Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
Data File : BG039516.D
Acq On : 14 Feb 2019 21:17
Operator : JU/SJ
Sample : K1350-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-021319-B

Quant Time: Feb 15 03:12:29 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	43372	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	201061	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	146142	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	363308	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	377427	20.00	ng	-0.02
87) Perylene-d12	25.21	264	374135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	412768	162.88	ng	0.00
7) Phenol-d6	7.32	99	565914	151.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	393666	122.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	240567	152.87	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1005492	98.70	ng	-0.02
79) Terphenyl-d14	20.13	244	1637512	91.84	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1000	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	50297	18.998	ng	# 72
48) 2-Nitroaniline	13.76	65	73	8.319	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	18798	13.916	ng	# 25
53) 3-Nitroaniline	14.77	138	64	5.816	ng	# 1
56) 4-Nitrophenol	15.21	139	120	5.846	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	18798	13.393	ng	# 20
62) 4-Nitroaniline	16.26	138	57	4.224	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.28	198	957	5.019	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	19136	4.748	ng	# 1
77) Benzidine	20.13	184	29483	2.383	ng	# 94

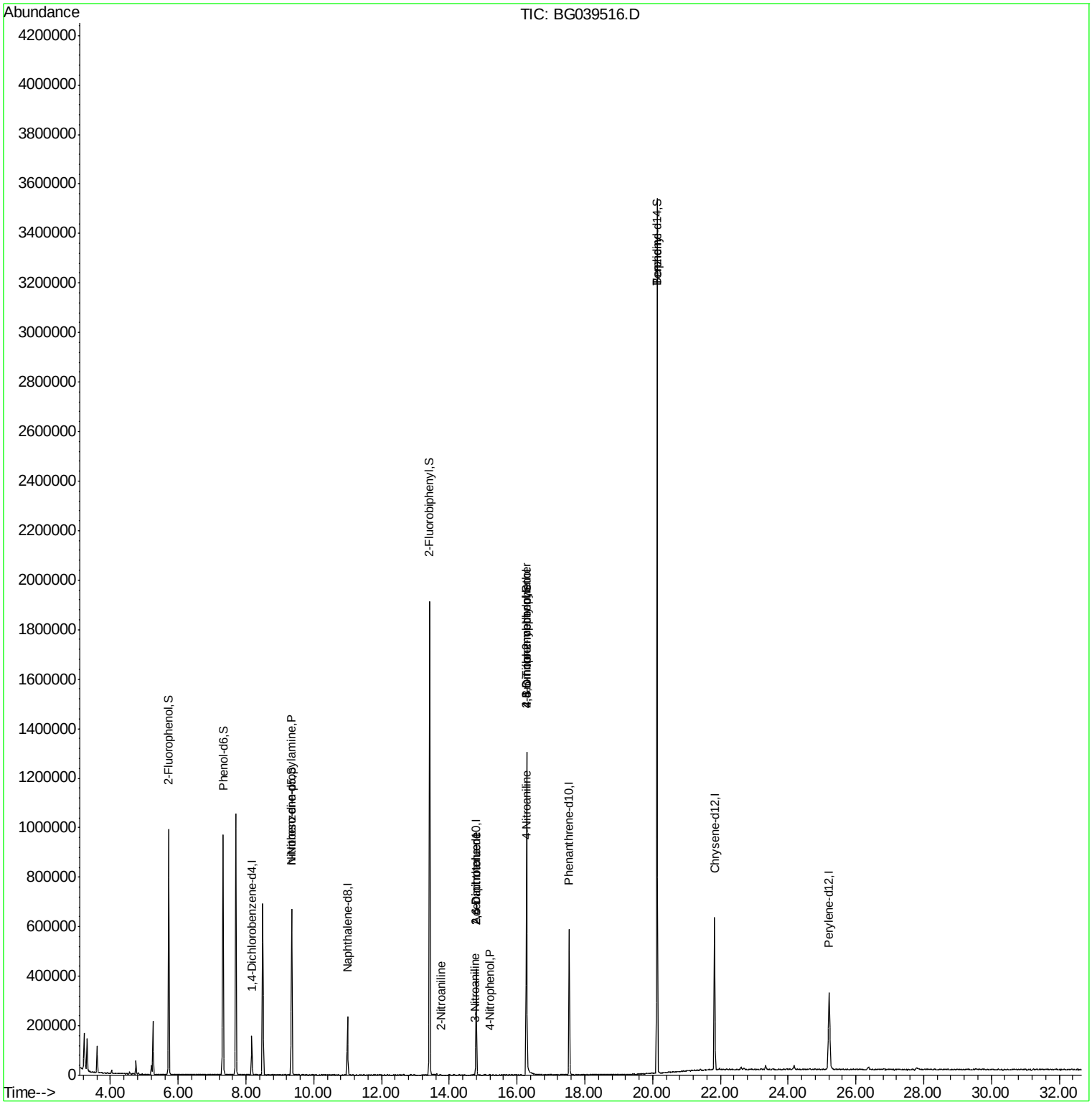
(#) = qualifier out of range (m) = manual integration (+) = signals summed

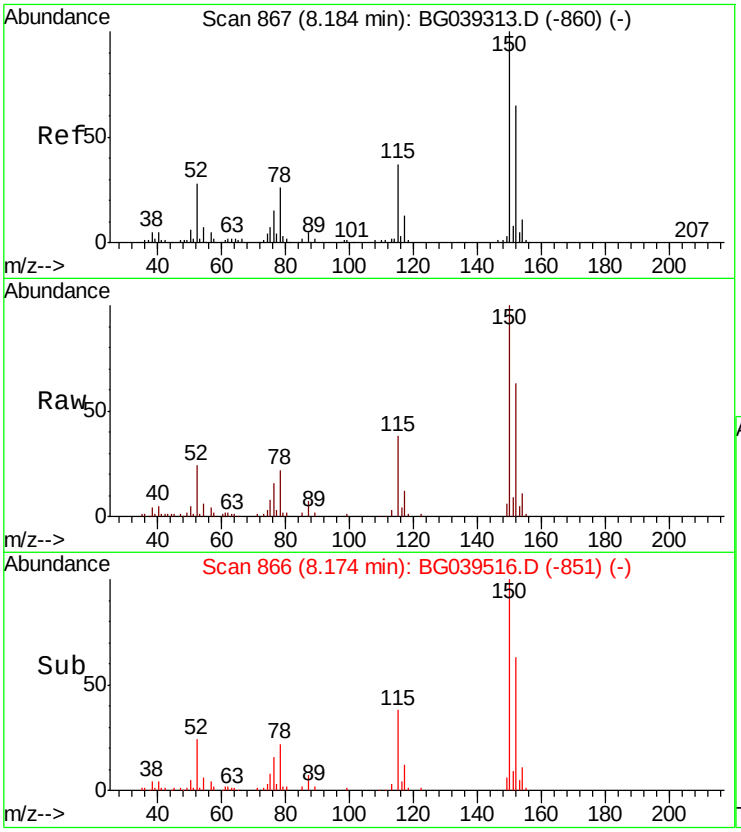
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
Data File : BG039516.D
Acq On : 14 Feb 2019 21:17
Operator : JU/SJ
Sample : K1350-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Quant Time: Feb 15 03:12:29 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



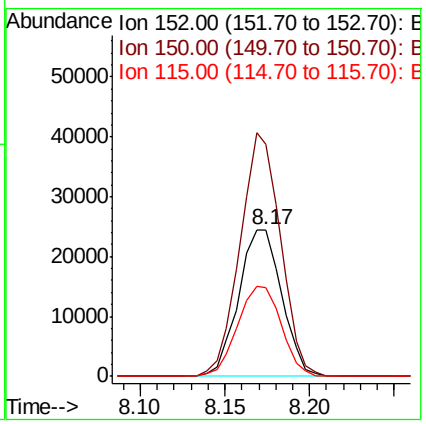


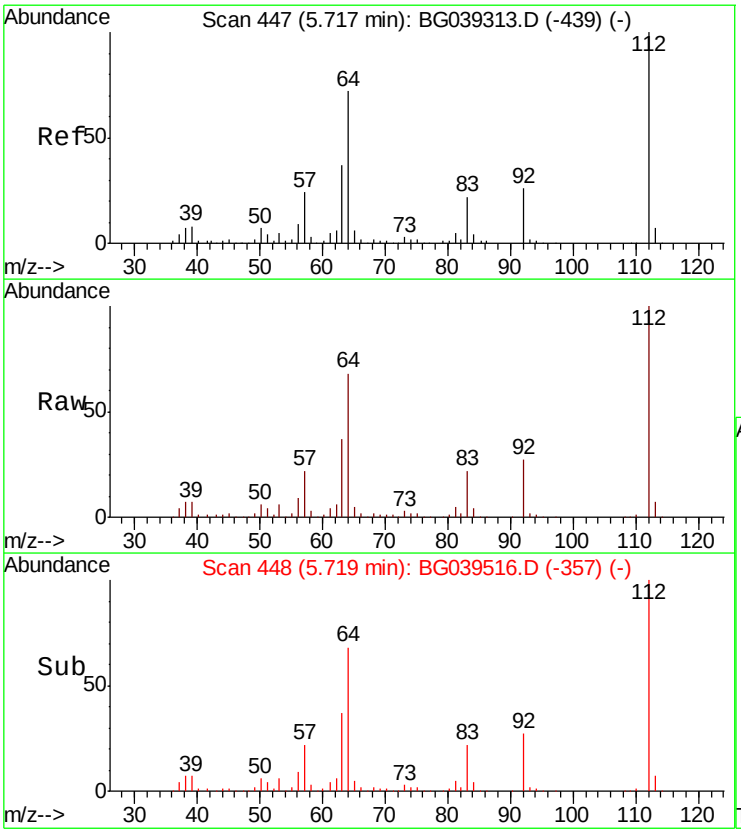
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:152 Resp: 43372

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.7	185.5
115	60.7	45.9	68.9

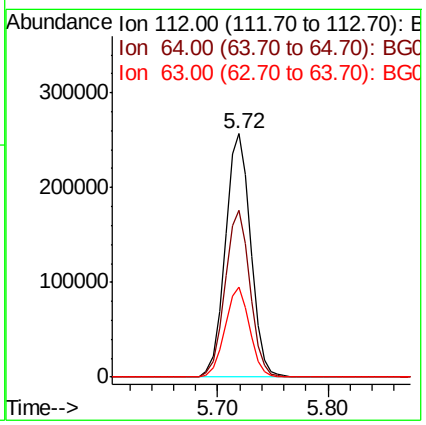


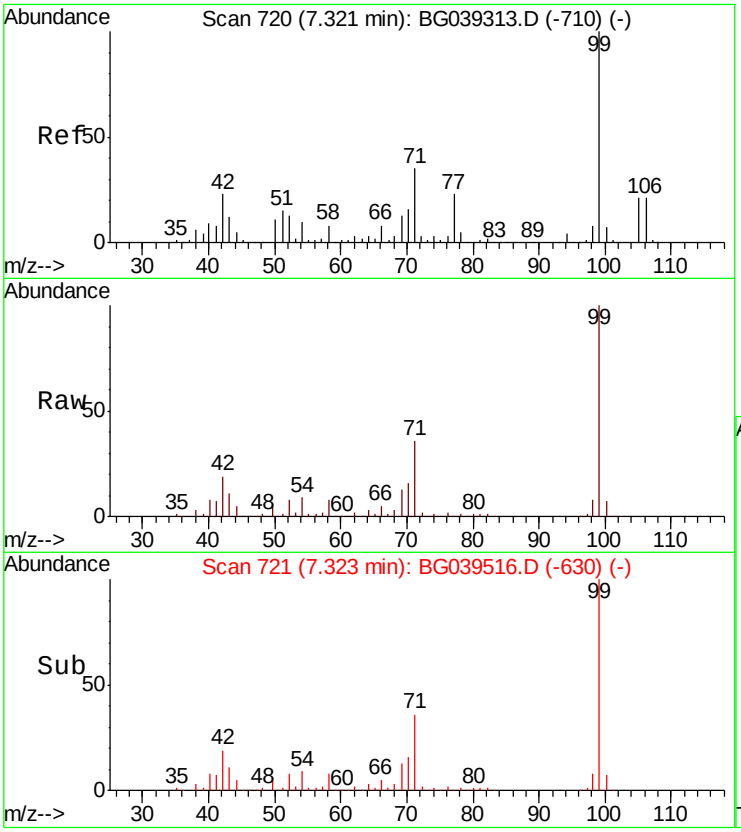


#5
2-Fluorophenol
Concen: 162.883 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:112 Resp: 412768

Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	37.0	29.8	44.6



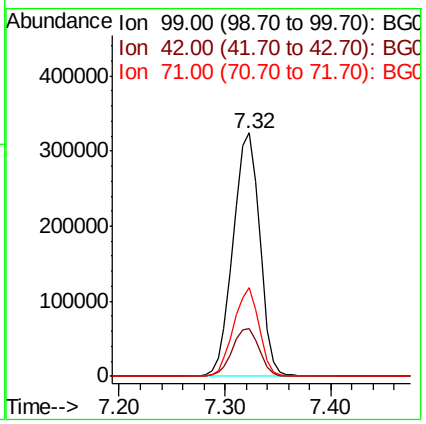


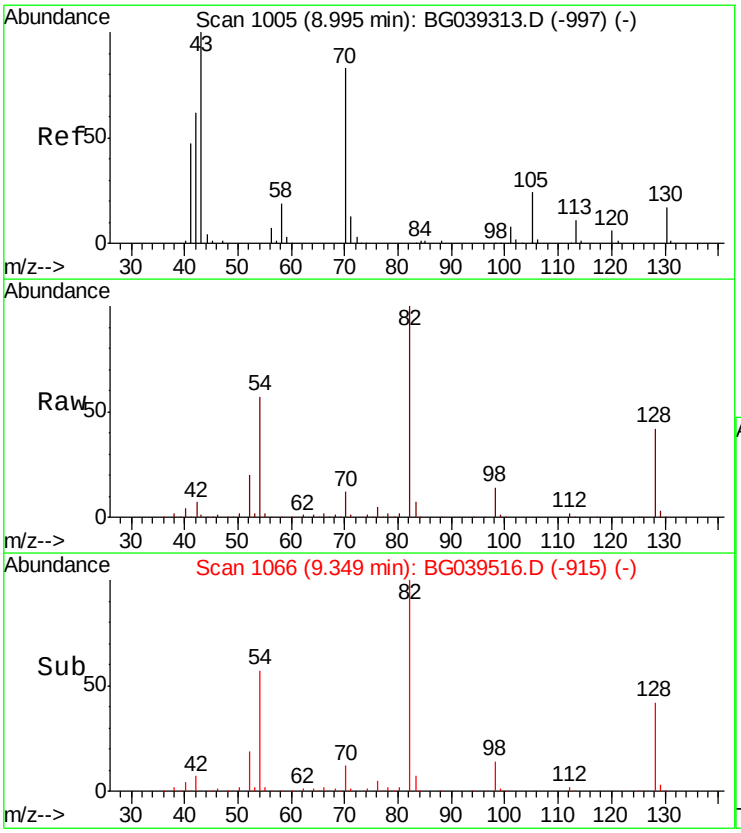
#7
Phenol-d6
Concen: 151.712 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion: 99 Resp: 565914

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	36.5	28.0	42.0

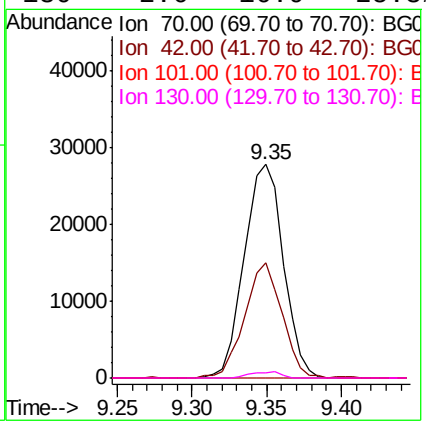


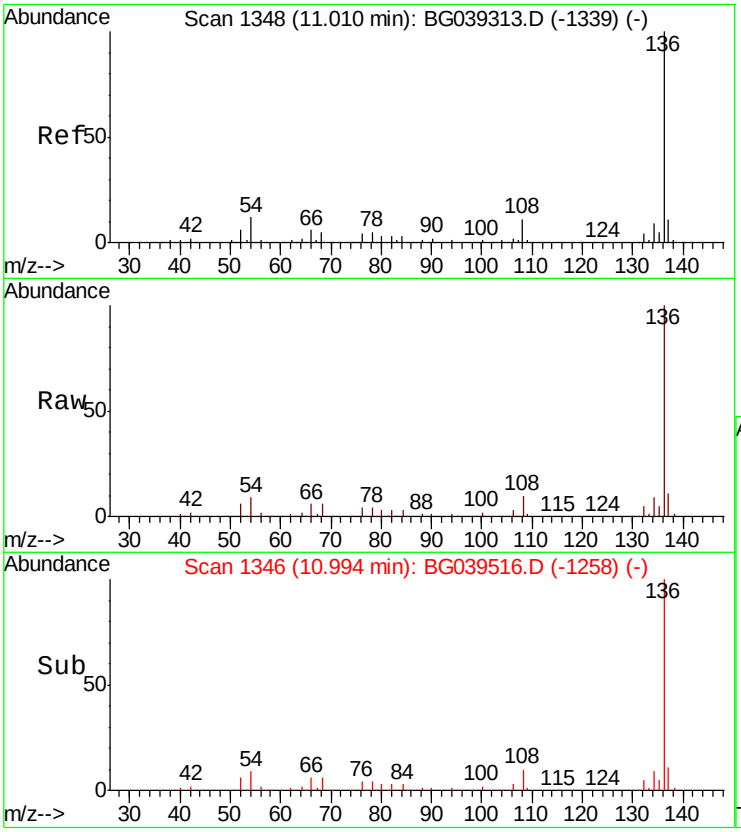


#19
n-Nitroso-di-n-propylamine
Concen: 18.998 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion: 70 Resp: 50297

Ion	Ratio	Lower	Upper
70	100		
42	54.2	60.4	90.6#
101	0.0	7.5	11.3#
130	2.6	16.9	25.3#



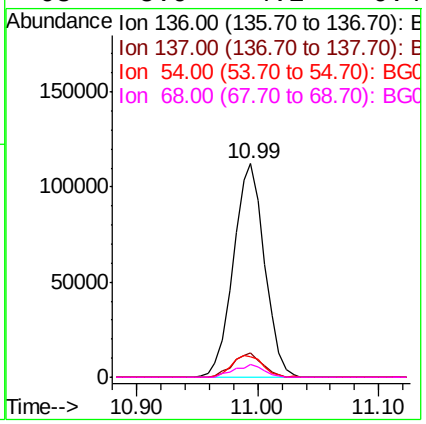


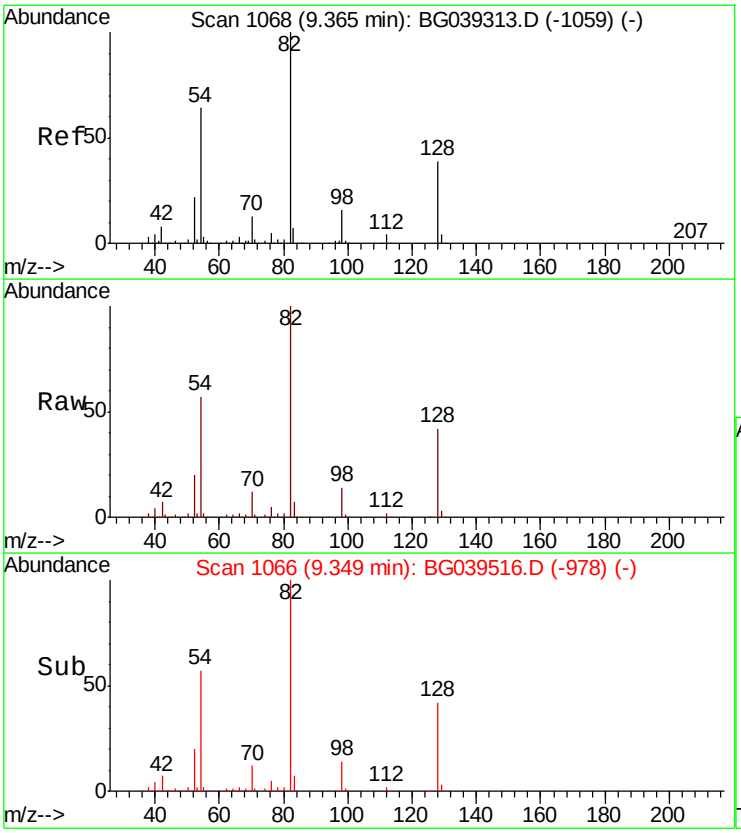
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:136 Resp: 201061

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	9.4	14.2
68	5.9	4.2	6.4

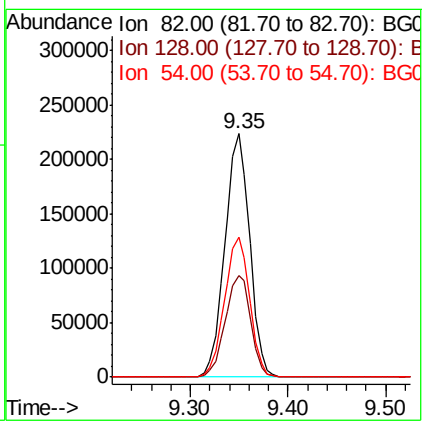


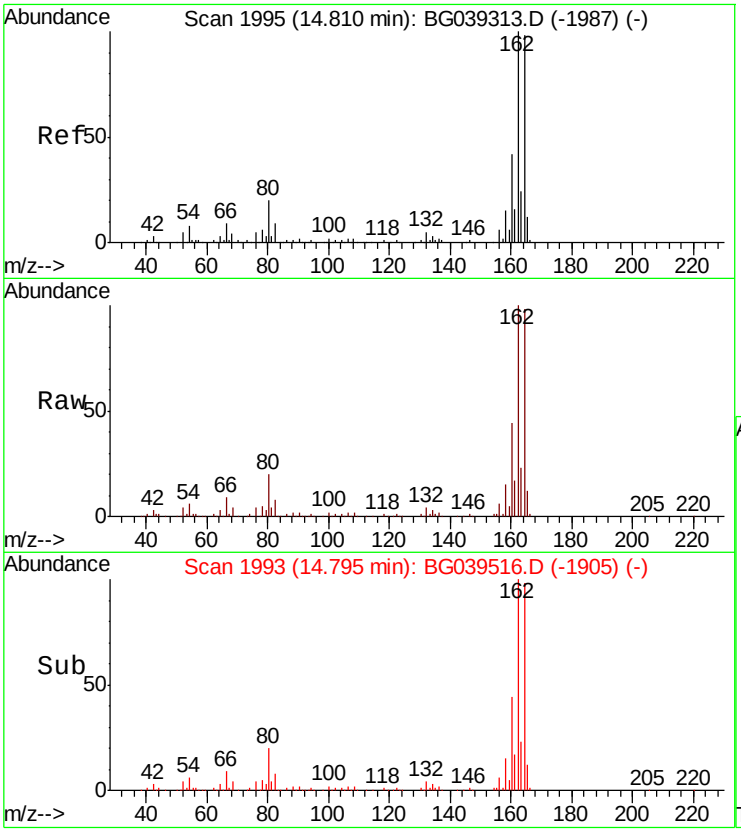


#23
Nitrobenzene-d5
Concen: 122.316 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion: 82 Resp: 393666

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	57.3	50.9	76.3



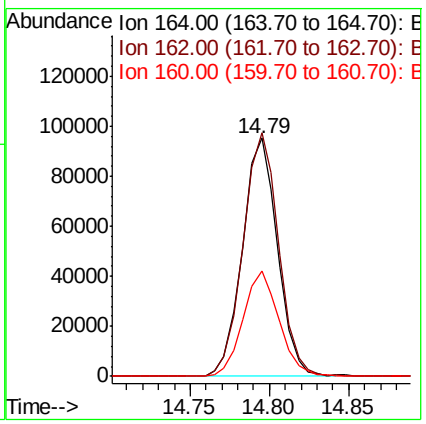


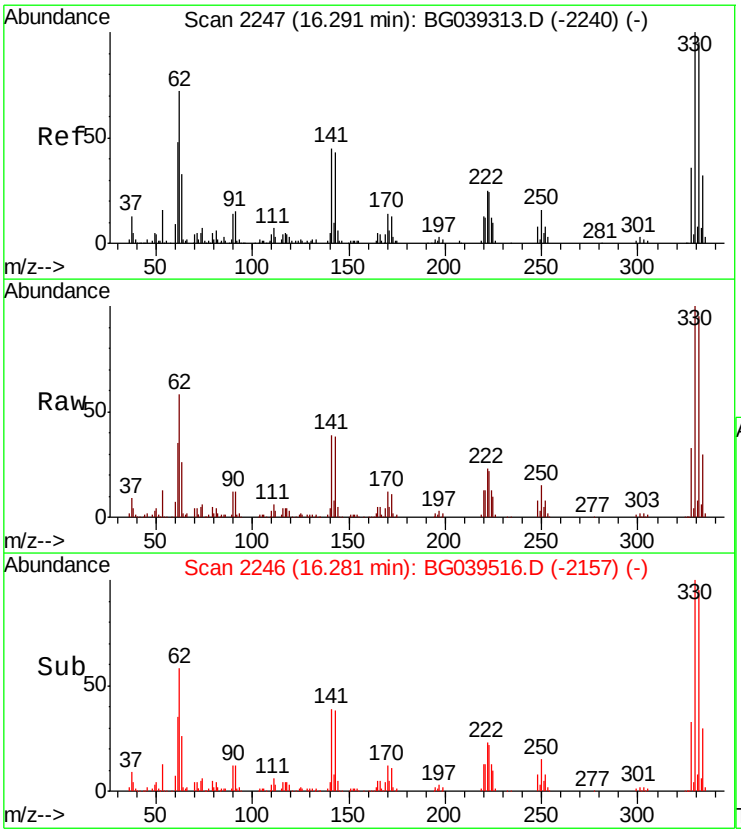
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:164 Resp: 146142

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	44.5	34.2	51.2

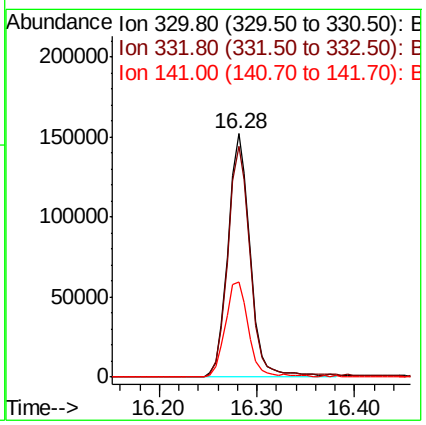


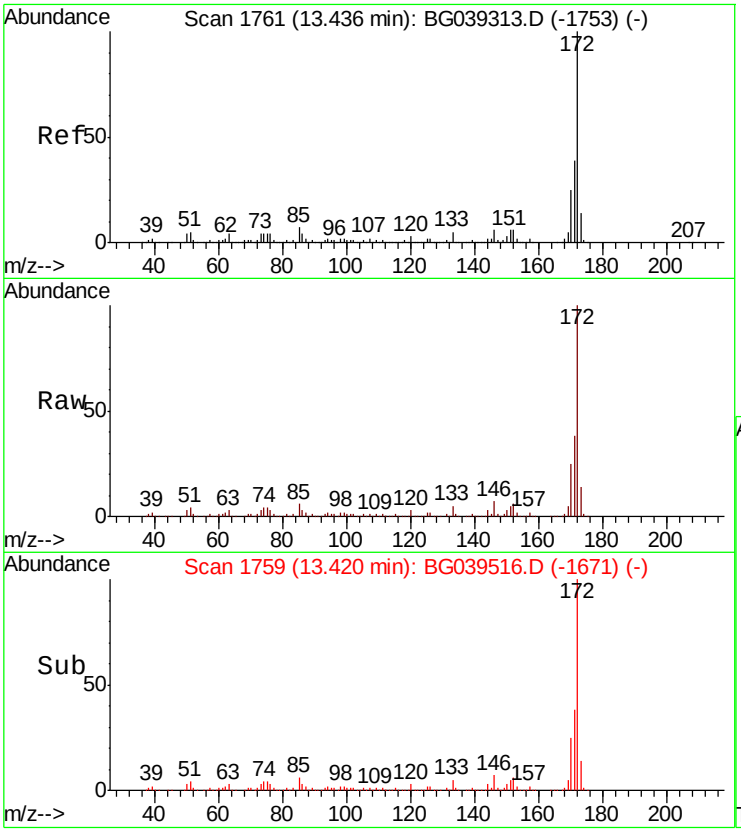


#42
2,4,6-Tribromophenol
Concen: 152.867 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:330 Resp: 240567

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	40.9	35.6	53.4



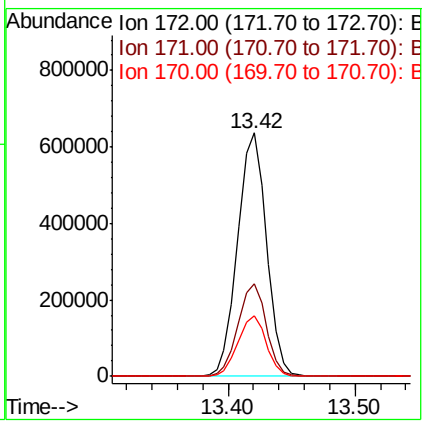


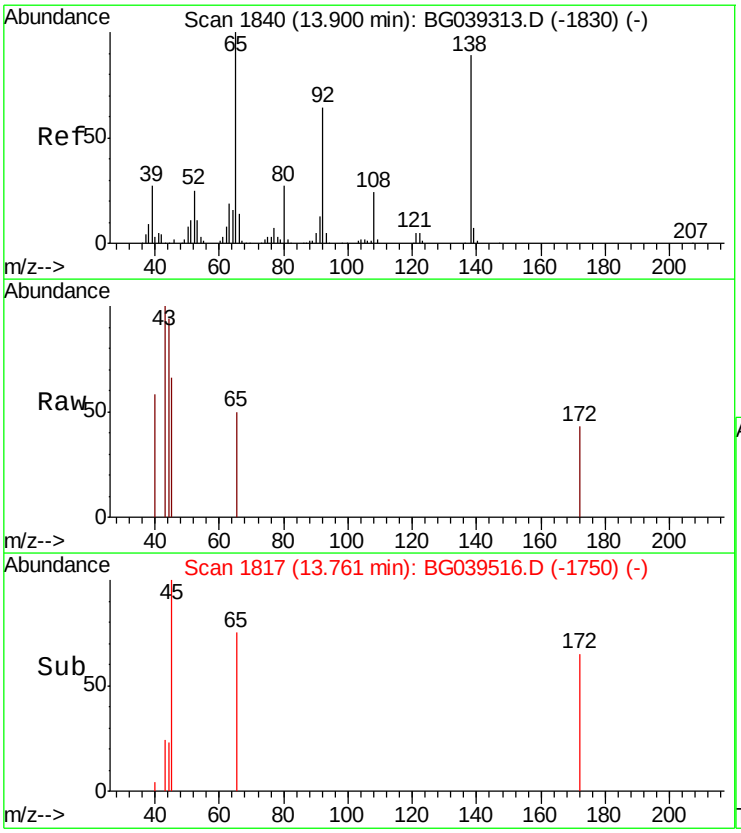
#45
2-Fluorobiphenyl
Concen: 98.700 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:172 Resp: 1005492

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.0	20.2	30.4

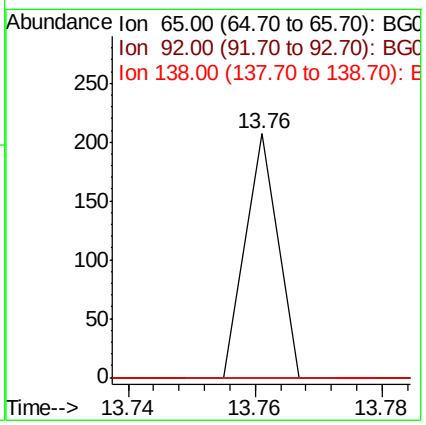


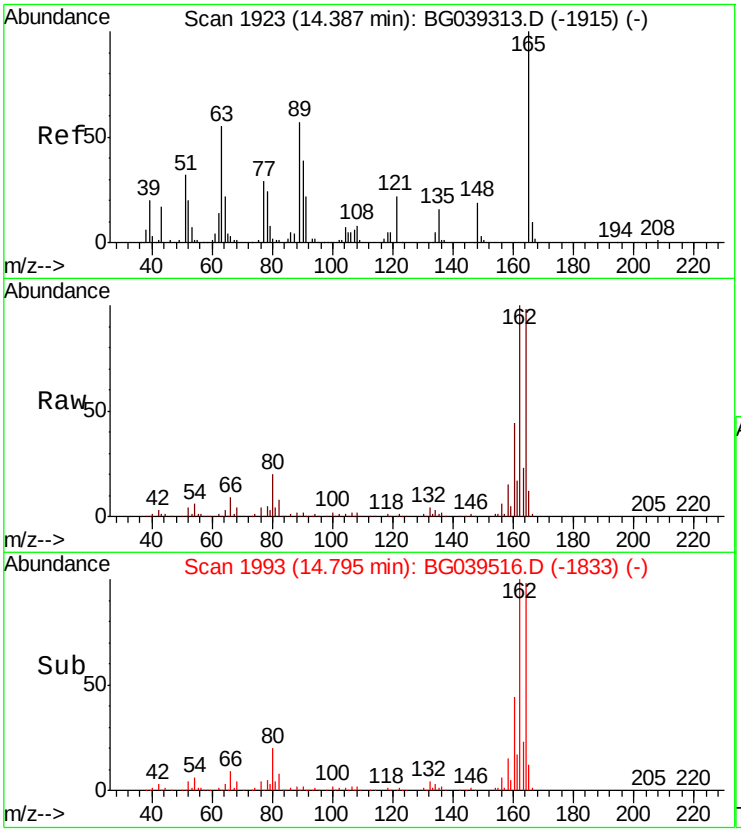


#48
2-Nitroaniline
Concen: 8.319 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.14 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion: 65 Resp: 73

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



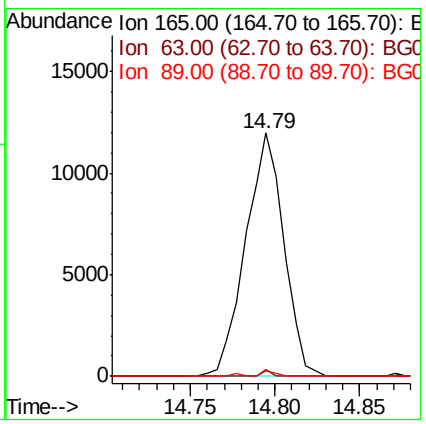


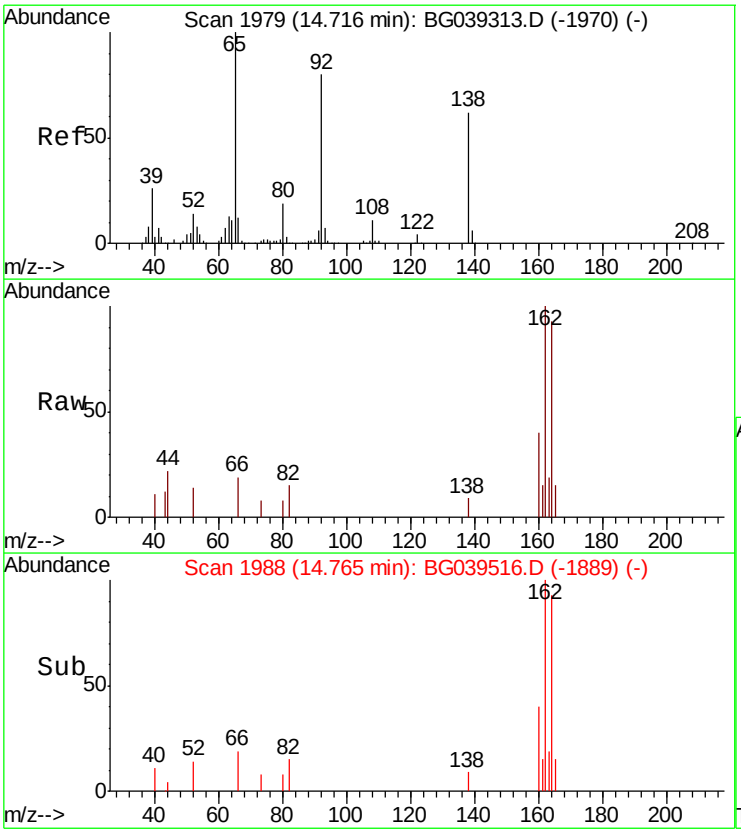
#51
2,6-Dinitrotoluene
Concen: 13.916 ng
RT: 14.79 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:165 Resp: 18798

Ion	Ratio	Lower	Upper
165	100		
63	2.9	47.0	70.6#
89	2.4	45.8	68.8#

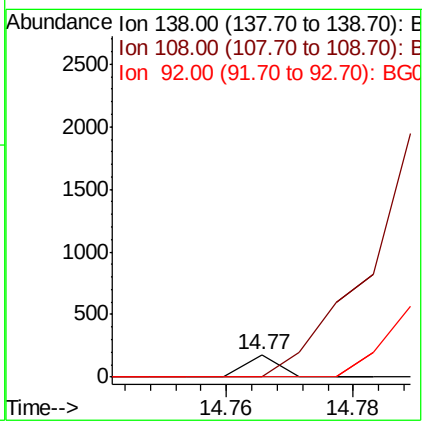


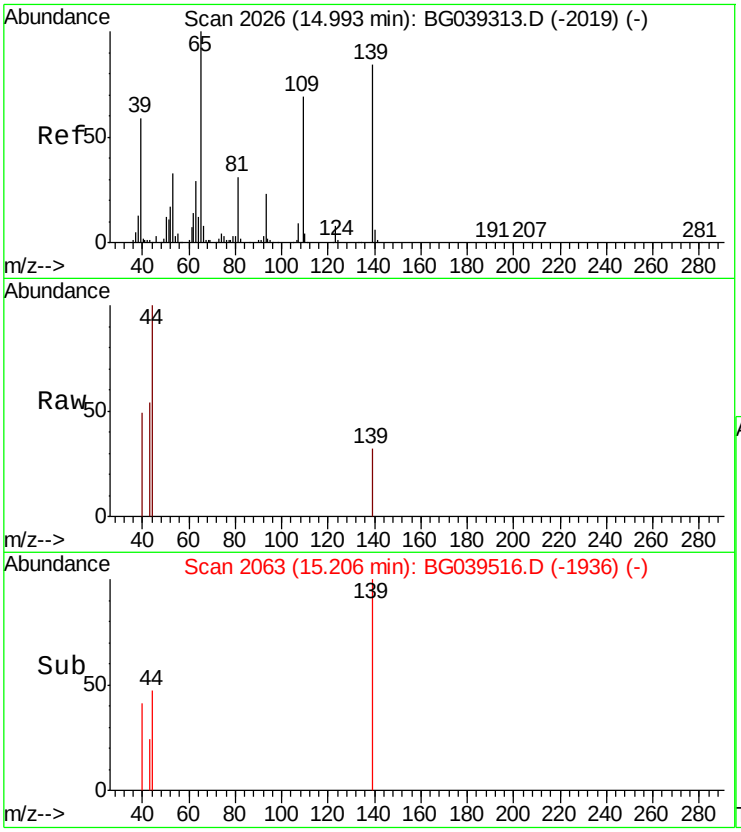


#53
3-Nitroaniline
Concen: 5.816 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.05 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:138 Resp: 64

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



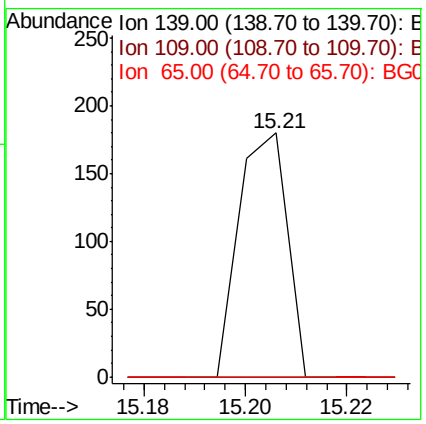


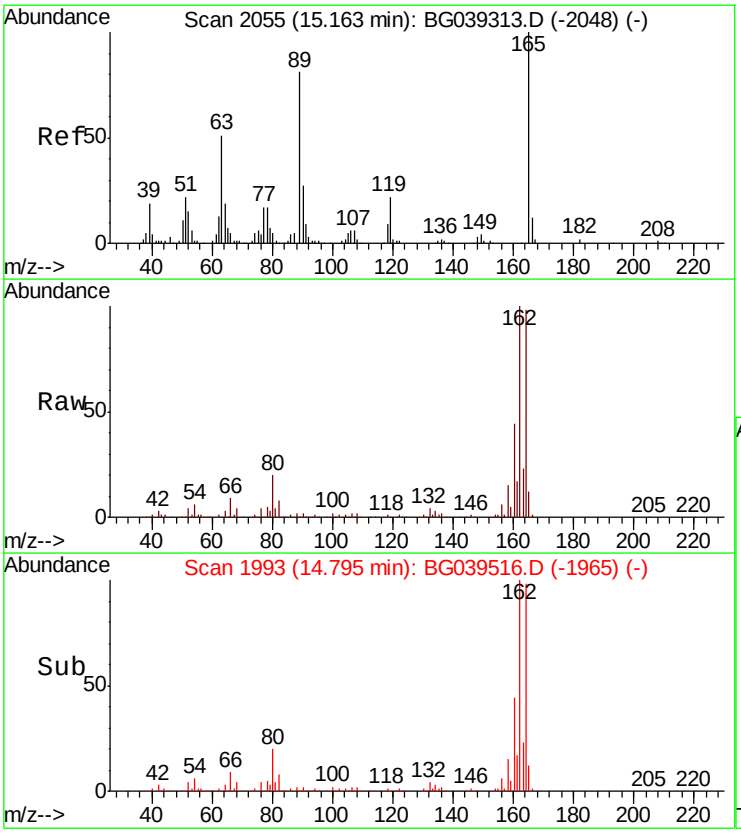
#56
4-Nitrophenol
Concen: 5.846 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.21 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:139 Resp: 120

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

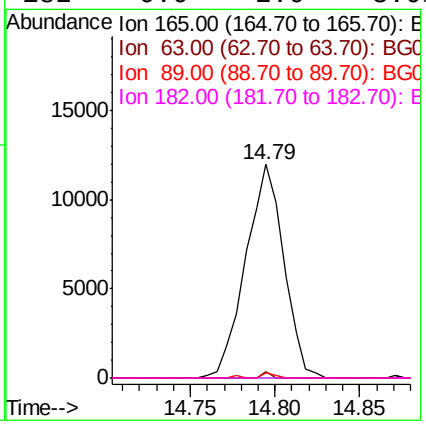


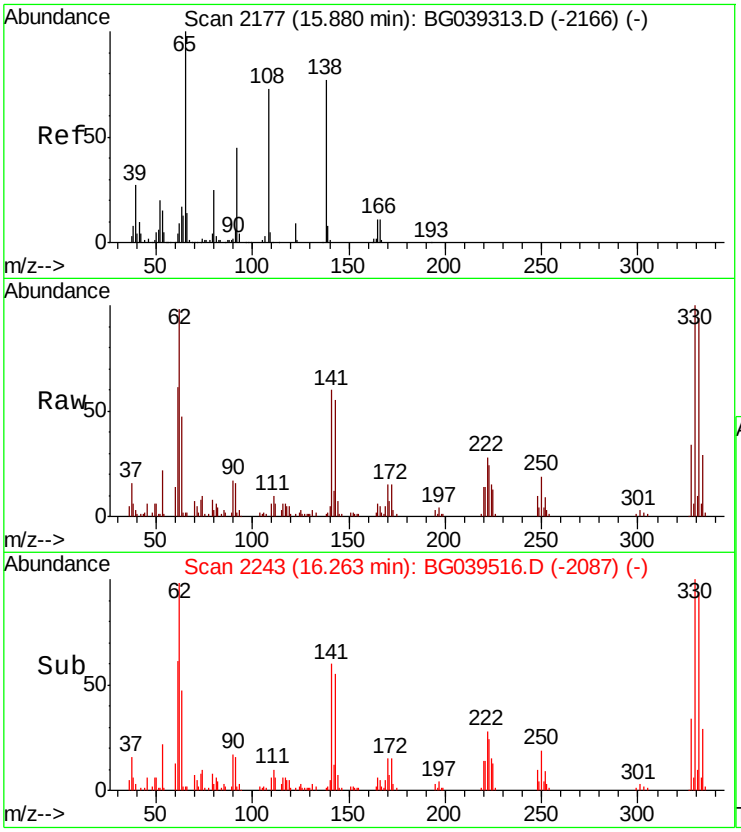


#57
2,4-Dinitrotoluene
Concen: 13.393 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:165 Resp: 18798

Ion	Ratio	Lower	Upper
165	100		
63	2.9	41.0	61.6#
89	2.4	64.6	96.8#
182	0.0	2.0	3.0#



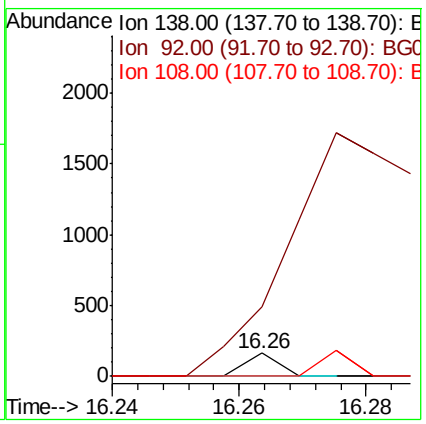


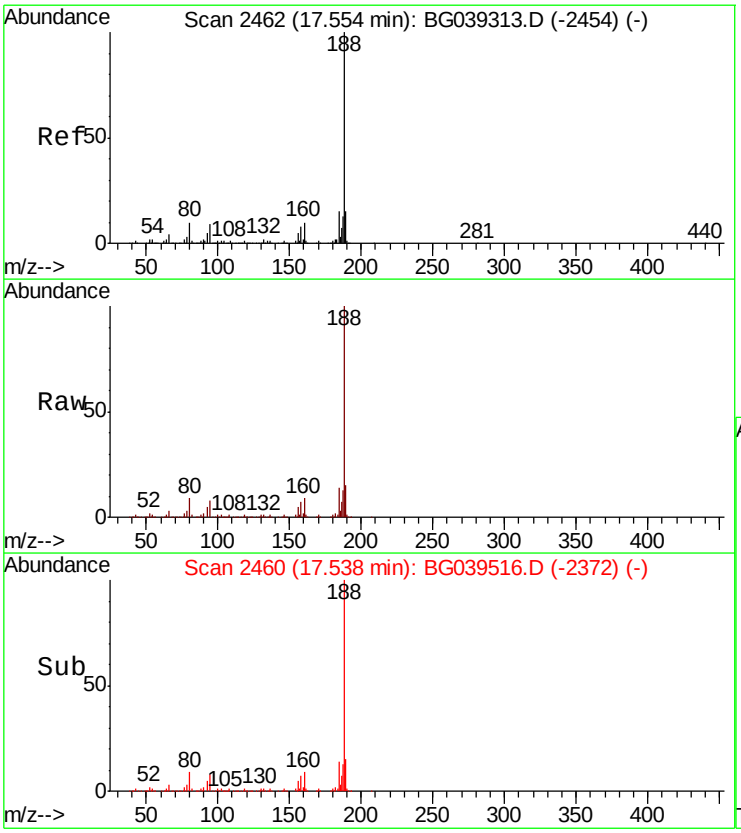
#62
4-Nitroaniline
Concen: 4.224 ng
RT: 16.26 min Scan# 2243
Delta R.T. 0.38 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	301.2	38.7	78.7#
108	0.0	74.6	114.6#

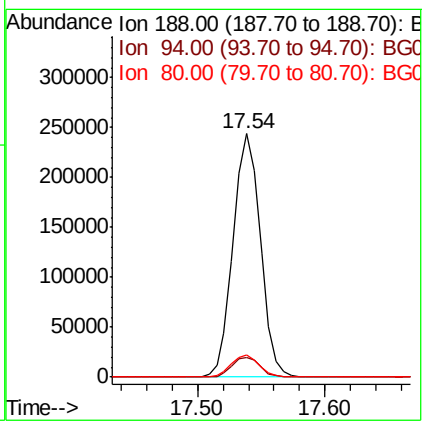


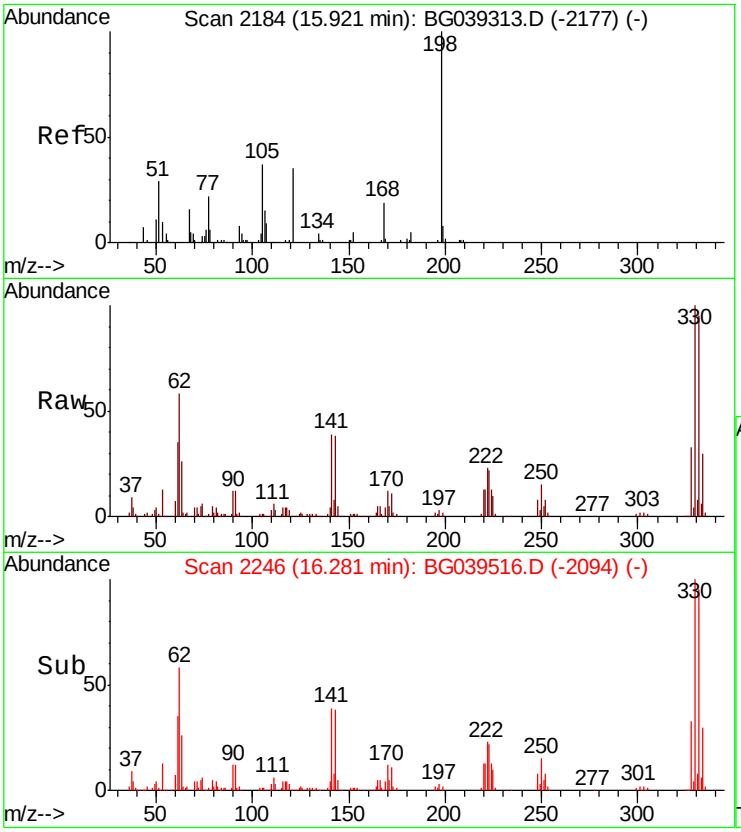


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:188 Resp: 363308

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.0	8.1	12.1



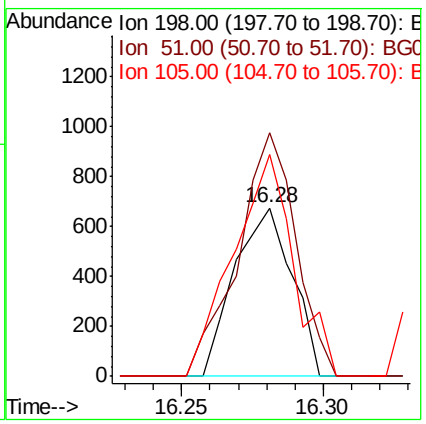


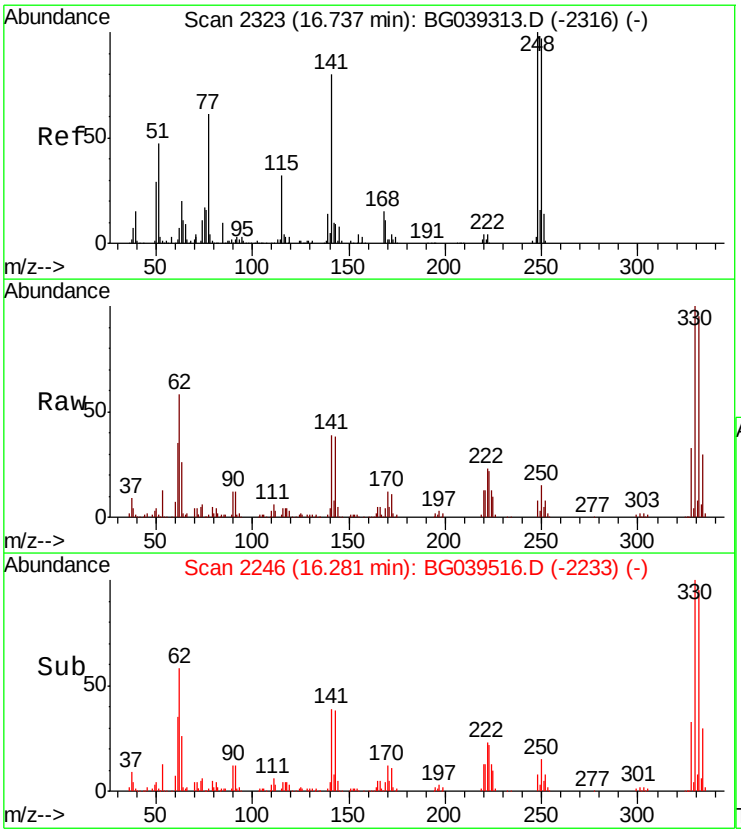
#65
4,6-Dinitro-2-methylphenol
Concen: 5.019 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:198 Resp: 957

Ion	Ratio	Lower	Upper
198	100		
51	144.4	27.4	67.4#
105	131.8	19.7	59.7#

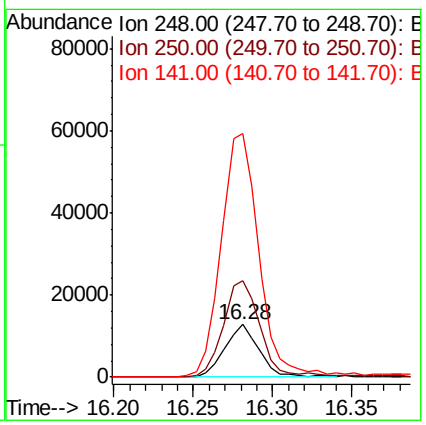


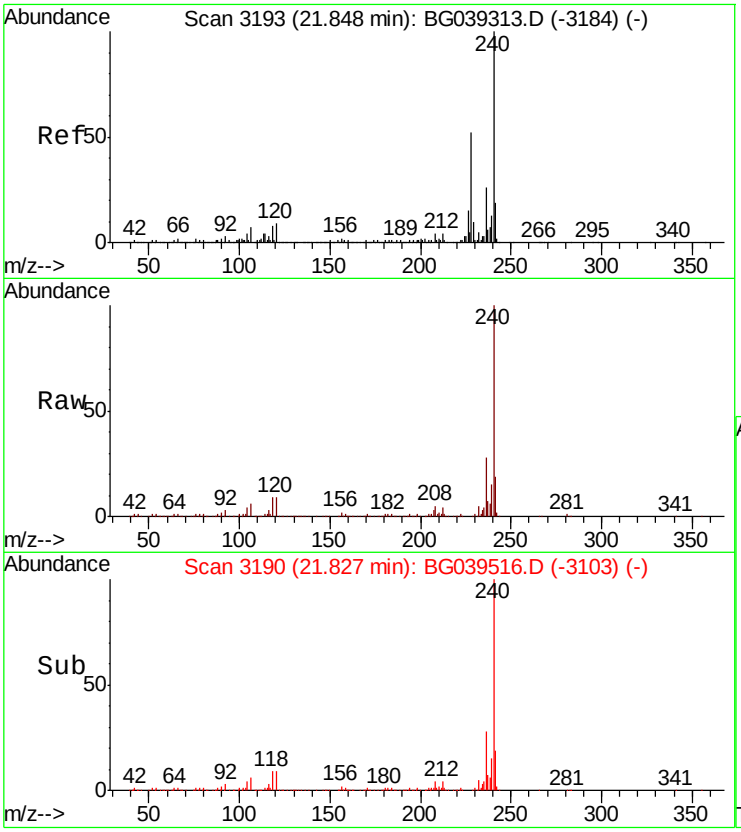


#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:248 Resp: 19136

Ion	Ratio	Lower	Upper
248	100		
250	184.3	77.6	116.4#
141	463.8	63.9	95.9#



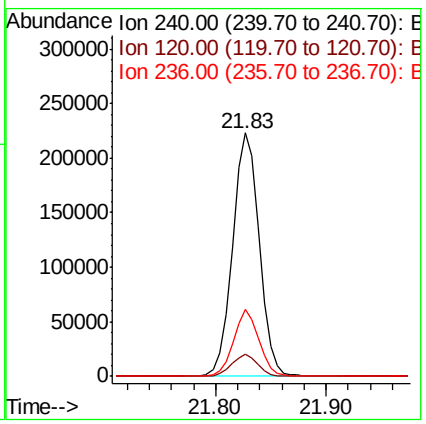


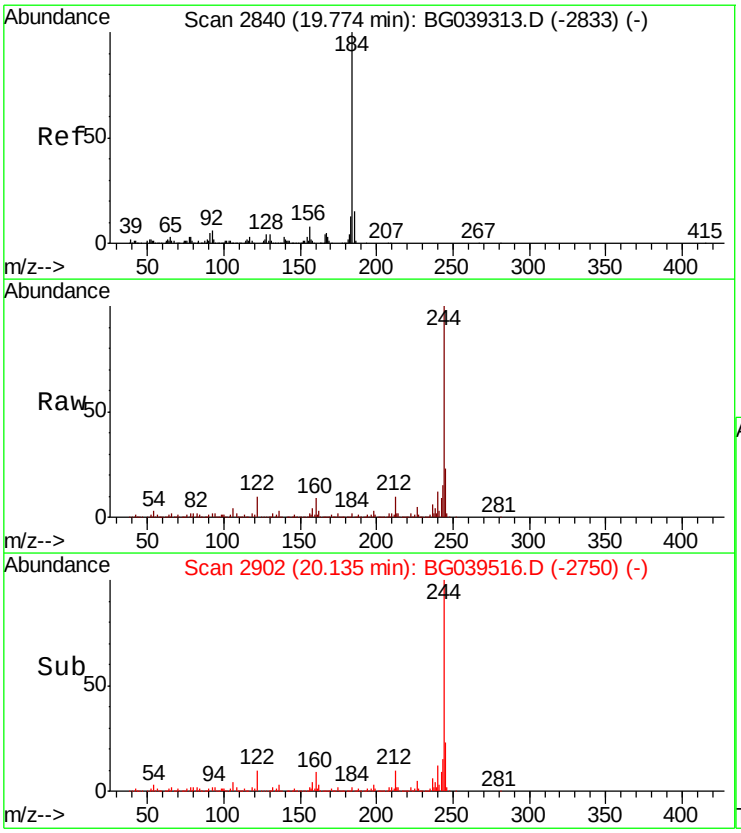
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:240 Resp: 377427

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	27.7	21.0	31.4

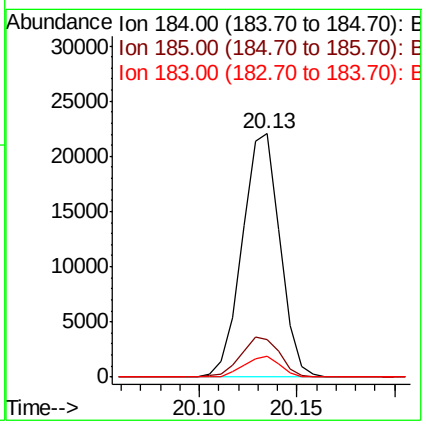


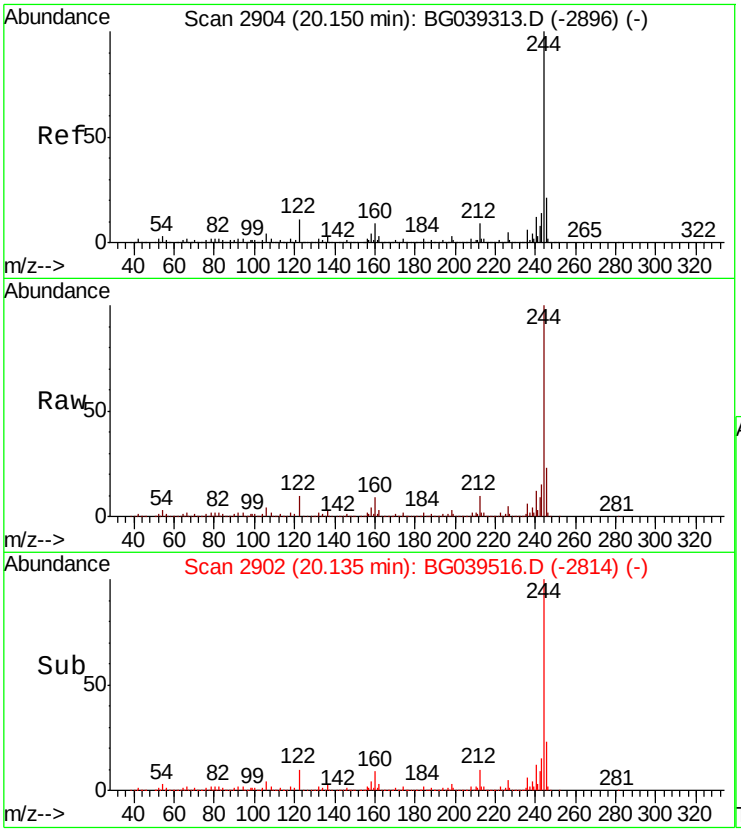


#77
Benzidine
Concen: 2.383 ng
RT: 20.13 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:184 Resp: 29483

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	8.5	10.6	15.8#



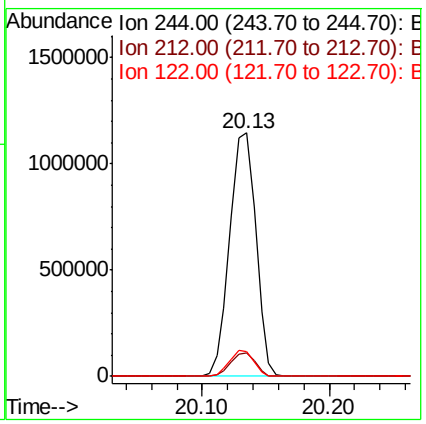


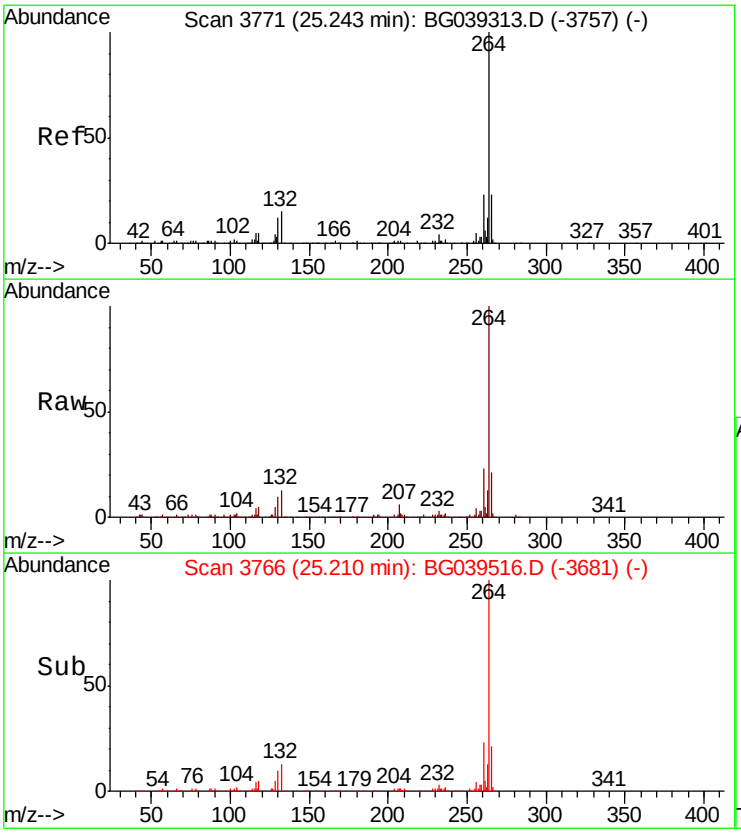
#79
Terphenyl-d14
Concen: 91.835 ng
RT: 20.13 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG039516.D
Acq: 14 Feb 2019 21:17

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-B

Tgt Ion:244 Resp: 1637512

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.2	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: BG039516.D
Acq: 14 Feb 2019 21:17

Tgt Ion:264 Resp: 374135

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.2	18.5	27.7