Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039712.D
Acq On : 2 Mar 2019 7:27
Operator : JU/SJ
Sample : K1675-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:01 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	50146	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	216850	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	145514	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	351799	20.00	ng	0.00
76) Chrysene-d12	21.82	240	359881	20.00	ng	0.00
87) Perylene-d12	25.20	264	344816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	404696	138.12	ng	0.00
7) Phenol-d6	7.31	99	548251	127.12	ng	0.00
23) Nitrobenzene-d5	9.34	82	385100	110.94	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	216690	138.29	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	916681	90.37	ng	0.00
79) Terphenyl-d14	20.12	244	1471078	86.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	930	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	50254	16.417	ng	# 64
48) 2-Nitroaniline	13.41	65	1816	8.870	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	19073	14.056	ng	# 22
57) 2,4-Dinitrotoluene	14.79	165	19073	13.499	ng	# 17
62) 4-Nitroaniline	16.28	138	56	4.223	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.27	198	689	4.803	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	16570	4.246	ng	# 1
77) Benzidine	20.13	184	26692	2.262	ng	# 95

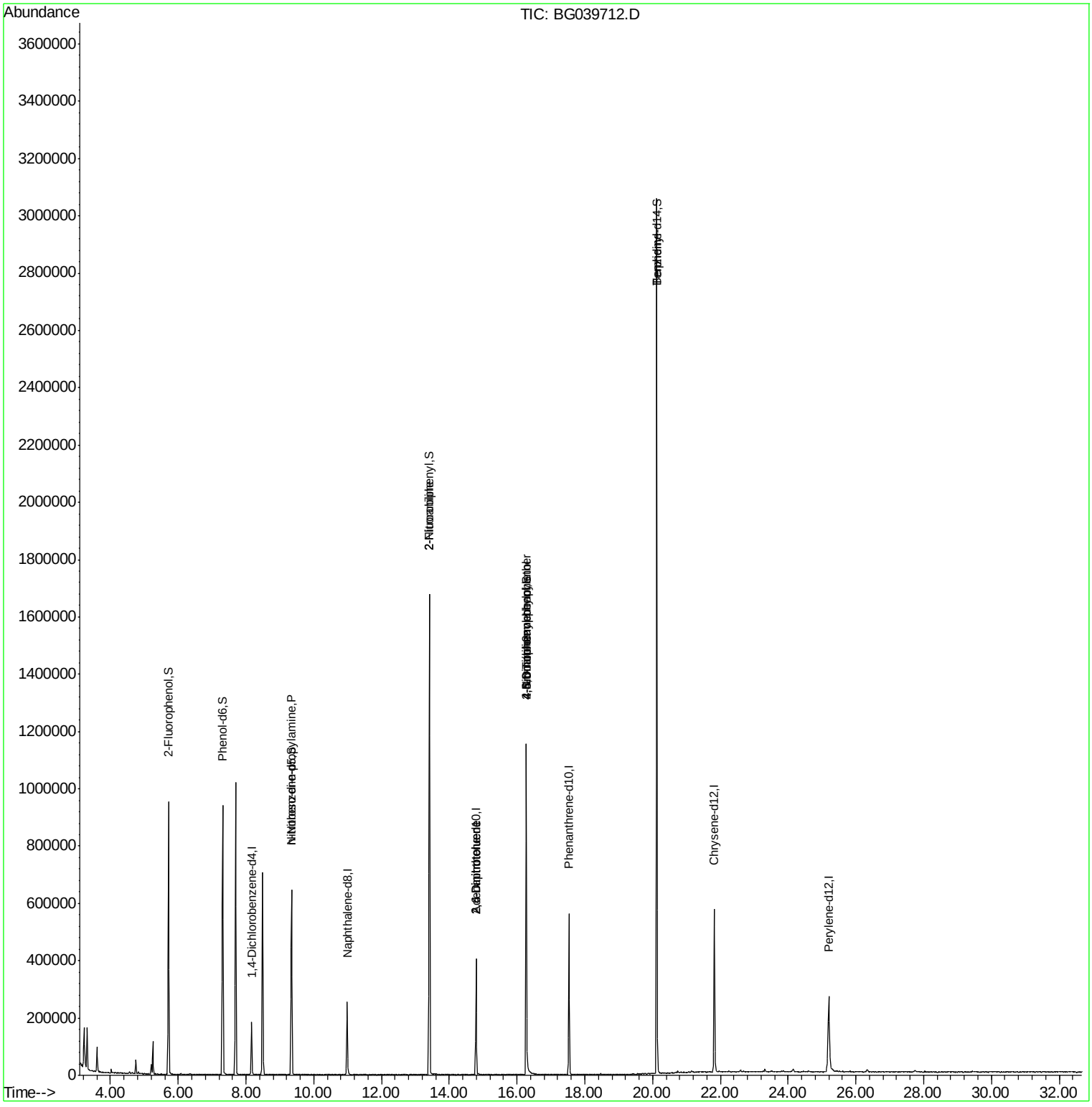
(#) = qualifier out of range (m) = manual integration (+) = signals summed

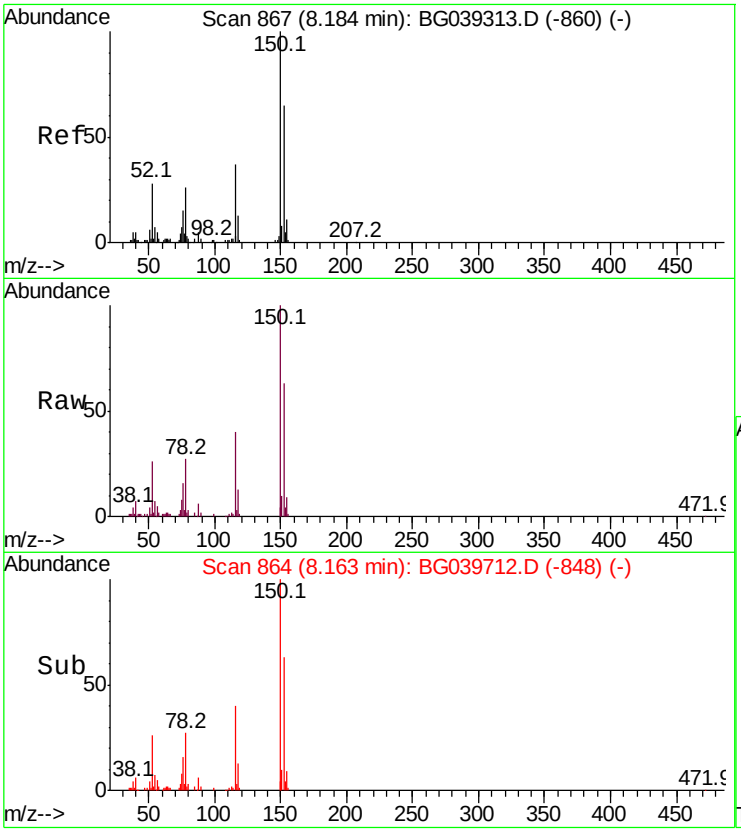
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039712.D
Acq On : 2 Mar 2019 7:27
Operator : JU/SJ
Sample : K1675-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:01 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



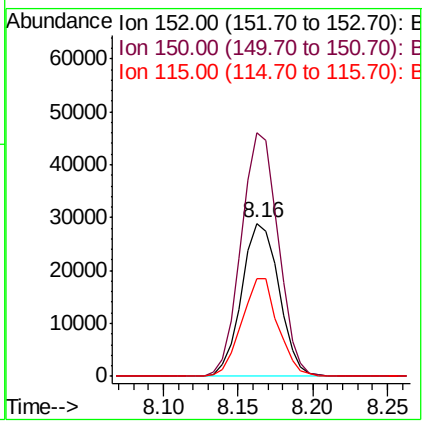


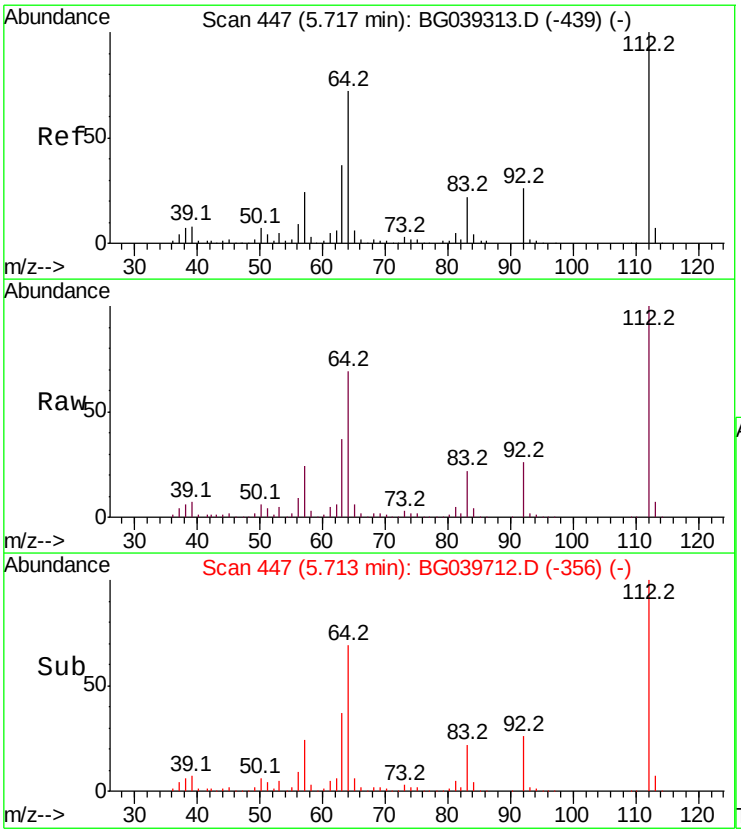
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50146

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.7	185.5
115	64.0	45.9	68.9

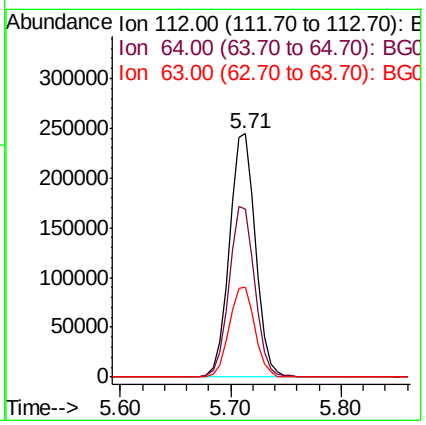


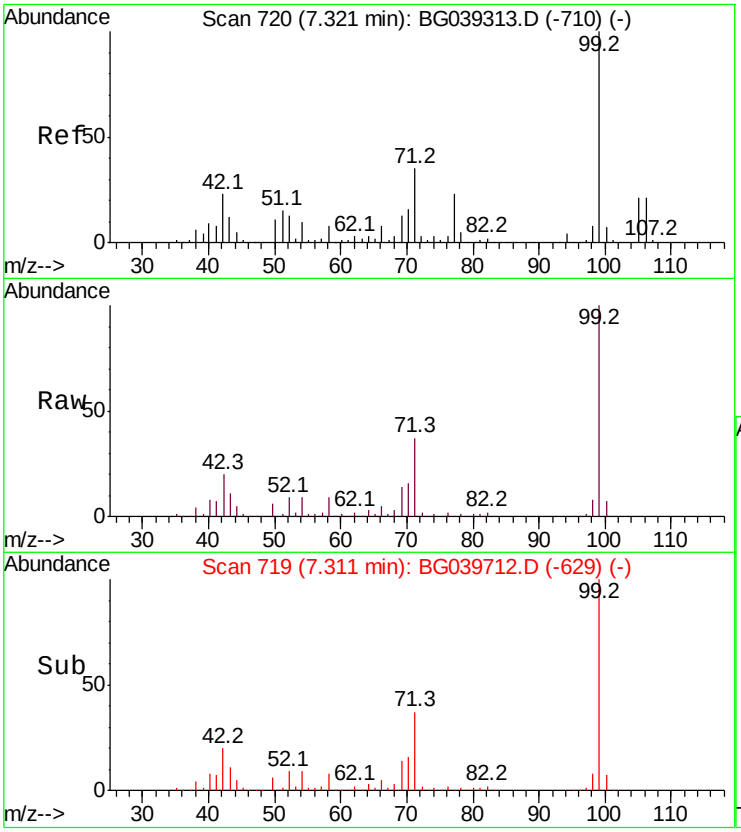


#5
2-Fluorophenol
Concen: 138.125 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:112 Resp: 404696

Ion	Ratio	Lower	Upper
112	100		
64	68.9	57.8	86.8
63	37.0	29.8	44.6



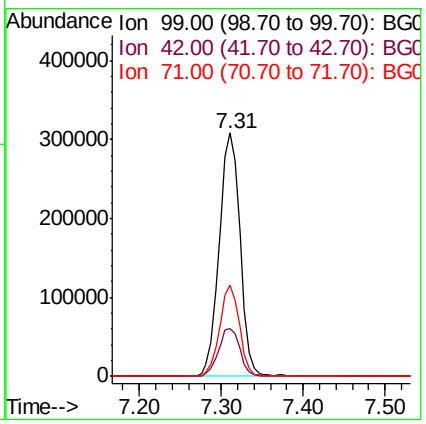


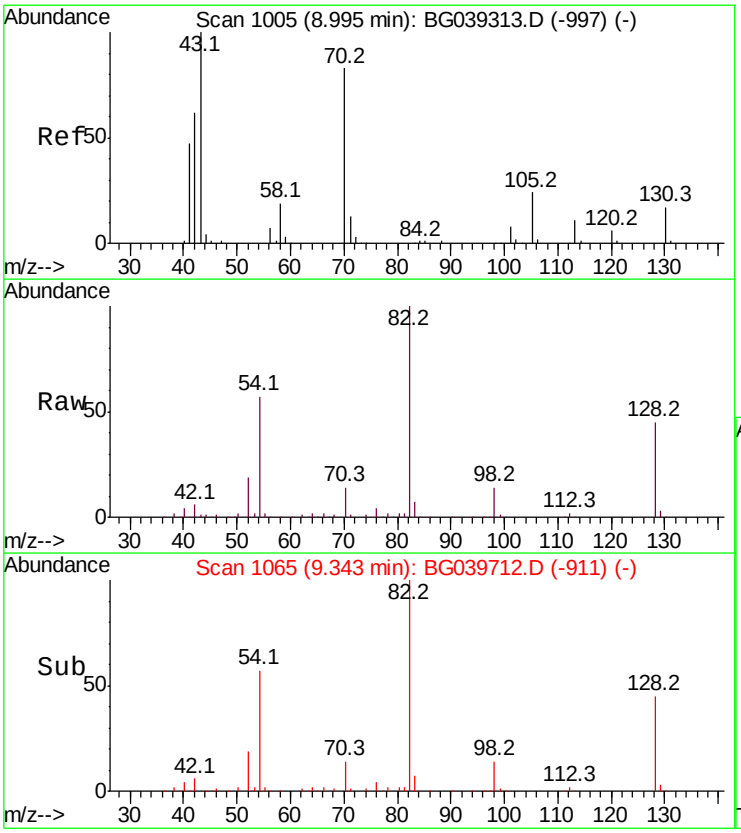
#7
Phenol-d6
Concen: 127.123 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 548251

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	37.4	28.0	42.0

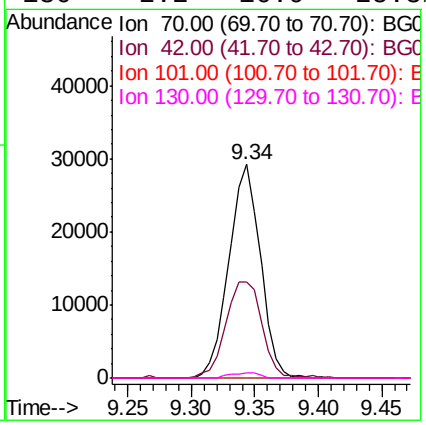


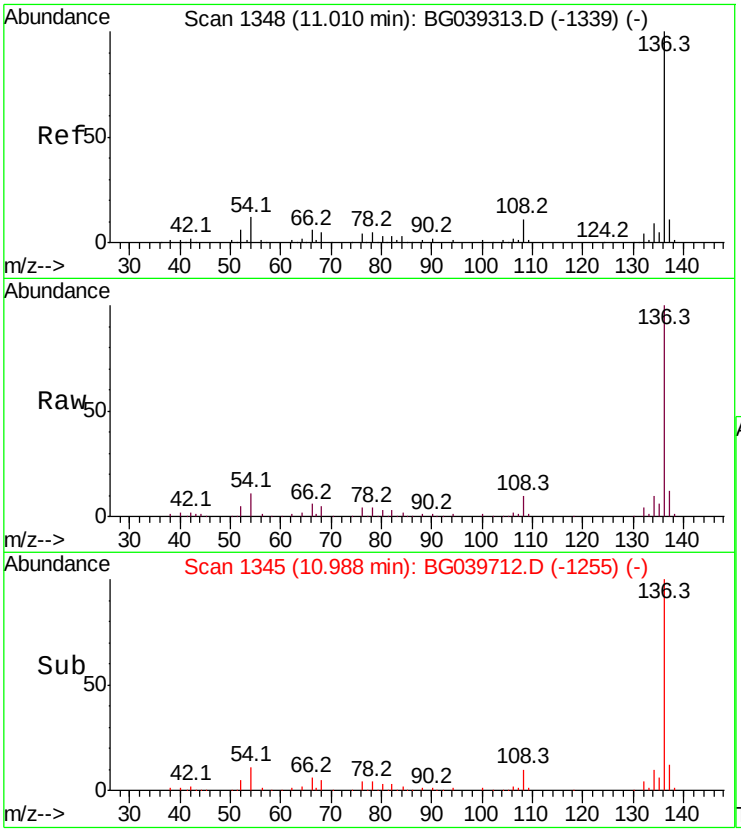


#19
n-Nitroso-di-n-propylamine
Concen: 16.417 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.37 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion: 70 Resp: 50254

Ion	Ratio	Lower	Upper
70	100		
42	44.9	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



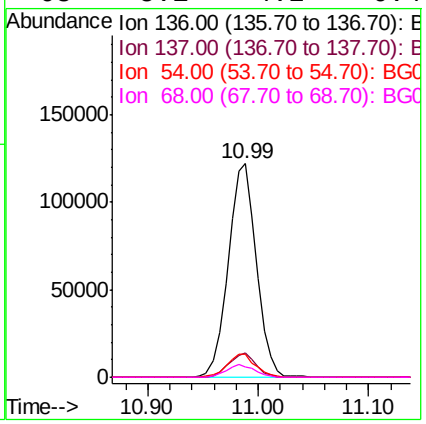


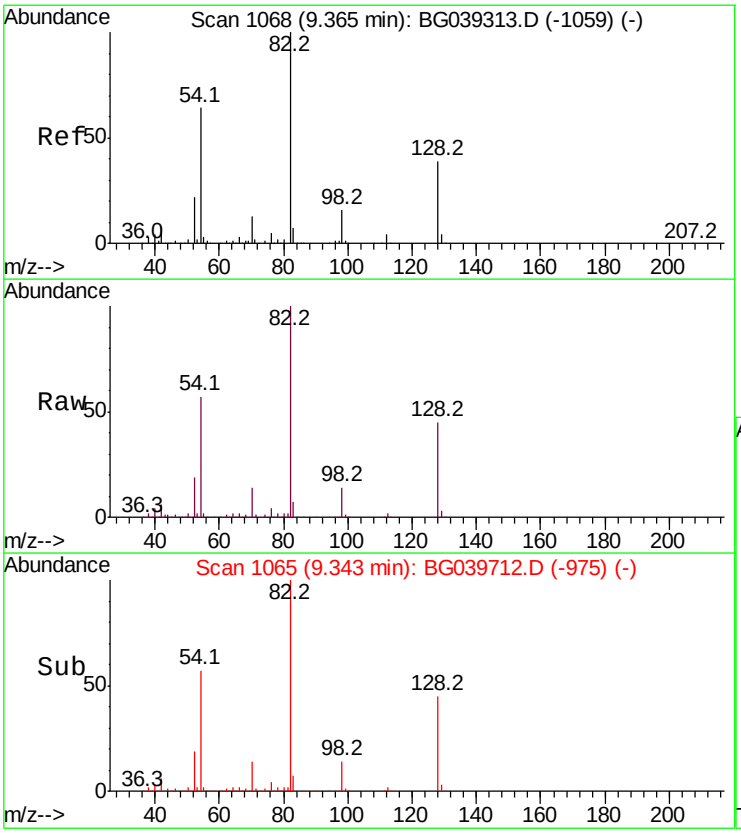
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 216850

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.8	9.4	14.2
68	5.1	4.2	6.4

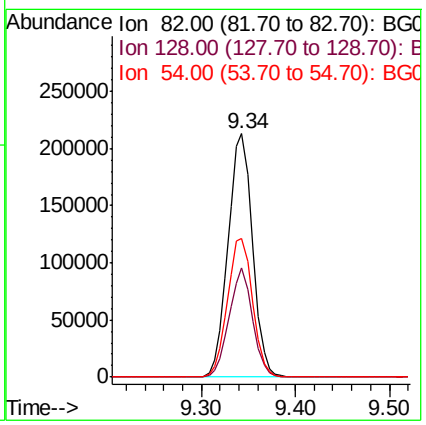


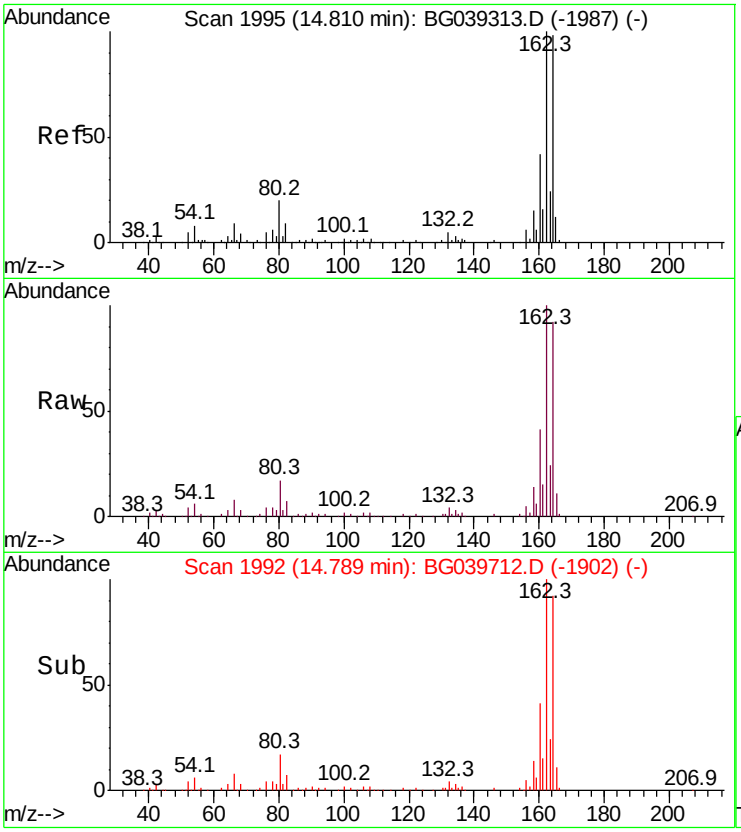


#23
Nitrobenzene-d5
Concen: 110.942 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion: 82 Resp: 385100

Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	57.0	50.9	76.3



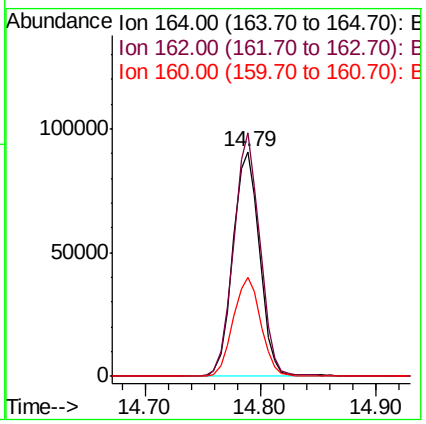


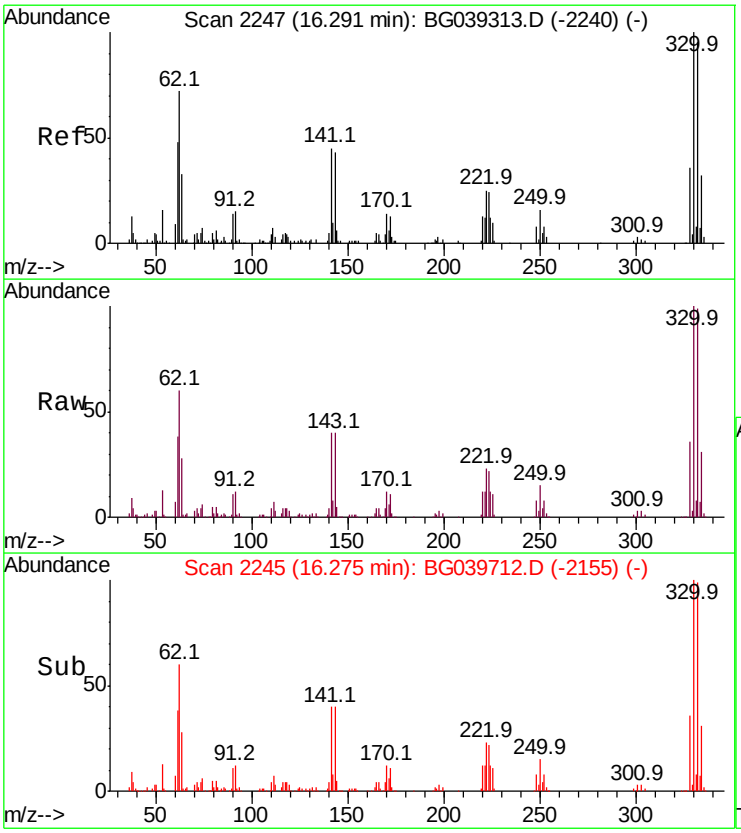
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 145514

Ion	Ratio	Lower	Upper
164	100		
162	108.2	81.6	122.4
160	44.3	34.2	51.2

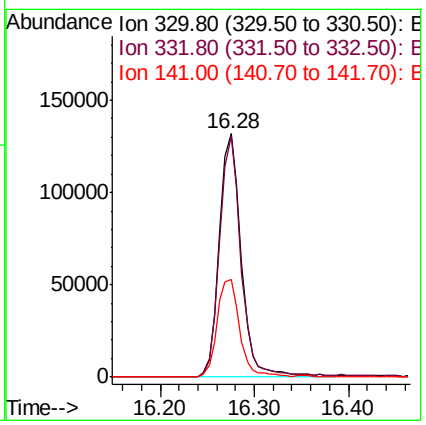


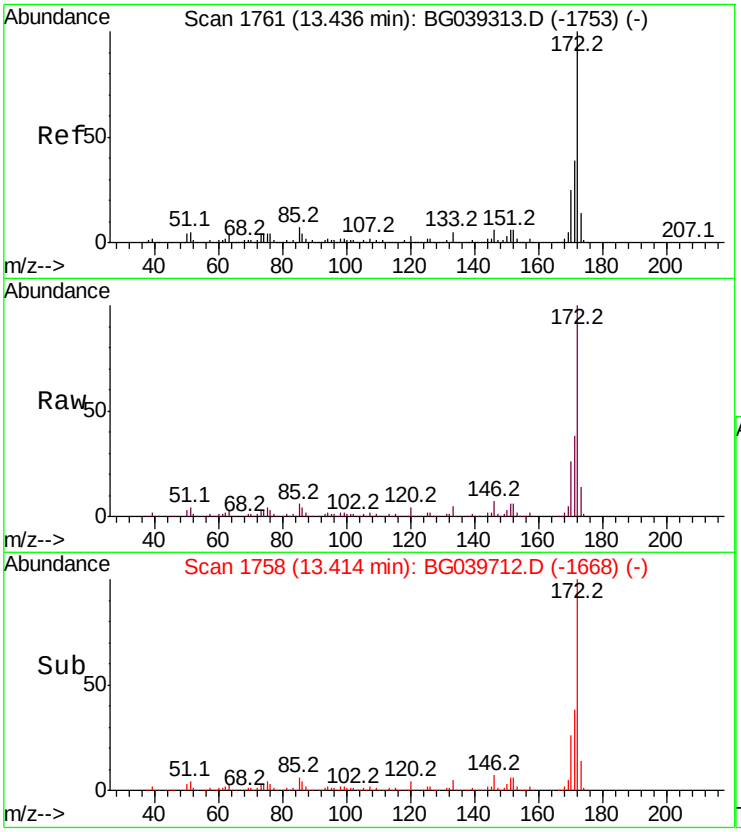


#42
2,4,6-Tribromophenol
Concen: 138.289 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:330 Resp: 216690

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	41.1	35.6	53.4



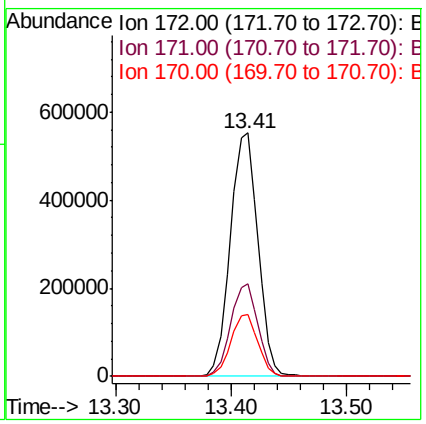


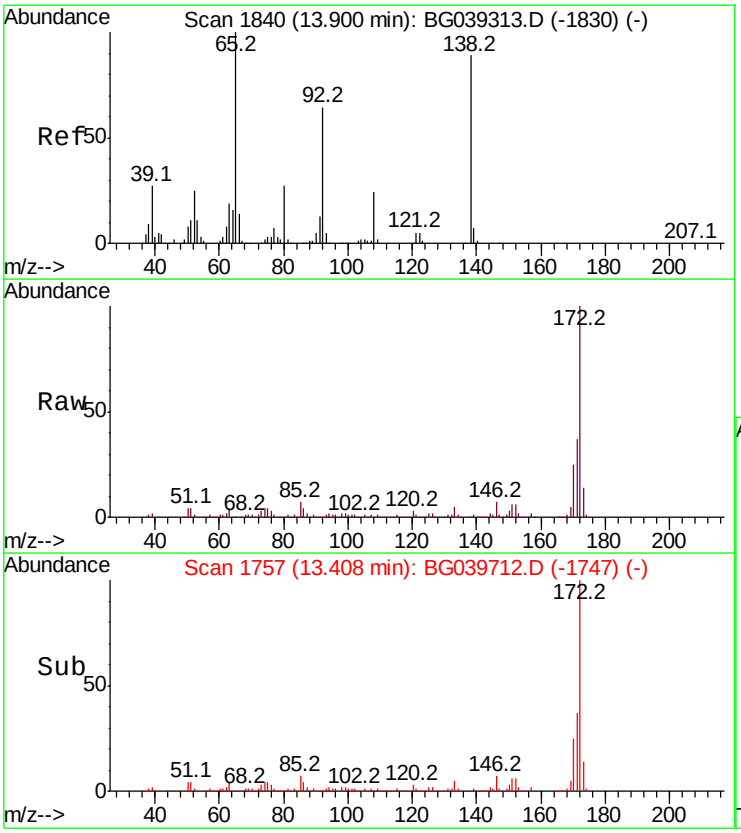
#45
2-Fluorobiphenyl
Concen: 90.371 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 916681

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.6	20.2	30.4

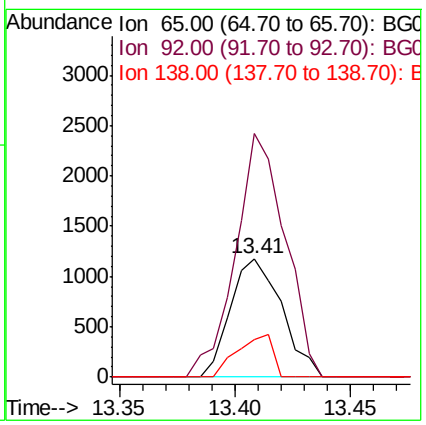


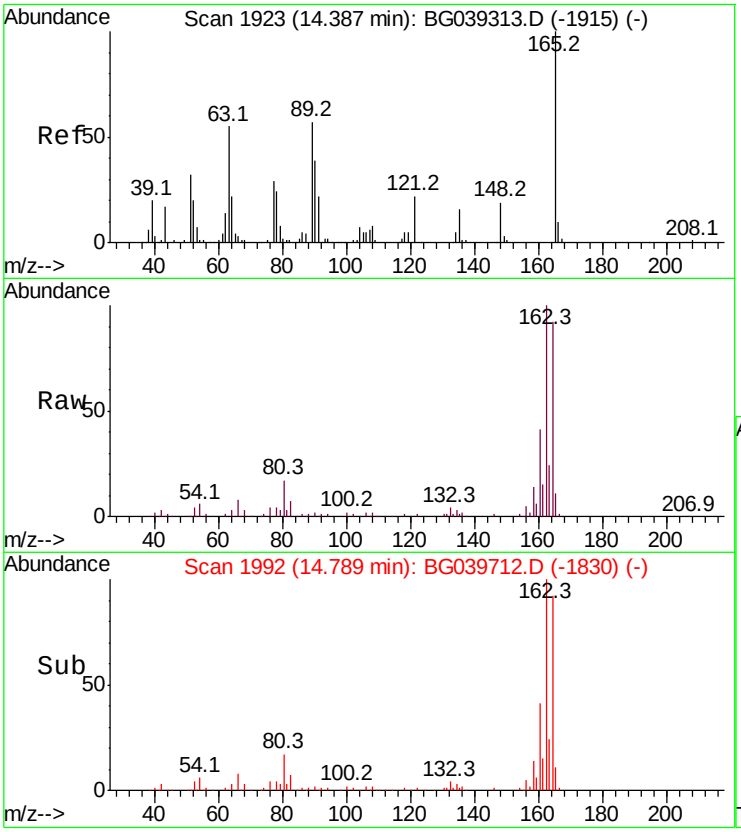


#48
2-Nitroaniline
Concen: 8.870 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion: 65 Resp: 1816

Ion	Ratio	Lower	Upper
65	100		
92	205.1	51.4	77.2#
138	31.9	71.4	107.2#



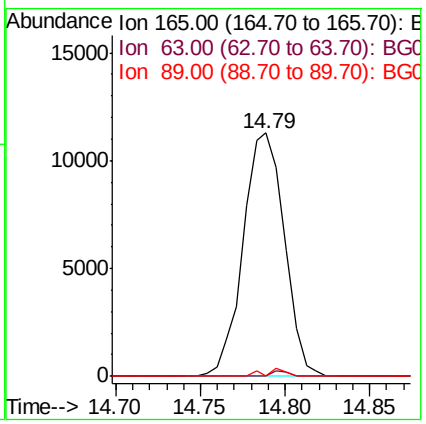


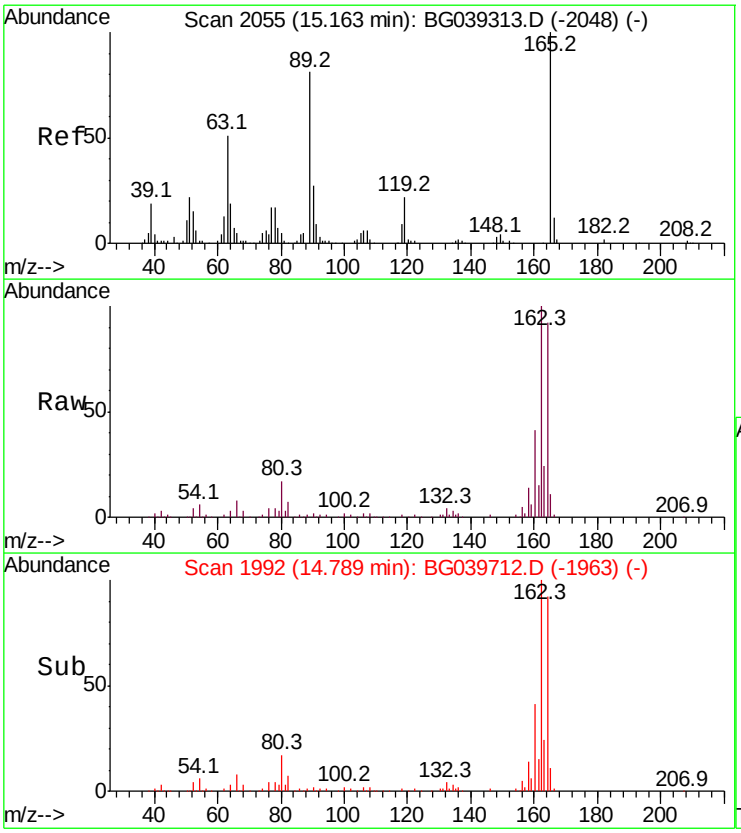
#51
2,6-Dinitrotoluene
Concen: 14.056 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.42 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19073

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

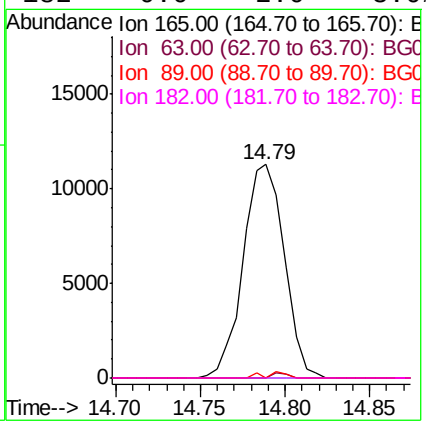


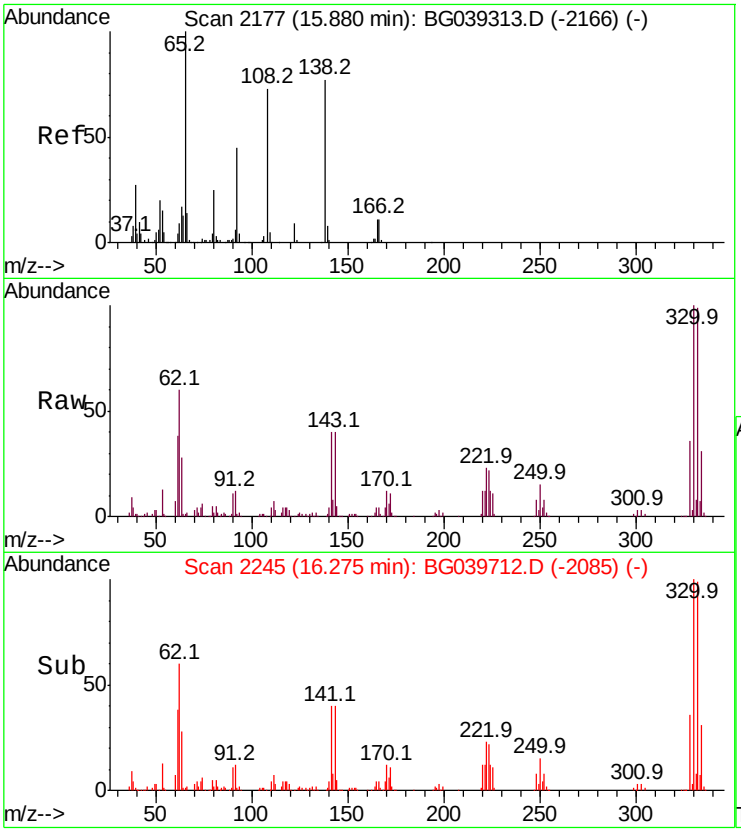


#57
2,4-Dinitrotoluene
Concen: 13.499 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.36 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:165 Resp: 19073

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#



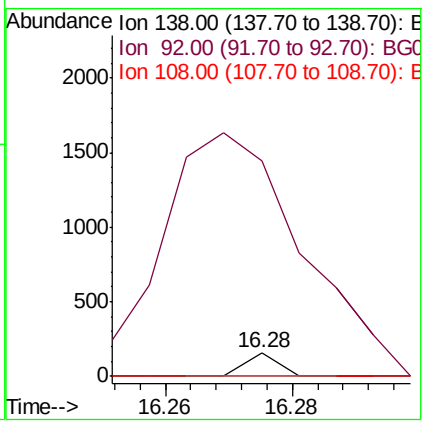


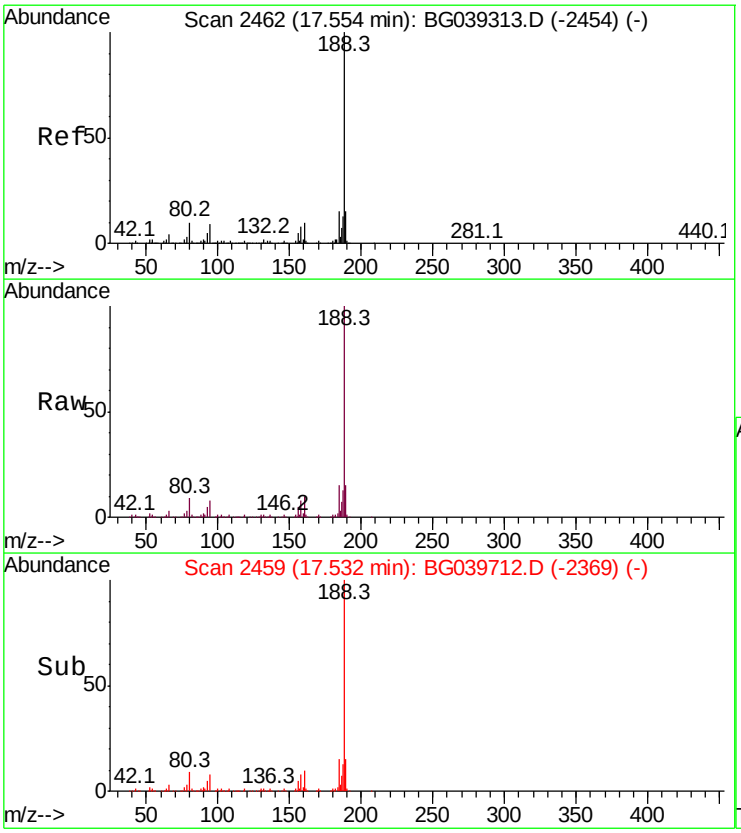
#62
4-Nitroaniline
Concen: 4.223 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.41 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 56

Ion	Ratio	Lower	Upper
138	100		
92	909.4	38.7	78.7#
108	0.0	74.6	114.6#

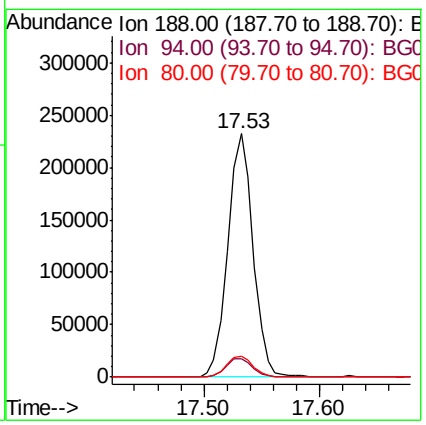


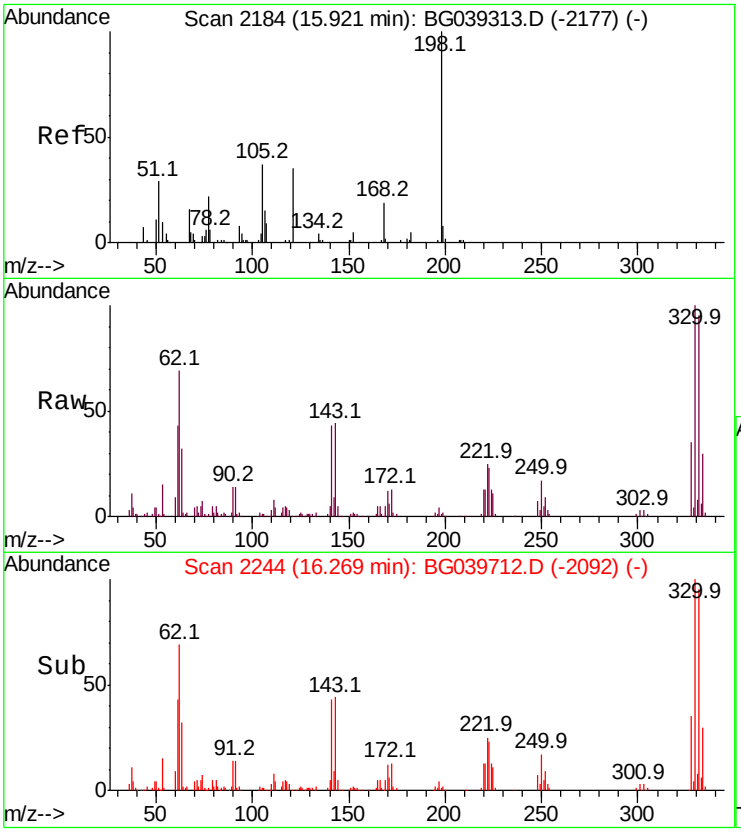


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:188 Resp: 351799

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.5	8.1	12.1



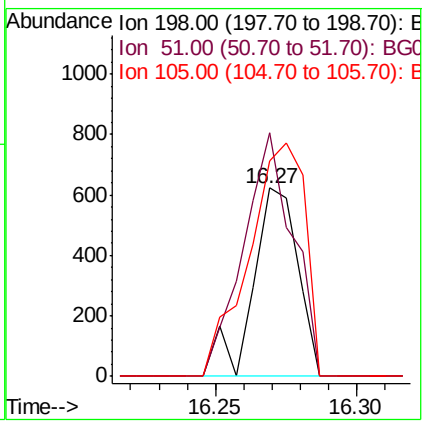


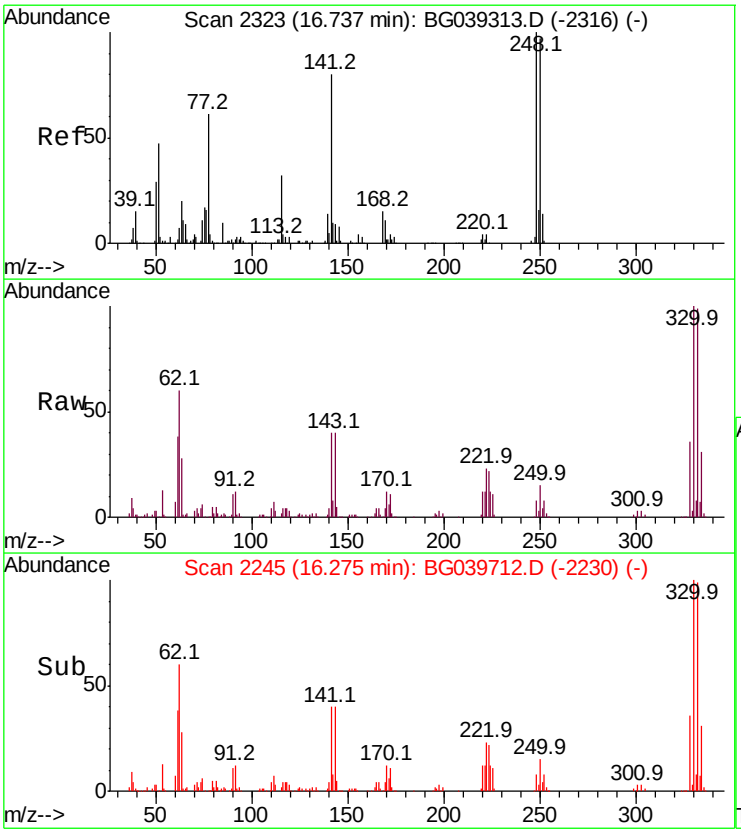
#65
4,6-Dinitro-2-methylphenol
Concen: 4.803 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.36 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 689

Ion	Ratio	Lower	Upper
198	100		
51	129.2	27.4	67.4#
105	113.9	19.7	59.7#

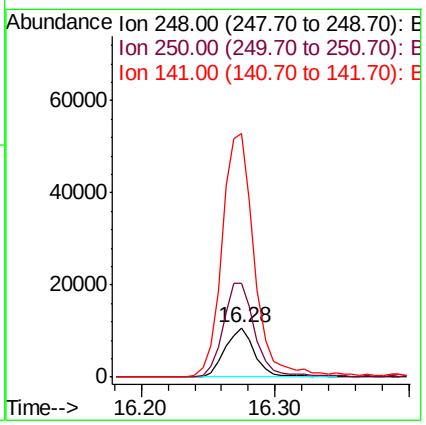


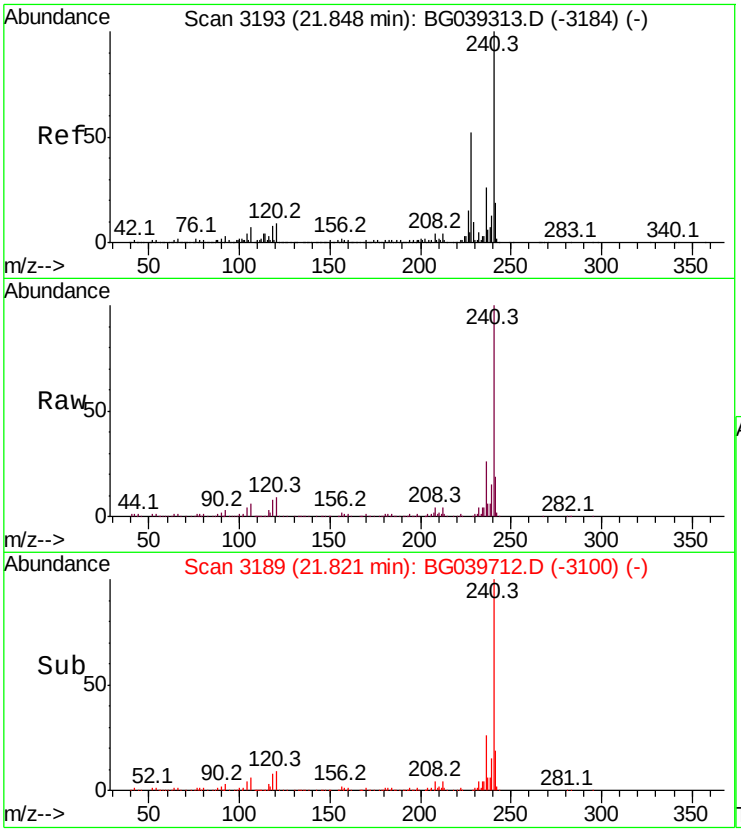


#67
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:248 Resp: 16570

Ion	Ratio	Lower	Upper
248	100		
250	191.6	77.6	116.4#
141	496.4	63.9	95.9#



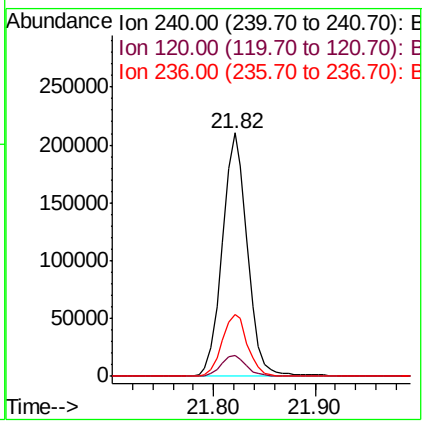


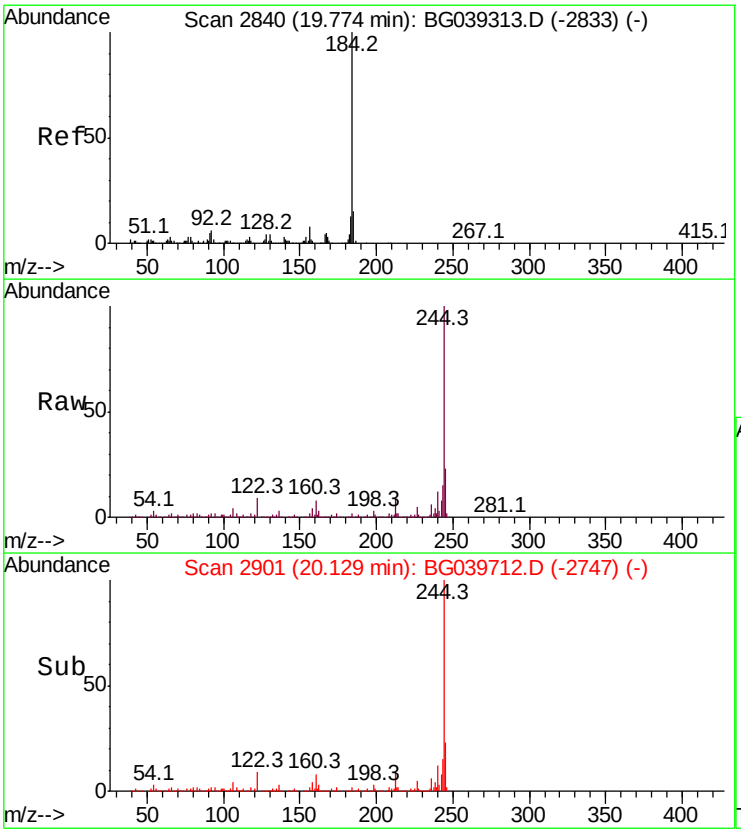
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 359881

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.6	21.0	31.4

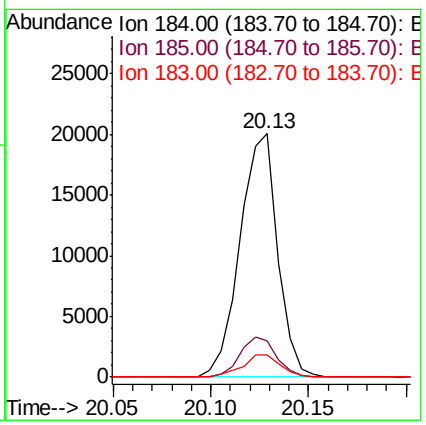


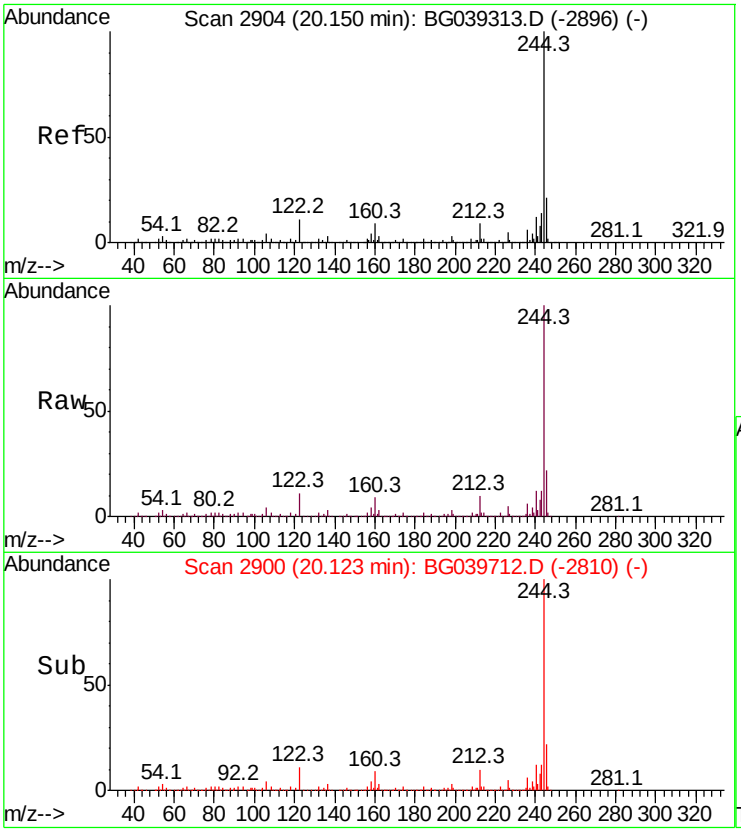


#77
Benzidine
Concen: 2.262 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.37 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:184 Resp: 26692

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	9.2	10.6	15.8#



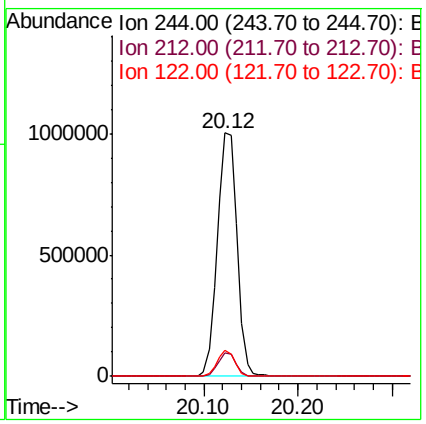


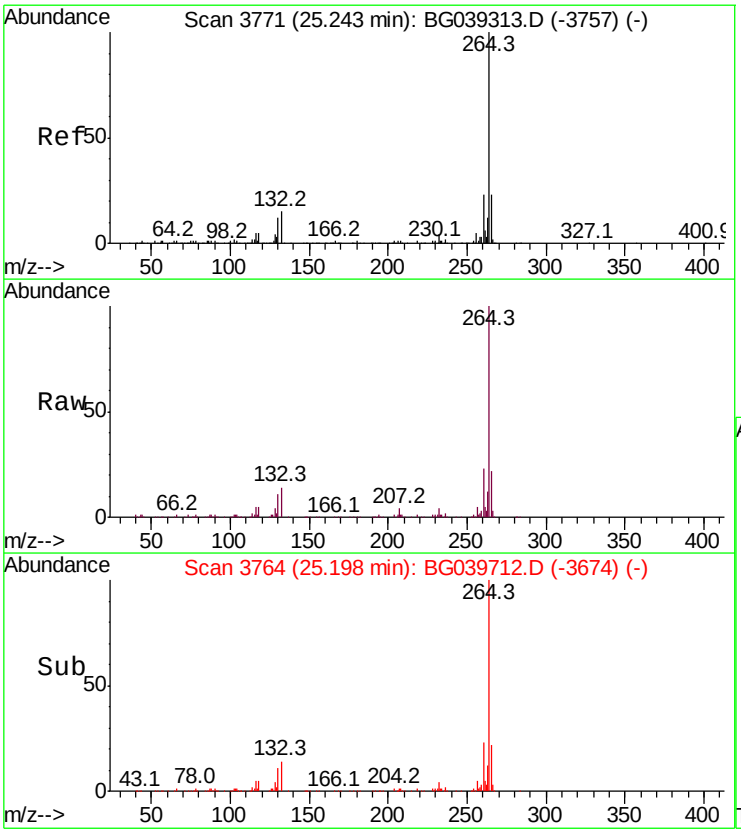
#79
Terphenyl-d14
Concen: 86.523 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039712.D
Acq: 2 Mar 2019 7:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1471078

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.7	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: BG039712.D
Acq: 2 Mar 2019 7:27

Tgt Ion:264 Resp: 344816

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.9	18.5	27.7