Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039338.D
Acq On : 30 Jan 2019 21:51
Operator : JU/SJ
Sample : K1282-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Jan 31 05:43:17 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	41411	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	172653	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	115885	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	290057	20.00	ng	0.00
76) Chrysene-d12	21.84	240	310012	20.00	ng	-0.01
87) Perylene-d12	25.23	264	304861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	299269	123.69	ng	0.00
7) Phenol-d6	7.31	99	400089	112.34	ng	0.00
23) Nitrobenzene-d5	9.35	82	273912	99.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	170535	136.66	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	692978	85.78	ng	0.00
79) Terphenyl-d14	20.14	244	1176841	80.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	763	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	36587	14.474	ng	# 67
32) Benzoic acid	10.62	122	55	9.049	ng	# 1
48) 2-Nitroaniline	13.43	65	1265	8.798	ng	# 13
51) 2,6-Dinitrotoluene	14.80	165	14727	13.828	ng	# 23
56) 4-Nitrophenol	15.43	139	78	5.837	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	14727	13.326	ng	# 18
62) 4-Nitroaniline	16.18	138	55	4.228	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	607	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	12952	4.025	ng	# 1
77) Benzidine	20.14	184	21714	2.136	ng	# 95

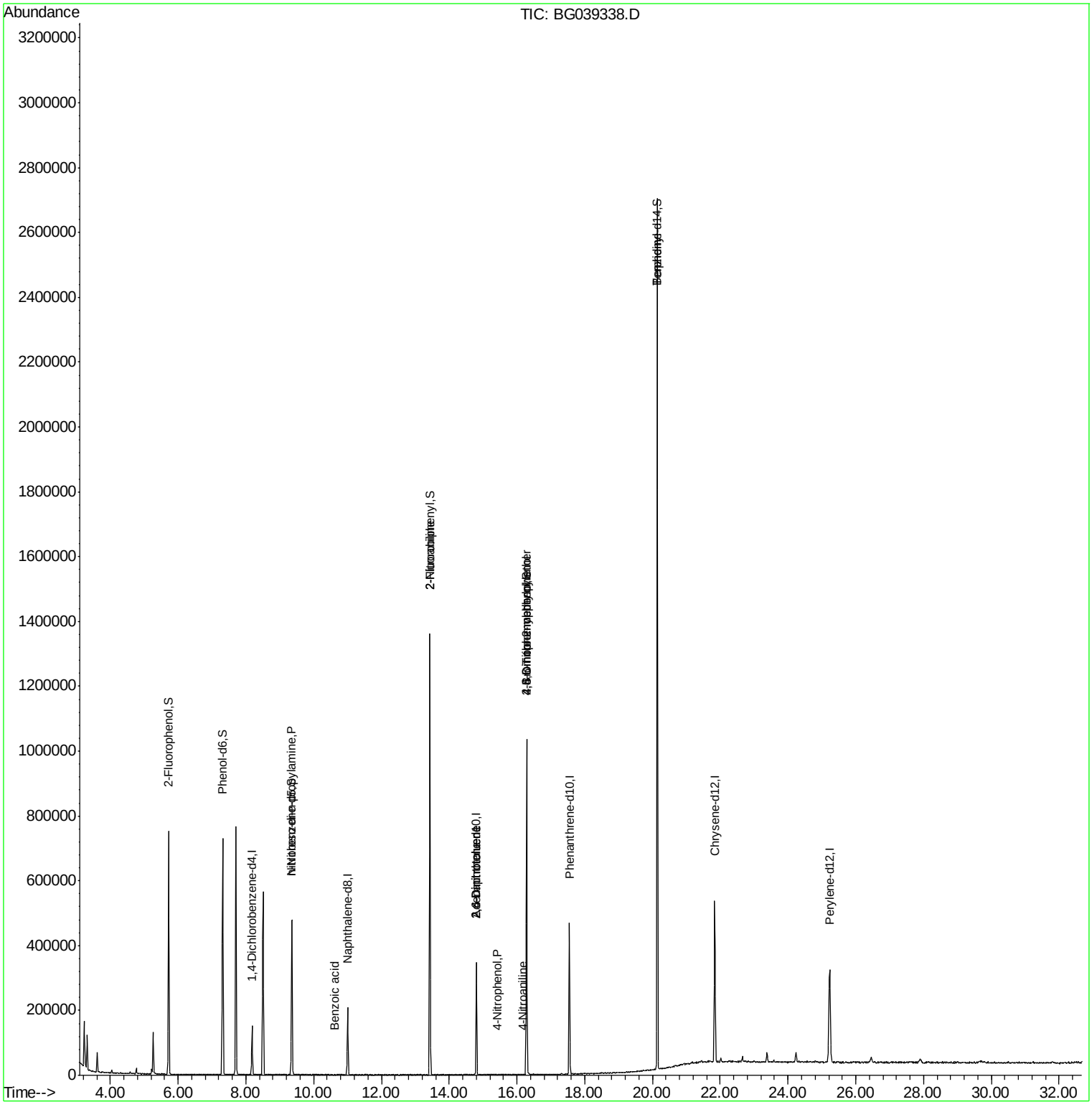
(#) = qualifier out of range (m) = manual integration (+) = signals summed

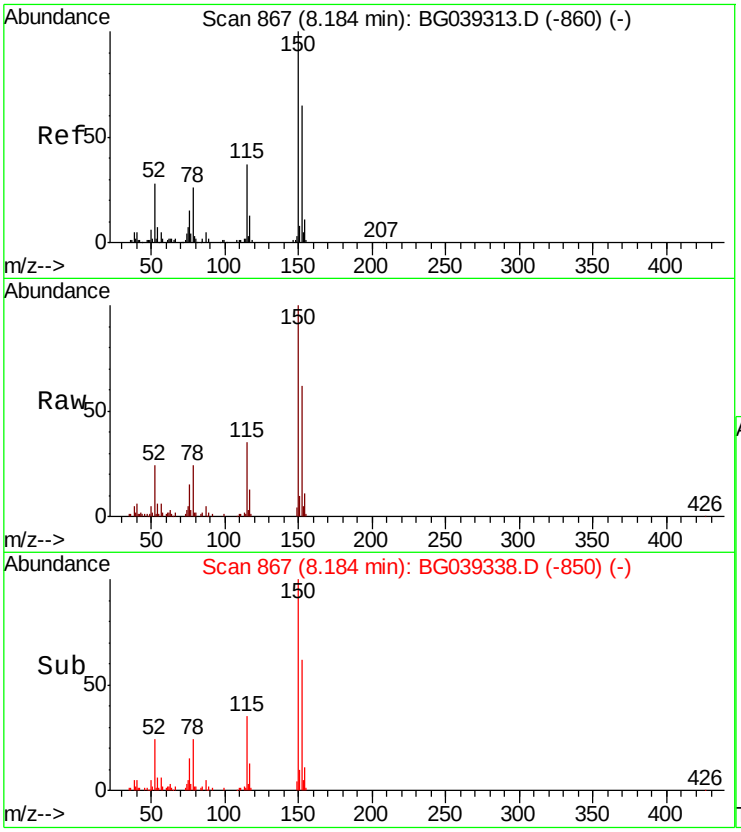
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039338.D
Acq On : 30 Jan 2019 21:51
Operator : JU/SJ
Sample : K1282-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Jan 31 05:43:17 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



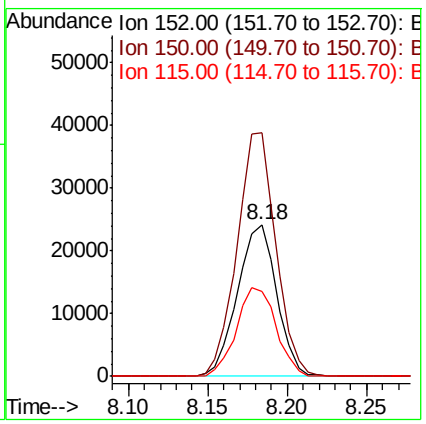


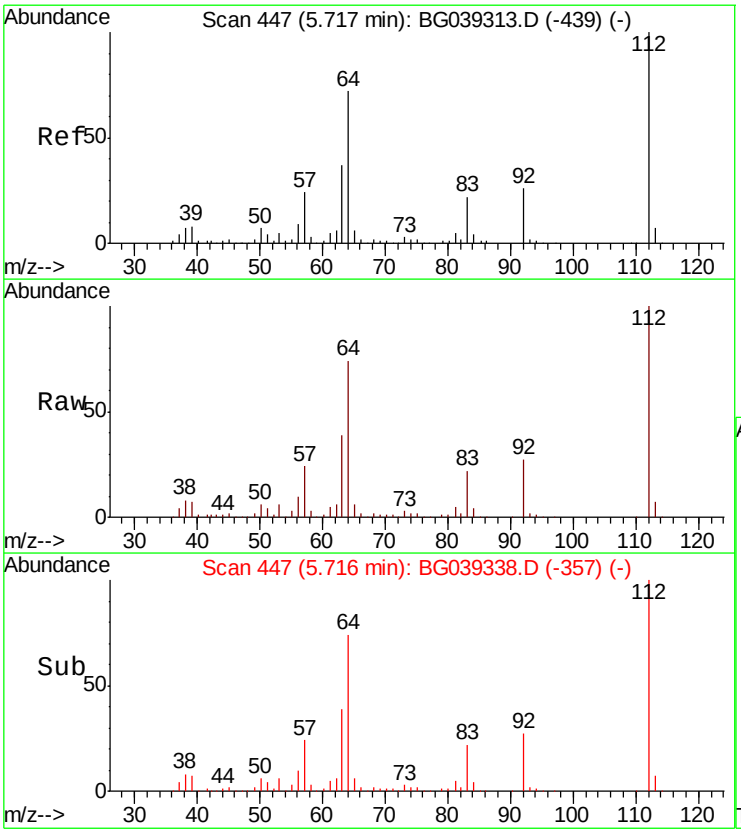
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 41411

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.7	185.5
115	55.9	45.9	68.9

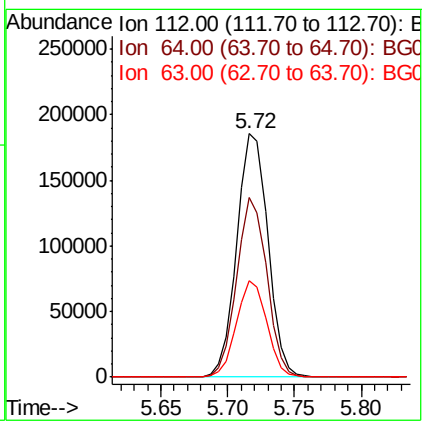


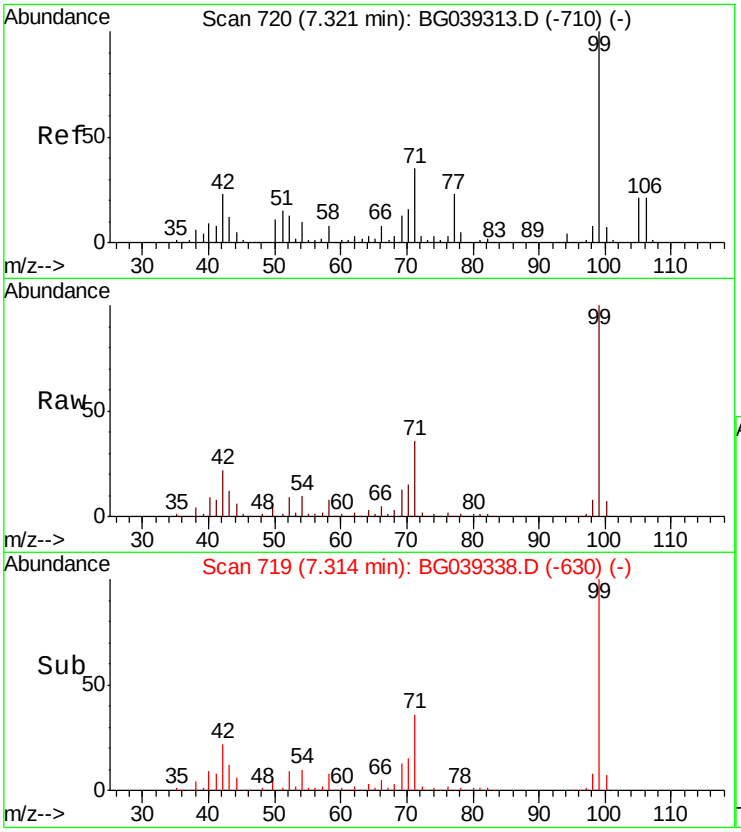


#5
2-Fluorophenol
Concen: 123.687 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:112 Resp: 299269

Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.8	86.8
63	39.4	29.8	44.6



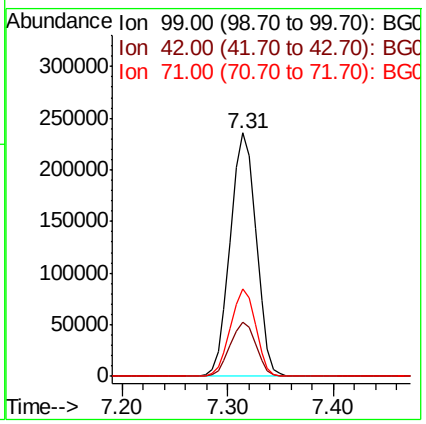


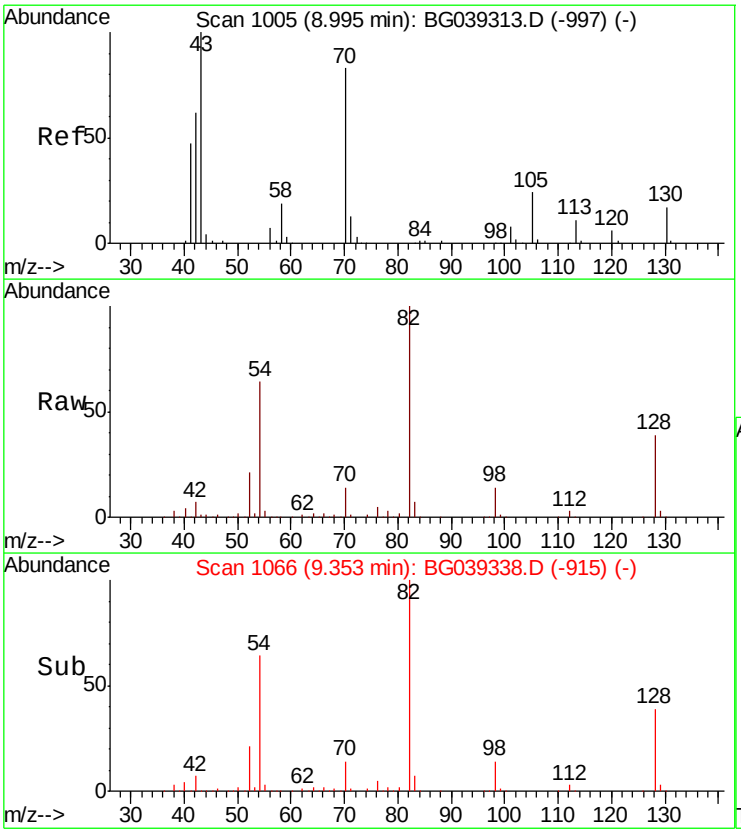
#7
Phenol-d6
Concen: 112.336 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 400089

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.2	27.2
71	35.9	28.0	42.0

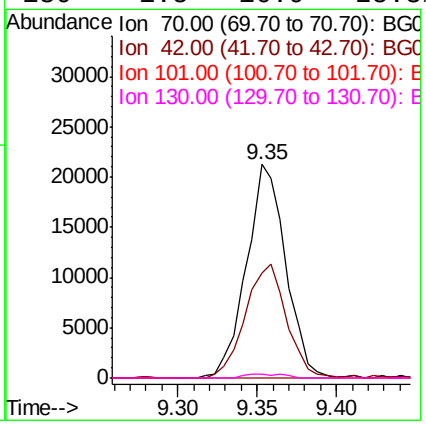


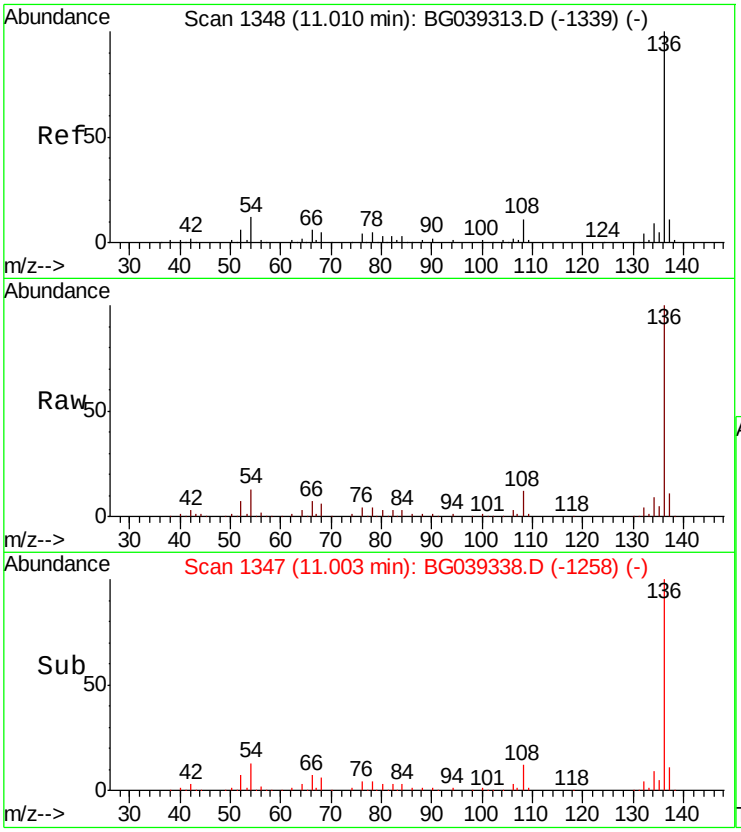


#19
n-Nitroso-di-n-propylamine
Concen: 14.474 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion: 70 Resp: 36587

Ion	Ratio	Lower	Upper
70	100		
42	49.1	60.4	90.6#
101	0.0	7.5	11.3#
130	1.5	16.9	25.3#



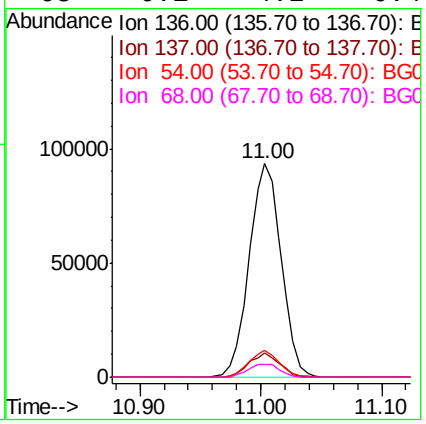


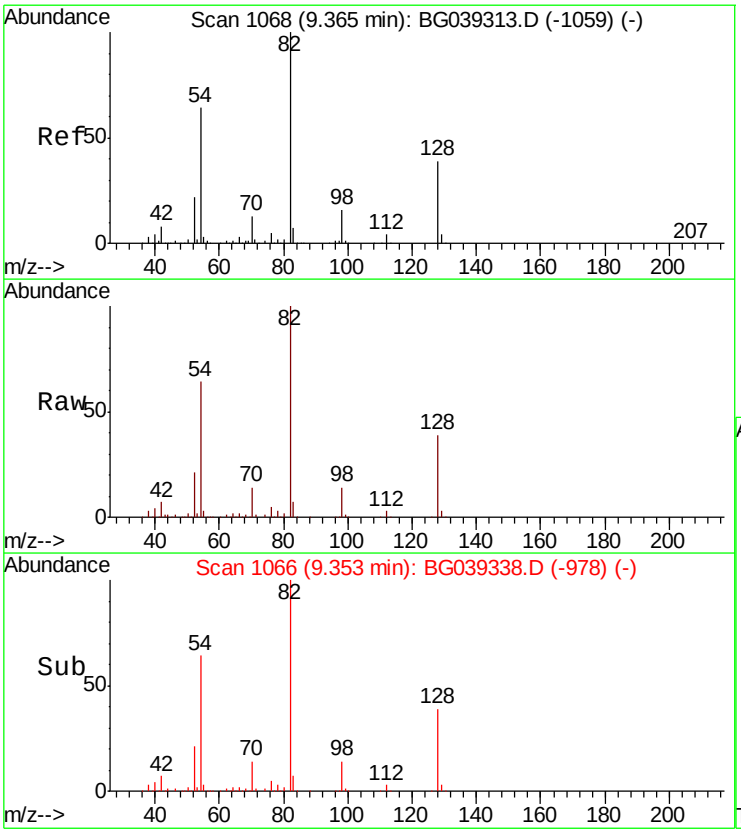
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 172653

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	12.9	9.4	14.2
68	6.1	4.2	6.4

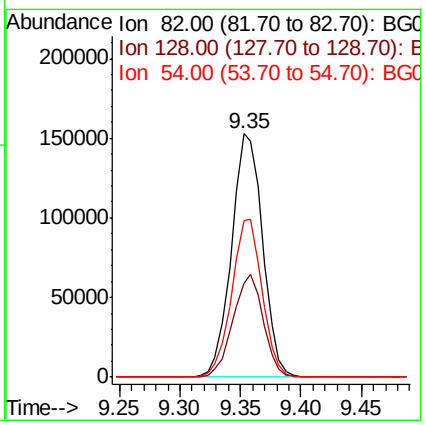


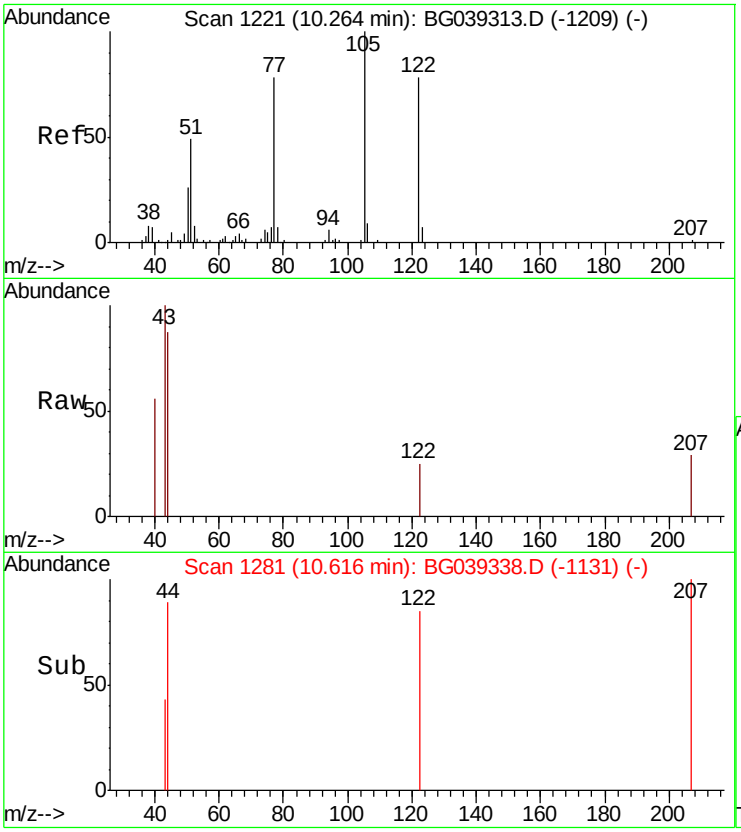


#23
Nitrobenzene-d5
Concen: 99.110 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion: 82 Resp: 273912

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.3	46.9
54	64.1	50.9	76.3



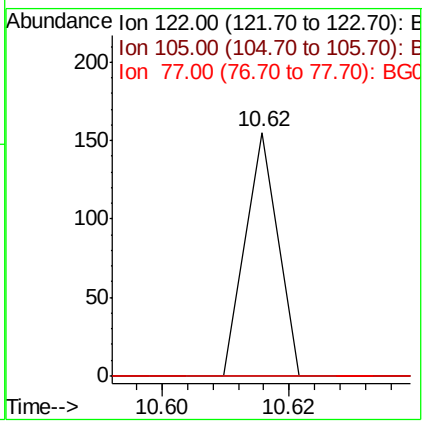


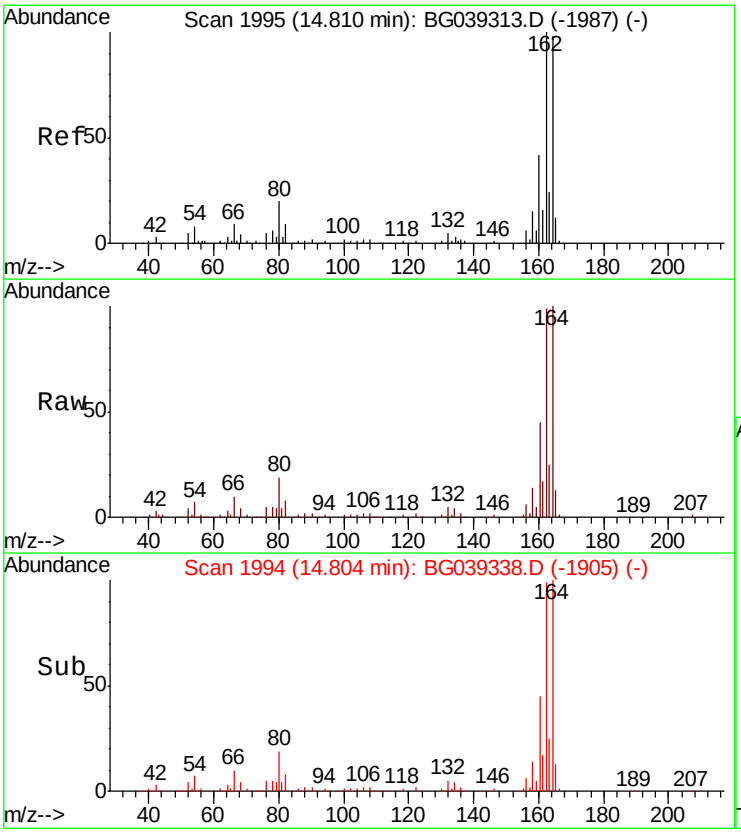
#32
Benzoic acid
Concen: 9.049 ng
RT: 10.62 min Scan# 1281
Delta R.T. 0.35 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

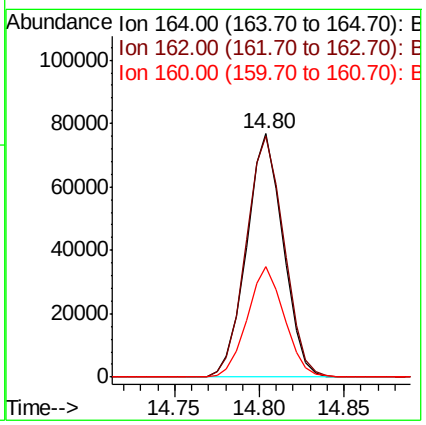


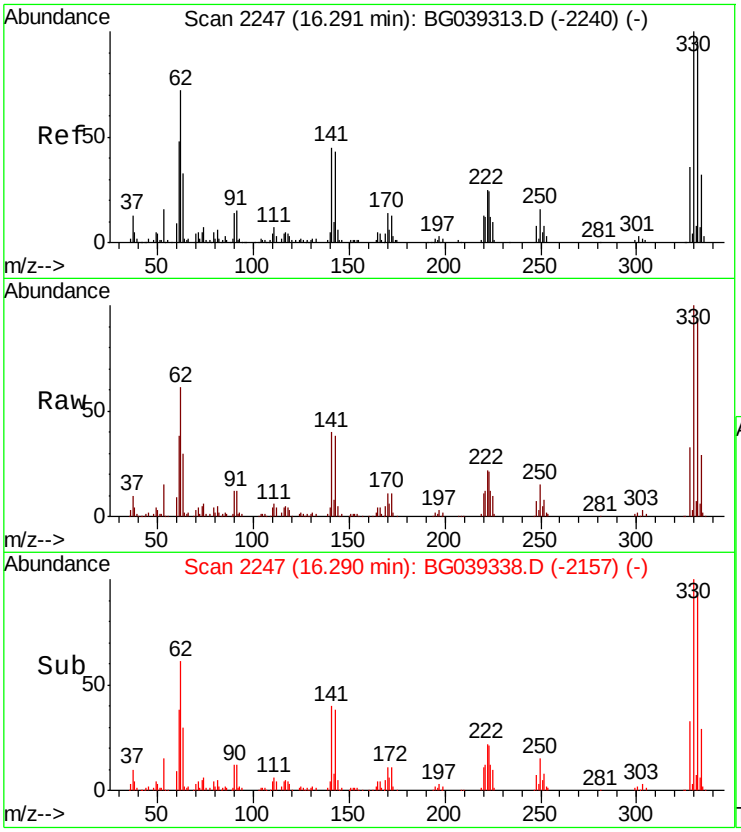


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:164 Resp: 115885

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.6	122.4
160	45.3	34.2	51.2



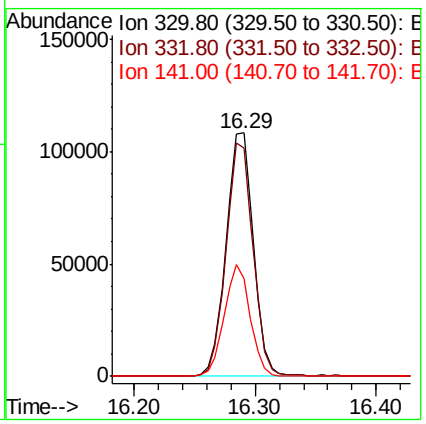


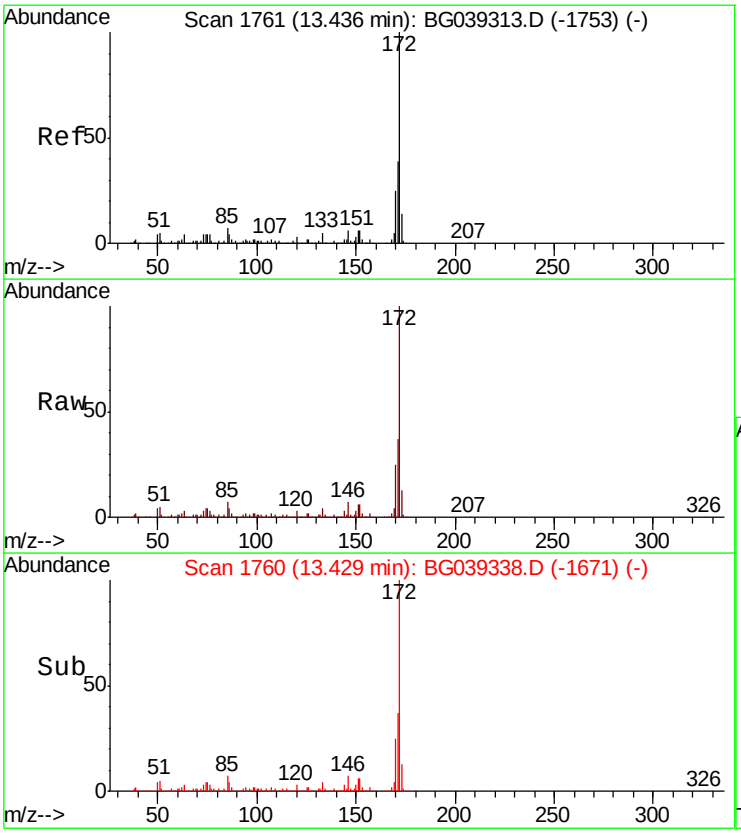
#42
2,4,6-Tribromophenol
Concen: 136.659 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 170535

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	43.3	35.6	53.4

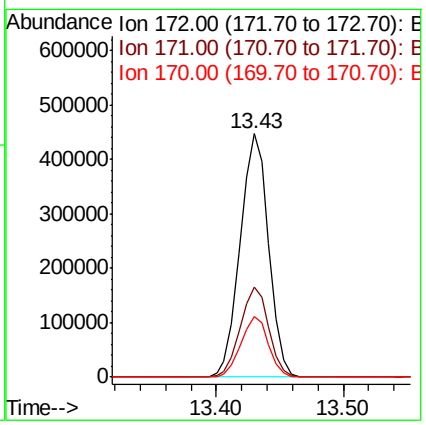


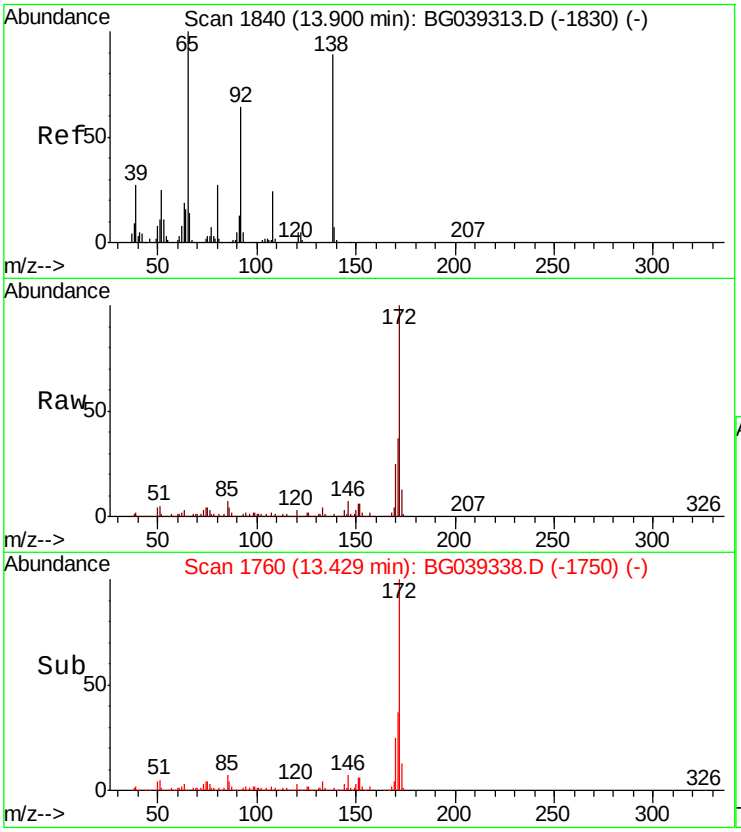


#45
2-Fluorobiphenyl
Concen: 85.784 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:172 Resp: 692978

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.7	20.2	30.4



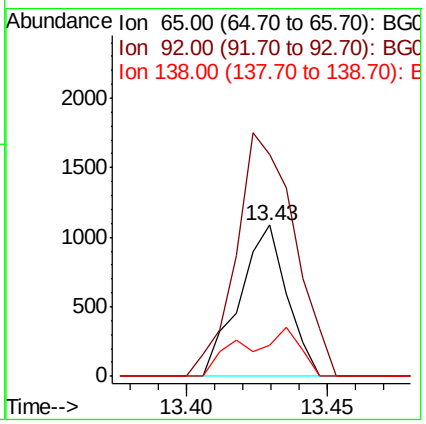


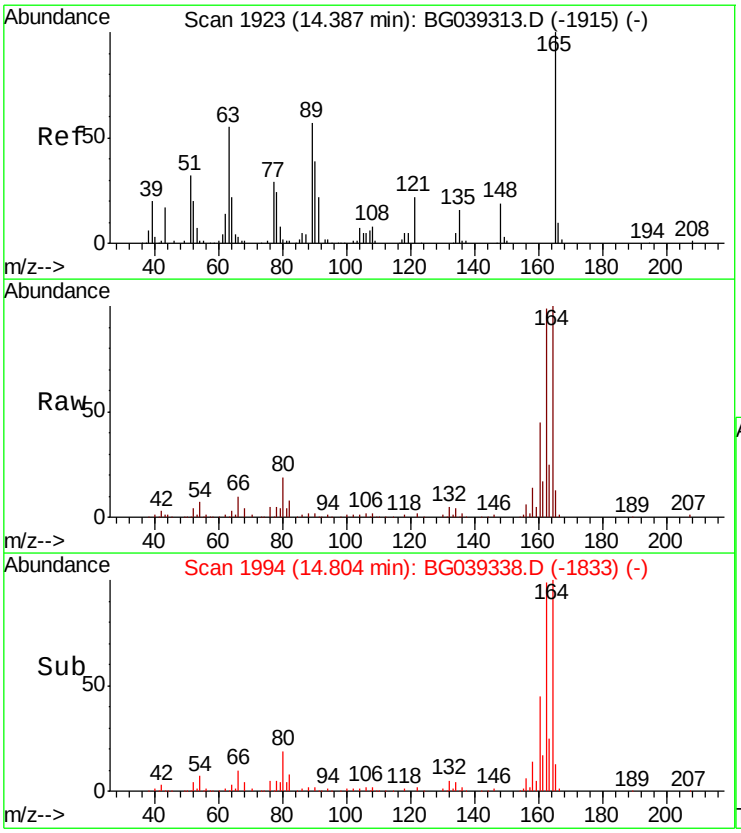
#48
2-Nitroaniline
Concen: 8.798 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 65 Resp: 1265

Ion	Ratio	Lower	Upper
65	100		
92	147.0	51.4	77.2#
138	20.7	71.4	107.2#

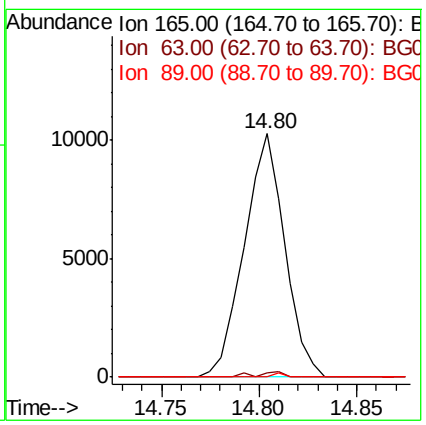


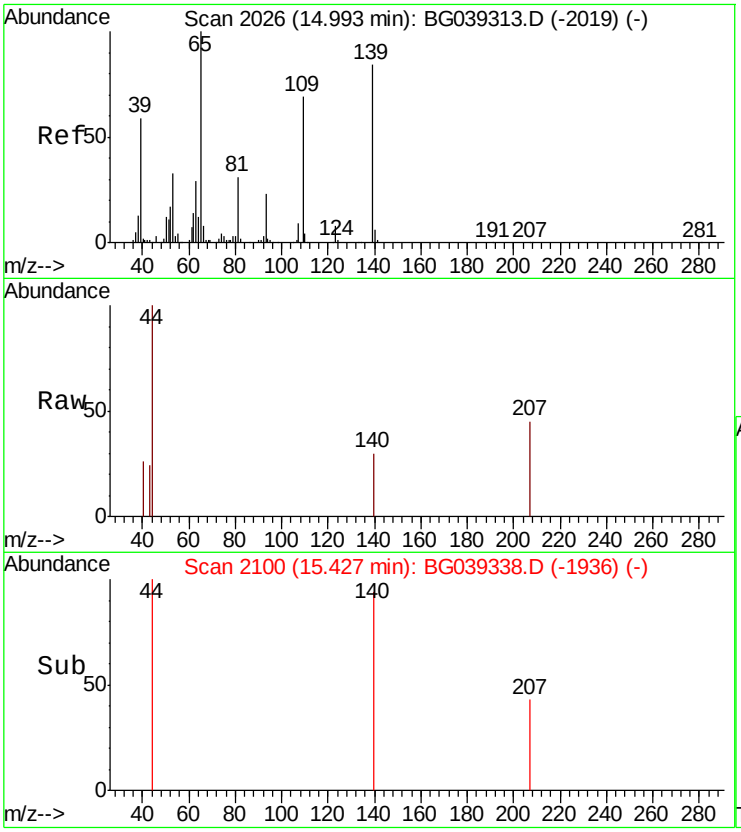


#51
2,6-Dinitrotoluene
Concen: 13.828 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.42 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:165 Resp: 14727

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	0.0	45.8	68.8#



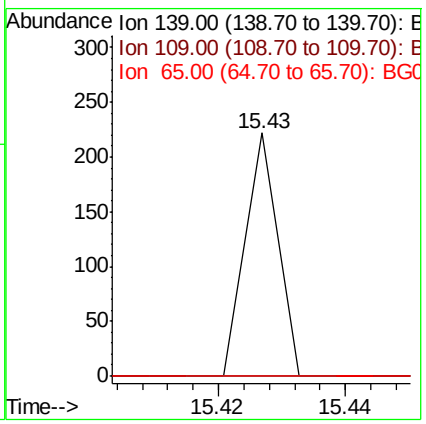


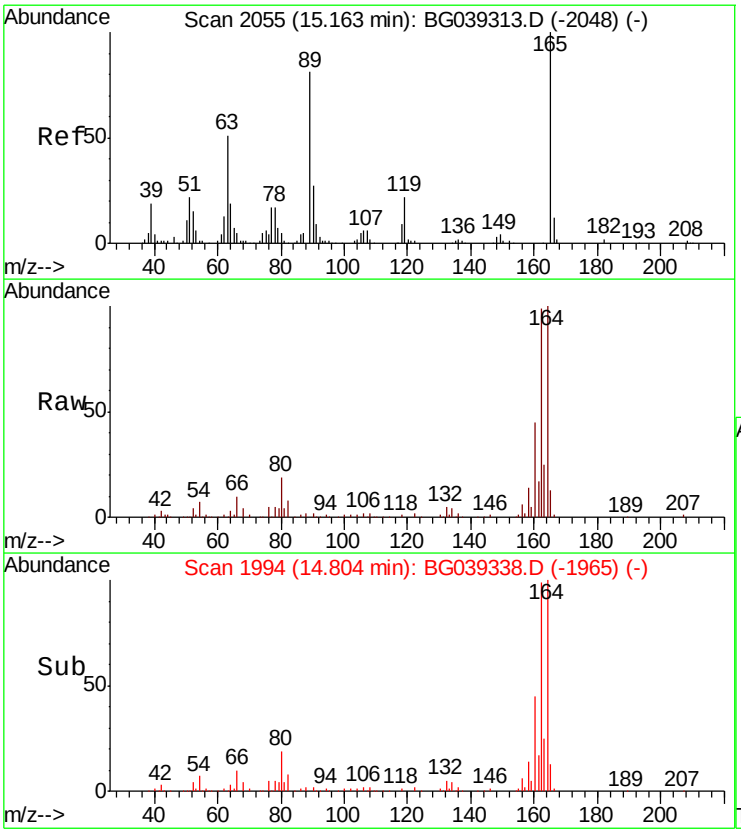
#56
4-Nitrophenol
Concen: 5.837 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.43 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:139 Resp: 78

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

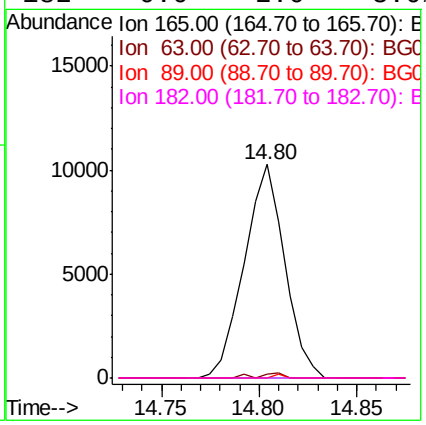


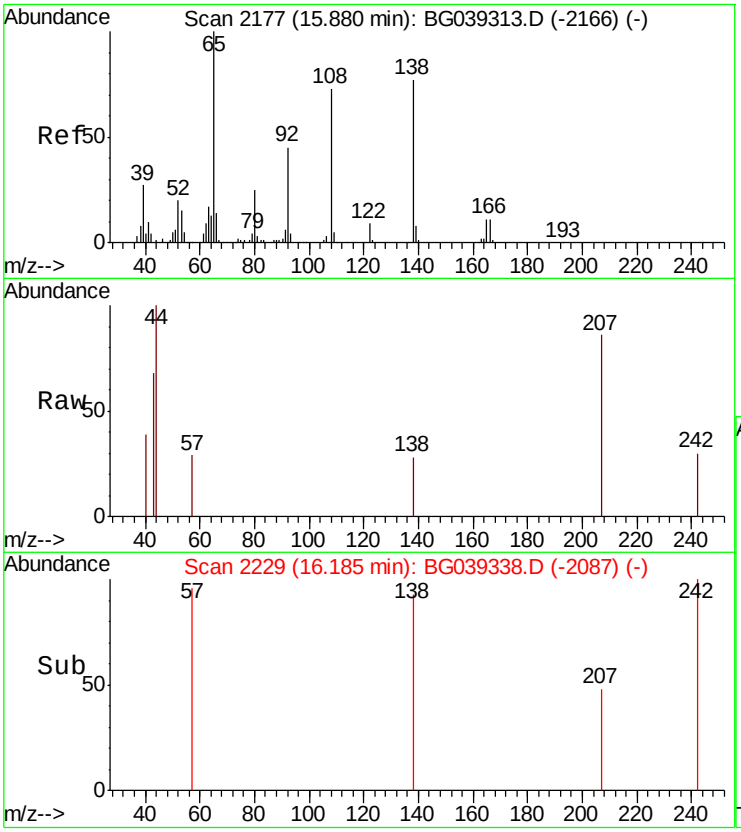


#57
2,4-Dinitrotoluene
Concen: 13.326 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:165 Resp: 14727

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



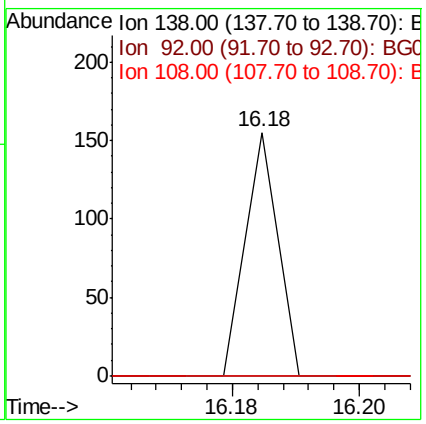


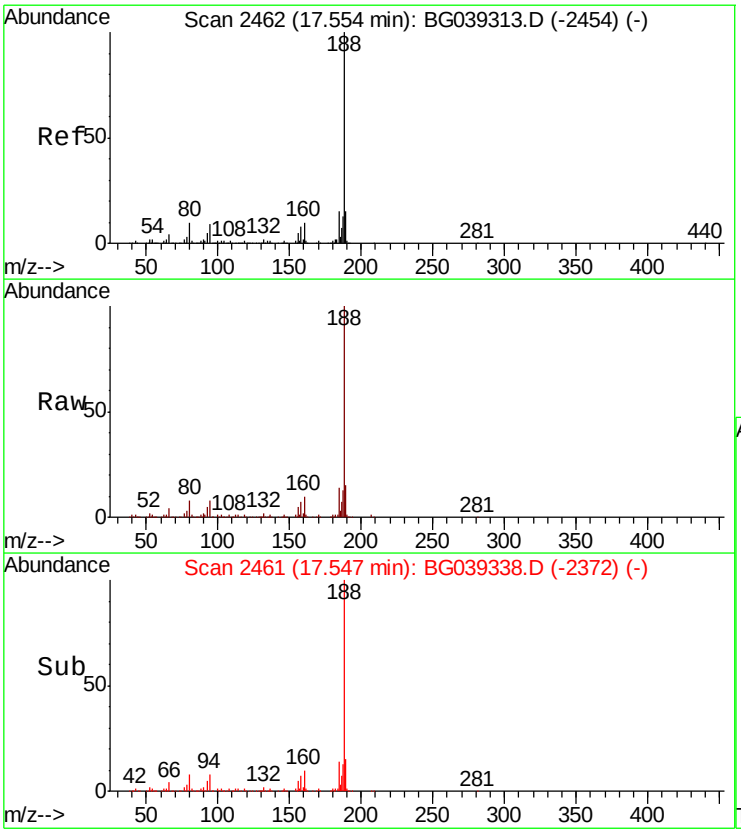
#62
4-Nitroaniline
Concen: 4.228 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.31 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:138 Resp: 55

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

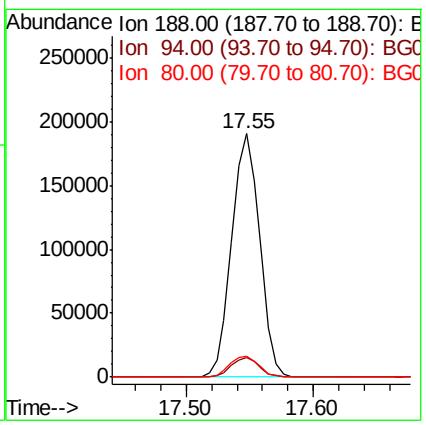


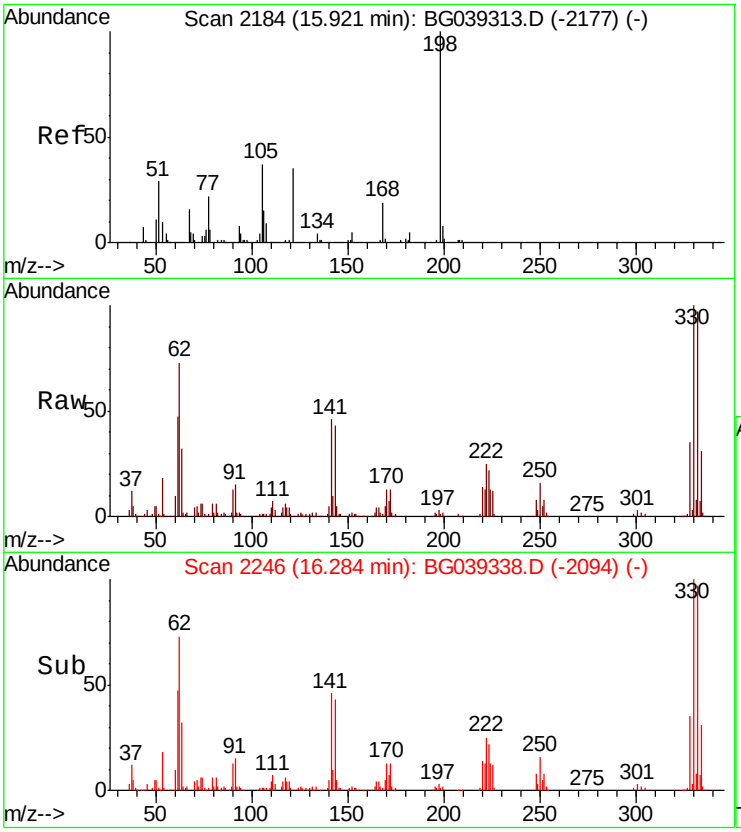


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:188 Resp: 290057

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.4	8.1	12.1



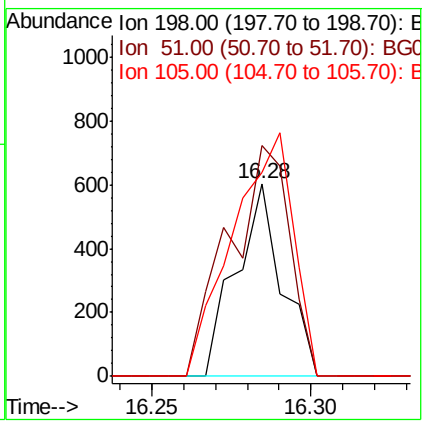


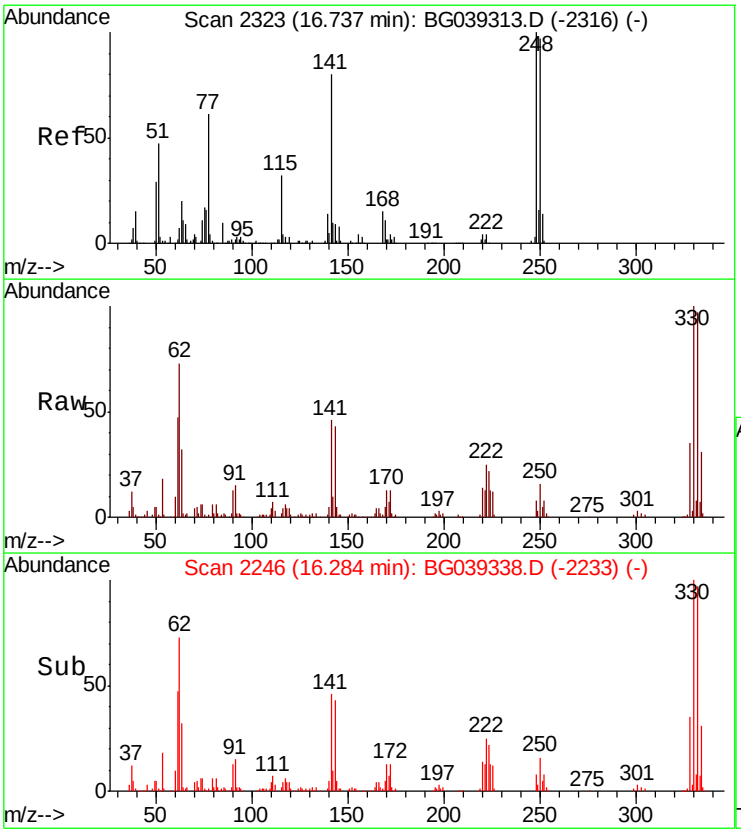
#65
4,6-Dinitro-2-methylphenol
Concen: 4.846 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:198 Resp: 607

Ion	Ratio	Lower	Upper
198	100		
51	119.7	27.4	67.4#
105	106.1	19.7	59.7#

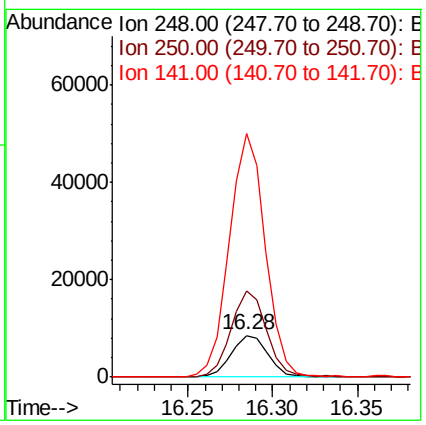


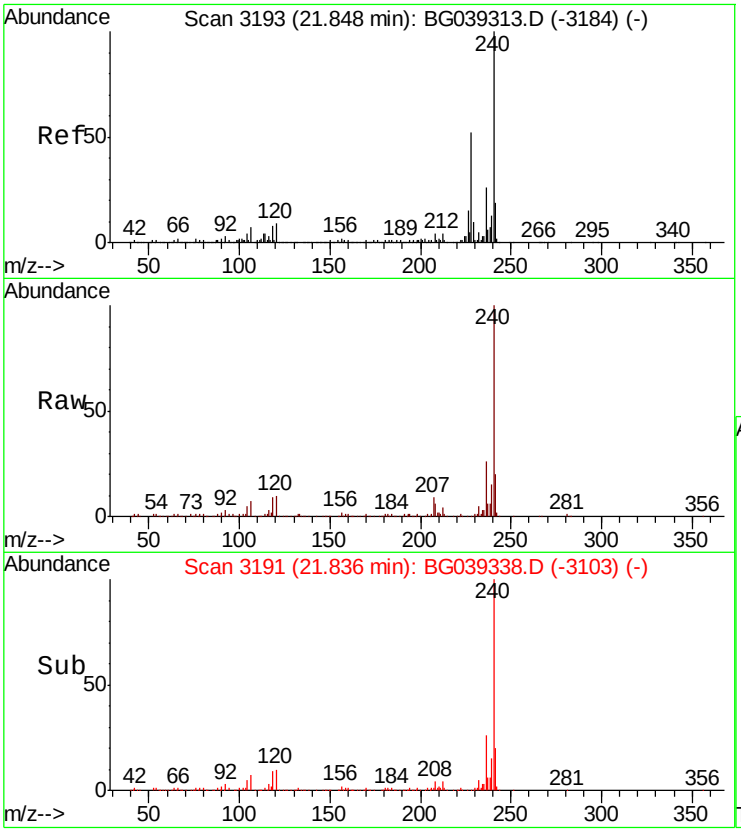


#67
4-Bromophenyl-phenylether
Concen: 4.025 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:248 Resp: 12952

Ion	Ratio	Lower	Upper
248	100		
250	206.1	77.6	116.4#
141	586.1	63.9	95.9#



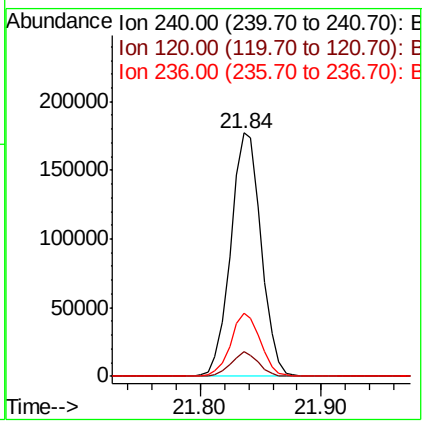


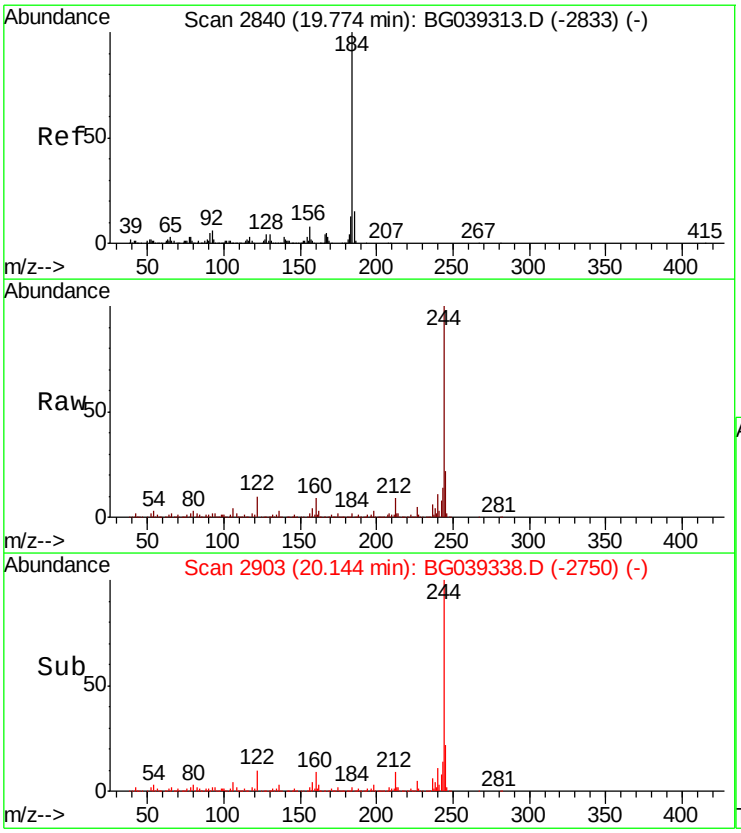
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 310012

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.0	10.6
236	25.7	21.0	31.4

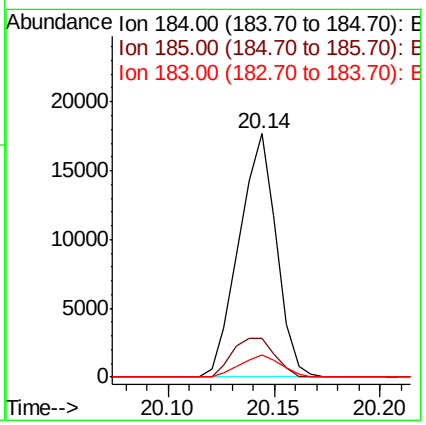


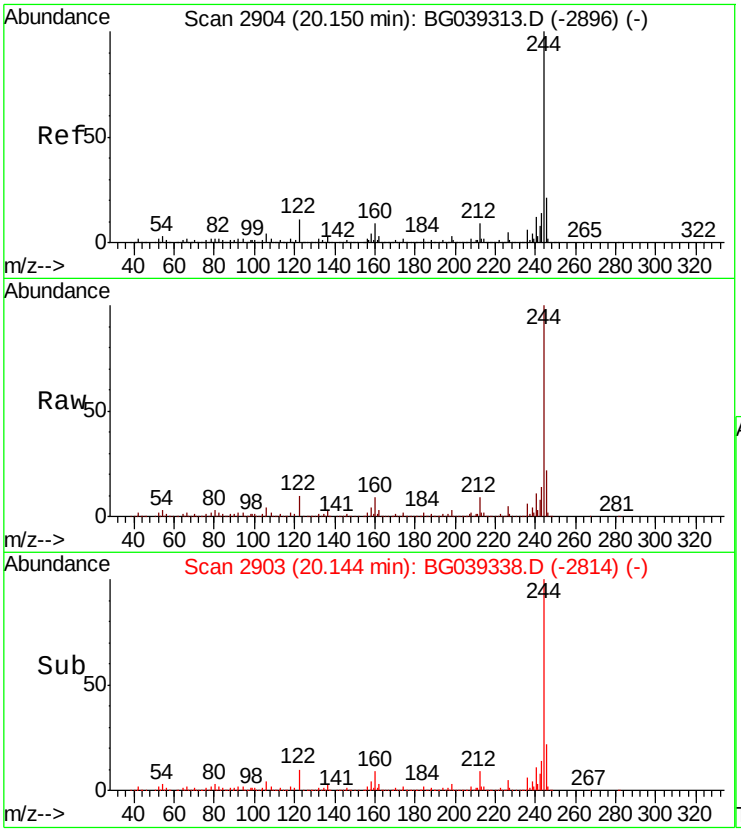


#77
Benzidine
Concen: 2.136 ng
RT: 20.14 min Scan# 2903
Delta R.T. 0.37 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:184 Resp: 21714

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.2	18.2
183	9.4	10.6	15.8#



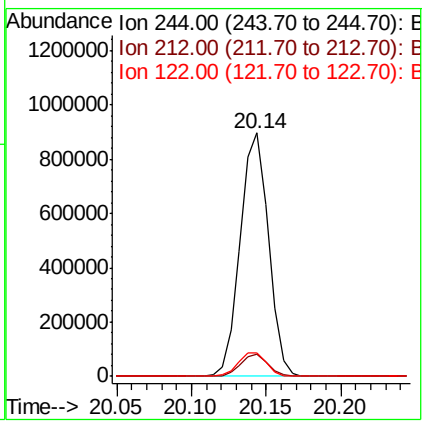


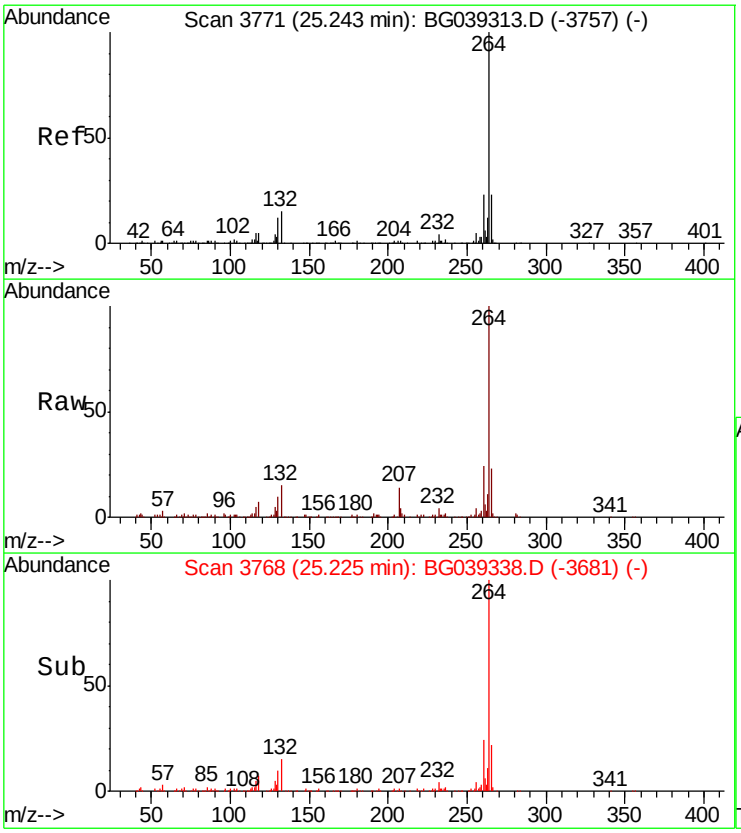
#79
Terphenyl-d14
Concen: 80.352 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 1176841

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.7	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:264 Resp: 304861

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.6	18.5	27.7