Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039095.D
Acq On : 11 Jan 2019 21:24
Operator : JU/SJ
Sample : K1099-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 12 00:29:26 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	8.03	152	27297	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	106074	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	73786	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	199419	20.00	ng	0.00
76) Chrysene-d12	21.69	240	214025	20.00	ng	-0.02
87) Perylene-d12	24.97	264	217276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	192085	133.49	ng	0.00
7) Phenol-d6	7.19	99	231556	111.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	173992	89.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	143109	115.70	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	461922	85.68	ng	0.00
79) Terphenyl-d14	20.02	244	945749	81.74	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	4195	2.021	ng	# 72
19) n-Nitroso-di-n-propylamine	9.20	70	22272	16.378	ng	# 63
51) 2,6-Dinitrotoluene	14.67	165	9558	6.856	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	9558	4.779	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	10013	3.906	ng	# 1
77) Benzidine	20.02	184	14646	2.237	ng	# 91

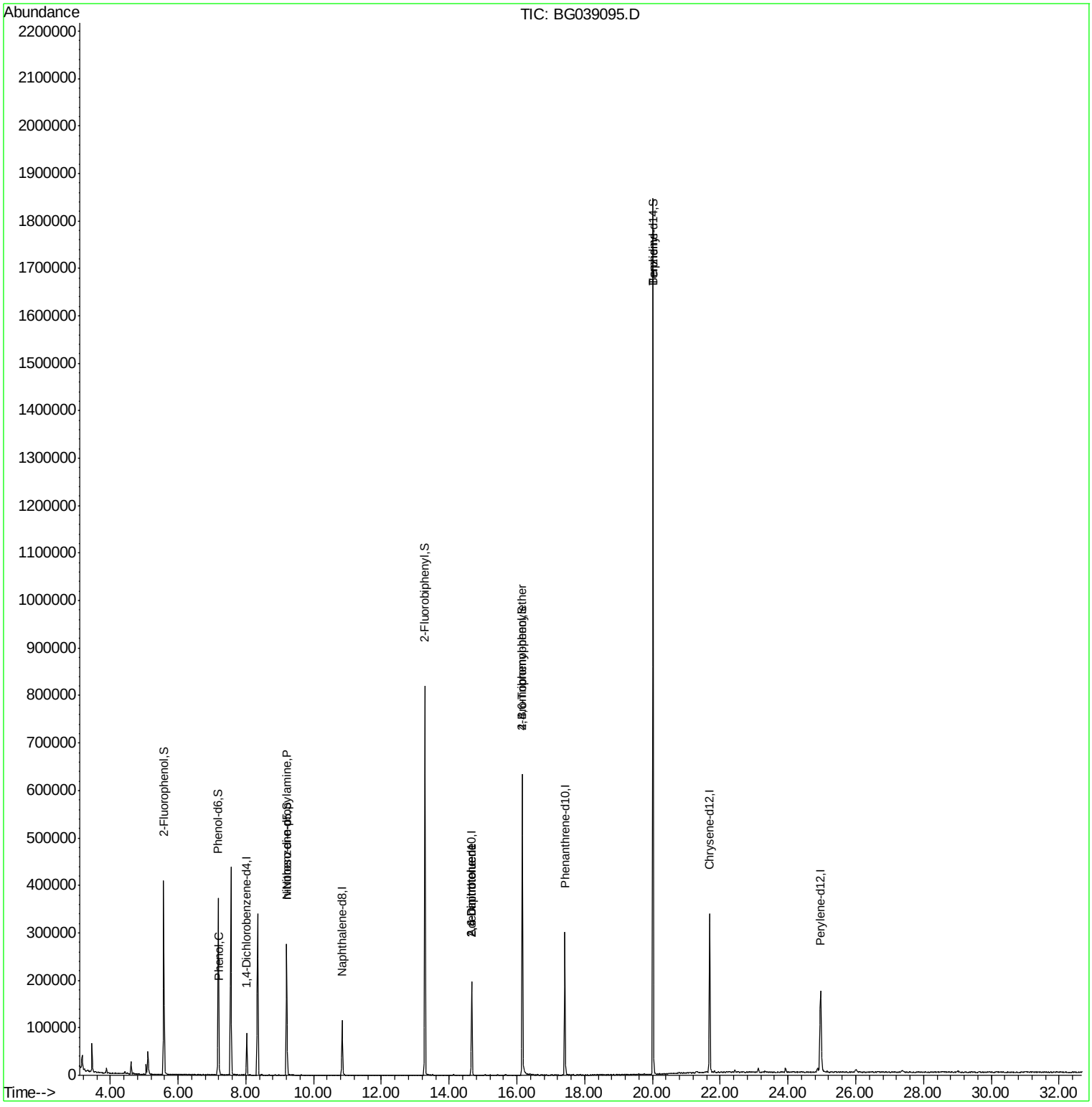
(#) = qualifier out of range (m) = manual integration (+) = signals summed

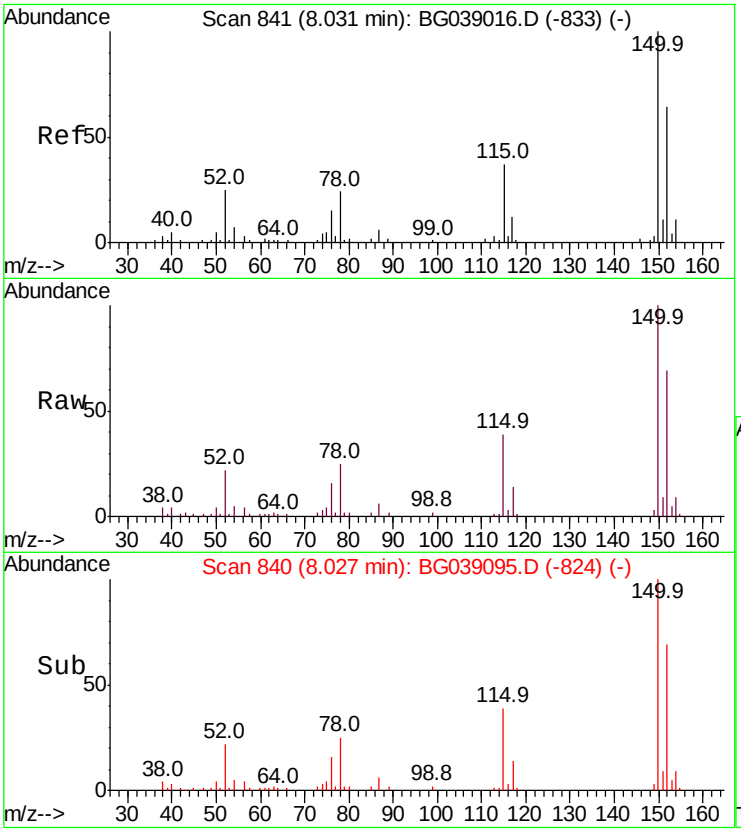
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039095.D
Acq On : 11 Jan 2019 21:24
Operator : JU/SJ
Sample : K1099-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 12 00:29:26 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



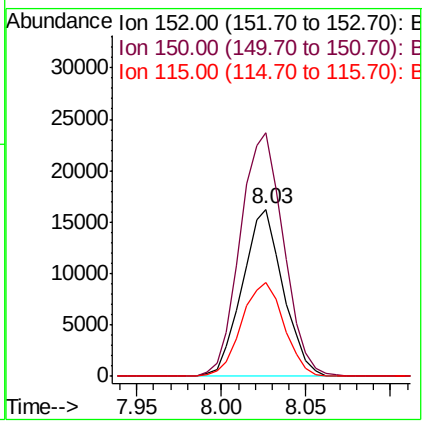


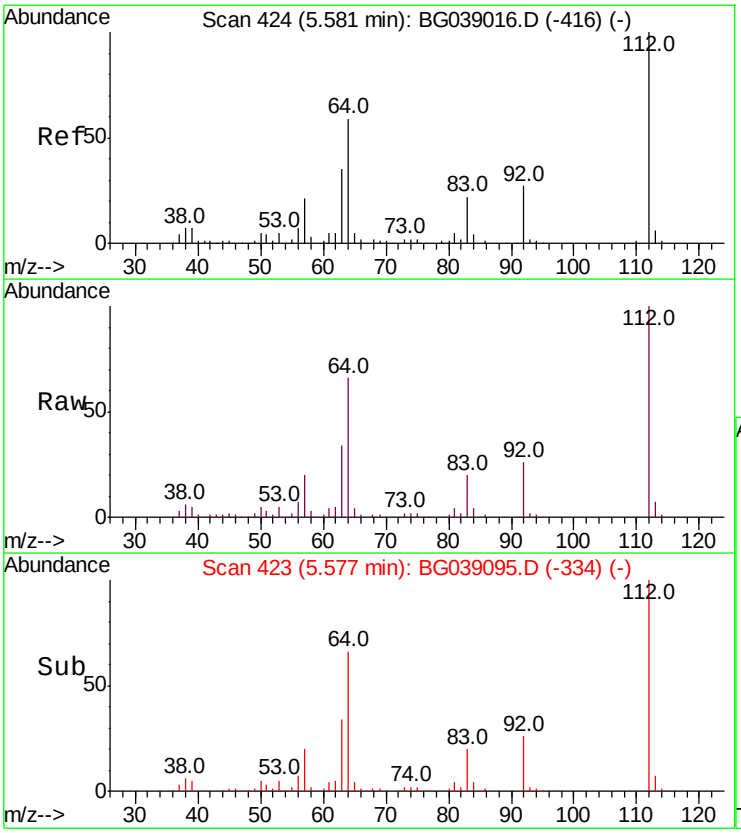
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27297

Ion	Ratio	Lower	Upper
152	100		
150	145.6	124.7	187.1
115	56.3	46.5	69.7

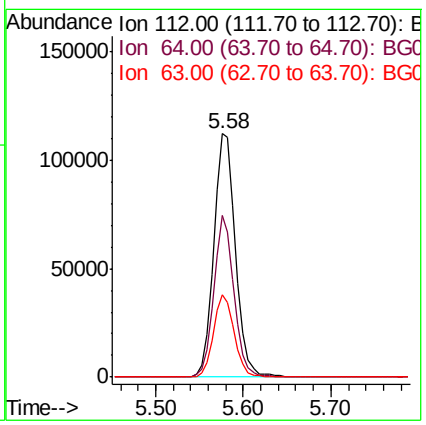


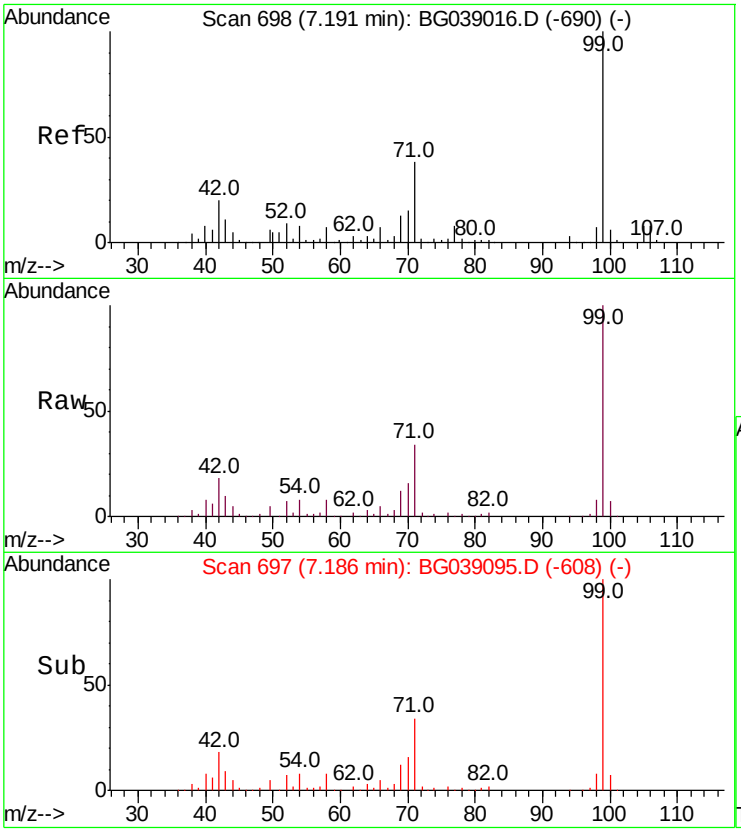


#5
2-Fluorophenol
Concen: 133.488 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:112 Resp: 192085

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.0	70.6
63	33.9	28.0	42.0



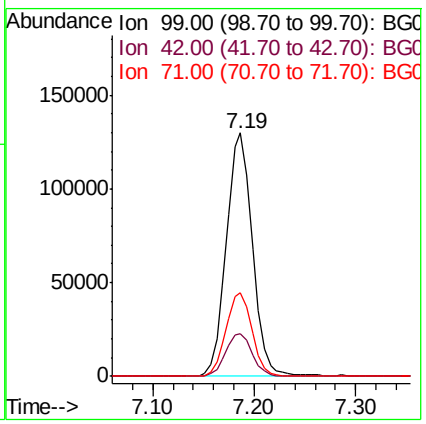


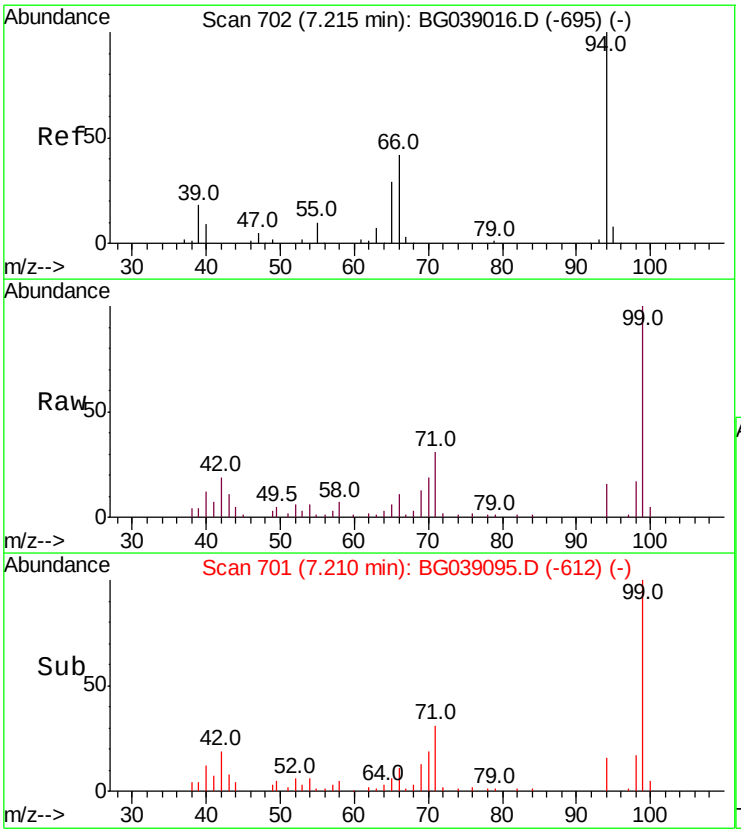
#7
Phenol-d6
Concen: 111.816 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 231556

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.8	23.6
71	34.3	30.2	45.4

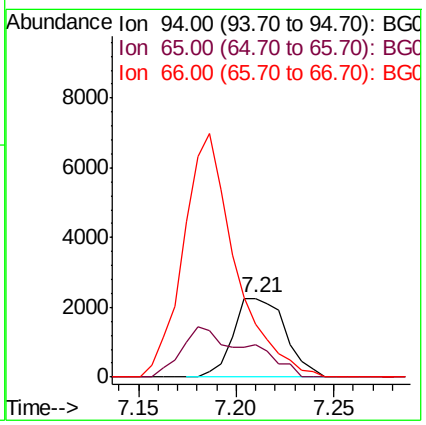


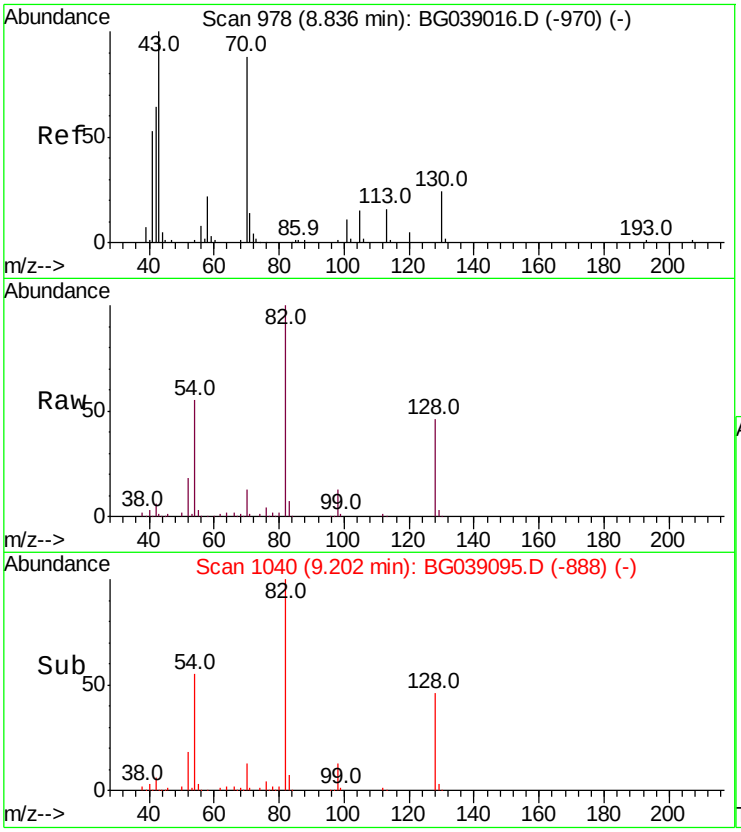


#10
Phenol
Concen: 2.021 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion: 94 Resp: 4195

Ion	Ratio	Lower	Upper
94	100		
65	40.9	10.3	50.3
66	66.8	25.1	65.1#



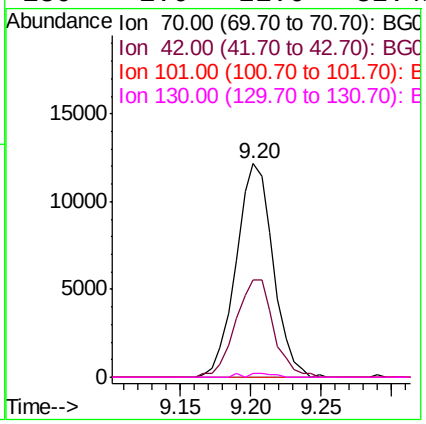


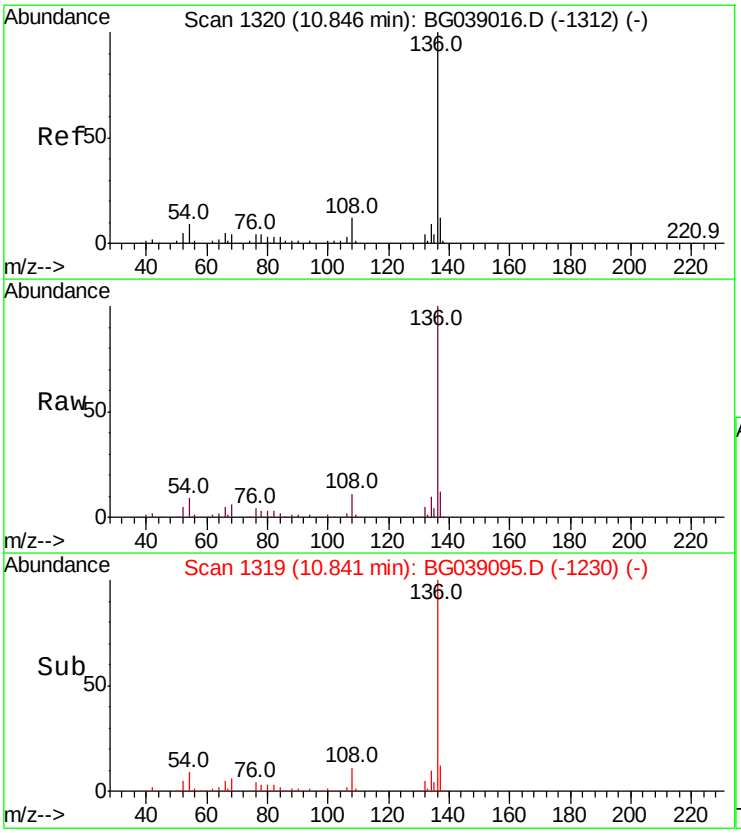
#19
n-Nitroso-di-n-propylamine
Concen: 16.378 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.37 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 22272

Ion	Ratio	Lower	Upper
70	100		
42	45.5	59.0	88.4#
101	0.0	10.4	15.6#
130	1.6	21.6	32.4#

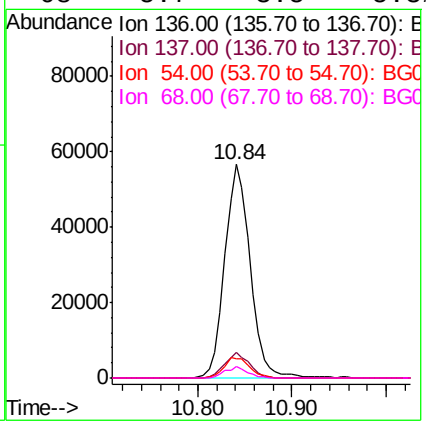


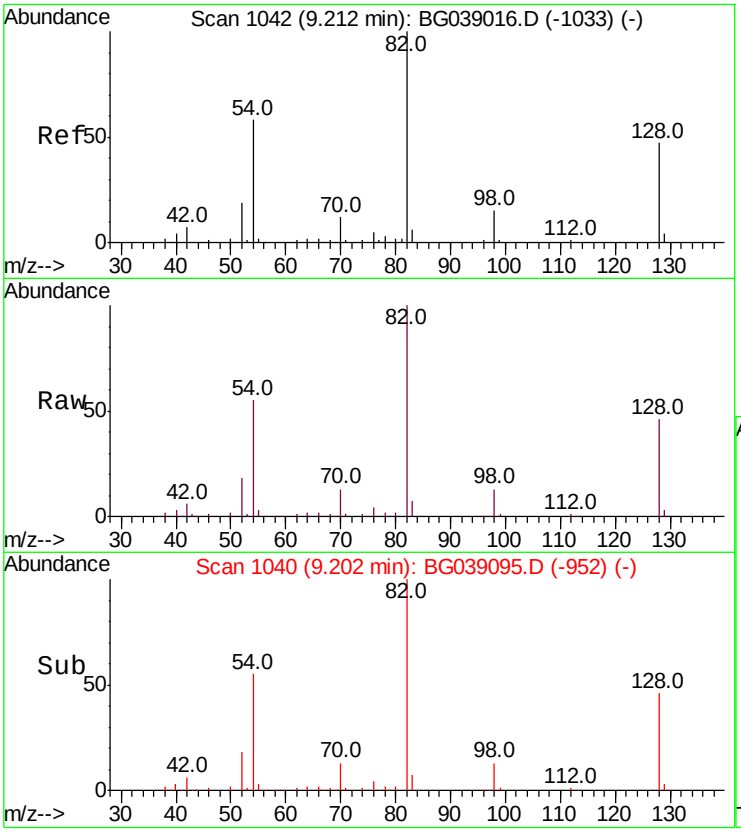


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:136 Resp: 106074

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	8.7	7.2	10.8
68	5.7	3.5	5.3#



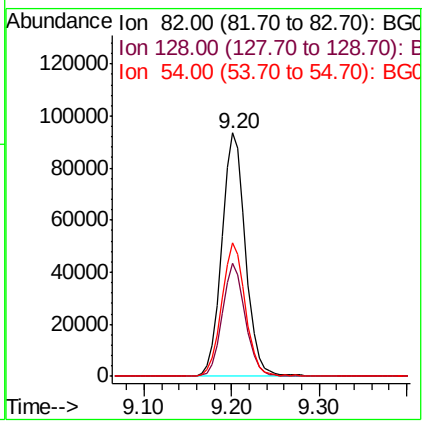


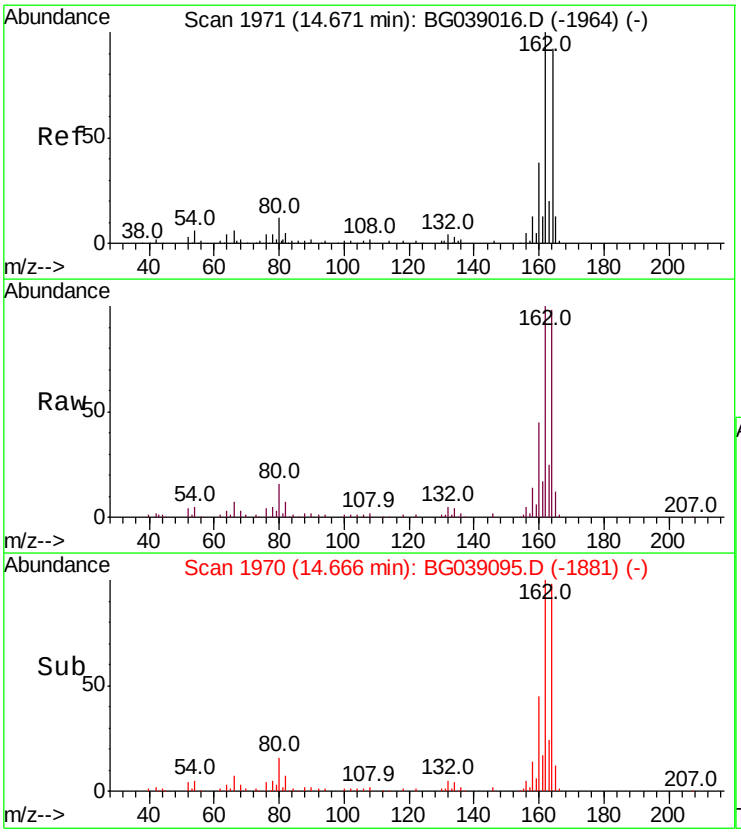
#23
Nitrobenzene-d5
Concen: 89.756 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 173992

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.3	55.9
54	54.9	46.4	69.6

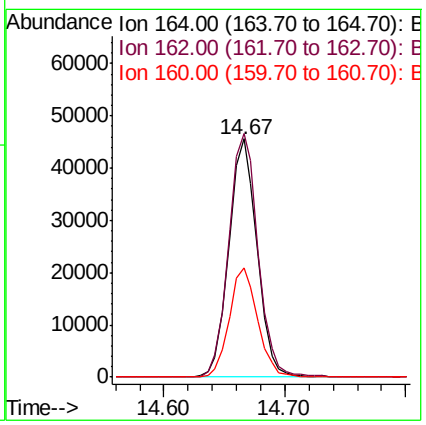


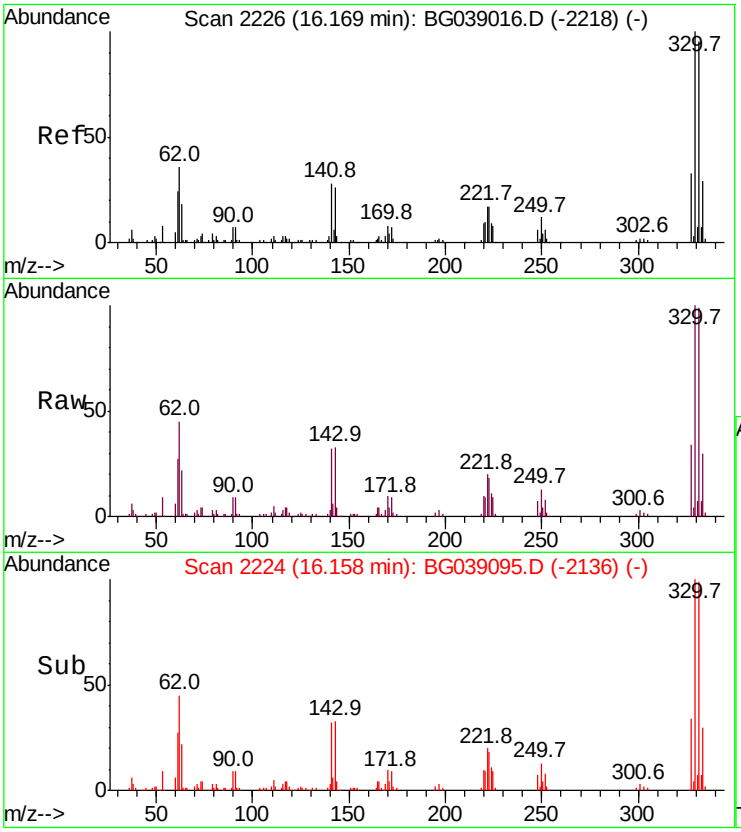


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:164 Resp: 73786

Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.2	130.8
160	45.6	33.3	49.9



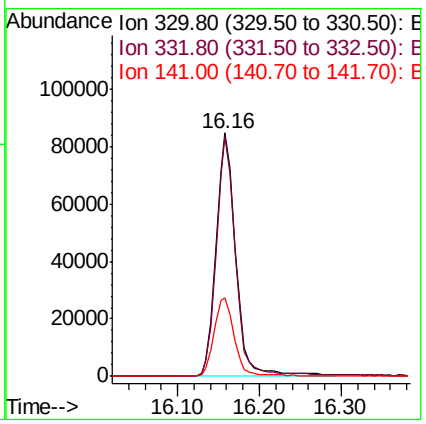


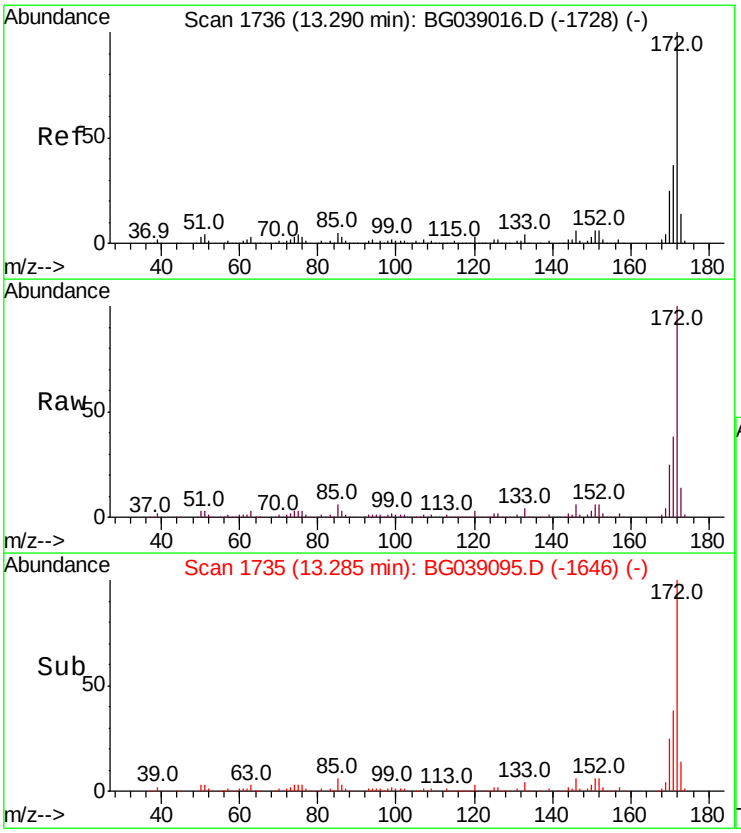
#42
2,4,6-Tribromophenol
Concen: 115.704 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 143109

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	32.8	24.9	37.3

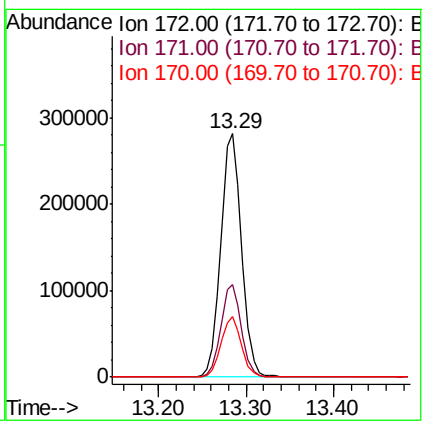


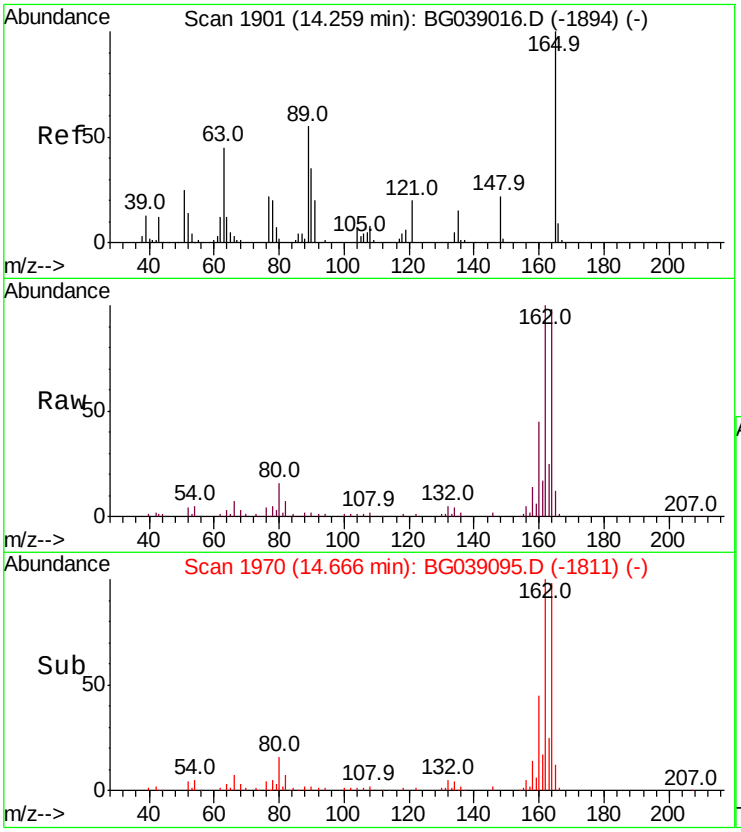


#45
2-Fluorobiphenyl
Concen: 85.676 ng
RT: 13.29 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:172 Resp: 461922

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.0
170	25.0	20.1	30.1



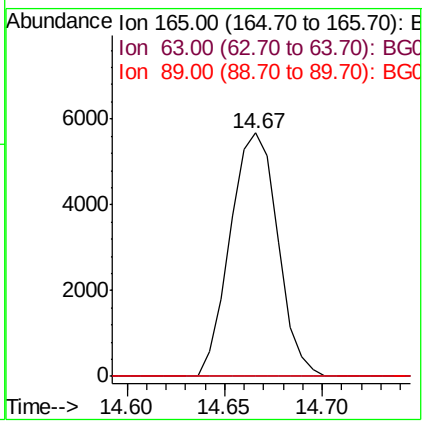


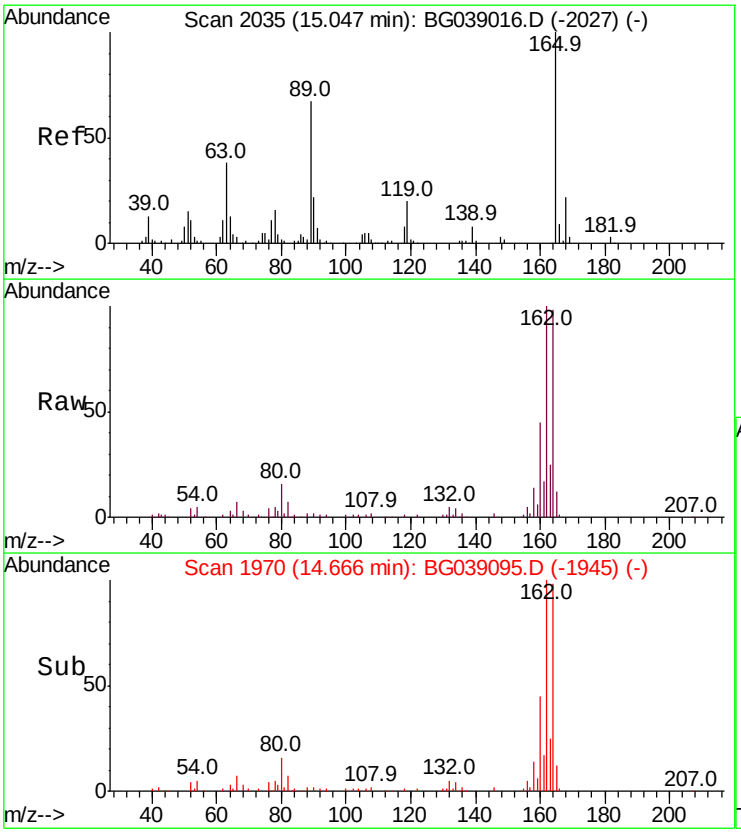
#51
2,6-Dinitrotoluene
Concen: 6.856 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.41 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9558

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

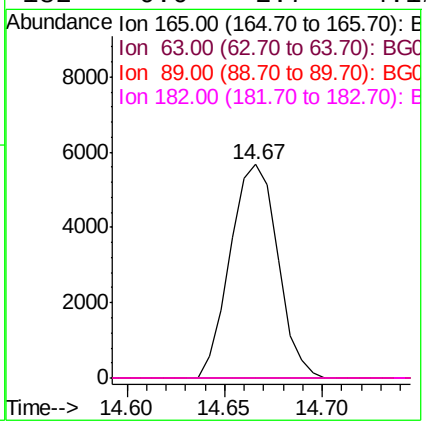


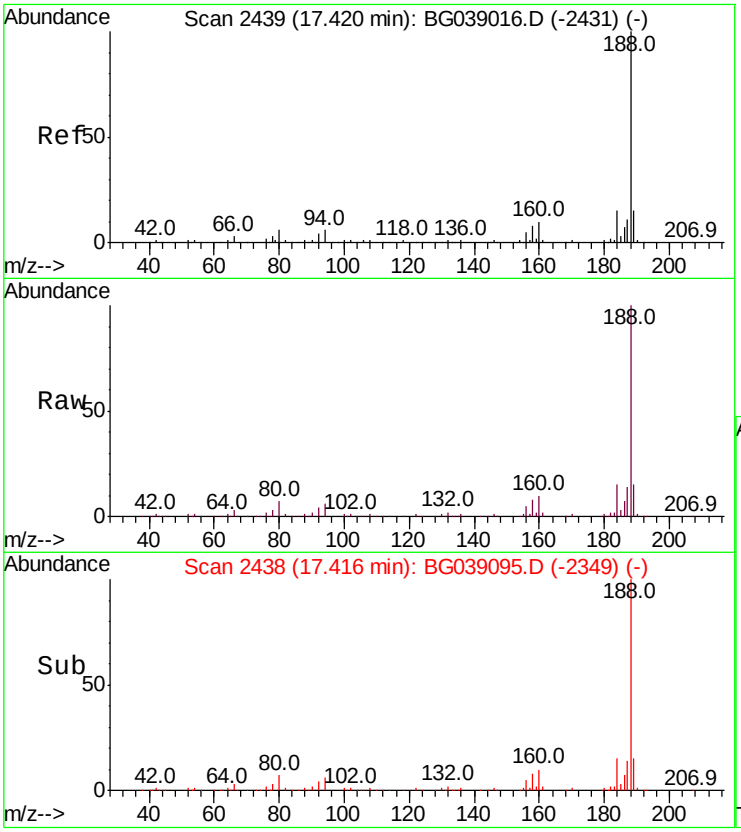


#57
2,4-Dinitrotoluene
Concen: 4.779 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.38 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:165 Resp: 9558

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#



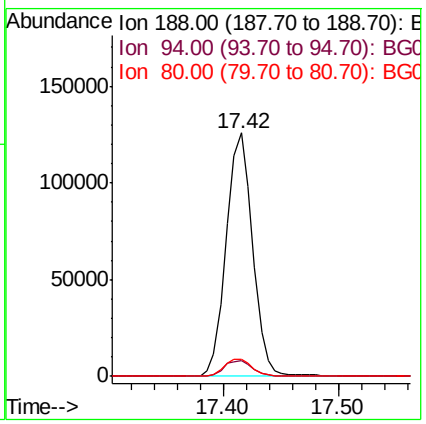


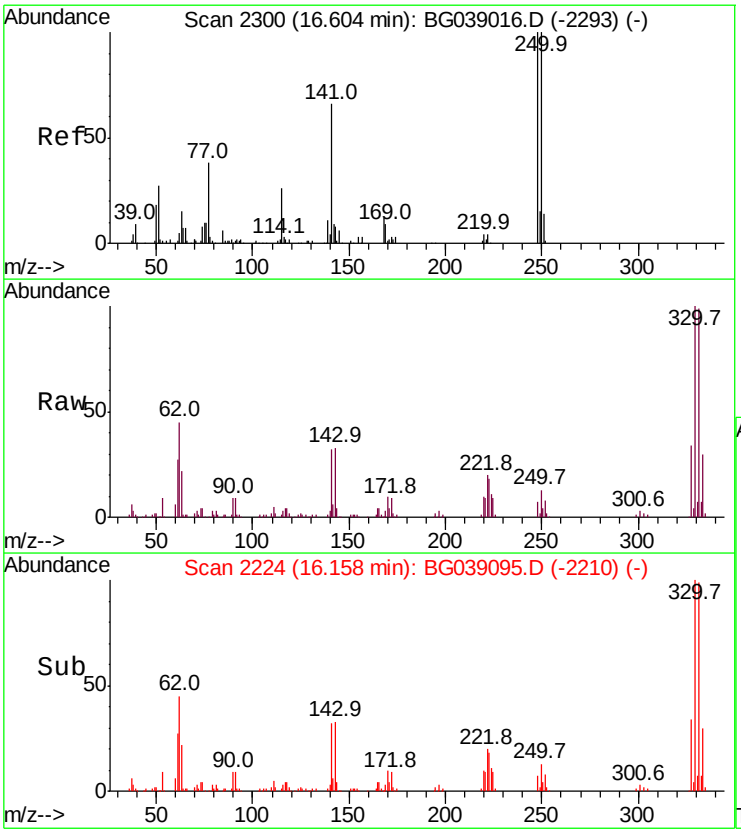
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 199419

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	7.2	4.7	7.1#

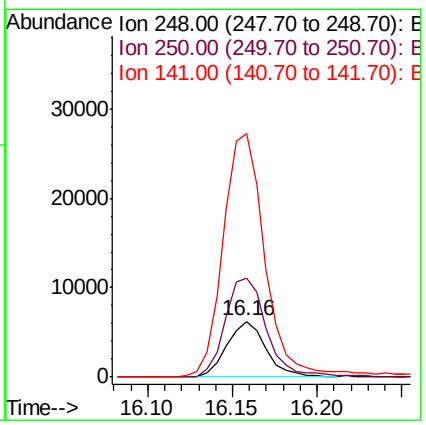


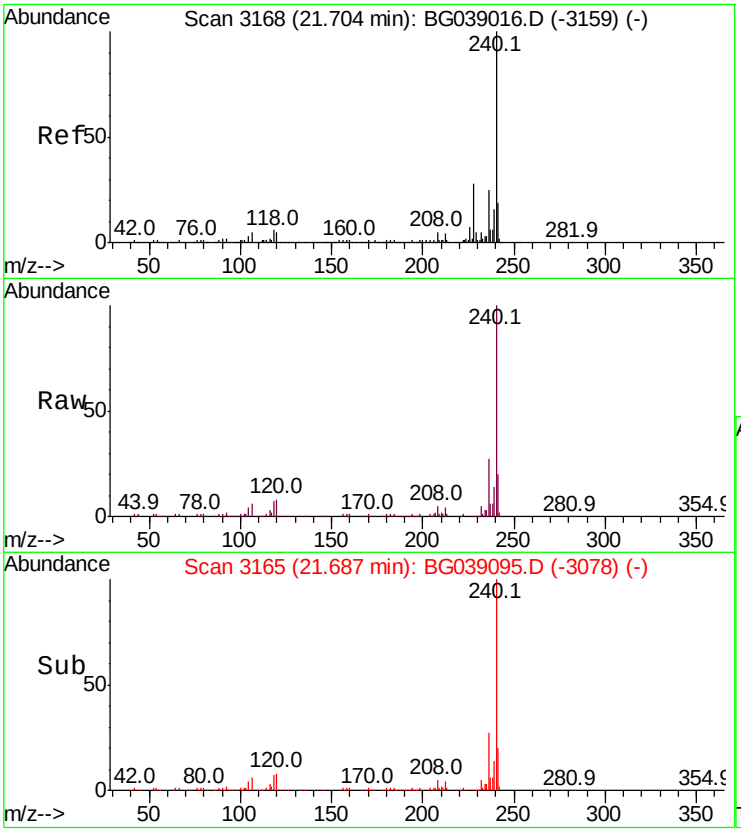


#67
4-Bromophenyl-phenylether
Concen: 3.906 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:248 Resp: 10013

Ion	Ratio	Lower	Upper
248	100		
250	235.3	79.9	119.9#
141	438.7	52.7	79.1#



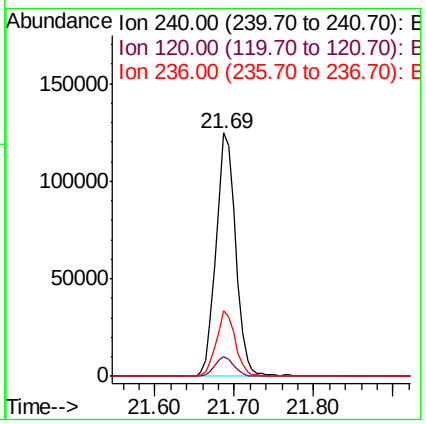


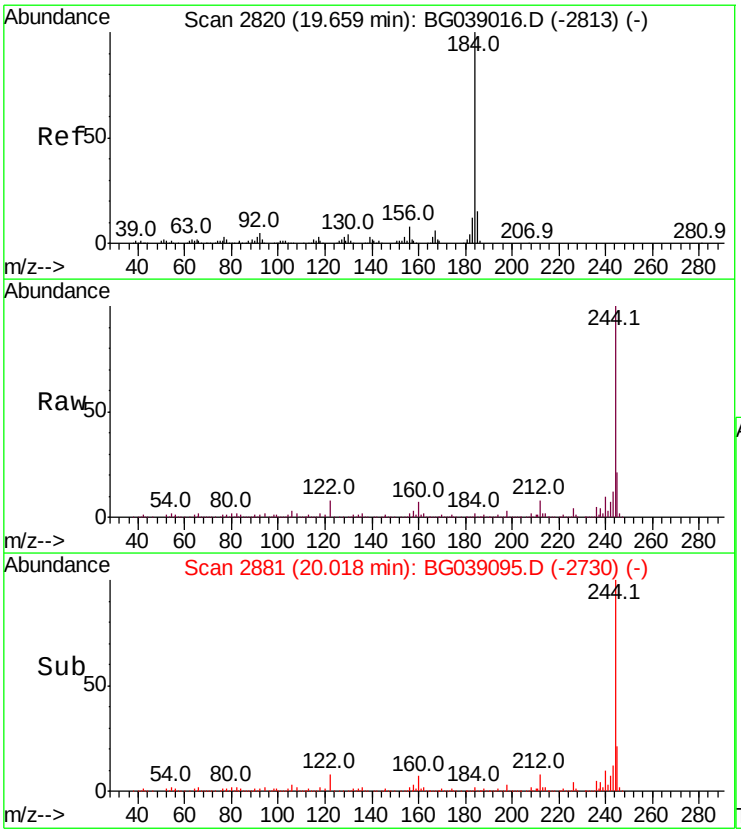
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 214025

Ion	Ratio	Lower	Upper
240	100		
120	8.1	4.3	6.5#
236	26.8	20.1	30.1

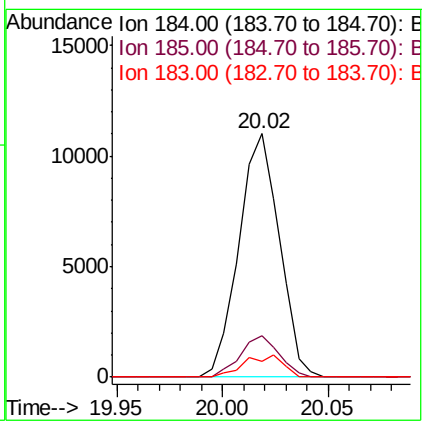


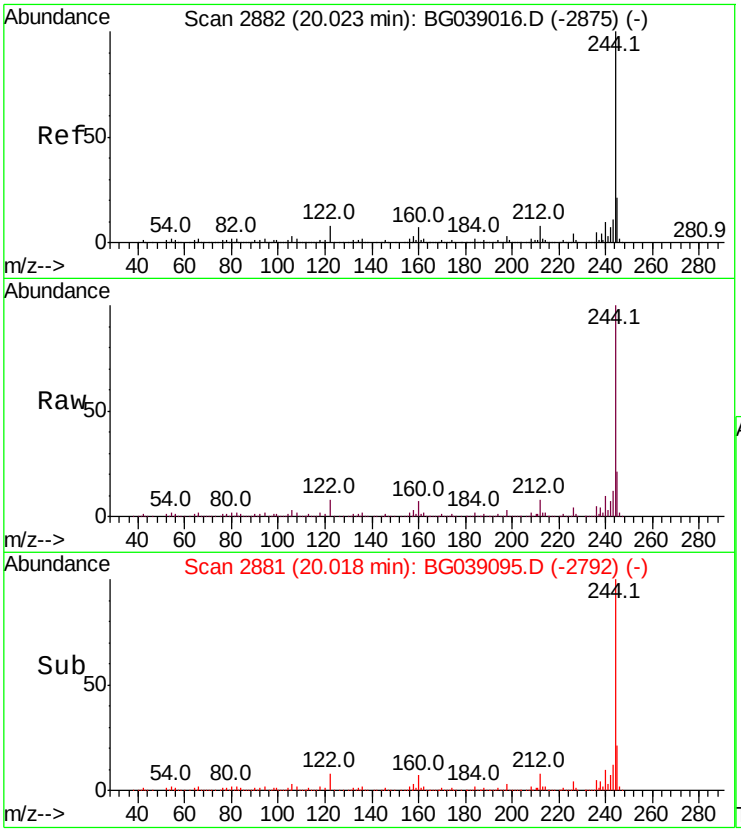


#77
Benzidine
Concen: 2.237 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:184 Resp: 14646

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.1	18.1
183	6.7	9.5	14.3#



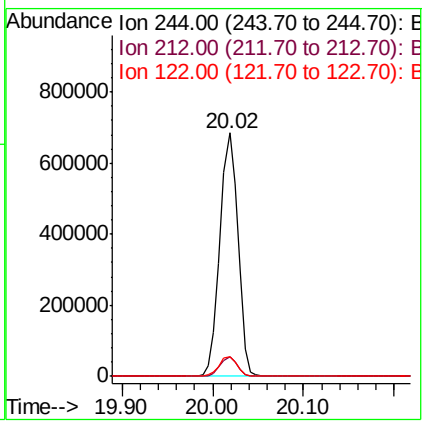


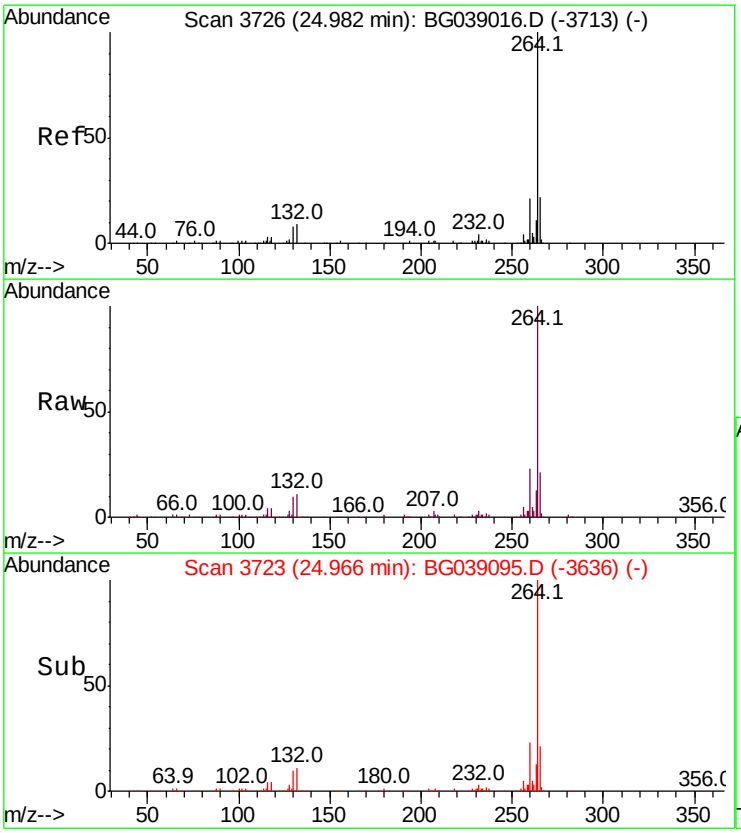
#79
Terphenyl-d14
Concen: 81.744 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 945749

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	8.3	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:264 Resp: 217276

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.0	25.6
265	21.3	17.2	25.8