Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012119\
Data File : BG039241.D
Acq On : 21 Jan 2019 19:59
Operator : JU/SJ
Sample : K1015-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-011719-B

Quant Time: Jan 22 00:04:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14539	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	54848	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	42194	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	111471	20.00	ng		0.00
76) Chrysene-d12	21.67	240	118884	20.00	ng		-0.02
87) Perylene-d12	24.93	264	124392	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	92646	120.88	ng		0.00
7) Phenol-d6	7.17	99	116033	105.20	ng		0.00
23) Nitrobenzene-d5	9.19	82	92208	91.99	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	97891	138.40	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	269466	87.40	ng		0.00
79) Terphenyl-d14	20.00	244	554572	86.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	12209	16.856	ng	#	69
31) Naphthalene	10.87	128	6590	2.396	ng		99
51) 2,6-Dinitrotoluene	14.64	165	5745	7.207	ng	#	24
57) 2,4-Dinitrotoluene	14.64	165	5745	5.023	ng	#	26
67) 4-Bromophenyl-phenylether	16.14	248	6380	4.452	ng	#	1
77) Benzidine	20.00	184	8801	2.420	ng	#	91

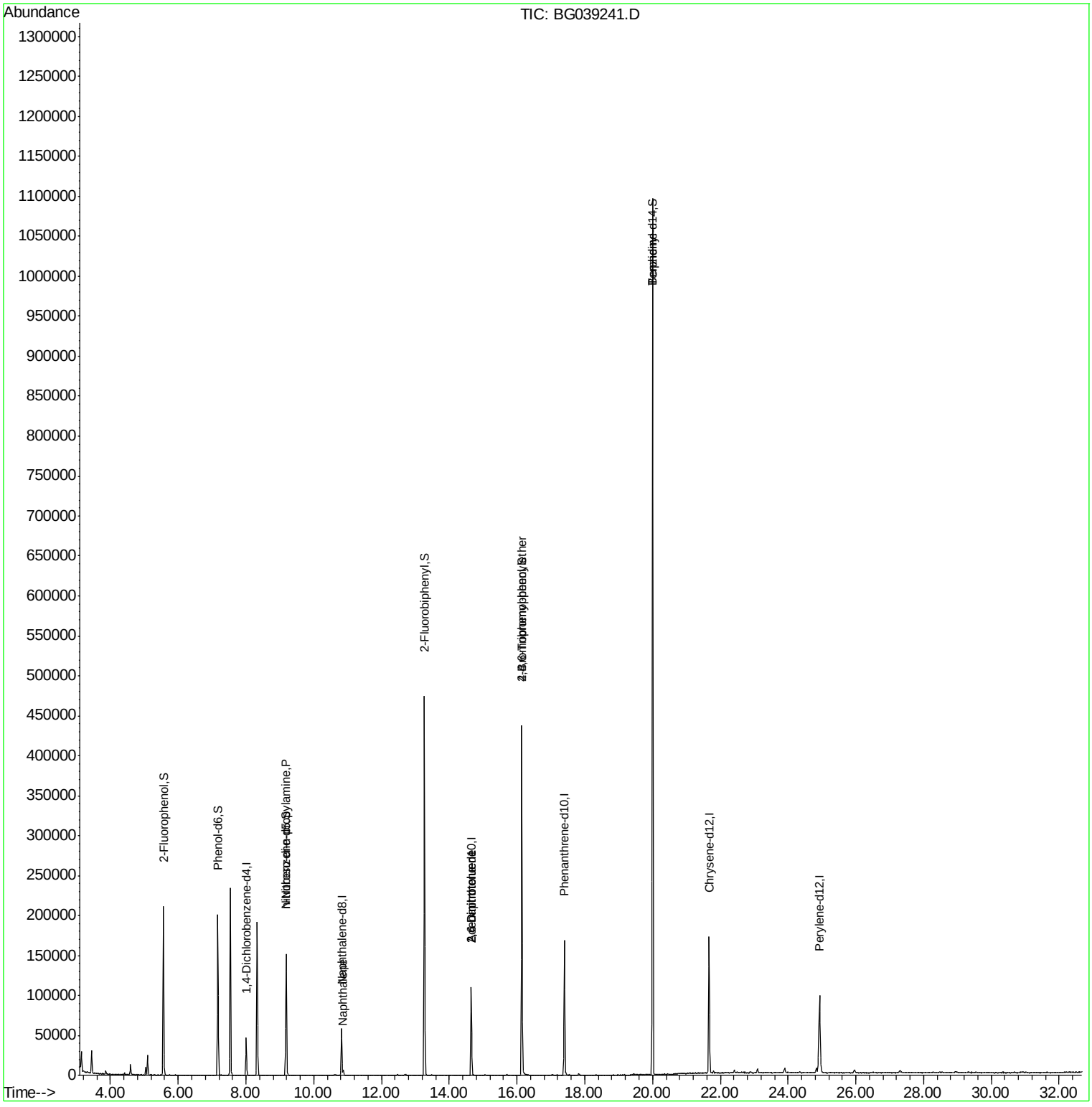
(#) = qualifier out of range (m) = manual integration (+) = signals summed

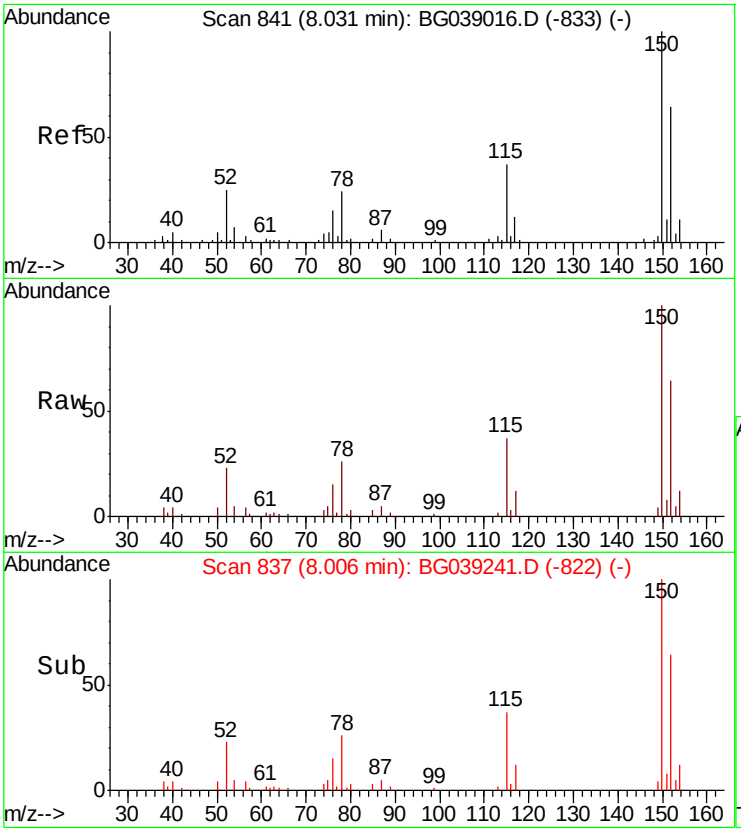
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012119\
Data File : BG039241.D
Acq On : 21 Jan 2019 19:59
Operator : JU/SJ
Sample : K1015-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Quant Time: Jan 22 00:04:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



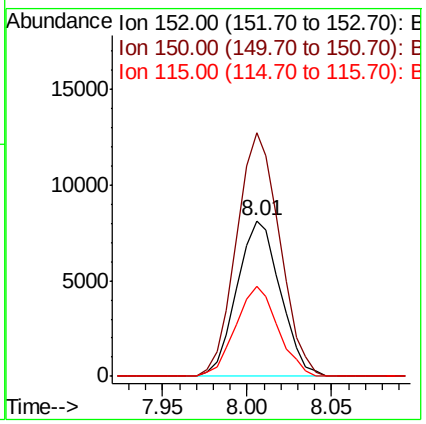


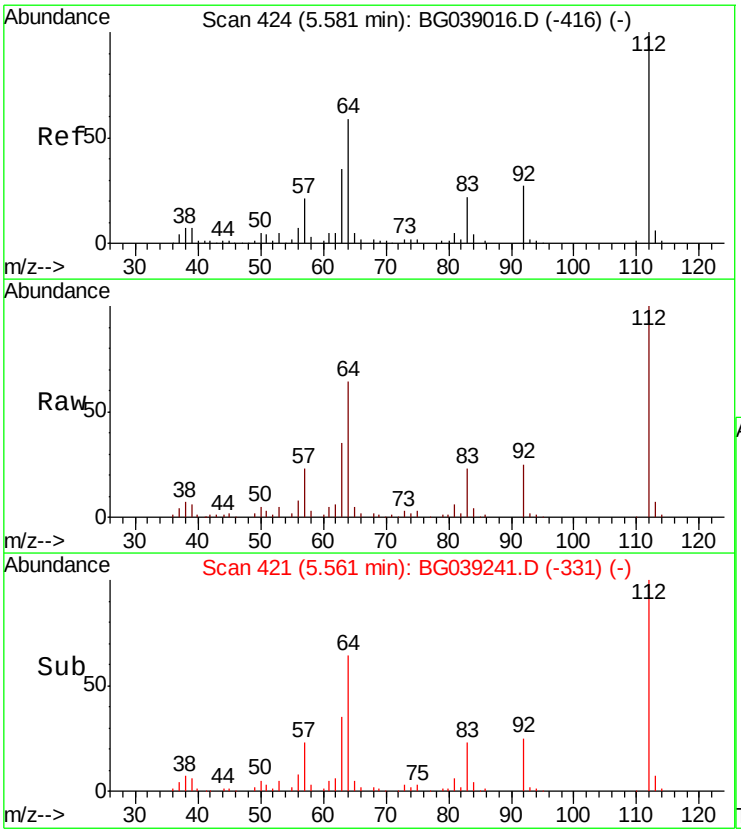
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:152 Resp: 14539

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.7	187.1
115	57.7	46.5	69.7

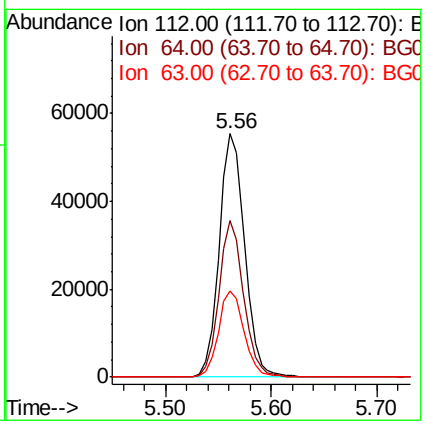


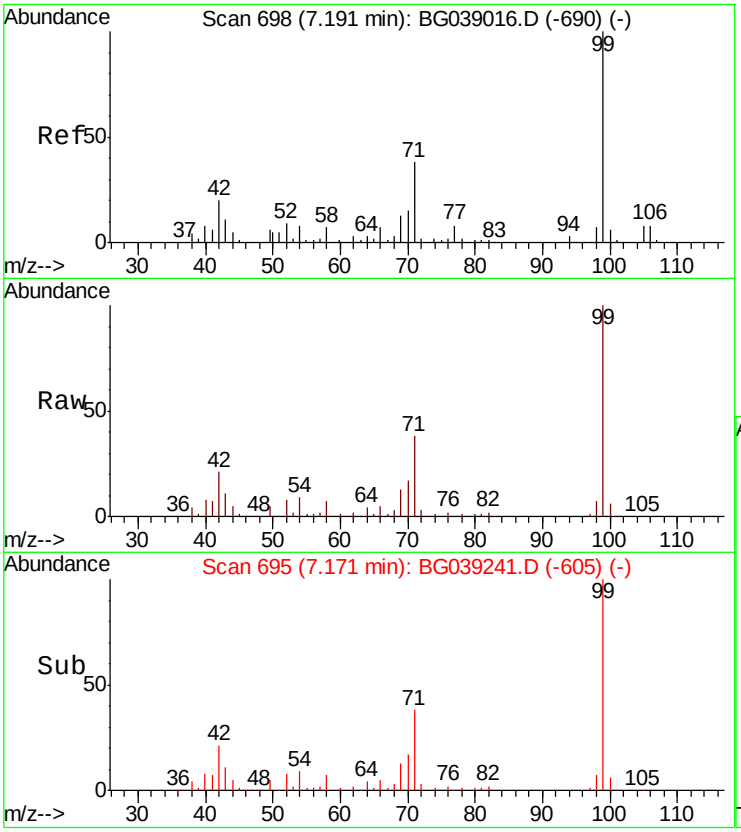


#5
2-Fluorophenol
Concen: 120.880 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:112 Resp: 92646

Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.0	70.6
63	35.1	28.0	42.0



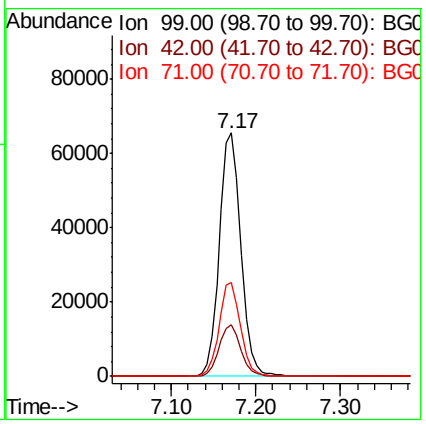


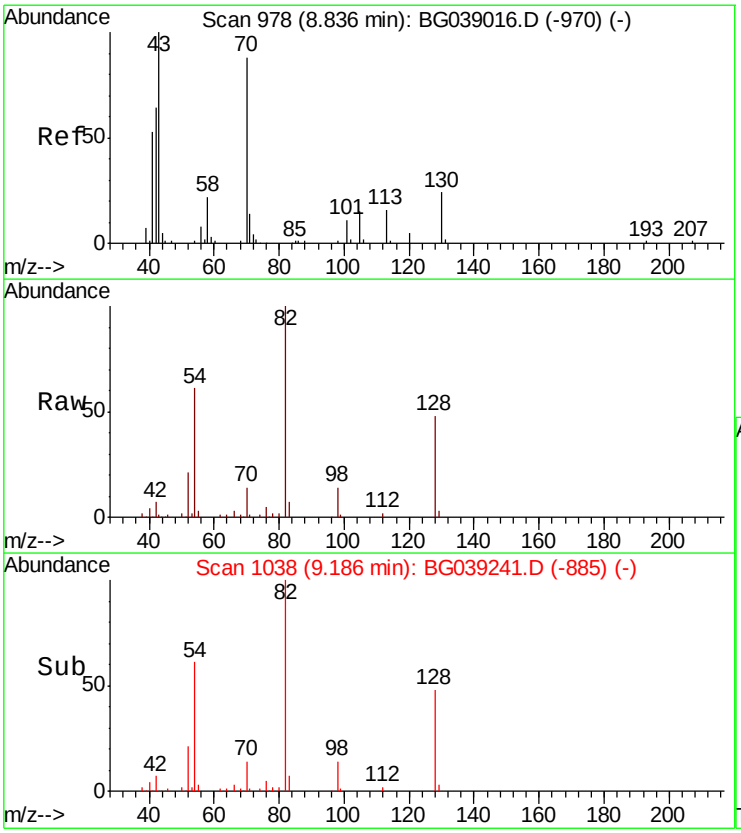
#7
Phenol-d6
Concen: 105.199 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion: 99 Resp: 116033

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.8	23.6
71	38.3	30.2	45.4

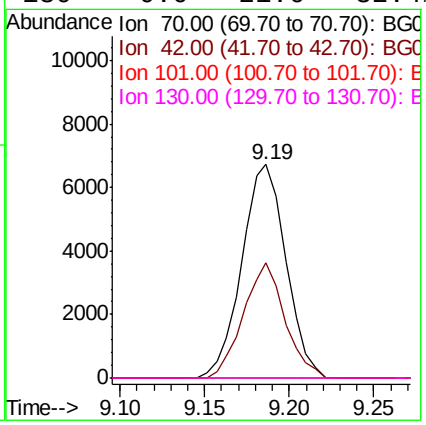


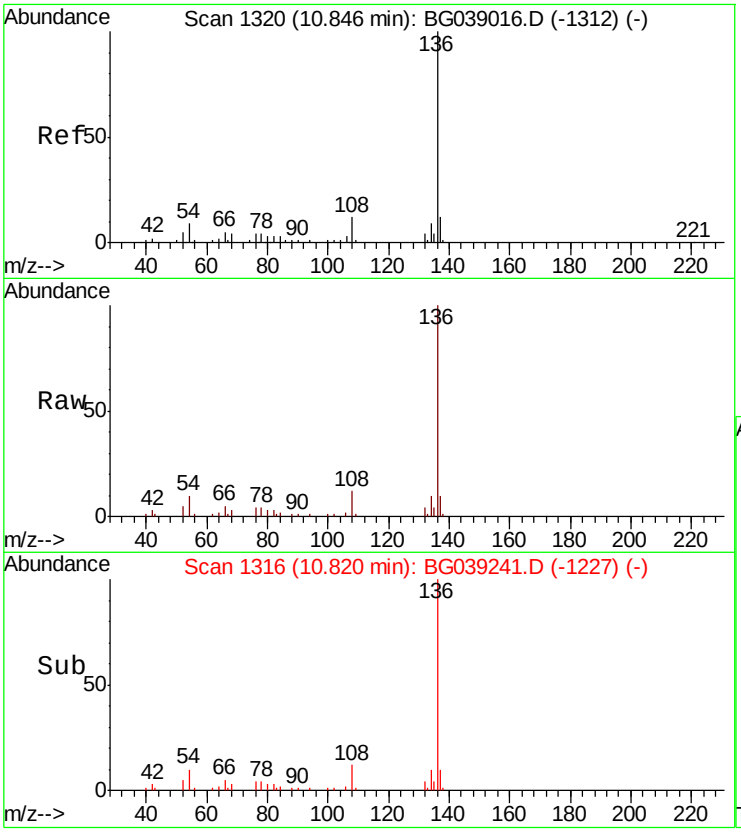


#19
n-Nitroso-di-n-propylamine
Concen: 16.856 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.37 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion: 70 Resp: 12209

Ion	Ratio	Lower	Upper
70	100		
42	54.0	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#



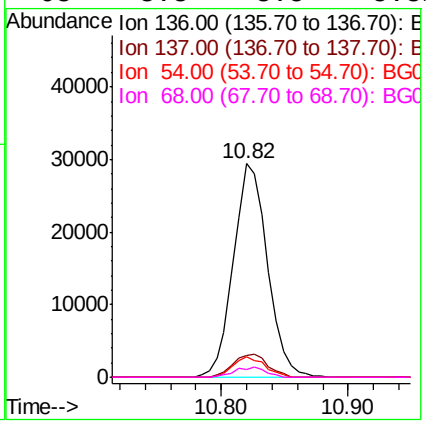


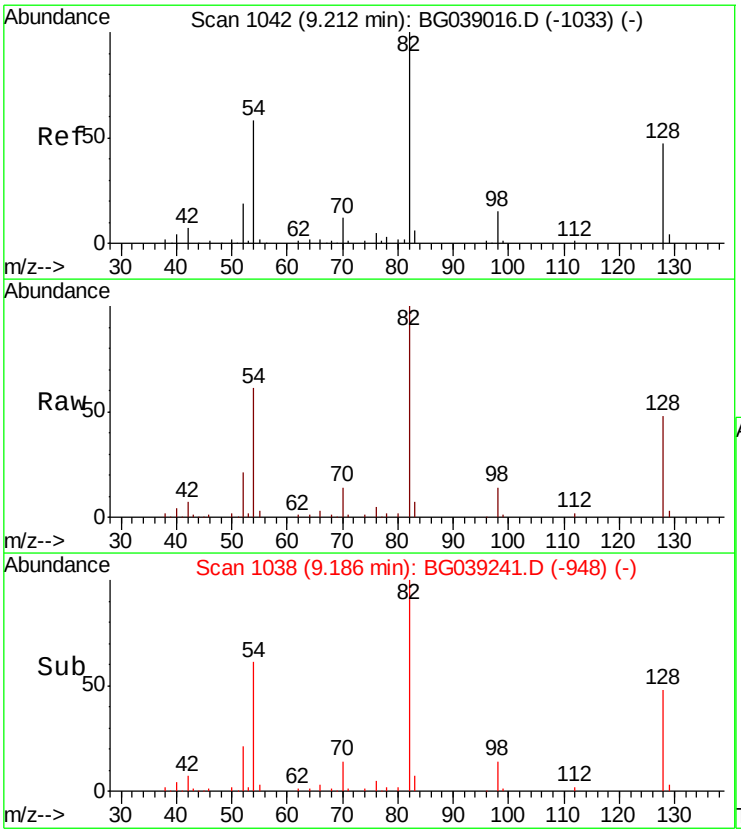
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:136 Resp: 54848

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	9.8	7.2	10.8
68	3.3	3.5	5.3#

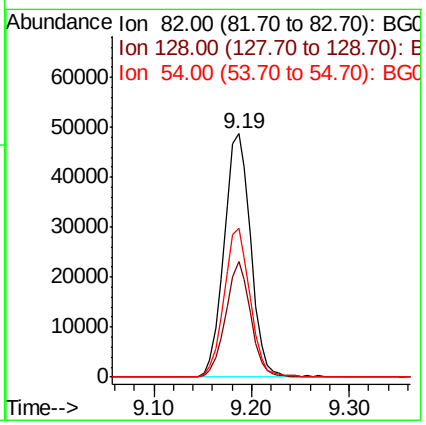


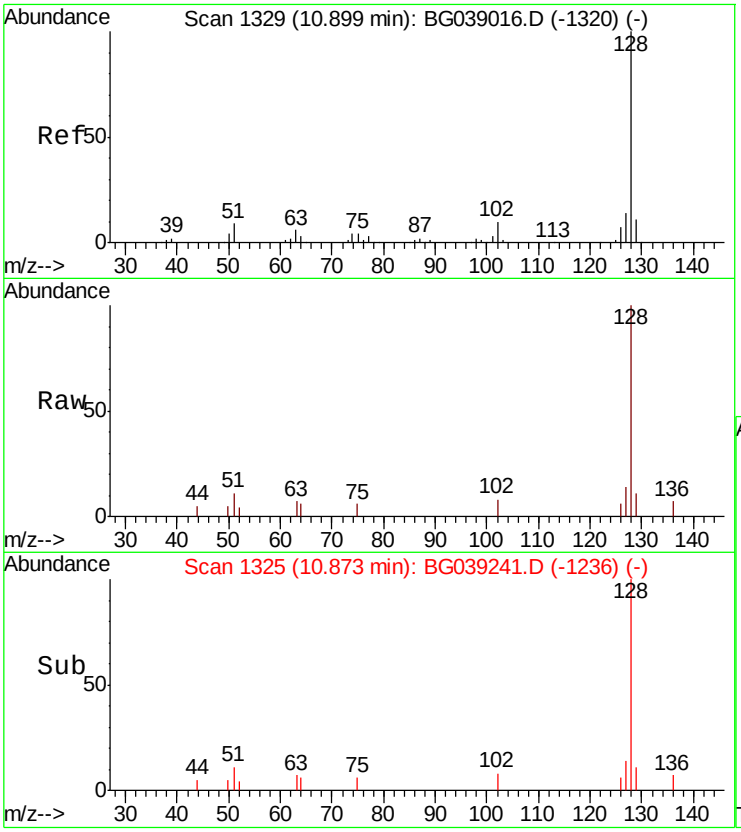


#23
Nitrobenzene-d5
Concen: 91.992 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion: 82 Resp: 92208

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.3	55.9
54	60.9	46.4	69.6



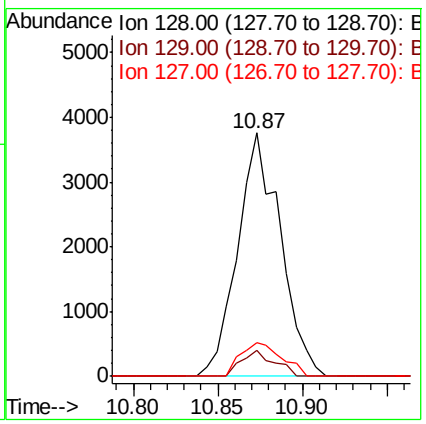


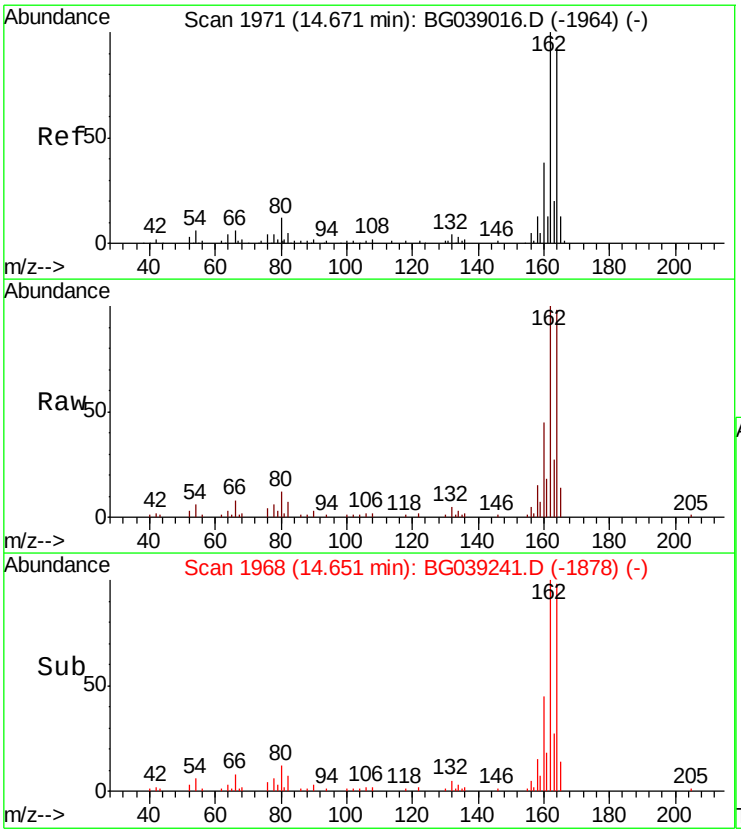
#31
Naphthalene
Concen: 2.396 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:128 Resp: 6590

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.9	11.2	16.8

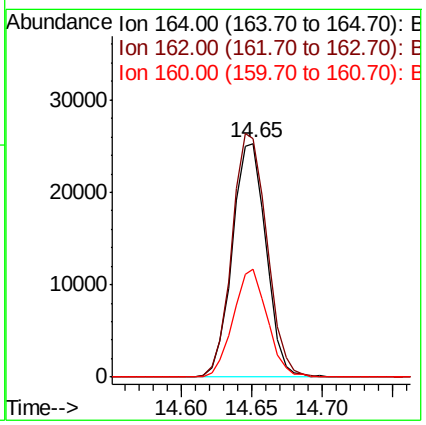


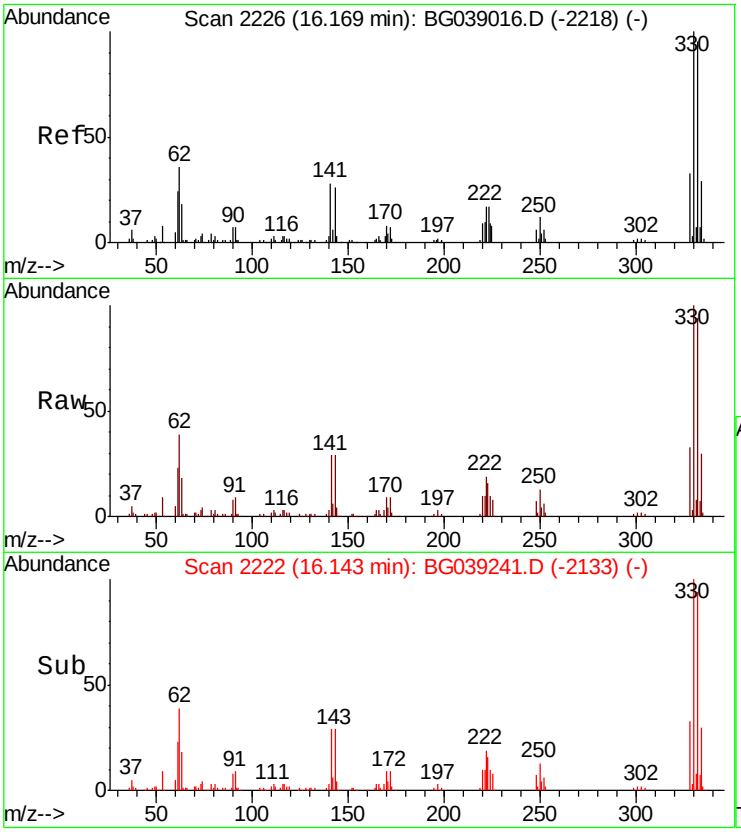


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:164 Resp: 42194

Ion	Ratio	Lower	Upper
164	100		
162	101.8	87.2	130.8
160	46.3	33.3	49.9



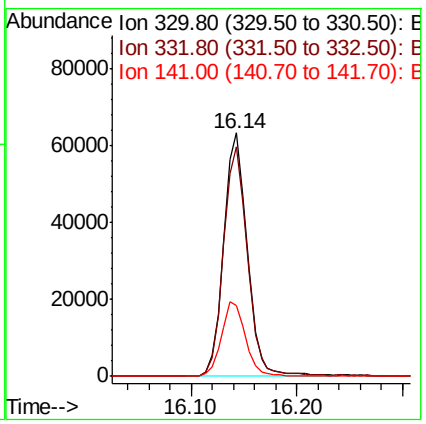


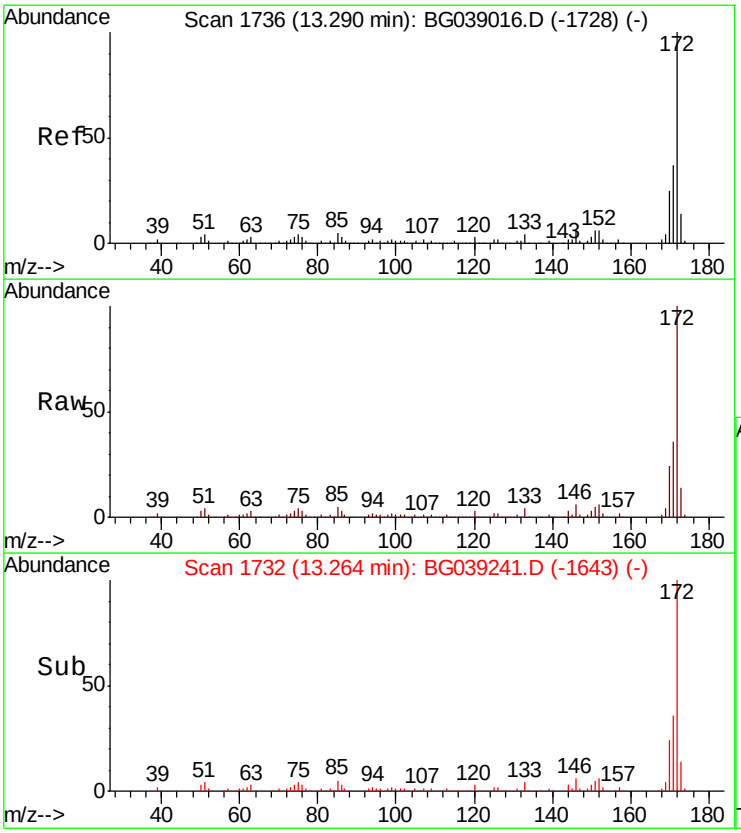
#42
2,4,6-Tribromophenol
Concen: 138.403 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:330 Resp: 97891

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	31.0	24.9	37.3

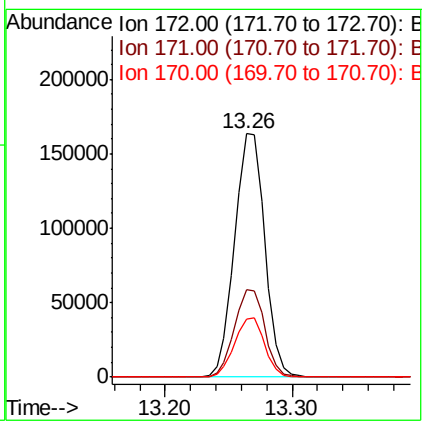


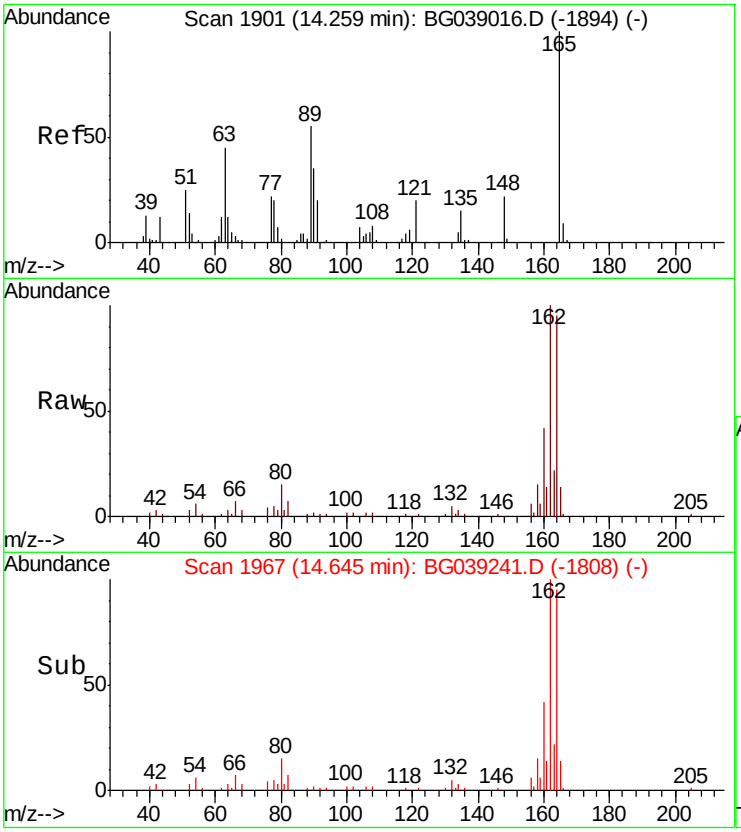


#45
2-Fluorobiphenyl
Concen: 87.401 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:172 Resp: 269466

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.1	20.1	30.1



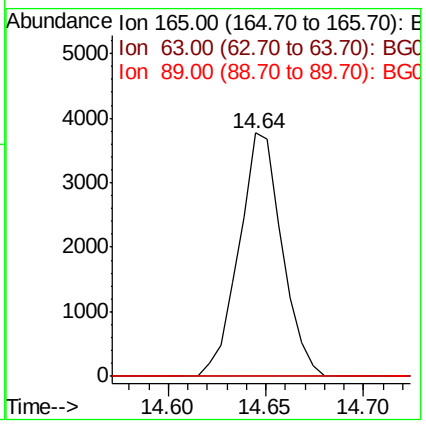


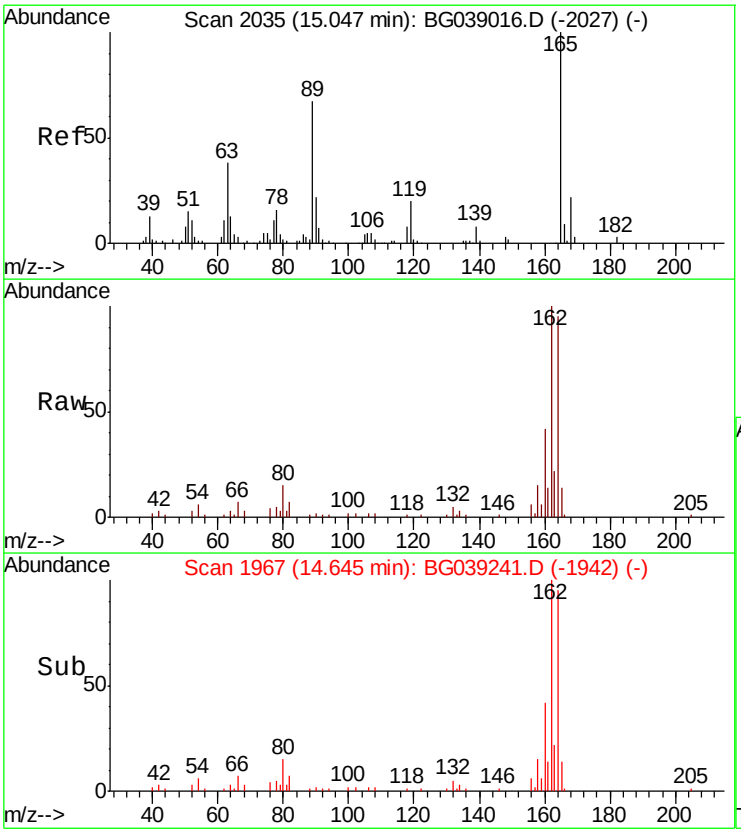
#51
2,6-Dinitrotoluene
Concen: 7.207 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.40 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:165 Resp: 5745

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

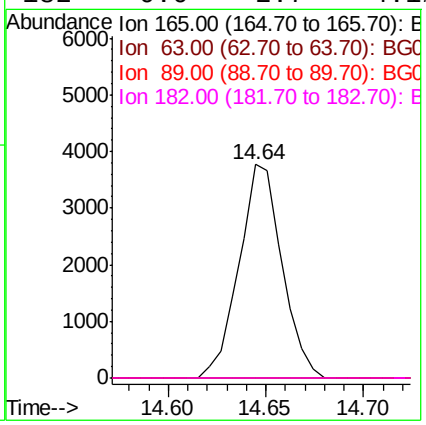


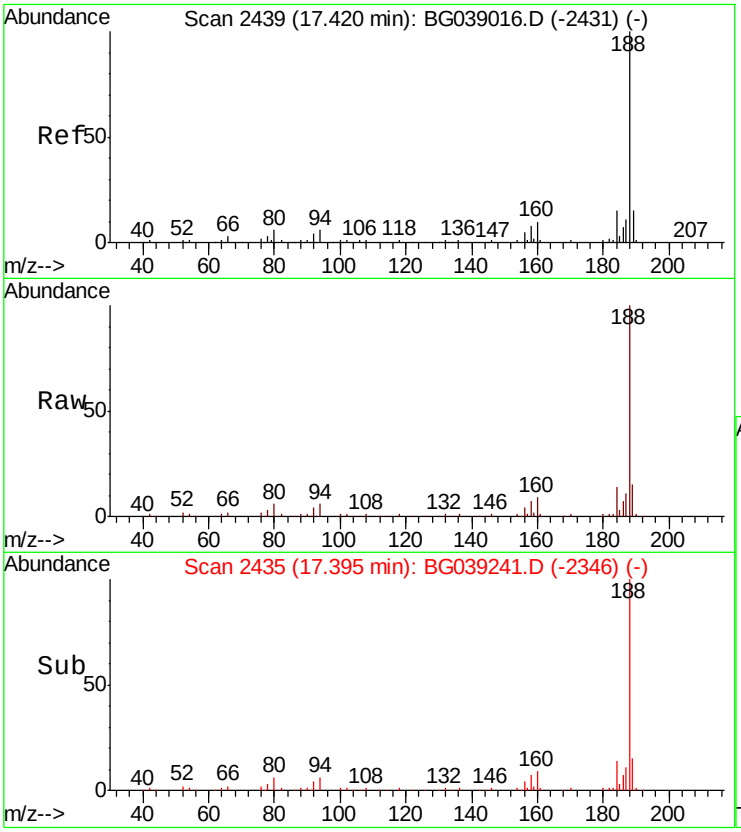


#57
2,4-Dinitrotoluene
Concen: 5.023 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.39 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:165 Resp: 5745

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



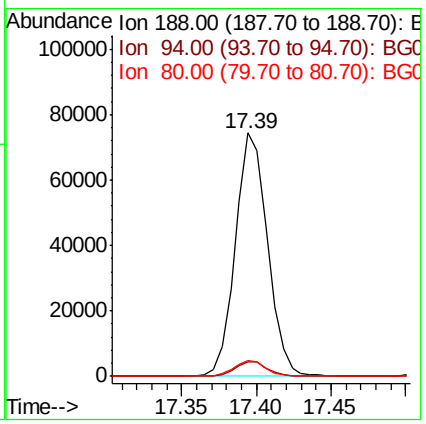


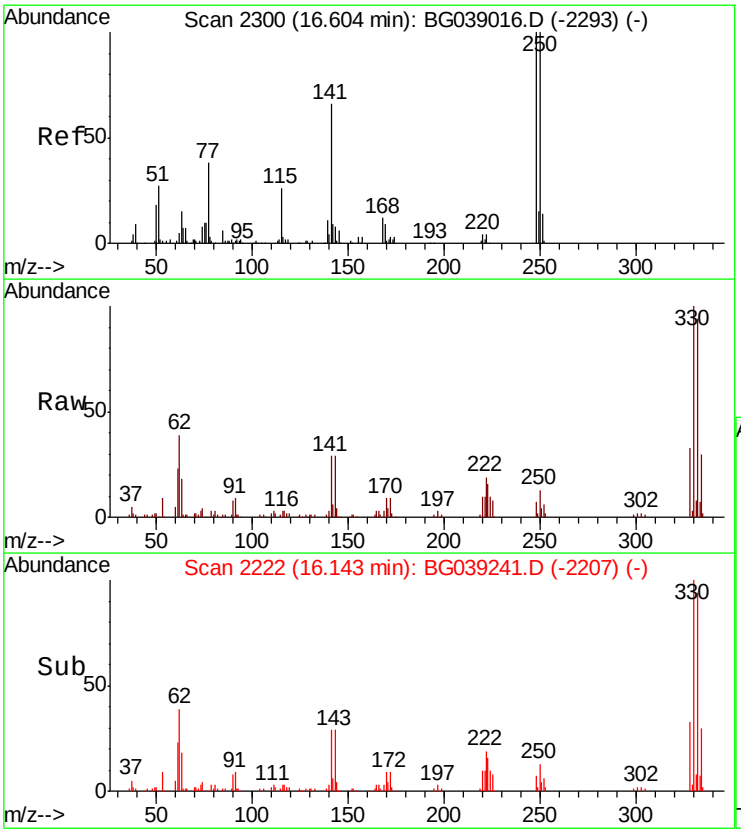
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:188 Resp: 111471

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	6.4	4.7	7.1

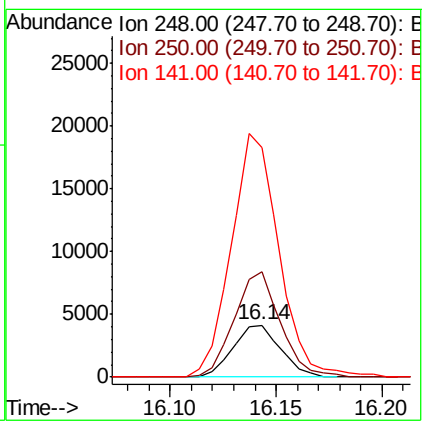


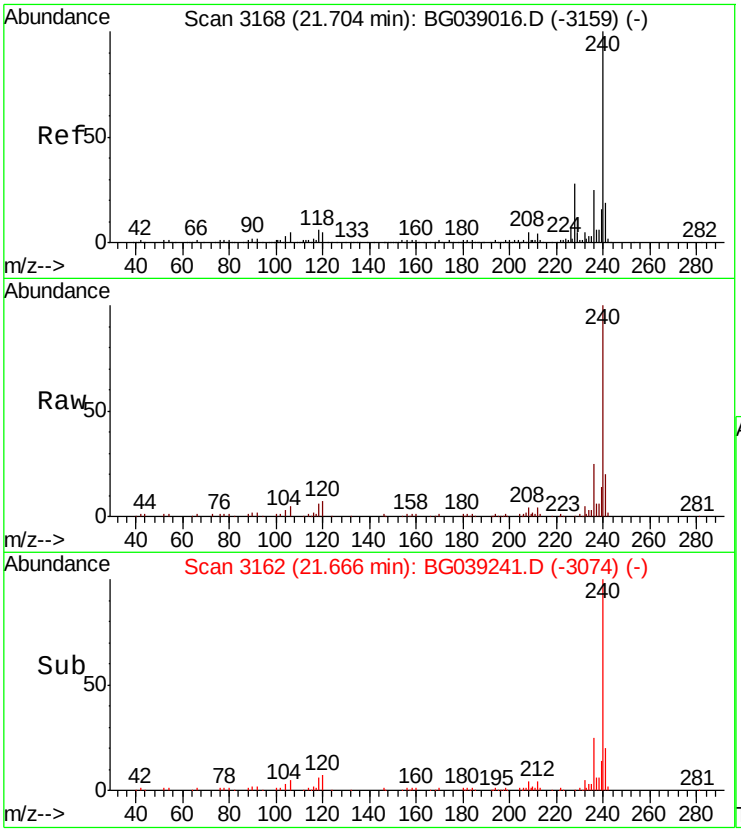


#67
4-Bromophenyl-phenylether
Concen: 4.452 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:248 Resp: 6380

Ion	Ratio	Lower	Upper
248	100		
250	197.6	79.9	119.9#
141	335.3	52.7	79.1#



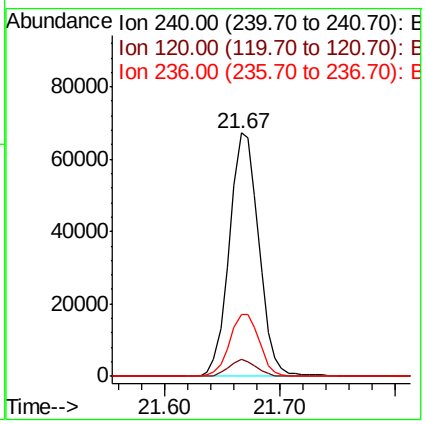


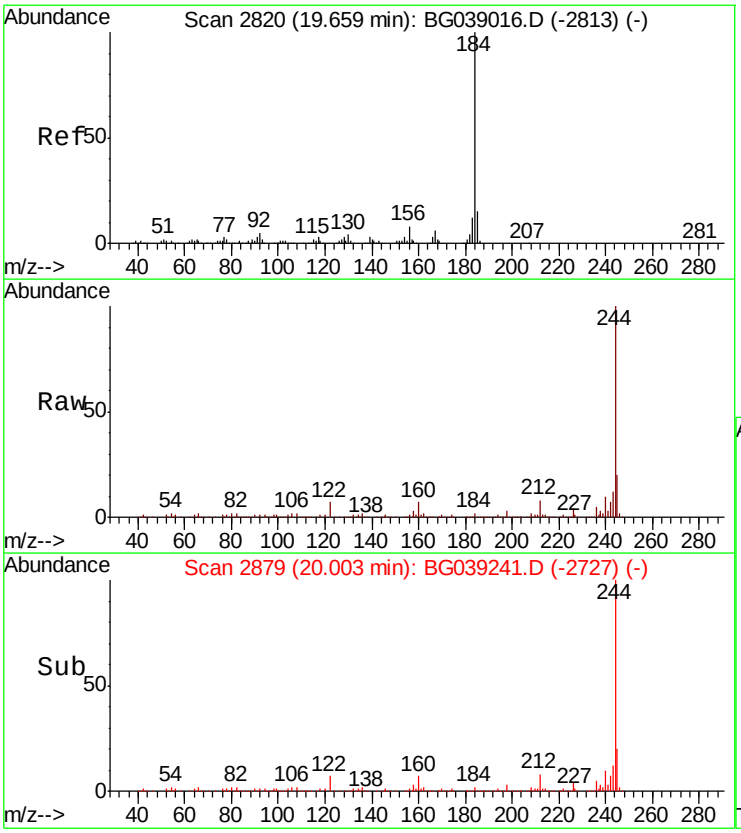
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:240 Resp: 118884

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.3	6.5#
236	25.4	20.1	30.1

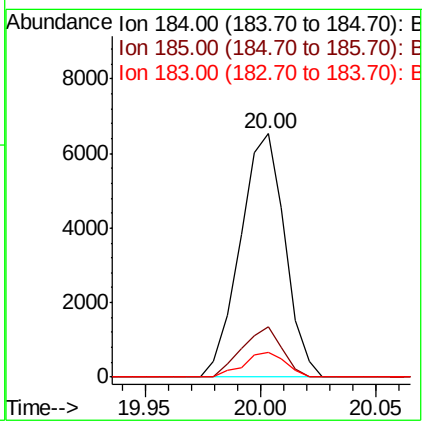


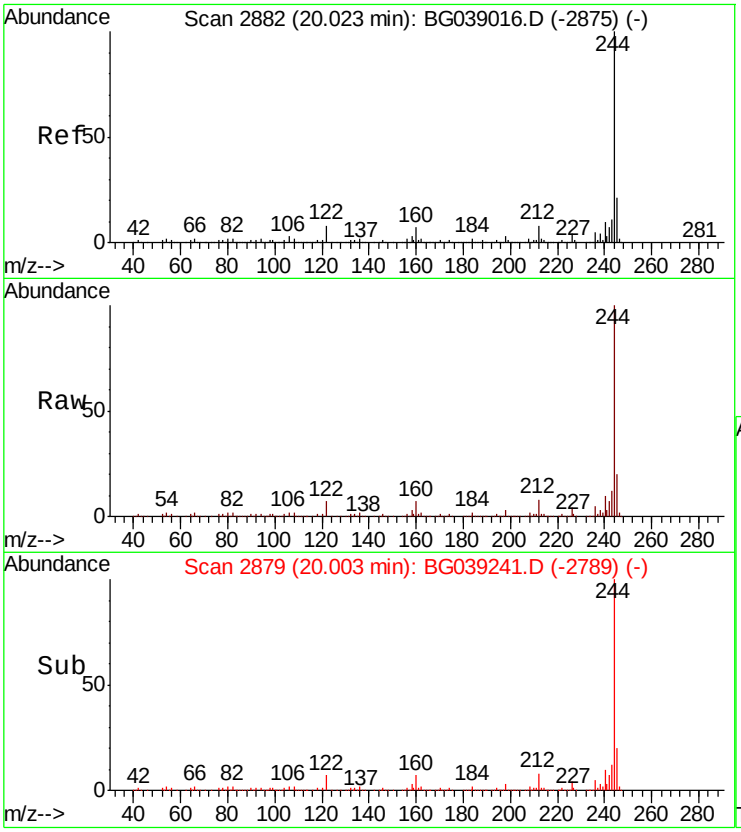


#77
Benzidine
Concen: 2.420 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.36 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:184 Resp: 8801

Ion	Ratio	Lower	Upper
184	100		
185	20.7	12.1	18.1#
183	10.3	9.5	14.3



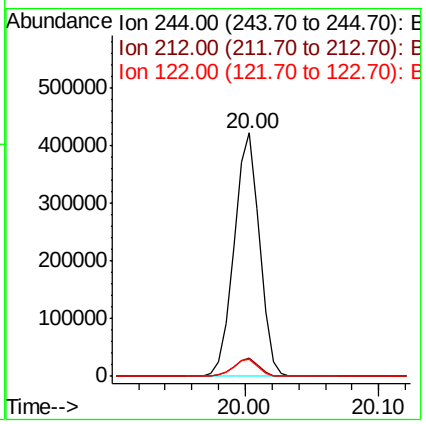


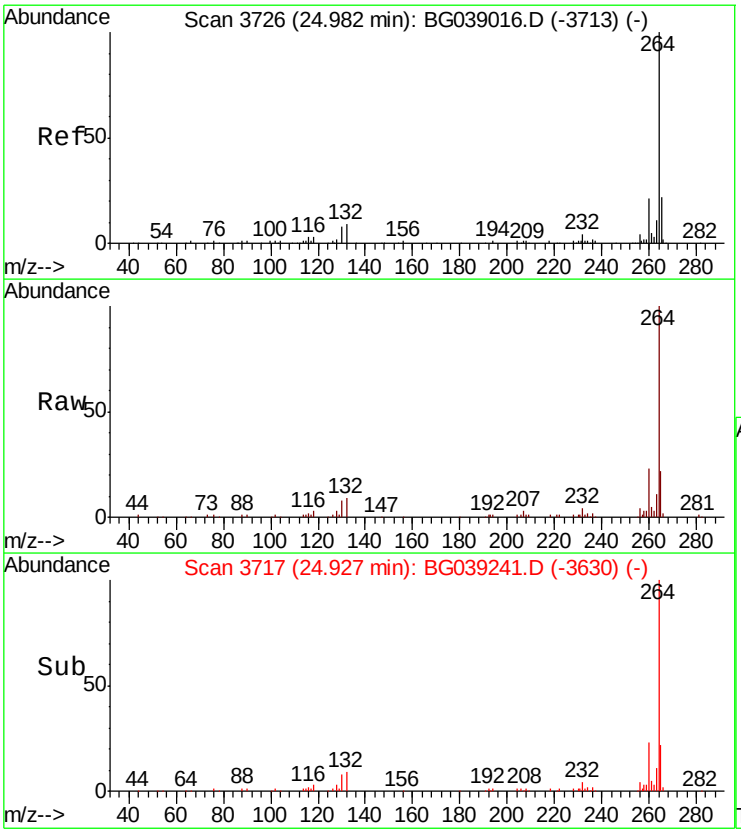
#79
Terphenyl-d14
Concen: 86.294 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:244 Resp: 554572

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.9	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:264 Resp: 124392

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	21.9	17.2	25.8