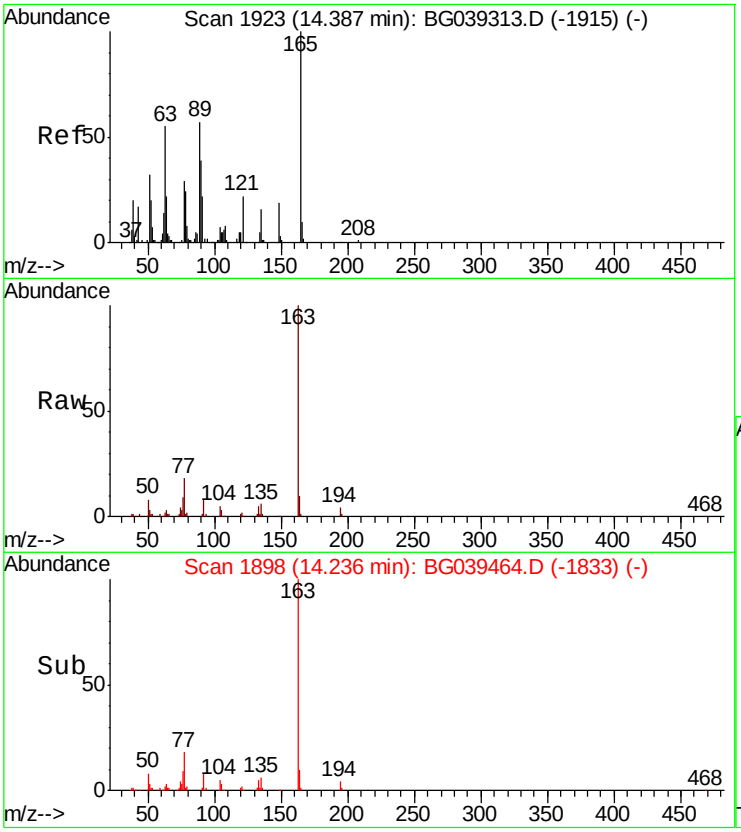


#50
Dimethylphthalate
Concen: 6.923 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:163 Resp: 99202

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.4	8.4	12.6



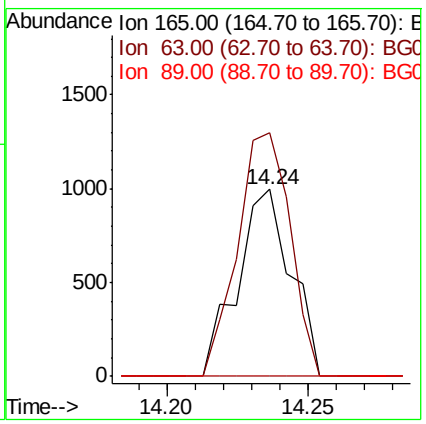


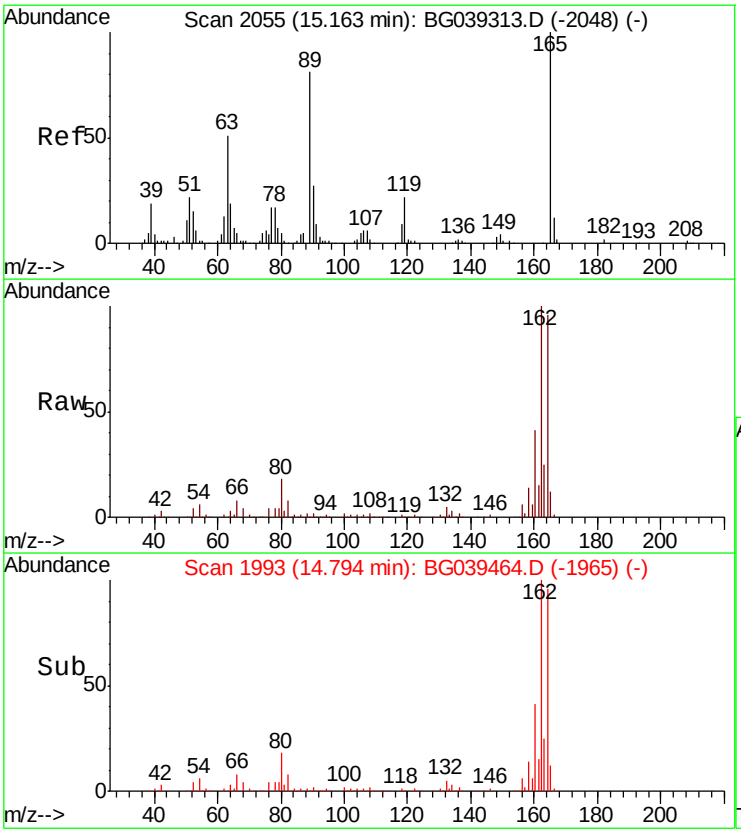
#51
2,6-Dinitrotoluene
Concen: 6.980 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.15 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 1307

Ion	Ratio	Lower	Upper
165	100		
63	130.3	47.0	70.6#
89	0.0	45.8	68.8#

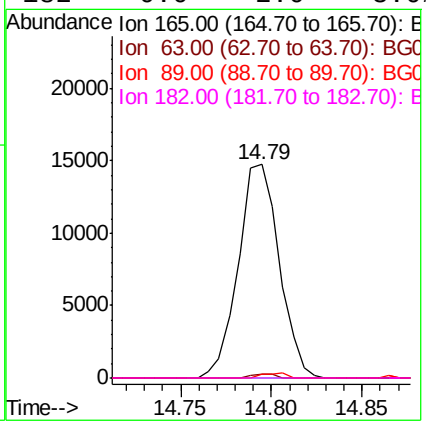


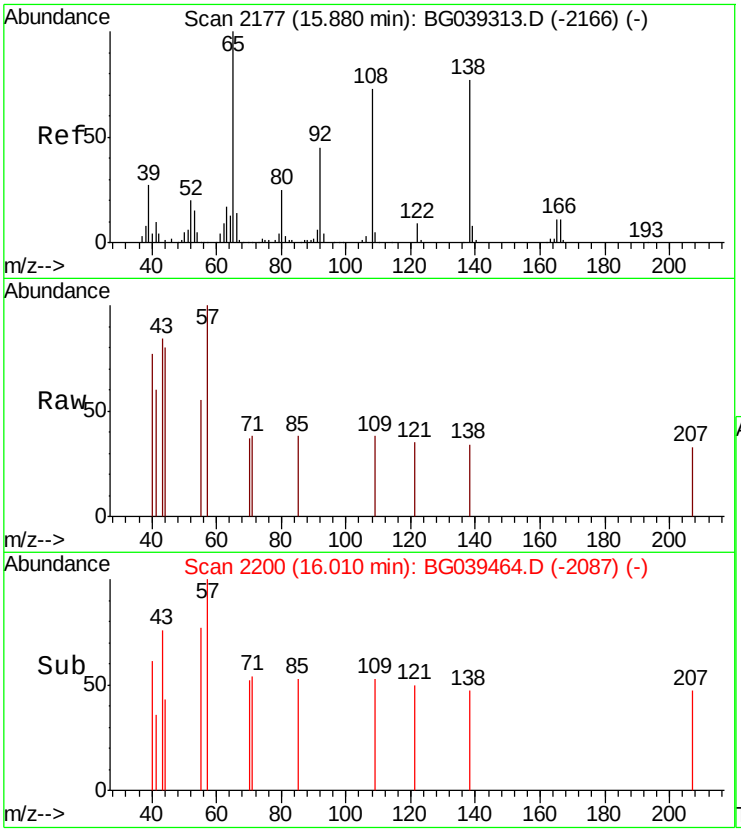


#57
2,4-Dinitrotoluene
Concen: 13.487 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:165 Resp: 23207

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



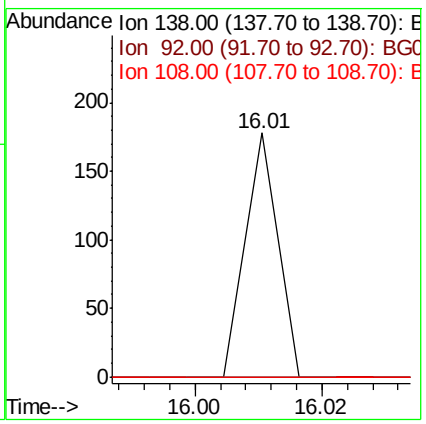


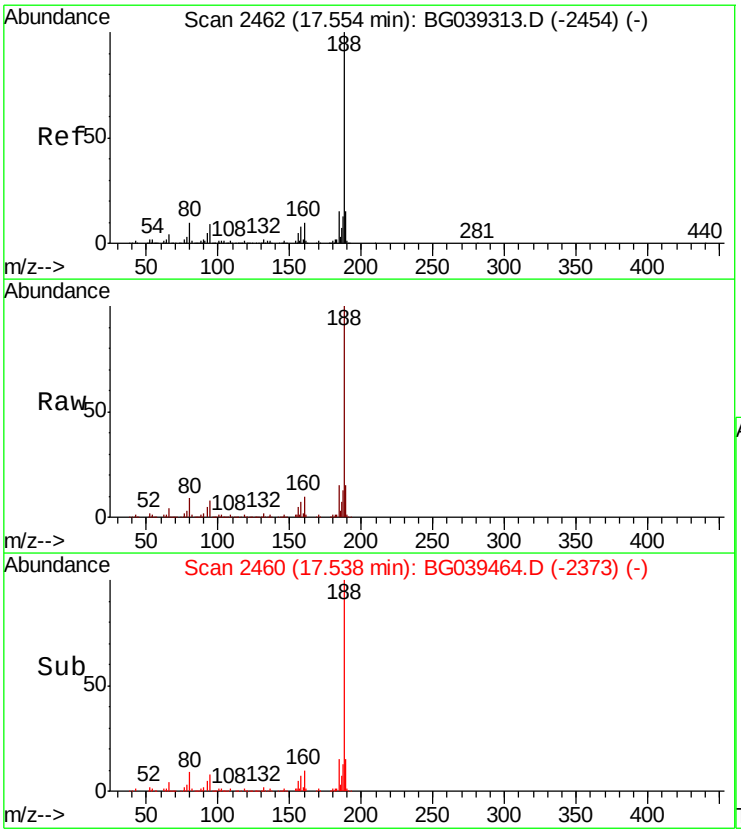
#62
4-Nitroaniline
Concen: 4.222 ng
RT: 16.01 min Scan# 2200
Delta R.T. 0.13 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 63

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

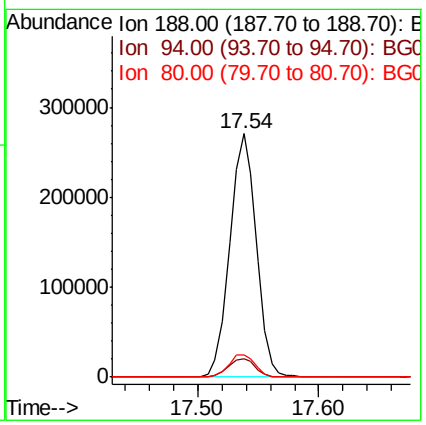


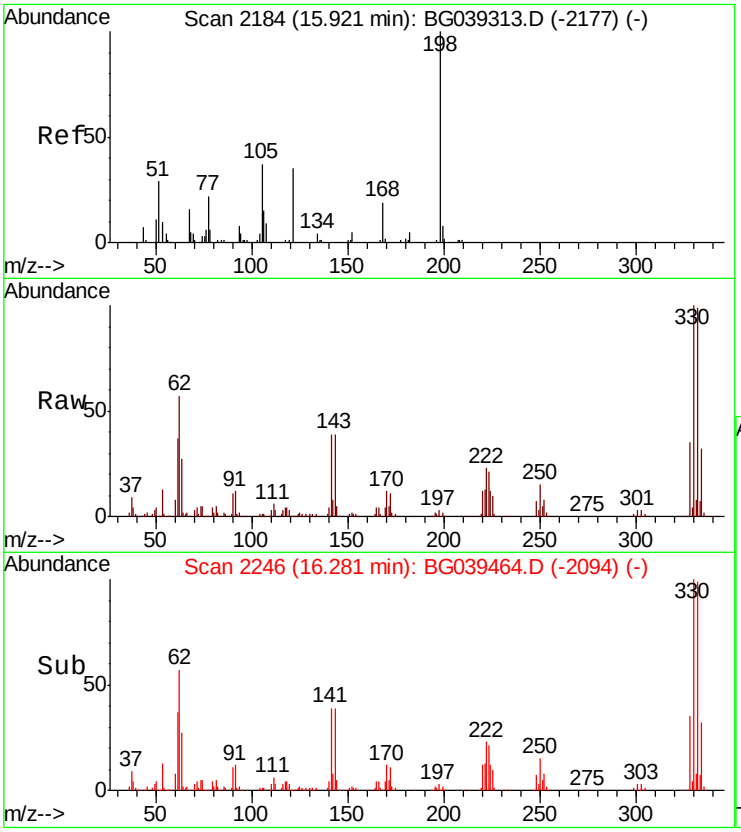


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:188 Resp: 411601

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.1	8.1	12.1



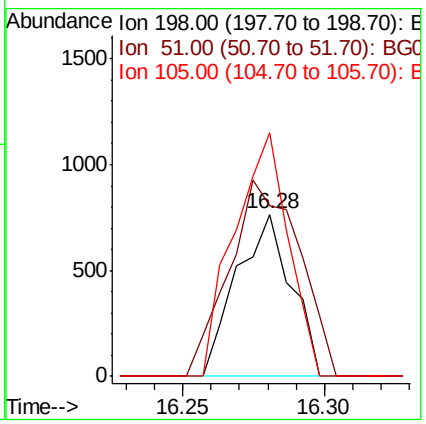


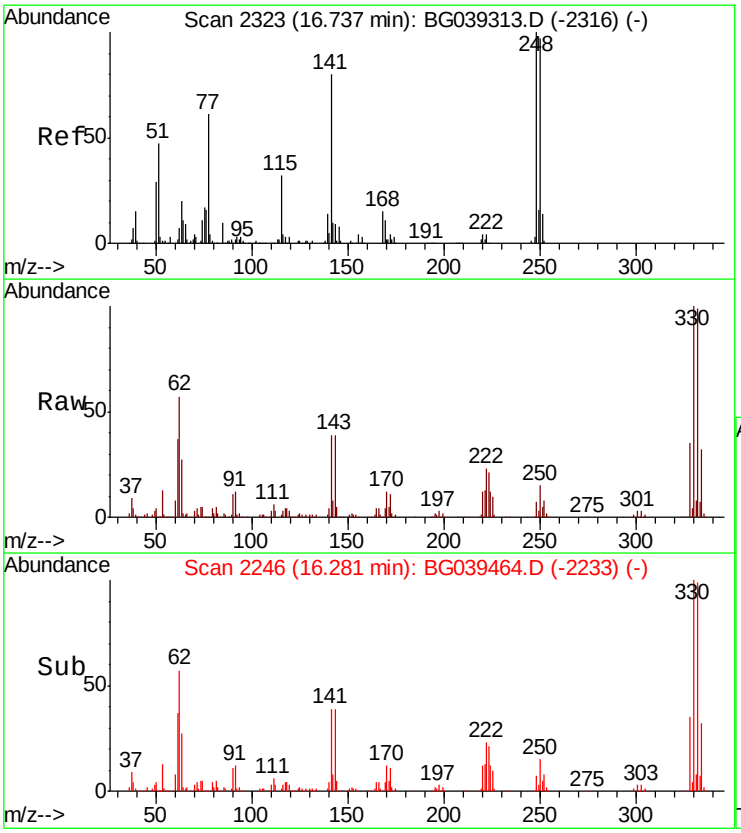
#65
4,6-Dinitro-2-methylphenol
Concen: 4.973 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1025

Ion	Ratio	Lower	Upper
198	100		
51	105.2	27.4	67.4#
105	150.1	19.7	59.7#

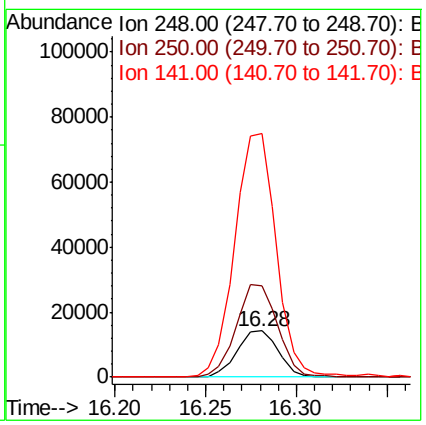


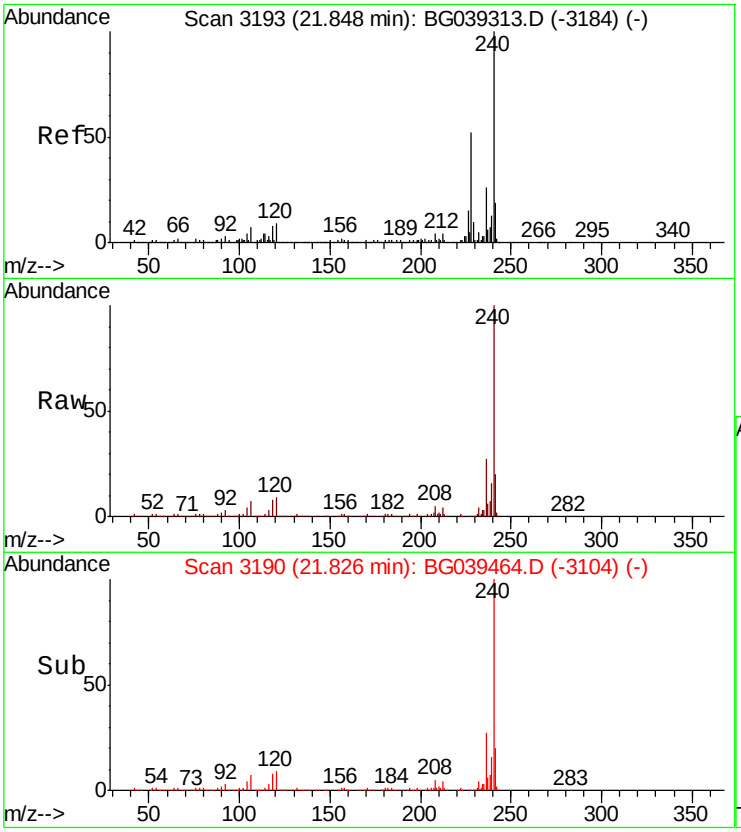


#67
4-Bromophenyl-phenylether
Concen: 4.884 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:248 Resp: 22300

Ion	Ratio	Lower	Upper
248	100		
250	198.5	77.6	116.4#
141	527.1	63.9	95.9#



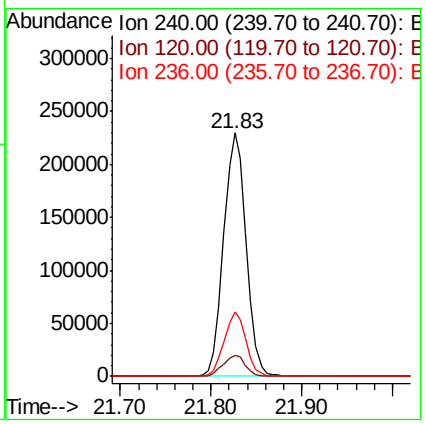


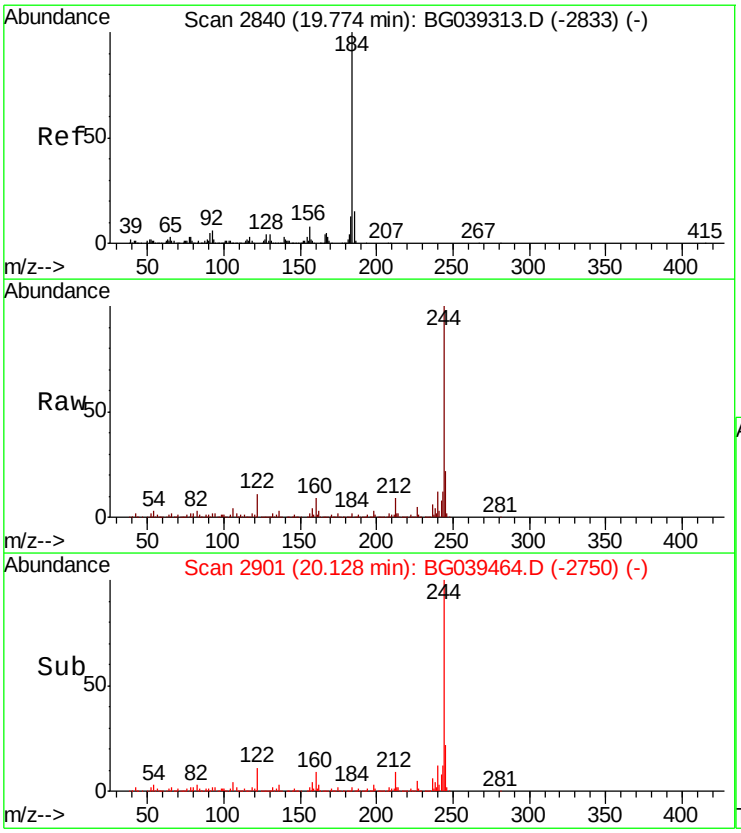
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 394125

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.6	21.0	31.4

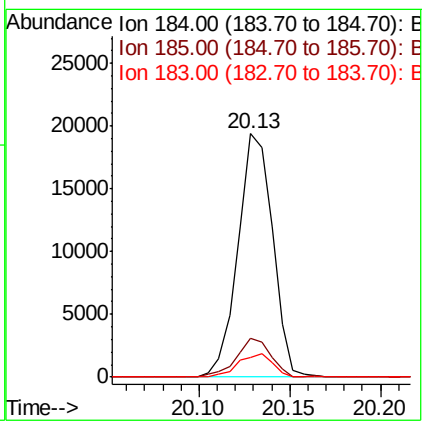


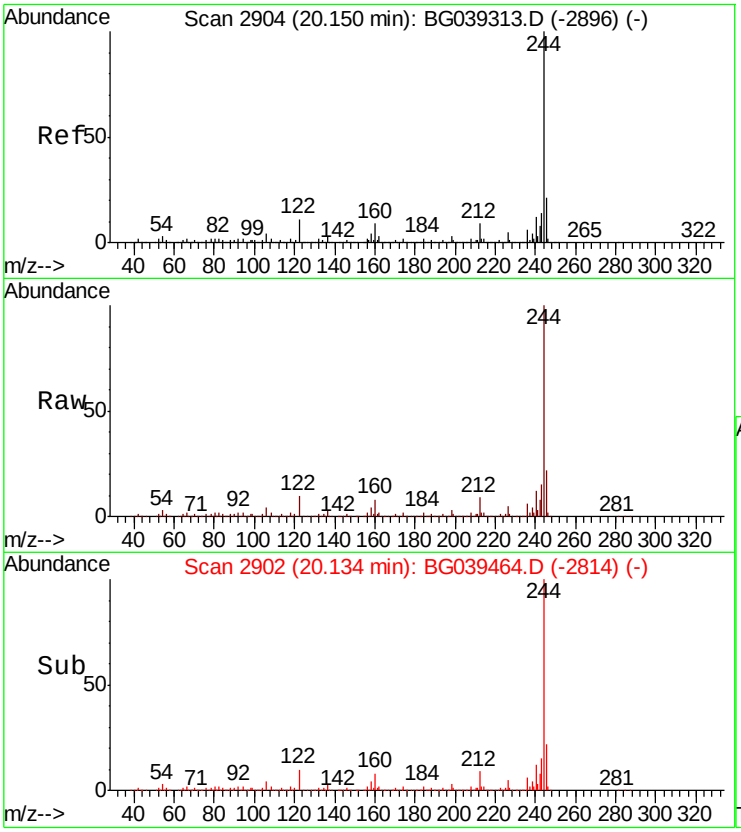


#77
Benzidine
Concen: 2.004 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.35 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:184 Resp: 25893

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.2	18.2
183	8.2	10.6	15.8#



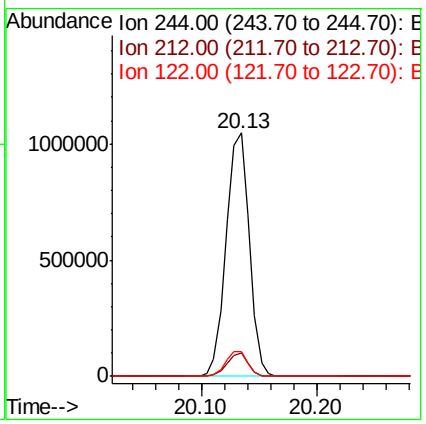


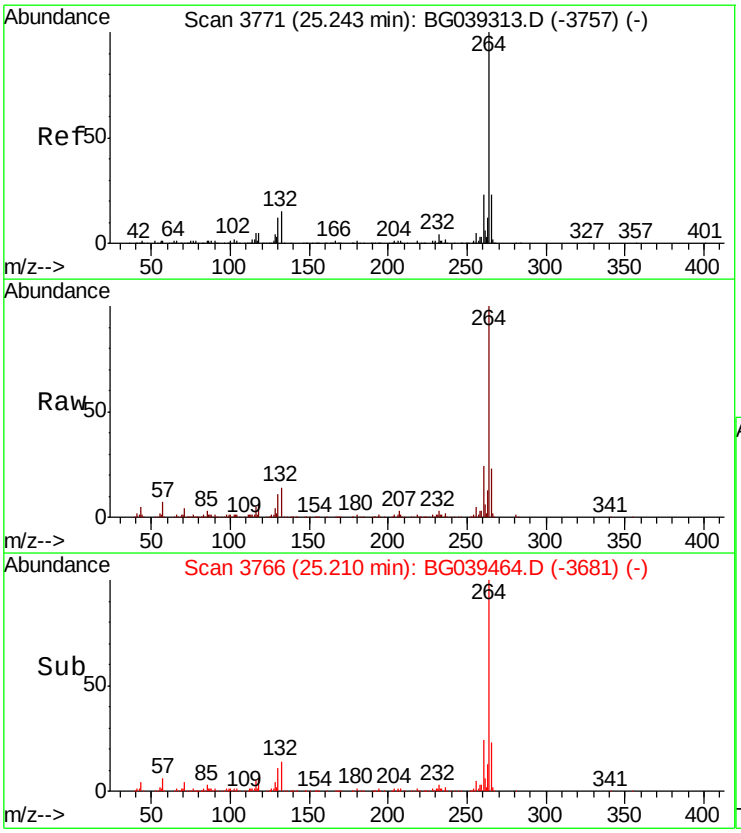
#79
Terphenyl-d14
Concen: 78.096 ng
RT: 20.13 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1454147

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.9	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: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:264 Resp: 401431

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.8	18.5	27.7