Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
Data File : BG039485.D
Acq On : 13 Feb 2019 5:10
Operator : JU/SJ
Sample : K1458-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-6

Quant Time: Feb 13 06:58:44 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	46551	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	215229	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	153975	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	359384	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	355690	20.00	ng	-0.02
87) Perylene-d12	25.21	264	346734	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	443446	163.04	ng	0.00
7) Phenol-d6	7.31	99	602837	150.57	ng	0.00
23) Nitrobenzene-d5	9.35	82	430411	124.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	255087	153.85	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1041573	97.04	ng	-0.02
79) Terphenyl-d14	20.13	244	1565298	93.15	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1290	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	56430	19.859	ng	# 71
32) Benzoic acid	10.32	122	67	9.048	ng	# 1
48) 2-Nitroaniline	13.65	65	72	8.318	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	19237	13.705	ng	# 22
56) 4-Nitrophenol	15.18	139	230	5.889	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	19237	13.233	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.28	198	807	4.895	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	20237	5.076	ng	# 1
77) Benzidine	20.13	184	29008	2.488	ng	# 89

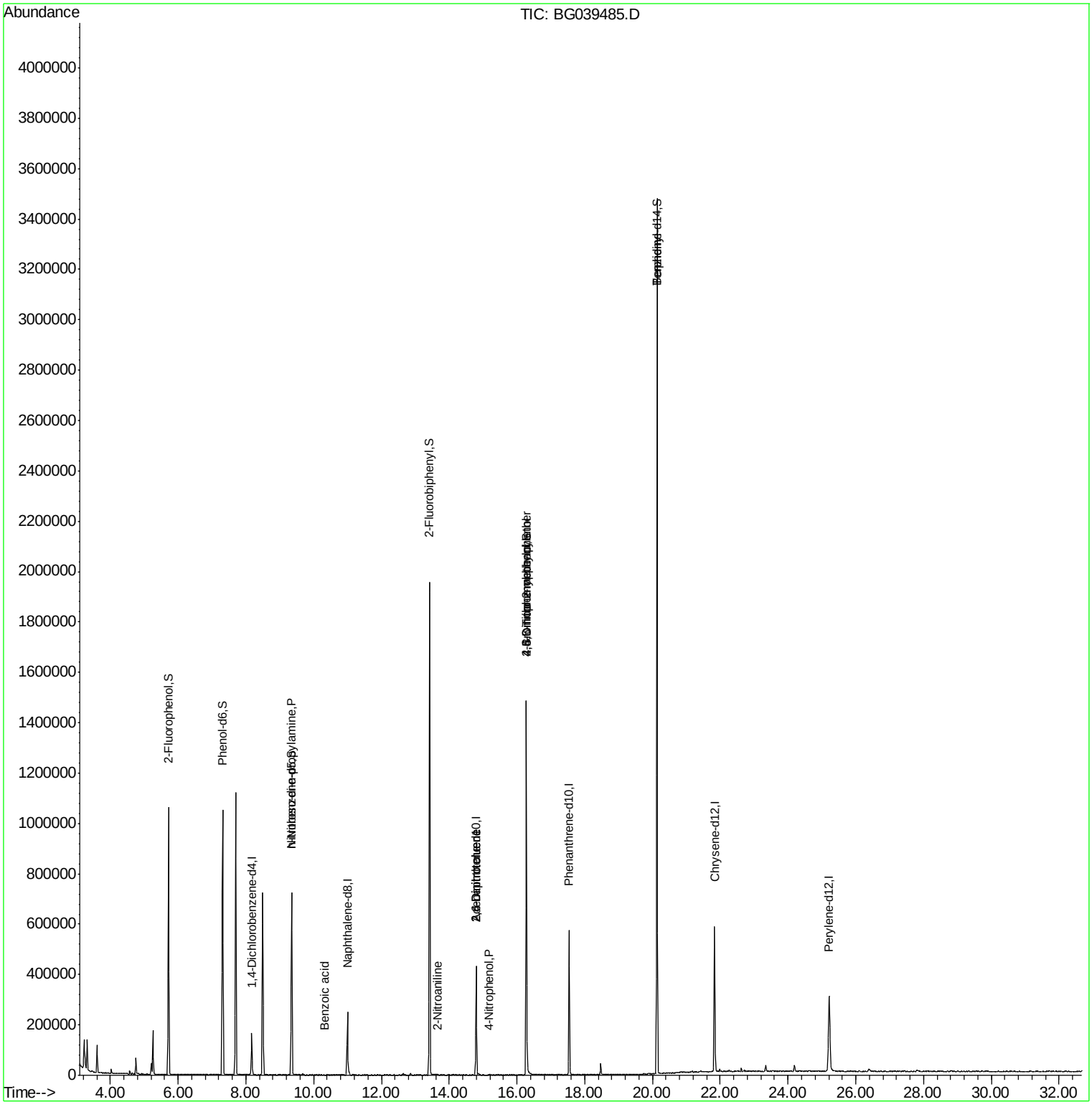
(#) = qualifier out of range (m) = manual integration (+) = signals summed

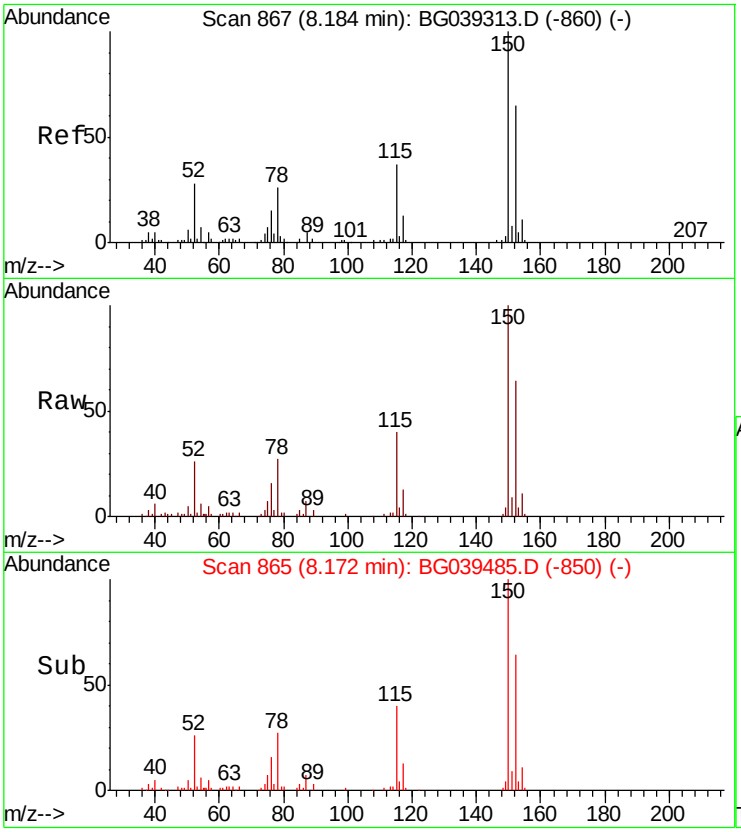
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
Data File : BG039485.D
Acq On : 13 Feb 2019 5:10
Operator : JU/SJ
Sample : K1458-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-6

Quant Time: Feb 13 06:58:44 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



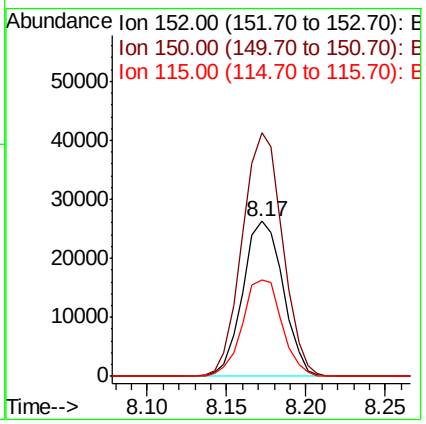


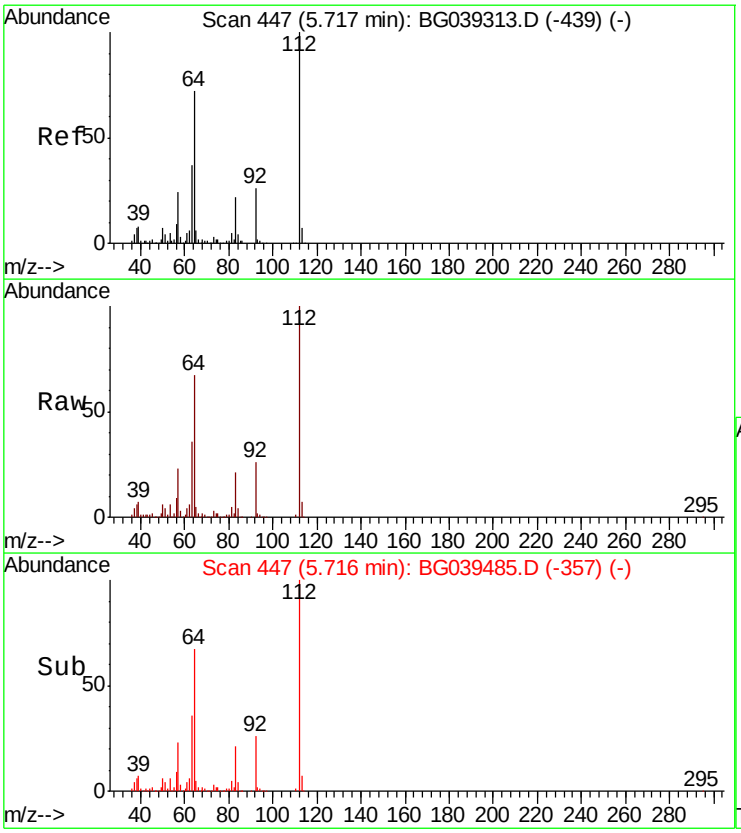
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:152 Resp: 46551

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.7	185.5
115	62.4	45.9	68.9

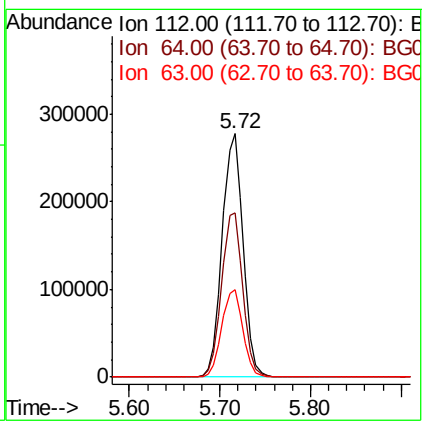


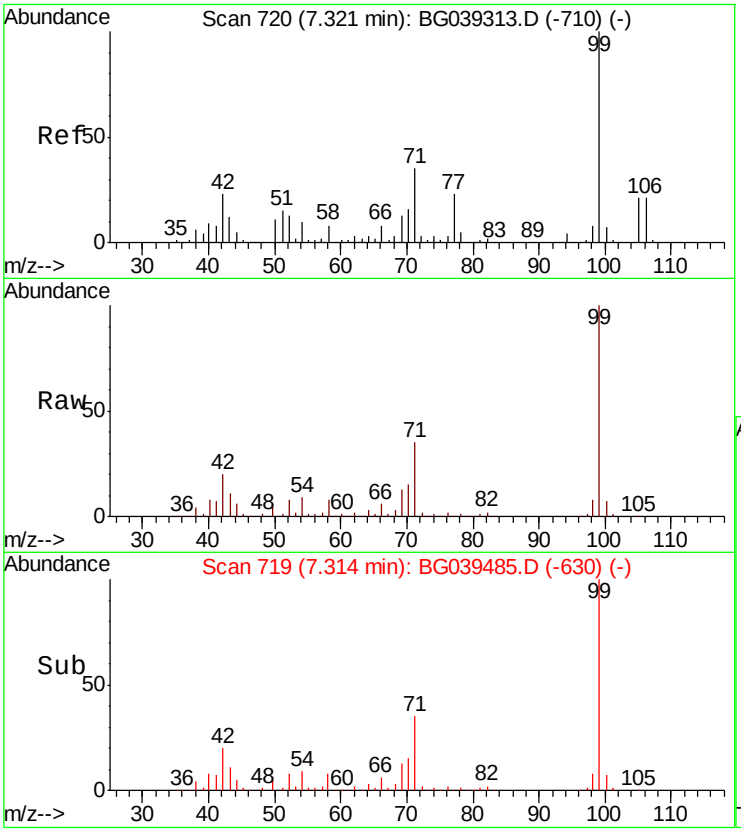


#5
2-Fluorophenol
Concen: 163.039 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:112 Resp: 443446

Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	35.8	29.8	44.6



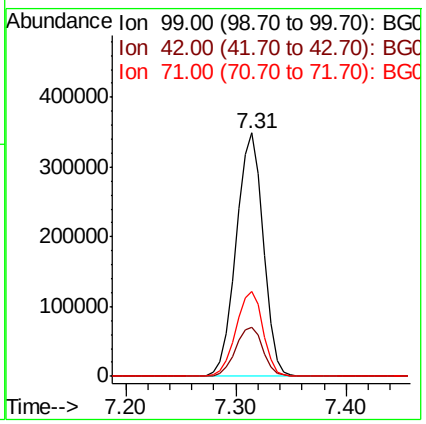


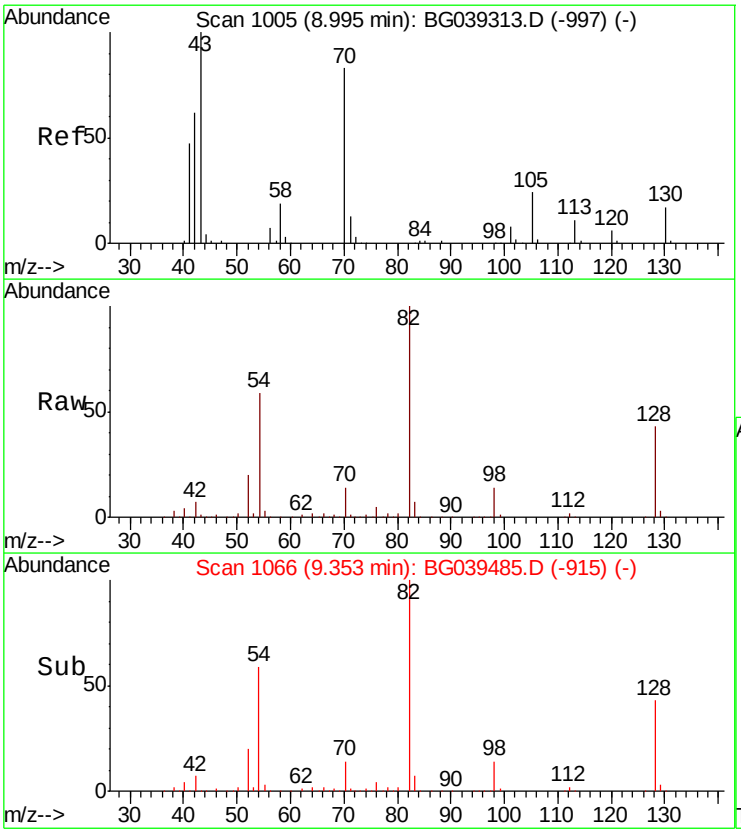
#7
Phenol-d6
Concen: 150.574 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion: 99 Resp: 602837

Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.2	27.2
71	34.9	28.0	42.0

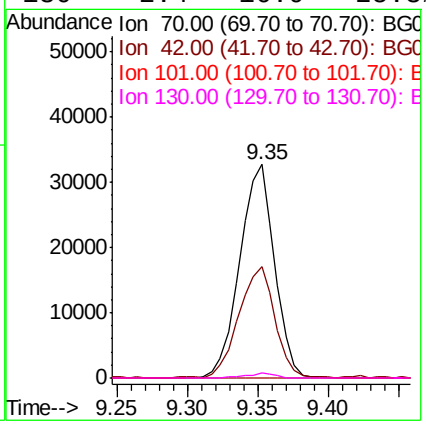


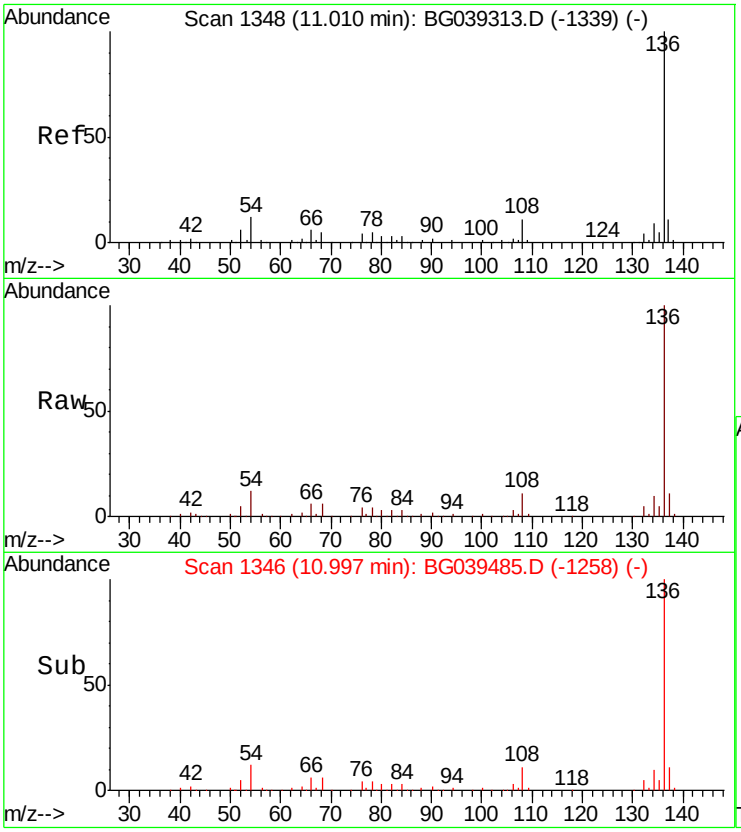


#19
n-Nitroso-di-n-propylamine
Concen: 19.859 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion: 70 Resp: 56430

Ion	Ratio	Lower	Upper
70	100		
42	52.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#



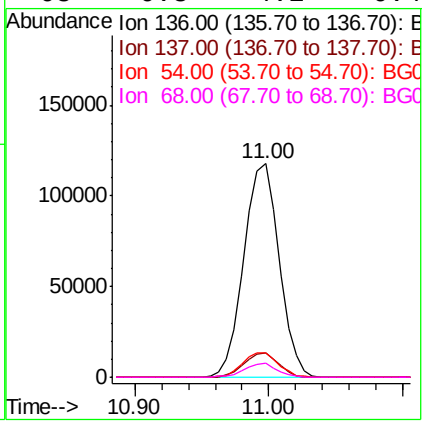


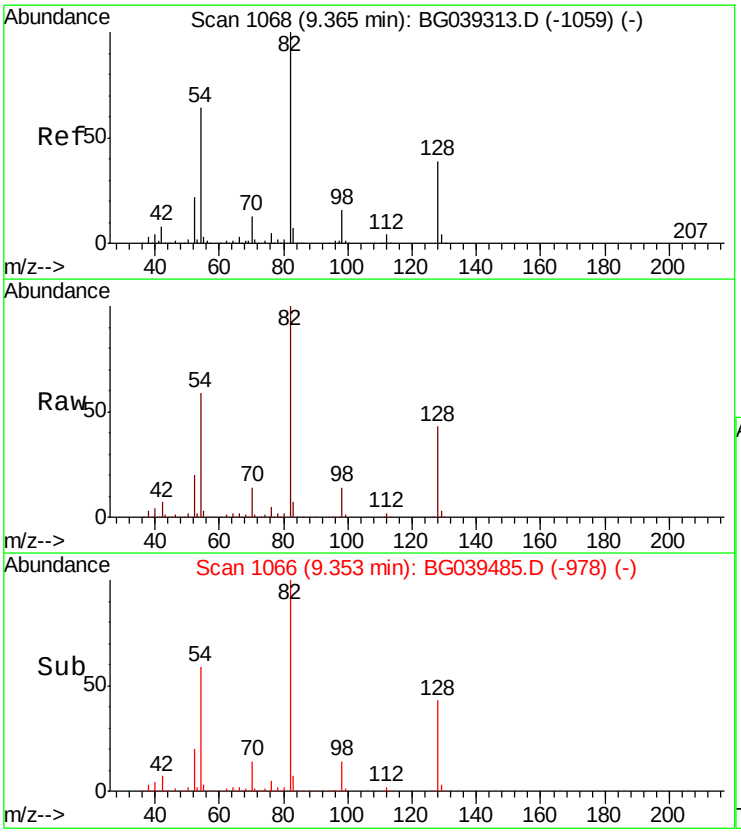
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:136 Resp: 215229

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.5	9.4	14.2
68	6.3	4.2	6.4

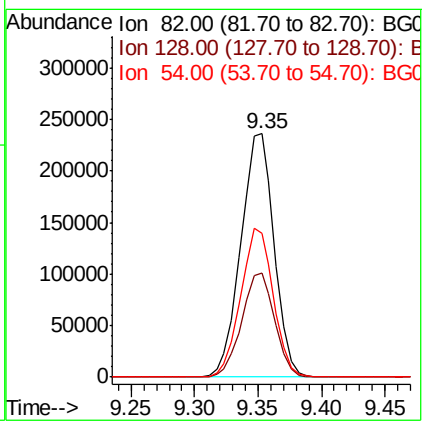


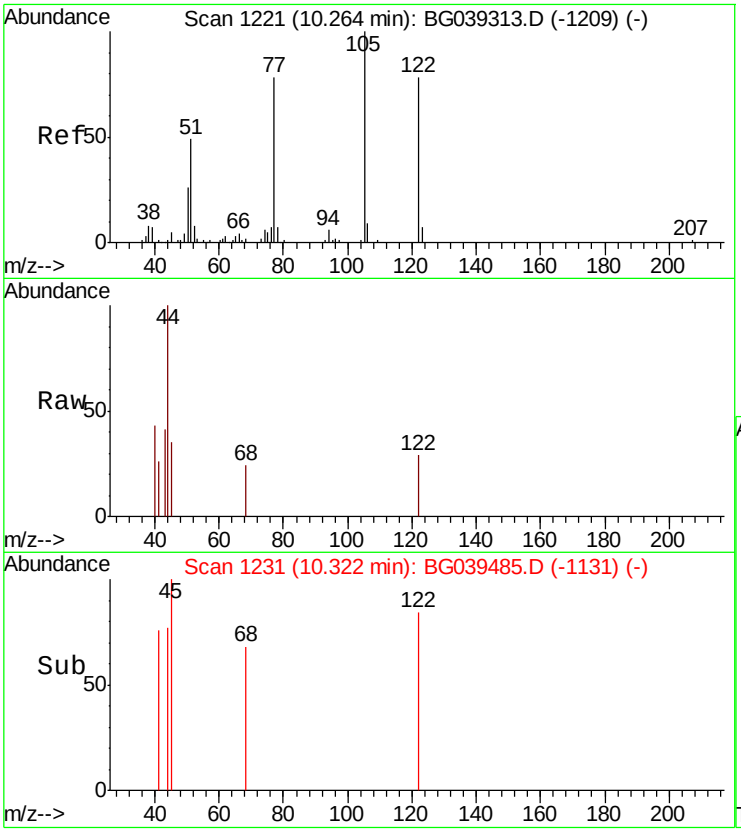


#23
Nitrobenzene-d5
Concen: 124.930 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion: 82 Resp: 430411

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.0	50.9	76.3



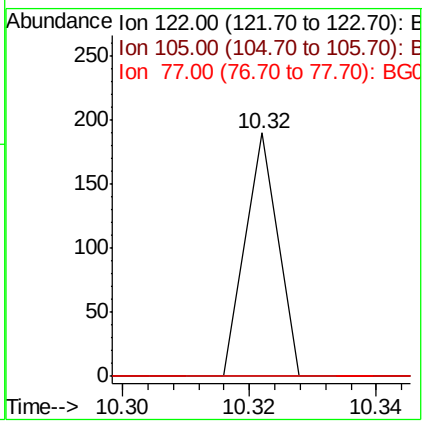


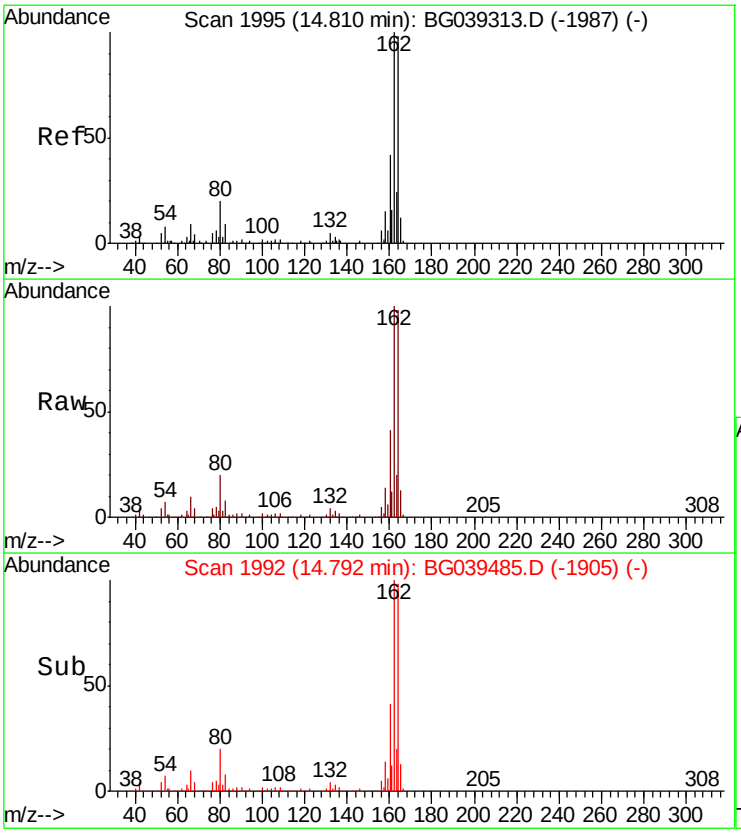
#32
Benzoic acid
Concen: 9.048 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.06 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:122 Resp: 67

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

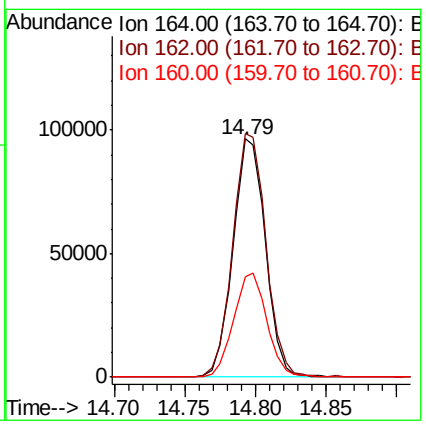


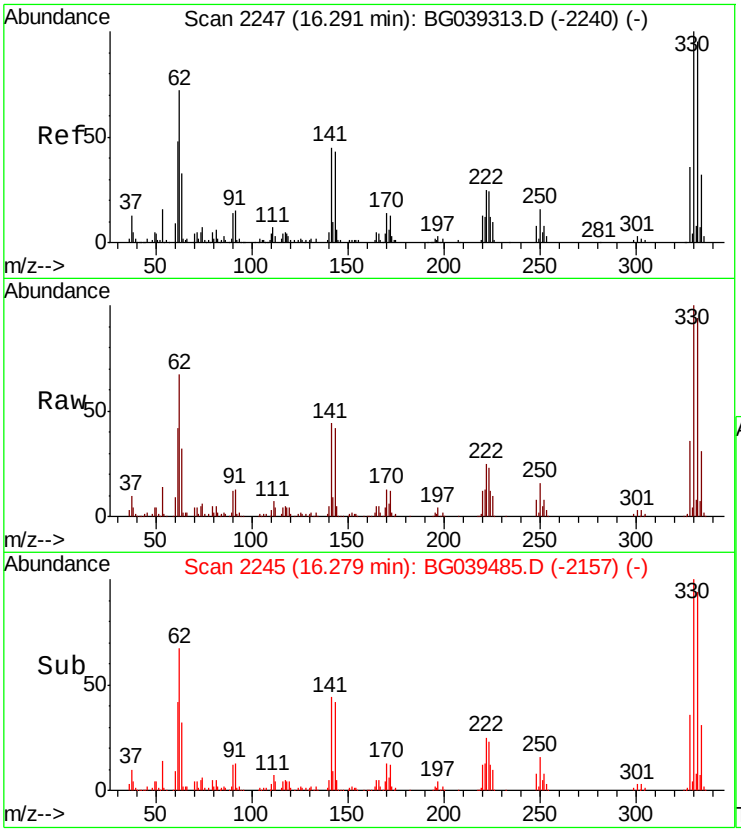


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:164 Resp: 153975

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.6	122.4
160	42.3	34.2	51.2



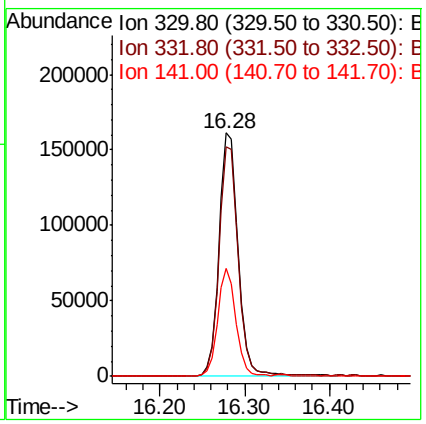


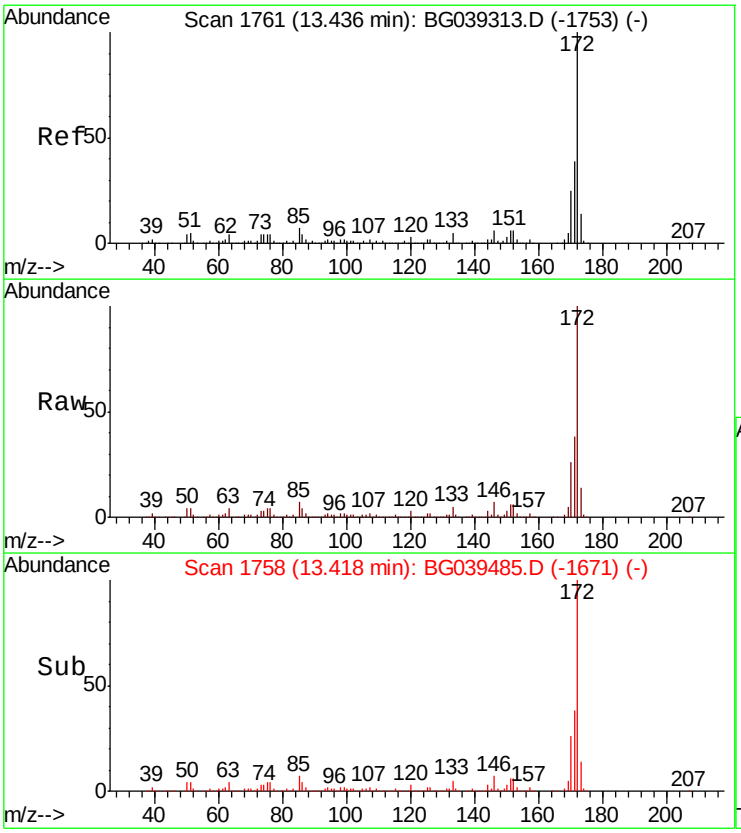
#42
2,4,6-Tribromophenol
Concen: 153.848 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:330 Resp: 255087

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	42.9	35.6	53.4

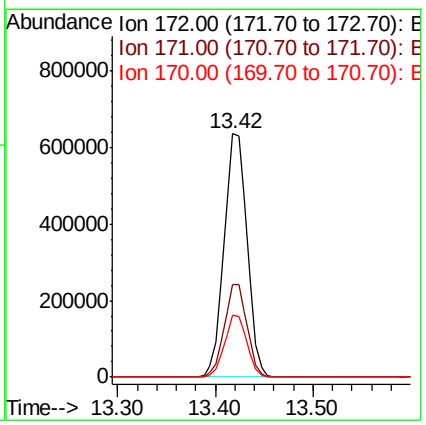


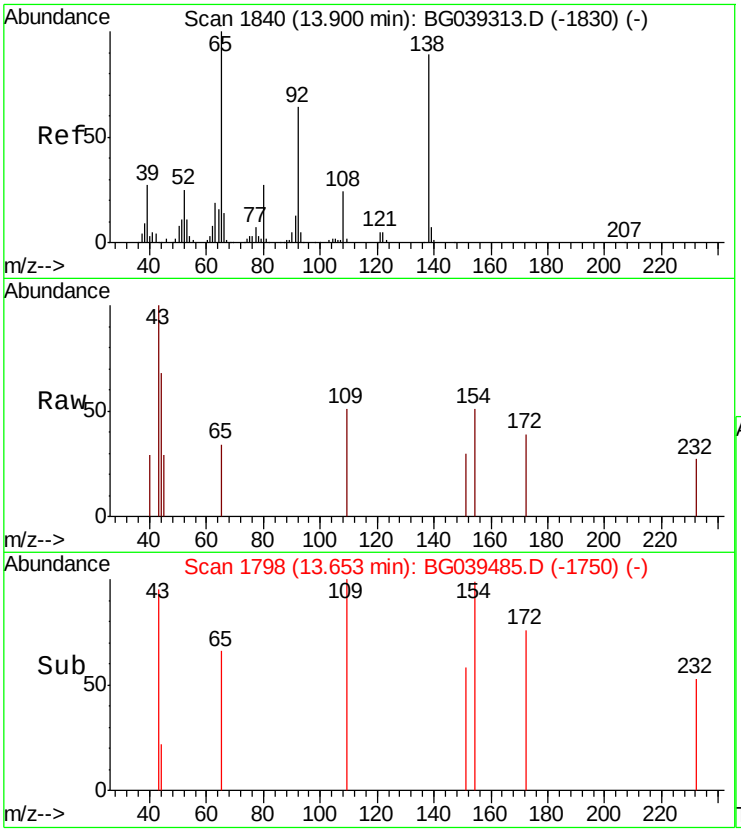


#45
2-Fluorobiphenyl
Concen: 97.041 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:172 Resp: 1041573

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.6	20.2	30.4



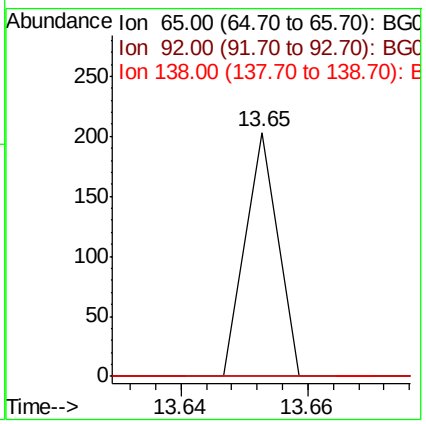


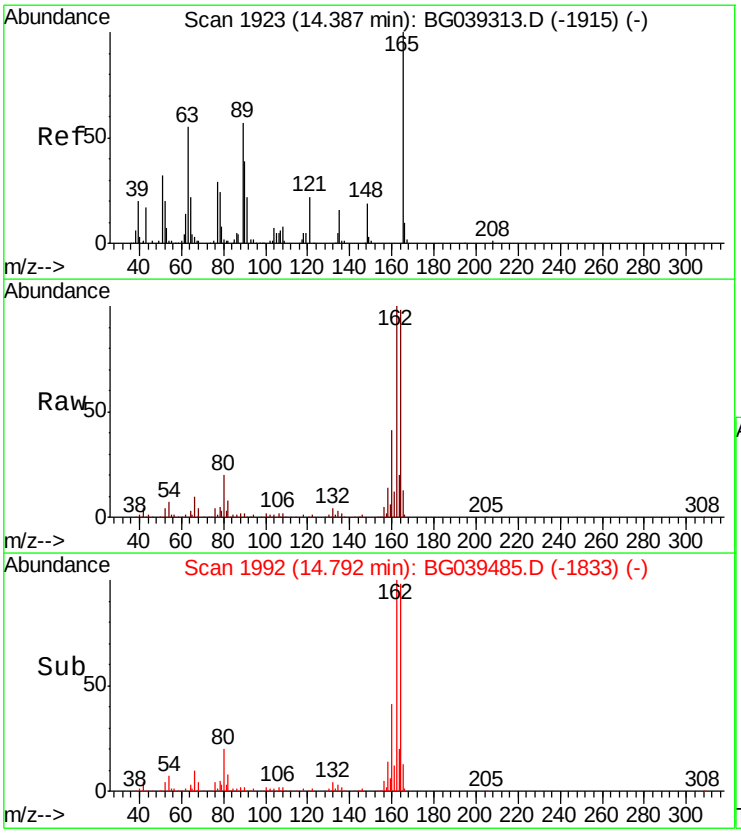
#48
2-Nitroaniline
Concen: 8.318 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.25 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion: 65 Resp: 72

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

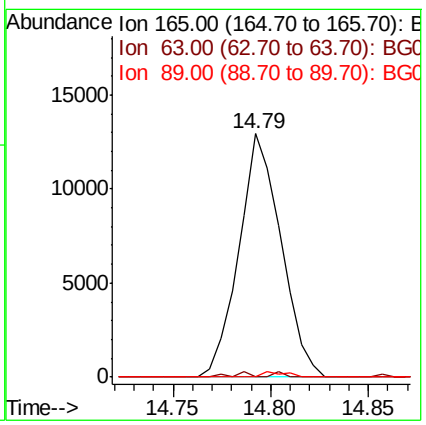


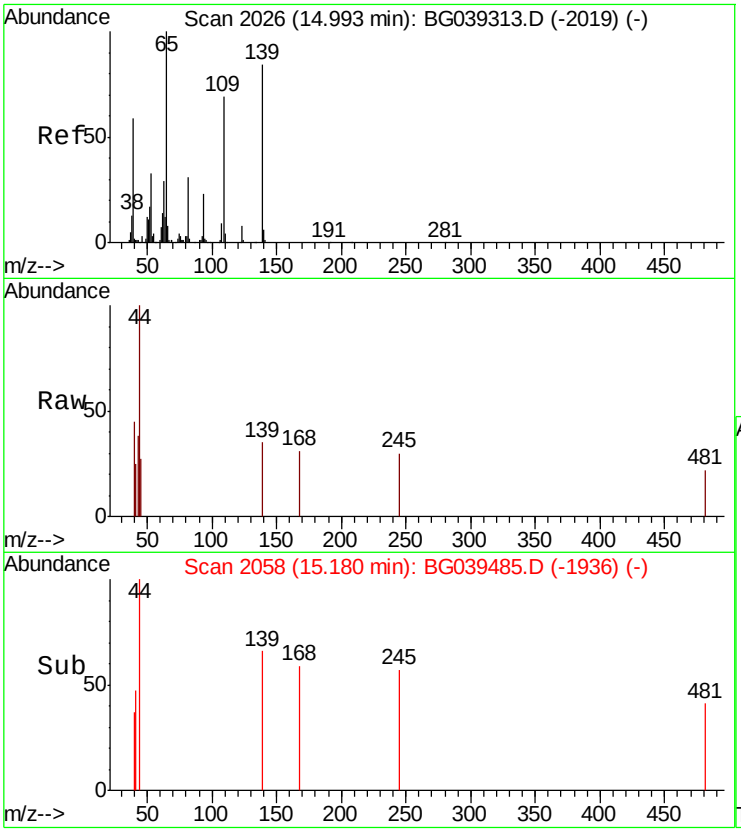


#51
2,6-Dinitrotoluene
Concen: 13.705 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.41 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:165 Resp: 19237

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



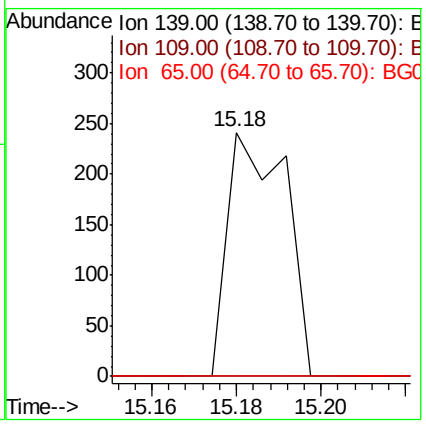


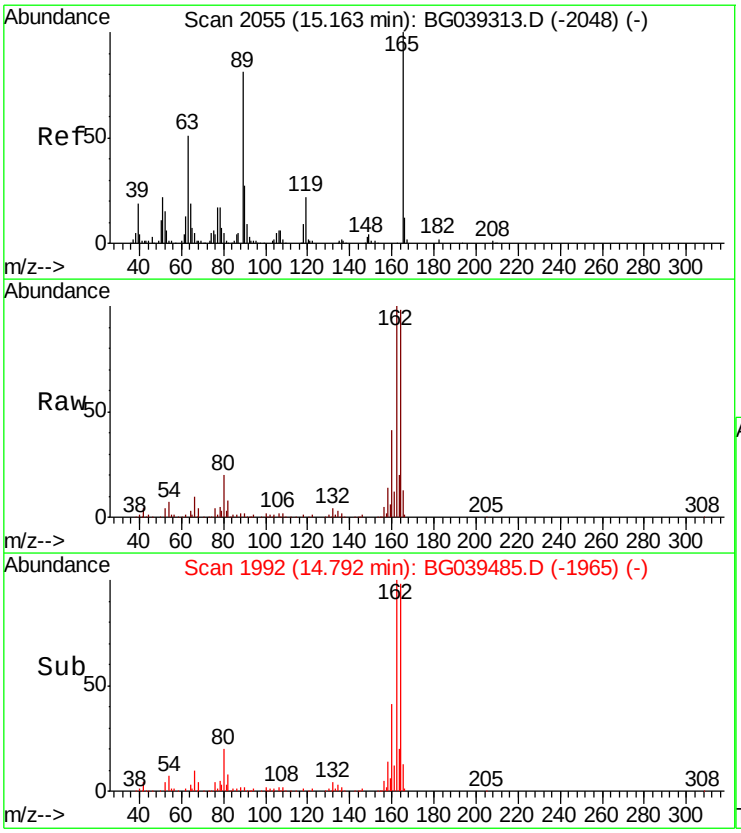
#56
4-Nitrophenol
Concen: 5.889 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.19 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:139 Resp: 230

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

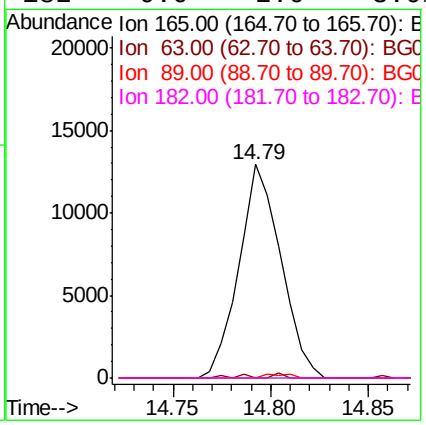


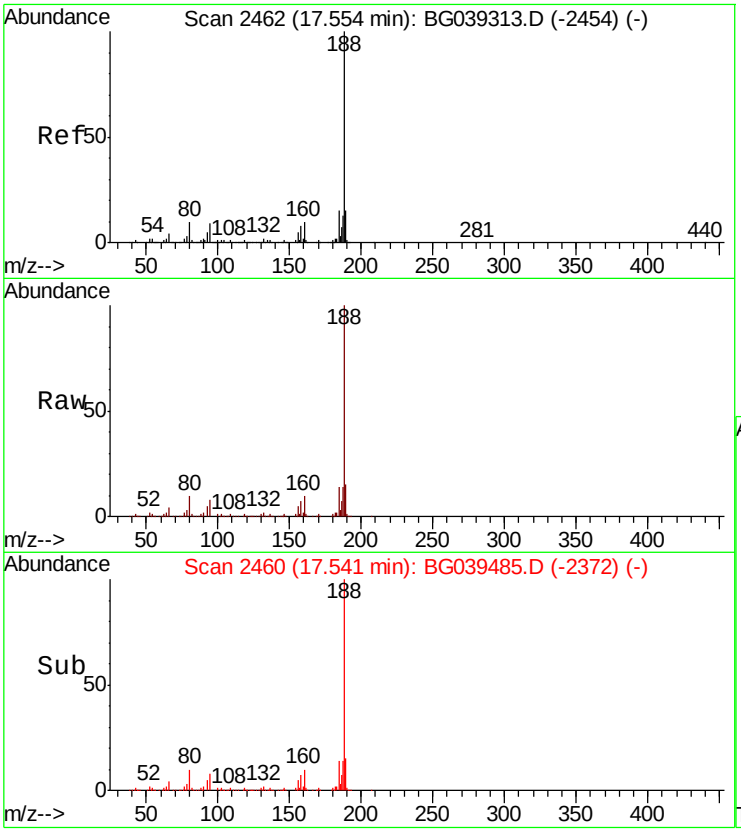


#57
2,4-Dinitrotoluene
Concen: 13.233 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:165 Resp: 19237

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



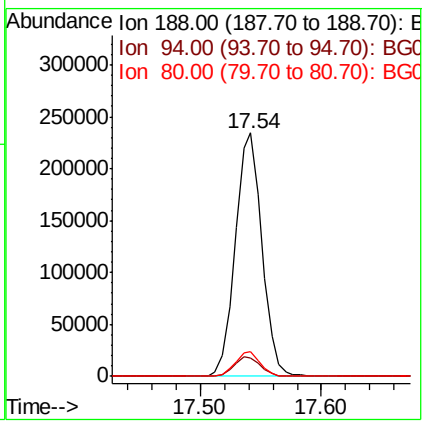


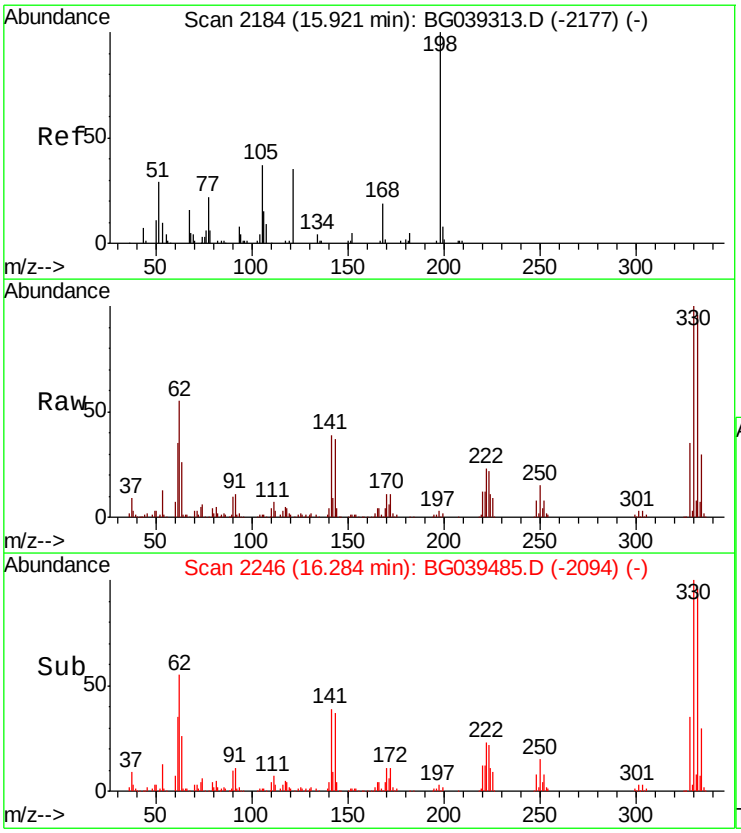
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:188 Resp: 359384

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.9	8.1	12.1

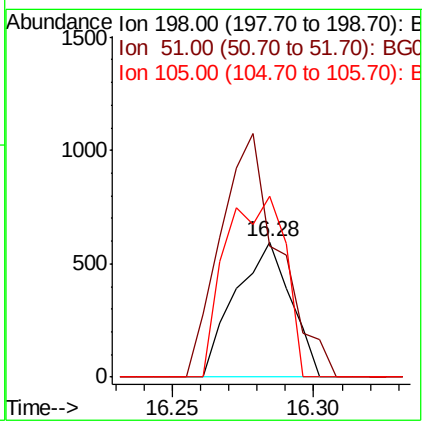


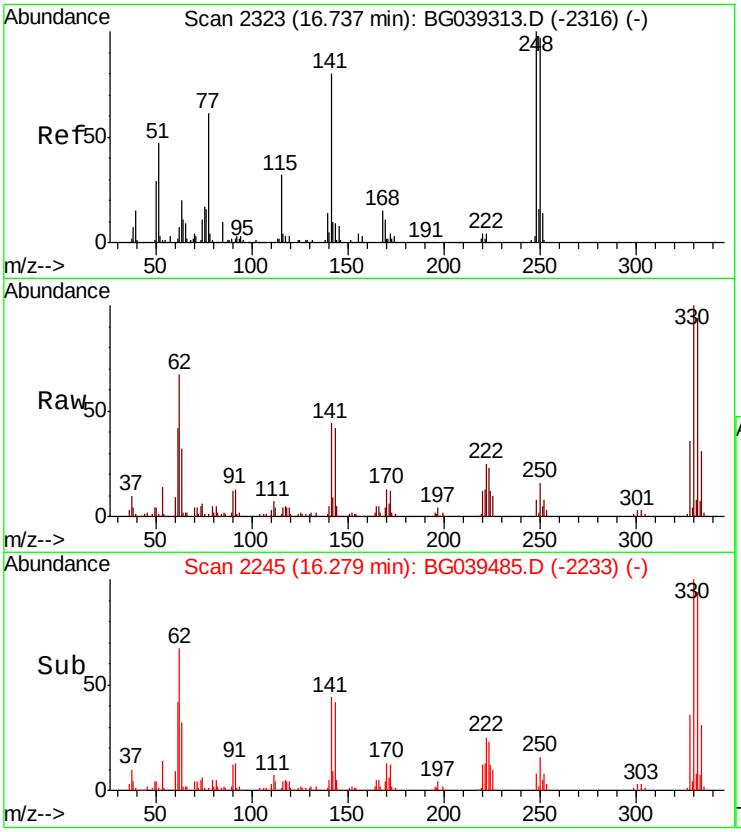


#65
4,6-Dinitro-2-methylphenol
Concen: 4.895 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:198 Resp: 807

Ion	Ratio	Lower	Upper
198	100		
51	97.2	27.4	67.4#
105	133.3	19.7	59.7#



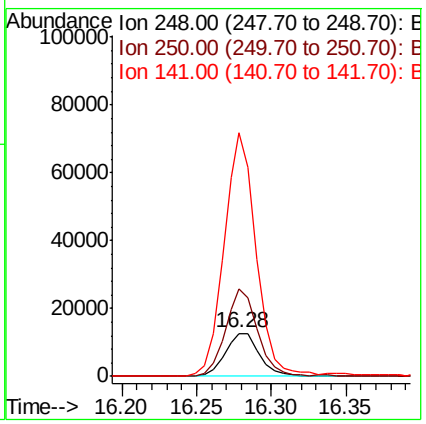


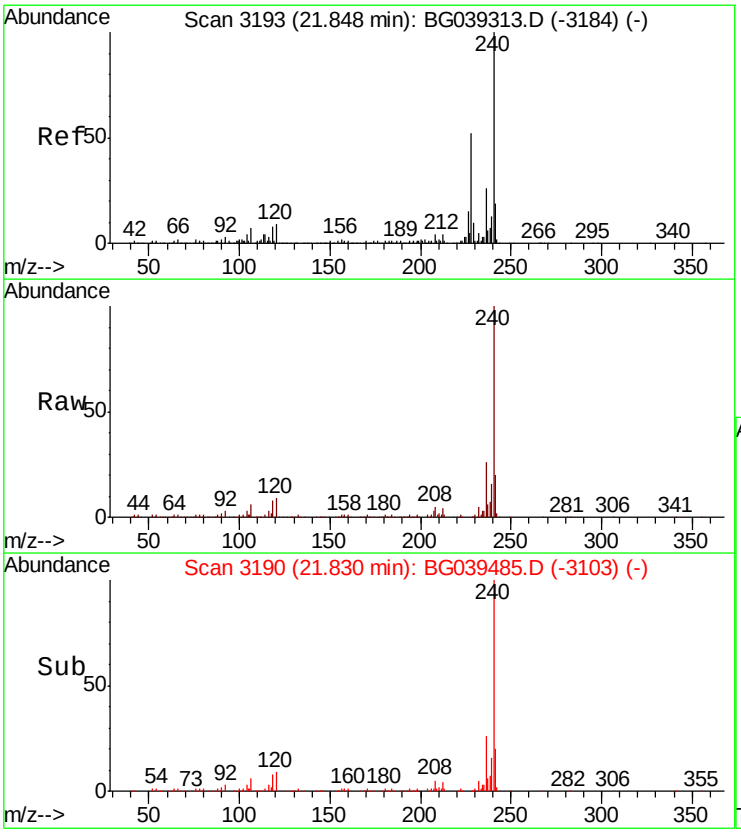
#67
4-Bromophenyl-phenylether
Concen: 5.076 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:248 Resp: 20237

Ion	Ratio	Lower	Upper
248	100		
250	204.6	77.6	116.4#
141	566.2	63.9	95.9#

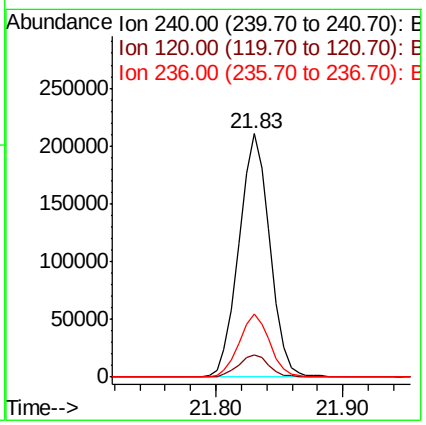


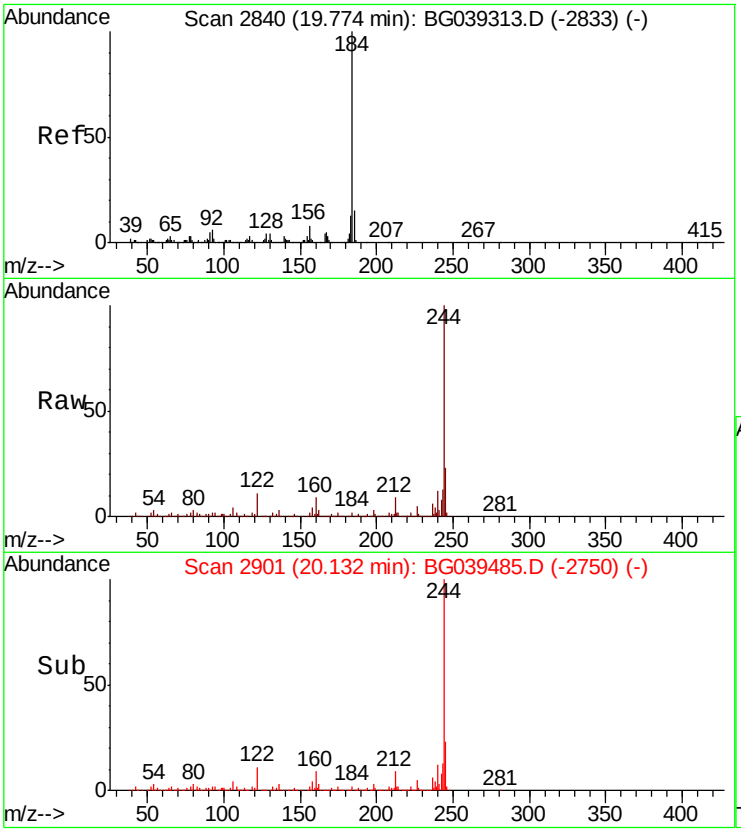


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:240 Resp: 355690

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.1	21.0	31.4



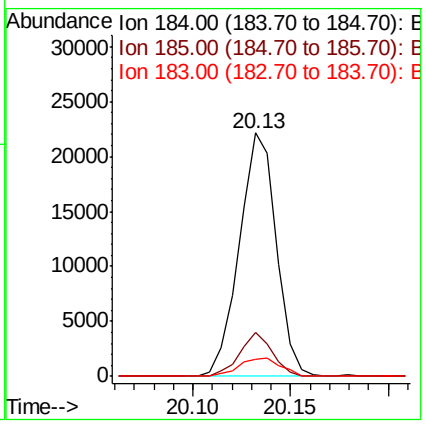


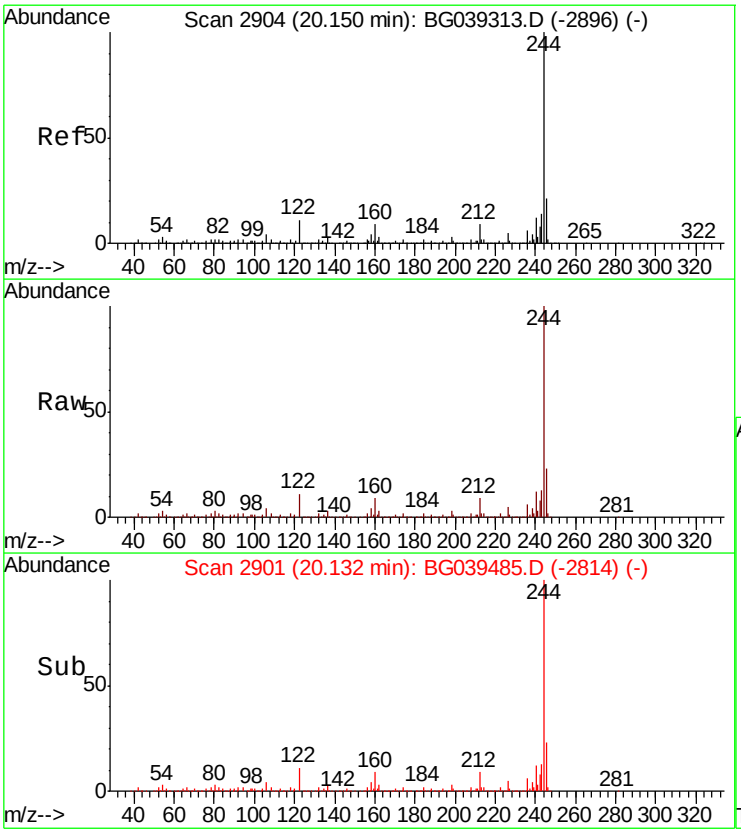
#77
Benzidine
Concen: 2.488 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:184 Resp: 29008

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.2	18.2
183	7.0	10.6	15.8#

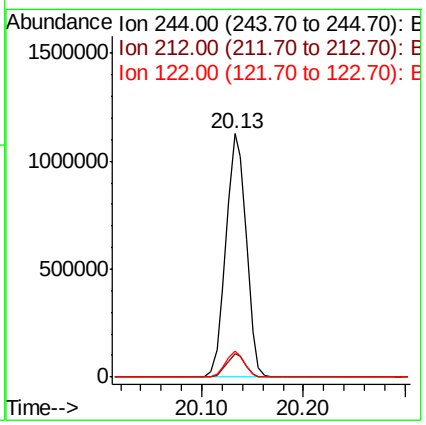


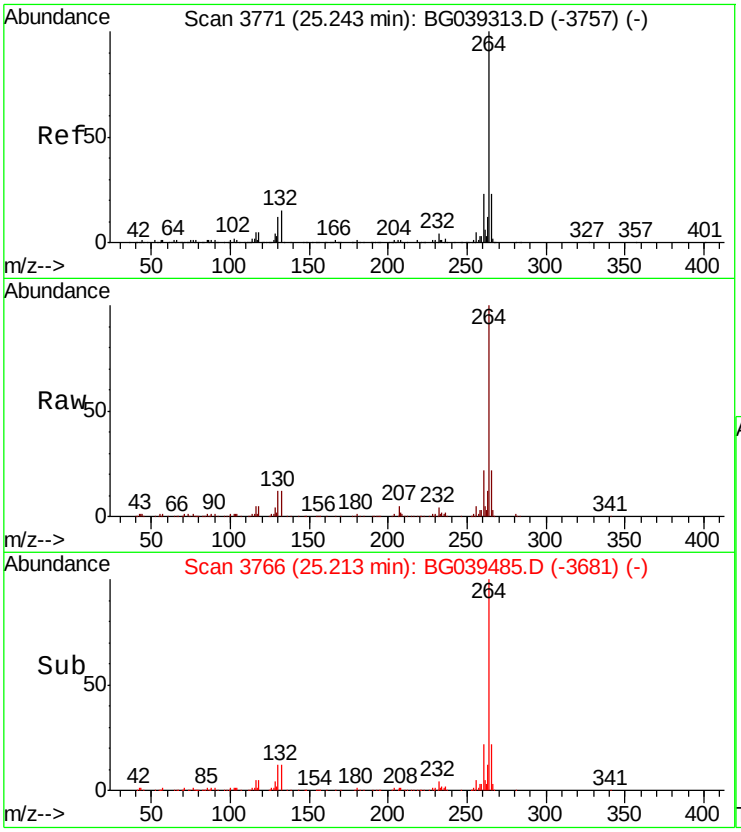


#79
Terphenyl-d14
Concen: 93.150 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion:244 Resp: 1565298

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.6	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: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:264 Resp: 346734

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	22.0	18.5	27.7