Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022519\
Data File : BG039591.D
Acq On : 25 Feb 2019 17:53
Operator : JU/SJ
Sample : K1592-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Time: Feb 25 21:42:57 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	57048	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	255442	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	179013	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	429314	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	430052	20.00	ng	-0.02
87) Perylene-d12	25.21	264	306520	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	468432	140.54	ng	0.00
7) Phenol-d6	7.31	99	610760	124.48	ng	0.00
23) Nitrobenzene-d5	9.35	82	471920	115.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	212274	110.12	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1121342	89.86	ng	-0.02
79) Terphenyl-d14	20.13	244	1781702	87.69	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1171	Below Cal	#	16
19) n-Nitroso-di-n-propylamine	9.35	70	62807	18.036	ng	# 72
32) Benzoic acid	10.22	122	5750	10.966	ng	87
48) 2-Nitroaniline	13.75	65	56	8.311	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	23436	14.047	ng	# 24
53) 3-Nitroaniline	14.90	138	67	5.813	ng	# 1
56) 4-Nitrophenol	15.19	139	376	5.927	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	23436	13.492	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	687	4.687	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	15557	3.266	ng	# 1
77) Benzidine	20.13	184	31559	2.238	ng	# 91

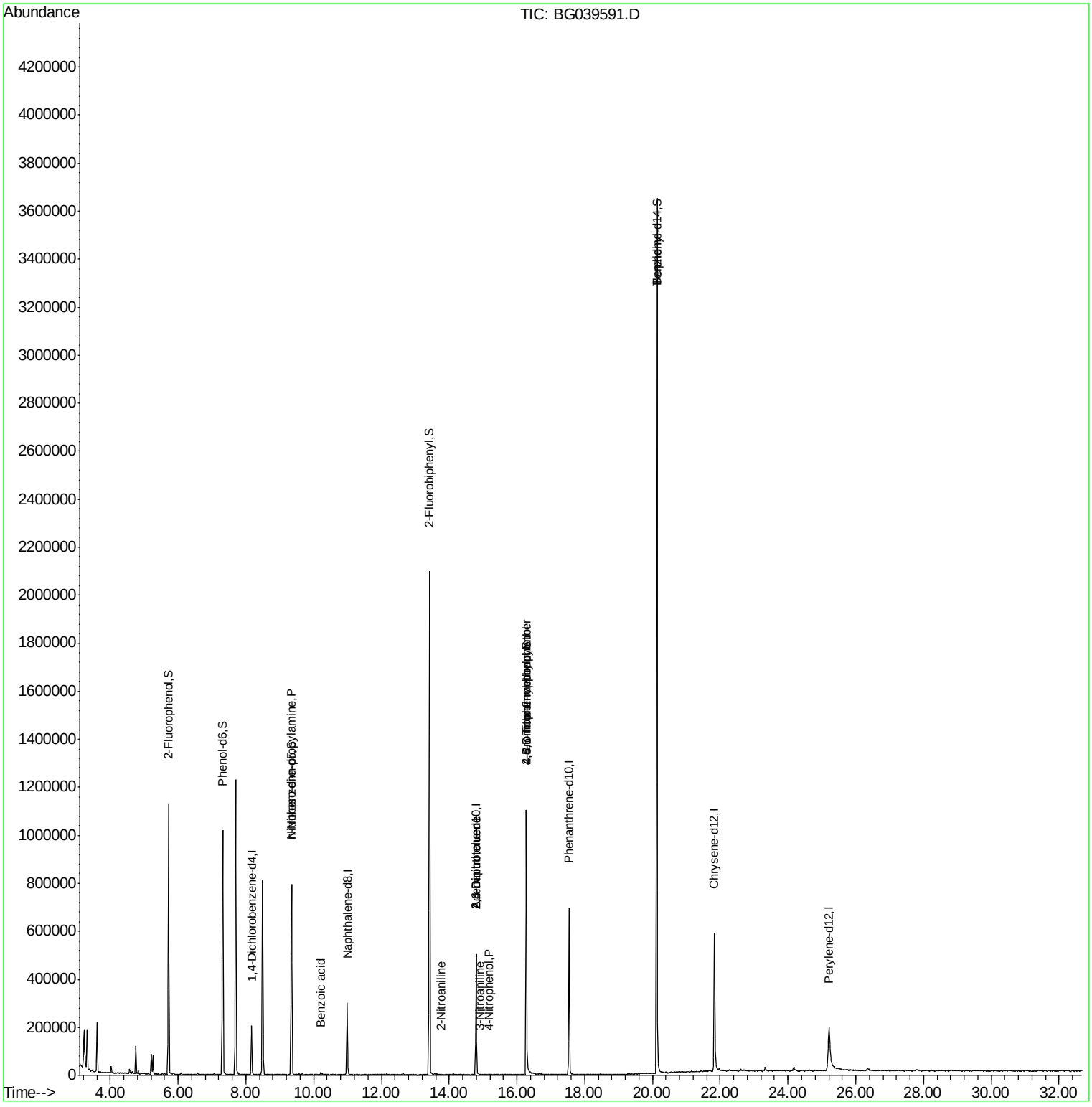
(#) = qualifier out of range (m) = manual integration (+) = signals summed

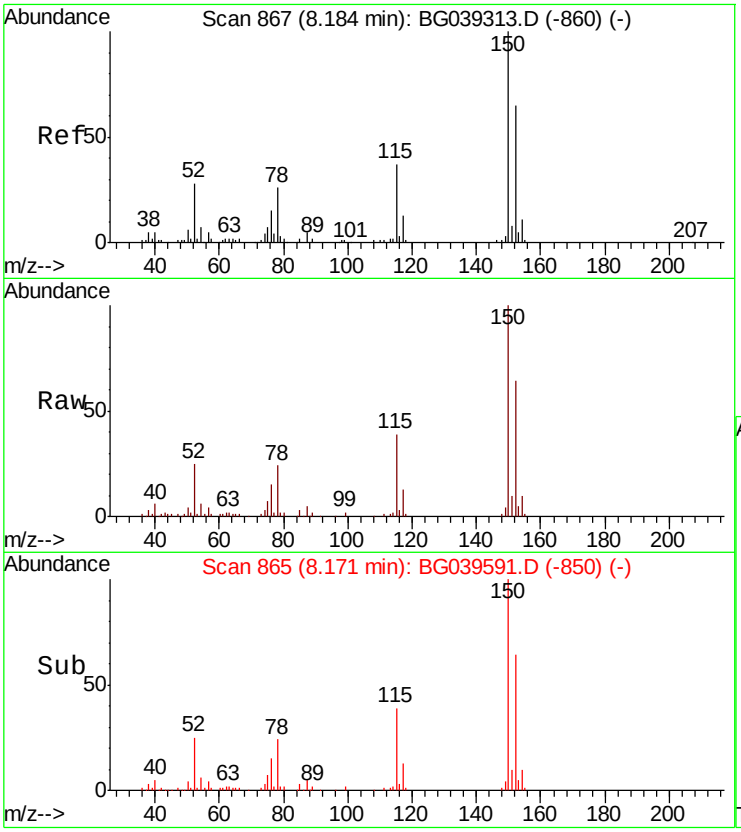
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022519\
Data File : BG039591.D
Acq On : 25 Feb 2019 17:53
Operator : JU/SJ
Sample : K1592-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Feb 25 21:42:57 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



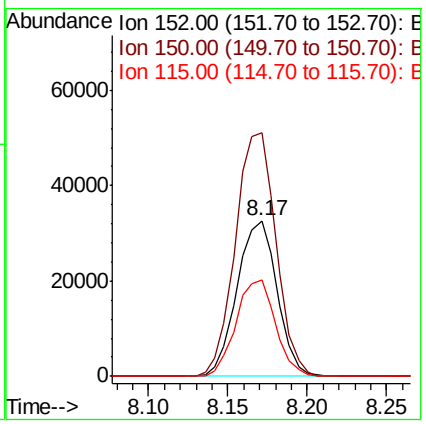


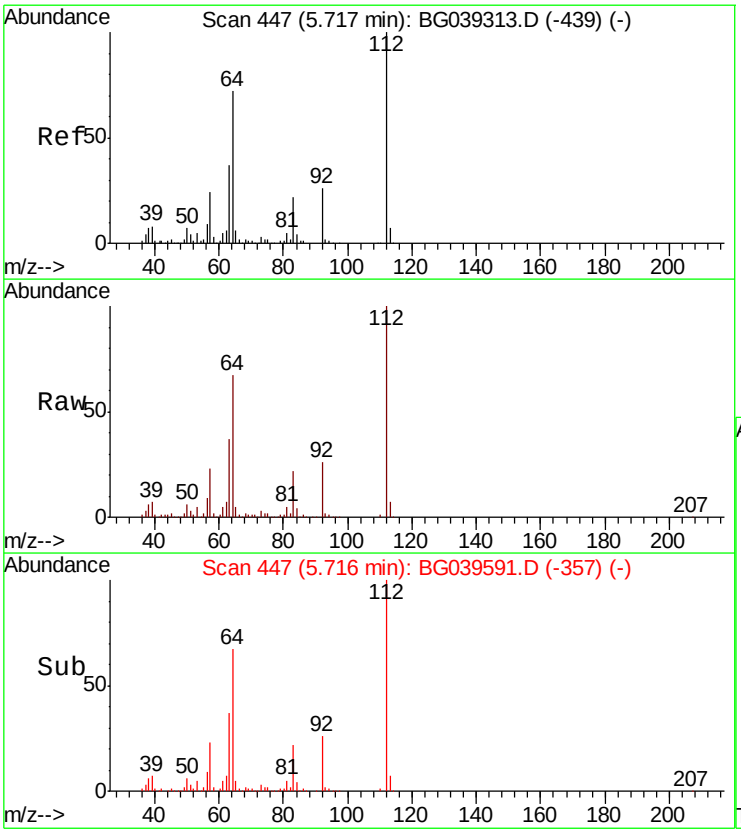
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 57048

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	61.7	45.9	68.9

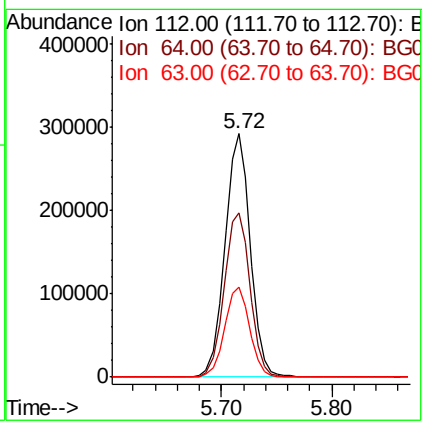


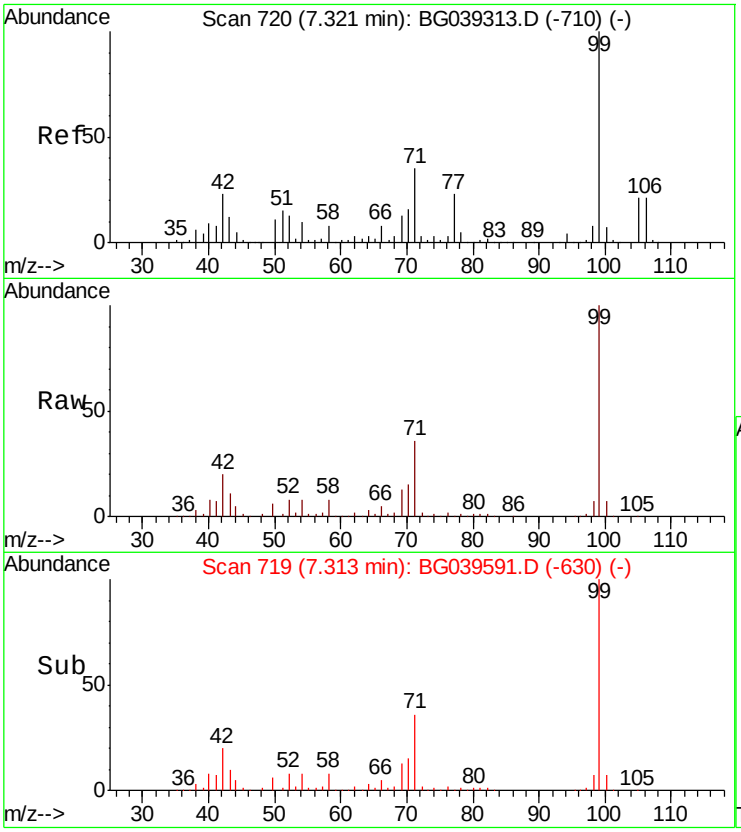


#5
2-Fluorophenol
Concen: 140.535 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:112 Resp: 468432

Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.8	86.8
63	37.0	29.8	44.6



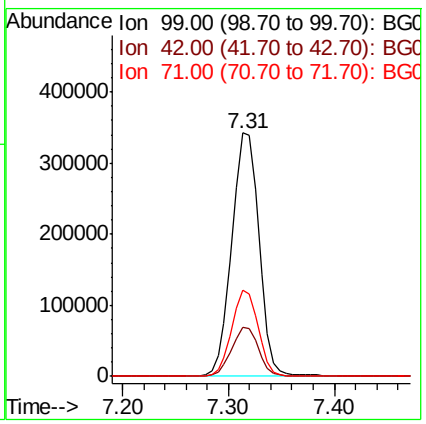


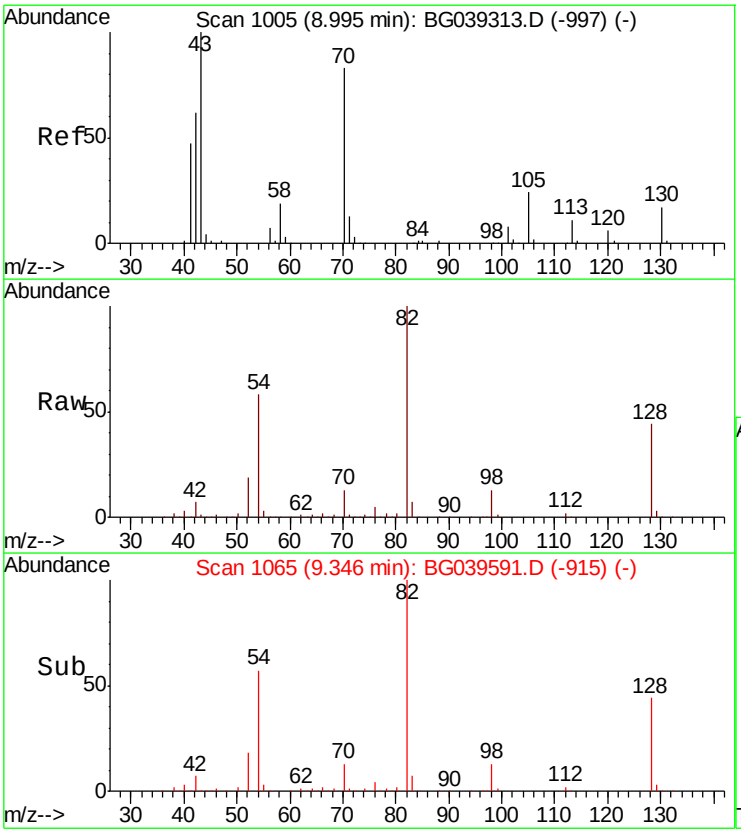
#7
Phenol-d6
Concen: 124.483 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 610760

Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.2	27.2
71	35.5	28.0	42.0

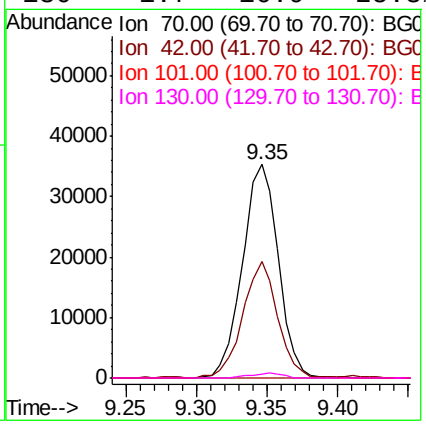


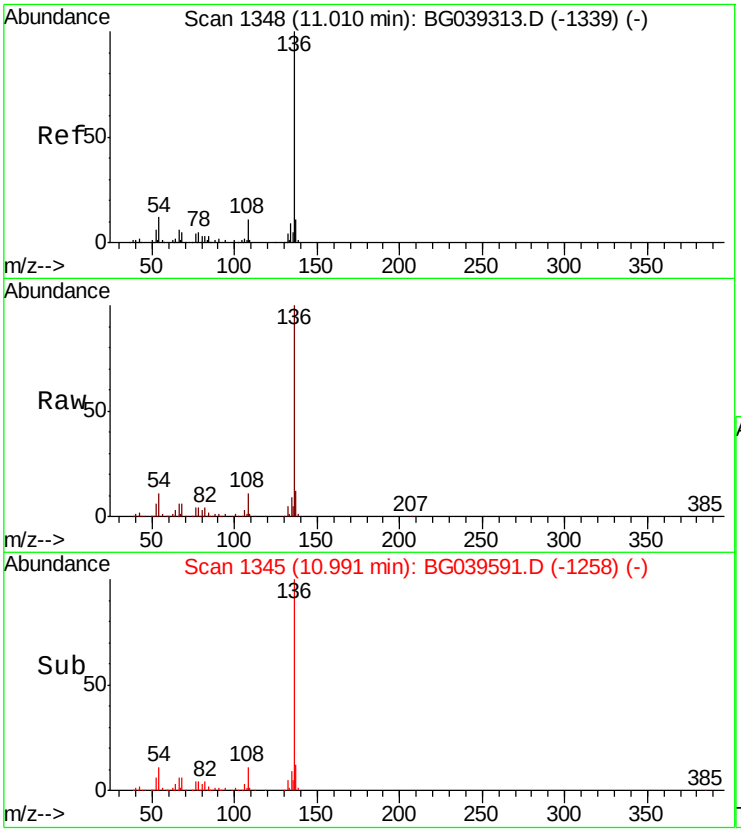


#19
n-Nitroso-di-n-propylamine
Concen: 18.036 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion: 70 Resp: 62807

Ion	Ratio	Lower	Upper
70	100		
42	54.4	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#



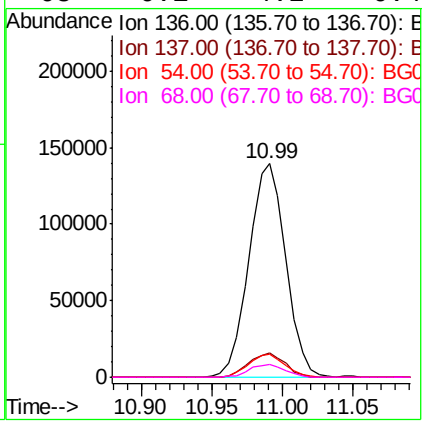


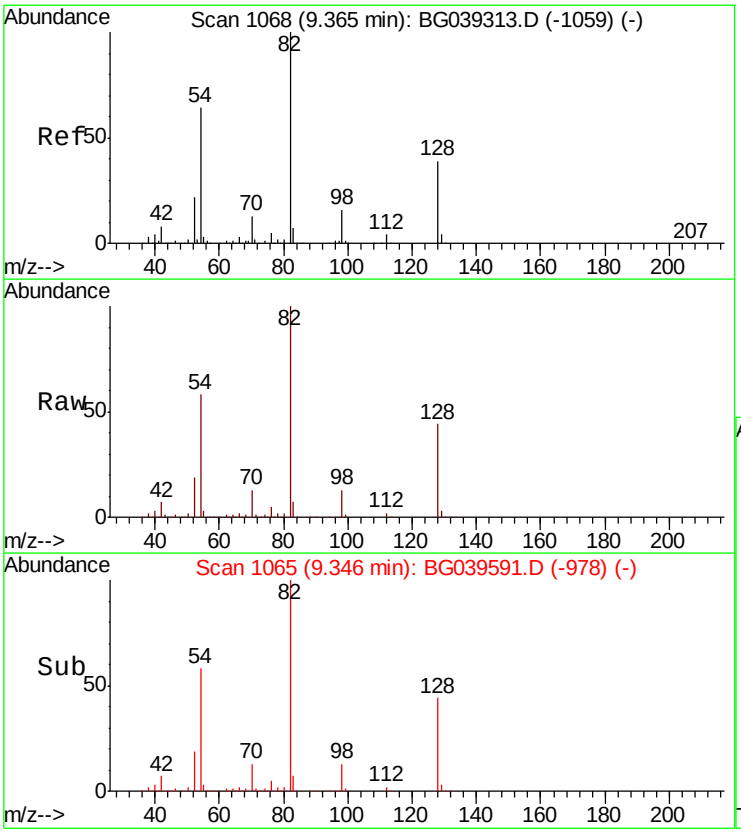
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 255442

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.0	9.4	14.2
68	6.1	4.2	6.4

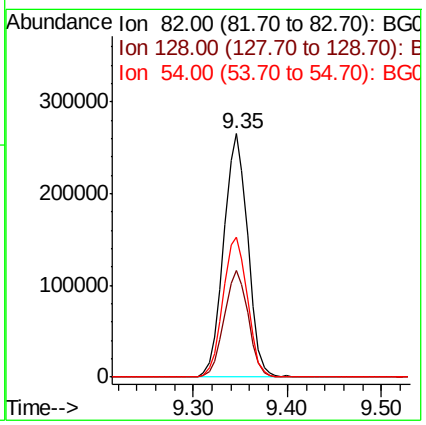


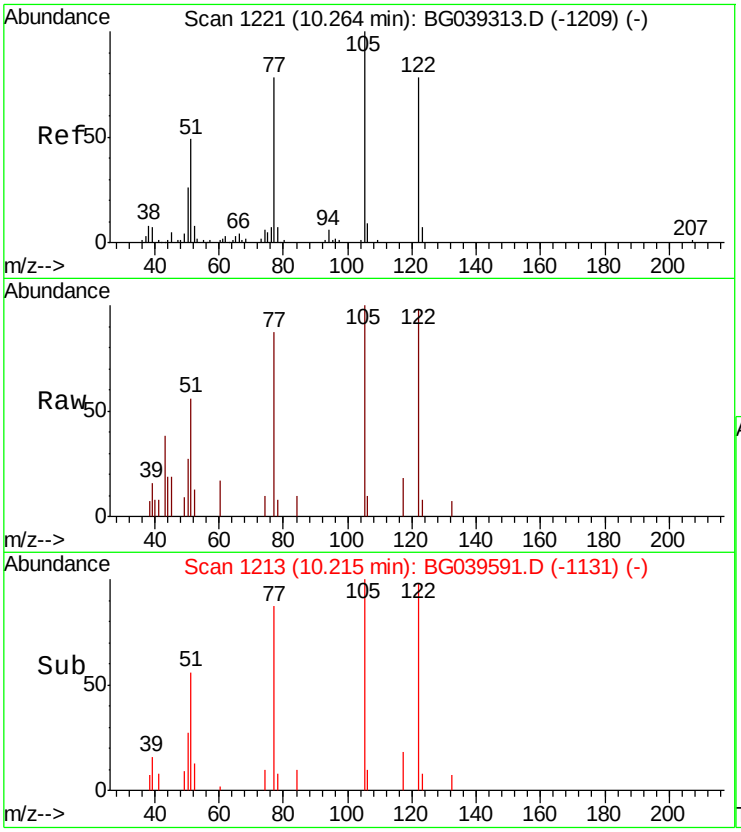


#23
Nitrobenzene-d5
Concen: 115.414 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion: 82 Resp: 471920

Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.3	46.9
54	57.6	50.9	76.3



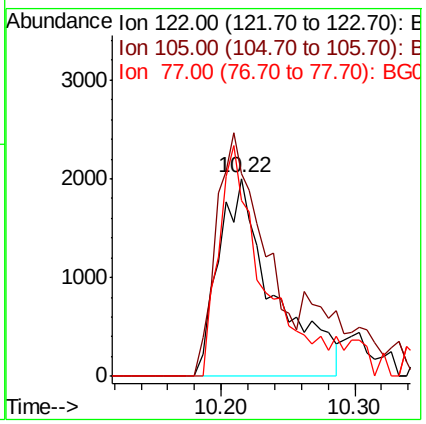


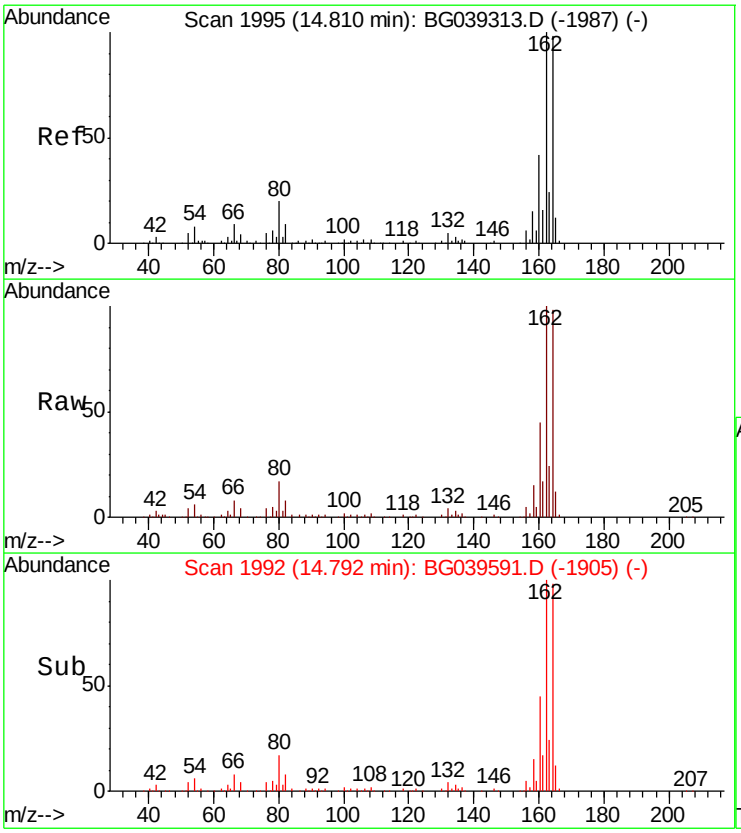
#32
Benzoic acid
Concen: 10.966 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:122 Resp: 5750

Ion	Ratio	Lower	Upper
122	100		
105	102.3	101.8	141.8
77	88.6	76.3	116.3

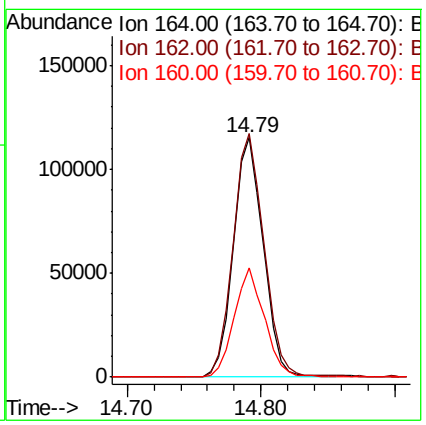


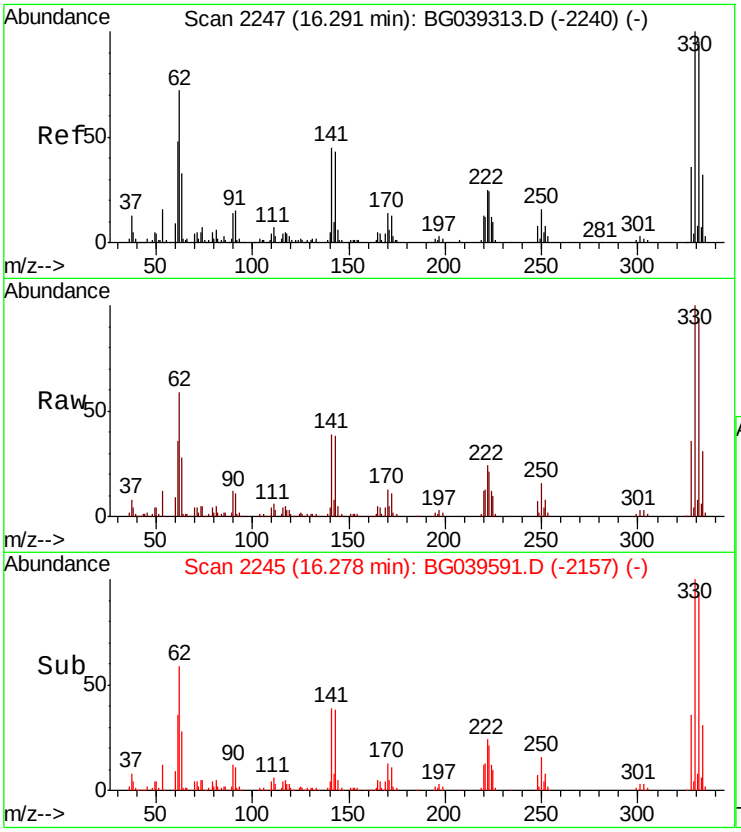


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:164 Resp: 179013

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	45.7	34.2	51.2



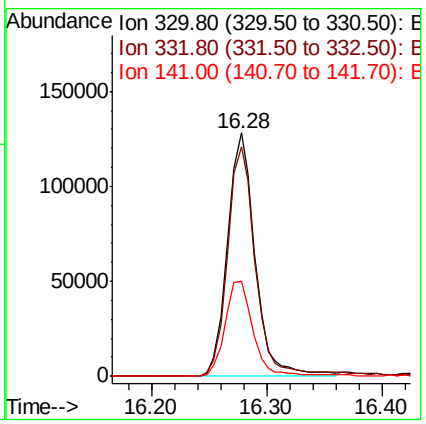


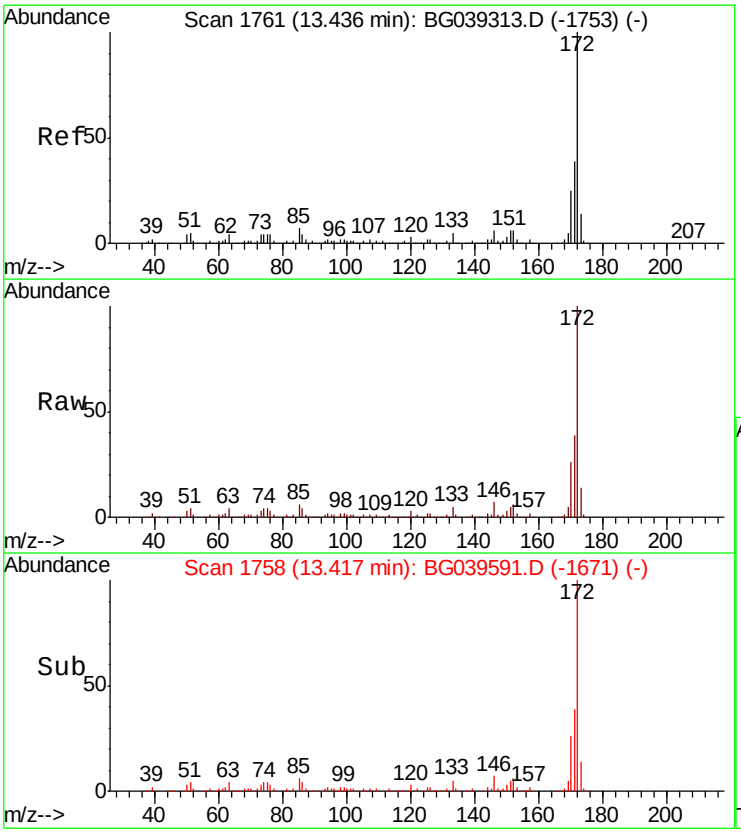
#42
2,4,6-Tribromophenol
Concen: 110.120 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:330 Resp: 212274

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	40.6	35.6	53.4

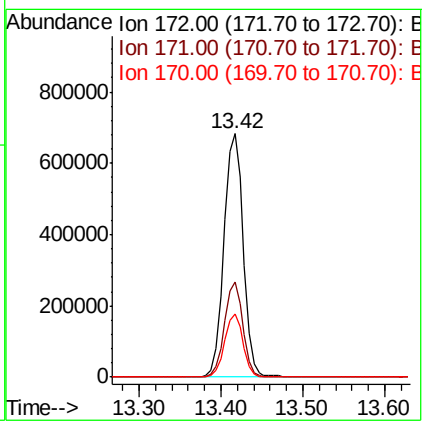


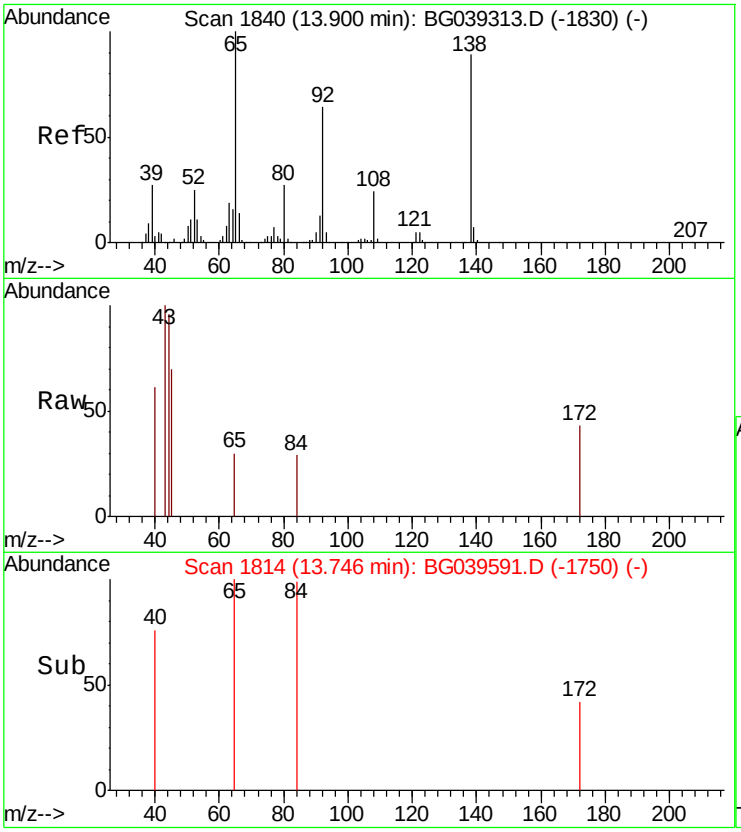


#45
2-Fluorobiphenyl
Concen: 89.861 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:172 Resp: 1121342

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.8	46.2
170	26.0	20.2	30.4



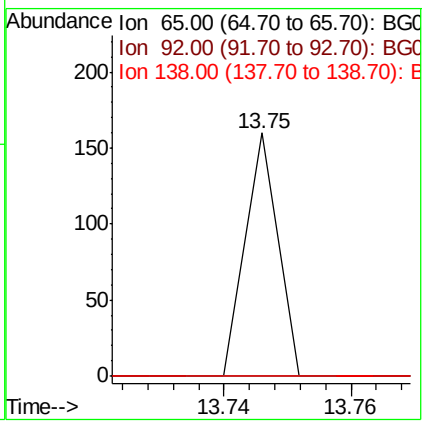


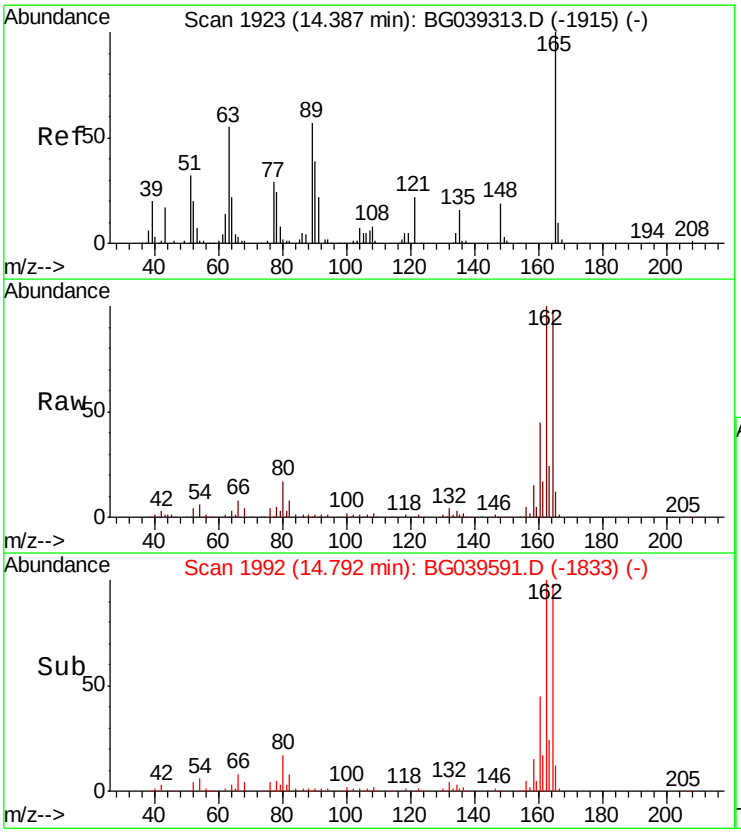
#48
2-Nitroaniline
Concen: 8.311 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.15 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 65 Resp: 56

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

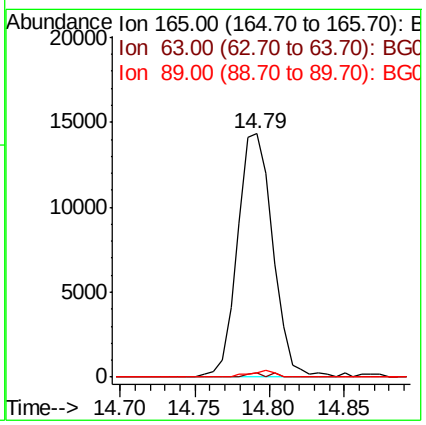


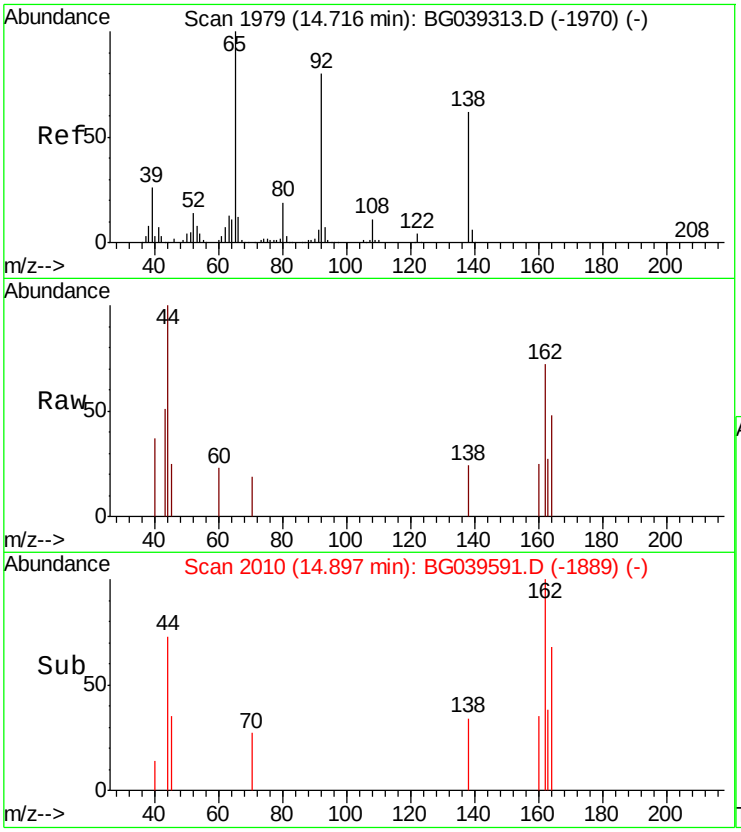


#51
2,6-Dinitrotoluene
Concen: 14.047 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:165 Resp: 23436

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



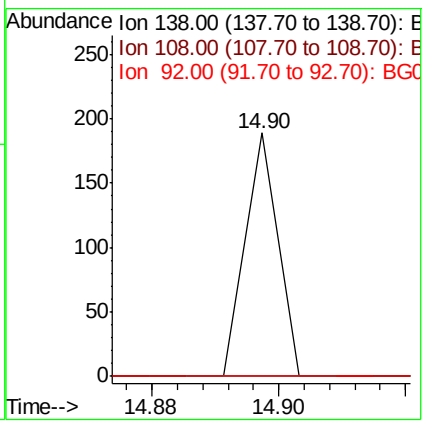


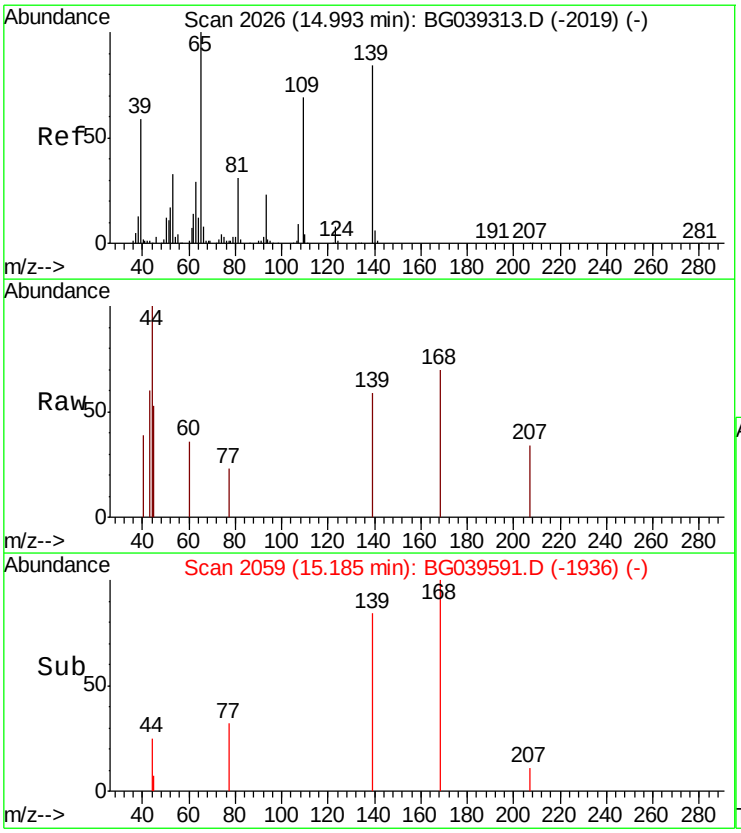
#53
3-Nitroaniline
Concen: 5.813 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.18 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:138 Resp: 67

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#

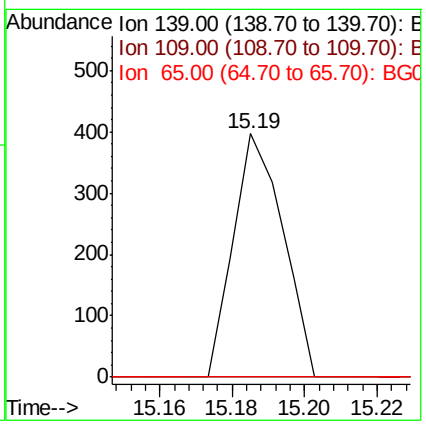


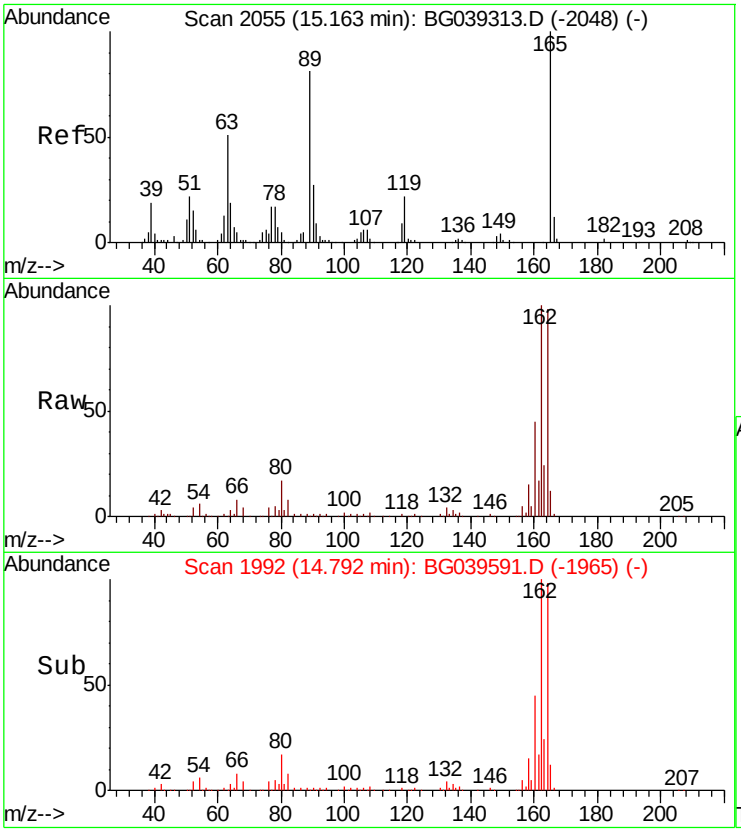


#56
4-Nitrophenol
Concen: 5.927 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.19 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:139 Resp: 376

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



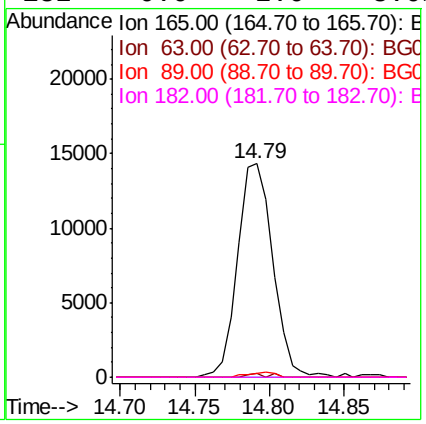


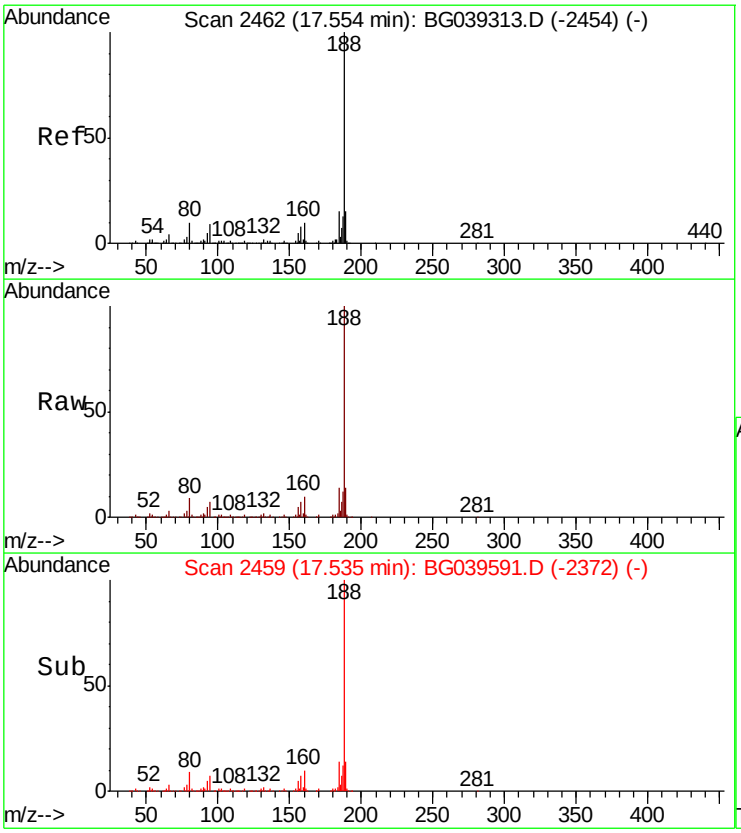
#57
2,4-Dinitrotoluene
Concen: 13.492 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:165 Resp: 23436

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

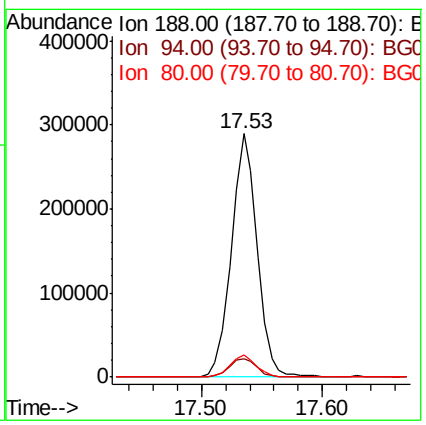


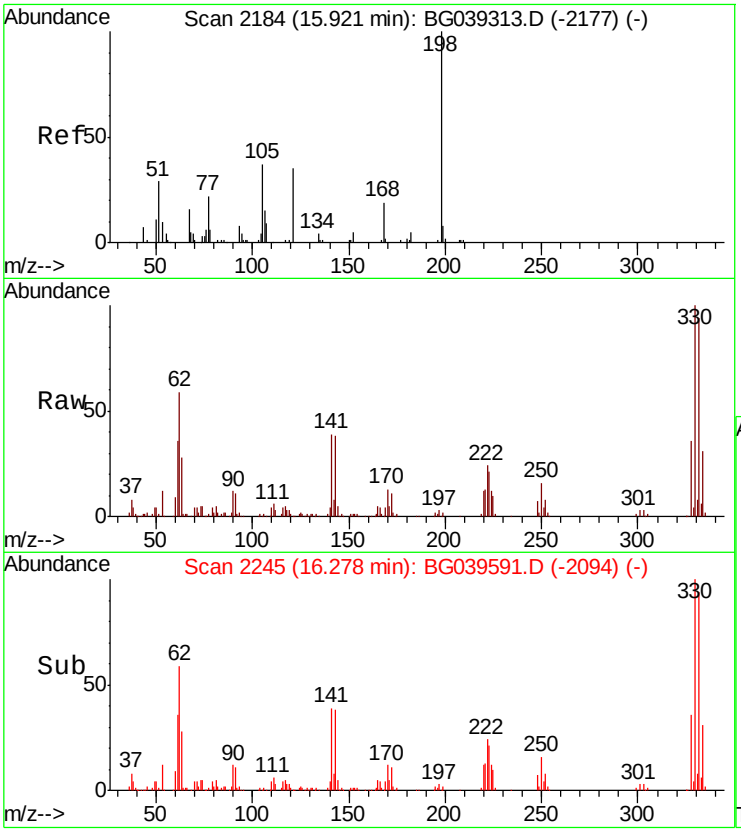


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:188 Resp: 429314

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	9.3	8.1	12.1



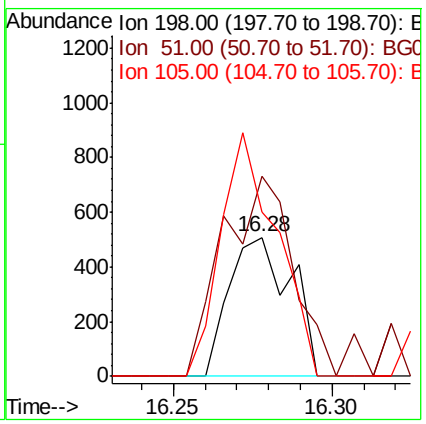


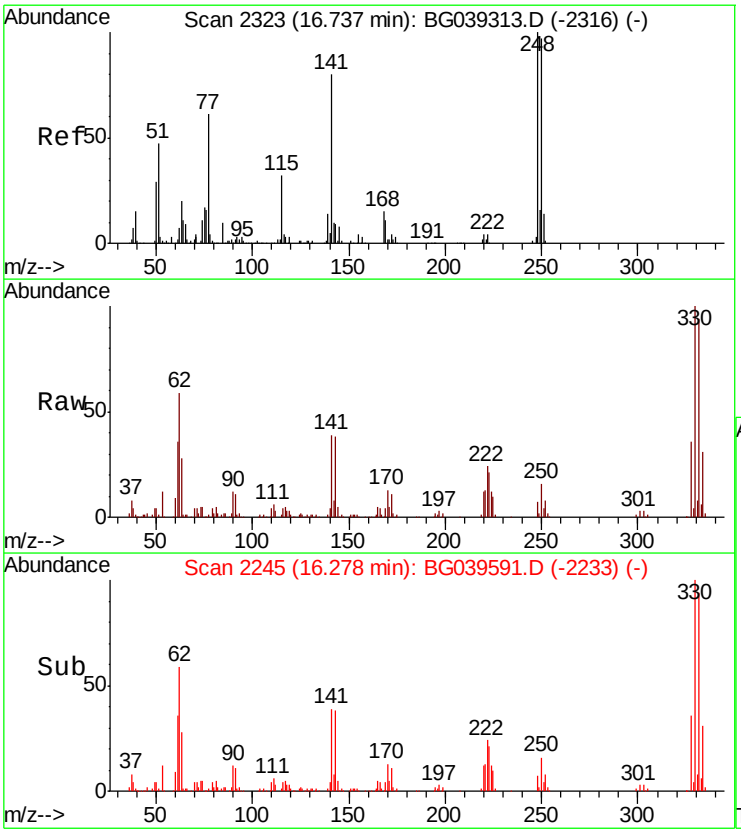
#65
4,6-Dinitro-2-methylphenol
Concen: 4.687 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:198 Resp: 687

Ion	Ratio	Lower	Upper
198	100		
51	143.8	27.4	67.4#
105	118.7	19.7	59.7#

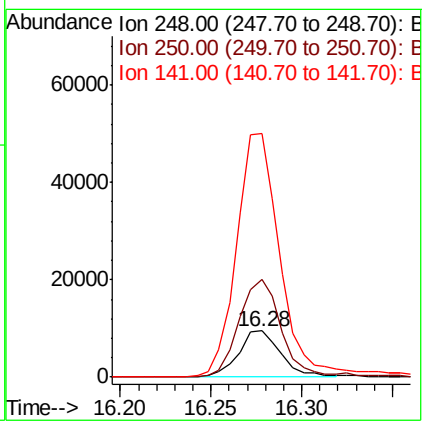


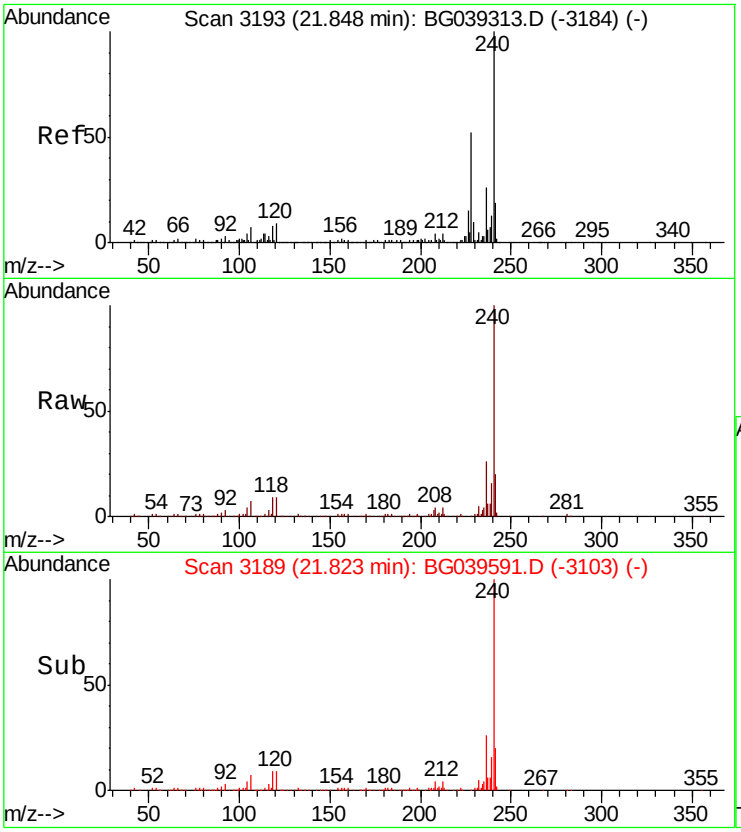


#67
4-Bromophenyl-phenylether
Concen: 3.266 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:248 Resp: 15557

Ion	Ratio	Lower	Upper
248	100		
250	212.2	77.6	116.4#
141	528.4	63.9	95.9#



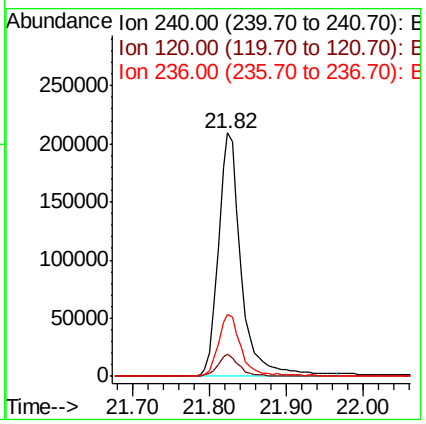


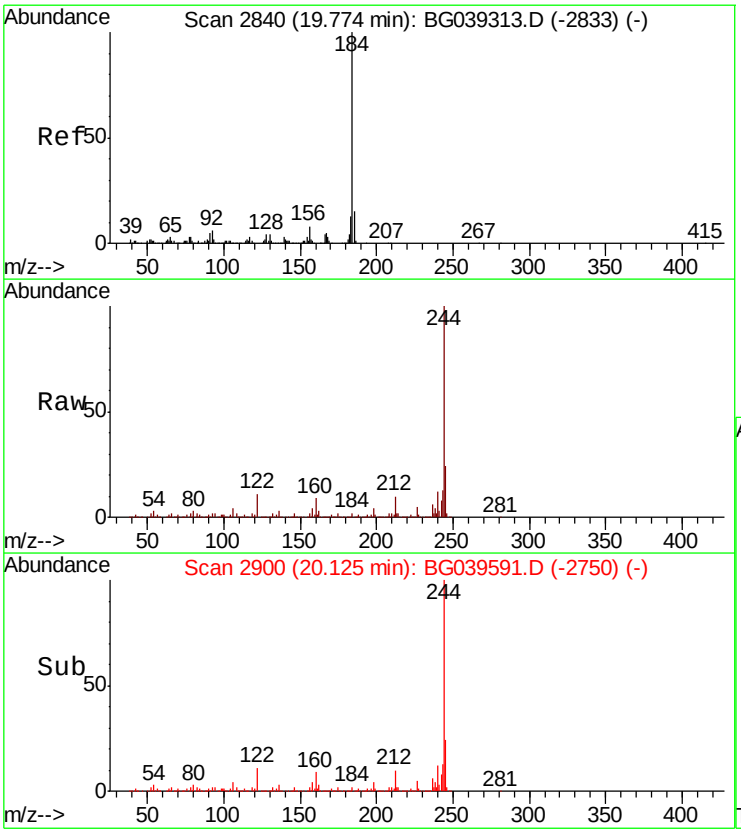
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:240 Resp: 430052

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	25.7	21.0	31.4

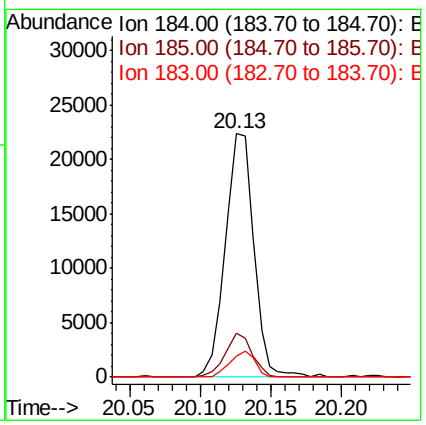


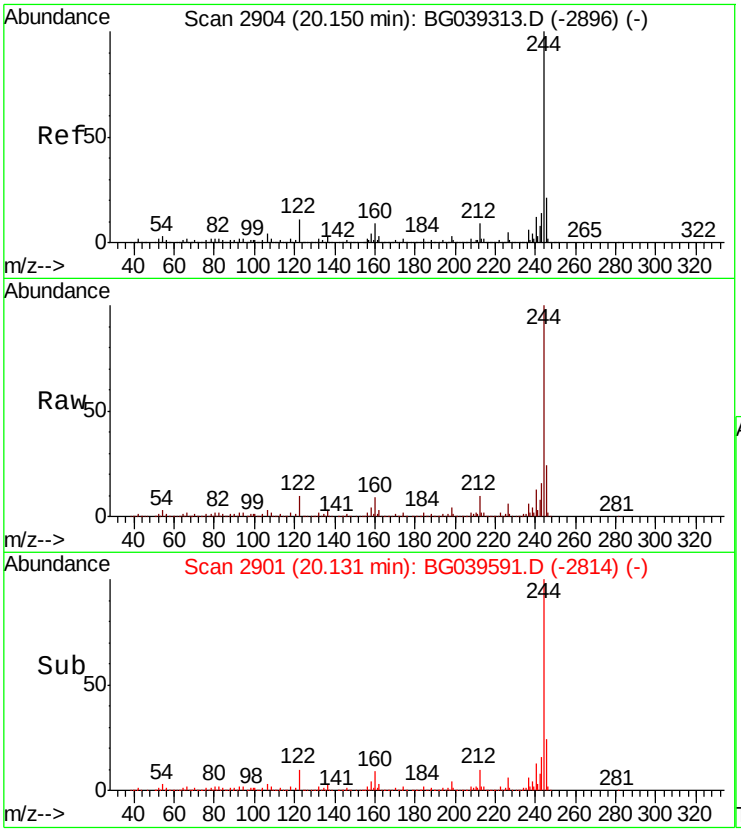


#77
Benzidine
Concen: 2.238 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.35 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:184 Resp: 31559

Ion	Ratio	Lower	Upper
184	100		
185	18.0	12.2	18.2
183	8.5	10.6	15.8#



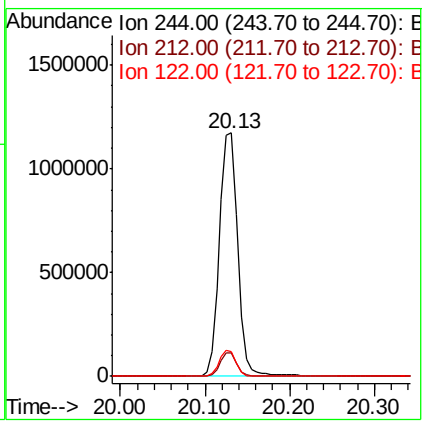


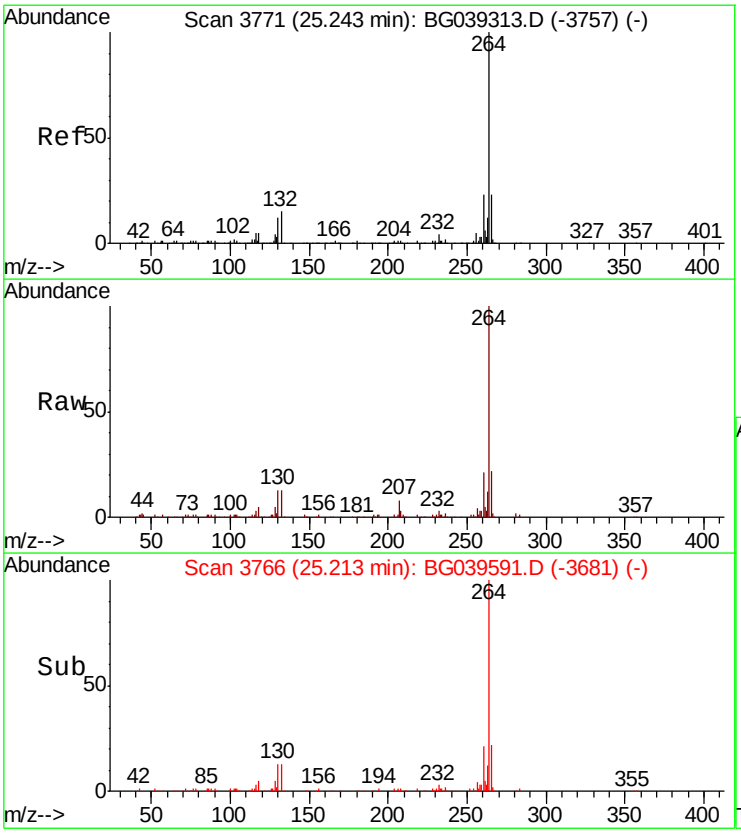
#79
Terphenyl-d14
Concen: 87.694 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039591.D
Acq: 25 Feb 2019 17:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 1781702

Ion	Ratio	Lower	Upper
244	100		
212	9.8	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: BG039591.D
Acq: 25 Feb 2019 17:53

Tgt Ion:264 Resp: 306520

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	22.1	18.5	27.7