Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020519\
Data File : BG039359.D
Acq On : 5 Feb 2019 18:08
Operator : JU/SJ
Sample : K1350-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-03-020419-B

Quant Time: Feb 05 21:32:21 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	51920	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223400	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	142817	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	344704	20.00	ng	0.00
76) Chrysene-d12	21.83	240	388341	20.00	ng	-0.01
87) Perylene-d12	25.22	264	380088	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	400781	132.11	ng	0.00
7) Phenol-d6	7.32	99	512199	114.71	ng	0.00
23) Nitrobenzene-d5	9.36	82	355622	99.45	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	192521	125.18	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	898214	90.22	ng	0.00
79) Terphenyl-d14	20.14	244	1457529	79.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	928	Below Cal	#	22
19) n-Nitroso-di-n-propylamine	9.36	70	46183	14.572	ng	# 72
32) Benzoic acid	10.55	122	55	9.042	ng	# 1
48) 2-Nitroaniline	13.43	65	1723	8.851	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	18412	13.933	ng	# 24
56) 4-Nitrophenol	15.20	139	55	5.818	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	18412	13.406	ng	# 19
62) 4-Nitroaniline	15.94	138	82	4.233	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.15	198	78	4.243	ng	# 32
67) 4-Bromophenyl-phenylether	16.28	248	14420	3.771	ng	# 1
77) Benzidine	20.14	184	26567	2.087	ng	# 91

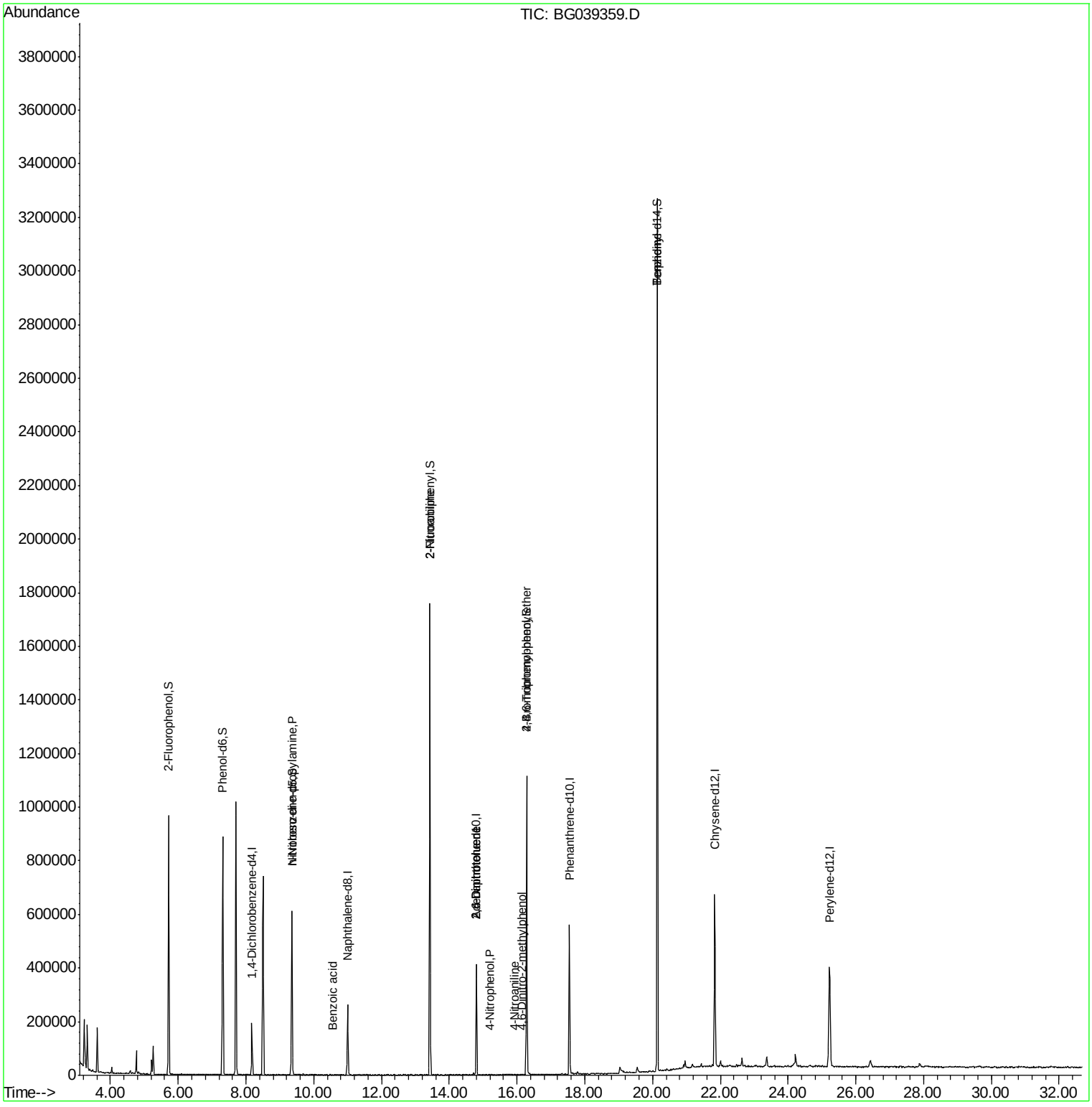
(#) = qualifier out of range (m) = manual integration (+) = signals summed

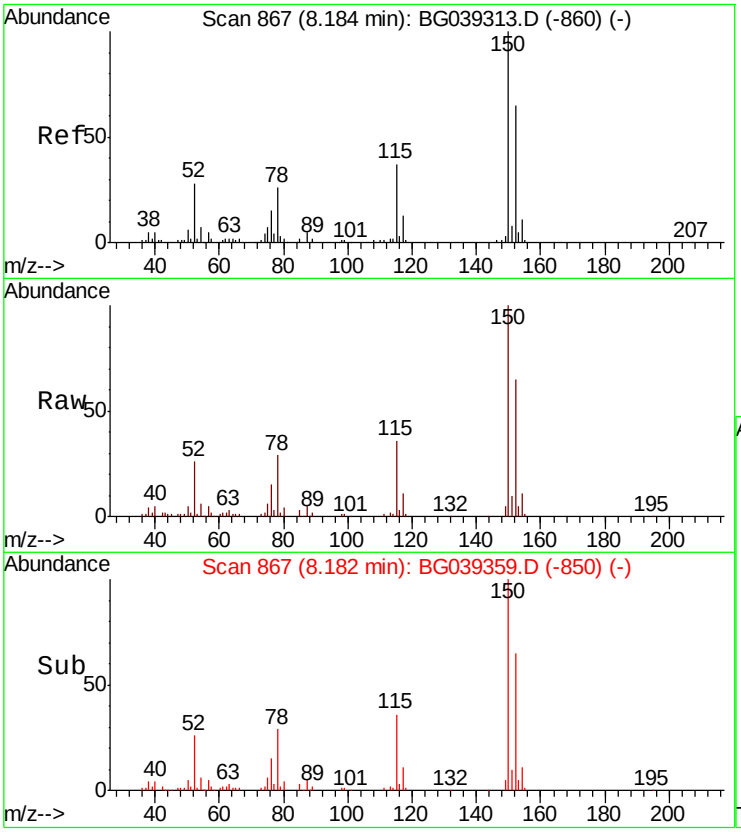
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020519\
Data File : BG039359.D
Acq On : 5 Feb 2019 18:08
Operator : JU/SJ
Sample : K1350-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Quant Time: Feb 05 21:32:21 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



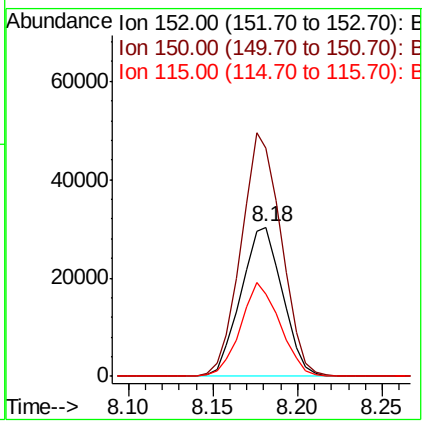


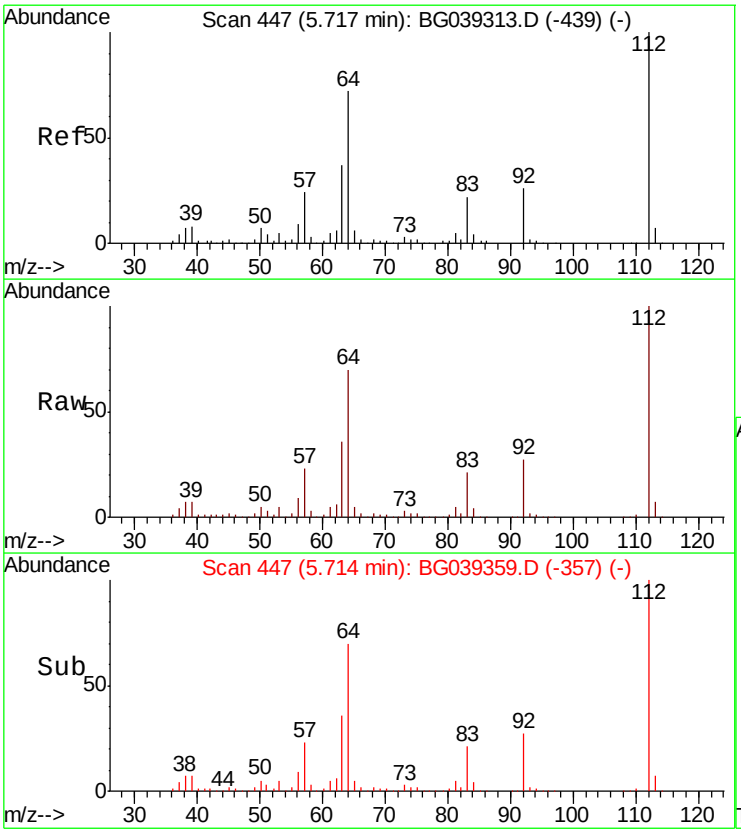
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:152 Resp: 51920

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.7	185.5
115	55.6	45.9	68.9

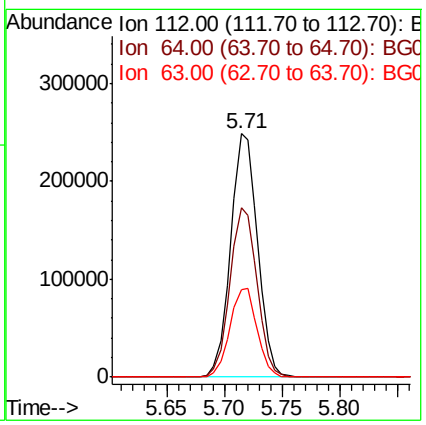


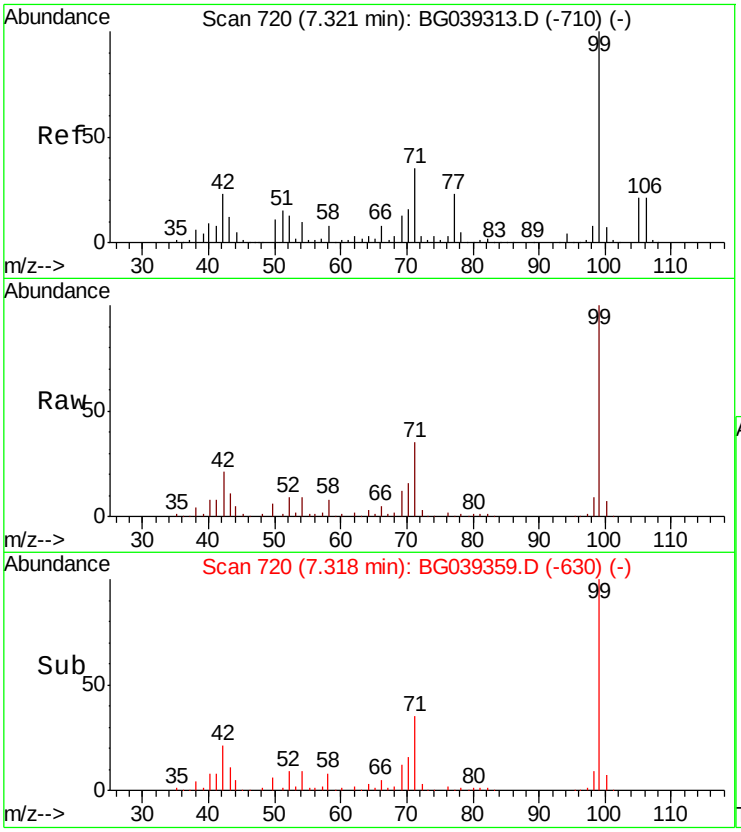


#5
2-Fluorophenol
Concen: 132.115 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:112 Resp: 400781

Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	36.1	29.8	44.6



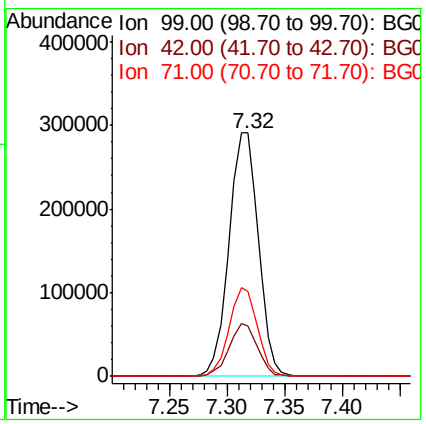


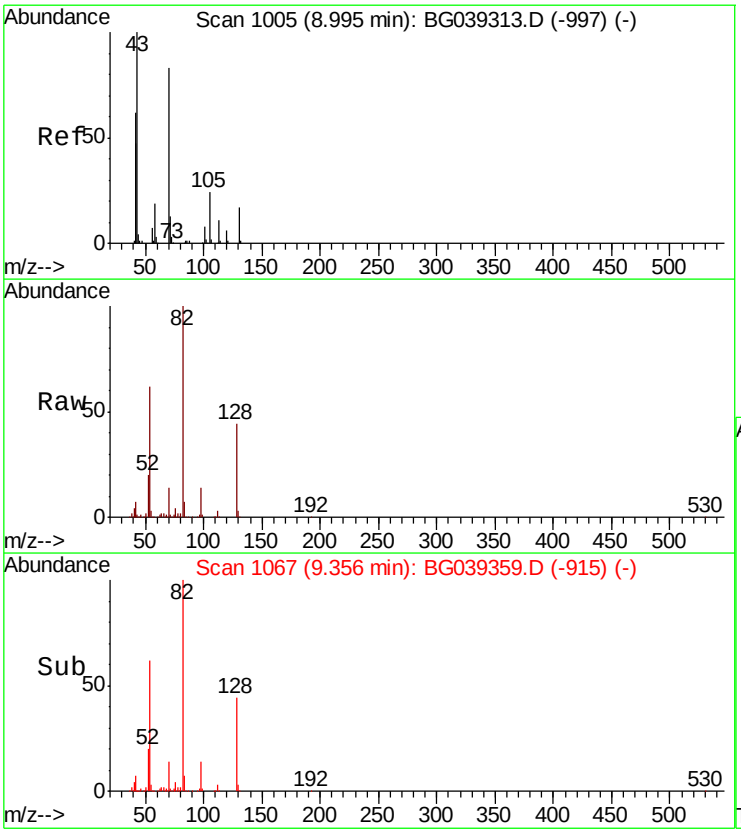
#7
Phenol-d6
Concen: 114.705 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion: 99 Resp: 512199

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	35.1	28.0	42.0

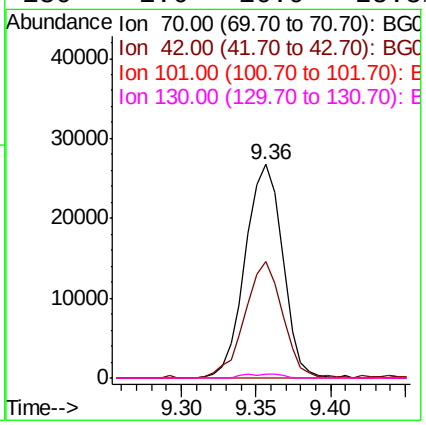


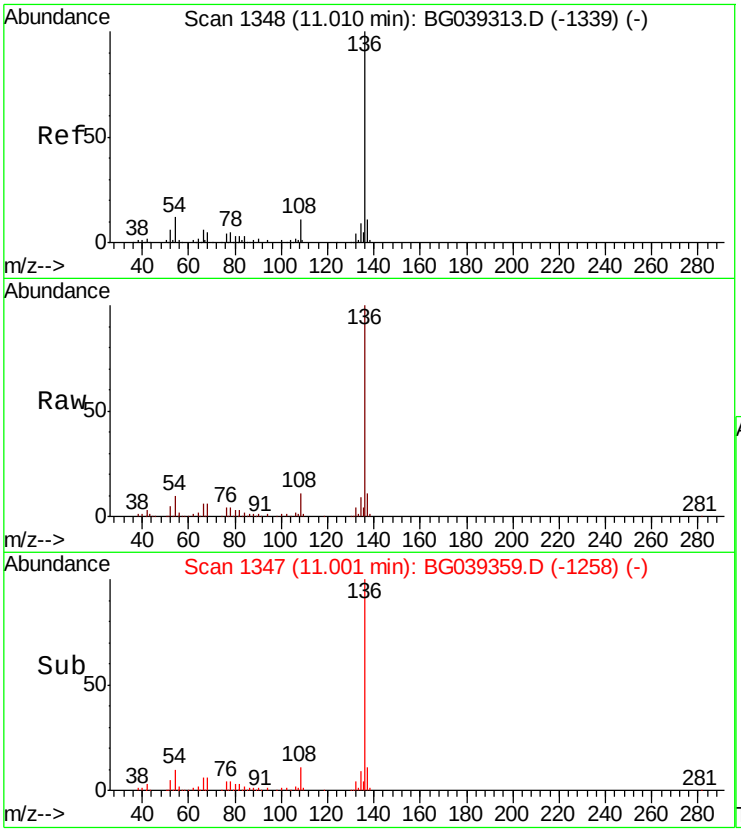


#19
n-Nitroso-di-n-propylamine
Concen: 14.572 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion: 70 Resp: 46183

Ion	Ratio	Lower	Upper
70	100		
42	54.5	60.4	90.6#
101	0.0	7.5	11.3#
130	1.6	16.9	25.3#



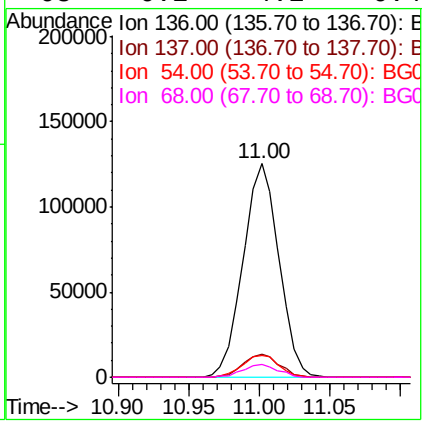


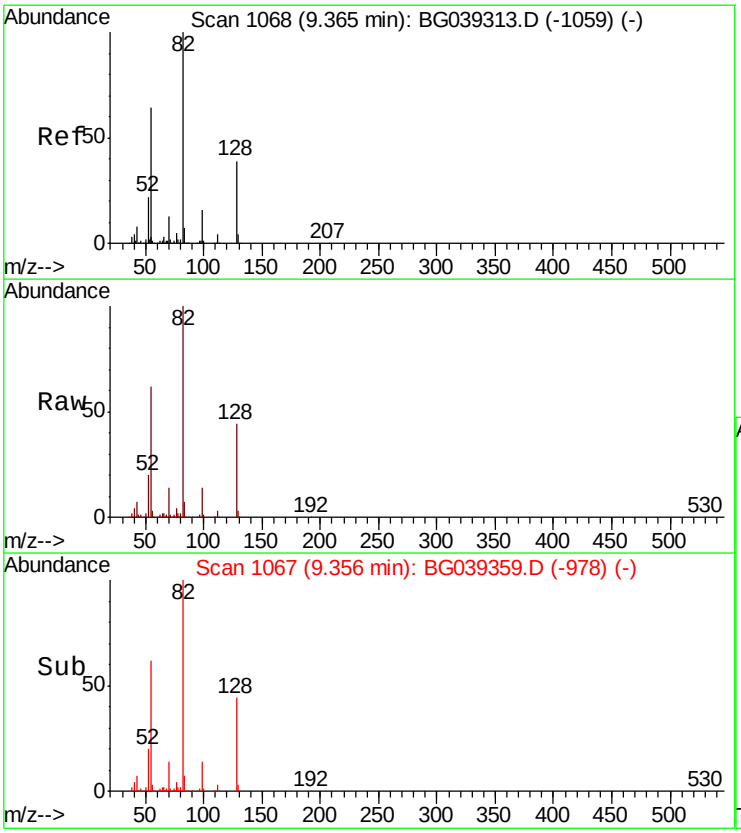
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:136 Resp: 223400

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.2	9.4	14.2
68	6.2	4.2	6.4

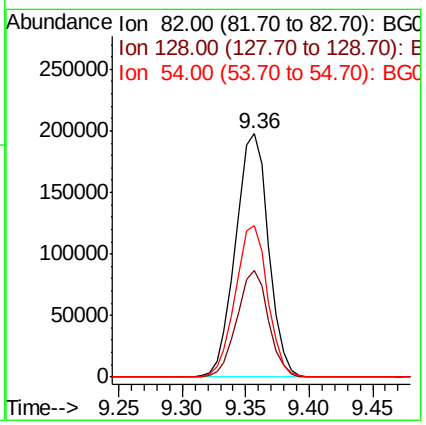


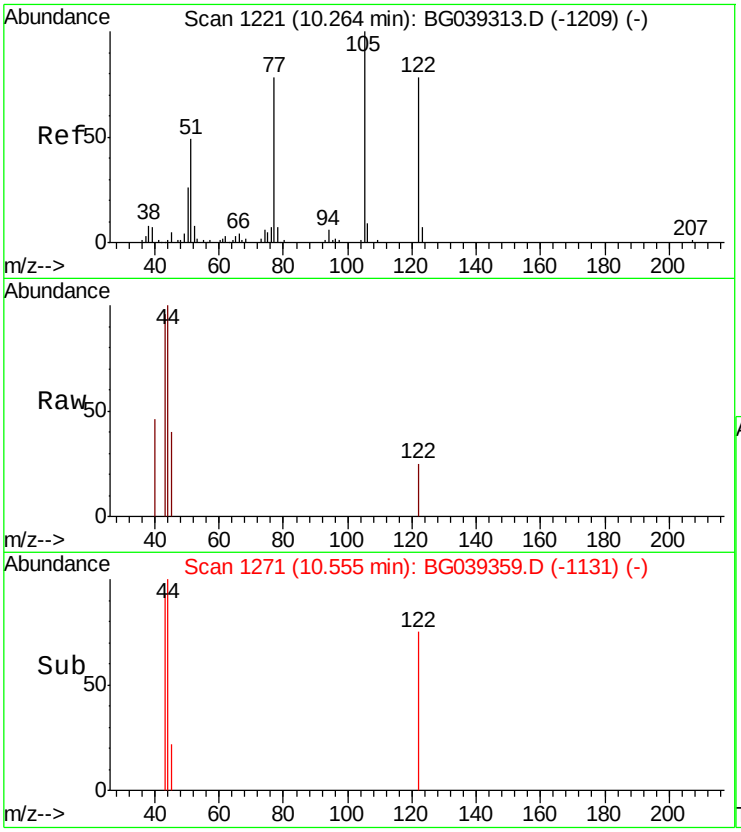


#23
Nitrobenzene-d5
Concen: 99.446 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion: 82 Resp: 355622

Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	62.2	50.9	76.3



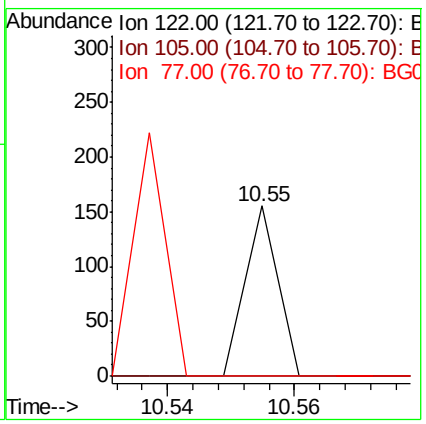


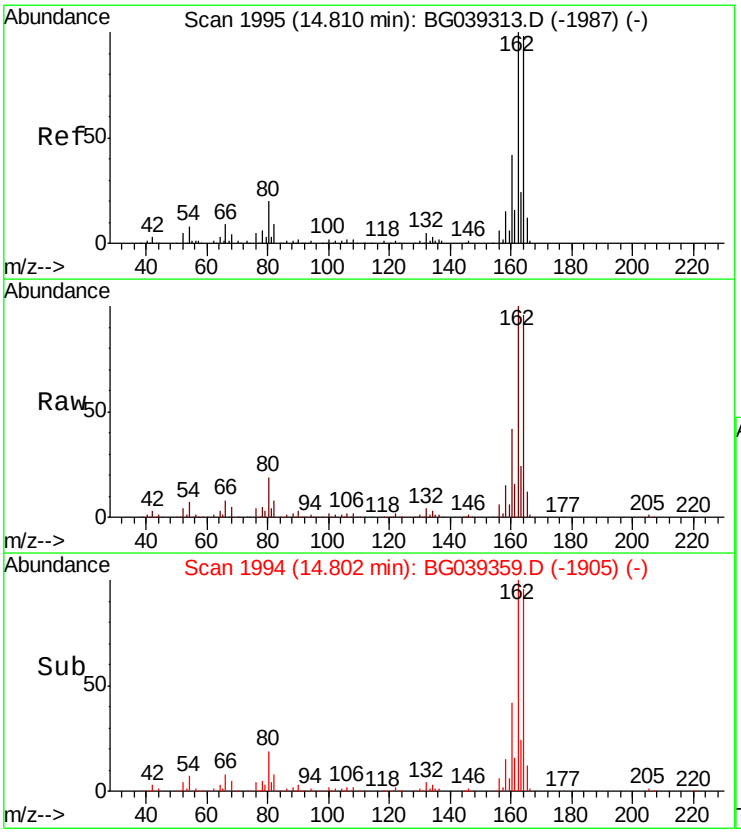
#32
Benzoic acid
Concen: 9.042 ng
RT: 10.55 min Scan# 1271
Delta R.T. 0.29 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

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#

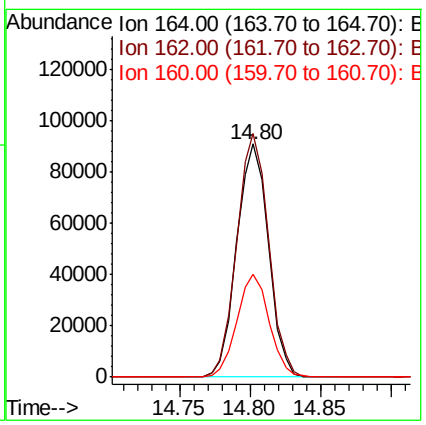


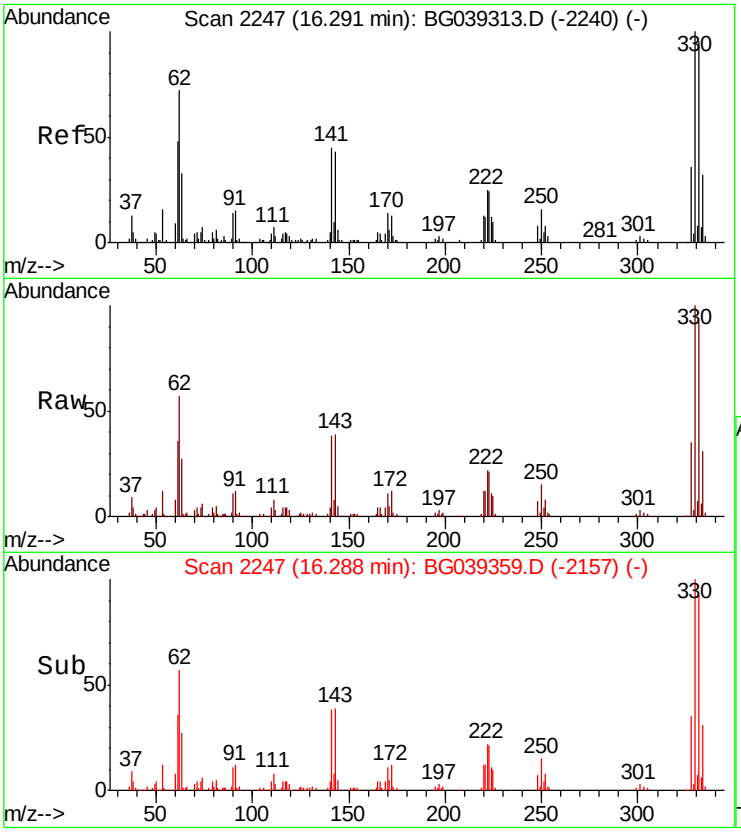


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:164 Resp: 142817

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.6	122.4
160	44.0	34.2	51.2



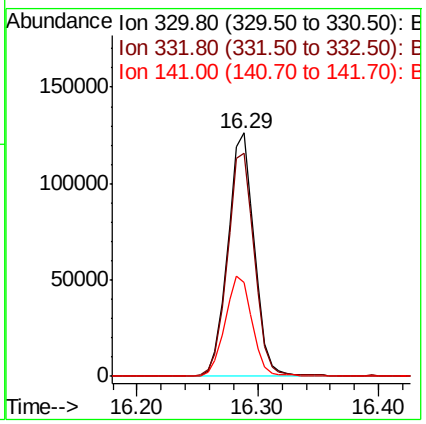


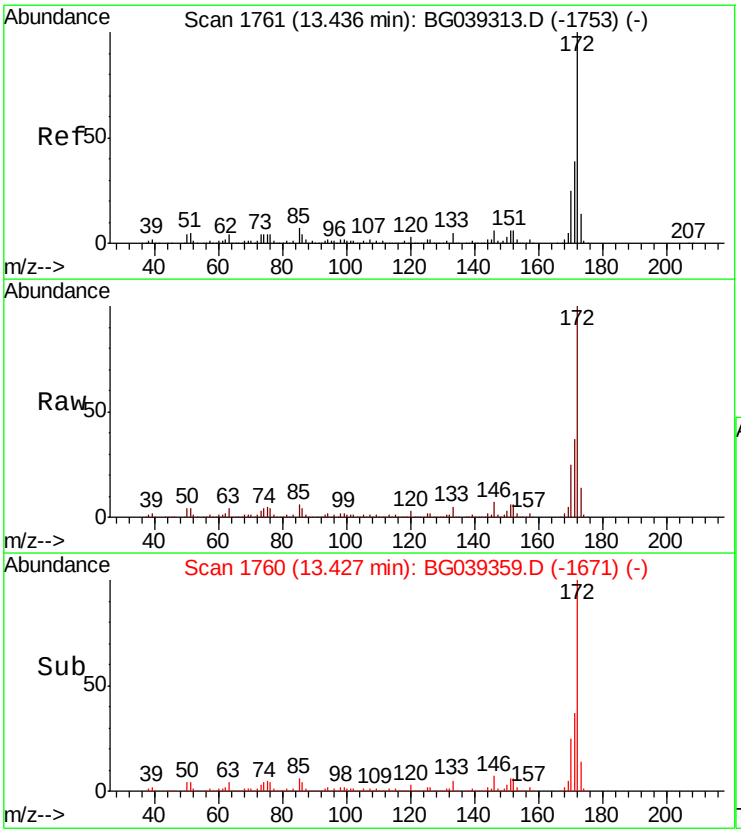
#42
2,4,6-Tribromophenol
Concen: 125.185 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:330 Resp: 192521

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	42.0	35.6	53.4

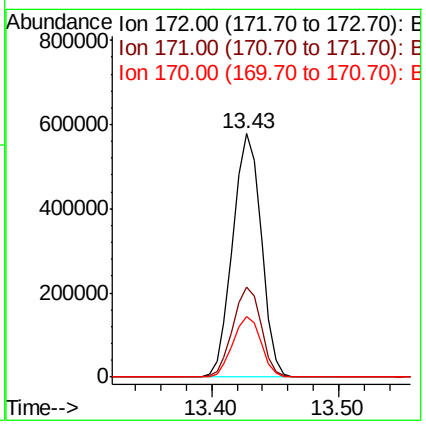


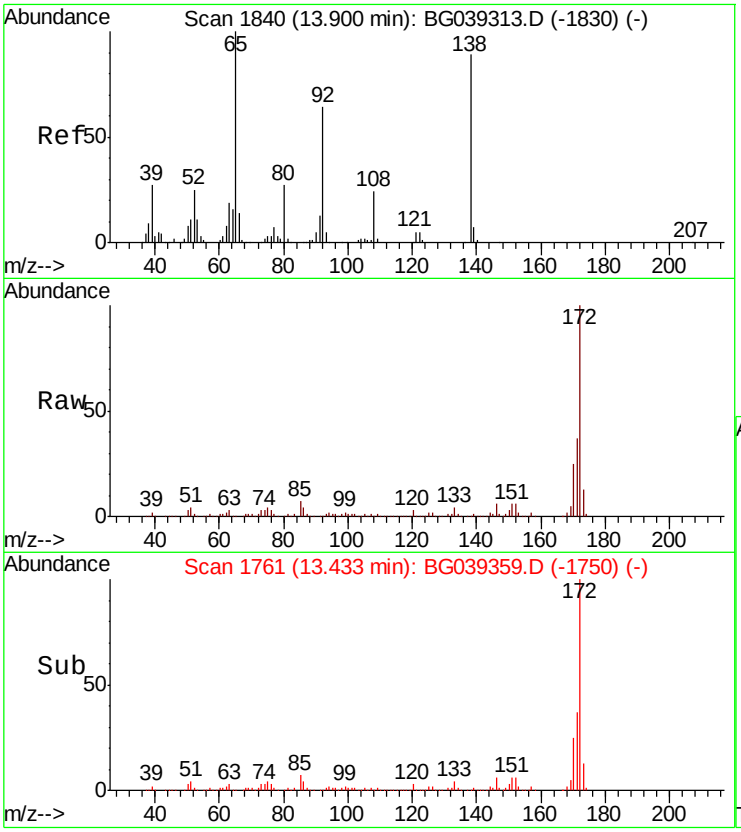


#45
2-Fluorobiphenyl
Concen: 90.223 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:172 Resp: 898214

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.7	20.2	30.4



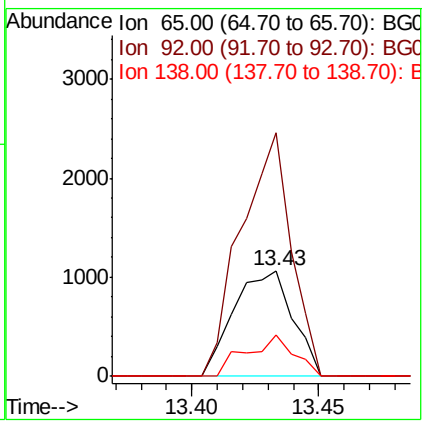


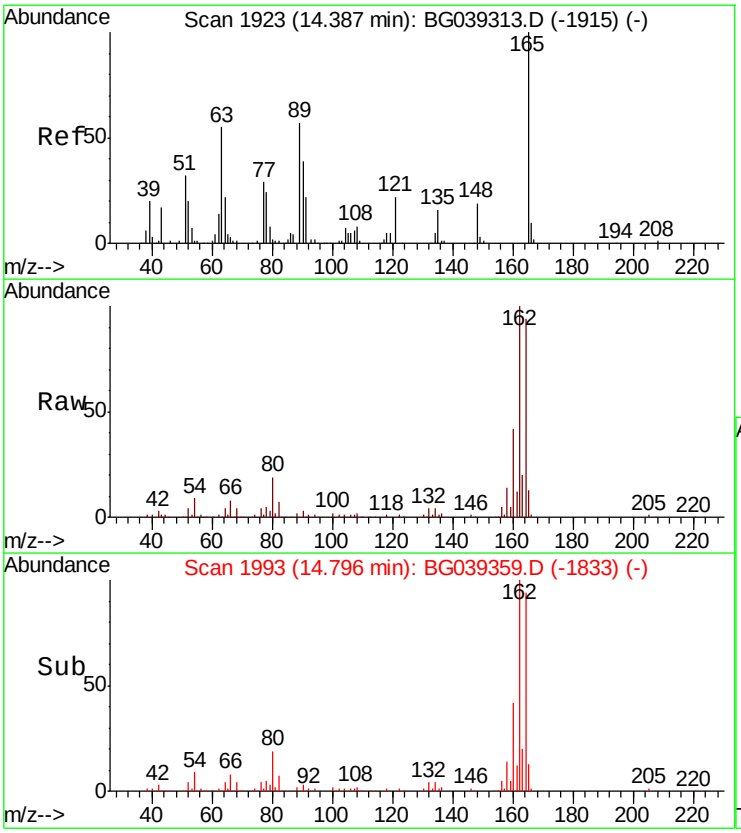
#48
2-Nitroaniline
Concen: 8.851 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.47 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion: 65 Resp: 1723

Ion	Ratio	Lower	Upper
65	100		
92	229.9	51.4	77.2#
138	39.4	71.4	107.2#

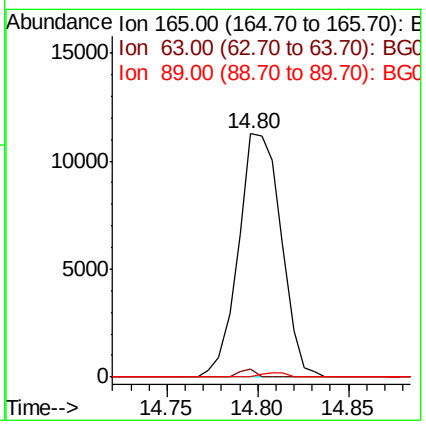


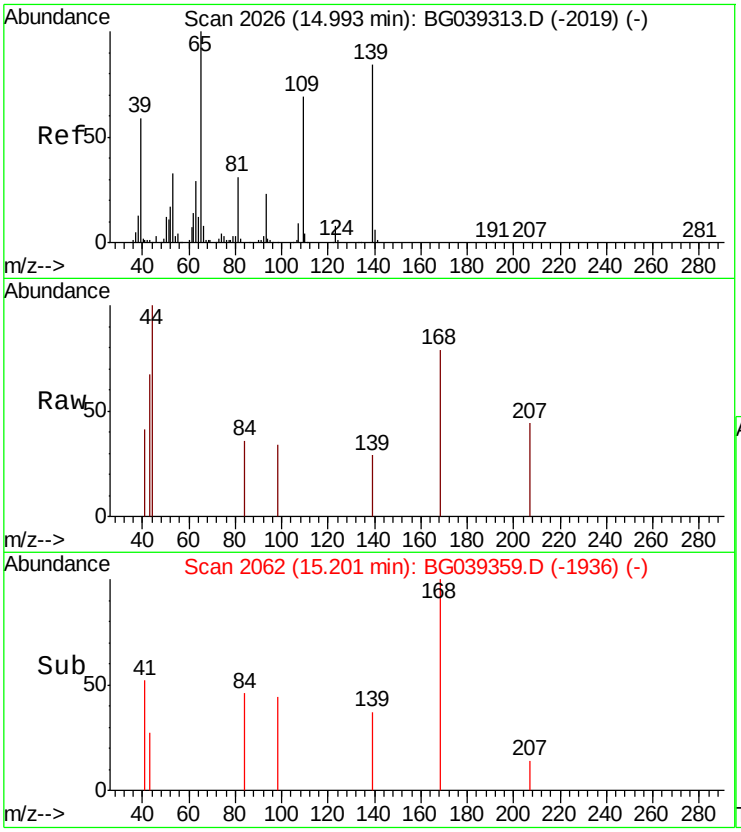


#51
2,6-Dinitrotoluene
Concen: 13.933 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:165 Resp: 18412

Ion	Ratio	Lower	Upper
165	100		
63	3.1	47.0	70.6#
89	0.0	45.8	68.8#



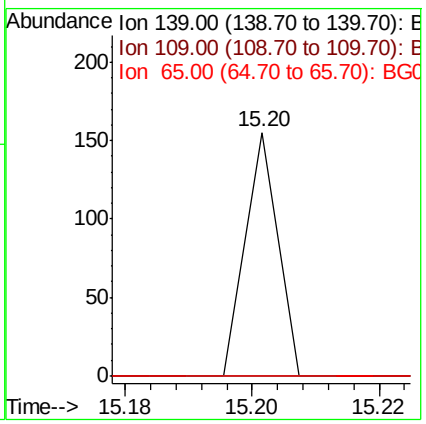


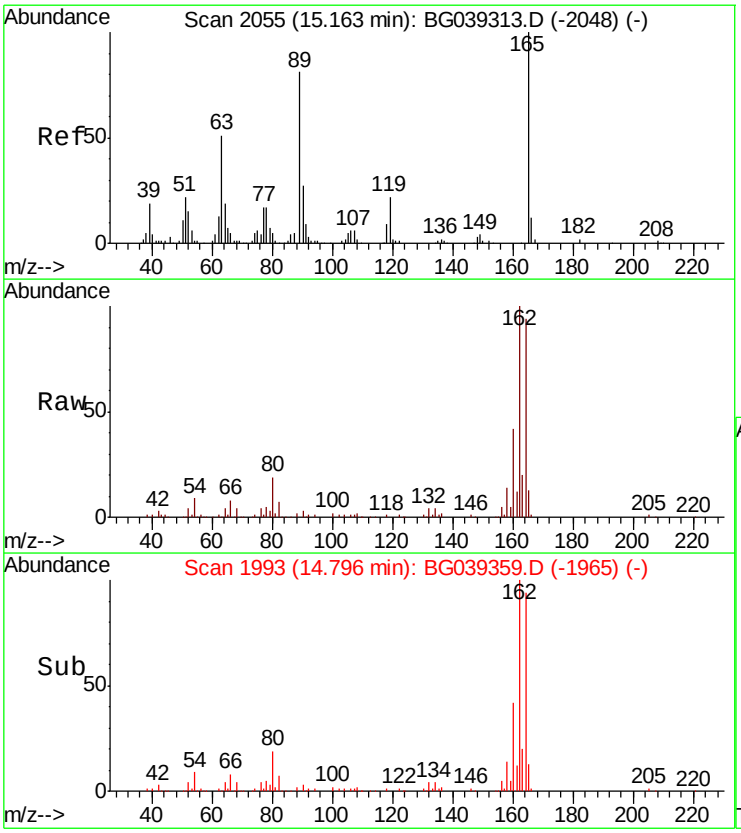
#56
4-Nitrophenol
Concen: 5.818 ng
RT: 15.20 min Scan# 2062
Delta R.T. 0.21 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:139 Resp: 55

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

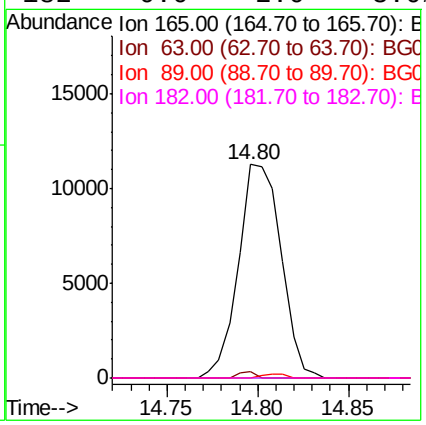


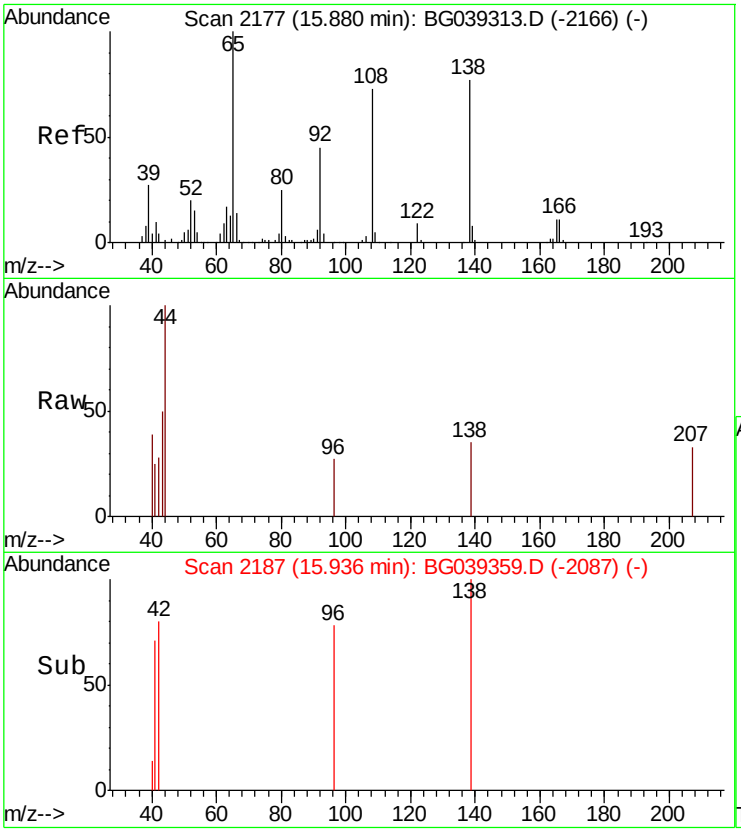


#57
2,4-Dinitrotoluene
Concen: 13.406 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:165 Resp: 18412

Ion	Ratio	Lower	Upper
165	100		
63	3.1	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



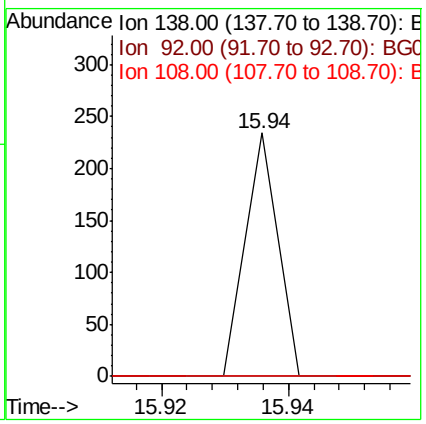


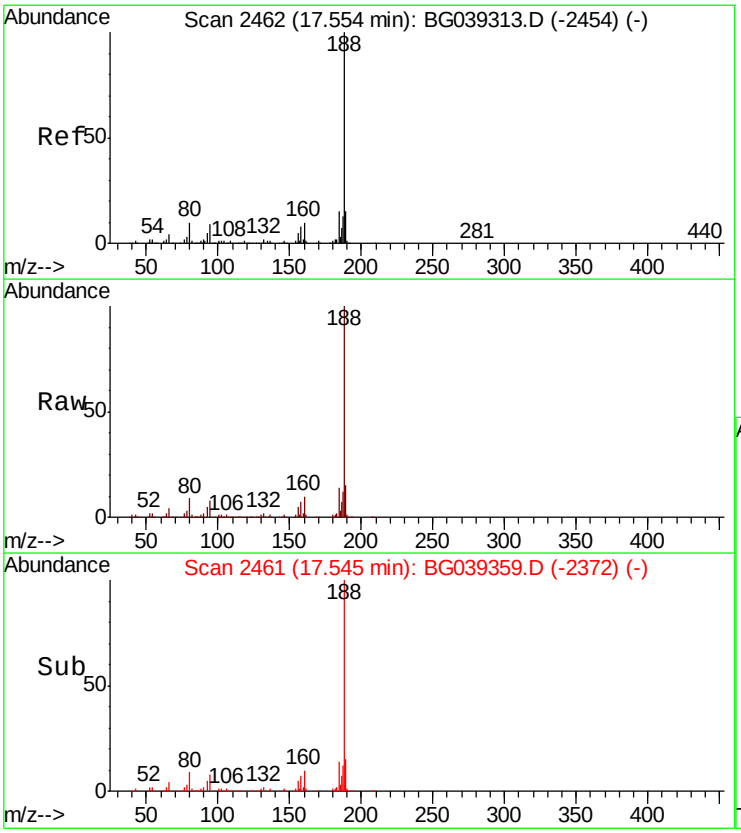
#62
4-Nitroaniline
Concen: 4.233 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.06 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:138 Resp: 82

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

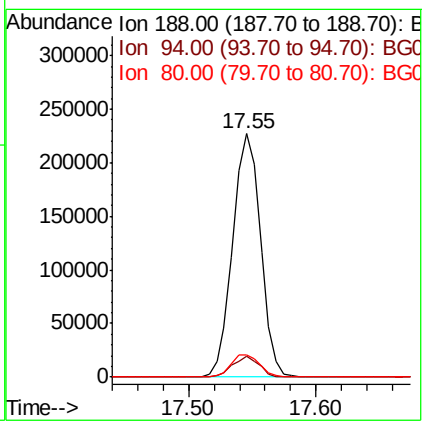


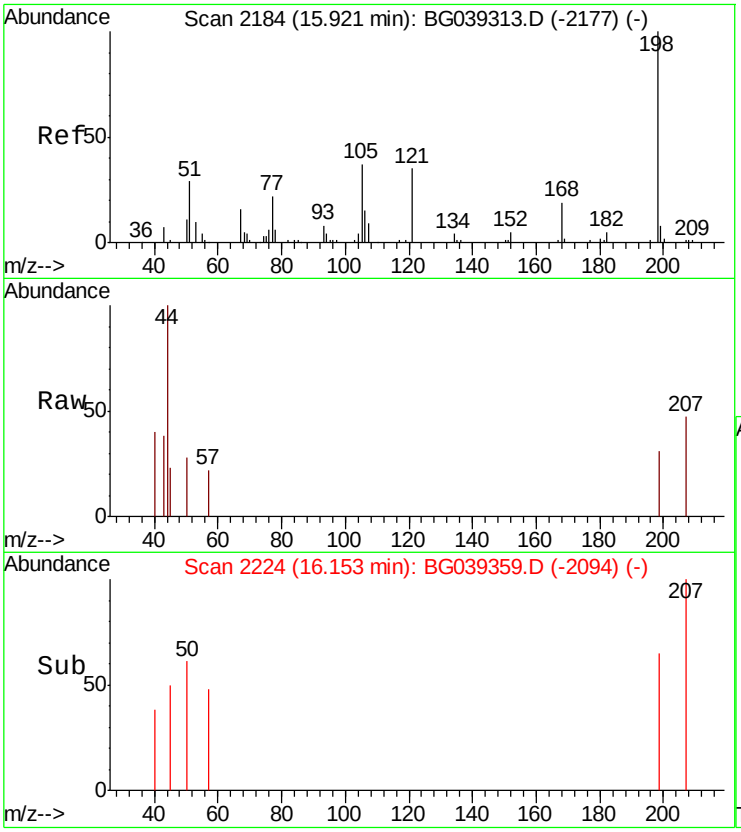


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:188 Resp: 344704

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.2	8.1	12.1



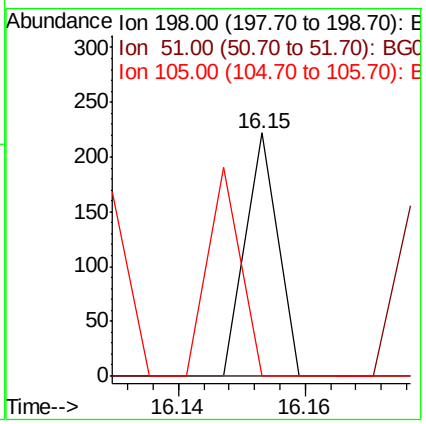


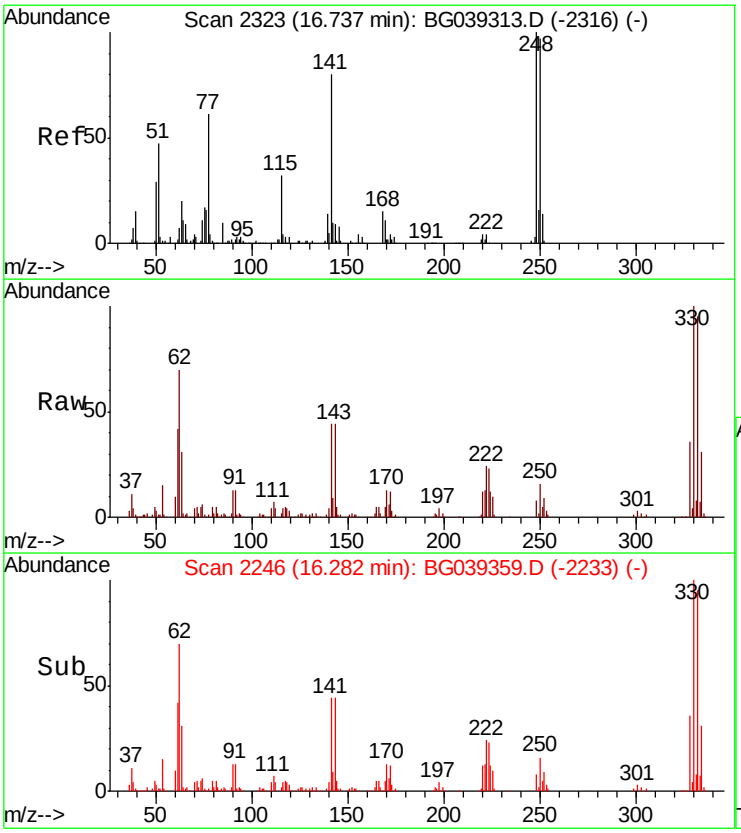
#65
4,6-Dinitro-2-methylphenol
Concen: 4.243 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.23 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:198 Resp: 78

Ion	Ratio	Lower	Upper
198	100		
51	0.0	27.4	67.4#
105	0.0	19.7	59.7#

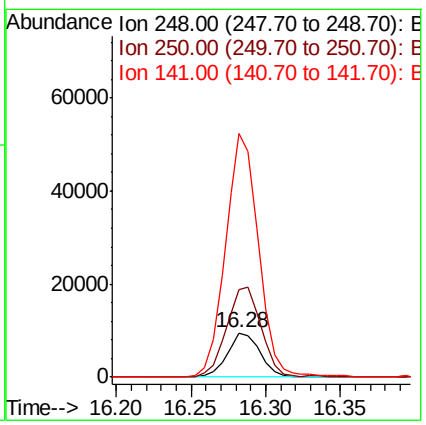


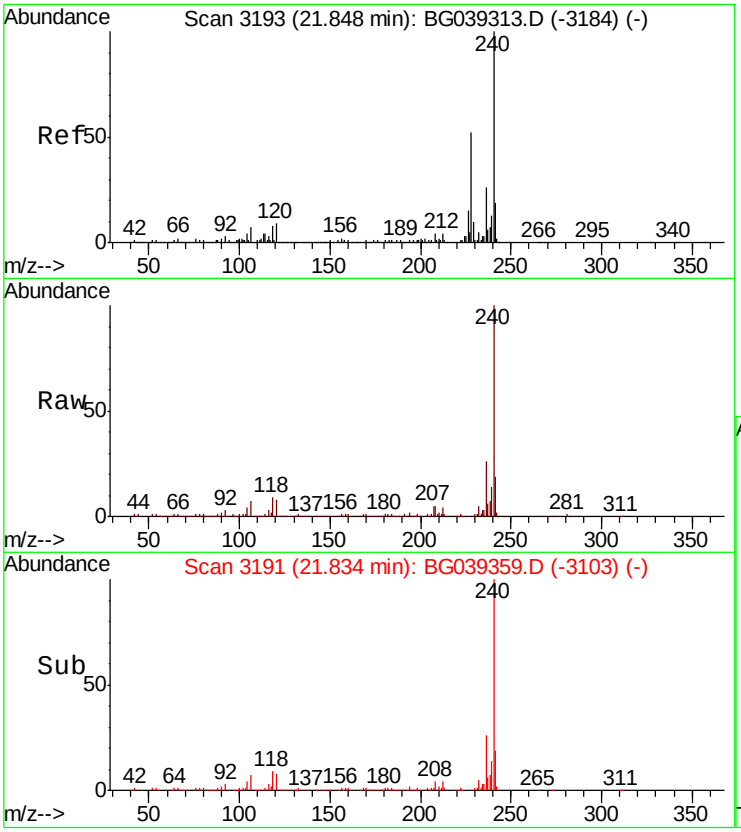


#67
4-Bromophenyl-phenylether
Concen: 3.771 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:248 Resp: 14420

Ion	Ratio	Lower	Upper
248	100		
250	195.7	77.6	116.4#
141	547.3	63.9	95.9#



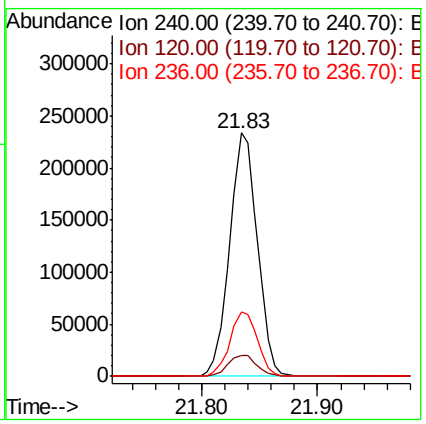


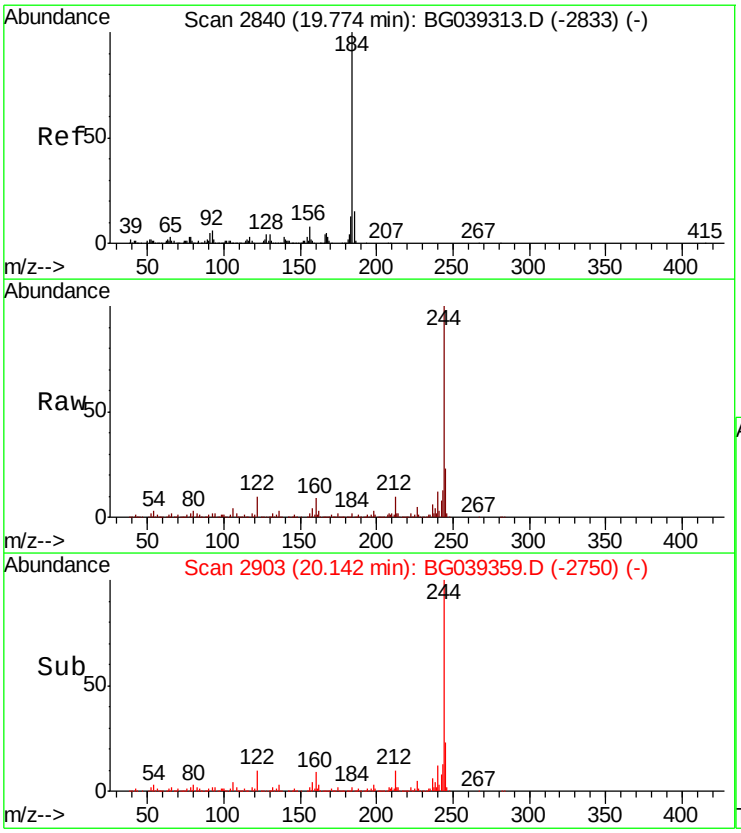
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:240 Resp: 388341

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.2	21.0	31.4

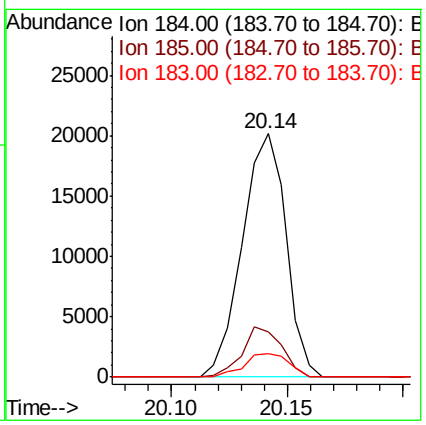


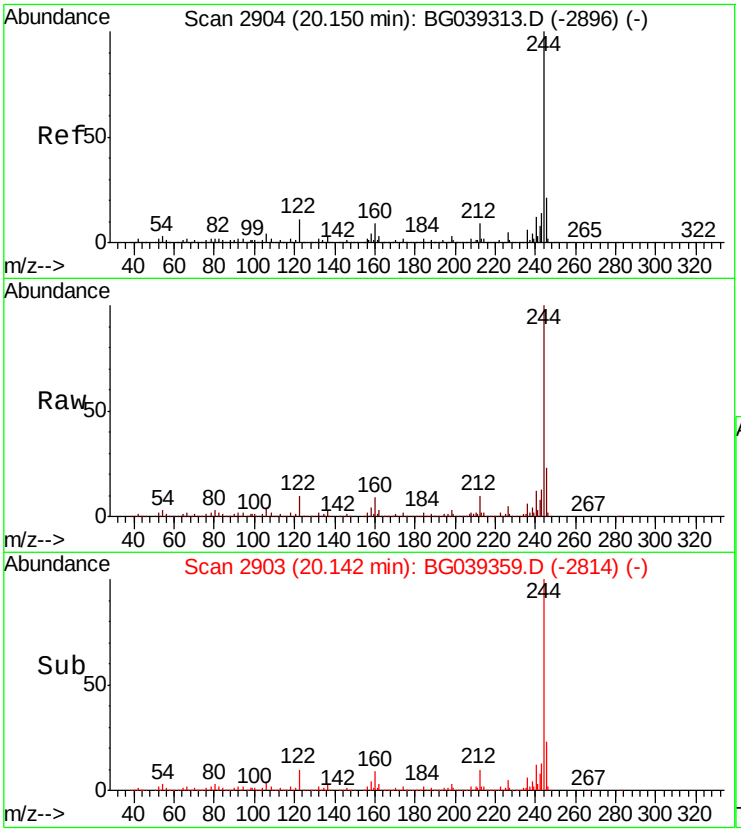


#77
Benzidine
Concen: 2.087 ng
RT: 20.14 min Scan# 2903
Delta R.T. 0.37 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:184 Resp: 26567

Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.2	18.2#
183	9.7	10.6	15.8#



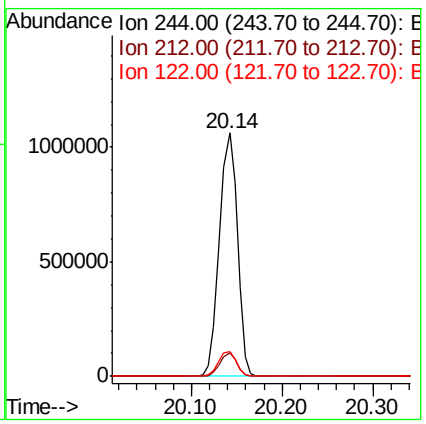


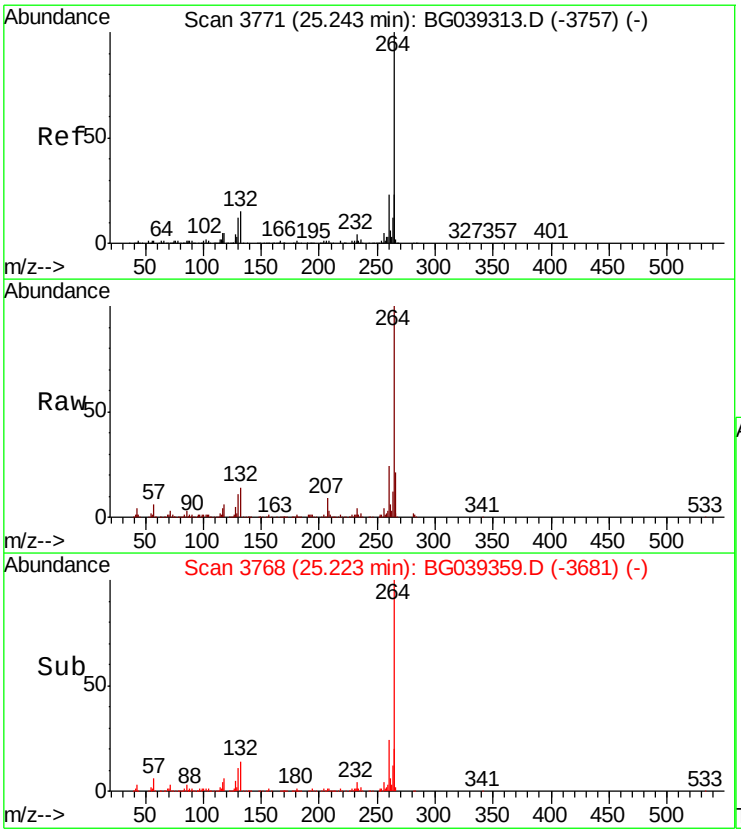
#79
Terphenyl-d14
Concen: 79.444 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-B

Tgt Ion:244 Resp: 1457529

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039359.D
Acq: 5 Feb 2019 18:08

Tgt Ion:264 Resp: 380088

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	20.6	18.5	27.7