Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039175.D
Acq On : 17 Jan 2019 2:53
Operator : JU/SJ
Sample : K1147-24
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8

Quant Time: Jan 17 04:06:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17609	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	79309	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	58535	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	159477	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	175894	20.00	ng	-0.02
87) Perylene-d12	24.94	264	193777	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	139578	150.36	ng	-0.01
7) Phenol-d6	7.18	99	180194	134.89	ng	-0.01
23) Nitrobenzene-d5	9.20	82	143082	98.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	144639	147.41	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	435619	101.85	ng	-0.01
79) Terphenyl-d14	20.01	244	847718	89.16	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	1783	2.314	ng	# 1
15) Benzyl Alcohol	8.34	79	2036	2.024	ng	# 52
19) n-Nitroso-di-n-propylamine	9.20	70	18390	20.963	ng	# 69
51) 2,6-Dinitrotoluene	14.66	165	7563	6.839	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7563	4.767	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9338	4.555	ng	# 1
77) Benzidine	20.01	184	13574	2.523	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039175.D
Acq On : 17 Jan 2019 2:53
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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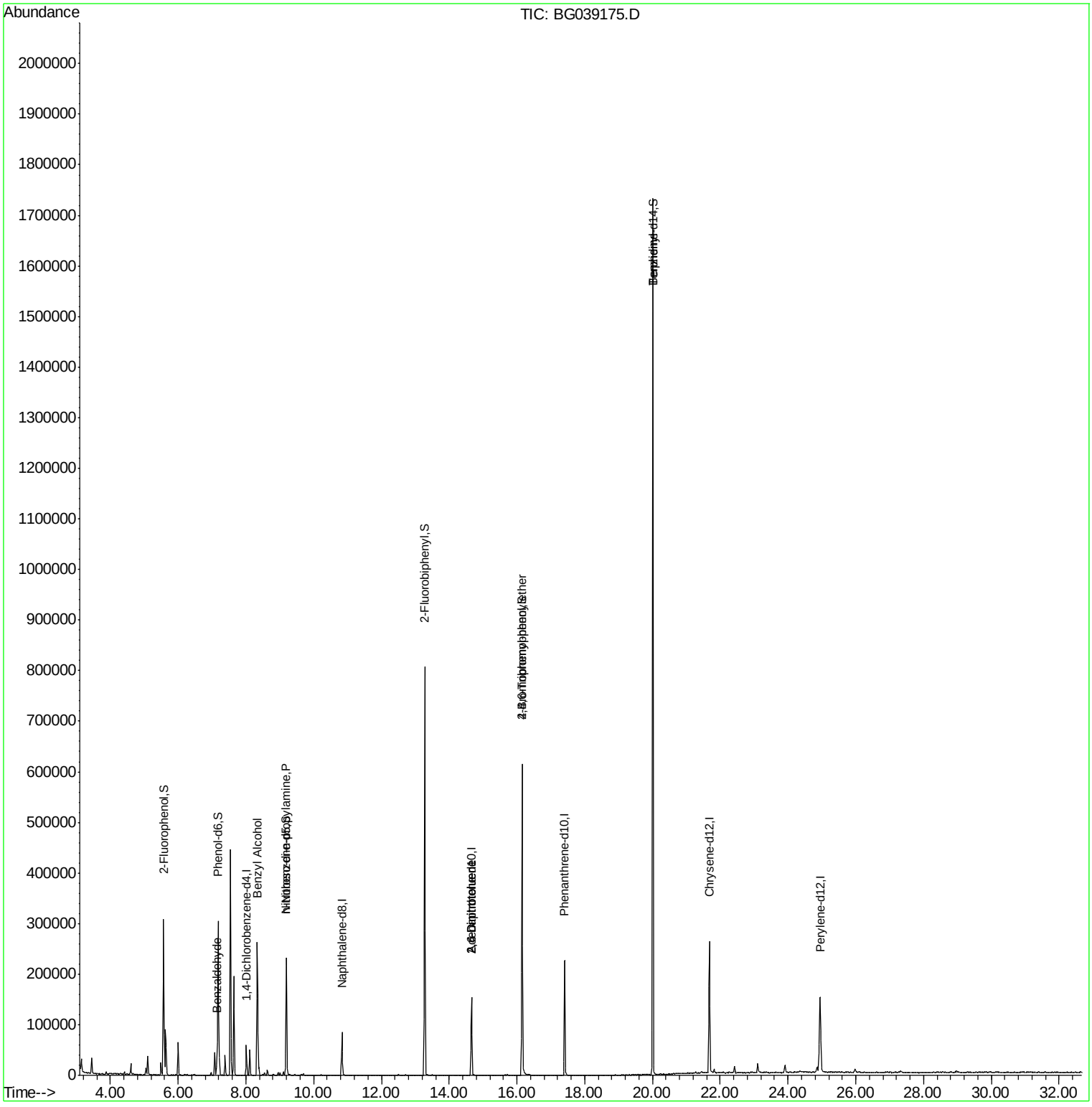
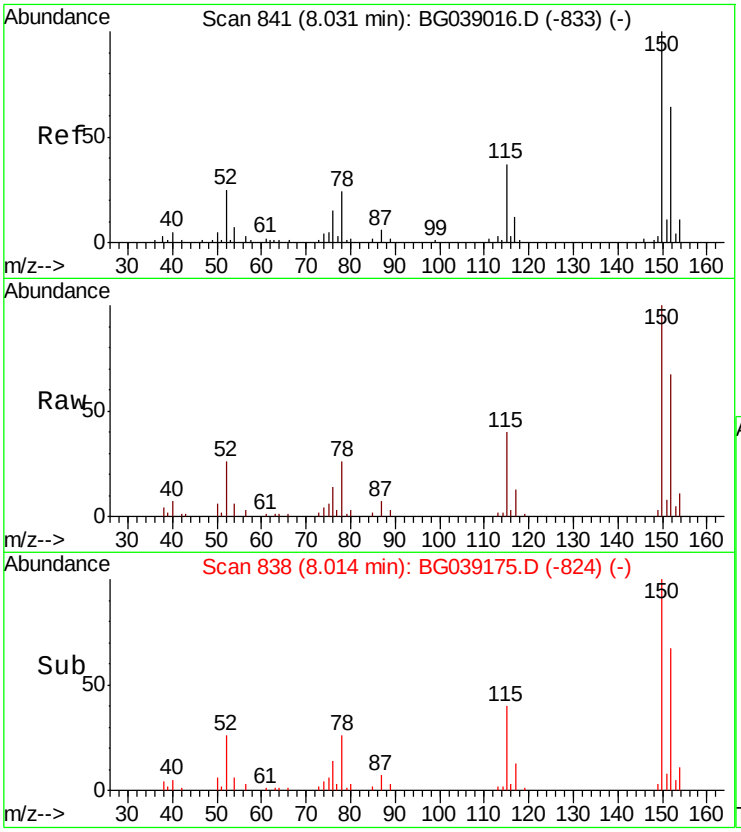


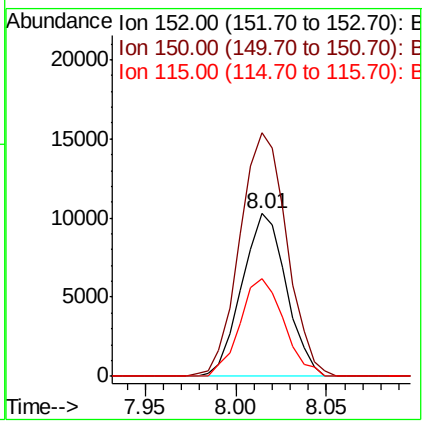


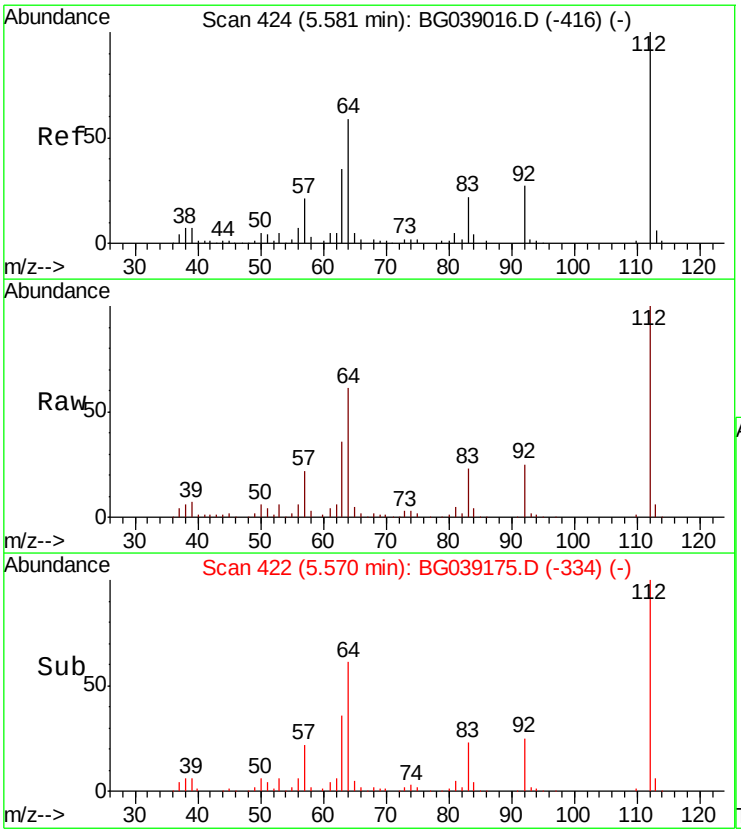
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 17609

Ion	Ratio	Lower	Upper
152	100		
150	149.5	124.7	187.1
115	60.1	46.5	69.7

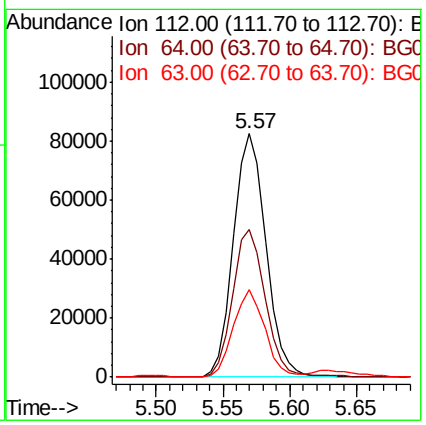


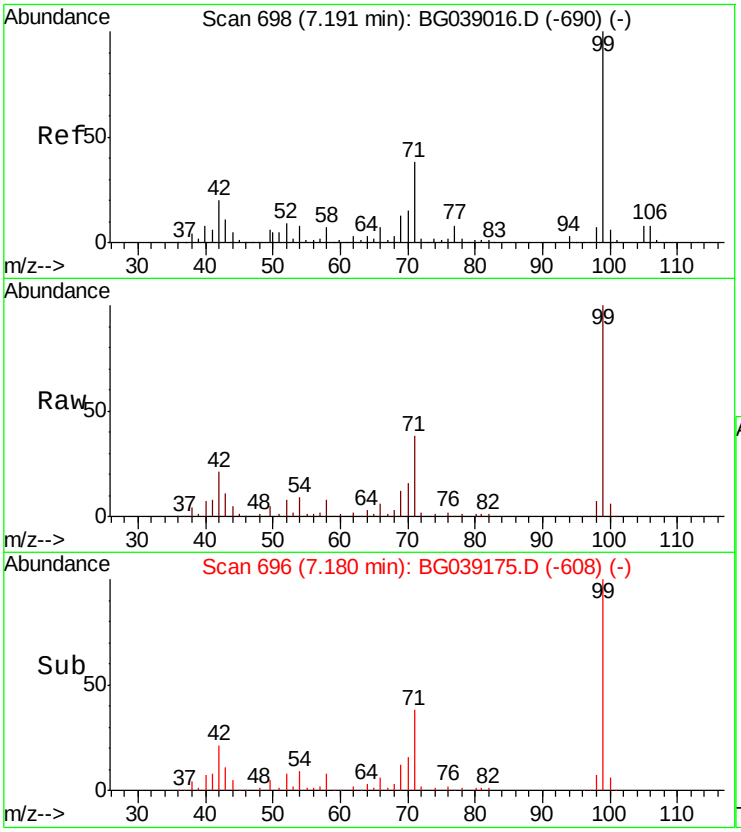


#5
2-Fluorophenol
Concen: 150.365 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:112 Resp: 139578

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.0	70.6
63	36.0	28.0	42.0



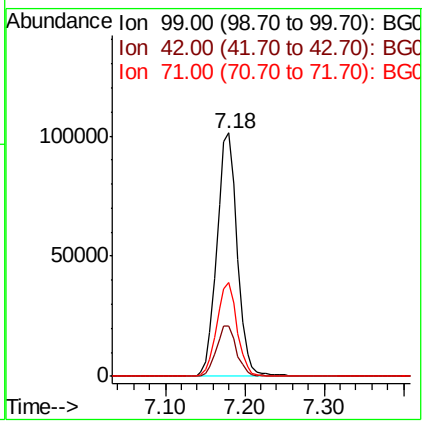


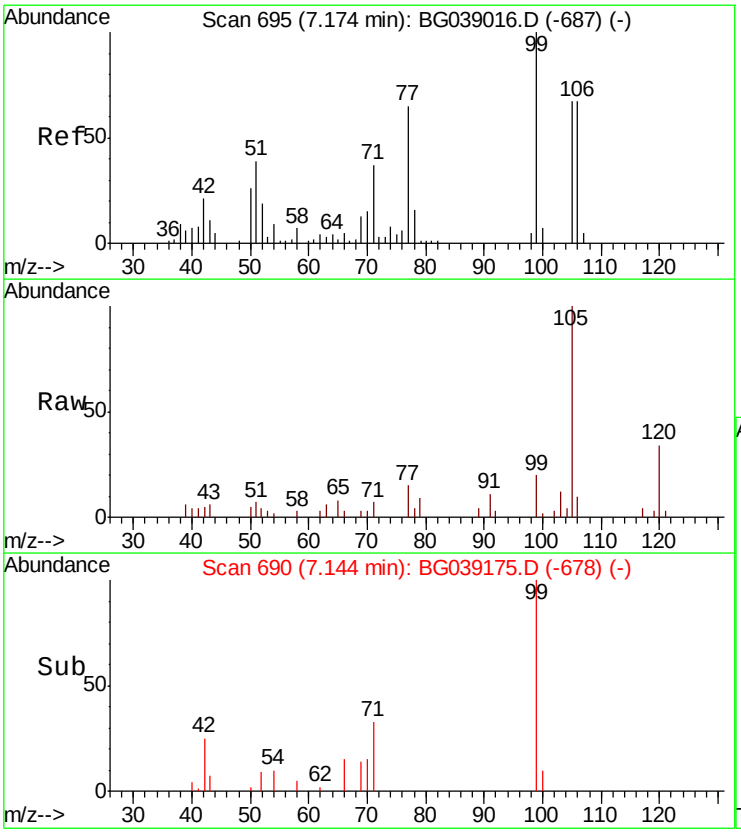
#7
Phenol-d6
Concen: 134.887 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 180194

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.8	23.6
71	38.3	30.2	45.4

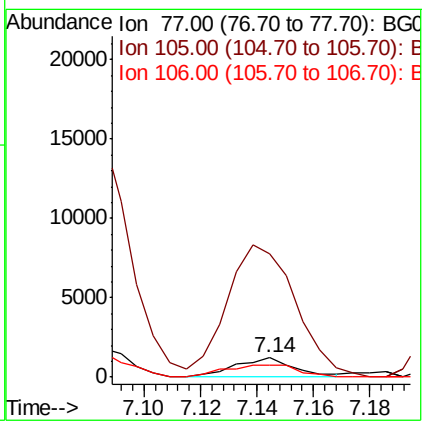


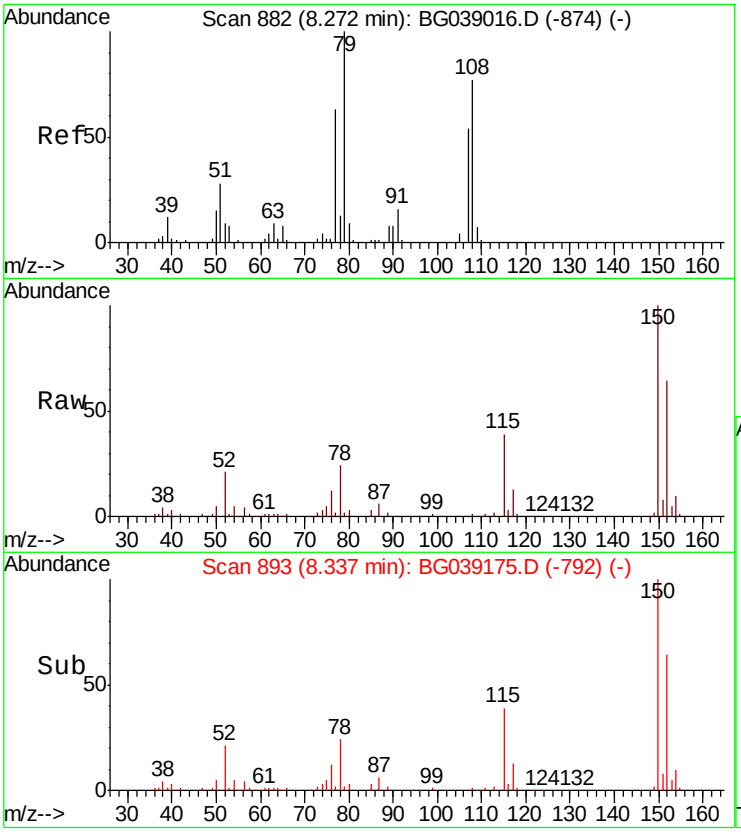


#9
Benzaldehyde
Concen: 2.314 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.03 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion: 77 Resp: 1783

Ion	Ratio	Lower	Upper
77	100		
105	650.4	82.4	122.4#
106	63.6	82.8	122.8#



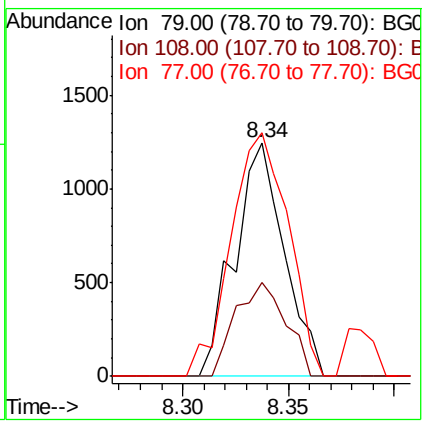


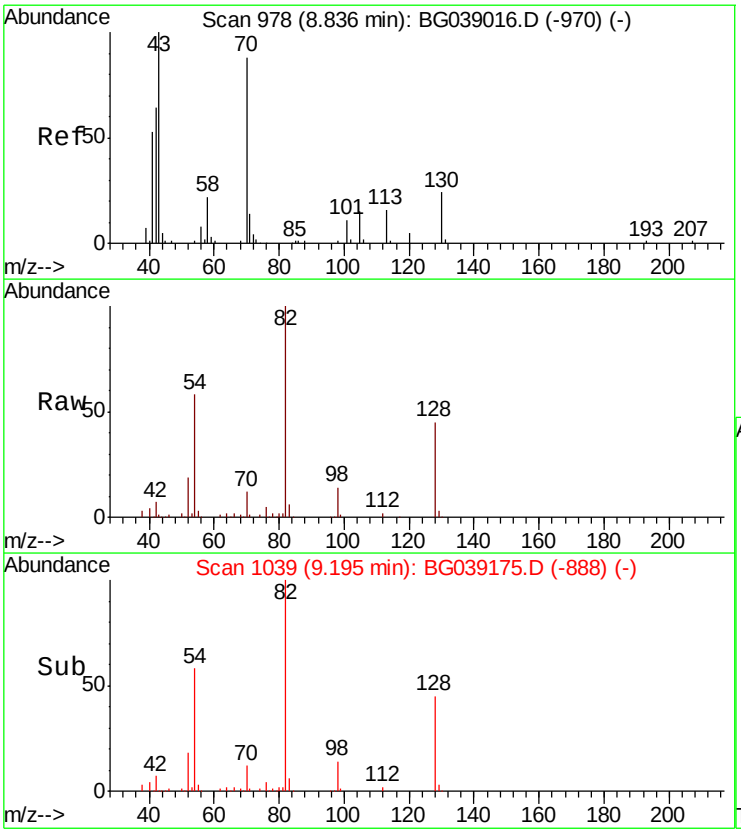
#15
Benzyl Alcohol
Concen: 2.024 ng
RT: 8.34 min Scan# 893
Delta R.T. 0.06 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 79 Resp: 2036

Ion	Ratio	Lower	Upper
79	100		
108	40.1	62.0	93.0#
77	104.1	50.1	75.1#

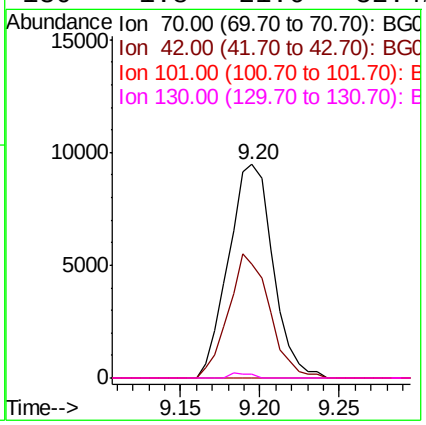


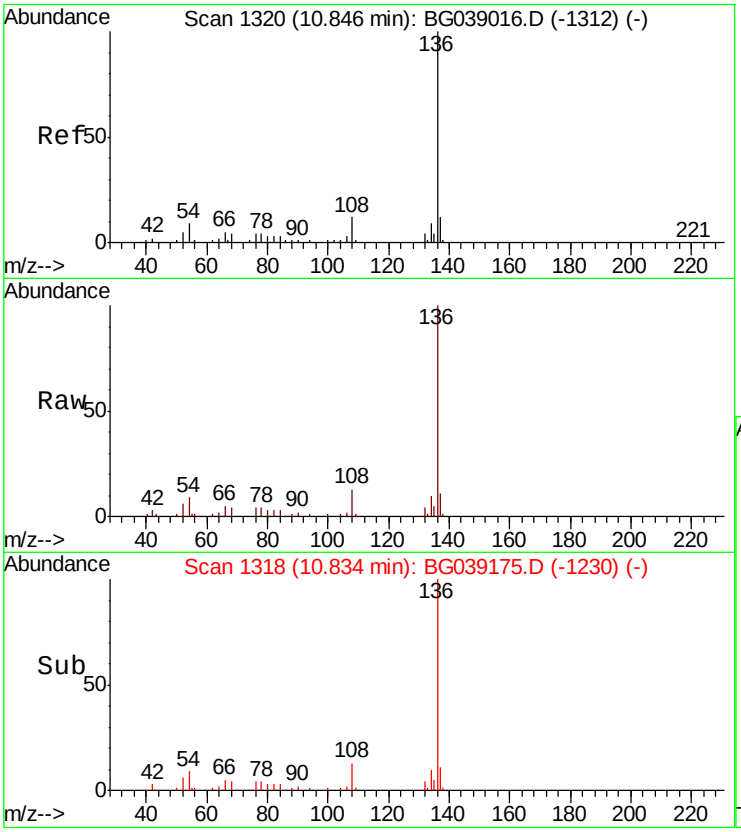


#19
n-Nitroso-di-n-propylamine
Concen: 20.963 ng
RT: 9.20 min Scan# 1039
Delta R.T. 0.36 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion: 70 Resp: 18390

Ion	Ratio	Lower	Upper
70	100		
42	53.1	59.0	88.4#
101	0.0	10.4	15.6#
130	1.8	21.6	32.4#



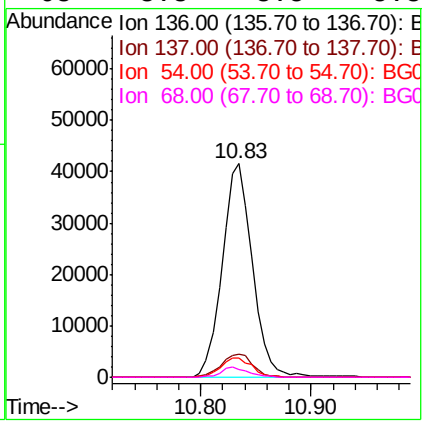


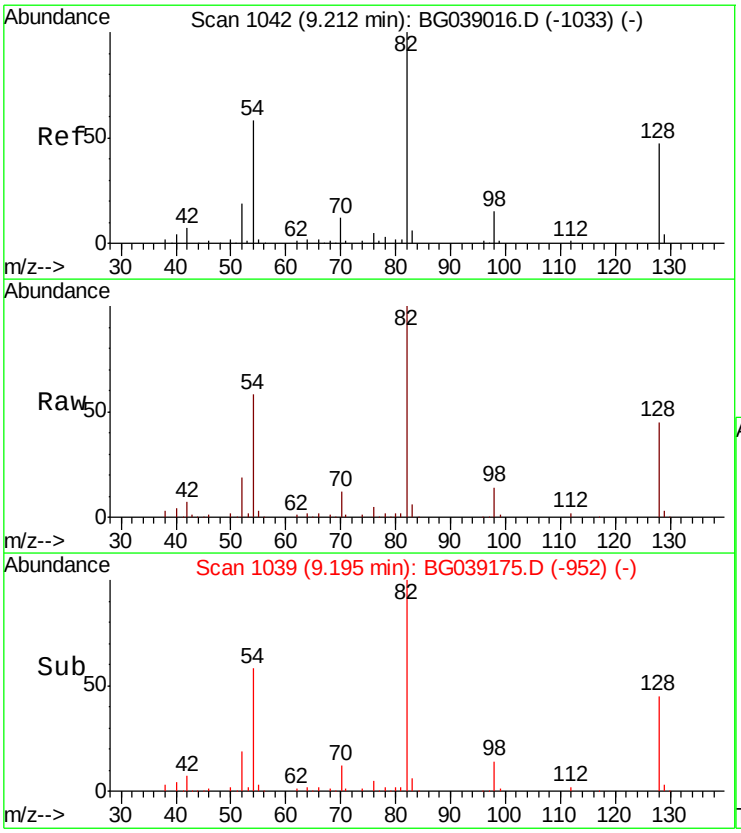
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:136 Resp: 79309

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.0	7.2	10.8
68	3.8	3.5	5.3

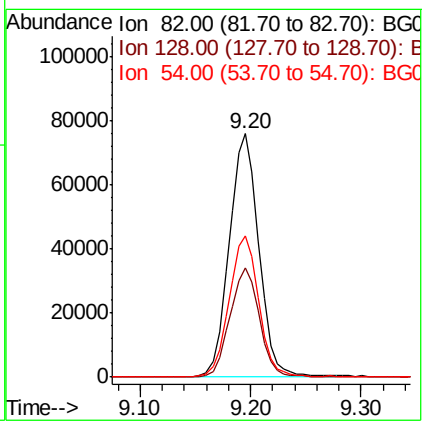


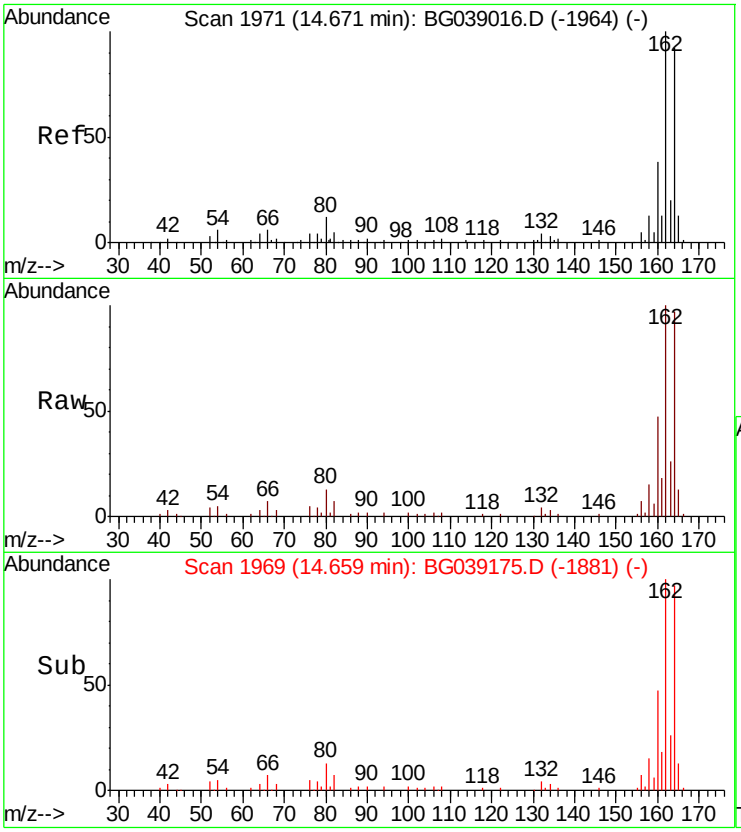


#23
Nitrobenzene-d5
Concen: 98.720 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion: 82 Resp: 143082

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.3	55.9
54	58.1	46.4	69.6



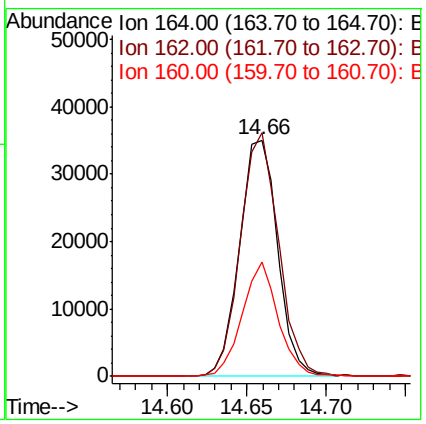


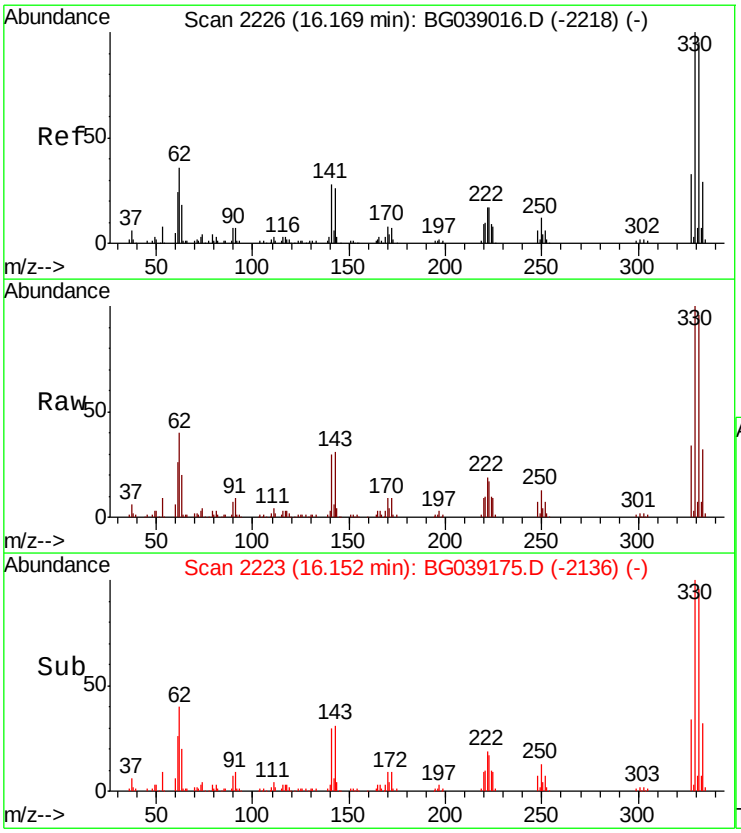
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:164 Resp: 58535

Ion	Ratio	Lower	Upper
164	100		
162	103.2	87.2	130.8
160	48.3	33.3	49.9

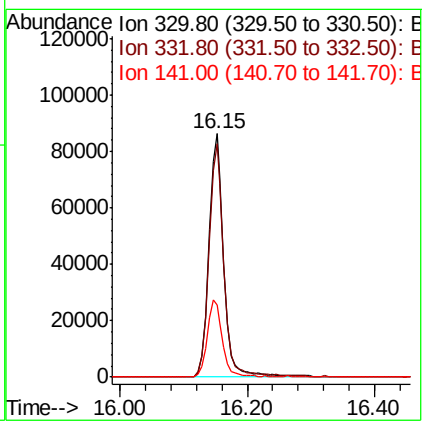


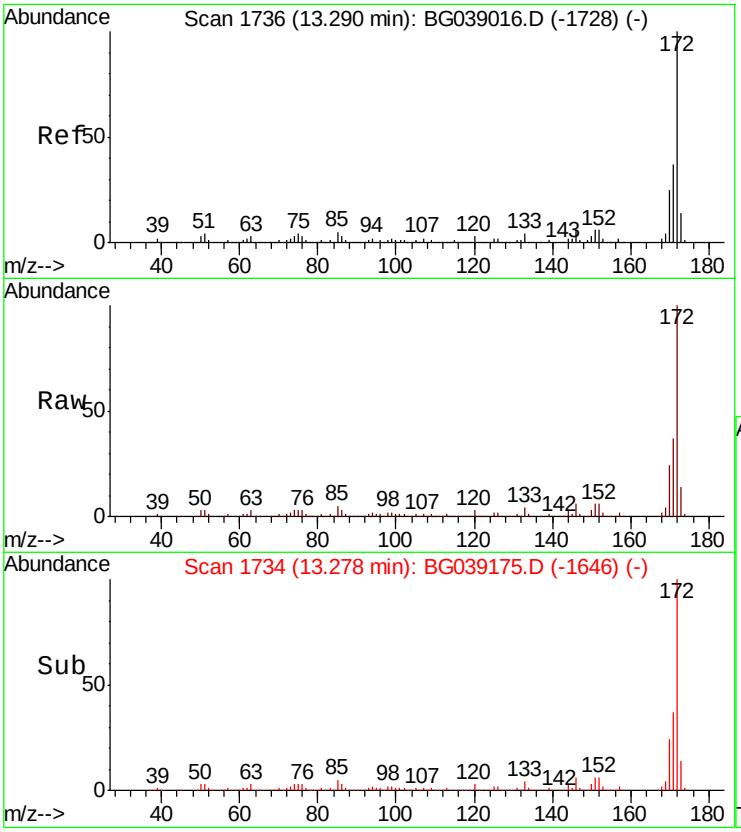


#42
2,4,6-Tribromophenol
Concen: 147.409 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:330 Resp: 144639

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.7	113.5
141	31.7	24.9	37.3



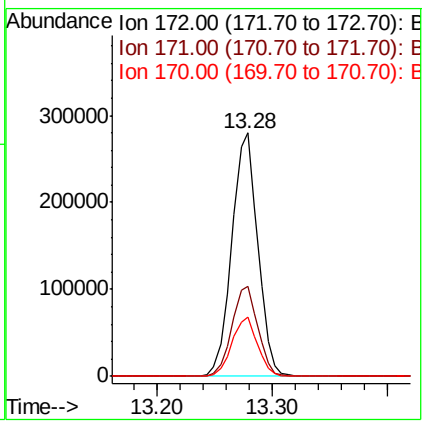


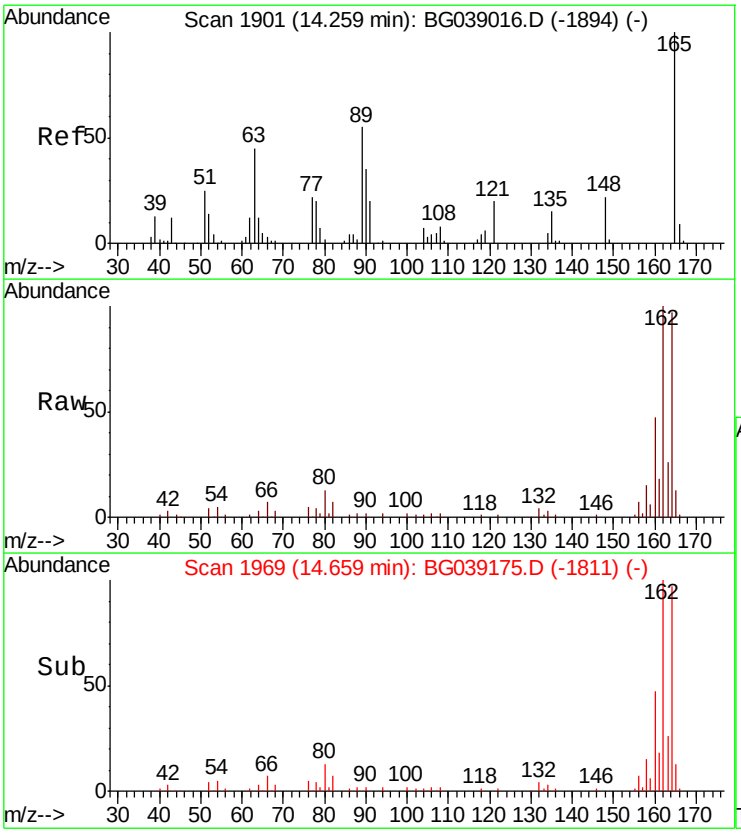
#45
2-Fluorobiphenyl
Concen: 101.849 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:172 Resp: 435619

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.2	20.1	30.1

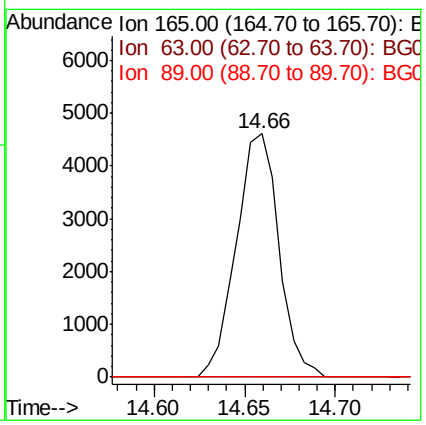


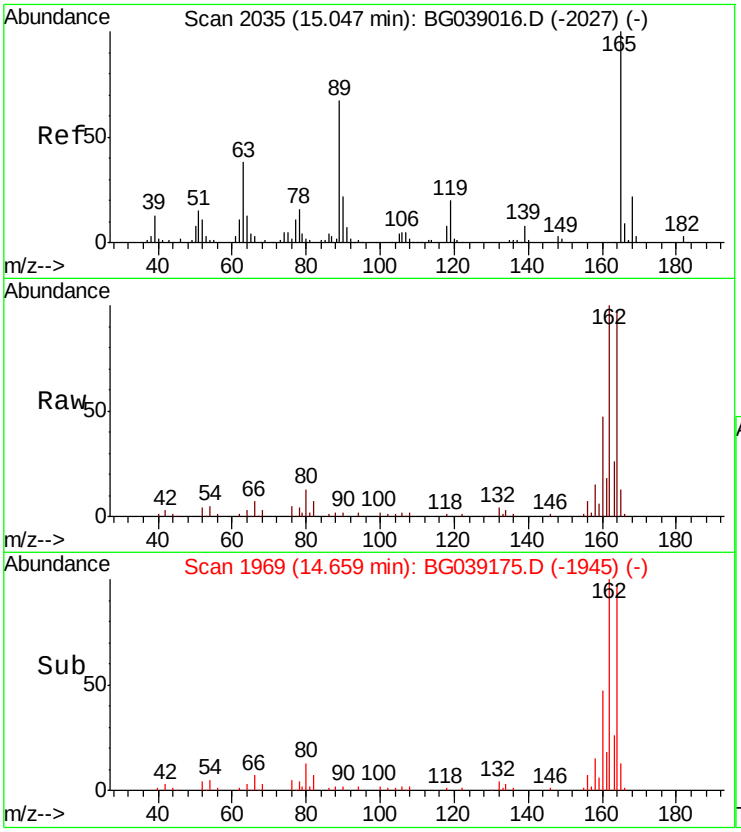


#51
2,6-Dinitrotoluene
Concen: 6.839 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.40 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:165 Resp: 7563

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



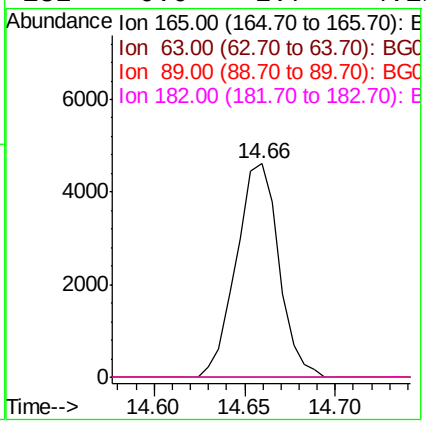


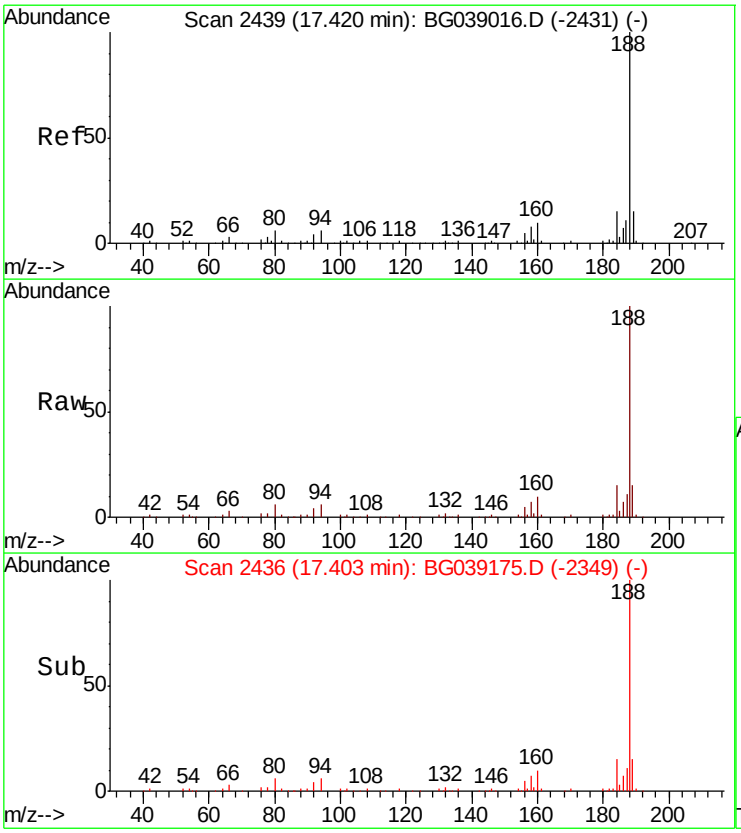
#57
2,4-Dinitrotoluene
Concen: 4.767 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.39 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:165 Resp: 7563

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#

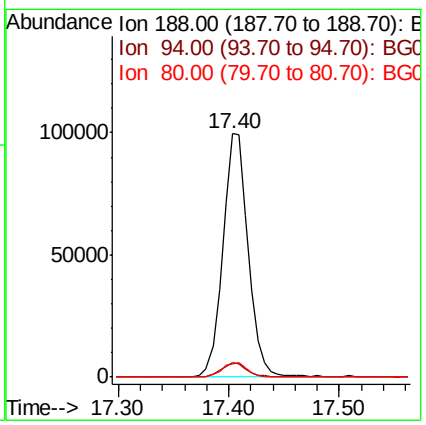


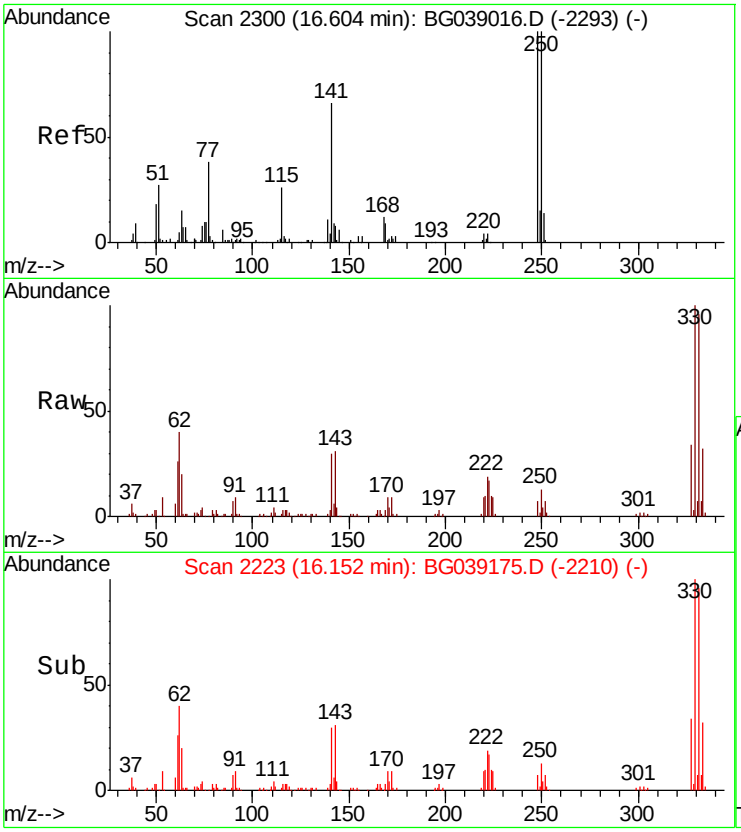


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:188 Resp: 159477

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	5.5	4.7	7.1



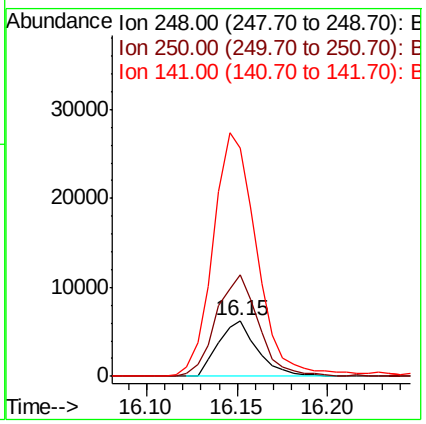


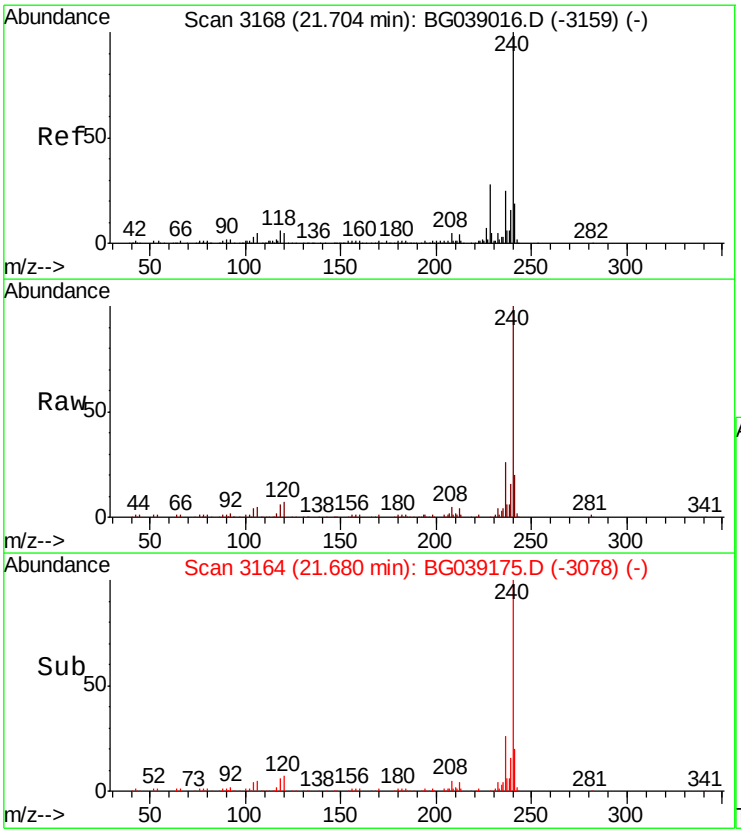
#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:248 Resp: 9338

Ion	Ratio	Lower	Upper
248	100		
250	234.2	79.9	119.9#
141	410.9	52.7	79.1#

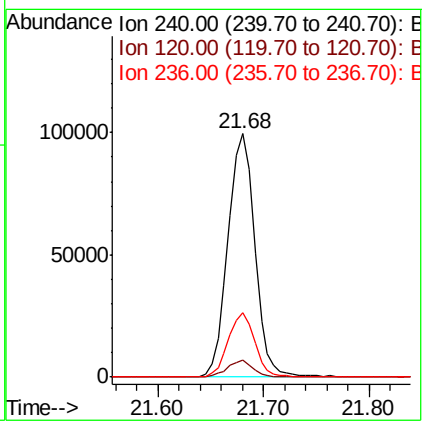


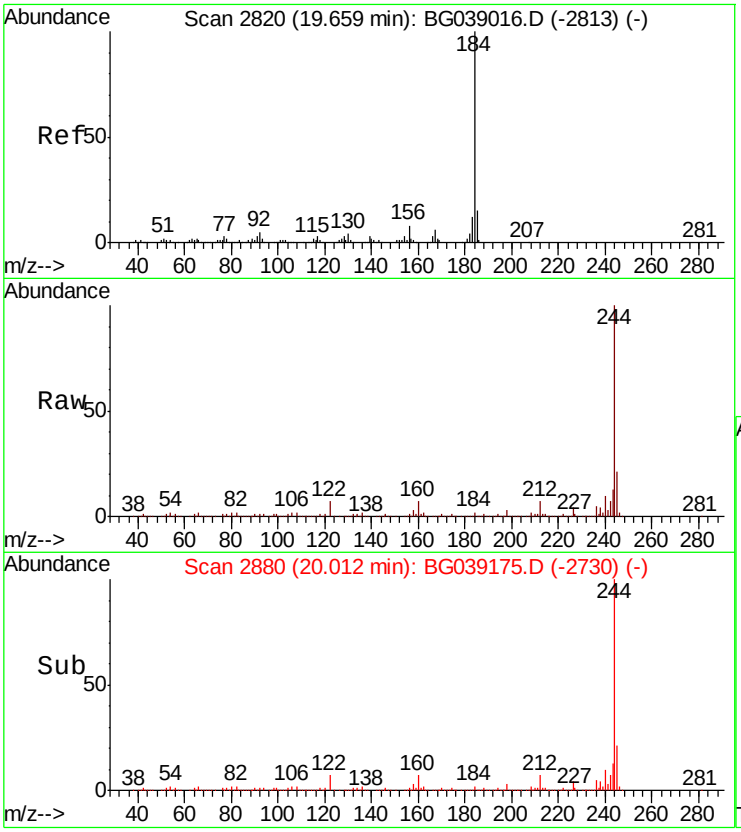


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:240 Resp: 175894

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.3	6.5#
236	26.3	20.1	30.1



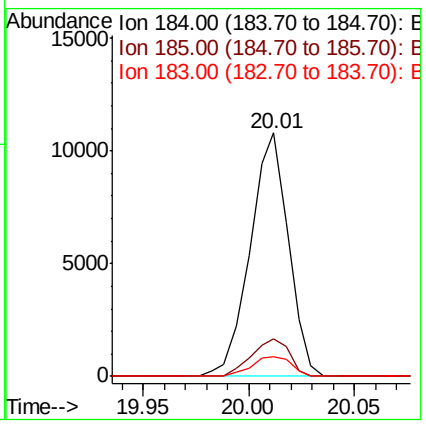


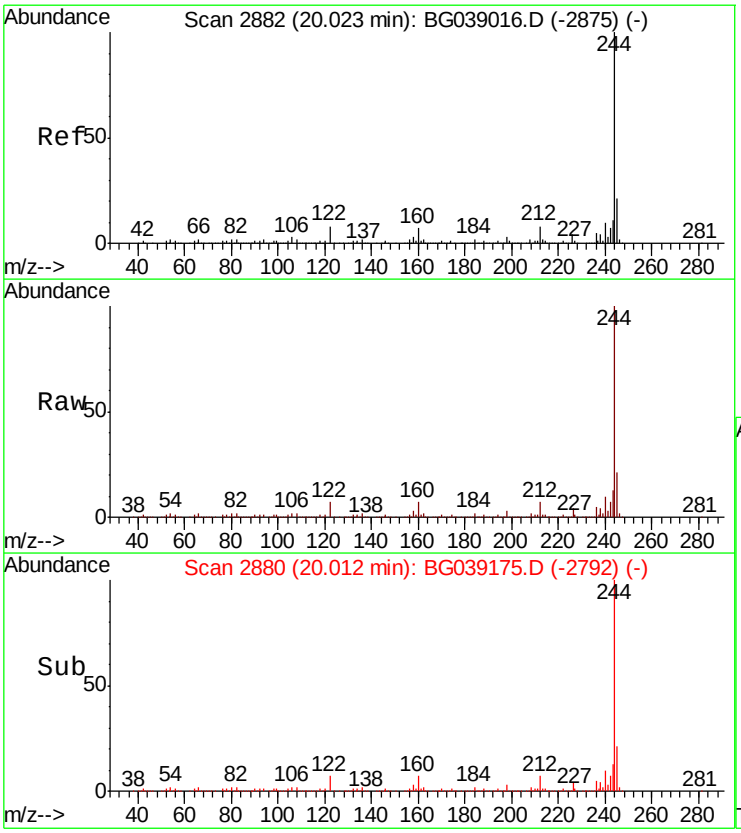
#77
Benzidine
Concen: 2.523 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.35 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:184 Resp: 13574

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.1	18.1
183	8.0	9.5	14.3#

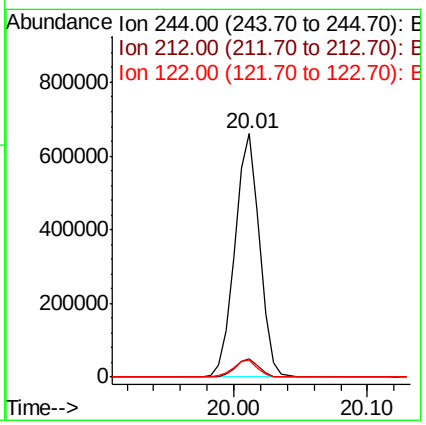


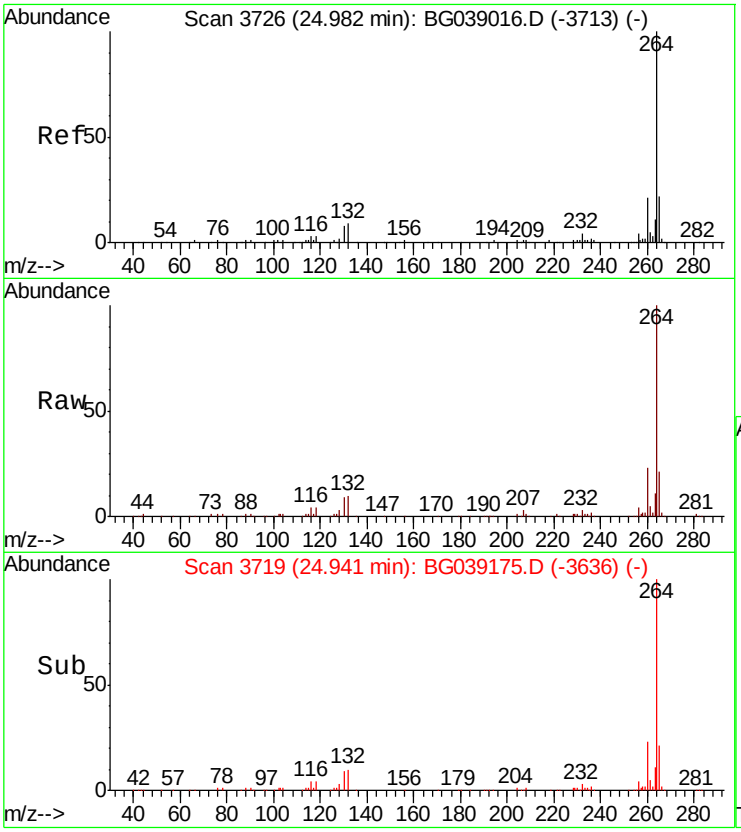


#79
Terphenyl-d14
Concen: 89.155 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:244 Resp: 847718

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.8	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.04 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:264 Resp: 193777

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	20.5	17.2	25.8