Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039717.D
Acq On : 2 Mar 2019 10:43
Operator : JU/SJ
Sample : K1675-32
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	48828	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	205133	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	131101	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	309565	20.00	ng	0.00
76) Chrysene-d12	21.82	240	328822	20.00	ng	0.00
87) Perylene-d12	25.20	264	311946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	355433	124.59	ng	0.00
7) Phenol-d6	7.31	99	448586	106.82	ng	0.00
23) Nitrobenzene-d5	9.34	82	347363	105.79	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	172177	121.96	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	807577	88.37	ng	0.00
79) Terphenyl-d14	20.12	244	1300201	83.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	779	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	46706	15.670	ng	# 67
48) 2-Nitroaniline	13.41	65	1760	8.914	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	16612	13.807	ng	# 23
56) 4-Nitrophenol	15.19	139	74	5.830	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	16612	13.310	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.26	198	701	4.901	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	13780	4.012	ng	# 1
77) Benzidine	20.12	184	22678	2.104	ng	# 94

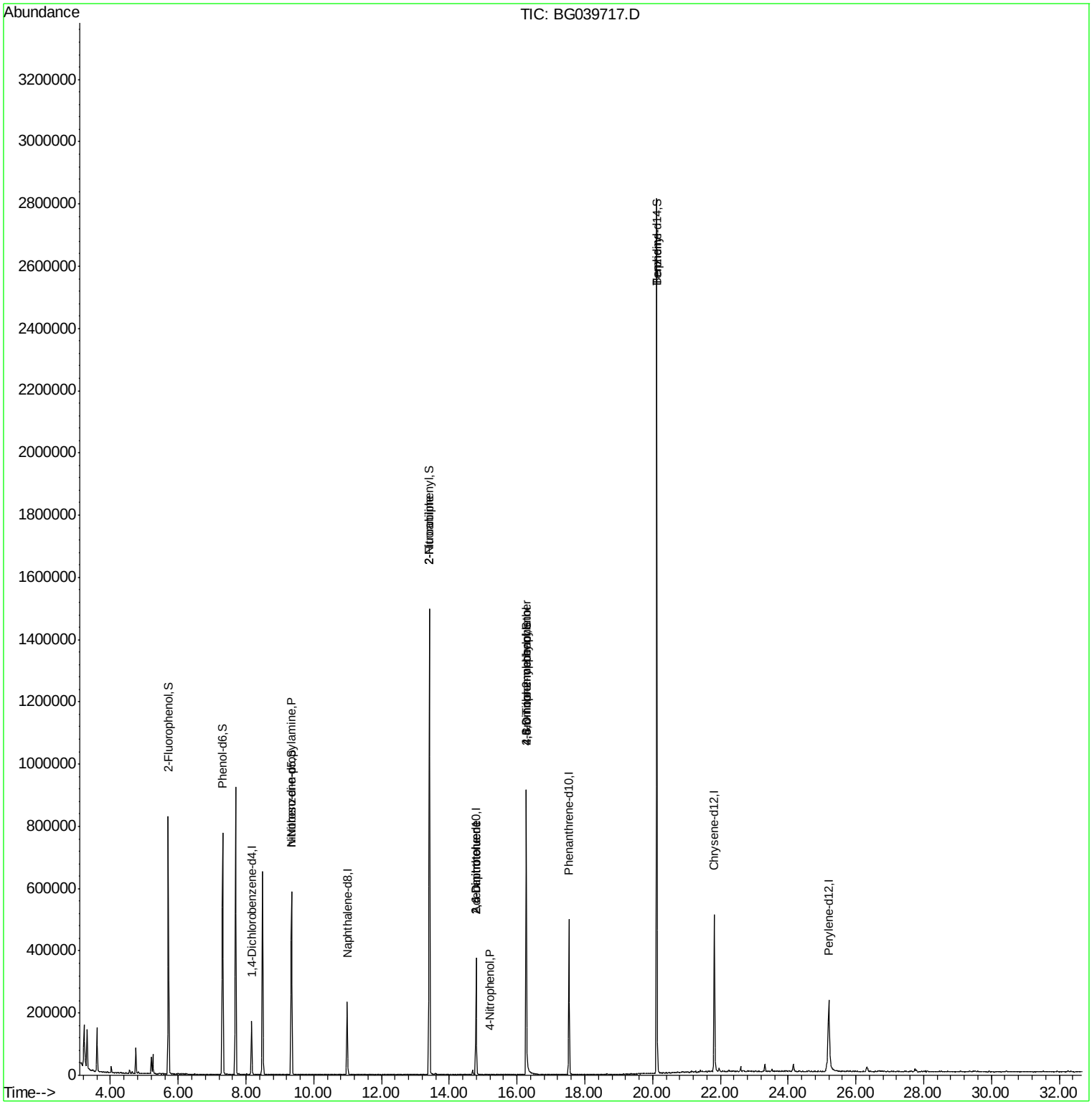
(#) = qualifier out of range (m) = manual integration (+) = signals summed

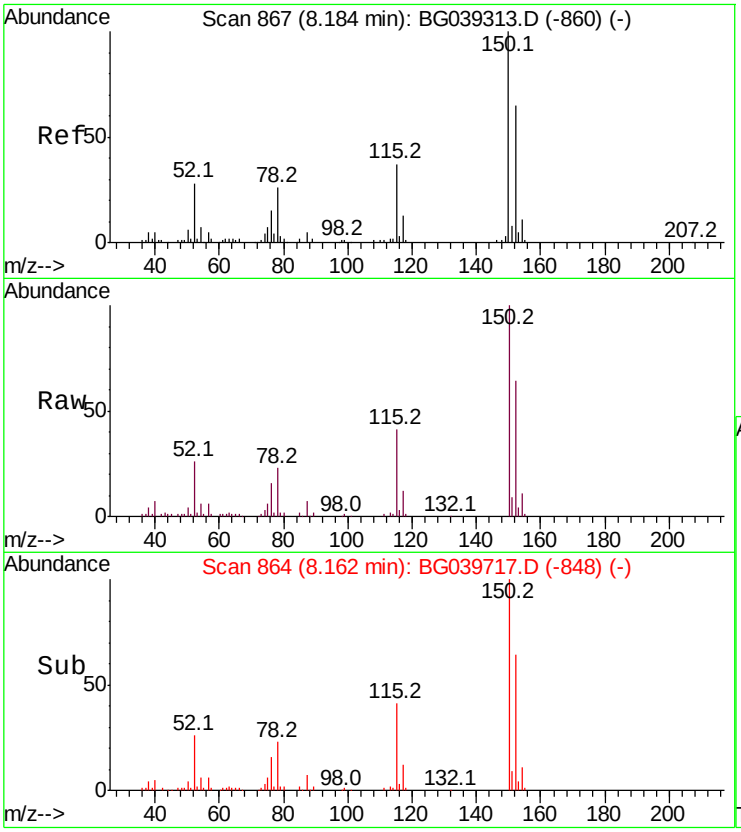
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039717.D
Acq On : 2 Mar 2019 10:43
Operator : JU/SJ
Sample : K1675-32
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



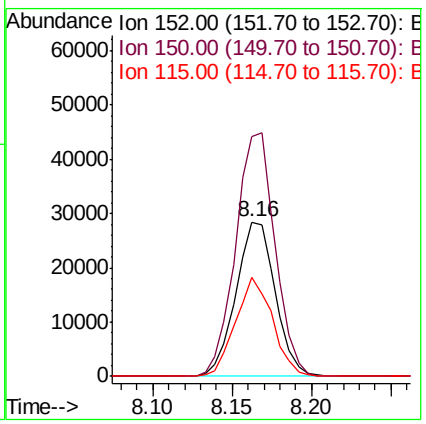


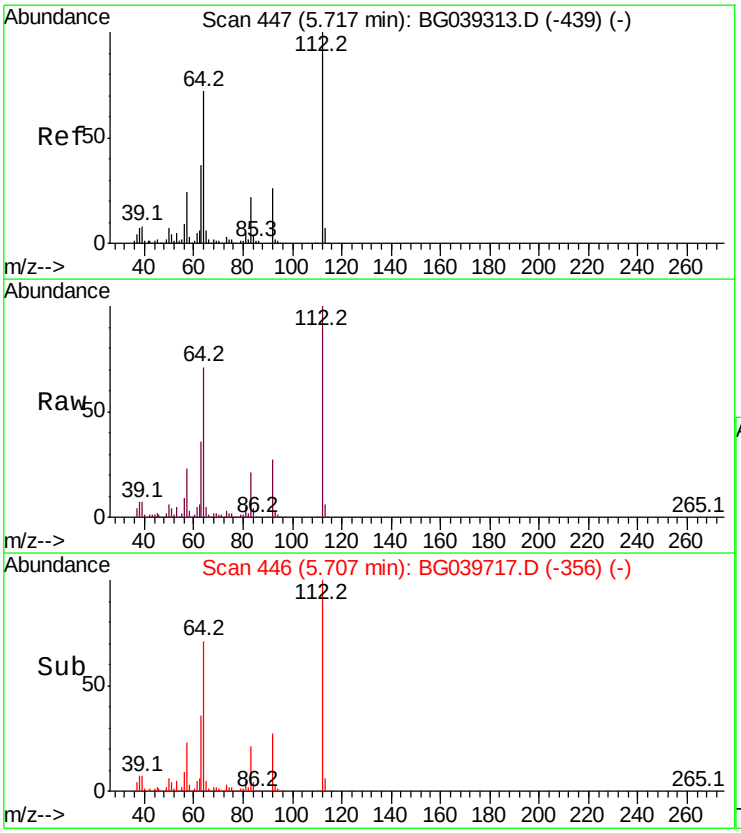
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48828

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	63.7	45.9	68.9

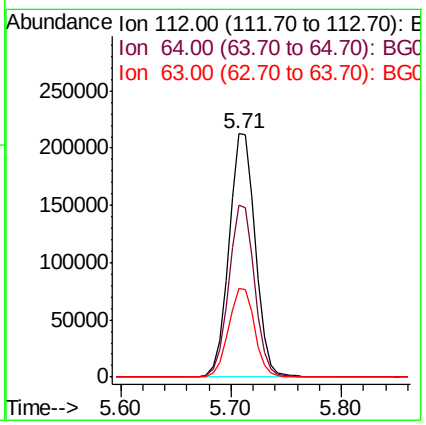


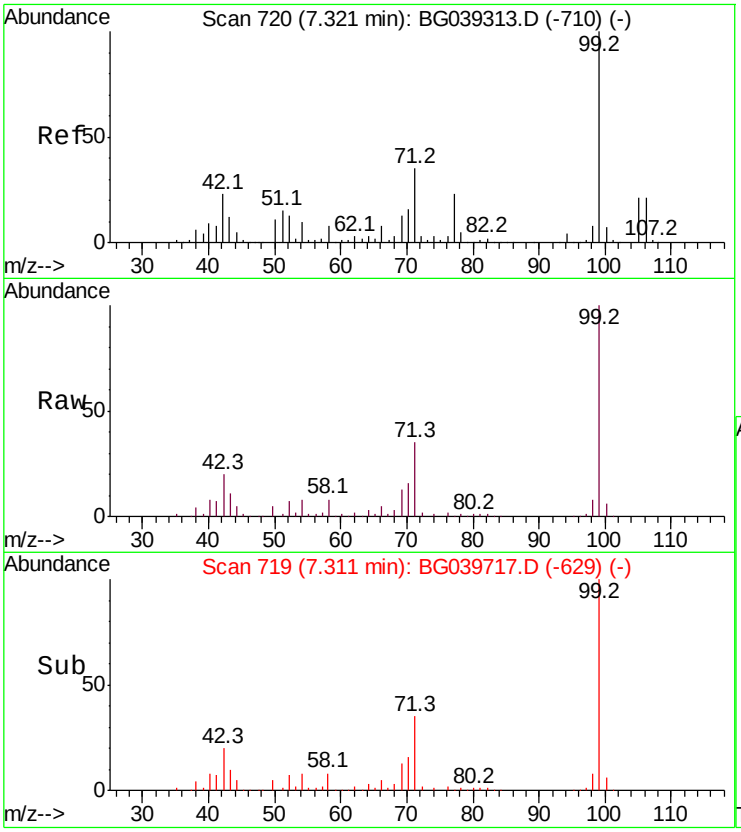


#5
2-Fluorophenol
Concen: 124.586 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:112 Resp: 355433

Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	36.3	29.8	44.6



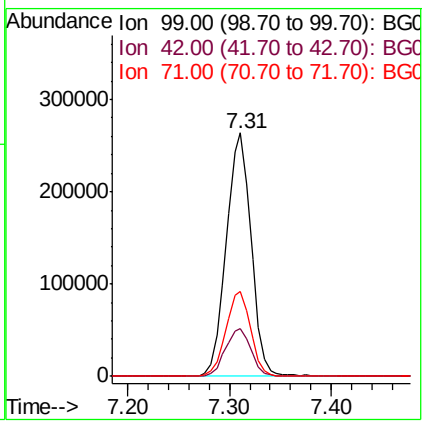


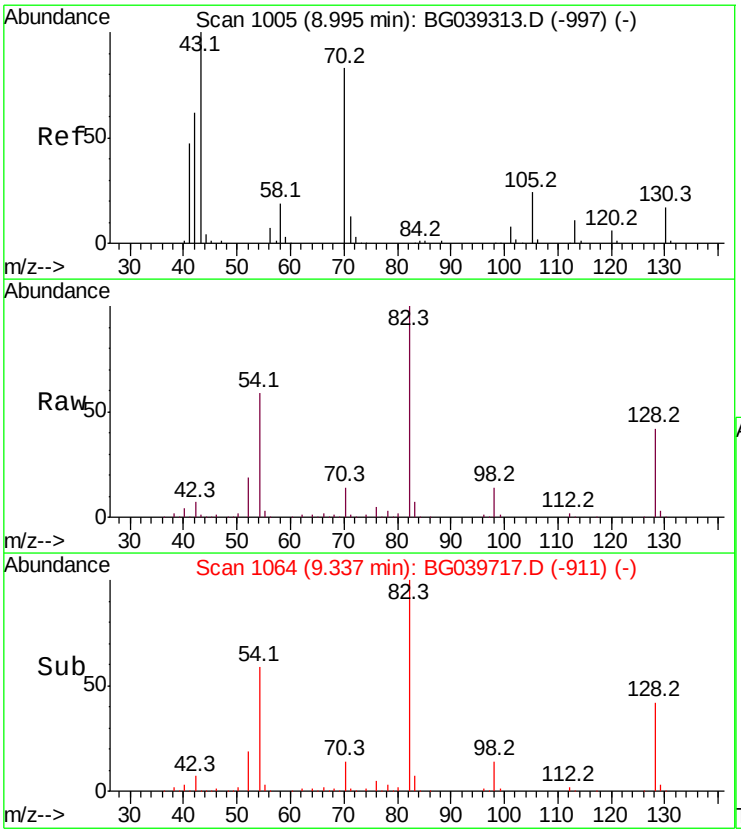
#7
Phenol-d6
Concen: 106.821 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 448586

Ion	Ratio	Lower	Upper
99	100		
42	19.5	18.2	27.2
71	34.7	28.0	42.0

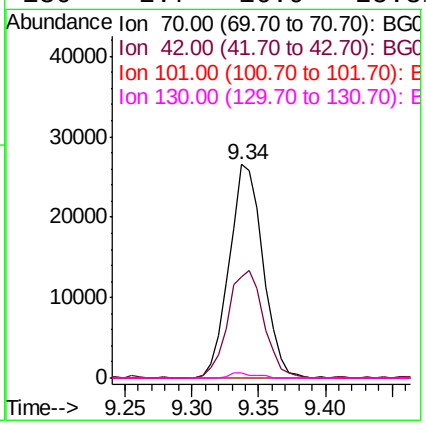


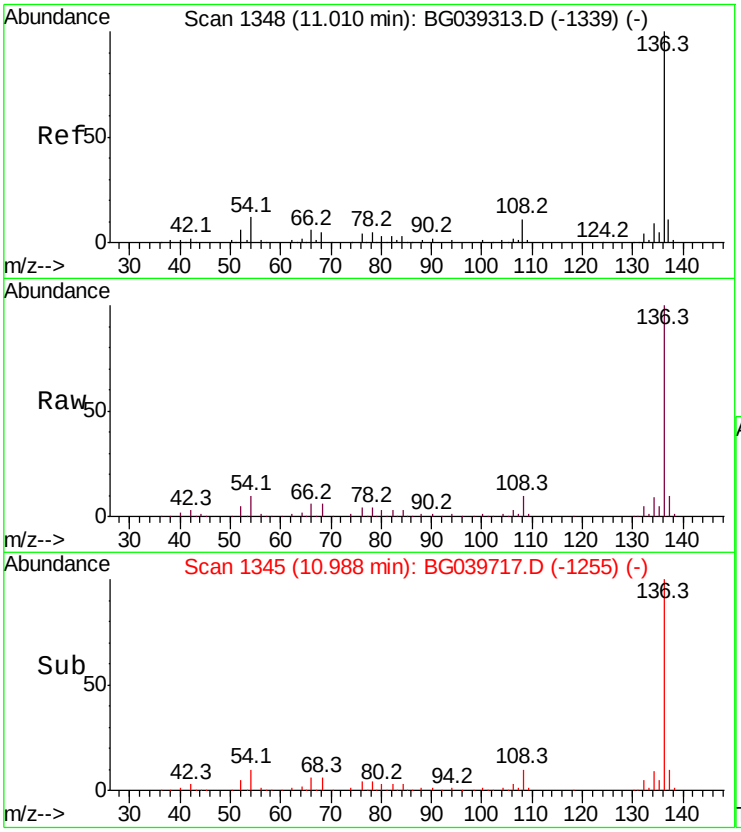


#19
n-Nitroso-di-n-propylamine
Concen: 15.670 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion: 70 Resp: 46706

Ion	Ratio	Lower	Upper
70	100		
42	47.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.7	16.9	25.3#



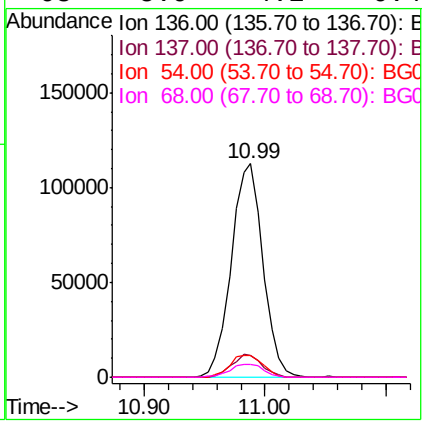


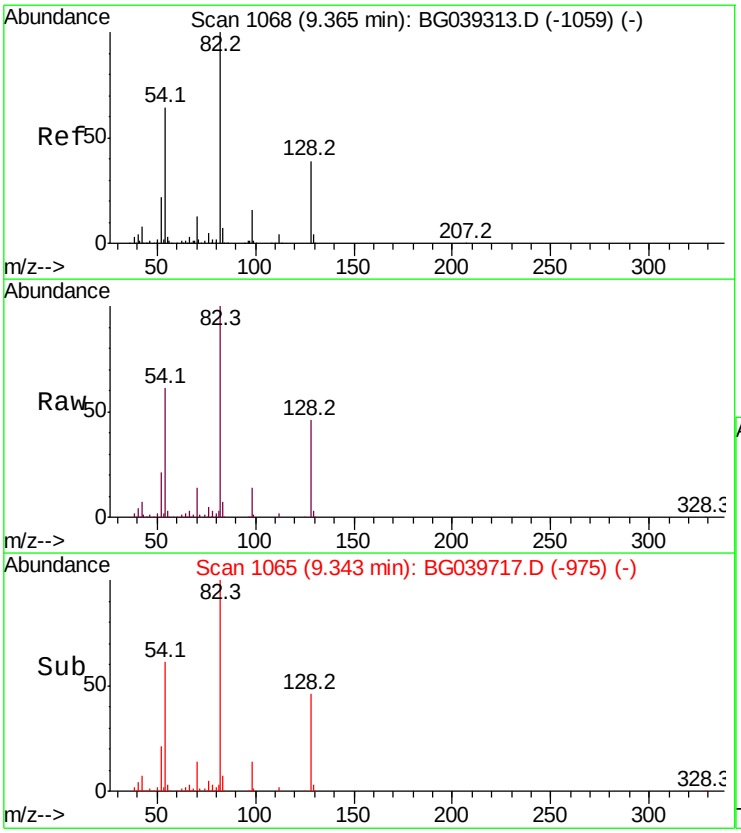
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 205133

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	10.3	9.4	14.2
68	5.9	4.2	6.4

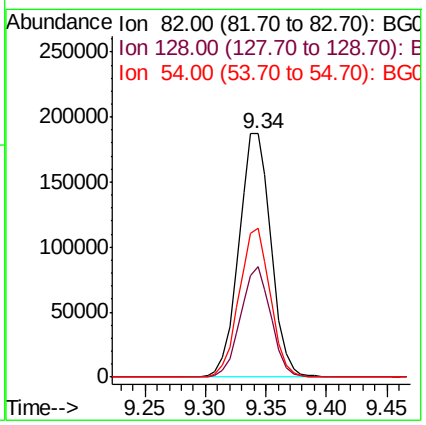


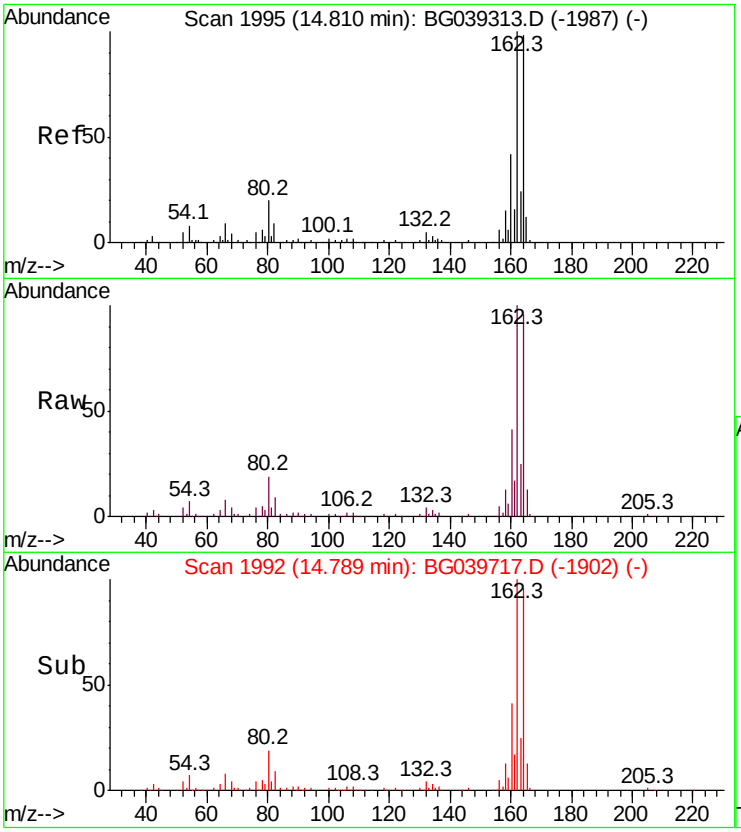


#23
Nitrobenzene-d5
Concen: 105.787 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion: 82 Resp: 347363

Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.3	46.9
54	61.1	50.9	76.3



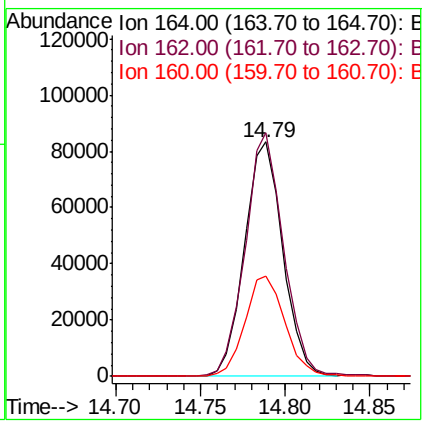


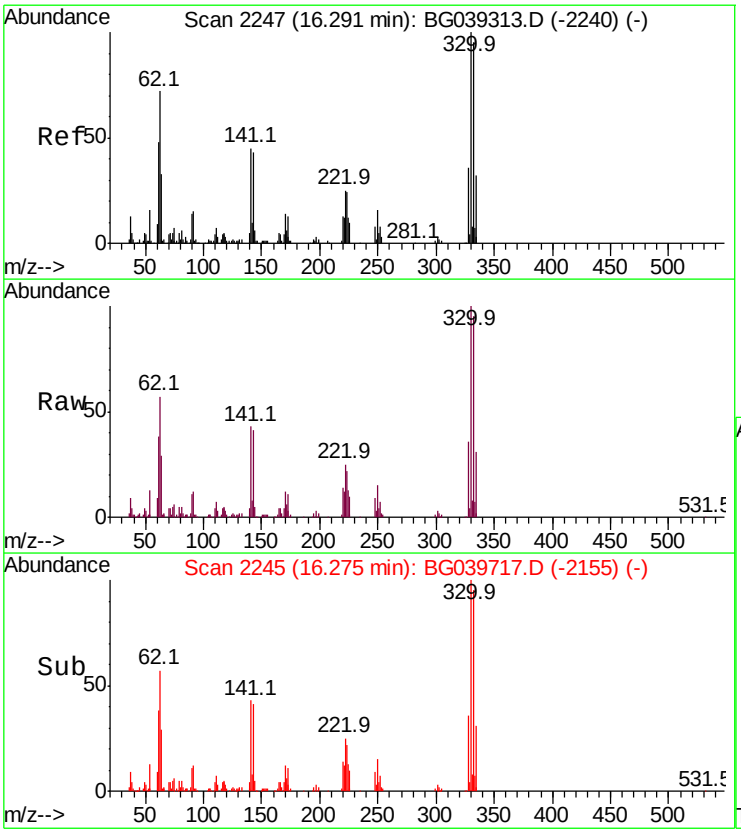
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 131101

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.6	122.4
160	43.1	34.2	51.2

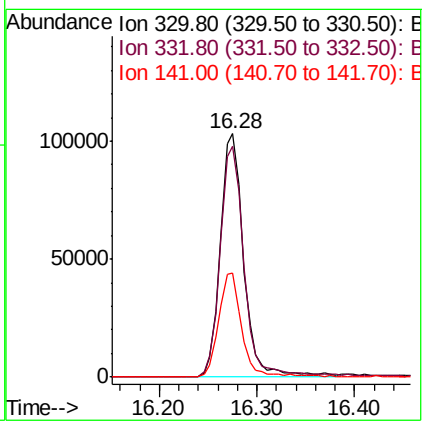


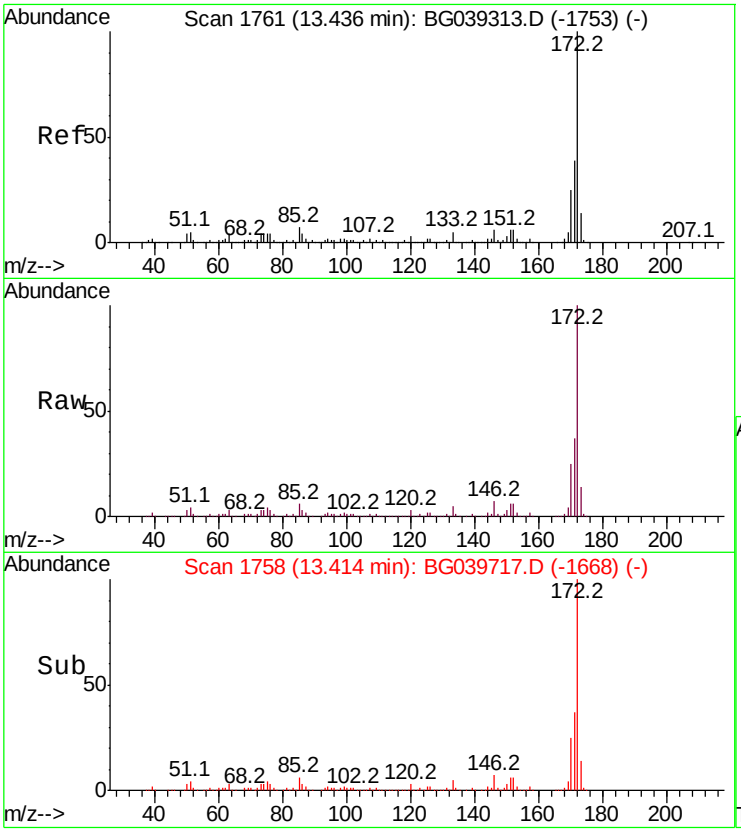


#42
2,4,6-Tribromophenol
Concen: 121.961 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:330 Resp: 172177

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	41.6	35.6	53.4



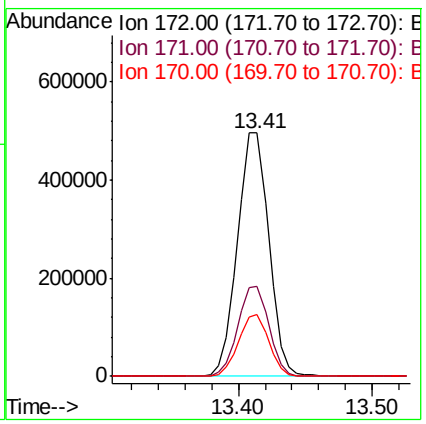


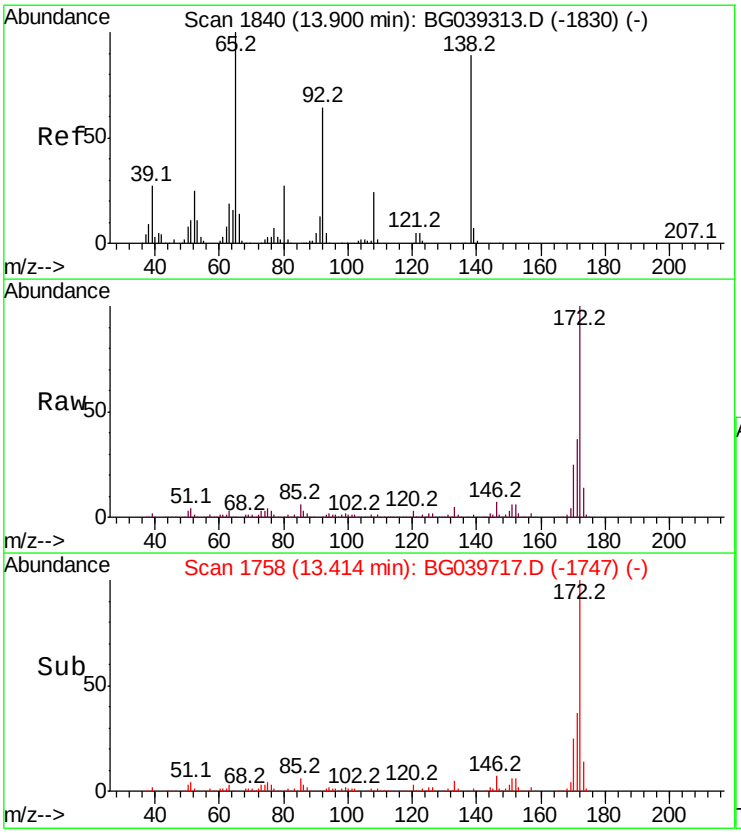
#45
2-Fluorobiphenyl
Concen: 88.368 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 807577

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	25.2	20.2	30.4

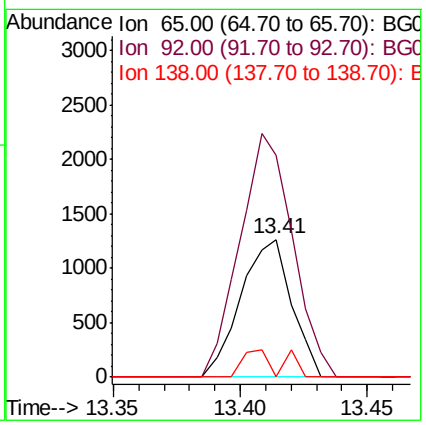


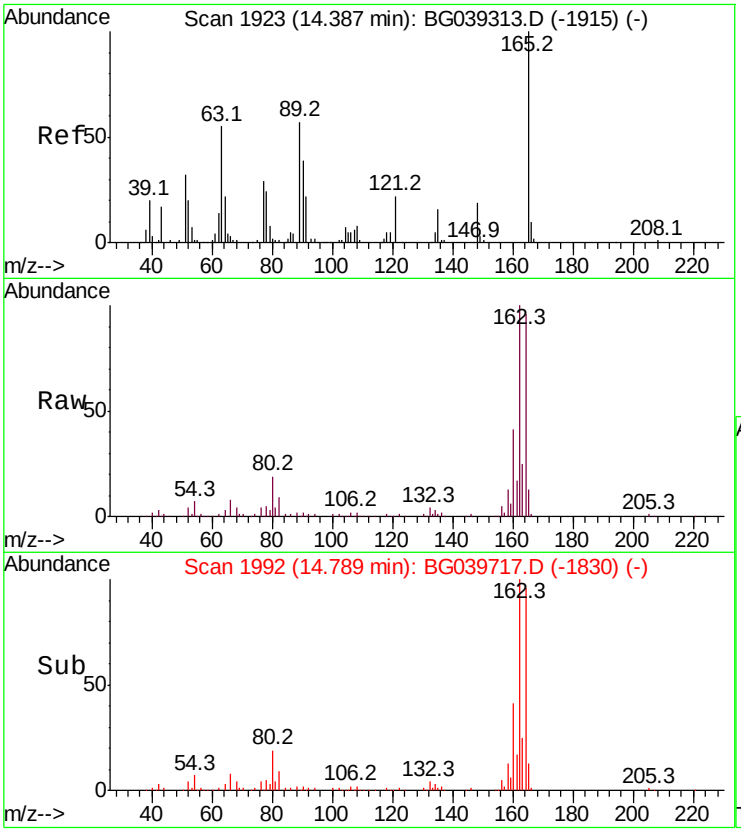


#48
2-Nitroaniline
Concen: 8.914 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.47 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion: 65 Resp: 1760

Ion	Ratio	Lower	Upper
65	100		
92	160.6	51.4	77.2#
138	0.0	71.4	107.2#



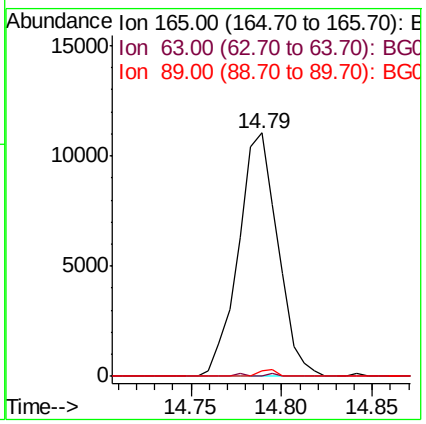


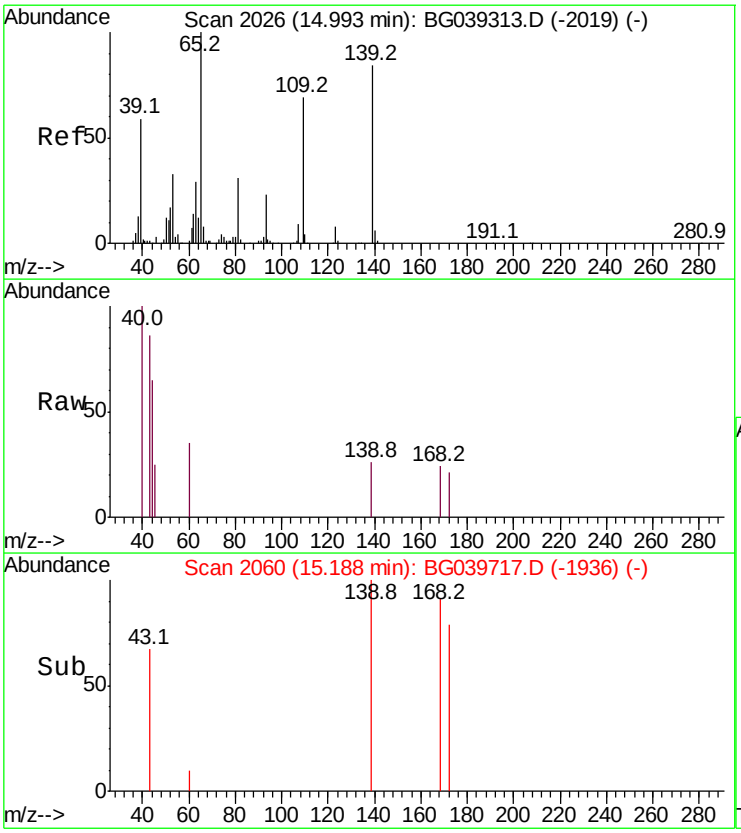
#51
2,6-Dinitrotoluene
Concen: 13.807 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.42 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16612

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	2.2	45.8	68.8#

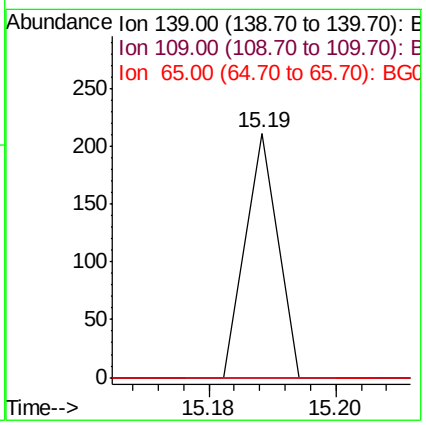


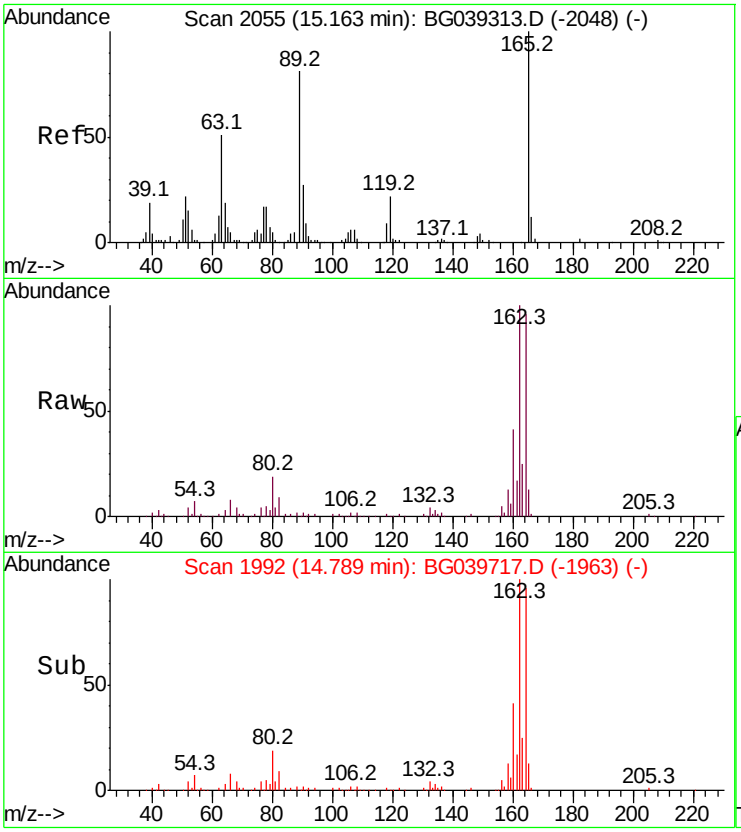


#56
4-Nitrophenol
Concen: 5.830 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:139 Resp: 74

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



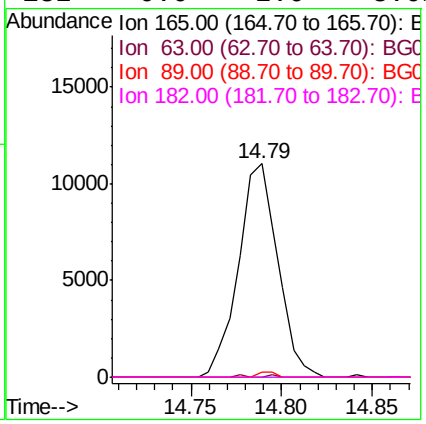


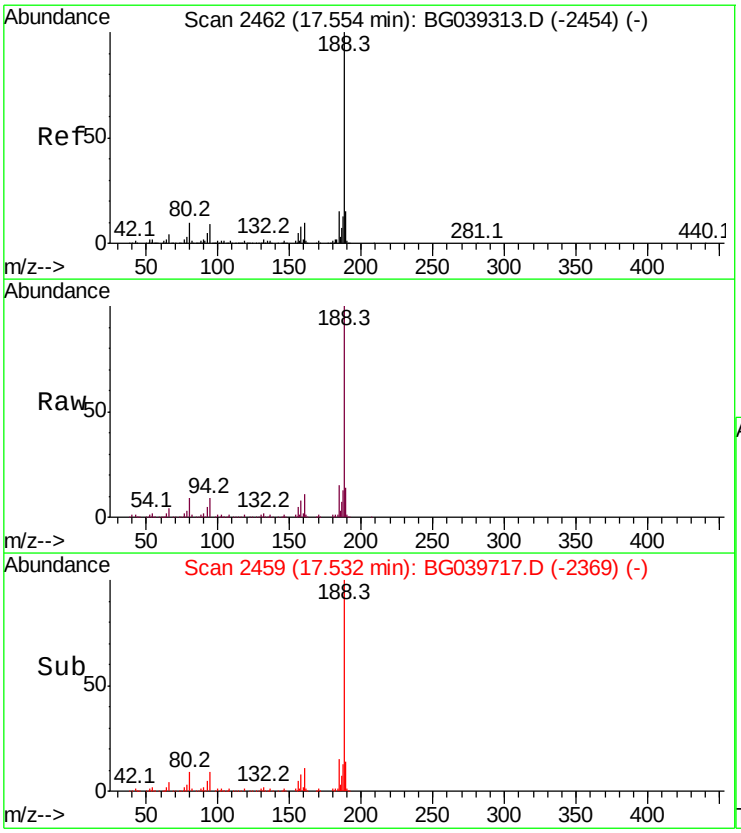
#57
2,4-Dinitrotoluene
Concen: 13.310 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.36 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16612

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#

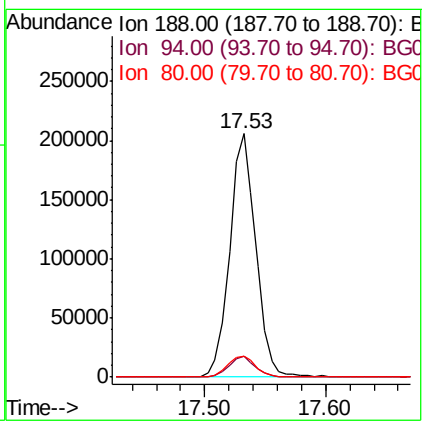


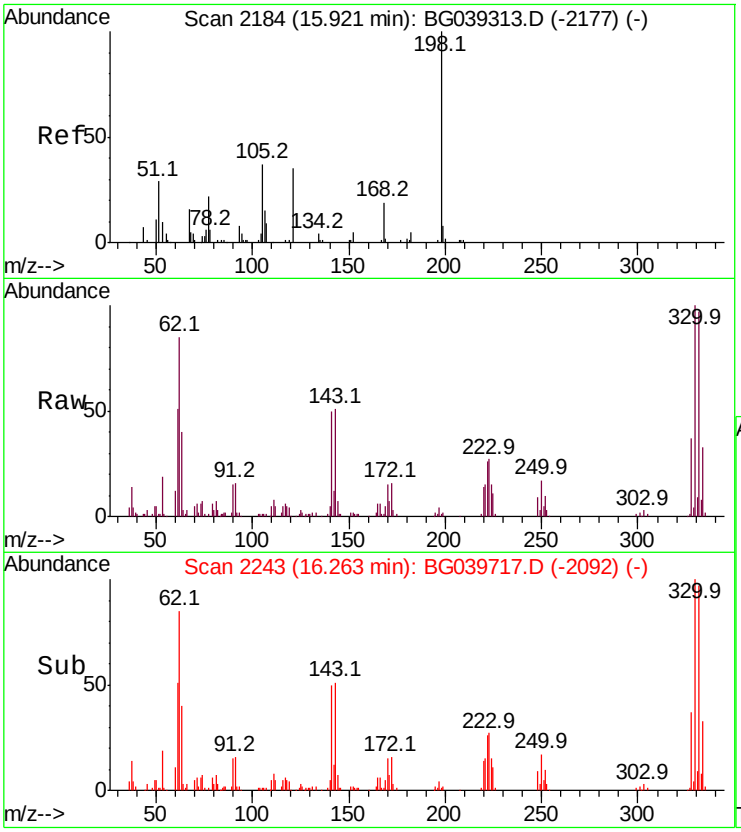


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:188 Resp: 309565

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	8.6	8.1	12.1



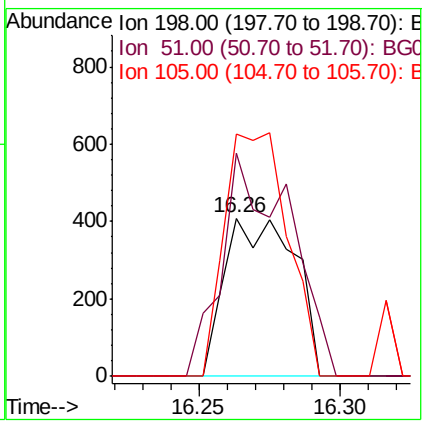


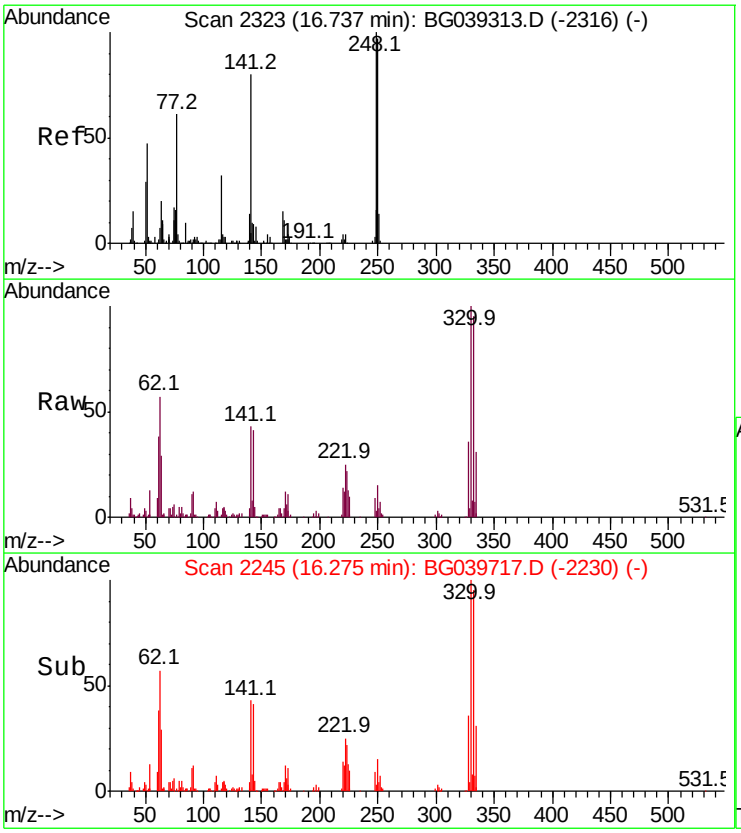
#65
4,6-Dinitro-2-methylphenol
Concen: 4.901 ng
RT: 16.26 min Scan# 2243
Delta R.T. 0.36 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 701

Ion	Ratio	Lower	Upper
198	100		
51	141.3	27.4	67.4#
105	153.1	19.7	59.7#

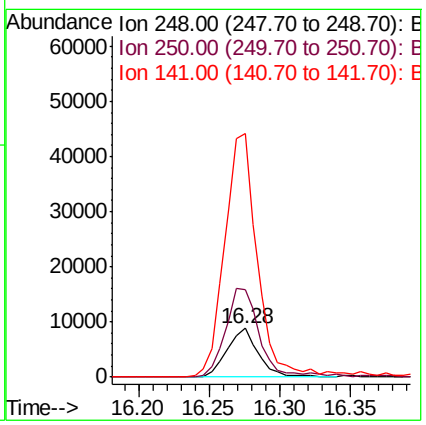


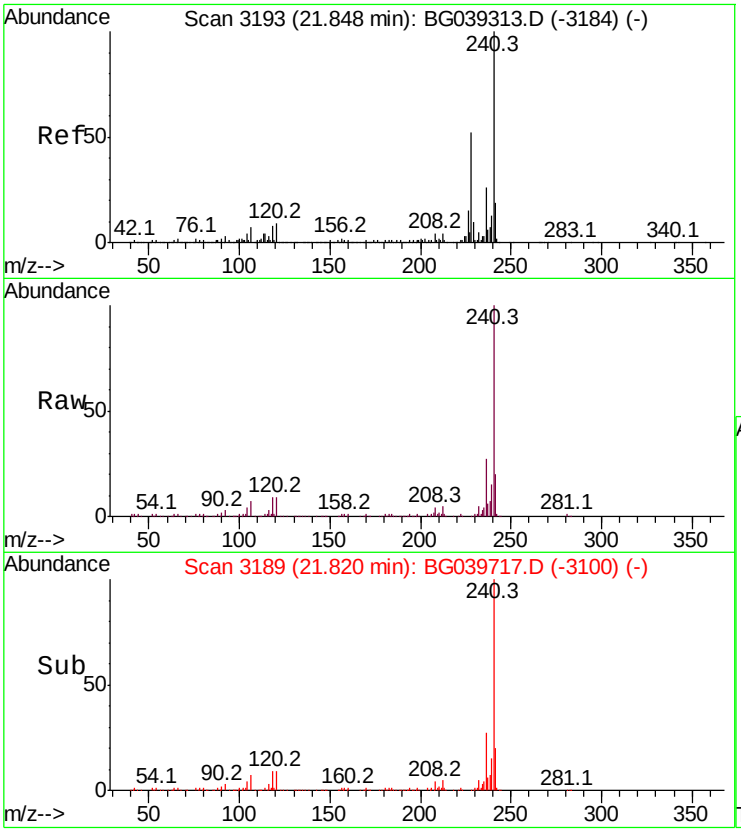


#67
4-Bromophenyl-phenylether
Concen: 4.012 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:248 Resp: 13780

Ion	Ratio	Lower	Upper
248	100		
250	179.7	77.6	116.4#
141	497.8	63.9	95.9#



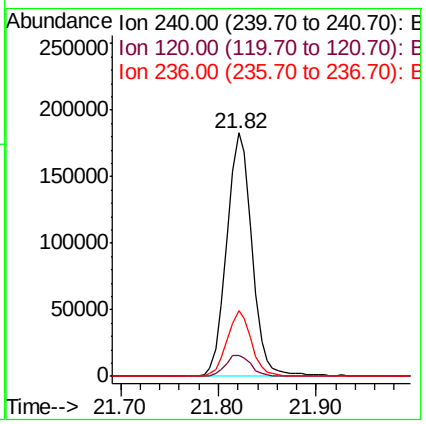


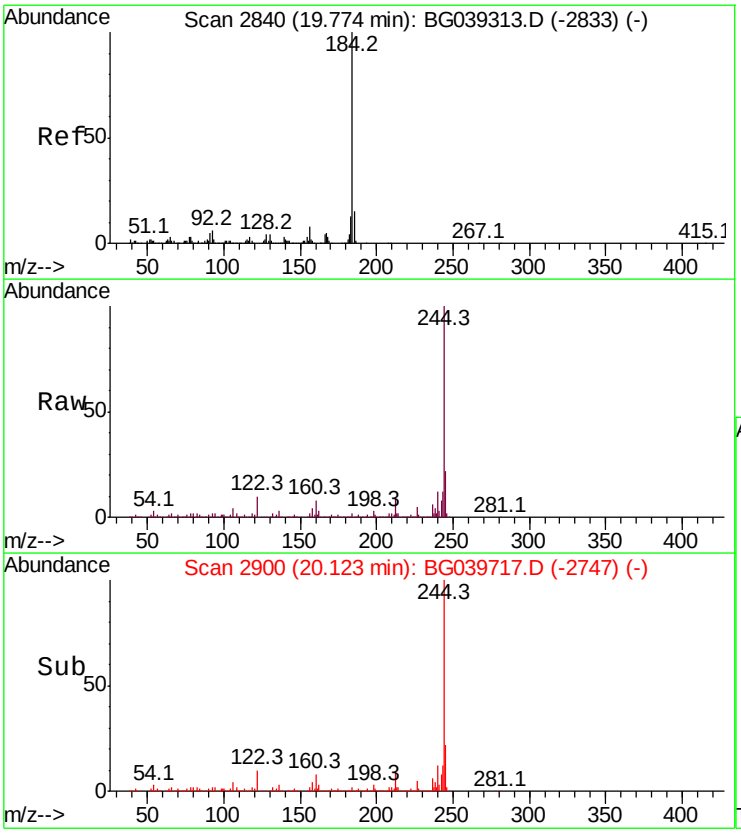
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 328822

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.8	21.0	31.4

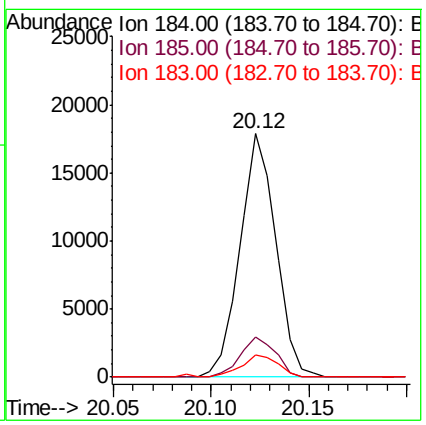


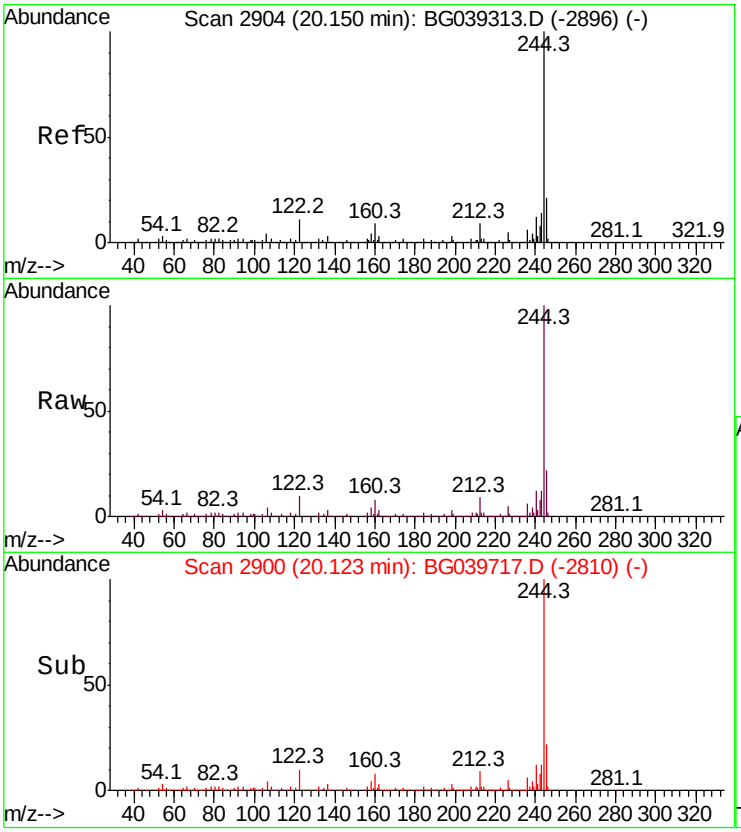


#77
Benzidine
Concen: 2.104 ng
RT: 20.12 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:184 Resp: 22678

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	9.2	10.6	15.8#



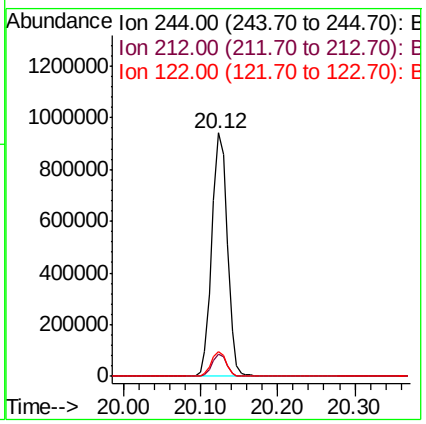


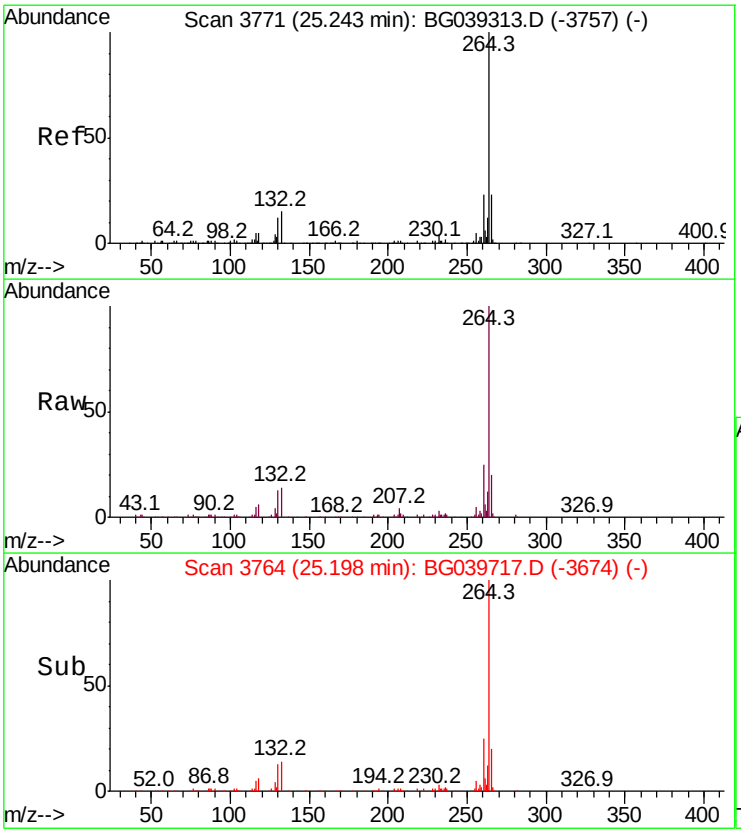
#79
Terphenyl-d14
Concen: 83.696 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1300201

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion:264 Resp: 311946

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	20.3	18.5	27.7