Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039703.D
Acq On : 2 Mar 2019 1:33
Operator : JU/SJ
Sample : K1675-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-11-B

Quant Time: Mar 02 03:15:41 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	8.17	152	47556	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	196441	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	135486	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	345118	20.00	ng	0.00
76) Chrysene-d12	21.82	240	358534	20.00	ng	-0.01
87) Perylene-d12	25.20	264	334082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	365450	131.52	ng	0.00
7) Phenol-d6	7.31	99	473864	115.86	ng	0.00
23) Nitrobenzene-d5	9.34	82	349284	111.08	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	194791	133.51	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	822561	87.09	ng	0.00
79) Terphenyl-d14	20.13	244	1385382	81.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	808	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	45513	15.678	ng	# 69
32) Benzoic acid	10.31	122	55	9.045	ng	# 1
48) 2-Nitroaniline	13.41	65	1455	8.790	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	16885	13.687	ng	# 23
56) 4-Nitrophenol	15.20	139	79	5.831	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	16885	13.220	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.27	198	722	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	16.27	248	15315	4.000	ng	# 1
77) Benzidine	20.13	184	24249	2.063	ng	# 93

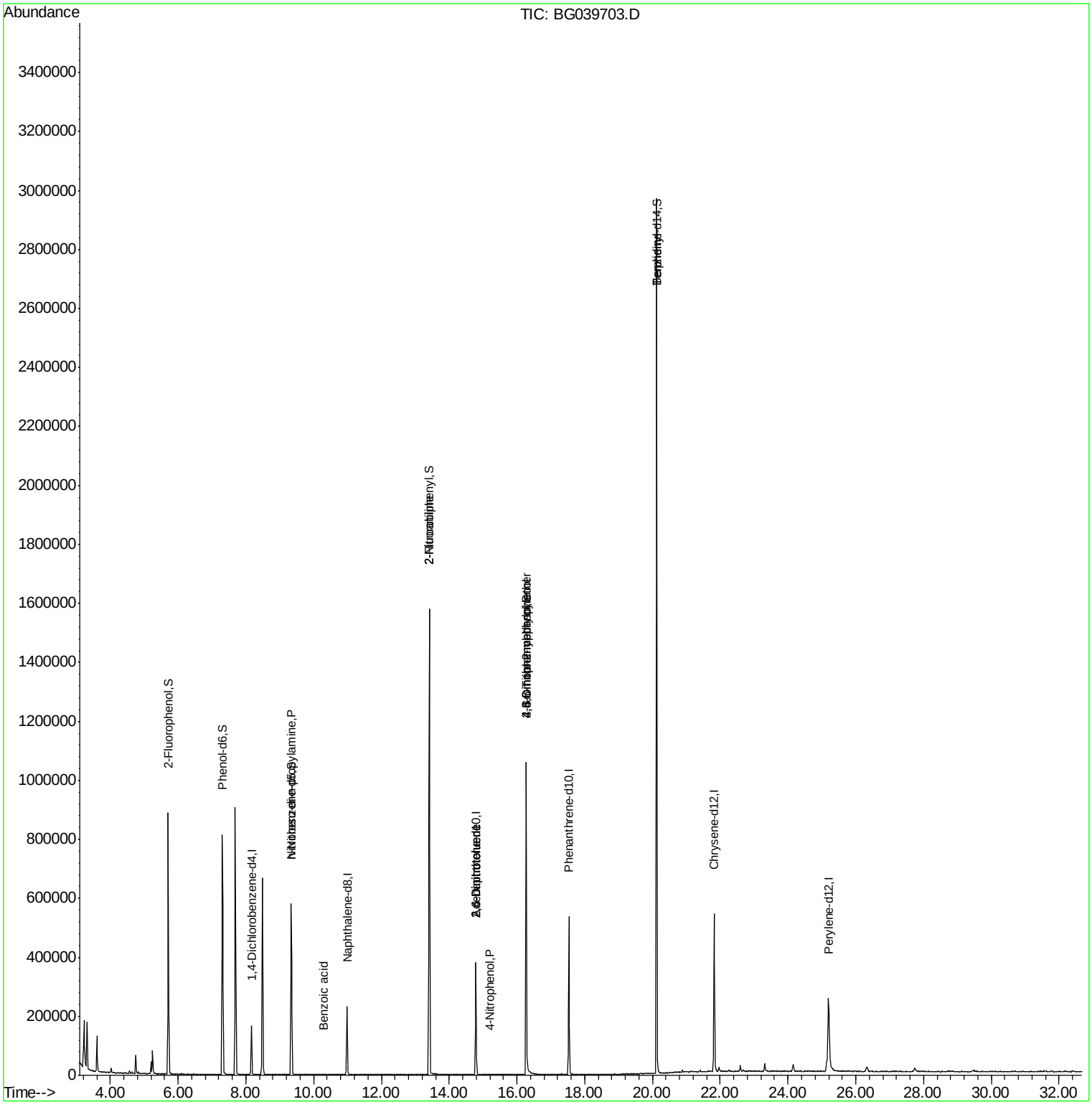
(#) = qualifier out of range (m) = manual integration (+) = signals summed

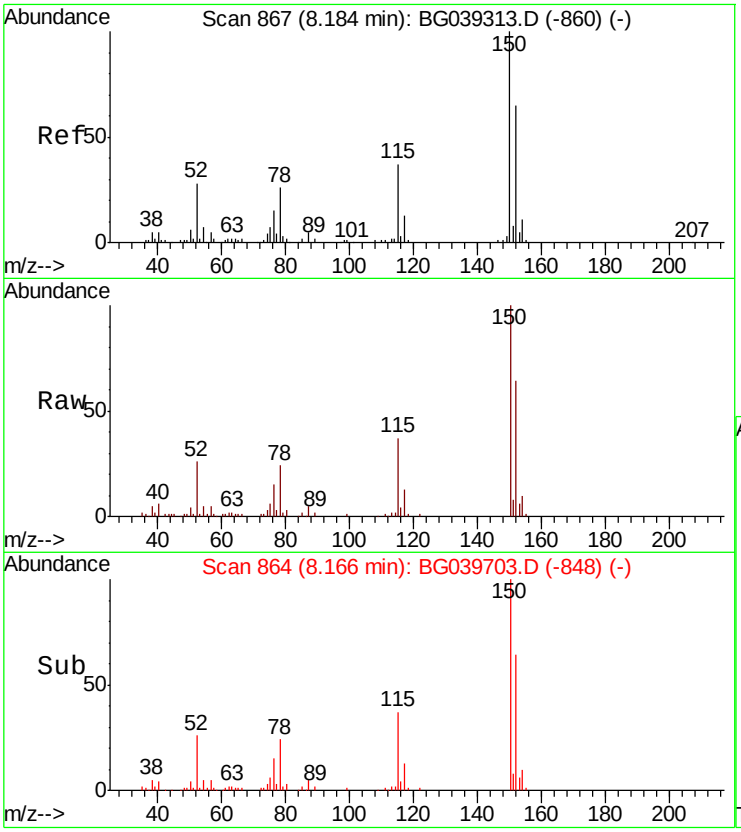
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039703.D
Acq On : 2 Mar 2019 1:33
Operator : JU/SJ
Sample : K1675-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-11-B

Quant Time: Mar 02 03:15:41 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



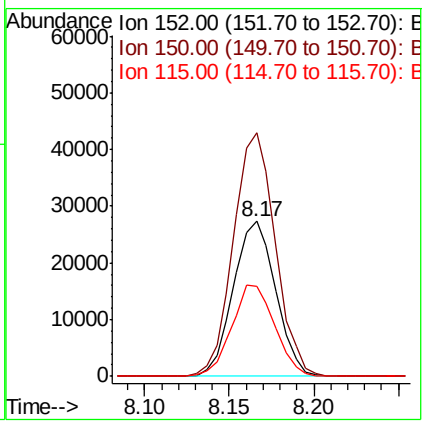


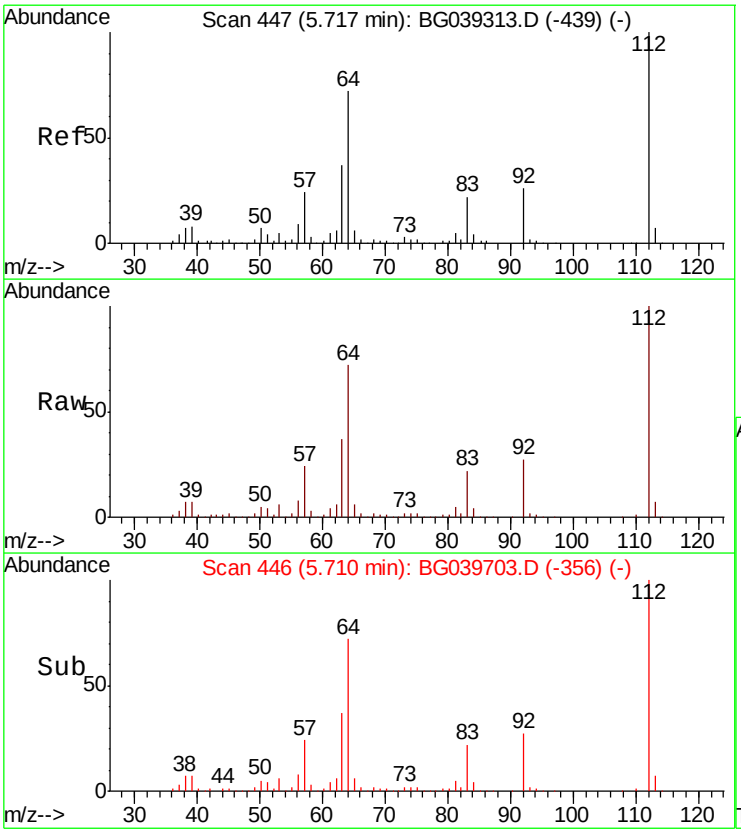
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:152 Resp: 47556

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.7	185.5
115	57.9	45.9	68.9

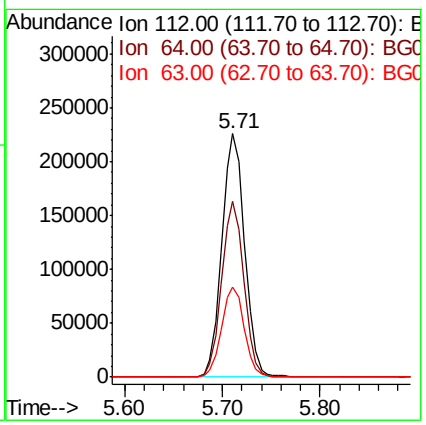


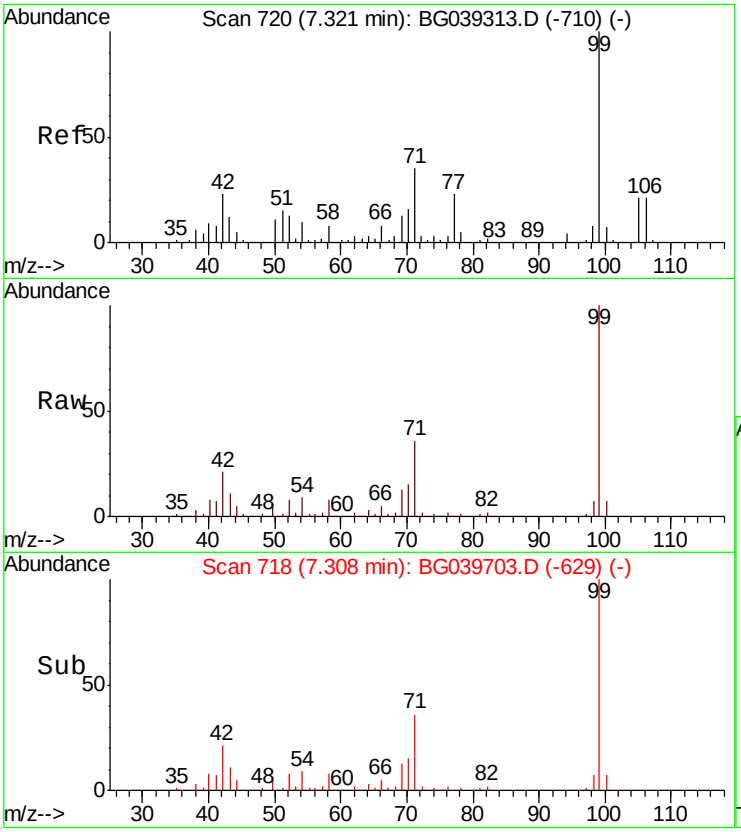


#5
2-Fluorophenol
Concen: 131.523 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:112 Resp: 365450

Ion	Ratio	Lower	Upper
112	100		
64	72.0	57.8	86.8
63	37.2	29.8	44.6



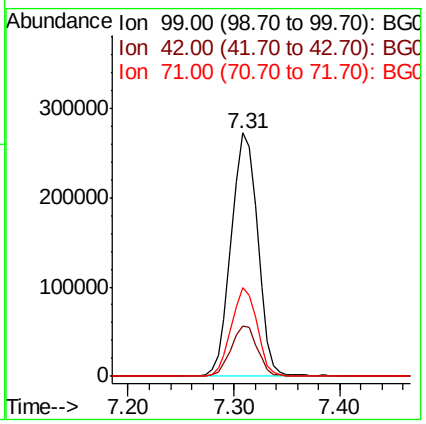


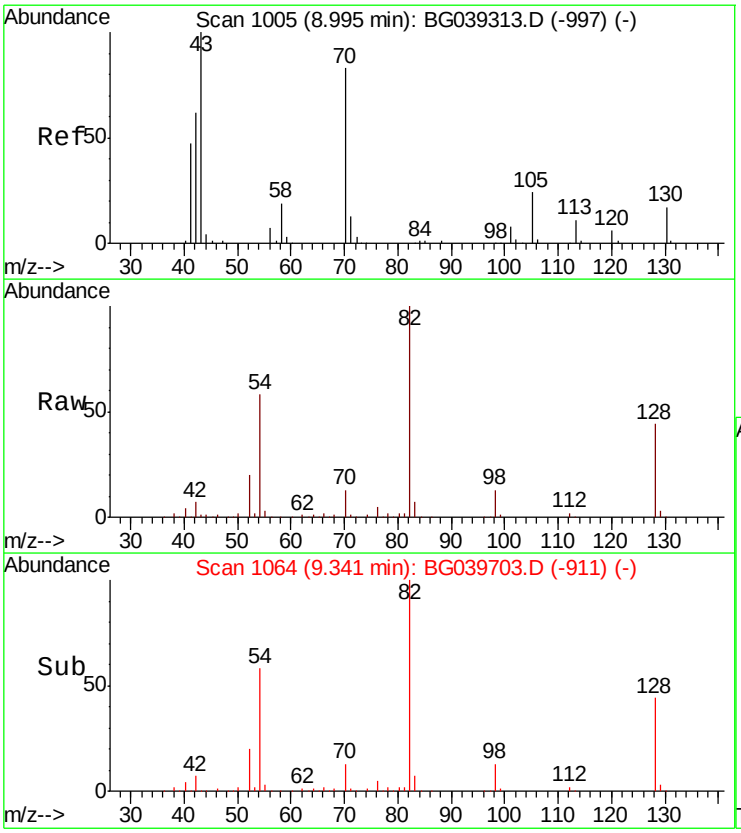
#7
Phenol-d6
Concen: 115.859 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion: 99 Resp: 473864

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	36.3	28.0	42.0

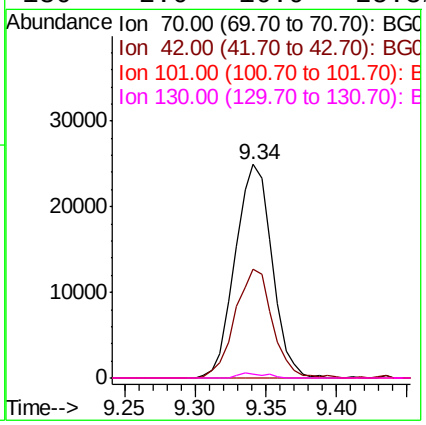


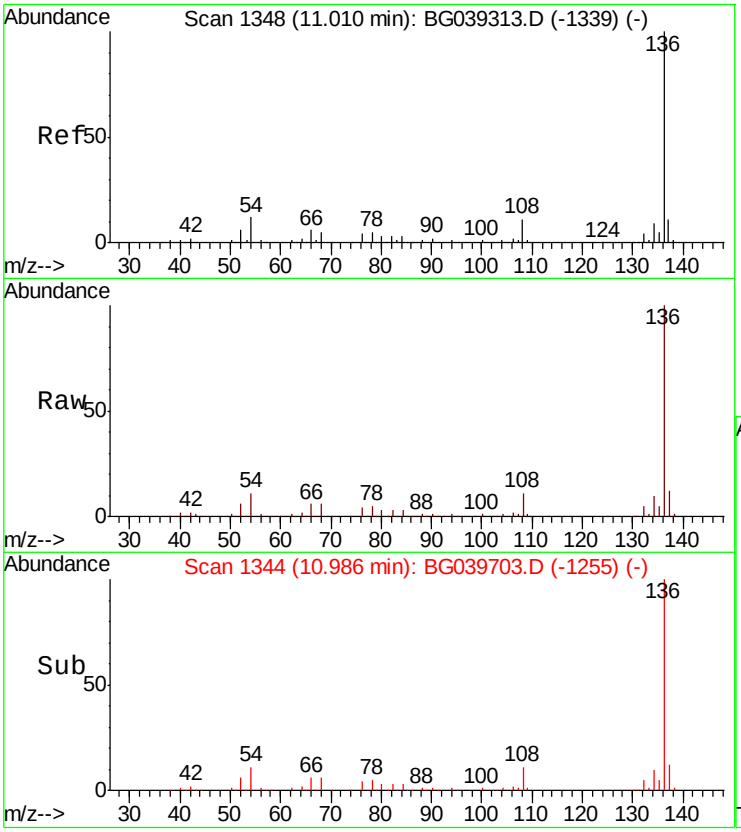


#19
n-Nitroso-di-n-propylamine
Concen: 15.678 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion: 70 Resp: 45513

Ion	Ratio	Lower	Upper
70	100		
42	51.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#



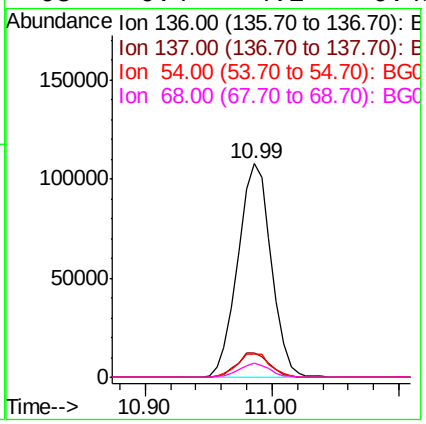


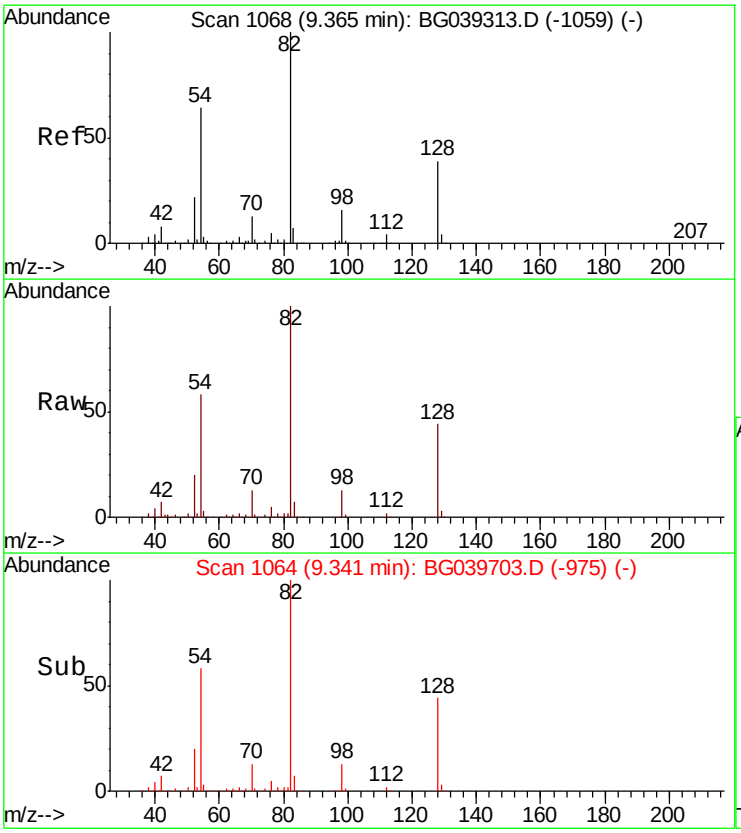
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:136 Resp: 196441

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.0	9.4	14.2
68	6.4	4.2	6.4#

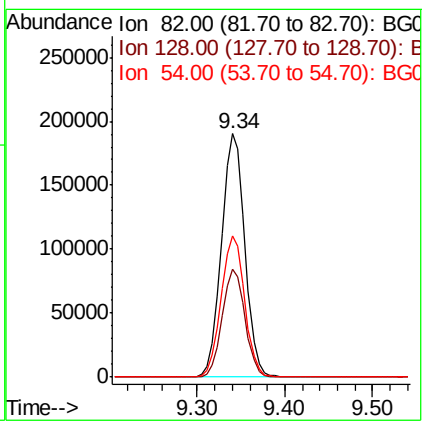


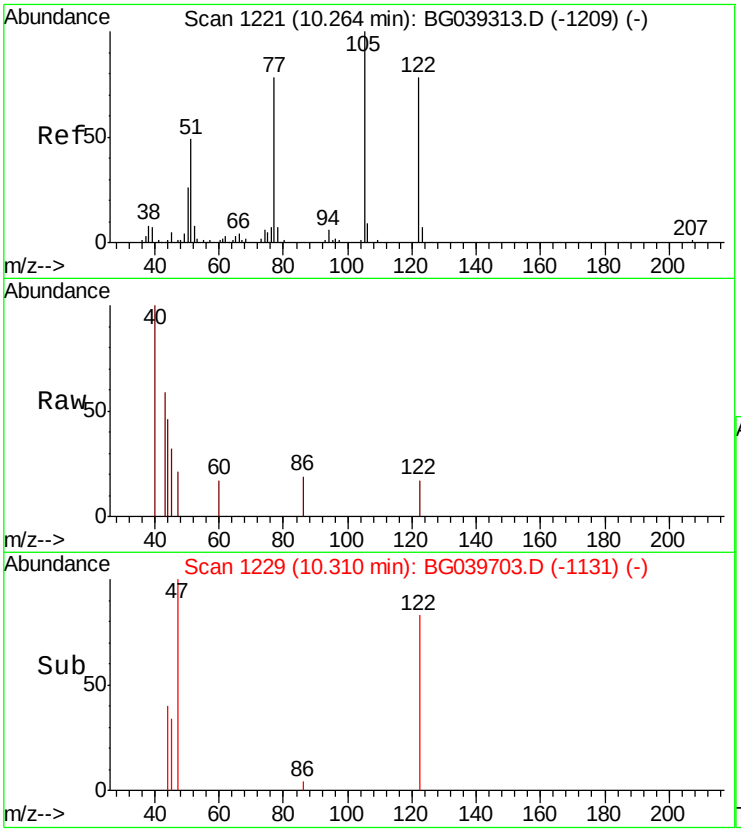


#23
Nitrobenzene-d5
Concen: 111.078 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion: 82 Resp: 349284

Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.3	46.9
54	58.0	50.9	76.3



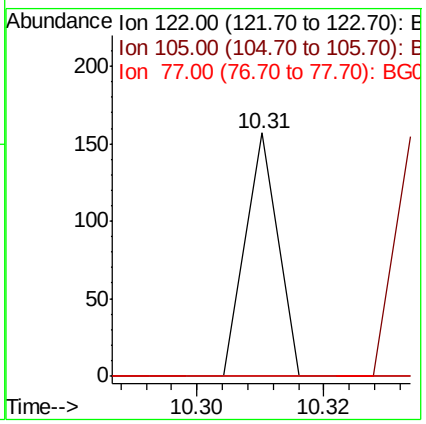


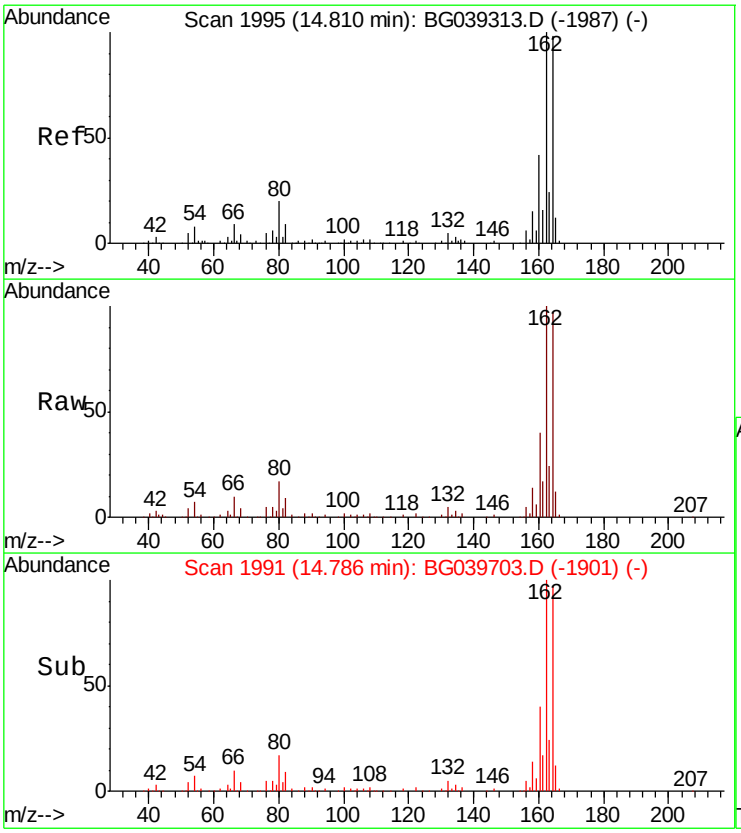
#32
Benzoic acid
Concen: 9.045 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.05 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-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#

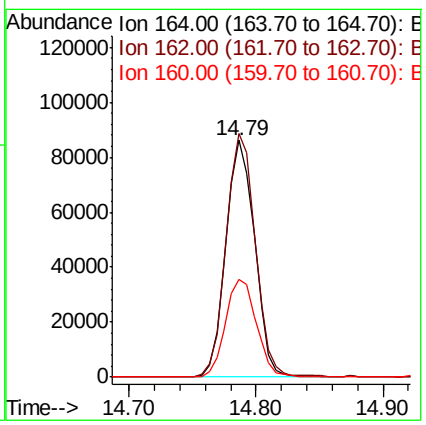


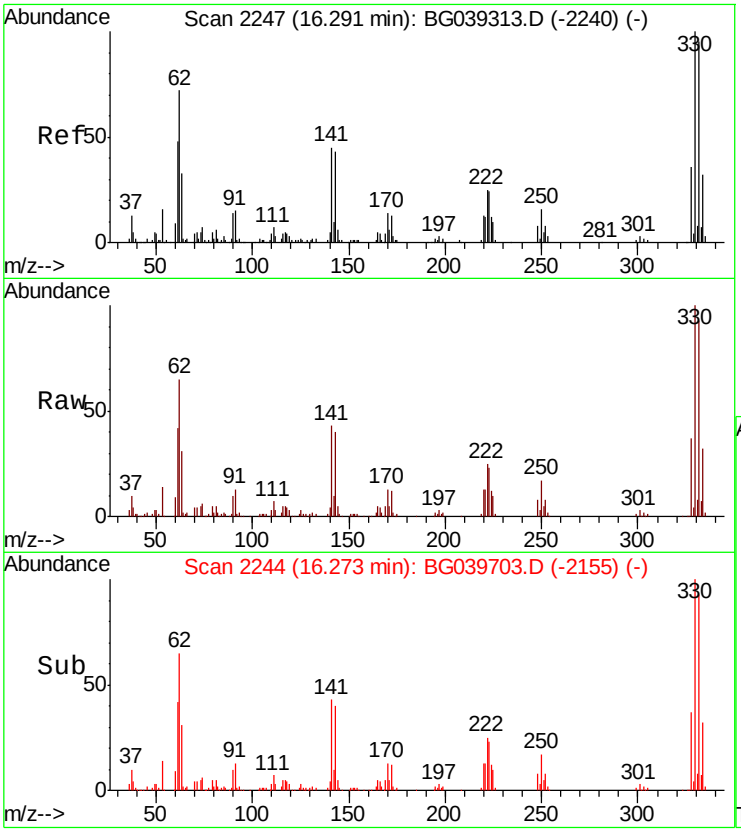


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:164 Resp: 135486

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.6	122.4
160	41.4	34.2	51.2



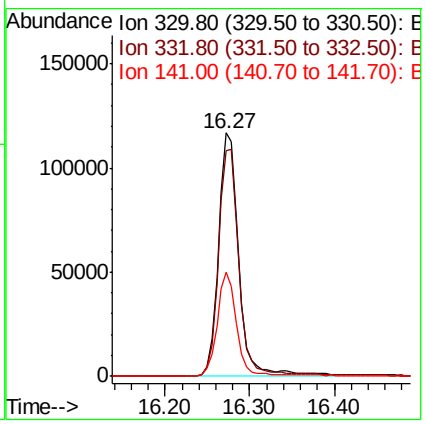


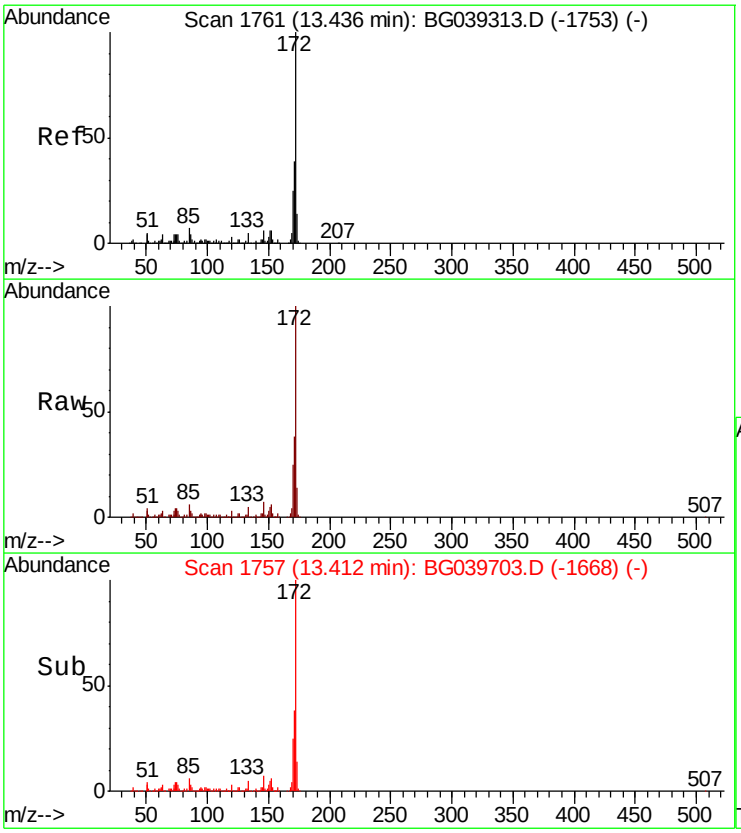
#42
2,4,6-Tribromophenol
Concen: 133.514 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:330 Resp: 194791

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	40.6	35.6	53.4

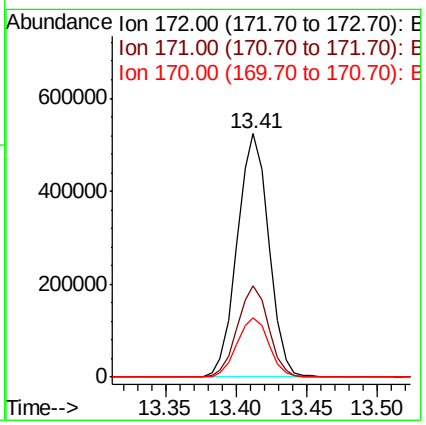


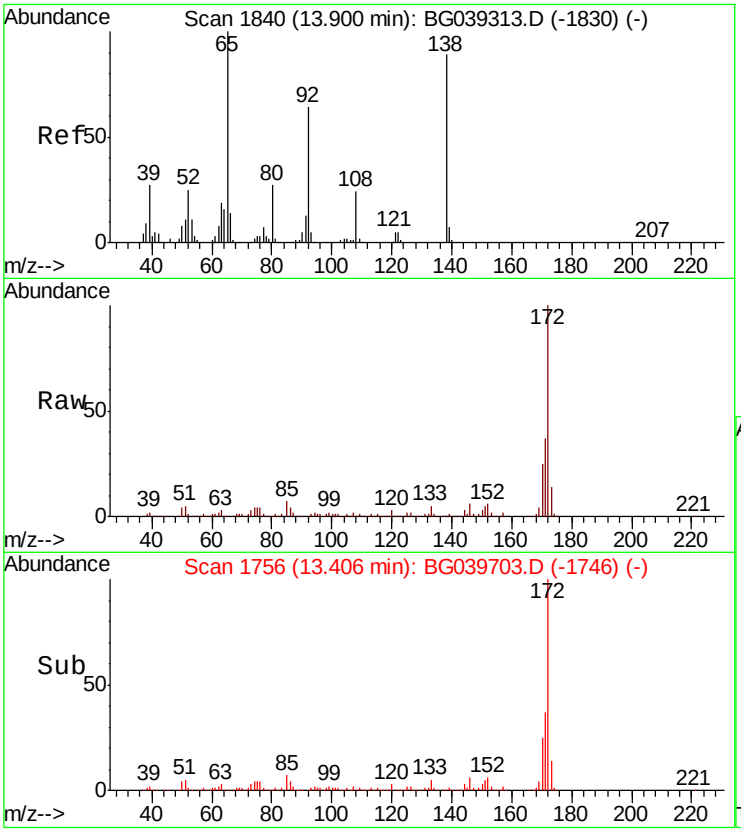


#45
2-Fluorobiphenyl
Concen: 87.094 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:172 Resp: 822561

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.6	20.2	30.4



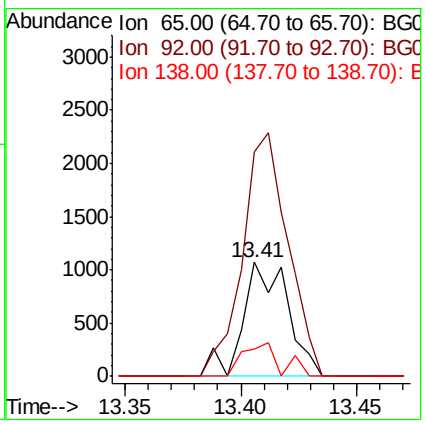


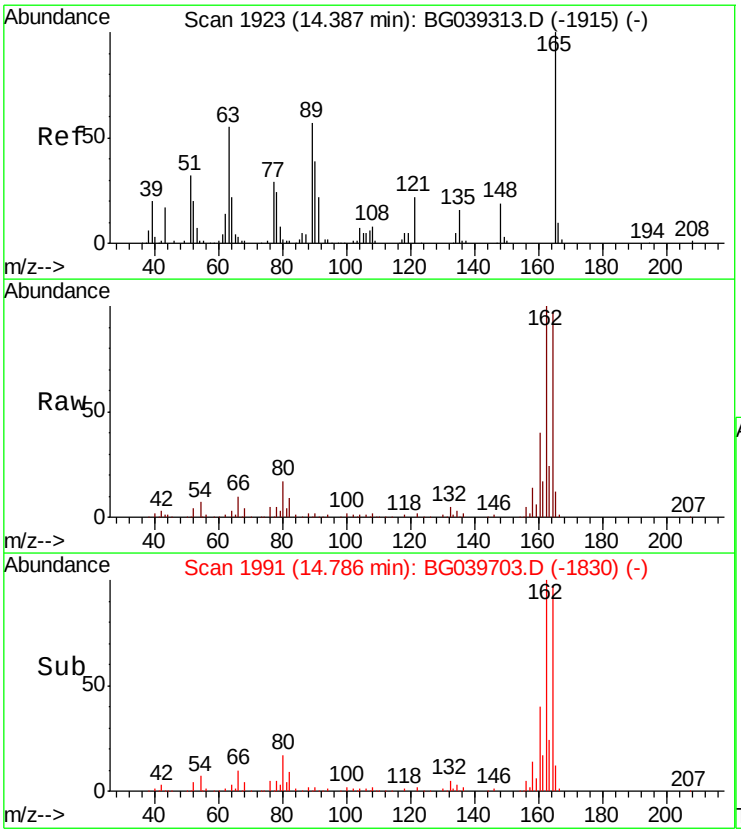
#48
2-Nitroaniline
Concen: 8.790 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.47 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion: 65 Resp: 1455

Ion	Ratio	Lower	Upper
65	100		
92	197.3	51.4	77.2#
138	24.2	71.4	107.2#

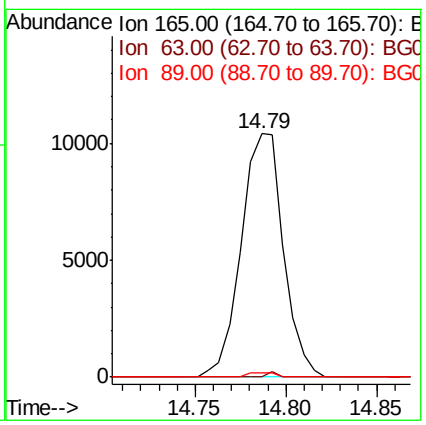


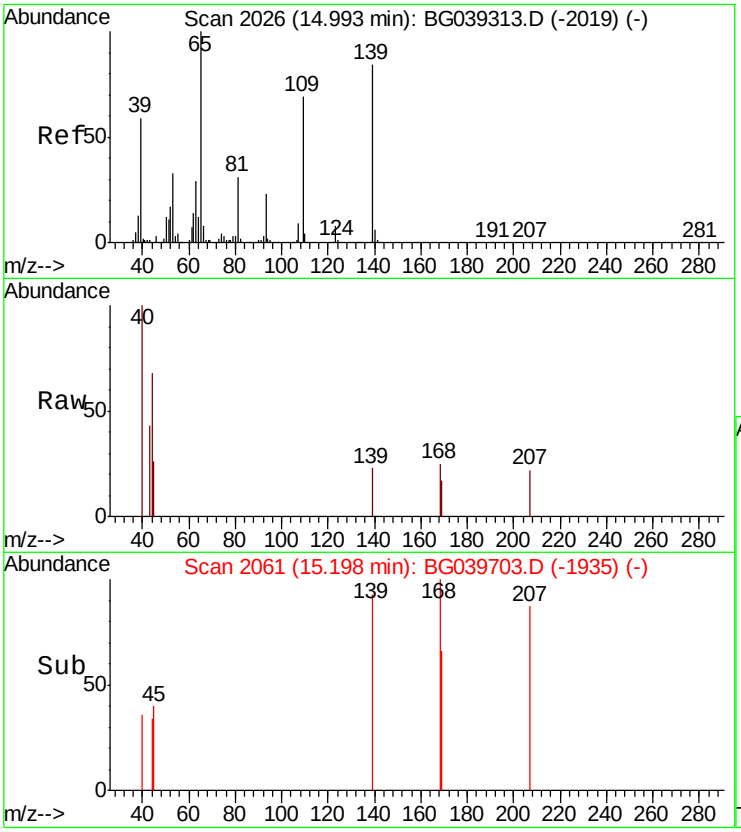


#51
2,6-Dinitrotoluene
Concen: 13.687 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.42 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:165 Resp: 16885

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.5	45.8	68.8#



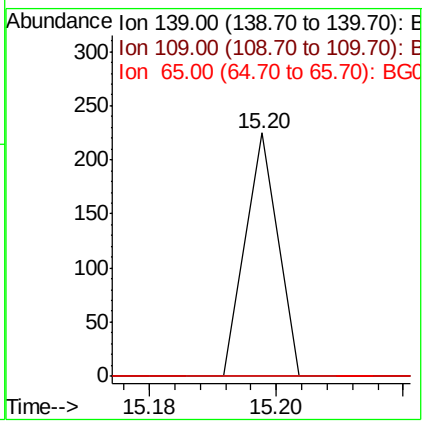


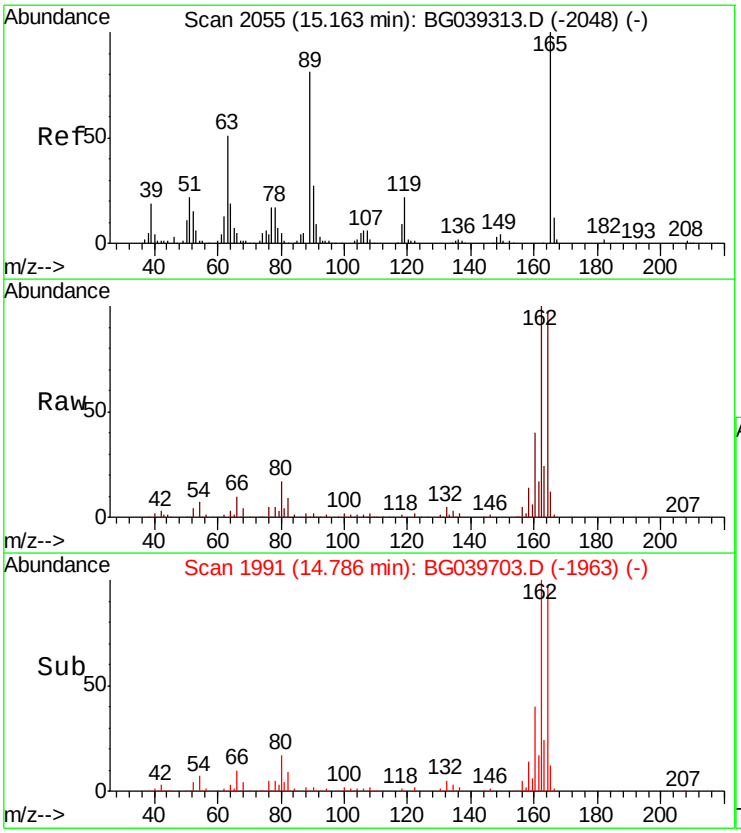
#56
4-Nitrophenol
Concen: 5.831 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.21 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:139 Resp: 79

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

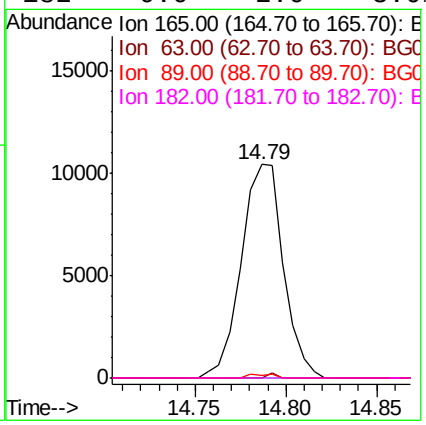


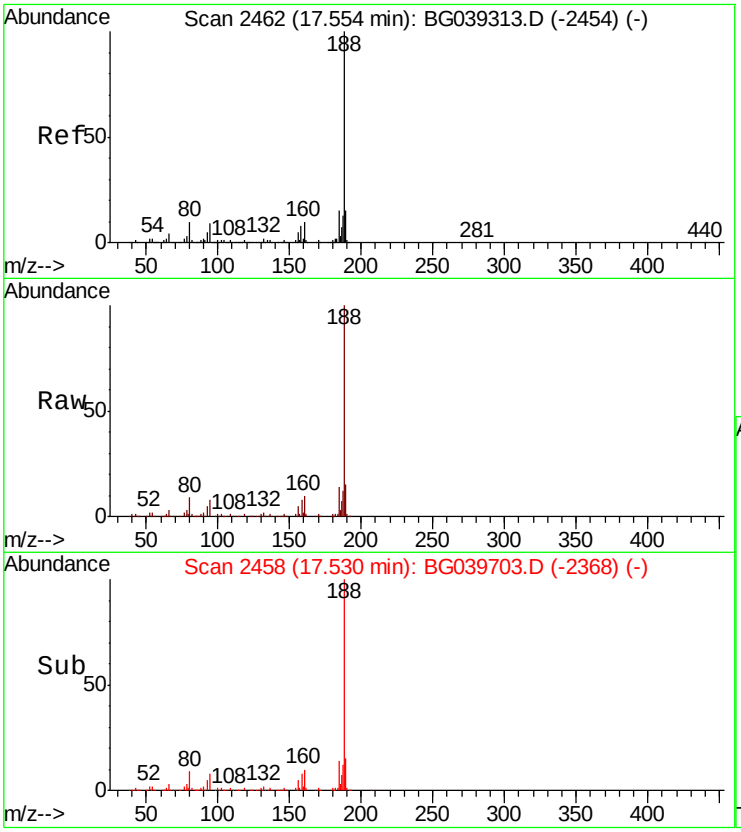


#57
2,4-Dinitrotoluene
Concen: 13.220 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:165 Resp: 16885

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.5	64.6	96.8#
182	0.0	2.0	3.0#



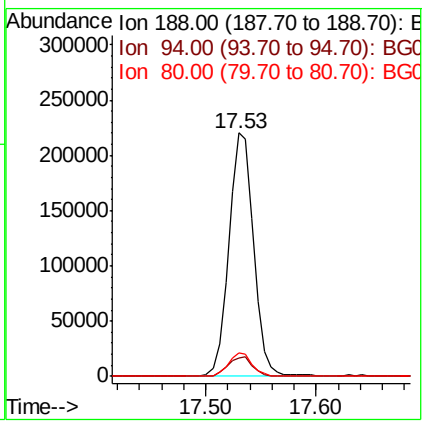


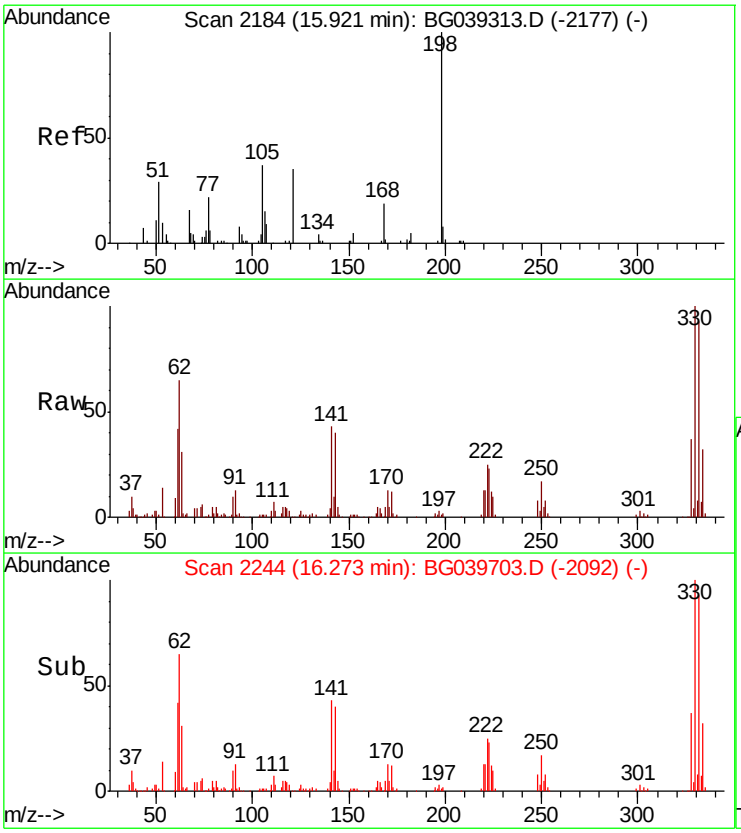
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:188 Resp: 345118

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.4	8.1	12.1

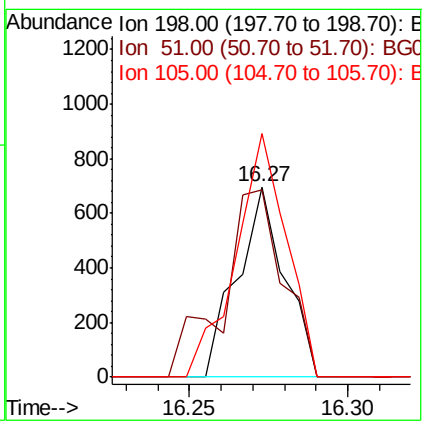


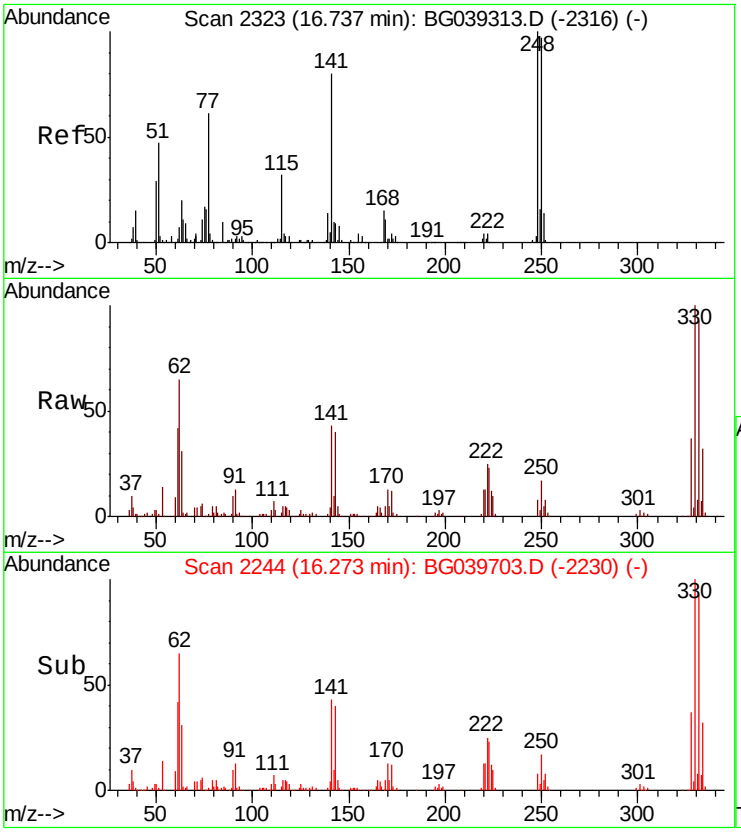


#65
4,6-Dinitro-2-methylphenol
Concen: 4.846 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.37 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:198 Resp: 722

Ion	Ratio	Lower	Upper
198	100		
51	98.1	27.4	67.4#
105	128.0	19.7	59.7#



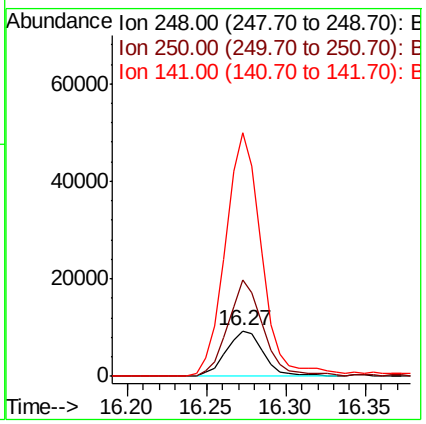


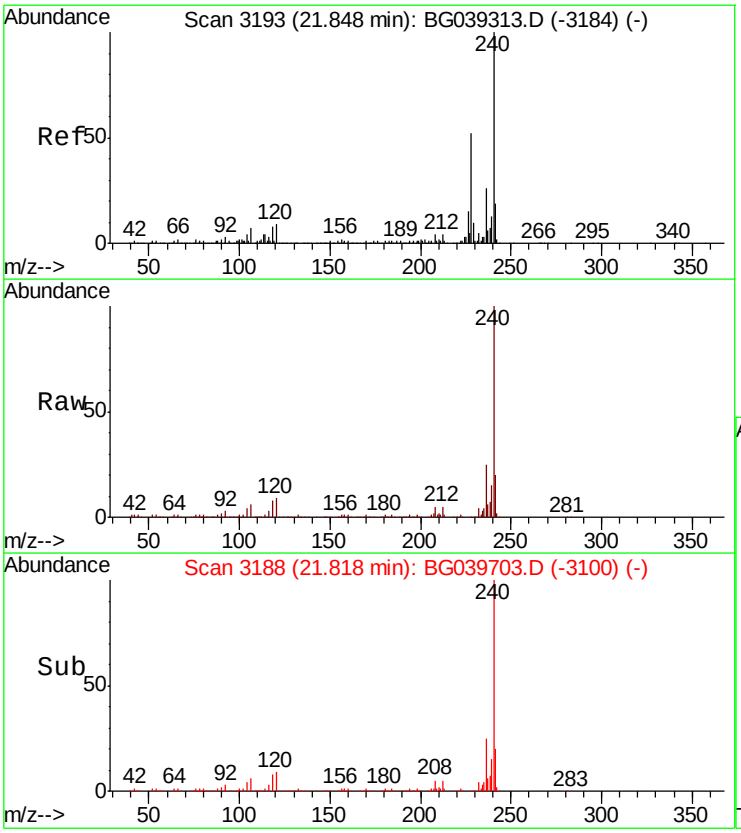
#67
4-Bromophenyl-phenylether
Concen: 4.000 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.44 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:248 Resp: 15315

Ion	Ratio	Lower	Upper
248	100		
250	209.9	77.6	116.4#
141	531.6	63.9	95.9#

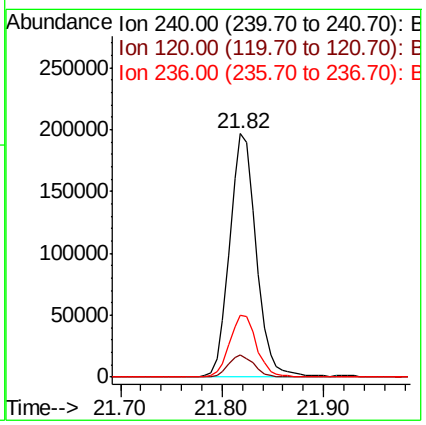


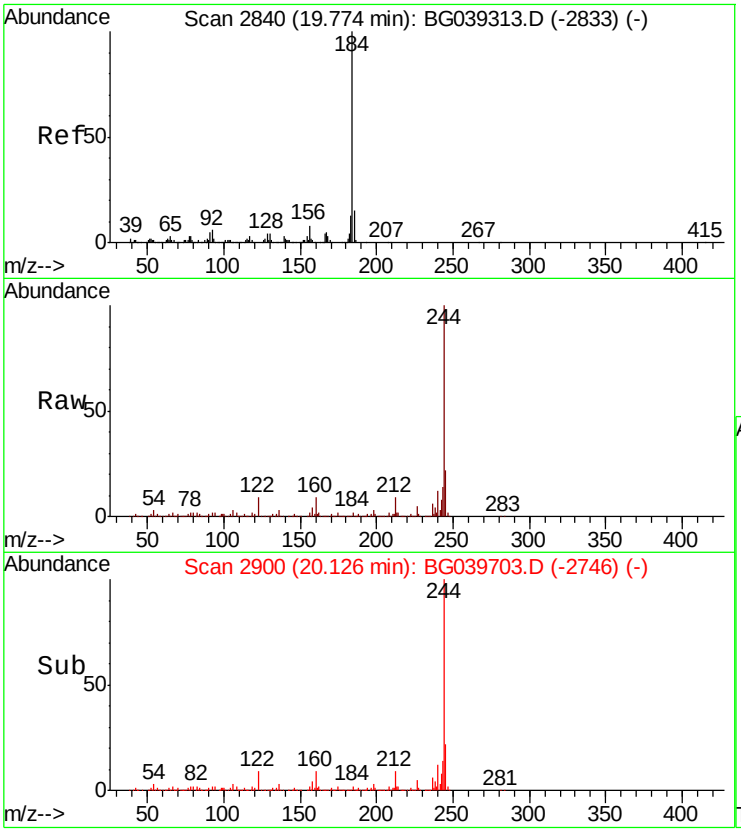


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:240 Resp: 358534

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	25.5	21.0	31.4



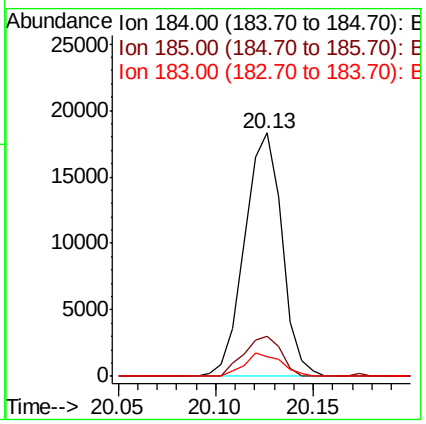


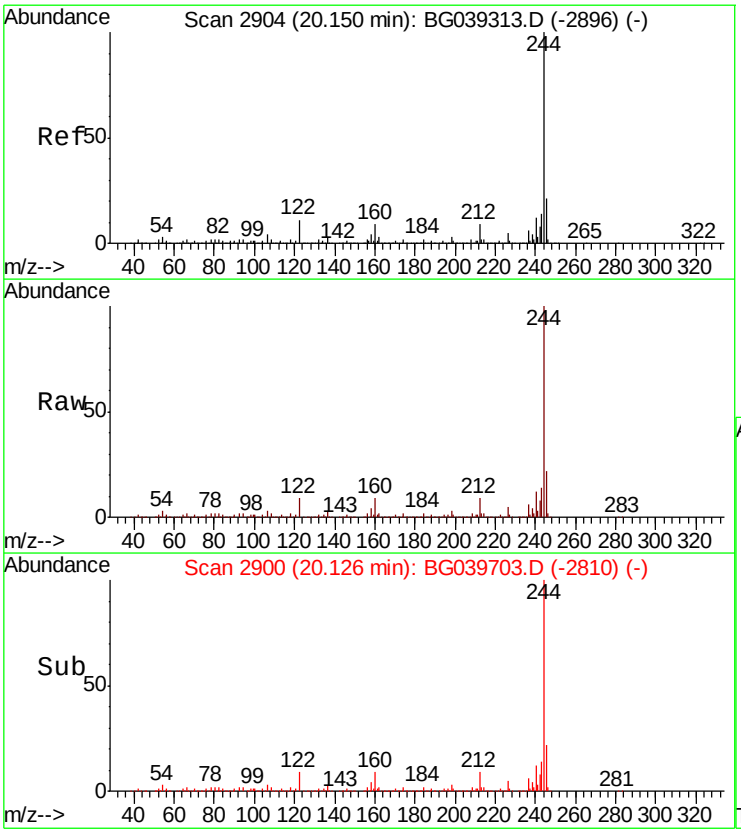
#77
Benzidine
Concen: 2.063 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:184 Resp: 24249

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	8.0	10.6	15.8#

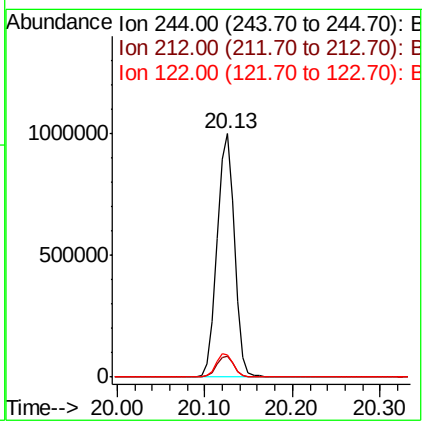


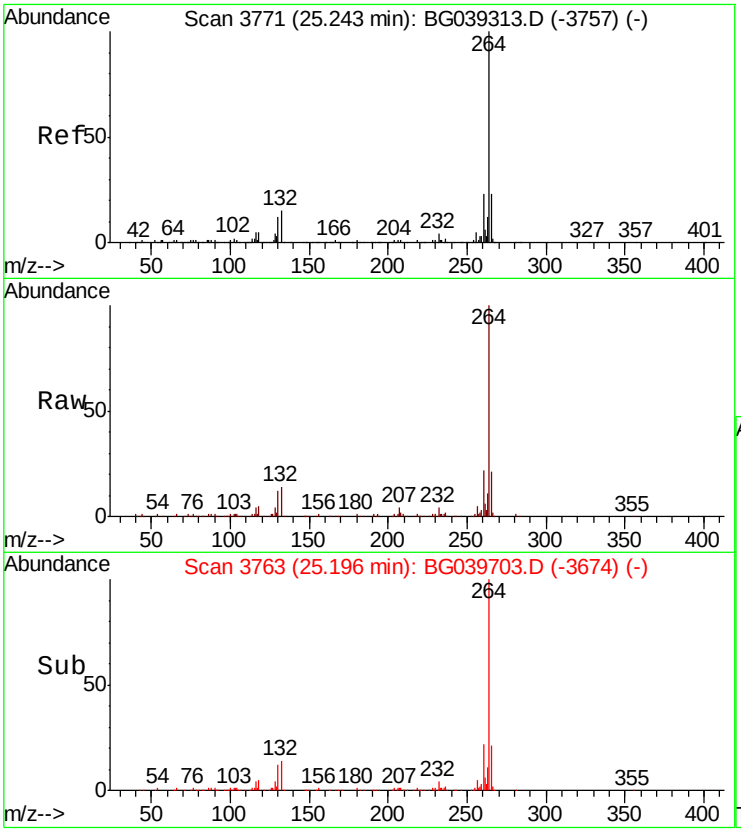


#79
Terphenyl-d14
Concen: 81.789 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Tgt Ion:244 Resp: 1385382

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	9.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG039703.D
Acq: 2 Mar 2019 1:33

Instrument :
BNA_G
ClientSampleId :
Z-3-11-B

Tgt Ion:264 Resp: 334082

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.1	18.5	27.7