Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039195.D
Acq On : 17 Jan 2019 20:36
Operator : JU/SJ
Sample : PB116454TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116454TB

Quant Time: Jan 18 04:13:49 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	20459	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	84472	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	58235	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	154166	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	195940	20.00	ng	-0.02
87) Perylene-d12	24.94	264	210344	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	198704	184.24	ng	-0.01
7) Phenol-d6	7.18	99	216571	139.53	ng	-0.01
23) Nitrobenzene-d5	9.19	82	144586	93.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	129540	132.70	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	417768	98.18	ng	-0.02
79) Terphenyl-d14	20.01	244	925001	87.33	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.33	79	2465	2.109	ng	# 55
19) n-Nitroso-di-n-propylamine	9.19	70	18935	18.578	ng	# 70
51) 2,6-Dinitrotoluene	14.66	165	7288	6.624	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7288	4.617	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	7900	3.986	ng	# 1
77) Benzidine	20.00	184	14862	2.480	ng	# 93

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

Quantitation Report (Not Reviewed)

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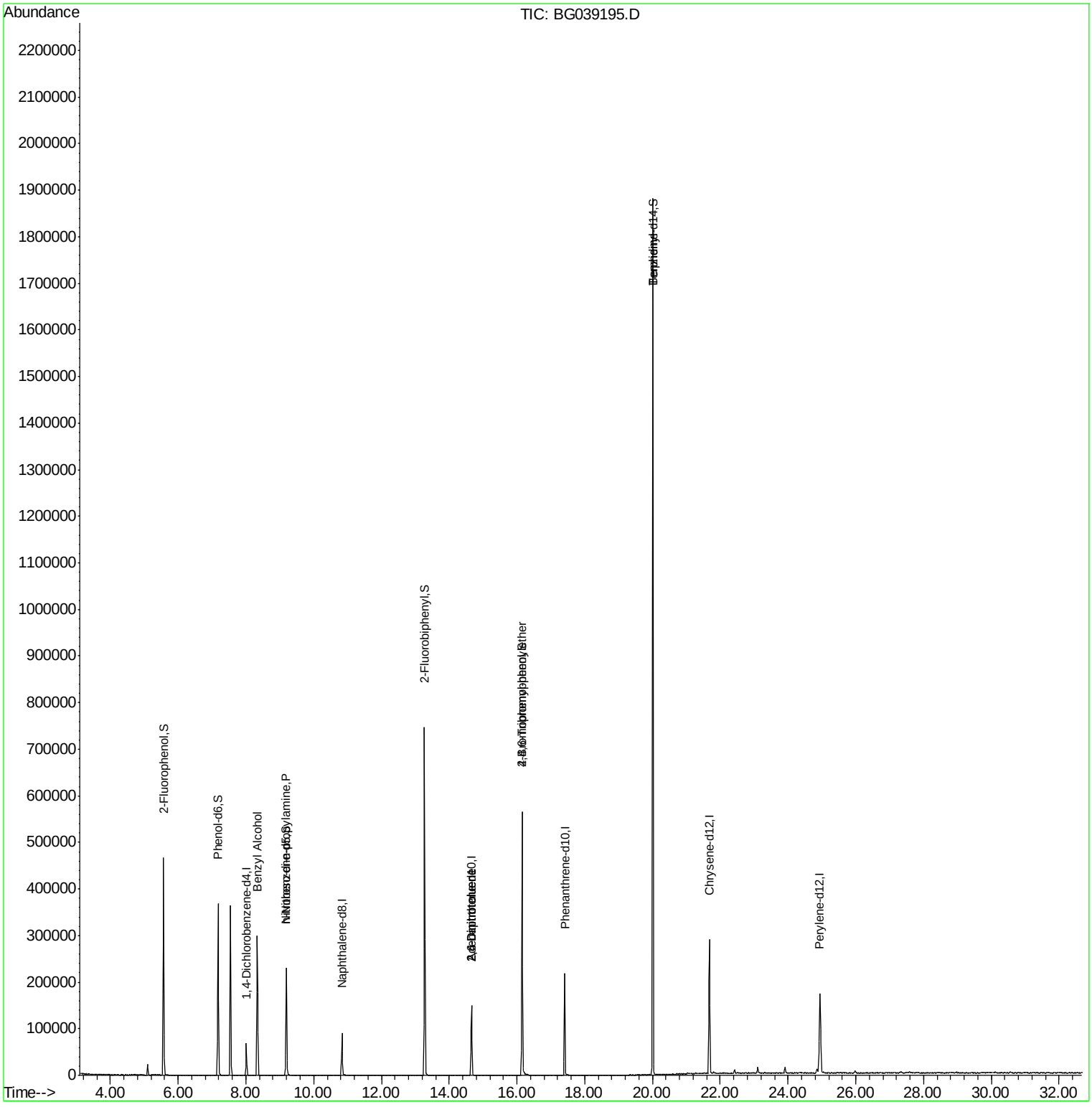
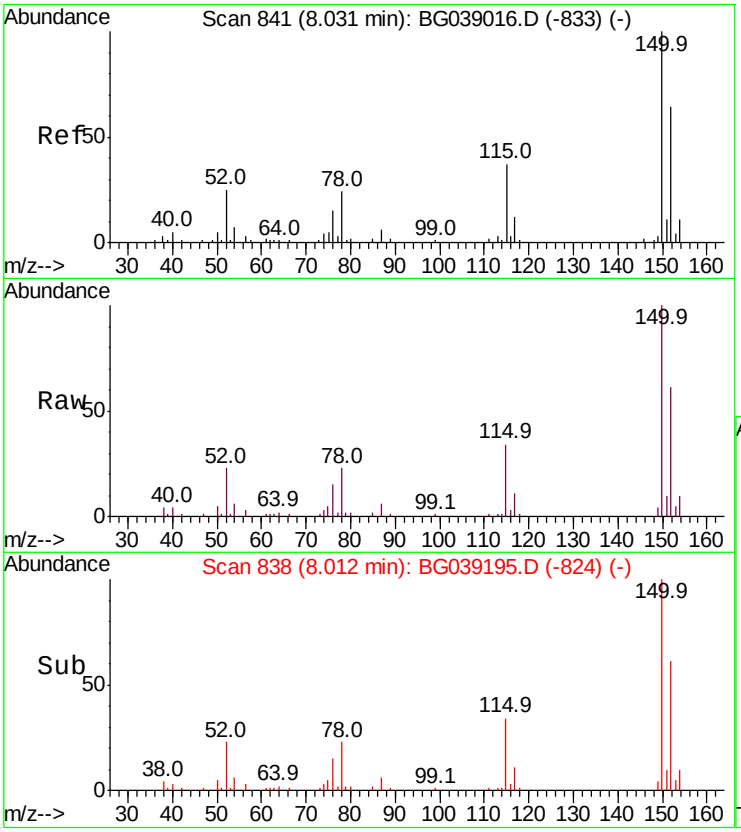


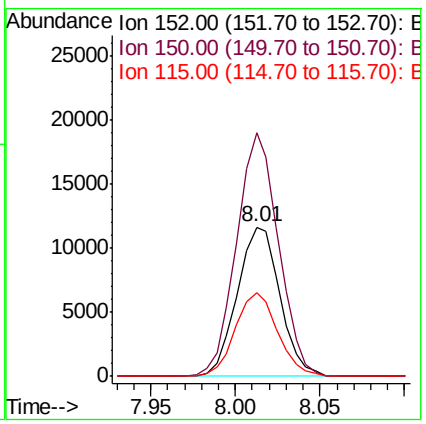


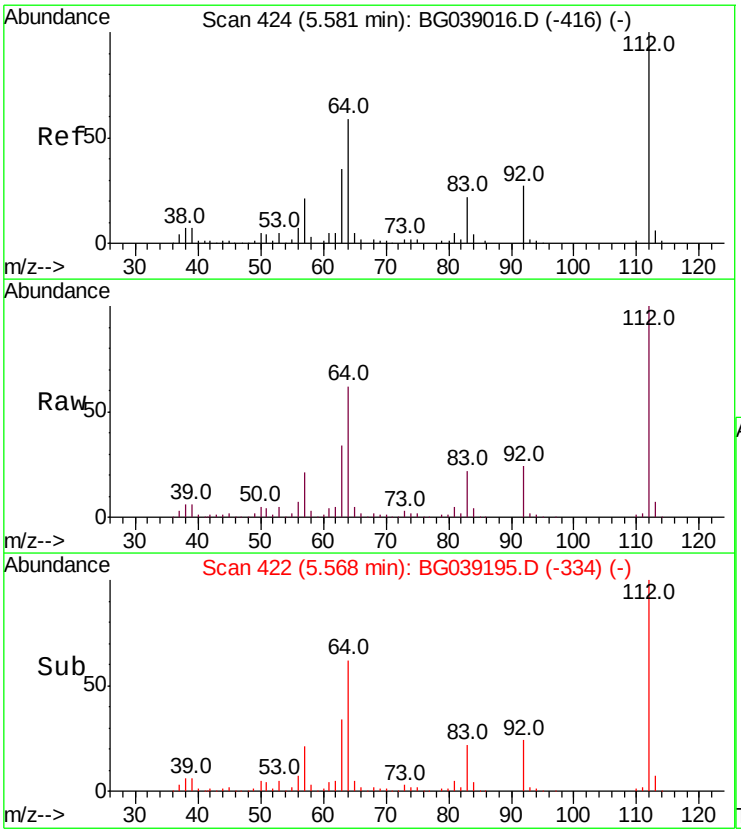
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion:152 Resp: 20459

Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.7	187.1
115	55.8	46.5	69.7

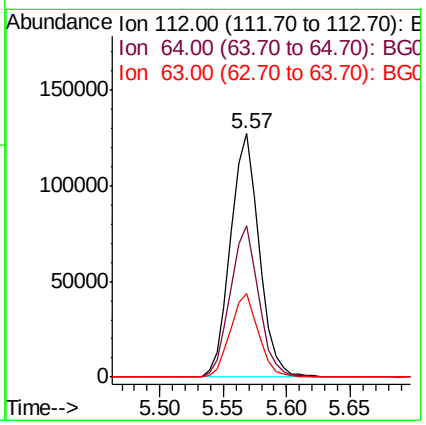


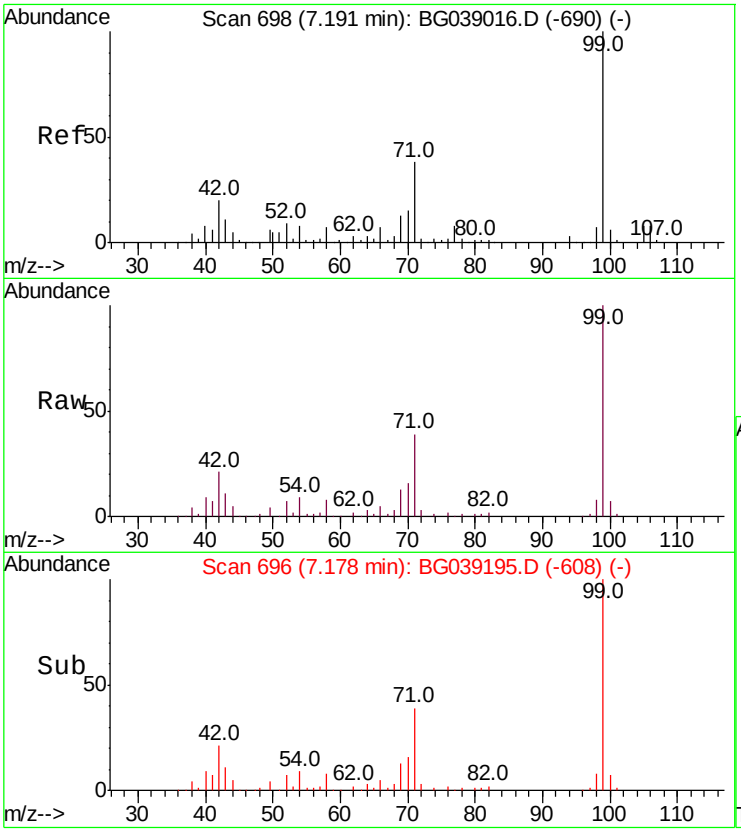


#5
2-Fluorophenol
Concen: 184.241 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:112 Resp: 198704

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.0	70.6
63	34.1	28.0	42.0



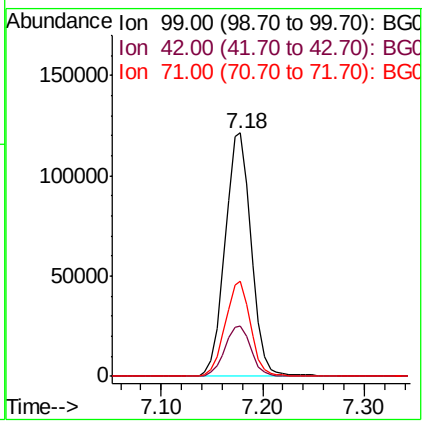


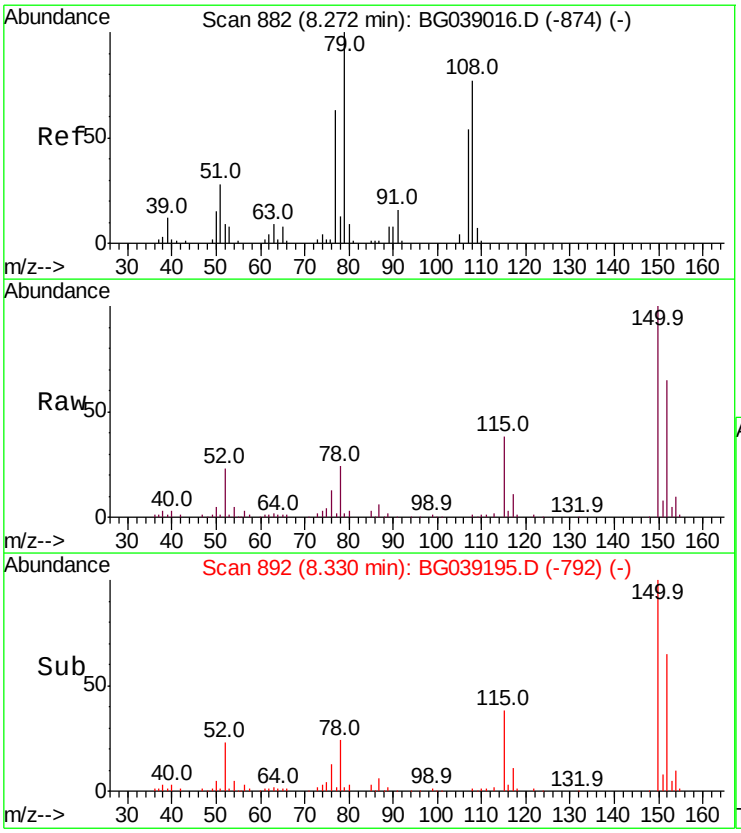
#7
Phenol-d6
Concen: 139.534 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion: 99 Resp: 216571

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.8	23.6
71	38.9	30.2	45.4

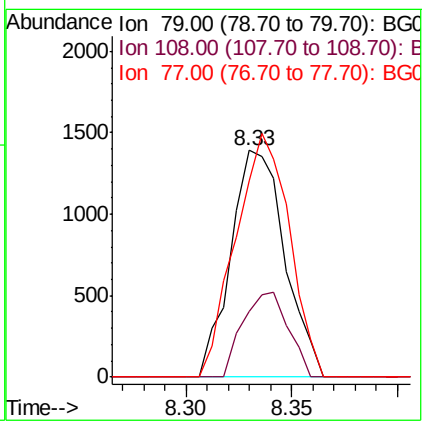


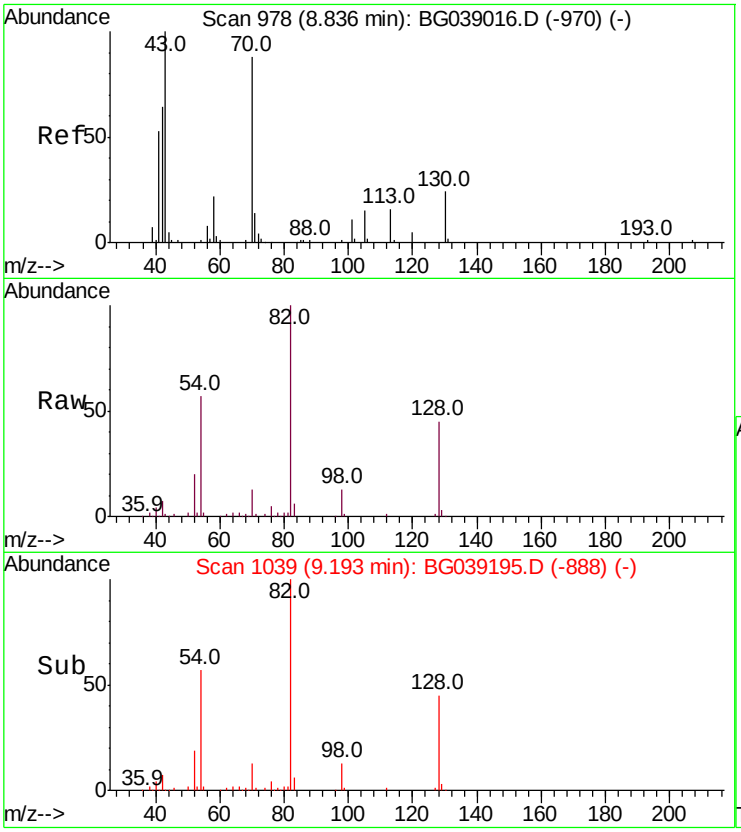


#15
Benzyl Alcohol
Concen: 2.109 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.06 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion: 79 Resp: 2465

Ion	Ratio	Lower	Upper
79	100		
108	29.0	62.0	93.0#
77	86.5	50.1	75.1#



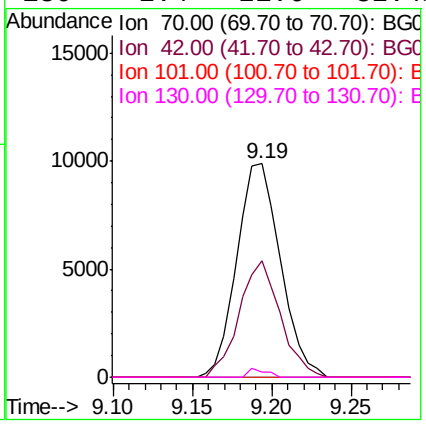


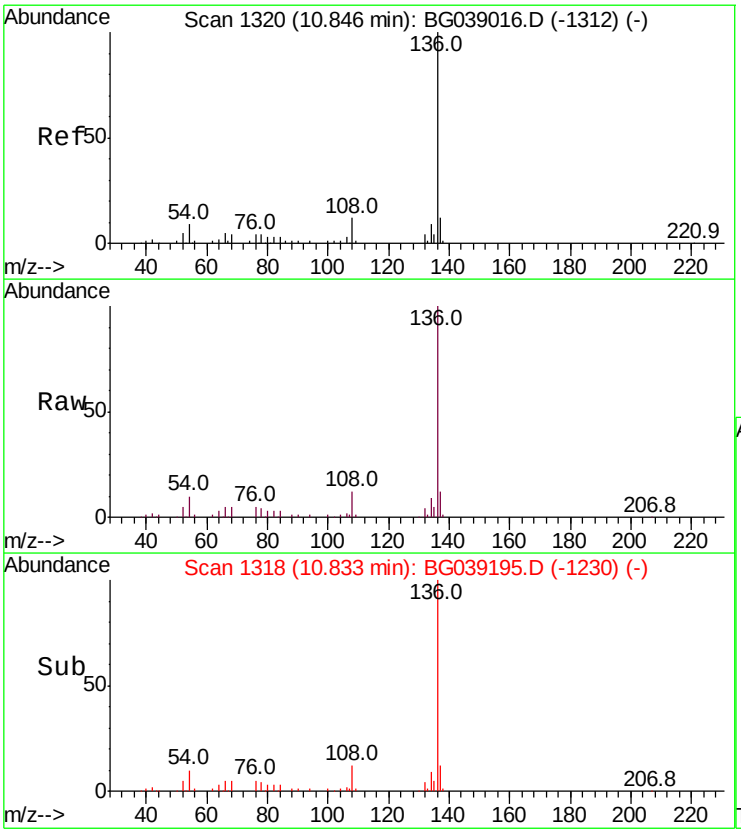
#19
n-Nitroso-di-n-propylamine
Concen: 18.578 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.36 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument : BNA_G
ClientSampleId : PB116454TB

Tgt Ion: 70 Resp: 18935

Ion	Ratio	Lower	Upper
70	100		
42	54.8	59.0	88.4#
101	0.0	10.4	15.6#
130	2.4	21.6	32.4#

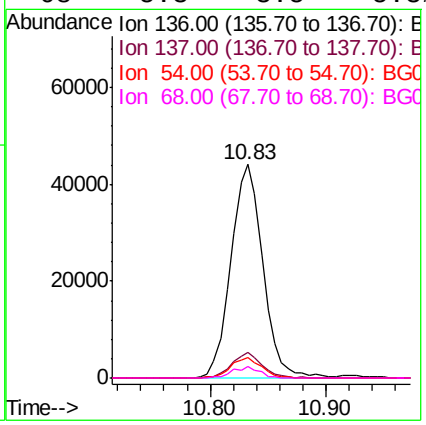


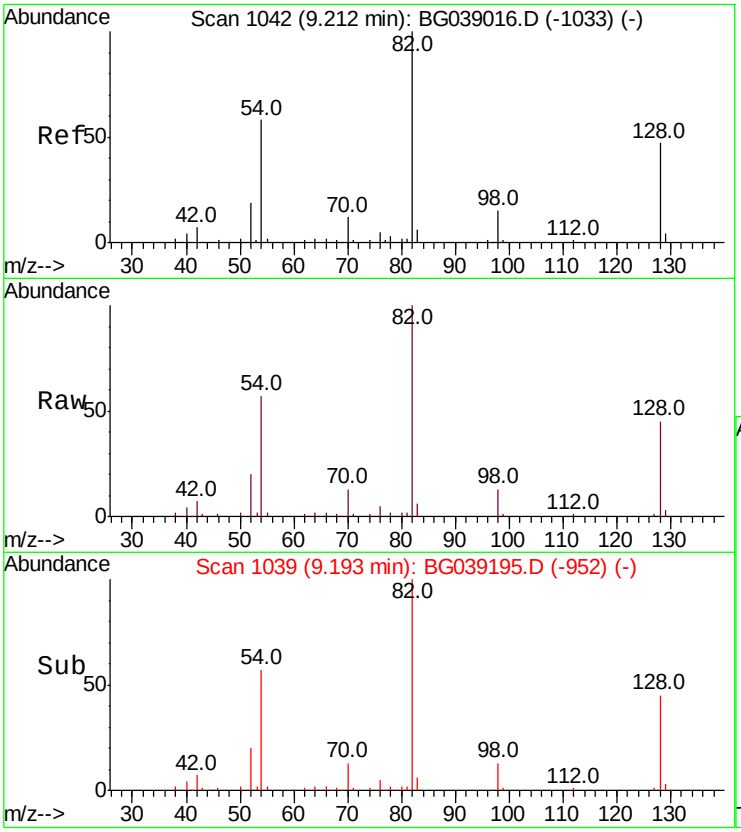


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:136 Resp: 84472

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.2
54	9.8	7.2	10.8
68	5.3	3.5	5.3#



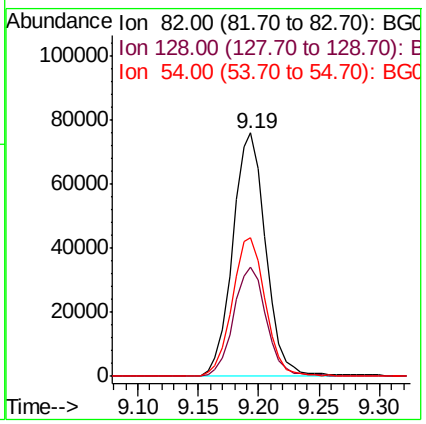


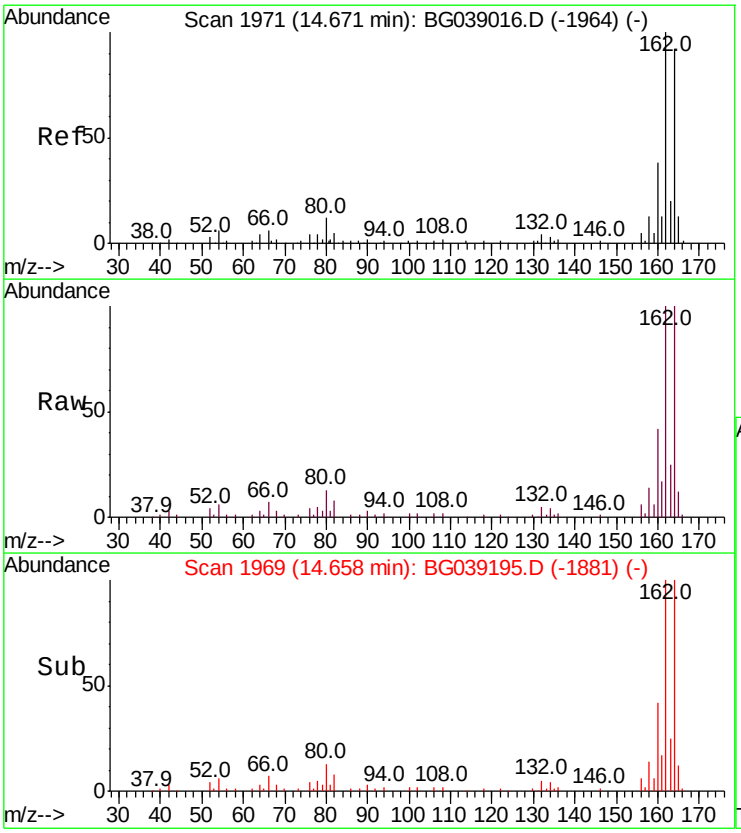
#23
Nitrobenzene-d5
Concen: 93.660 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion: 82 Resp: 144586

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.3	55.9
54	56.8	46.4	69.6

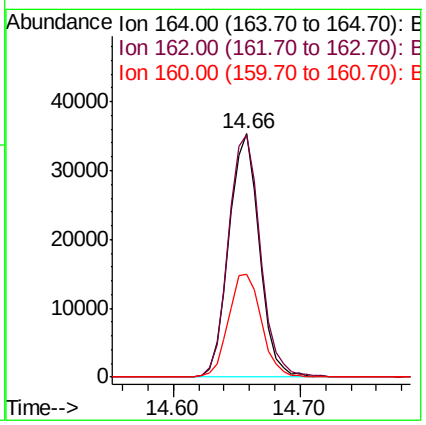


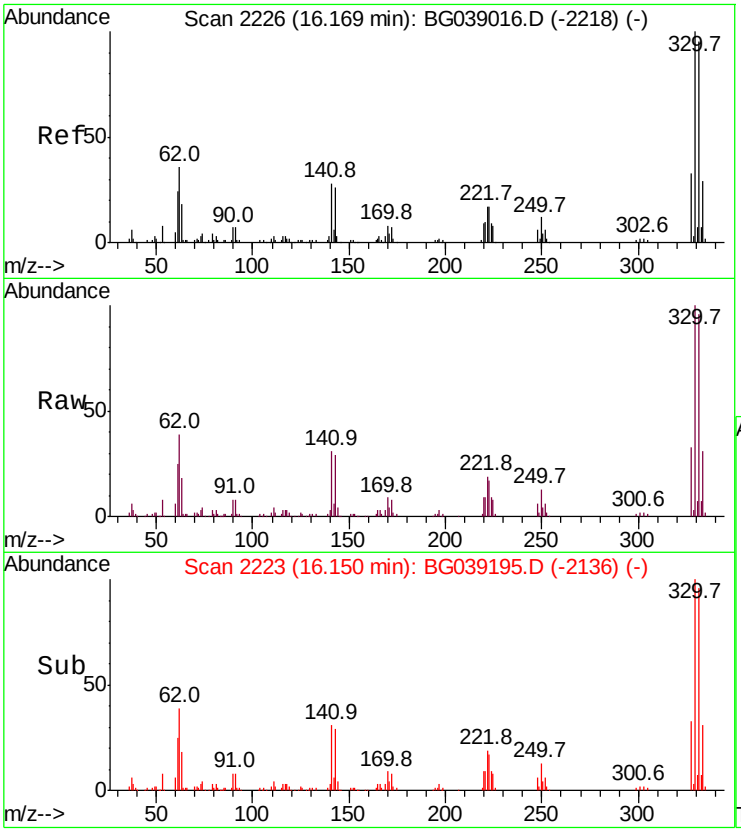


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:164 Resp: 58235

Ion	Ratio	Lower	Upper
164	100		
162	99.6	87.2	130.8
160	42.2	33.3	49.9



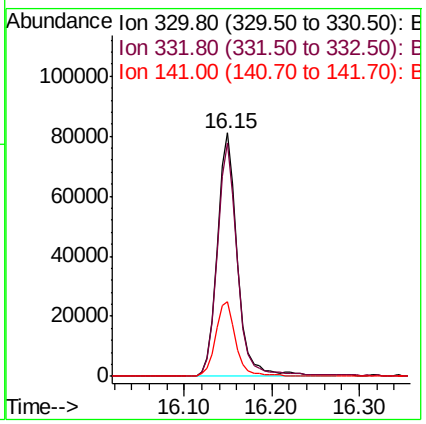


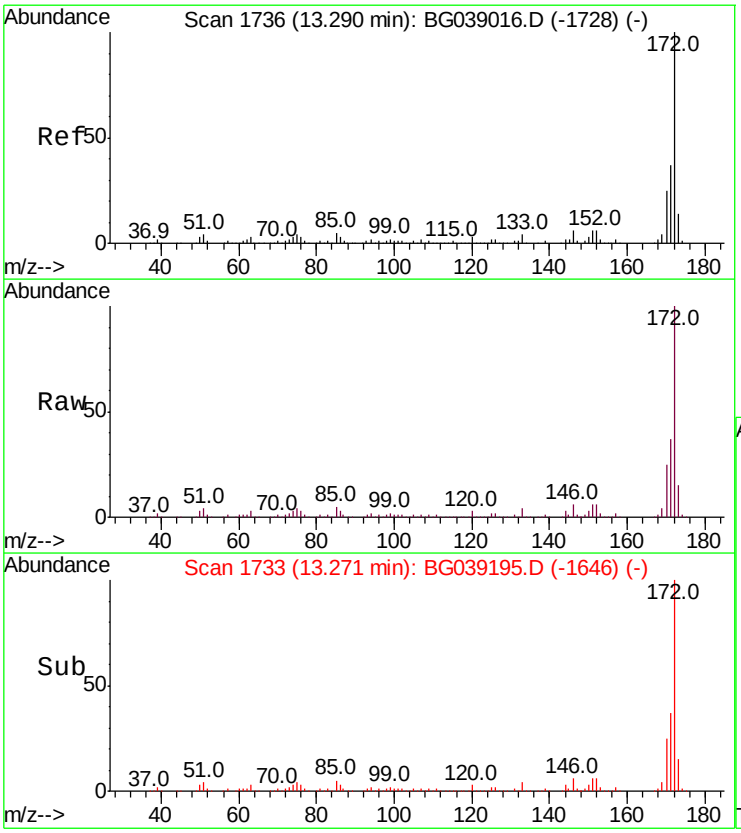
#42
2,4,6-Tribromophenol
Concen: 132.701 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion:330 Resp: 129540

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	30.6	24.9	37.3

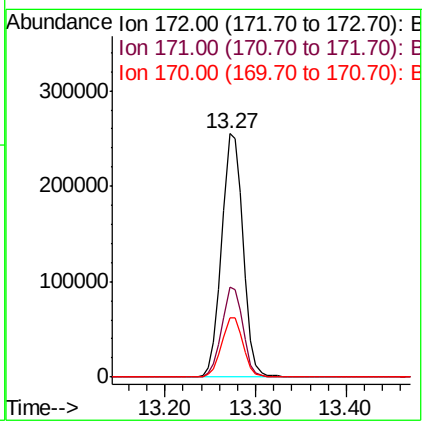


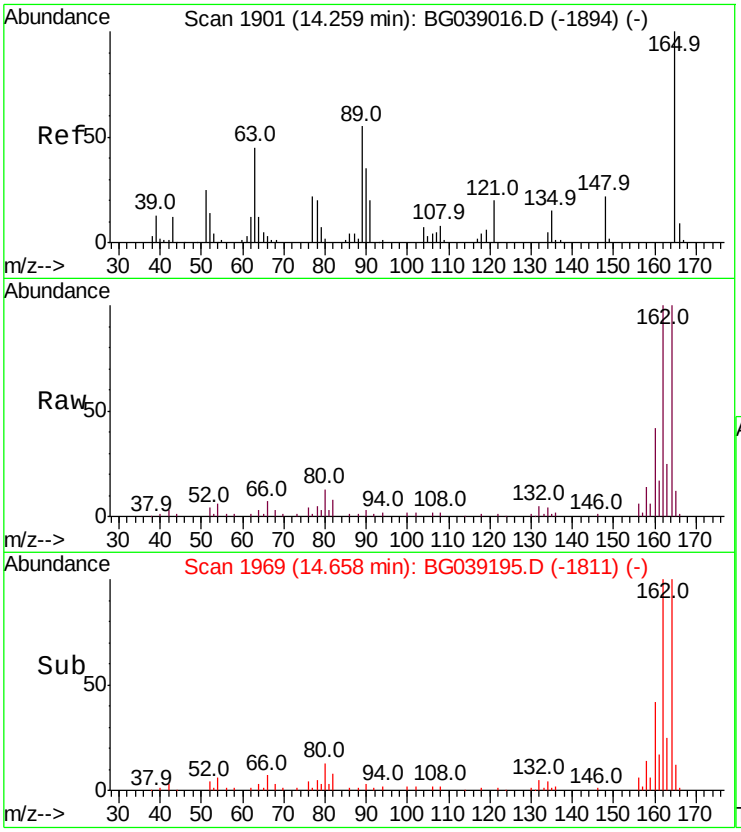


#45
2-Fluorobiphenyl
Concen: 98.178 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:172 Resp: 417768

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.5	20.1	30.1



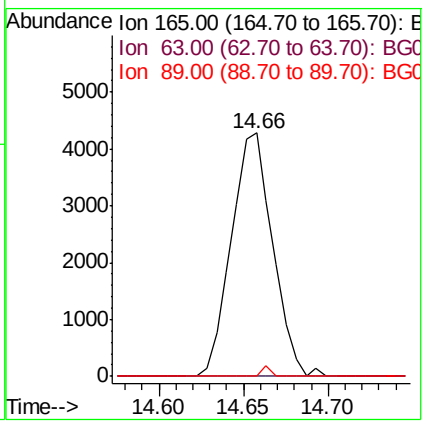


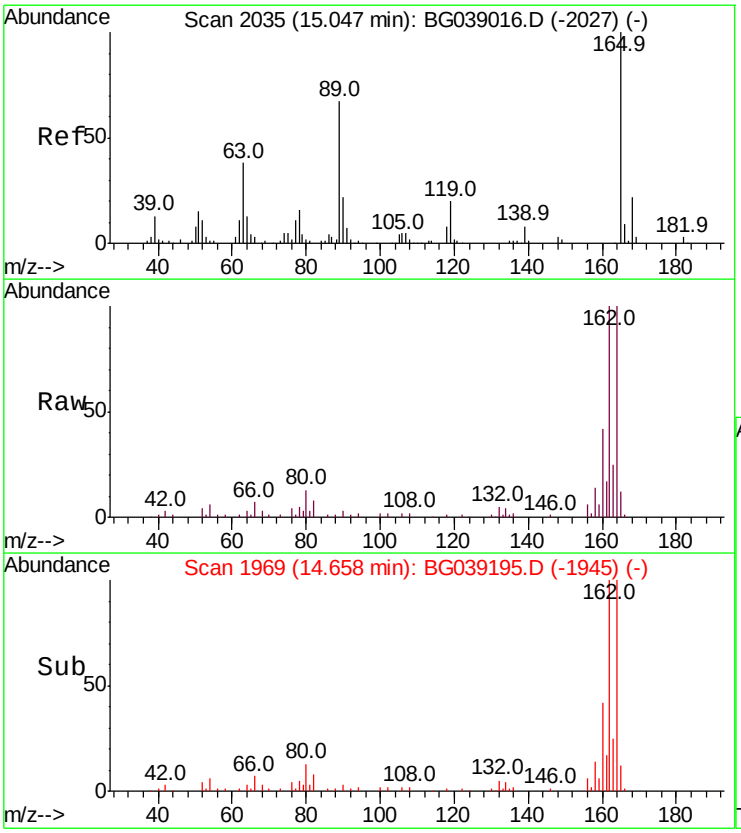
#51
2,6-Dinitrotoluene
Concen: 6.624 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.40 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion:165 Resp: 7288

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

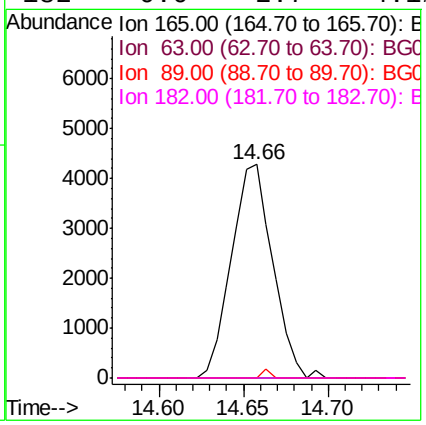


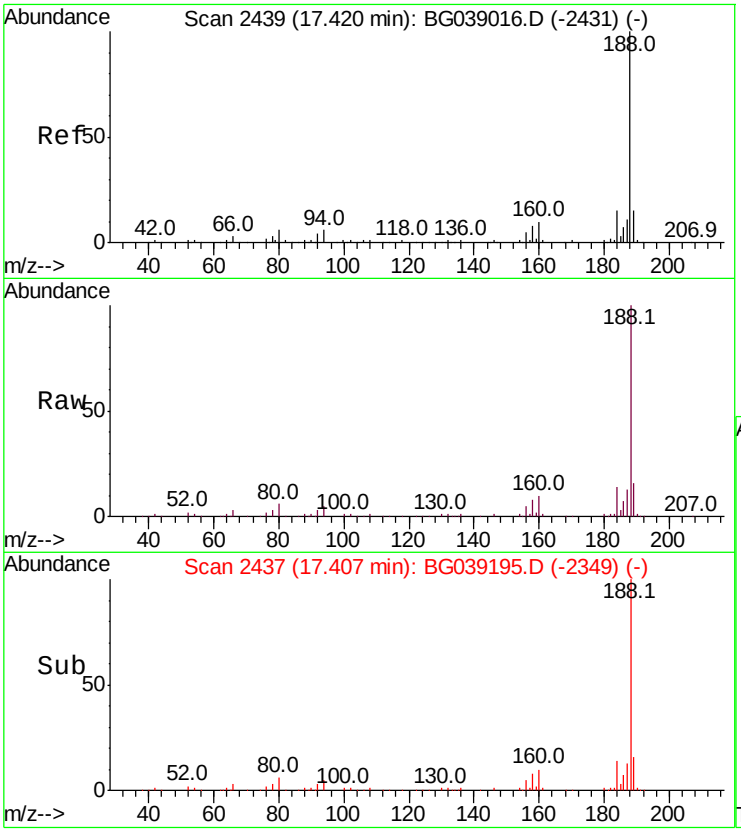


#57
2,4-Dinitrotoluene
Concen: 4.617 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.39 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:165 Resp: 7288

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#



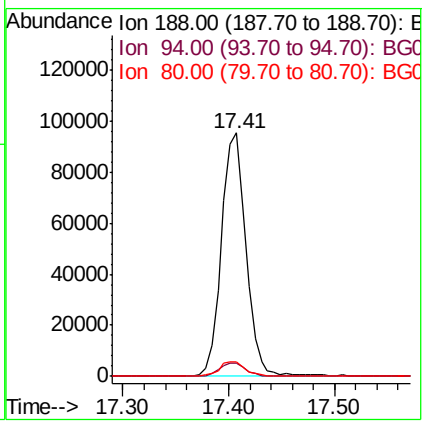


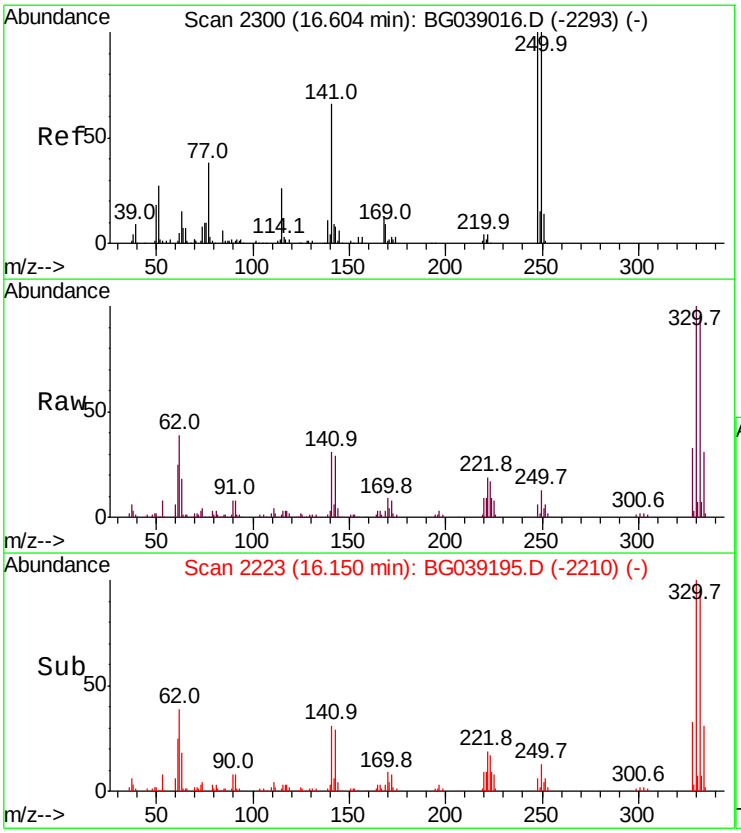
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion:188 Resp: 154166

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.0	7.4
80	6.1	4.7	7.1

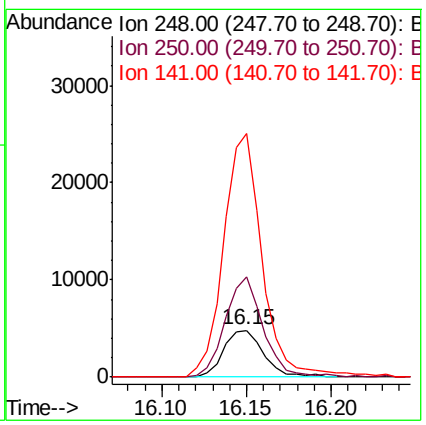


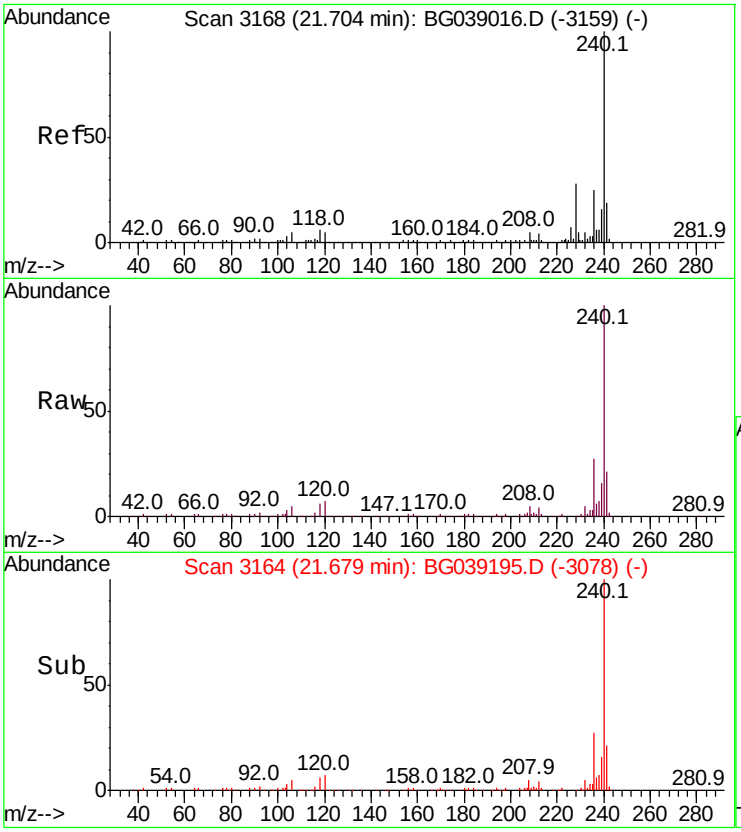


#67
4-Bromophenyl-phenylether
Concen: 3.986 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:248 Resp: 7900

Ion	Ratio	Lower	Upper
248	100		
250	217.9	79.9	119.9#
141	403.0	52.7	79.1#



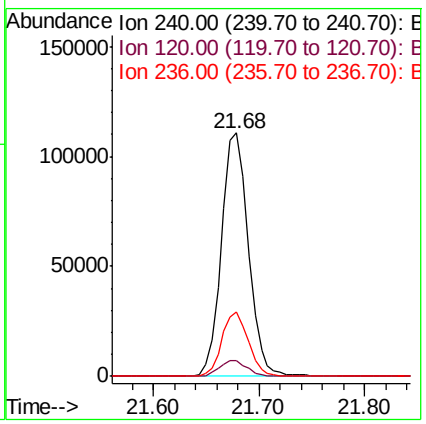


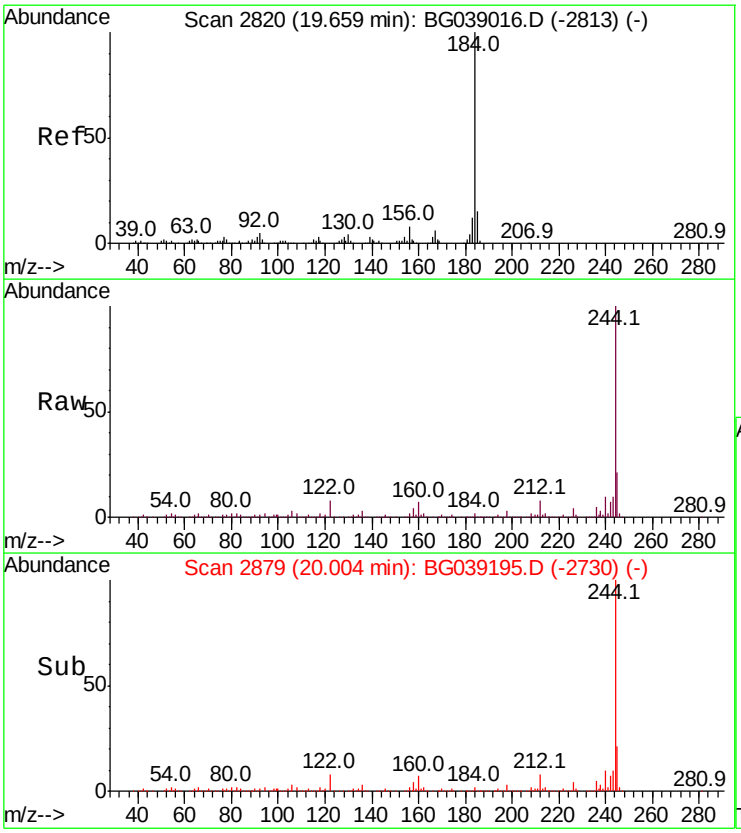
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion:240 Resp: 195940

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.3	6.5#
236	26.5	20.1	30.1

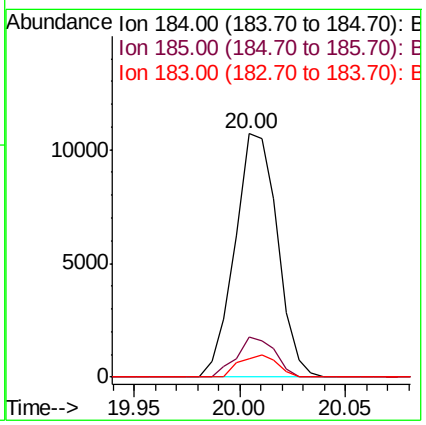


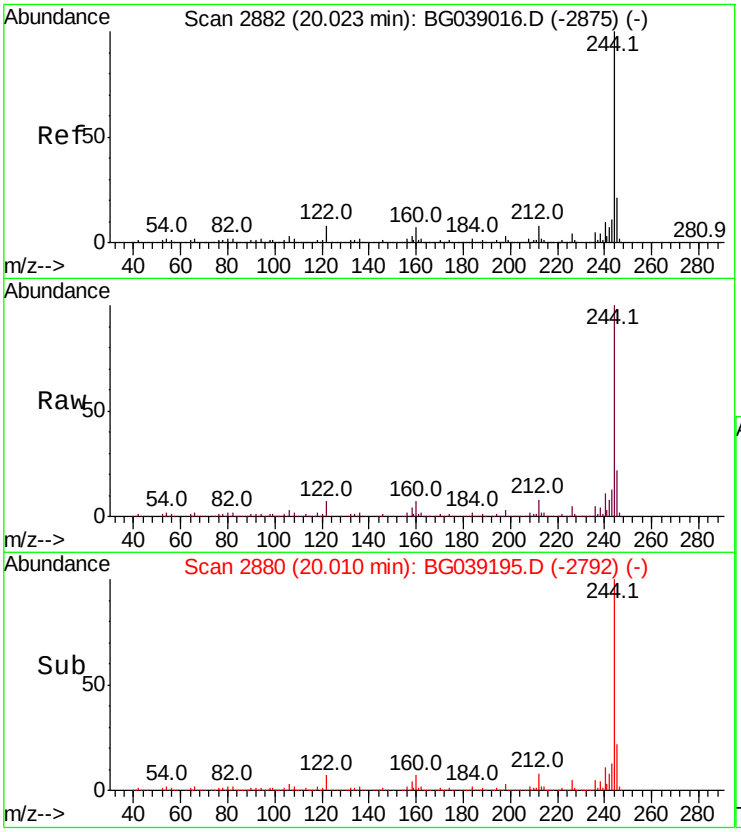


#77
Benzidine
Concen: 2.480 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.35 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:184 Resp: 14862

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.1	18.1
183	7.5	9.5	14.3#



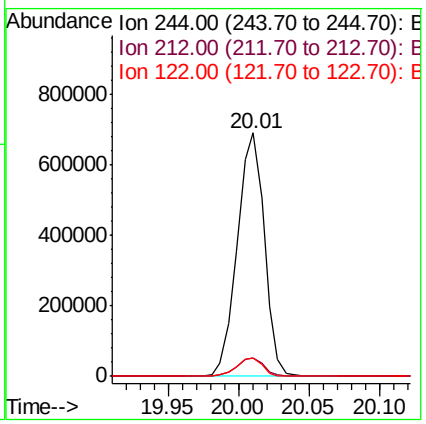


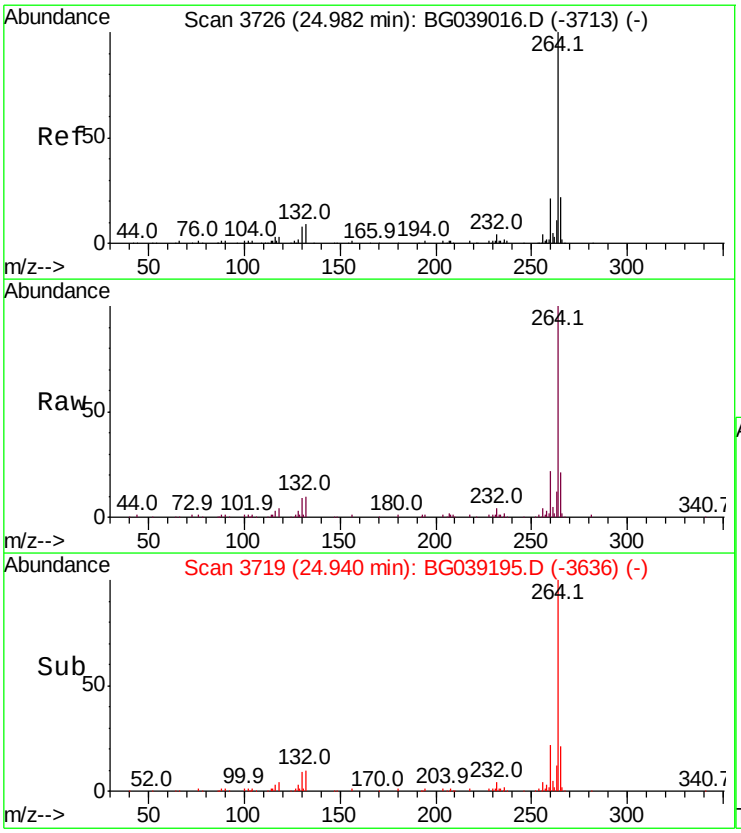
#79
Terphenyl-d14
Concen: 87.330 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tgt Ion:244 Resp: 925001

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.5	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: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:264 Resp: 210344

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.0	25.6
265	20.8	17.2	25.8