Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039172.D
Acq On : 17 Jan 2019 00:56
Operator : JU/SJ
Sample : K1007-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-011419

Quant Time: Jan 17 04:06:07 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	8.02	152	19554	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	83437	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	62252	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	180159	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	185233	20.00	ng	-0.02
87) Perylene-d12	24.95	264	196457	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	185184	179.65	ng	0.00
7) Phenol-d6	7.18	99	192924	130.05	ng	0.00
23) Nitrobenzene-d5	9.20	82	151926	99.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	155552	149.07	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	425275	93.49	ng	0.00
79) Terphenyl-d14	20.01	244	976921	97.56	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	20026	20.558	ng	# 67
51) 2,6-Dinitrotoluene	14.66	165	7856	6.680	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7856	4.656	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	10235	4.420	ng	# 1
77) Benzidine	20.01	184	16014	2.827	ng	# 96

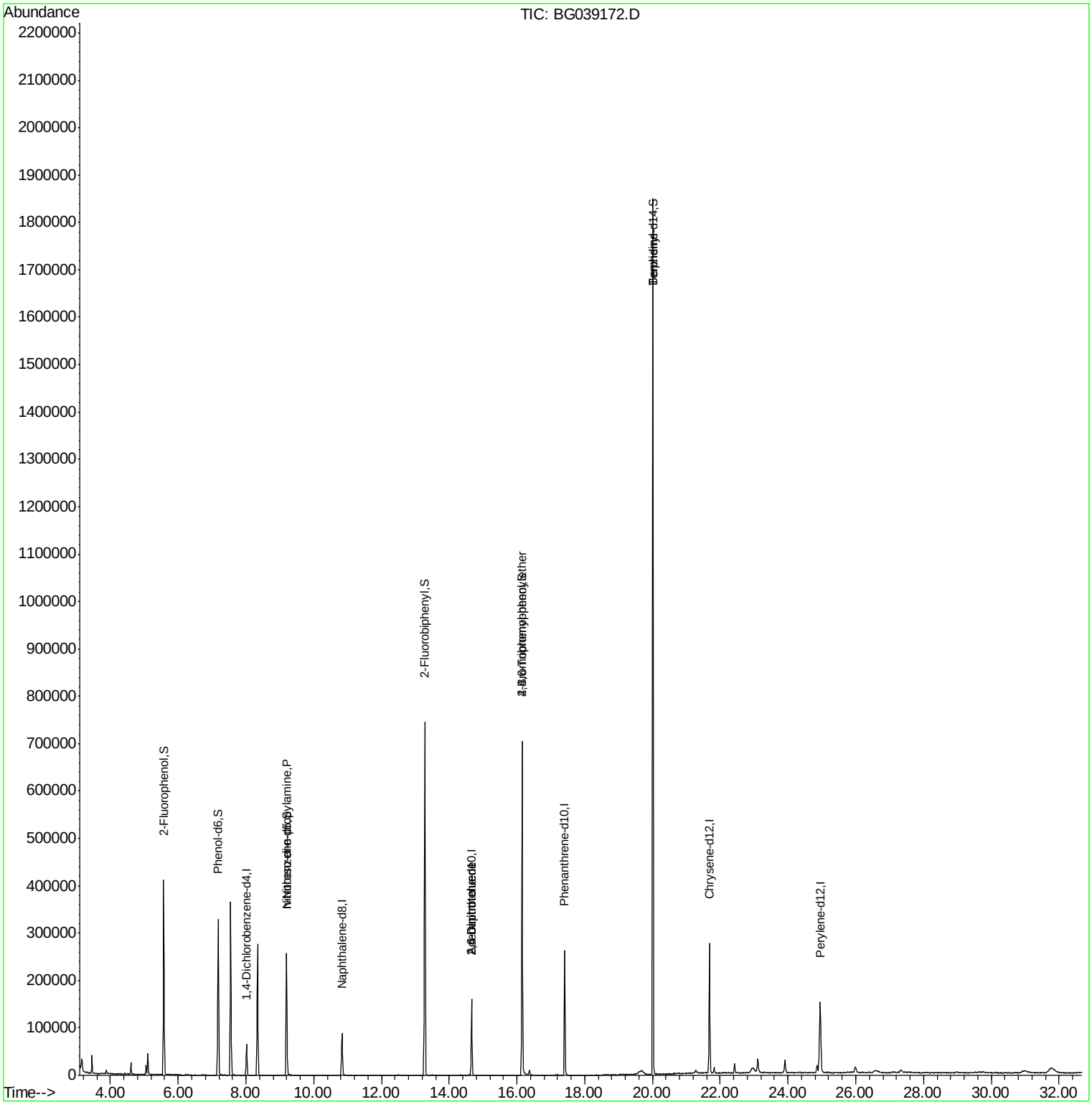
(#) = qualifier out of range (m) = manual integration (+) = signals summed

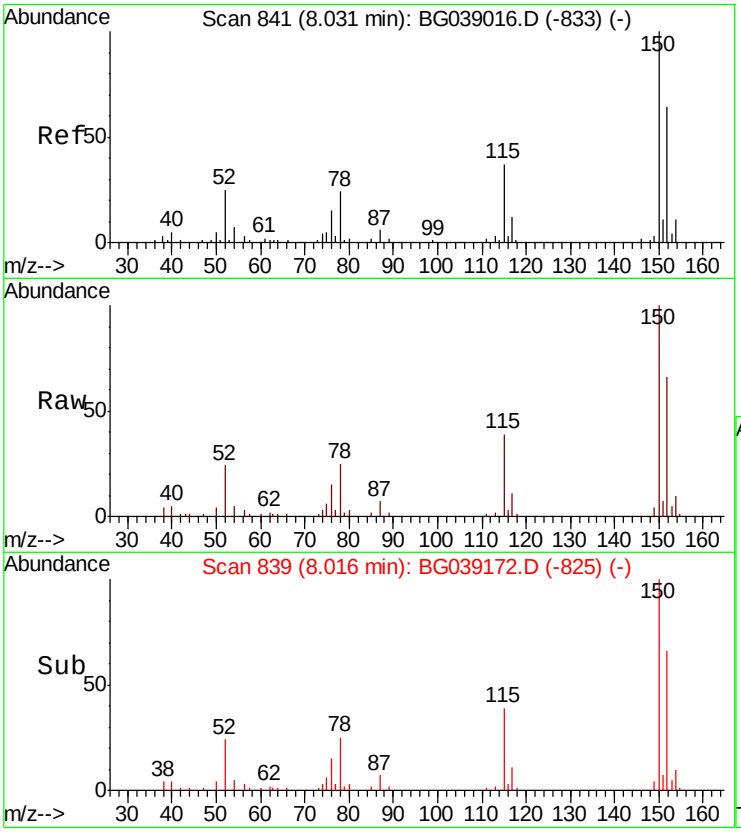
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039172.D
Acq On : 17 Jan 2019 00:56
Operator : JU/SJ
Sample : K1007-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Quant Time: Jan 17 04:06:07 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



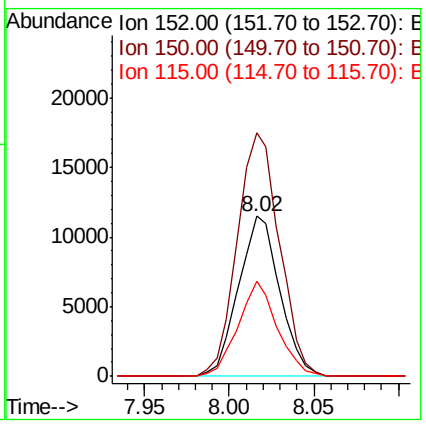


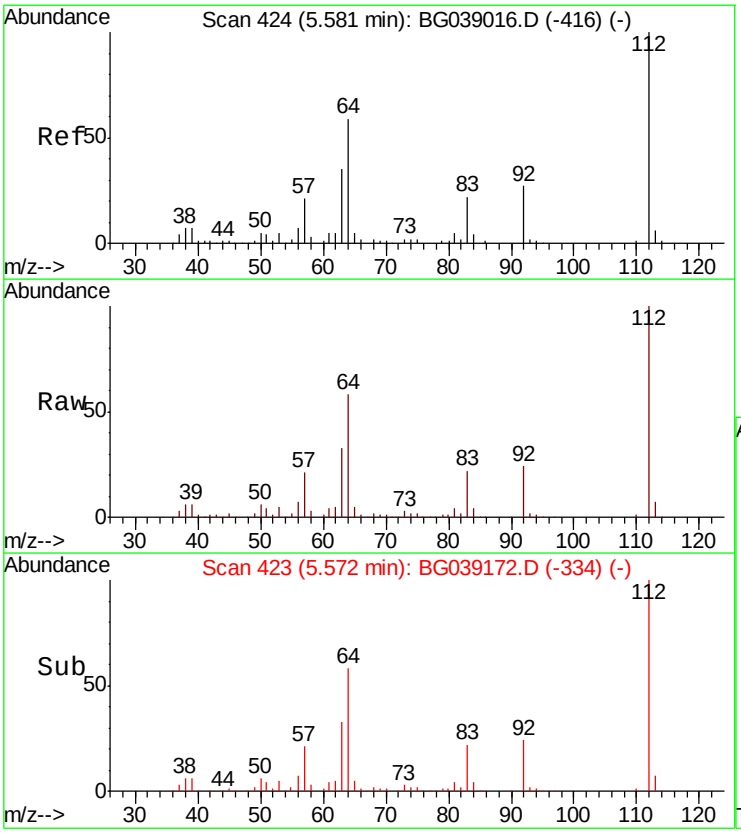
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:152 Resp: 19554

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.7	187.1
115	59.2	46.5	69.7

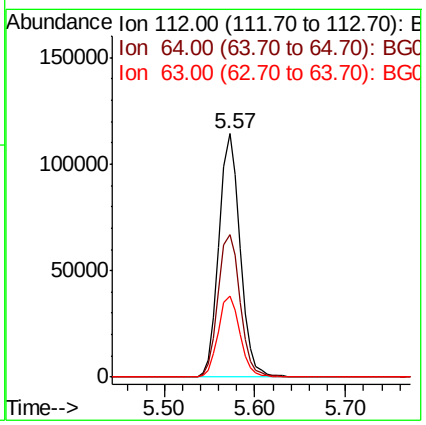


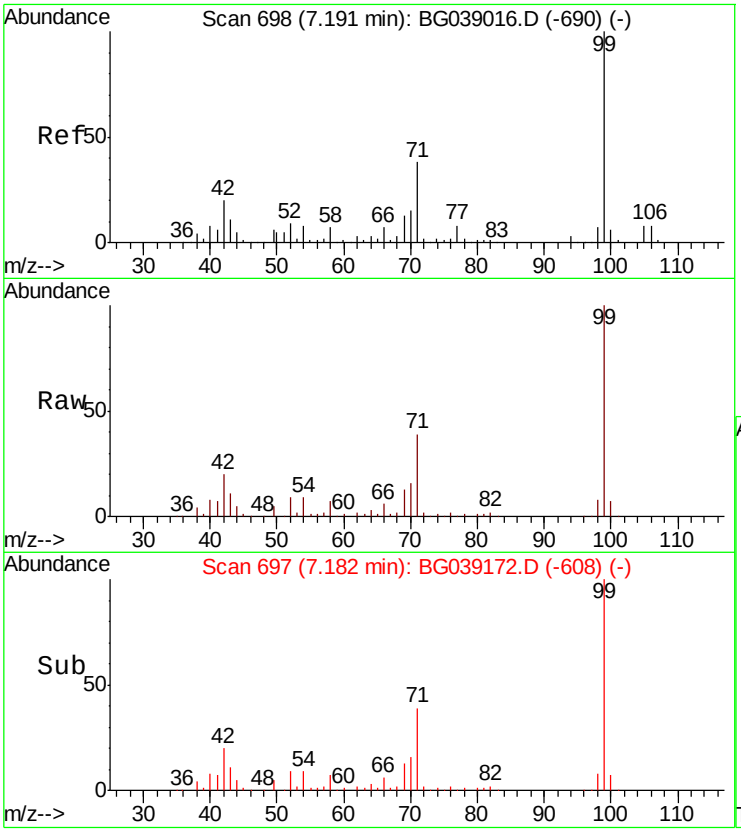


#5
2-Fluorophenol
Concen: 179.652 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:112 Resp: 185184

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.0	70.6
63	33.4	28.0	42.0



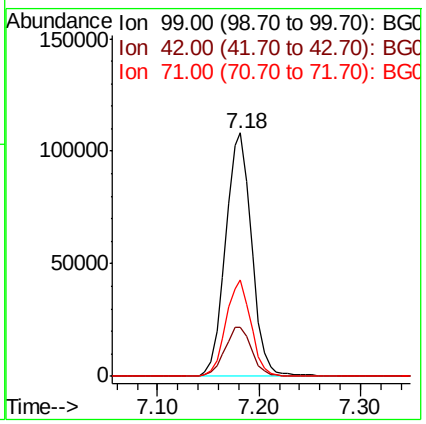


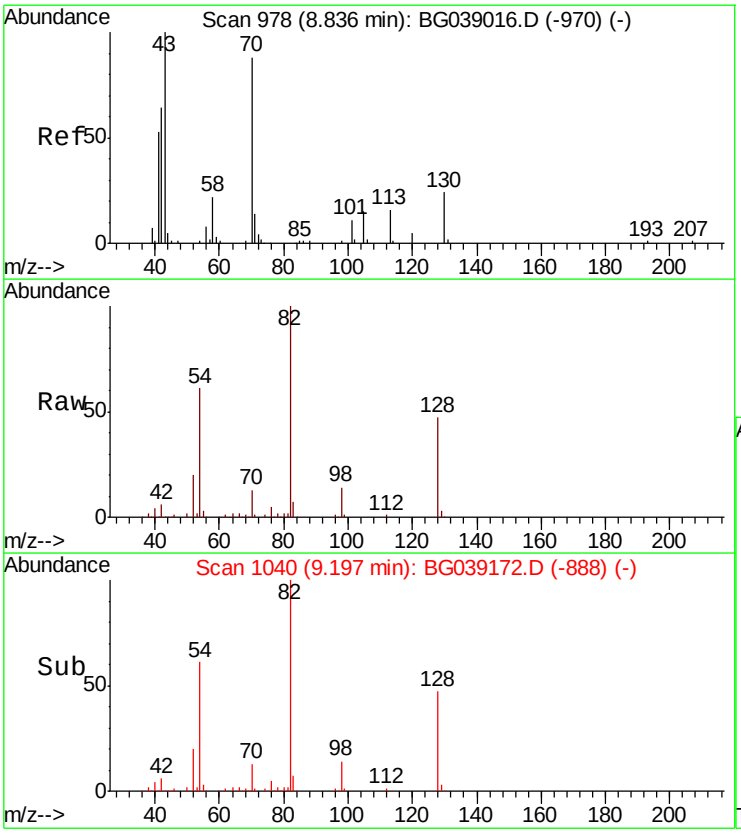
#7
Phenol-d6
Concen: 130.051 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion: 99 Resp: 192924

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.6
71	39.4	30.2	45.4

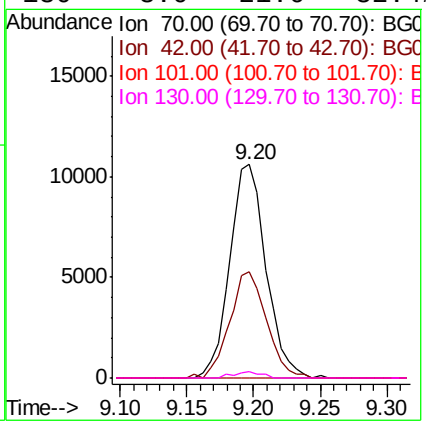


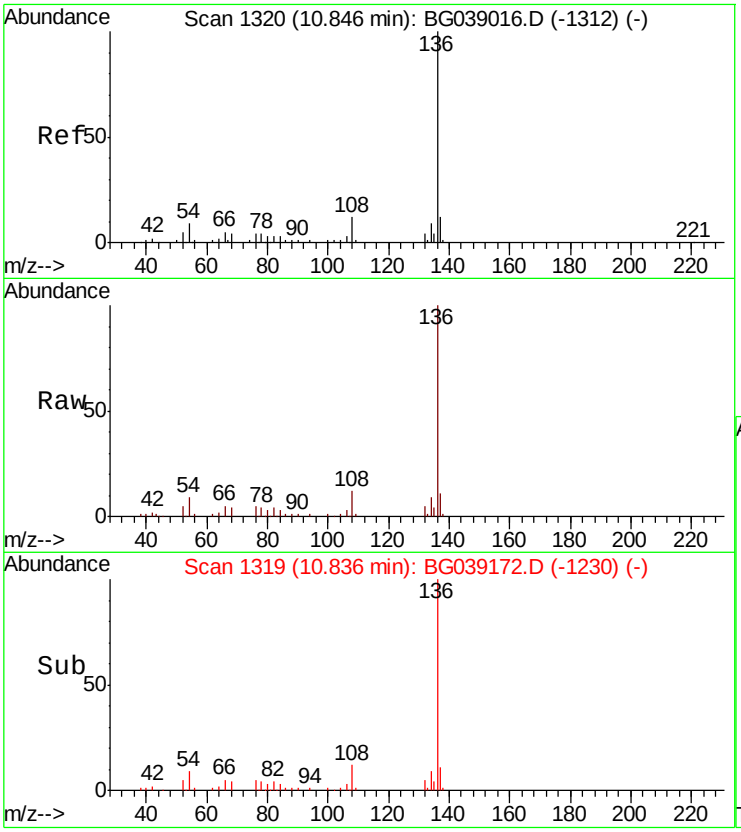


#19
n-Nitroso-di-n-propylamine
Concen: 20.558 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.36 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion: 70 Resp: 20026

Ion	Ratio	Lower	Upper
70	100		
42	49.6	59.0	88.4#
101	0.0	10.4	15.6#
130	3.0	21.6	32.4#



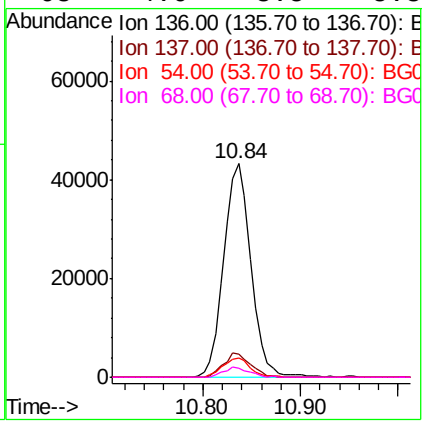


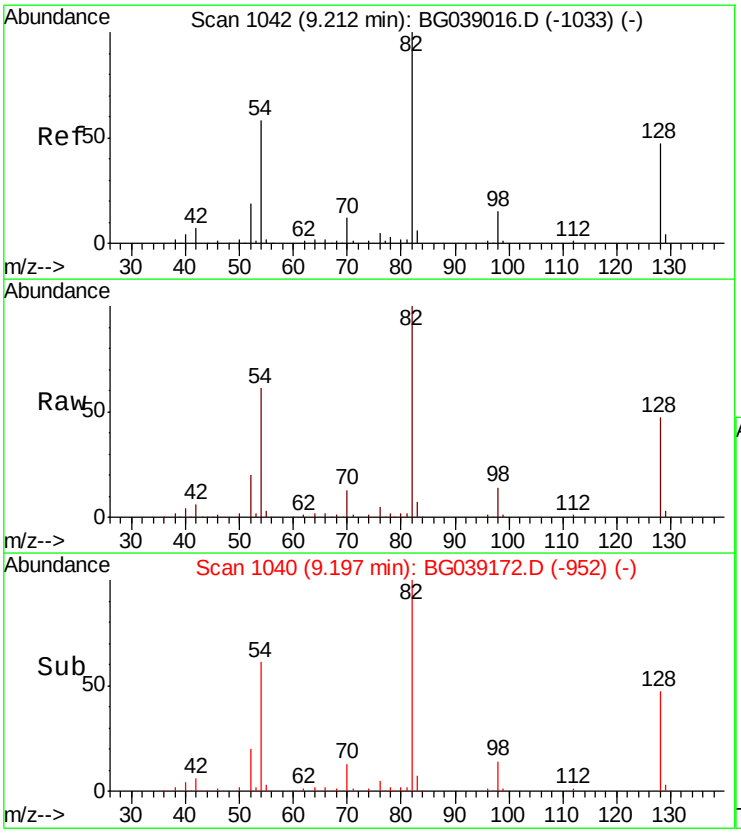
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:136 Resp: 83437

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.3	7.2	10.8
68	4.0	3.5	5.3

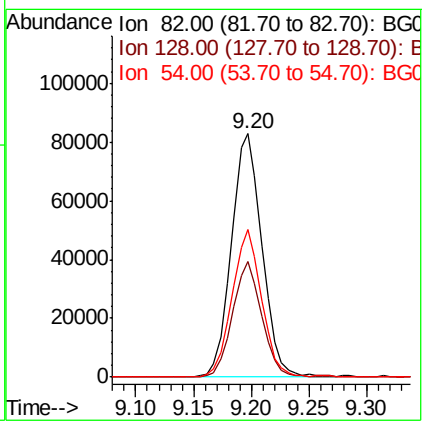


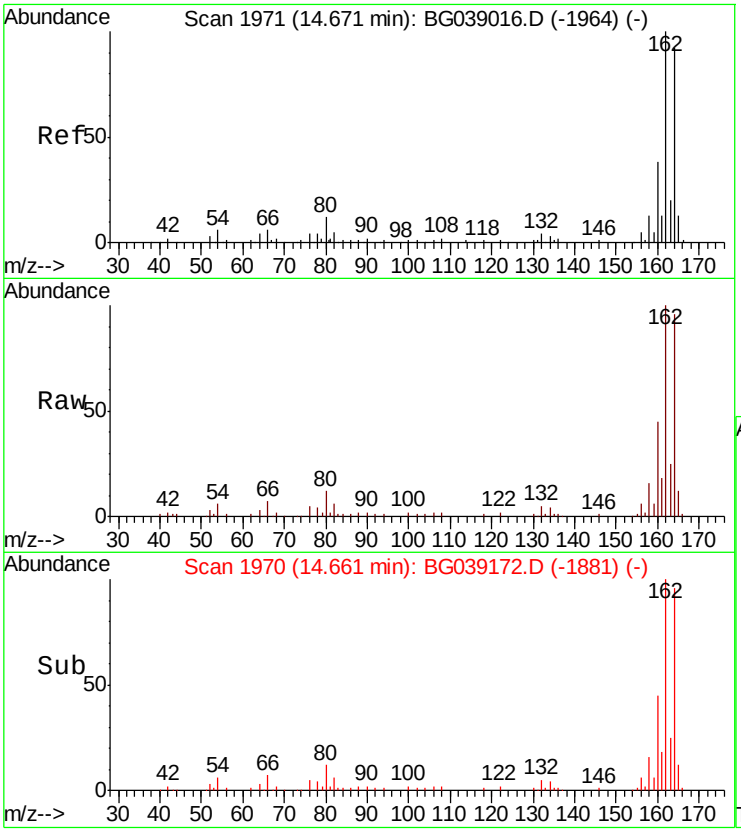


#23
Nitrobenzene-d5
Concen: 99.636 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion: 82 Resp: 151926

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.3	55.9
54	60.5	46.4	69.6



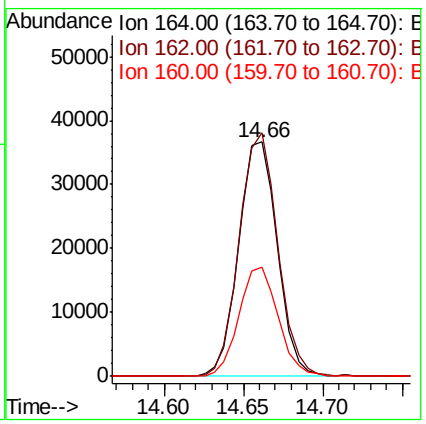


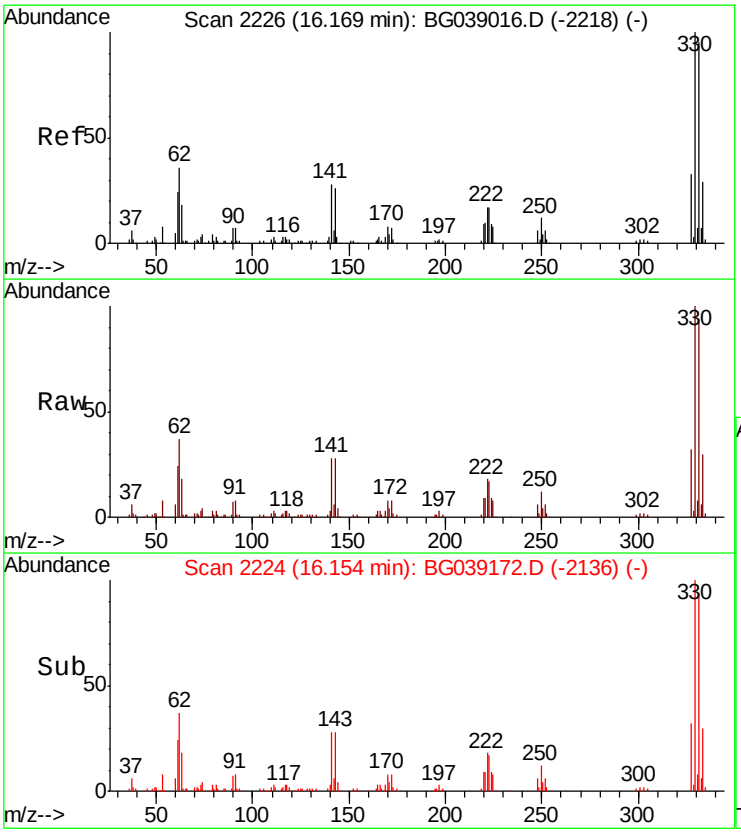
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:164 Resp: 62252

Ion	Ratio	Lower	Upper
164	100		
162	104.0	87.2	130.8
160	46.9	33.3	49.9

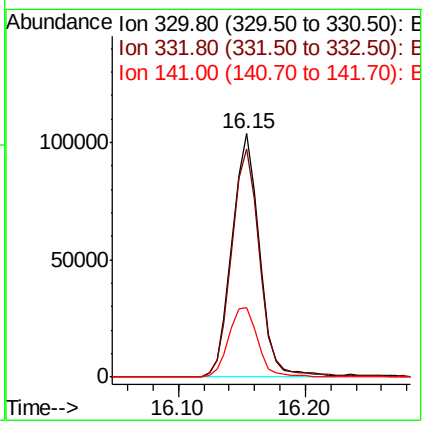


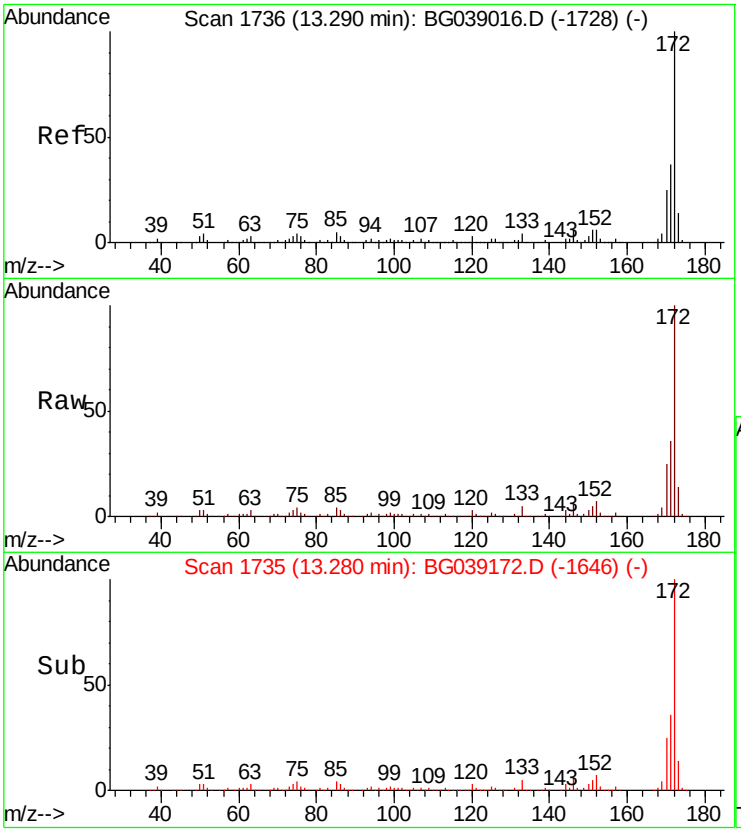


#42
2,4,6-Tribromophenol
Concen: 149.065 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:330 Resp: 155552

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	30.6	24.9	37.3



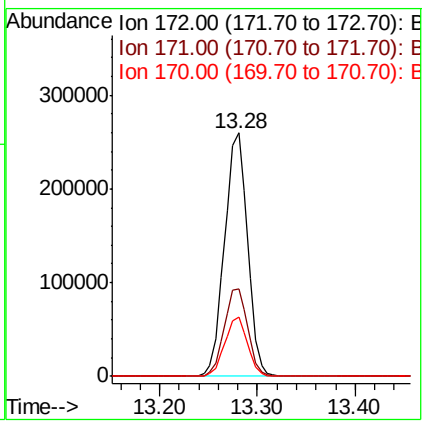


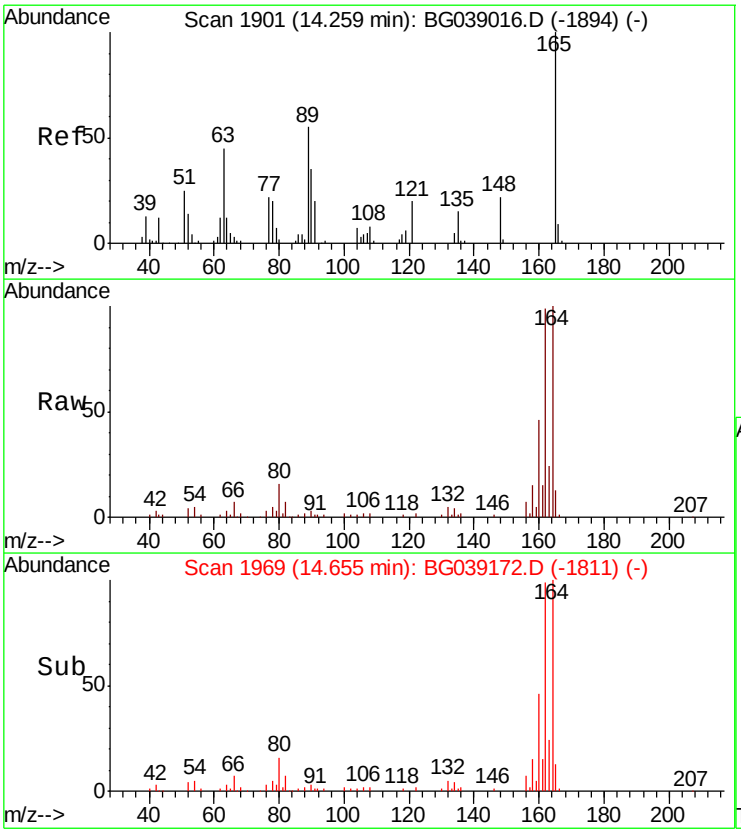
#45
2-Fluorobiphenyl
Concen: 93.494 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:172 Resp: 425275

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.6	20.1	30.1

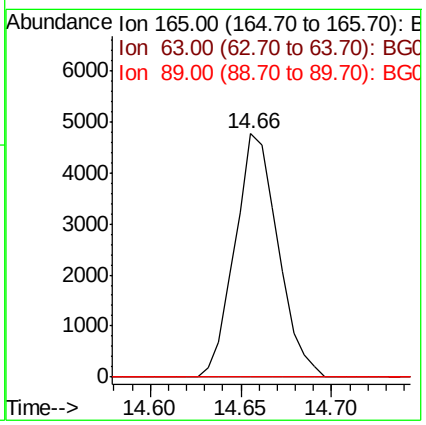


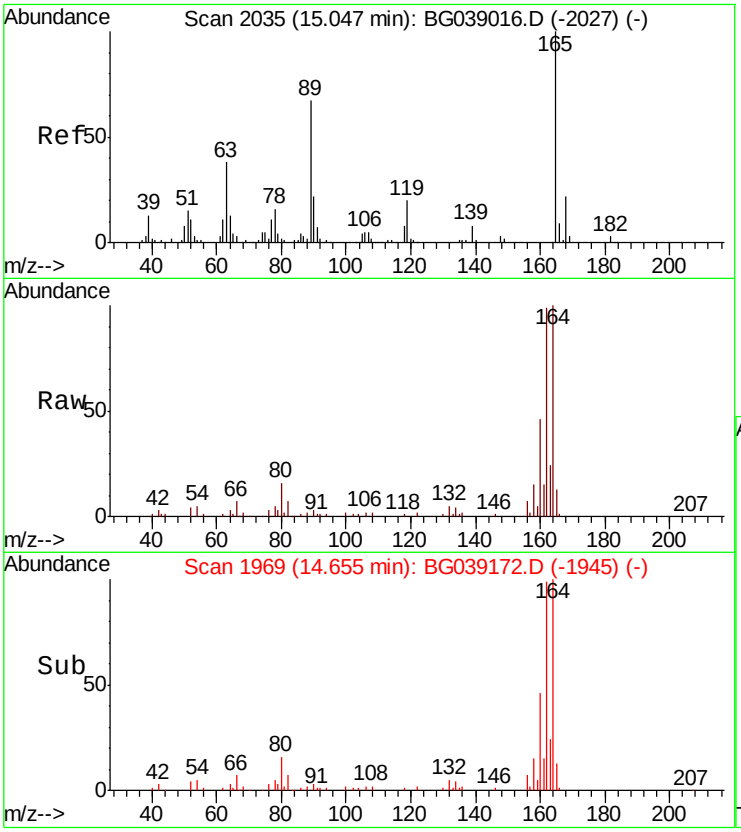


#51
2,6-Dinitrotoluene
Concen: 6.680 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.40 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:165 Resp: 7856

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



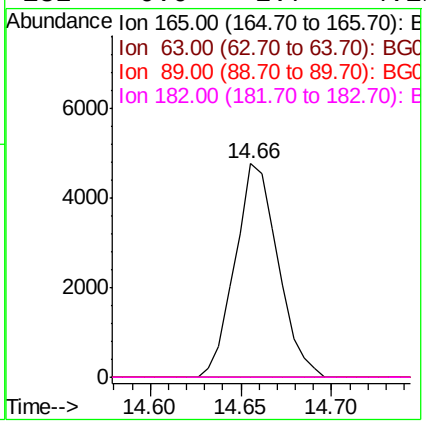


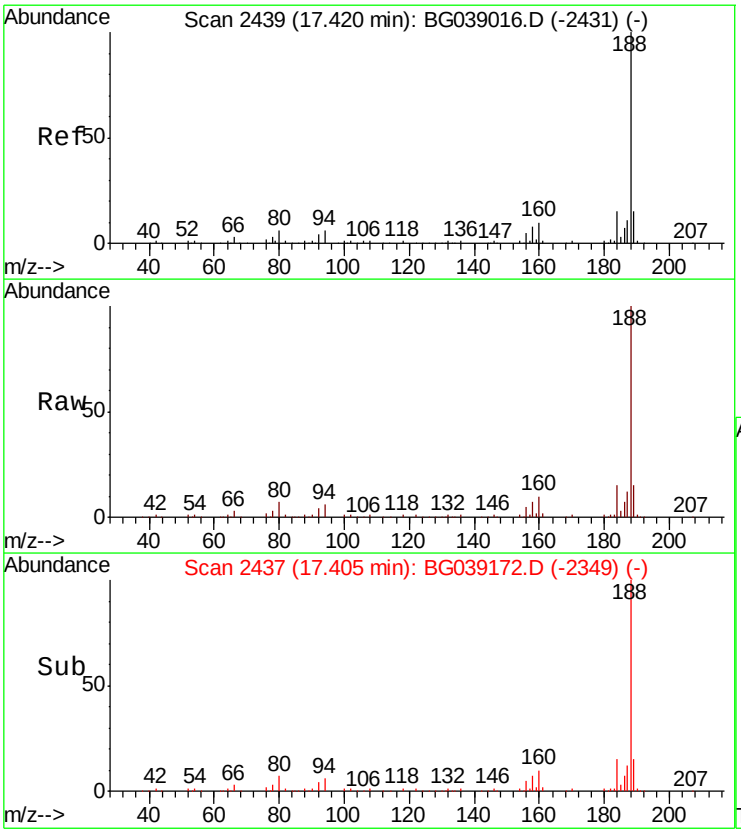
#57
2,4-Dinitrotoluene
Concen: 4.656 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.39 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:165 Resp: 7856

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#

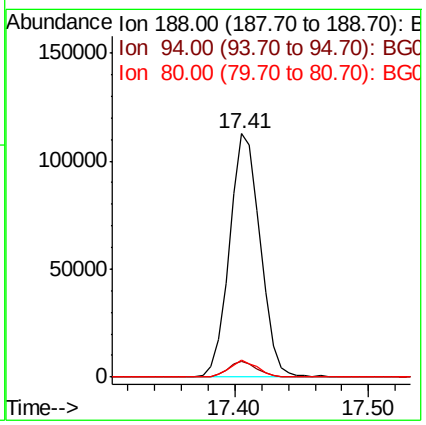


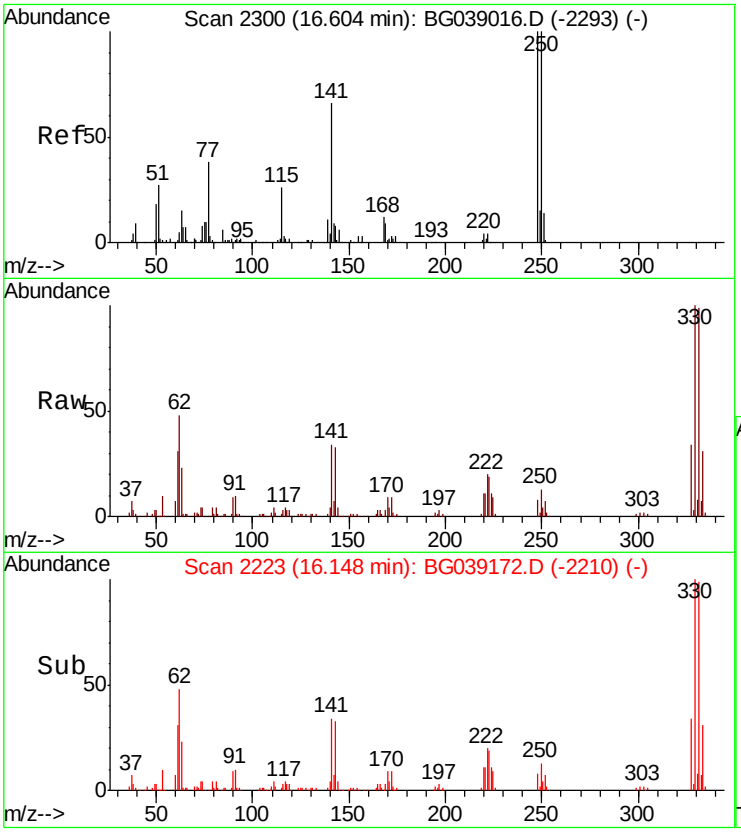


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:188 Resp: 180159

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	7.0	4.7	7.1



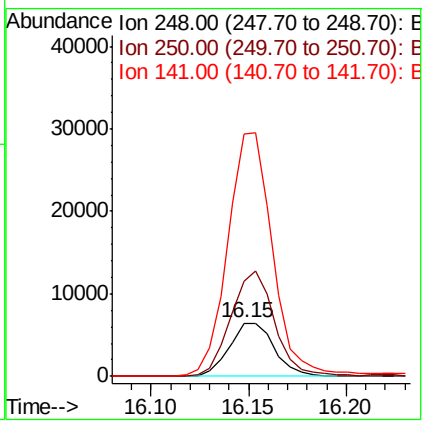


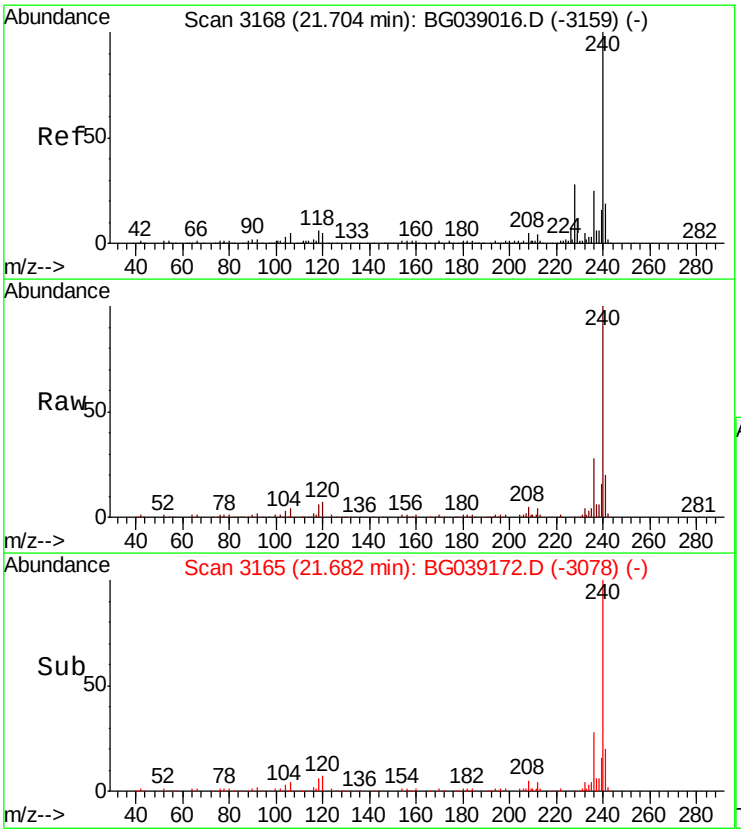
#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.46 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:248 Resp: 10235

Ion	Ratio	Lower	Upper
248	100		
250	230.3	79.9	119.9#
141	453.4	52.7	79.1#

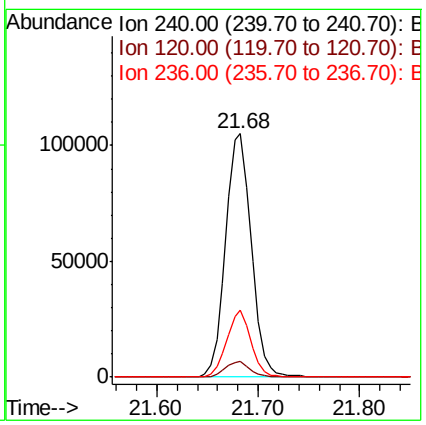


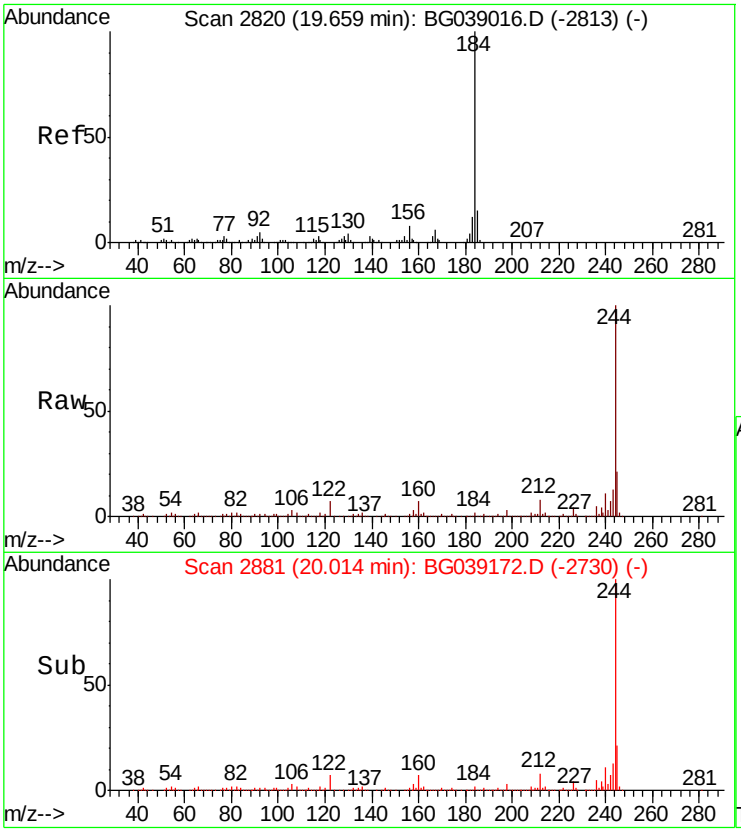


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:240 Resp: 185233

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.3	6.5#
236	27.6	20.1	30.1



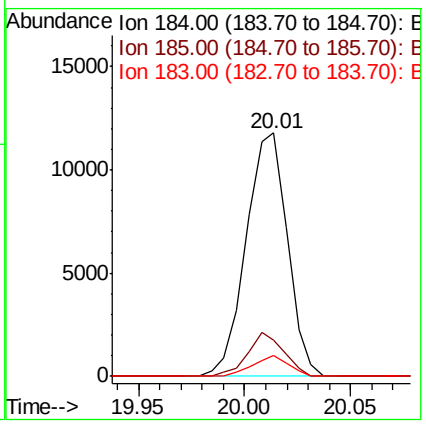


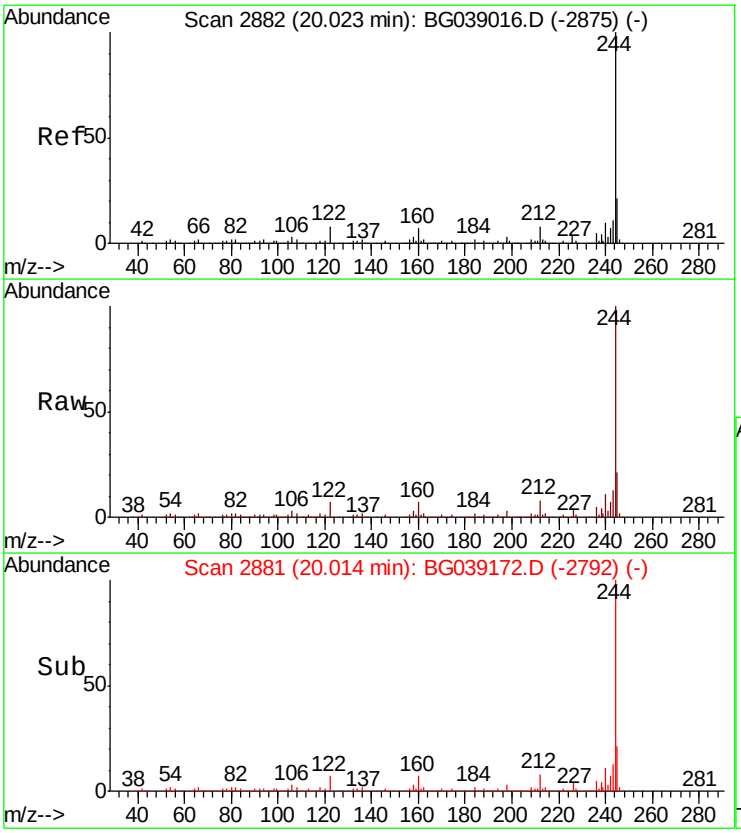
#77
Benzidine
Concen: 2.827 ng
RT: 20.01 min Scan# 2881
Delta R.T. 0.35 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:184 Resp: 16014

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.1	18.1
183	8.8	9.5	14.3#

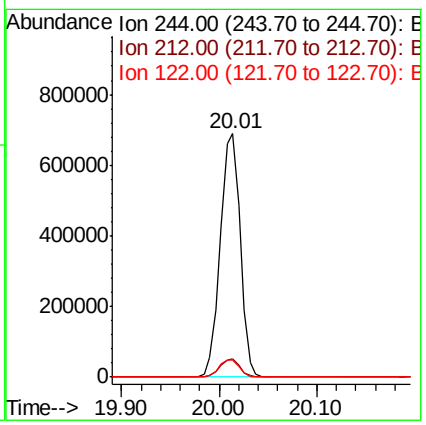


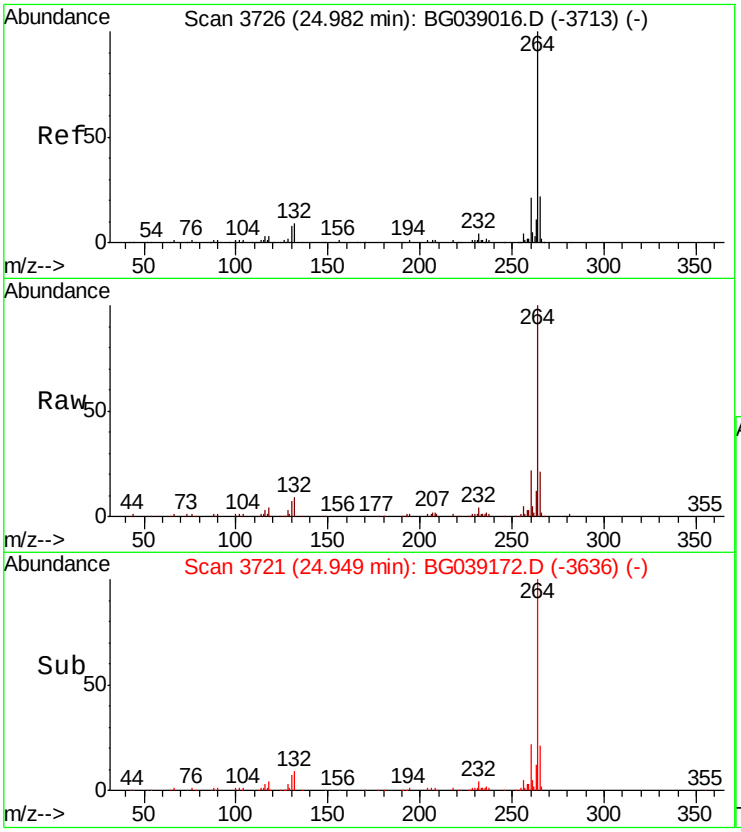


#79
Terphenyl-d14
Concen: 97.564 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:244 Resp: 976921

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: 24.95 min Scan# 3721
Delta R.T. -0.03 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tgt Ion:264 Resp: 196457

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.0	25.6
265	21.2	17.2	25.8