Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039332.D
Acq On : 30 Jan 2019 17:52
Operator : JU/SJ
Sample : K1268-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 012819-SIDI-E-U-S

Quant Time: Jan 31 05:41:38 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	8.18	152	46959	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	193177	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	130535	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	321255	20.00	ng		0.00
76) Chrysene-d12	21.84	240	331975	20.00	ng		0.00
87) Perylene-d12	25.23	264	334173	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	101123	36.86	ng		0.00
7) Phenol-d6	7.32	99	86494	21.42	ng		0.00
23) Nitrobenzene-d5	9.36	82	300859	97.29	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	128827	91.65	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	750609	82.49	ng		0.00
79) Terphenyl-d14	20.14	244	1062776	67.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.33	77	190	Below Cal		#	4
10) Phenol	7.34	94	23779	5.648	ng		96
19) n-Nitroso-di-n-propylamine	9.35	70	39056	13.625	ng	#	73
48) 2-Nitroaniline	14.24	65	369	8.426	ng	#	1
50) Dimethylphthalate	14.25	163	25405	2.410	ng		99
51) 2,6-Dinitrotoluene	14.80	165	16712	13.882	ng	#	27
53) 3-Nitroaniline	14.95	138	55	5.816	ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	16712	13.367	ng	#	22
65) 4,6-Dinitro-2-methylphenol	16.29	198	578	4.751	ng	#	1
67) 4-Bromophenyl-phenylether	16.29	248	9718	2.727	ng	#	1

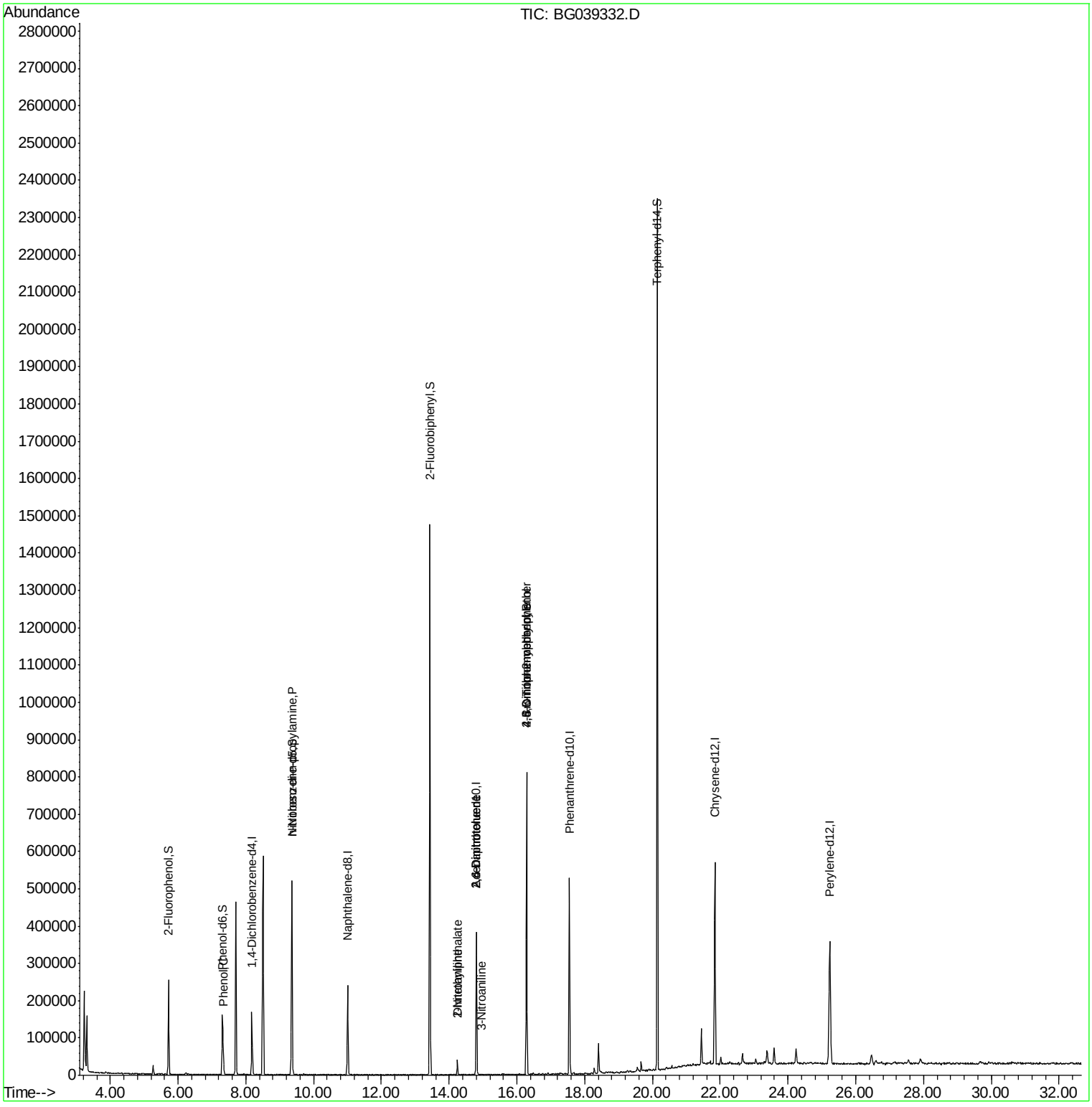
(#) = qualifier out of range (m) = manual integration (+) = signals summed

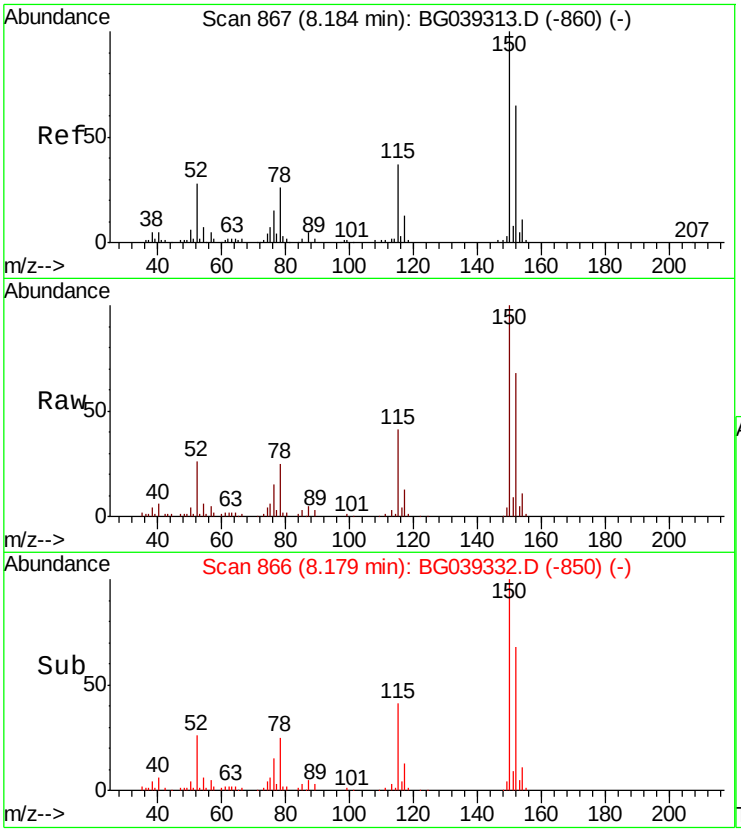
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039332.D
Acq On : 30 Jan 2019 17:52
Operator : JU/SJ
Sample : K1268-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Quant Time: Jan 31 05:41:38 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



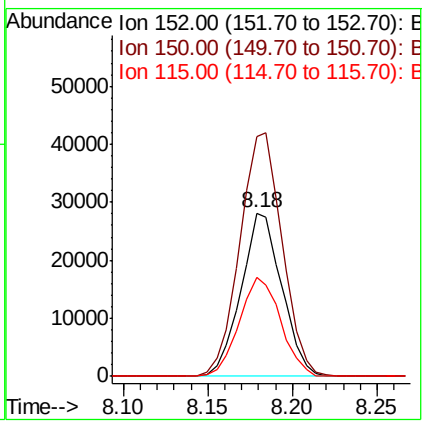


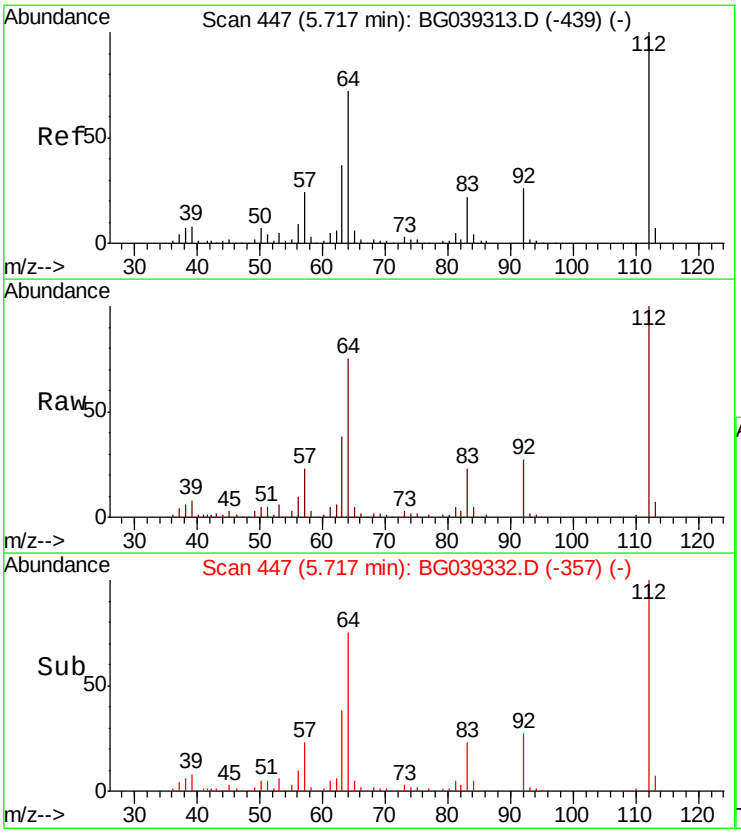
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:152 Resp: 46959

Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.7	185.5
115	60.7	45.9	68.9

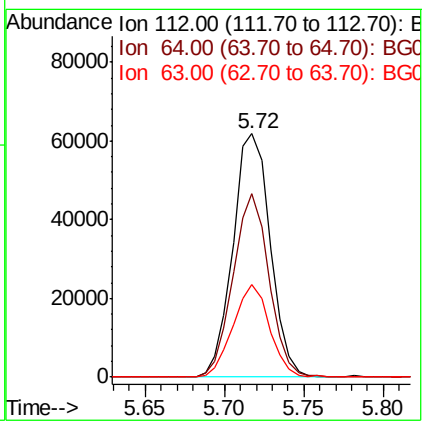


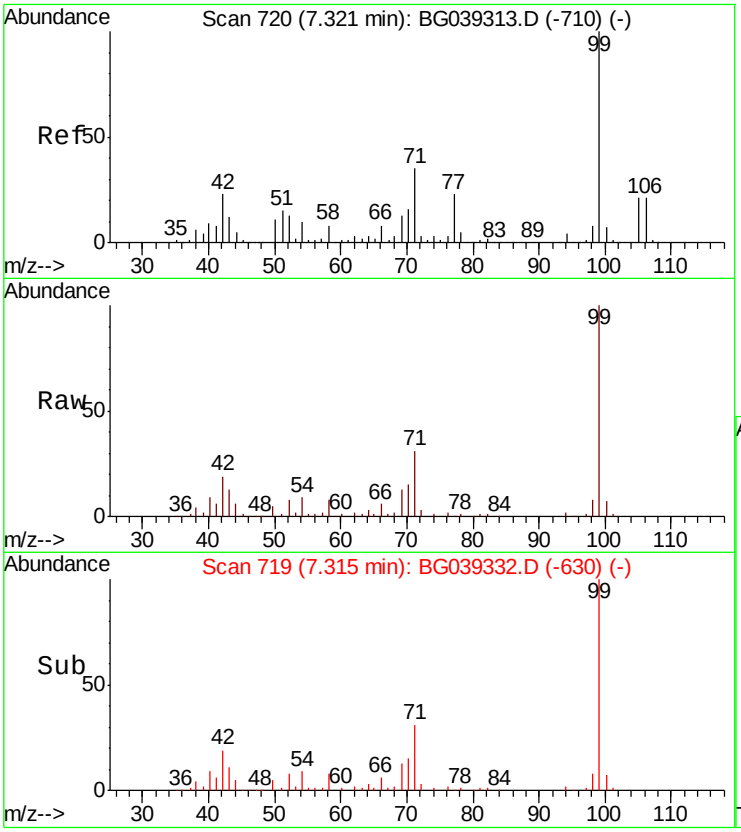


#5
2-Fluorophenol
Concen: 36.856 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:112 Resp: 101123

Ion	Ratio	Lower	Upper
112	100		
64	75.2	57.8	86.8
63	38.1	29.8	44.6



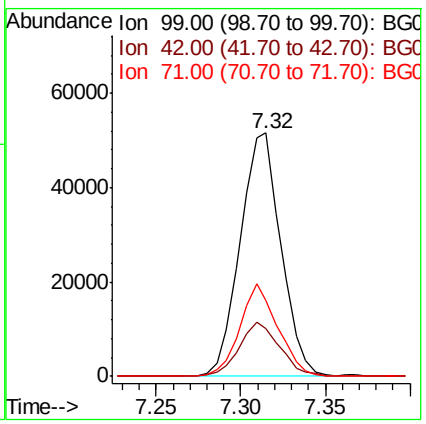


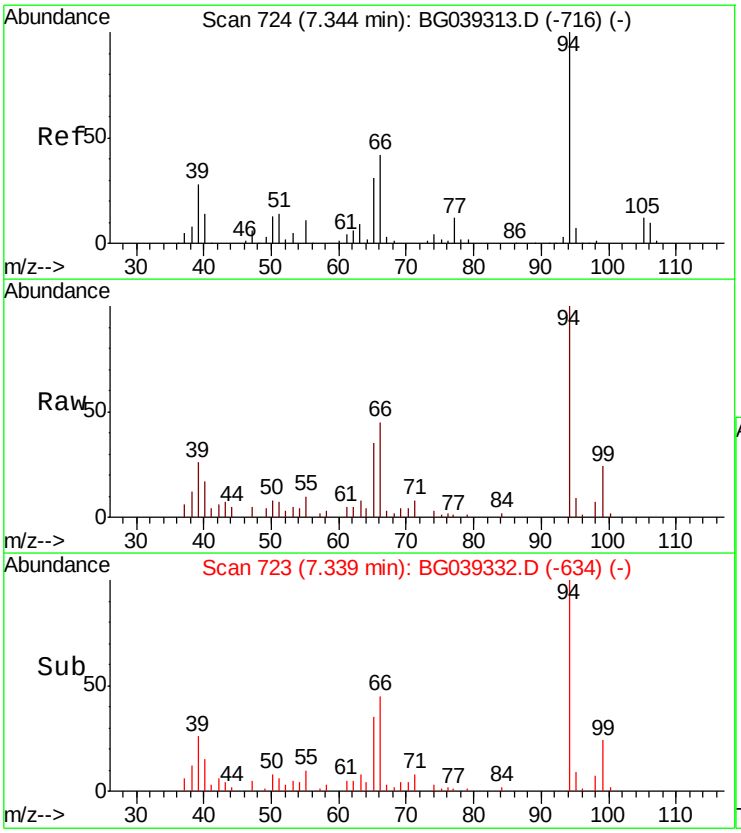
#7
Phenol-d6
Concen: 21.416 ng
RT: 7.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion: 99 Resp: 86494

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	31.2	28.0	42.0

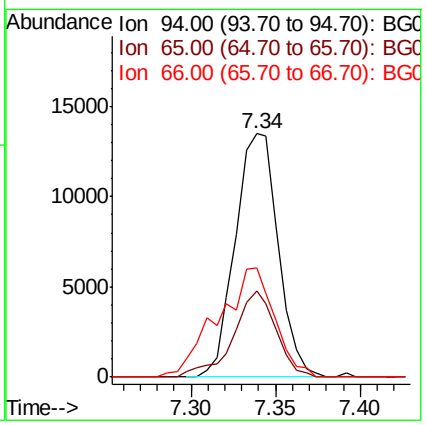


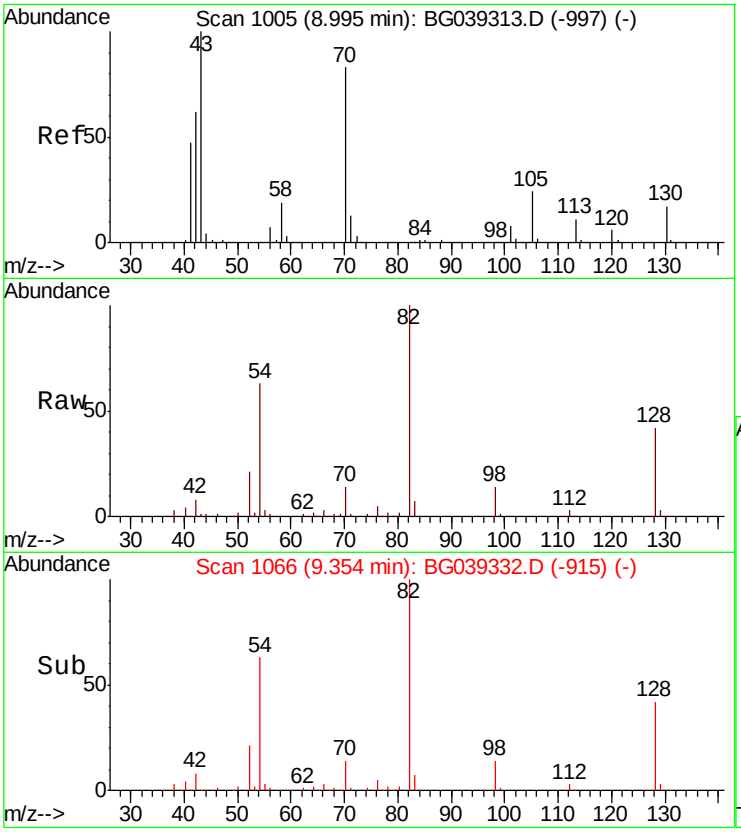


#10
Phenol
Concen: 5.648 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion: 94 Resp: 23779

Ion	Ratio	Lower	Upper
94	100		
65	35.3	11.7	51.7
66	44.9	23.7	63.7



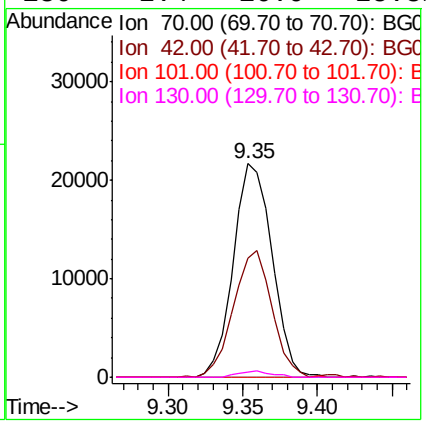


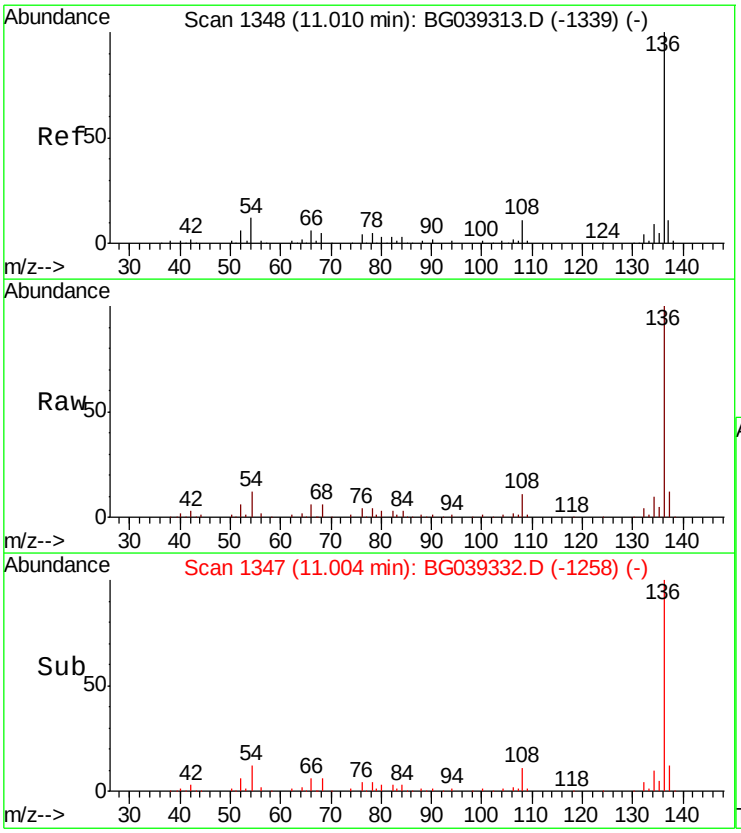
#19
n-Nitroso-di-n-propylamine
Concen: 13.625 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion: 70 Resp: 39056

Ion	Ratio	Lower	Upper
70	100		
42	55.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#

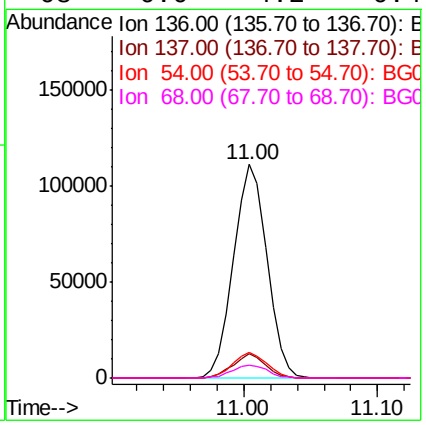


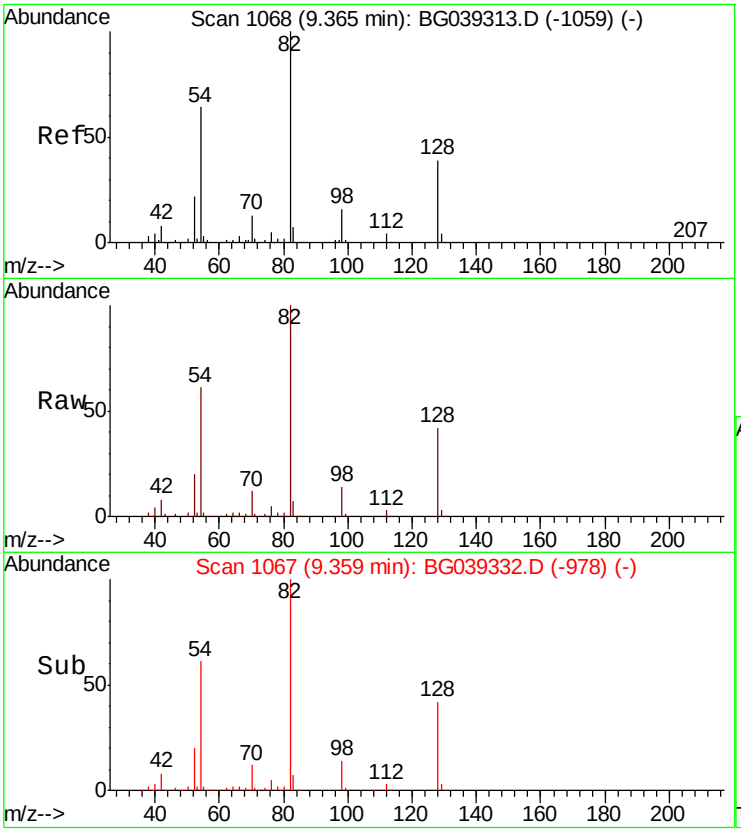


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:136 Resp: 193177

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.8	9.4	14.2
68	6.0	4.2	6.4



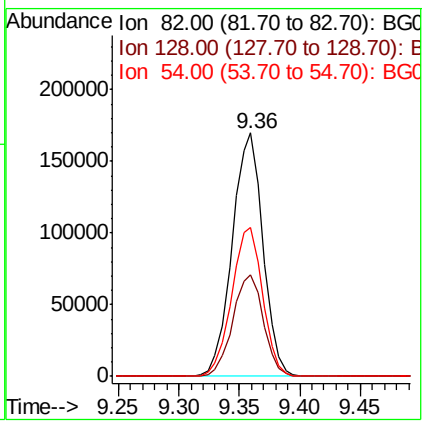


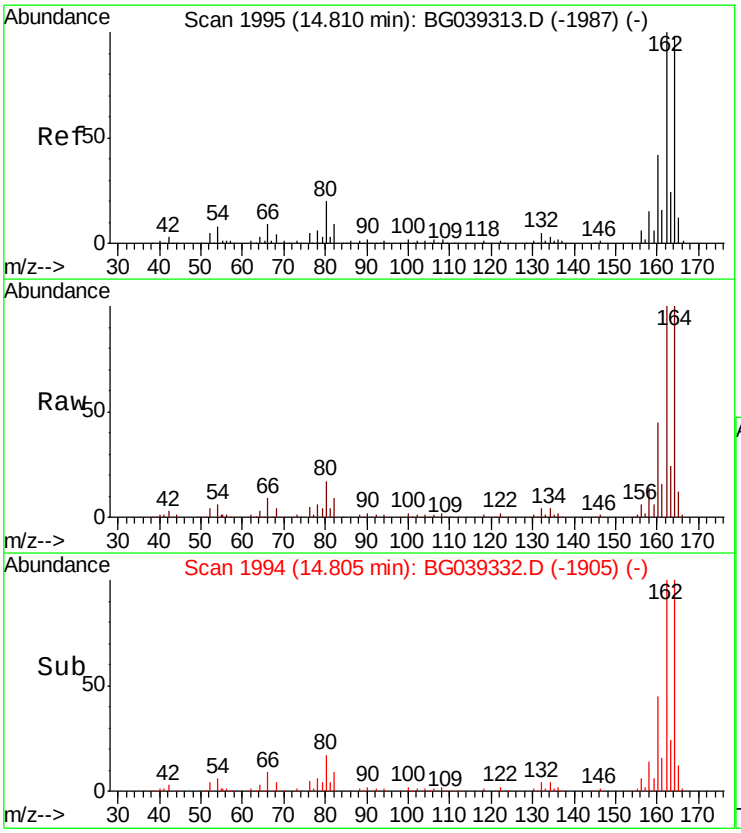
#23
Nitrobenzene-d5
Concen: 97.295 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion: 82 Resp: 300859

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	61.1	50.9	76.3

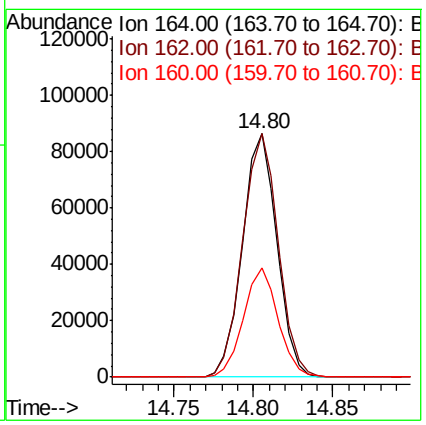


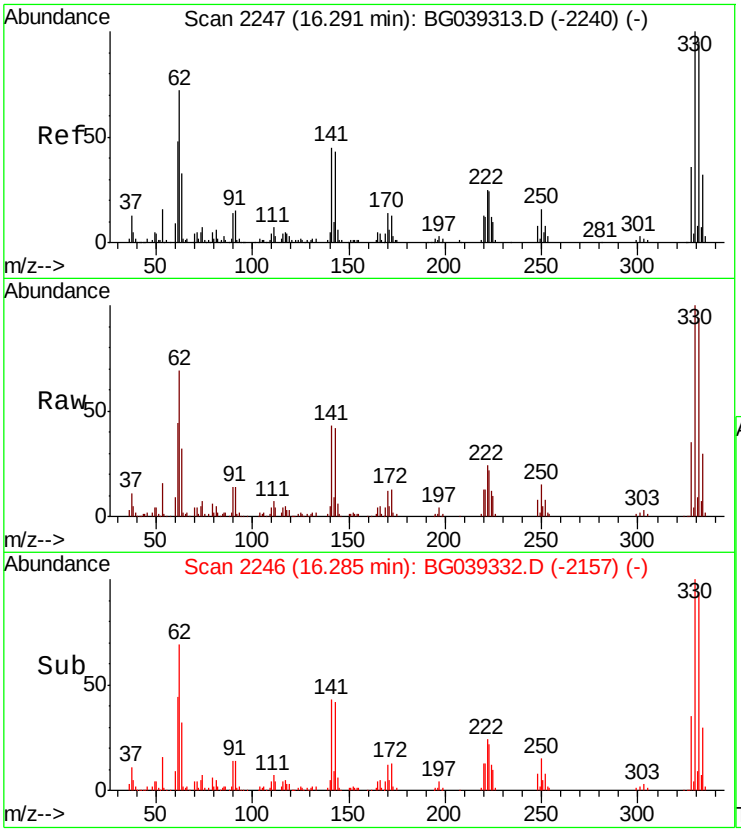


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:164 Resp: 130535

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	44.8	34.2	51.2



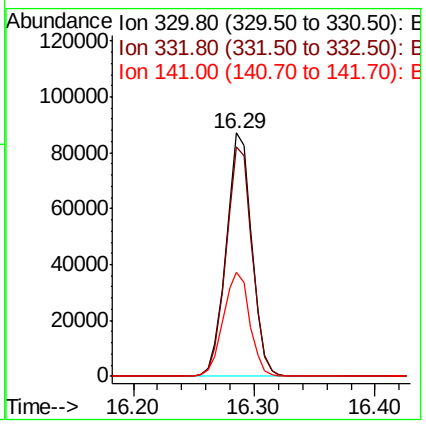


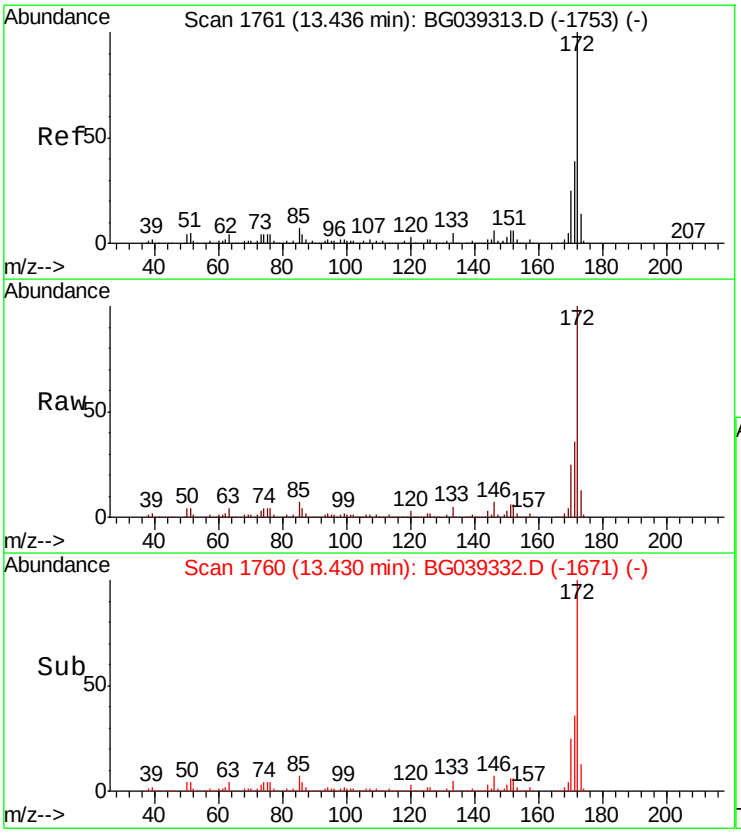
#42
2,4,6-Tribromophenol
Concen: 91.650 ng
RT: 16.29 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:330 Resp: 128827

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	44.1	35.6	53.4

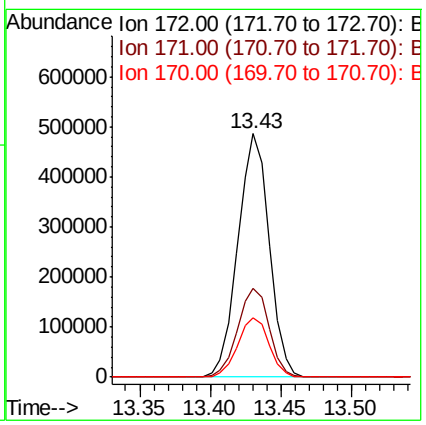


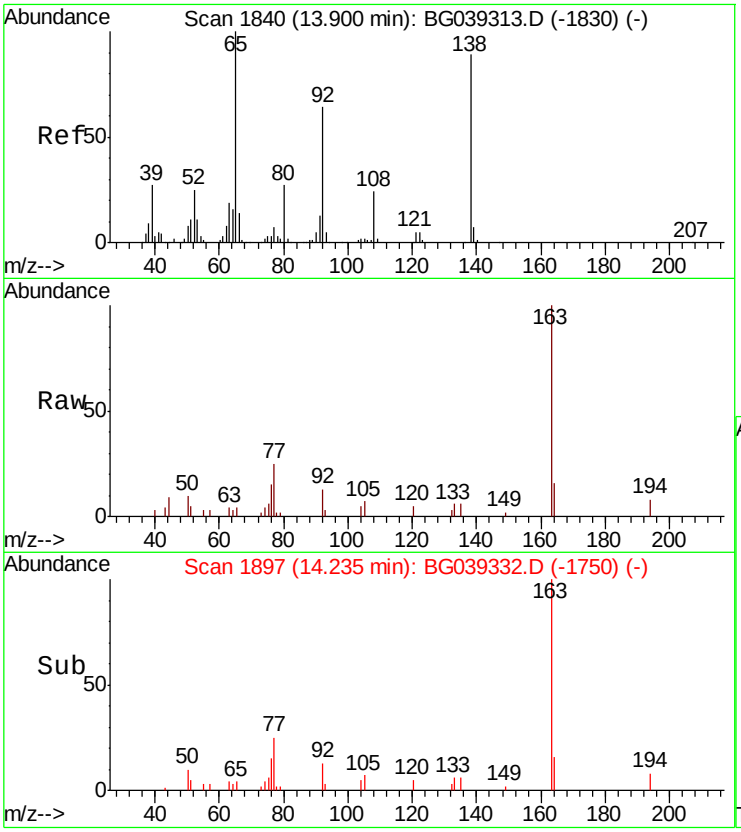


#45
2-Fluorobiphenyl
Concen: 82.490 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:172 Resp: 750609

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	24.5	20.2	30.4



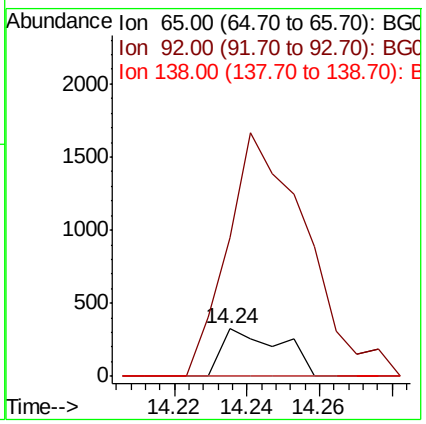


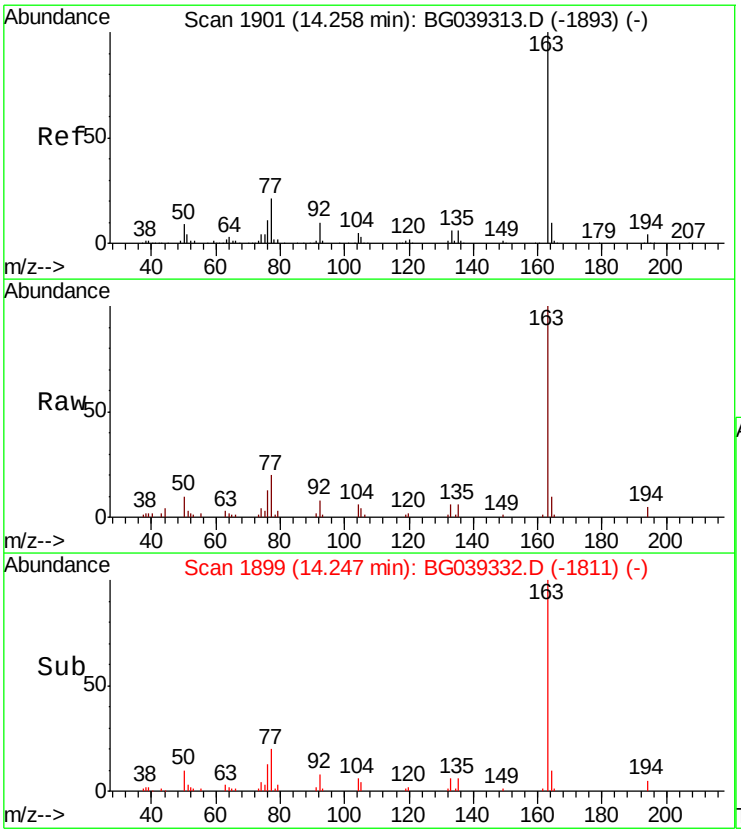
#48
2-Nitroaniline
Concen: 8.426 ng
RT: 14.24 min Scan# 1897
Delta R.T. 0.34 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion: 65 Resp: 369

Ion	Ratio	Lower	Upper
65	100		
92	291.4	51.4	77.2#
138	0.0	71.4	107.2#

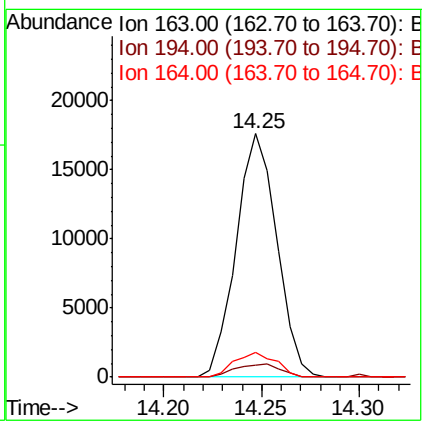


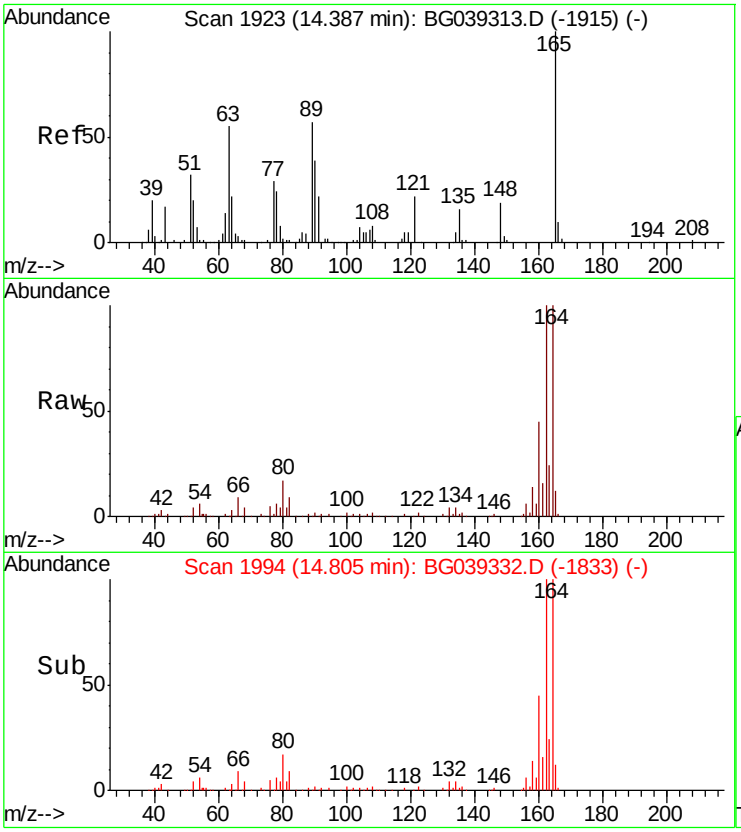


#50
Dimethylphthalate
Concen: 2.410 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:163 Resp: 25405

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	10.2	8.4	12.6



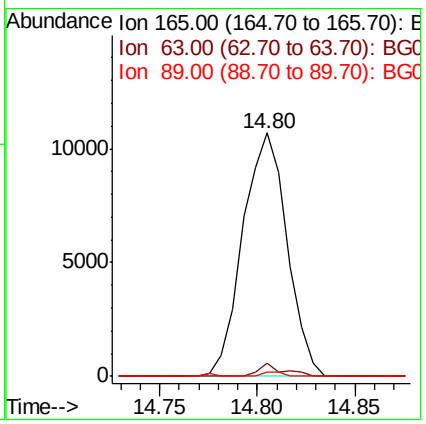


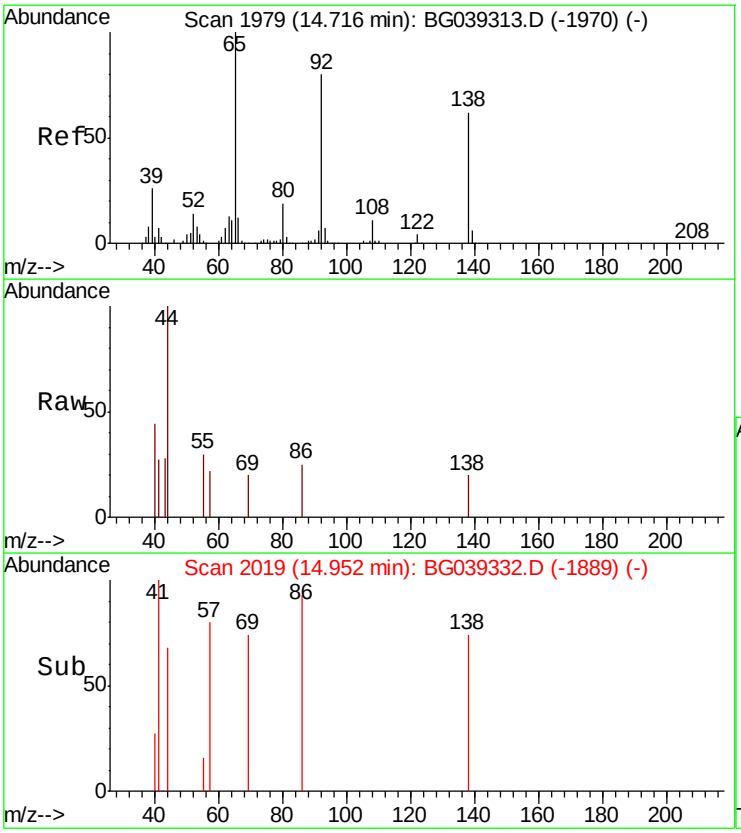
#51
2,6-Dinitrotoluene
Concen: 13.882 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.42 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:165 Resp: 16712

Ion	Ratio	Lower	Upper
165	100		
63	5.6	47.0	70.6#
89	2.0	45.8	68.8#

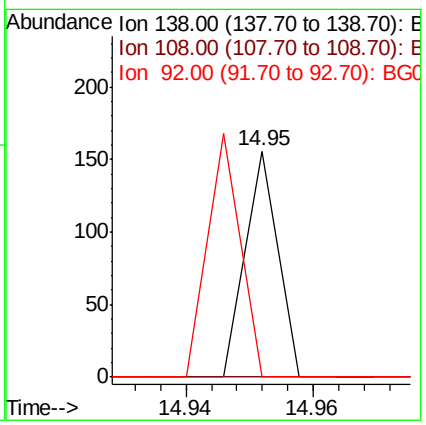


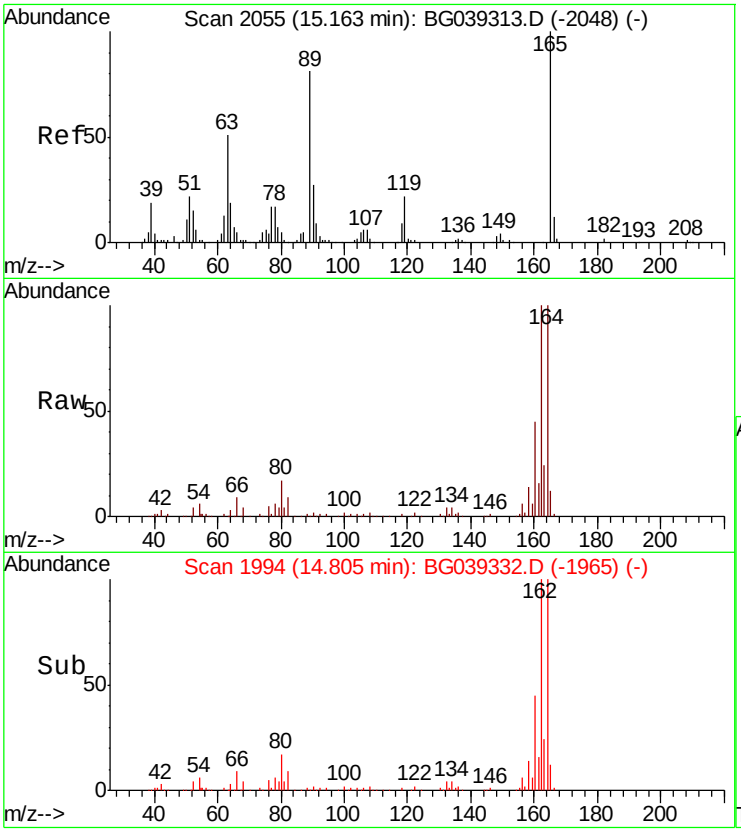


#53
3-Nitroaniline
Concen: 5.816 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.24 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



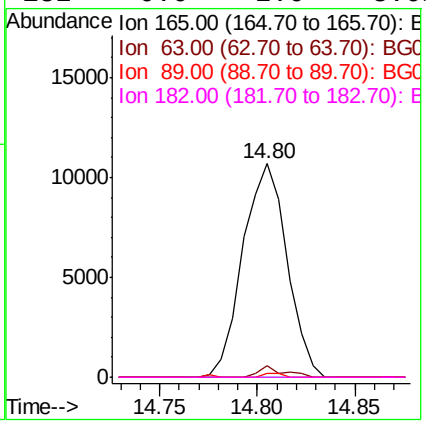


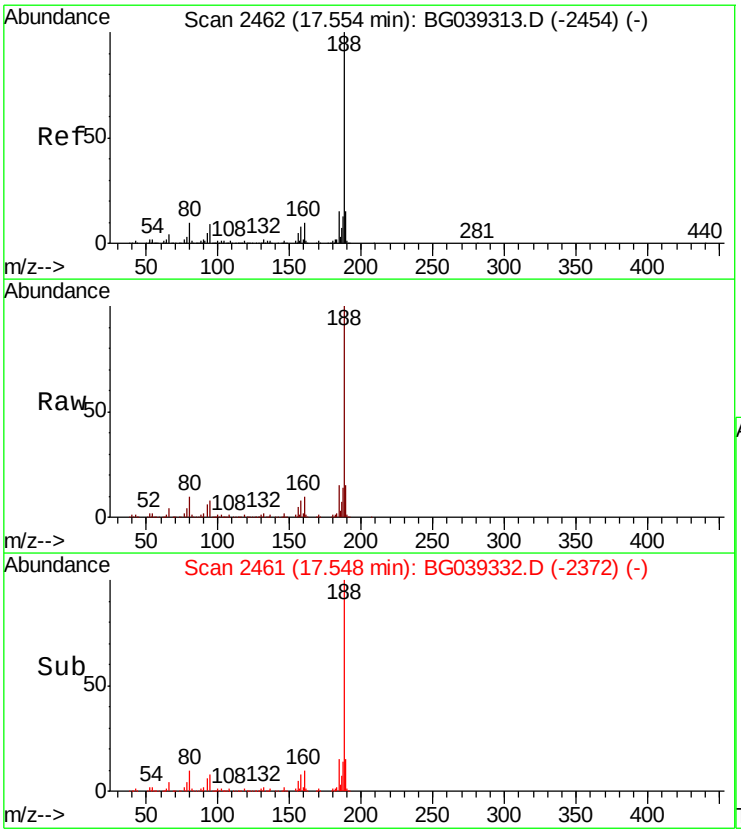
#57
2,4-Dinitrotoluene
Concen: 13.367 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:165 Resp: 16712

Ion	Ratio	Lower	Upper
165	100		
63	5.6	41.0	61.6#
89	2.0	64.6	96.8#
182	0.0	2.0	3.0#

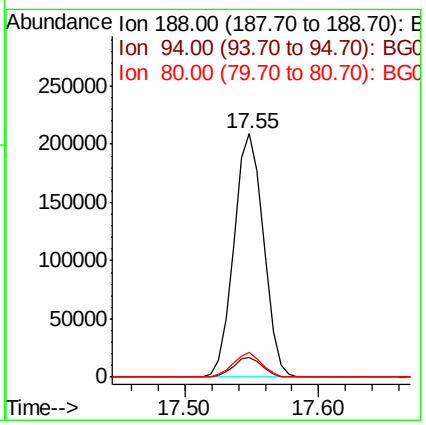


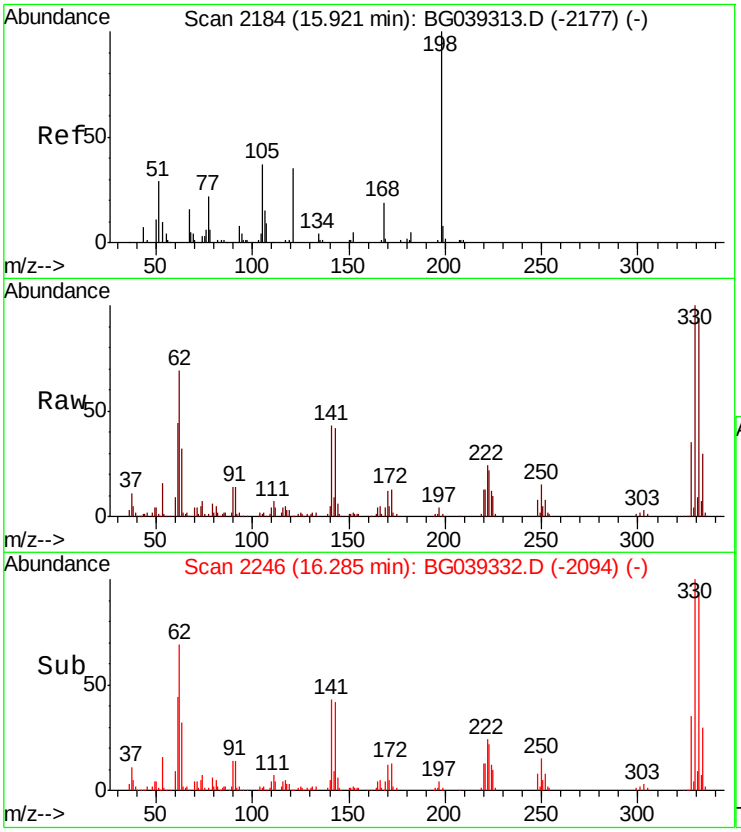


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:188 Resp: 321255

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.9	8.1	12.1



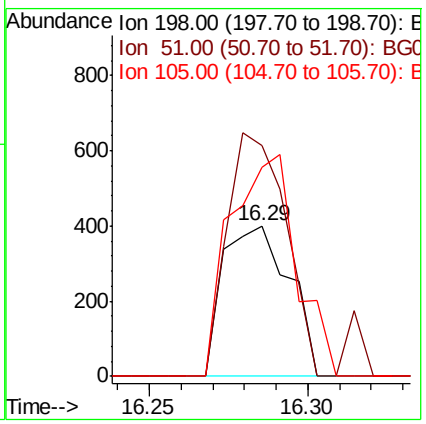


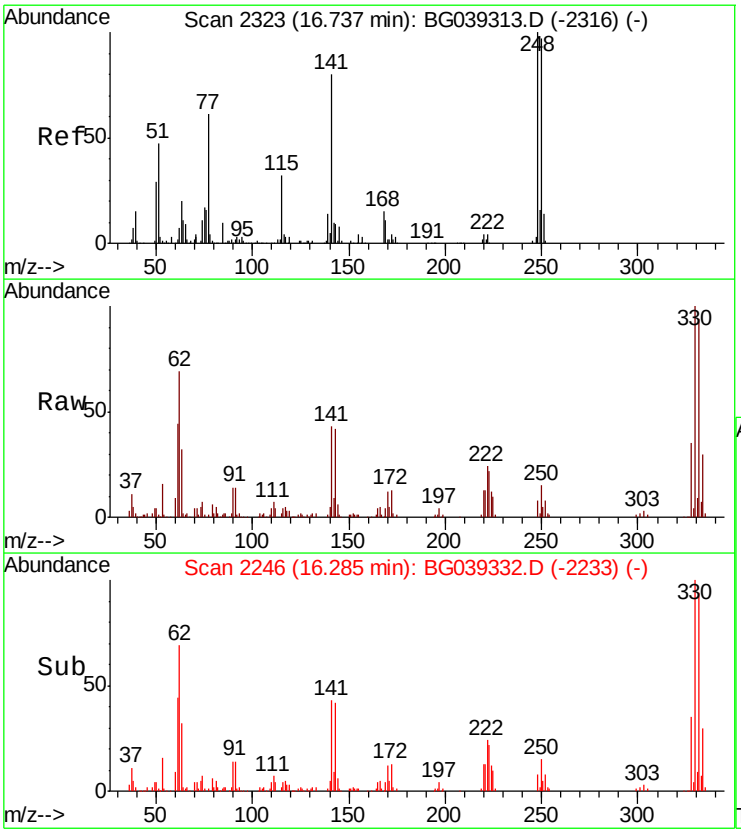
#65
4,6-Dinitro-2-methylphenol
Concen: 4.751 ng
RT: 16.29 min Scan# 2246
Delta R.T. 0.37 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:198 Resp: 578

Ion	Ratio	Lower	Upper
198	100		
51	153.8	27.4	67.4#
105	138.8	19.7	59.7#

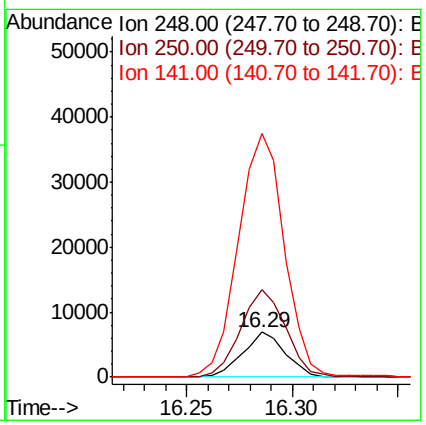


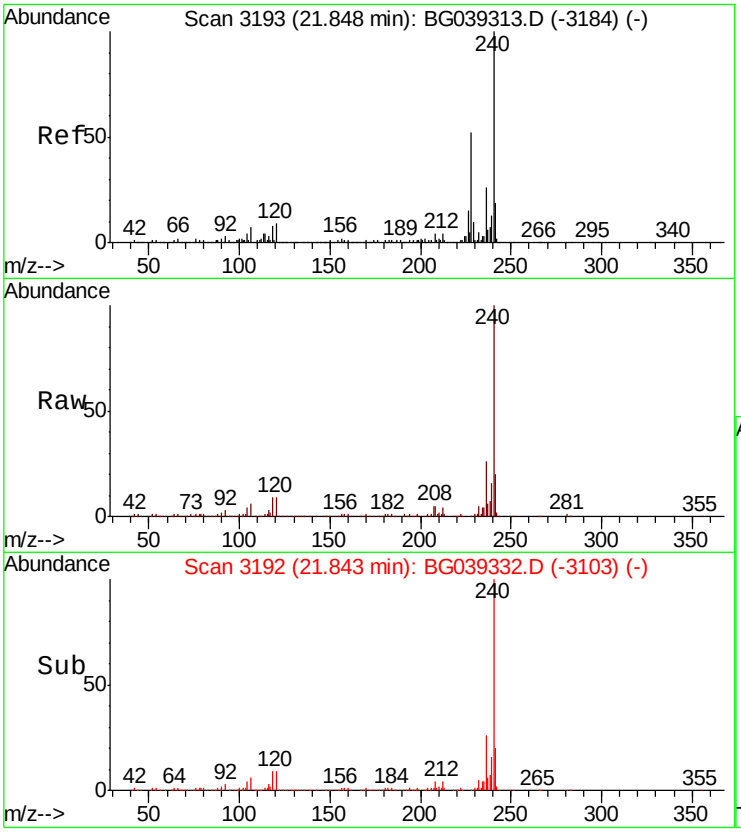


#67
4-Bromophenyl-phenylether
Concen: 2.727 ng
RT: 16.29 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:248 Resp: 9718

Ion	Ratio	Lower	Upper
248	100		
250	194.9	77.6	116.4#
141	544.0	63.9	95.9#



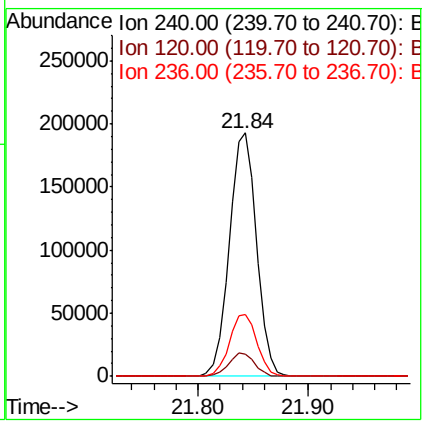


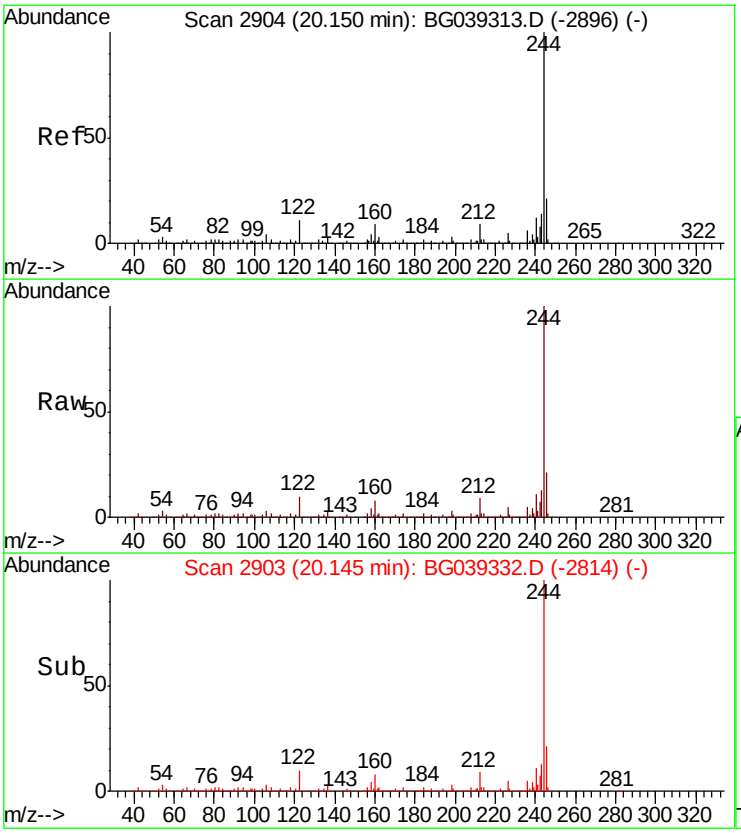
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:240 Resp: 331975

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	25.7	21.0	31.4

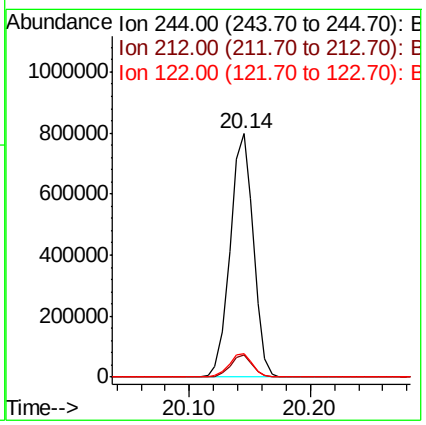


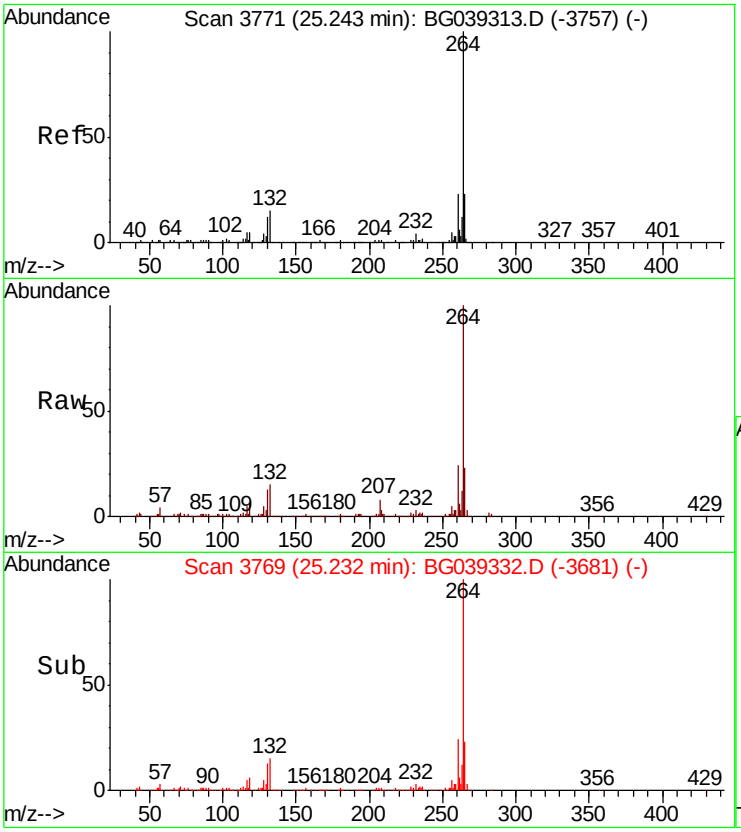


#79
Terphenyl-d14
Concen: 67.763 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Tgt Ion:244 Resp: 1062776

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG039332.D
Acq: 30 Jan 2019 17:52

Instrument :
BNA_G
ClientSampleId :
012819-SIDI-E-U-S

Tgt Ion:264 Resp: 334173

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.6	18.5	27.7