Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038213.D
Acq On : 28 Nov 2018 23:50
Operator : JU/SJ
Sample : J6069-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112318-DBRI-F-U-S

Quant Time: Nov 29 04:32:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35867	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	171152	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111276	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	243634	20.00	ng	0.00
76) Chrysene-d12	21.75	240	236503	20.00	ng	0.00
87) Perylene-d12	25.07	264	227460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	106348	51.19	ng	0.00
7) Phenol-d6	7.23	99	94854	31.99	ng	0.00
23) Nitrobenzene-d5	9.26	82	320533	100.25	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	112285	88.48	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	717323	93.91	ng	0.00
79) Terphenyl-d14	20.07	244	1037915	103.26	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.41	79	4292	2.000	ng	# 48
19) n-Nitroso-di-n-propylamine	9.26	70	40834	19.031	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	13903	6.963	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13903	5.118	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	7700	2.879	ng	# 1
77) Benzidine	20.07	184	19106	2.302	ng	# 96

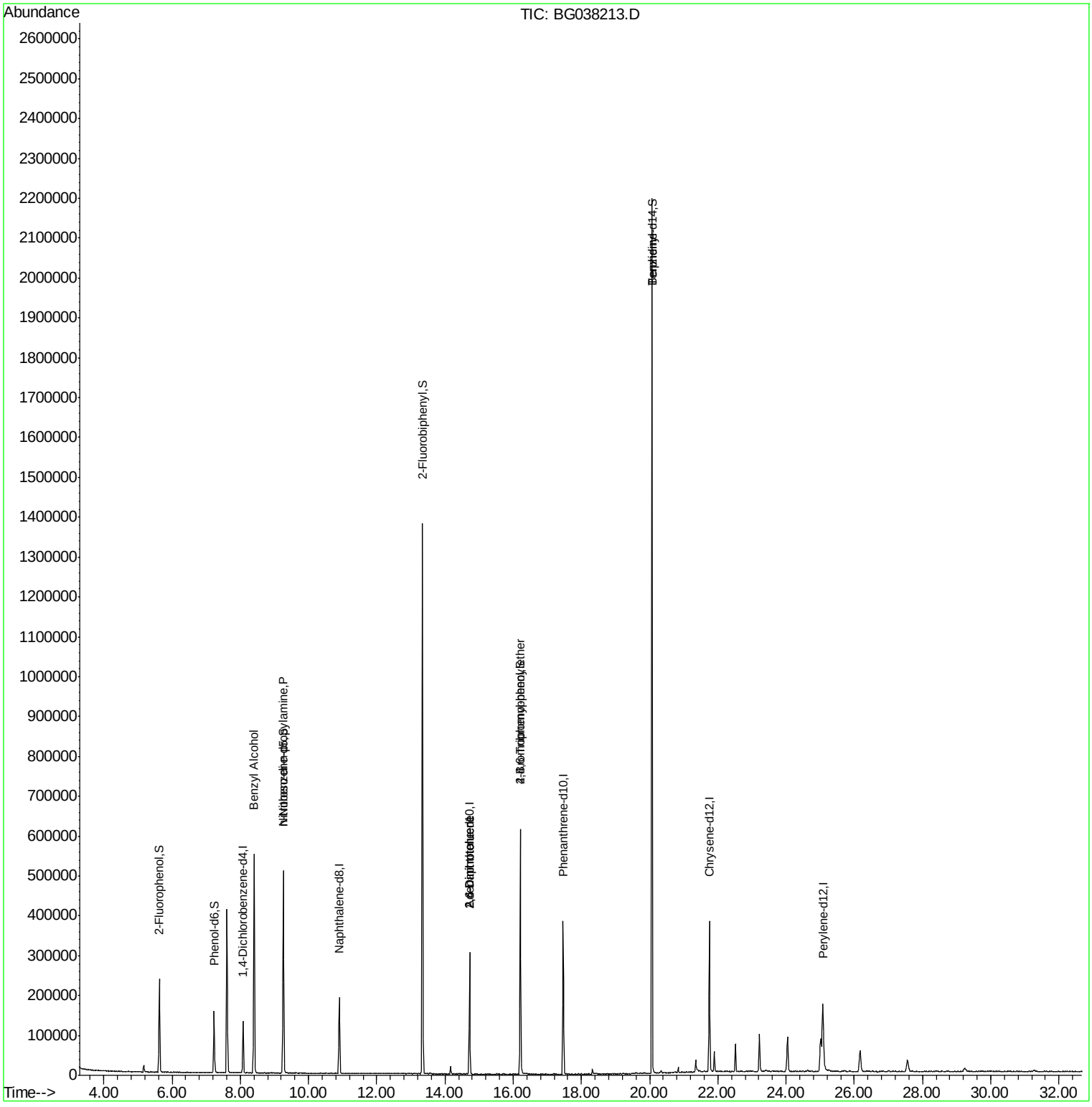
(#) = qualifier out of range (m) = manual integration (+) = signals summed

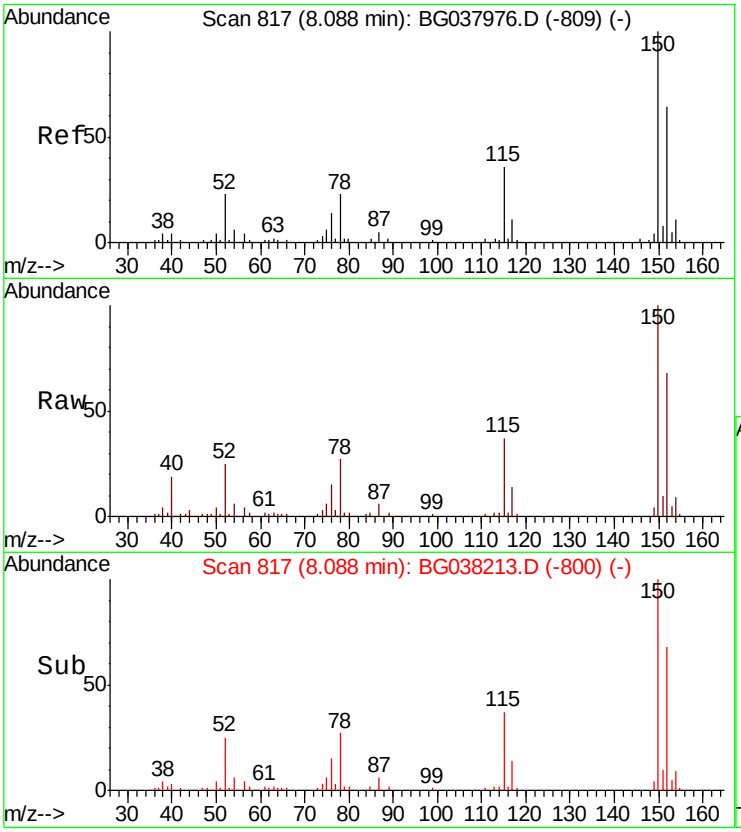
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038213.D
Acq On : 28 Nov 2018 23:50
Operator : JU/SJ
Sample : J6069-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Quant Time: Nov 29 04:32:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



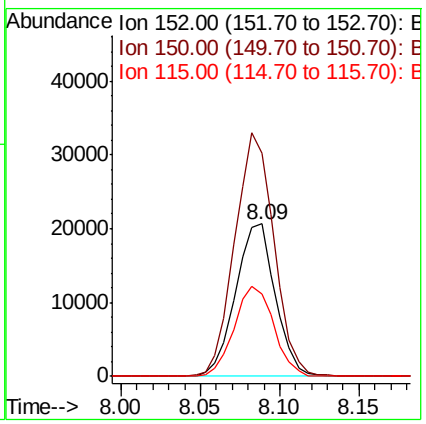


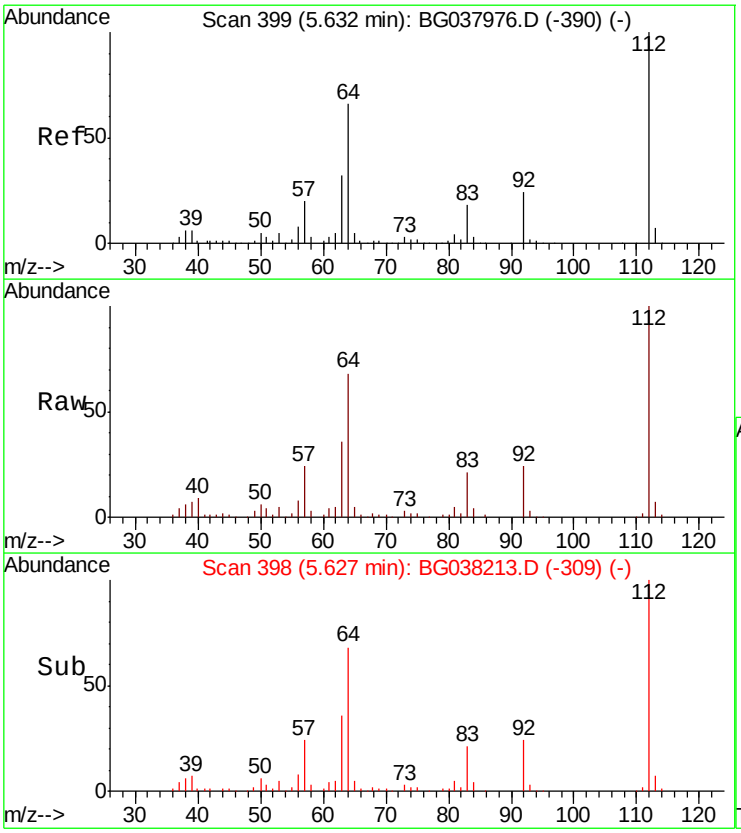
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion:152 Resp: 35867

Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.0	189.0
115	54.4	45.5	68.3

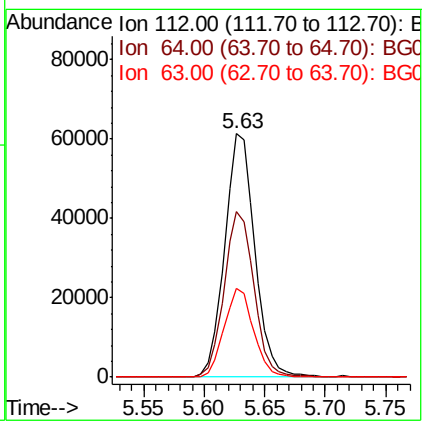


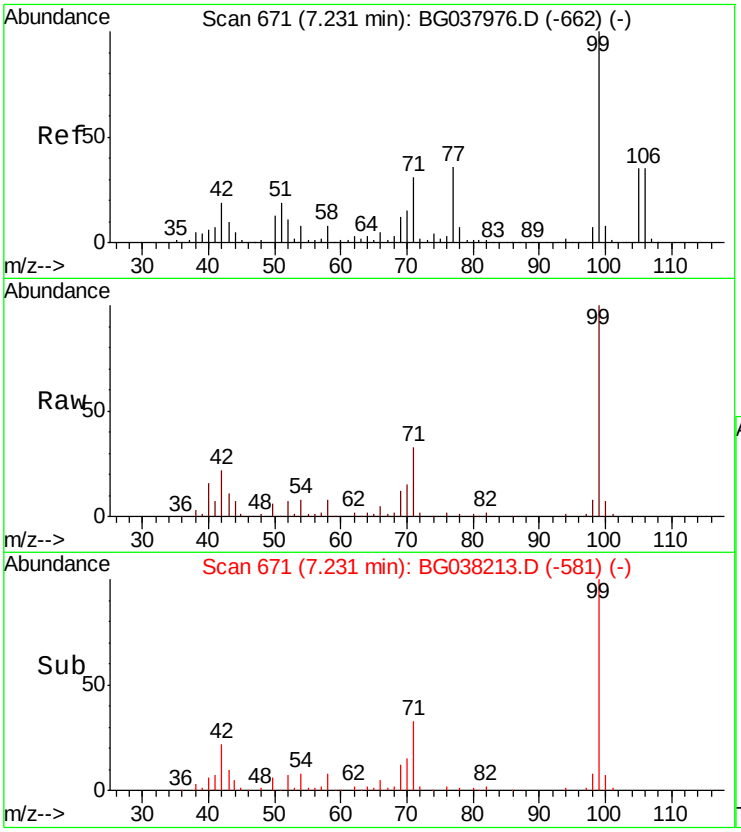


#5
2-Fluorophenol
Concen: 51.194 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:112 Resp: 106348

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	36.3	27.3	40.9



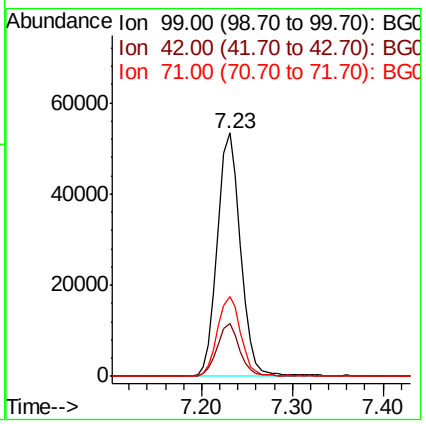


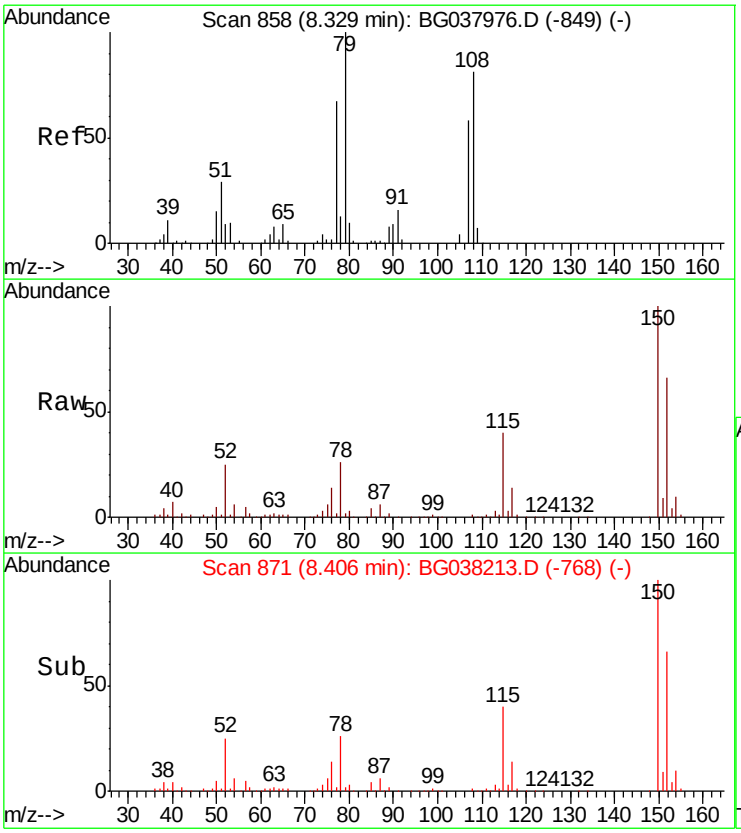
#7
Phenol-d6
Concen: 31.988 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion: 99 Resp: 94854

Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.0	22.4
71	32.8	25.5	38.3

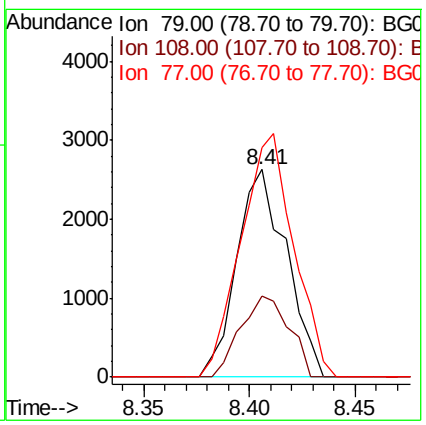


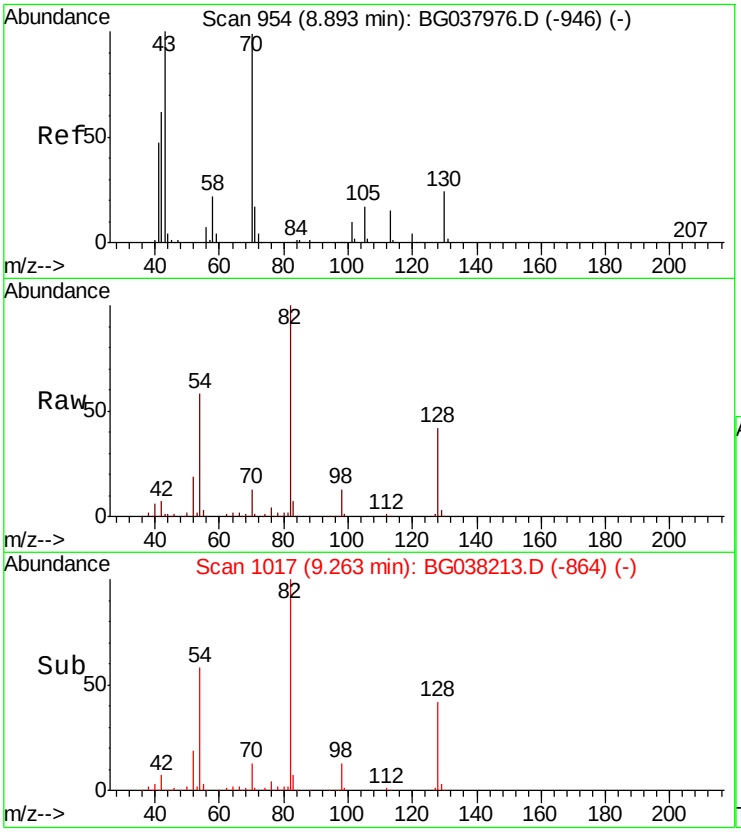


#15
Benzyl Alcohol
Concen: 2.000 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion: 79 Resp: 4292

Ion	Ratio	Lower	Upper
79	100		
108	38.8	65.8	98.8#
77	110.7	52.9	79.3#



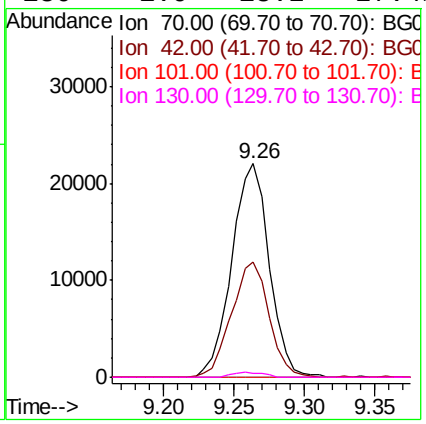


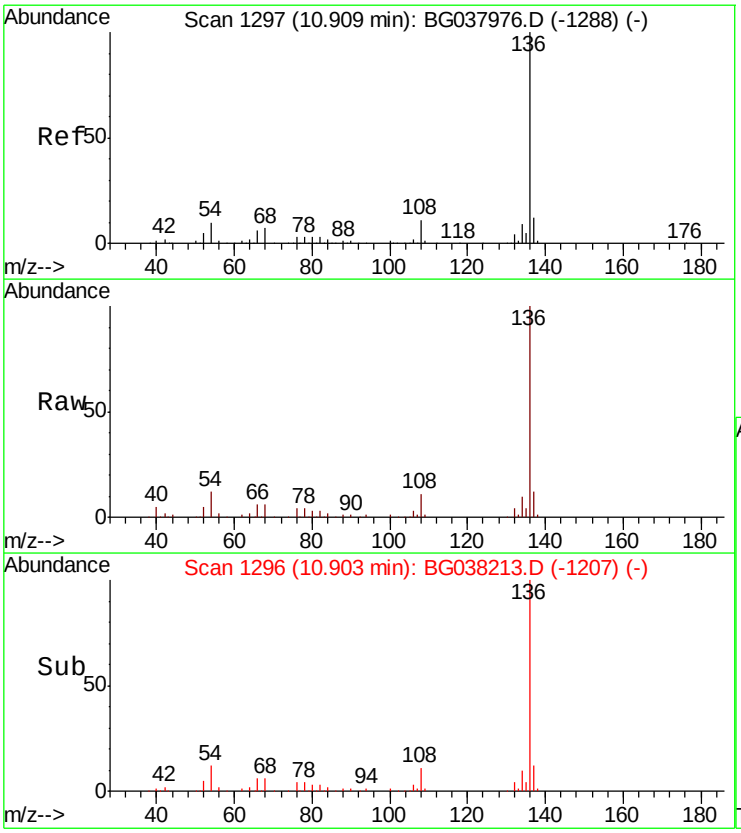
#19
n-Nitroso-di-n-propylamine
Concen: 19.031 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion: 70 Resp: 40834

Ion	Ratio	Lower	Upper
70	100		
42	53.7	53.9	80.9#
101	0.0	8.2	12.2#
130	1.9	18.2	27.4#

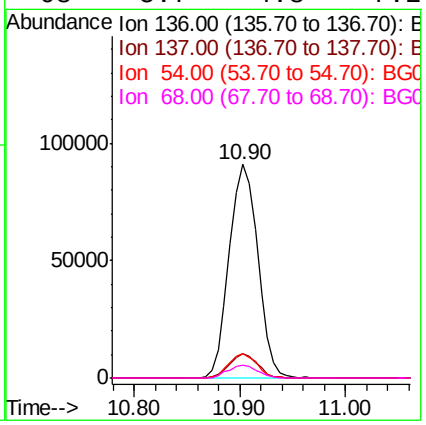


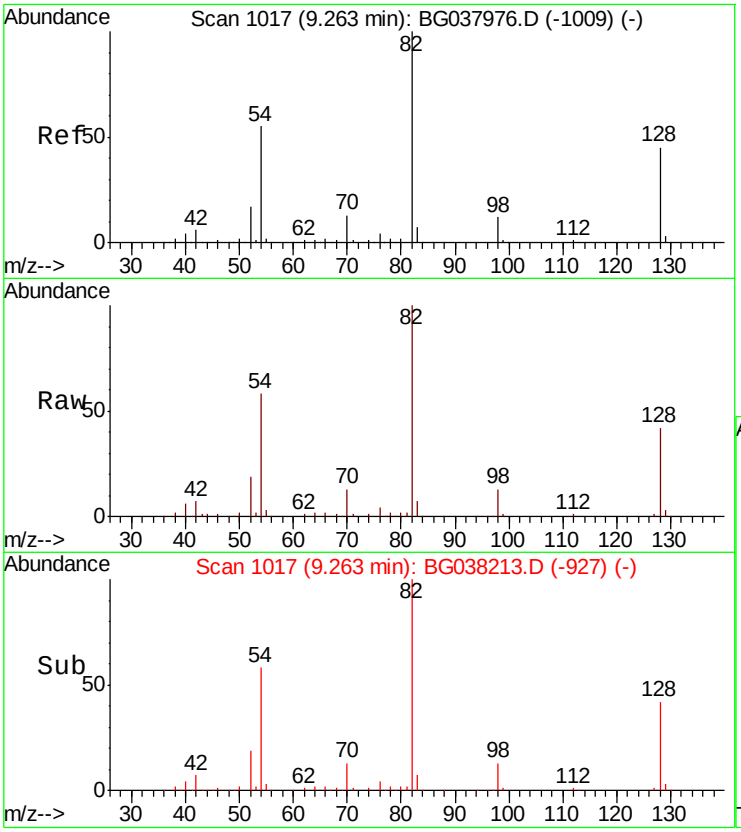


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:136 Resp: 171152

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.7	7.9	11.9
68	5.7	4.8	7.2



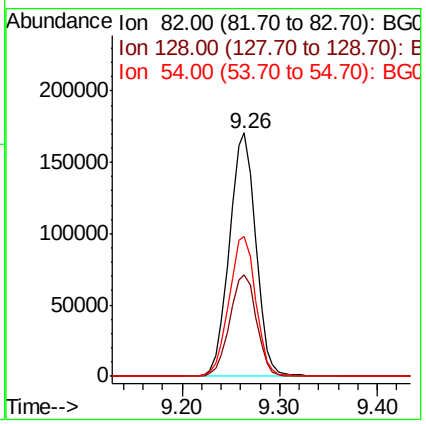


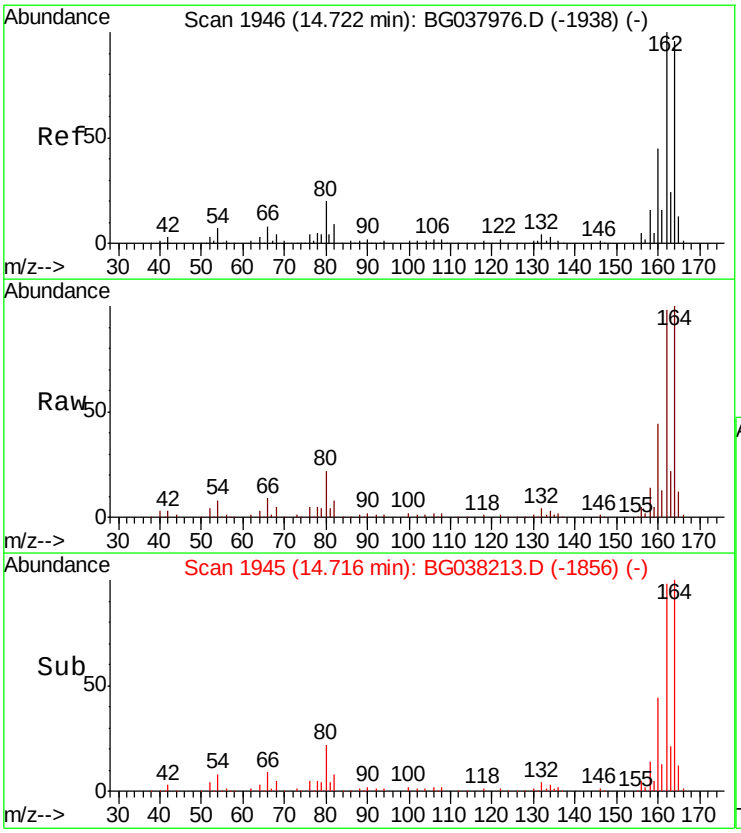
#23
Nitrobenzene-d5
Concen: 100.251 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion: 82 Resp: 320533

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	57.7	45.3	67.9

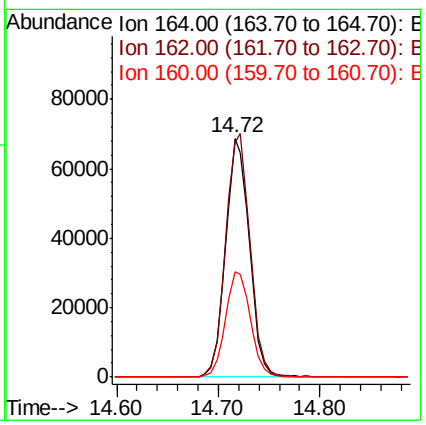


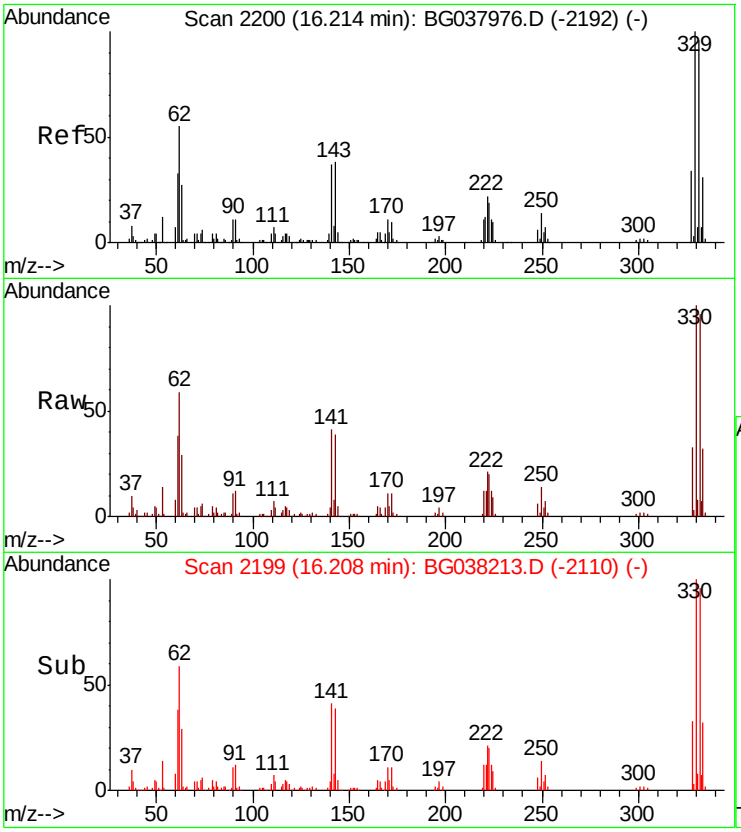


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:164 Resp: 111276

Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.3	121.9
160	44.0	36.3	54.5



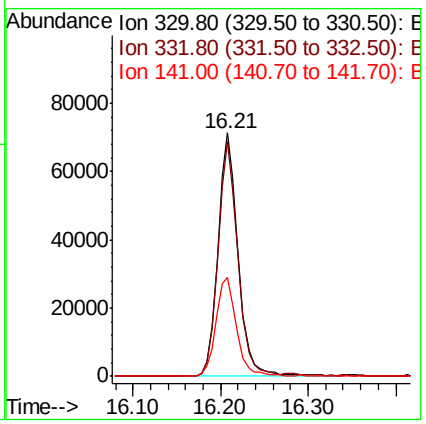


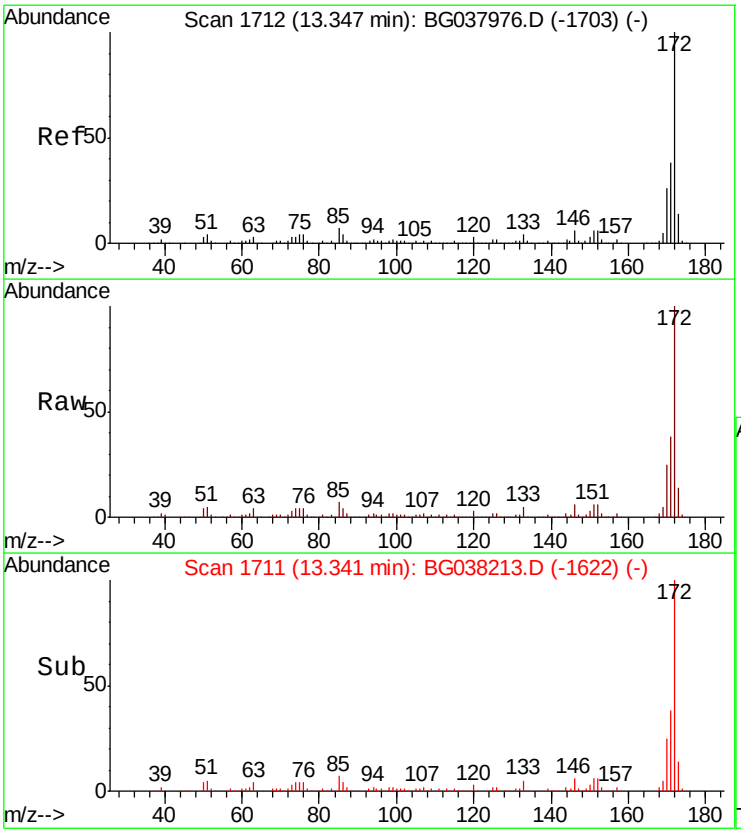
#42
2,4,6-Tribromophenol
Concen: 88.478 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion:330 Resp: 112285

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	42.1	32.2	48.2

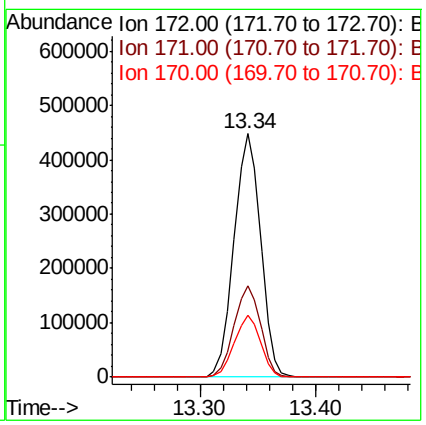


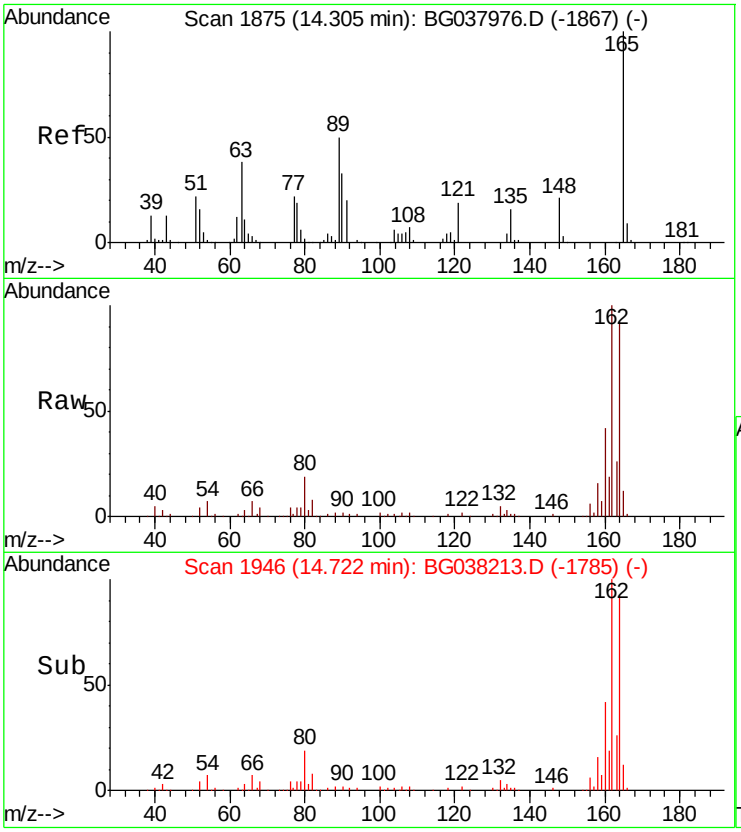


#45
2-Fluorobiphenyl
Concen: 93.914 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:172 Resp: 717323

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.4	20.2	30.2



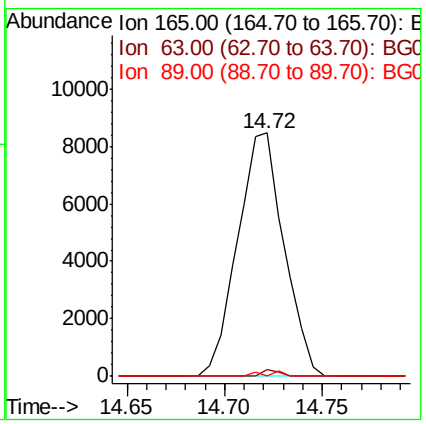


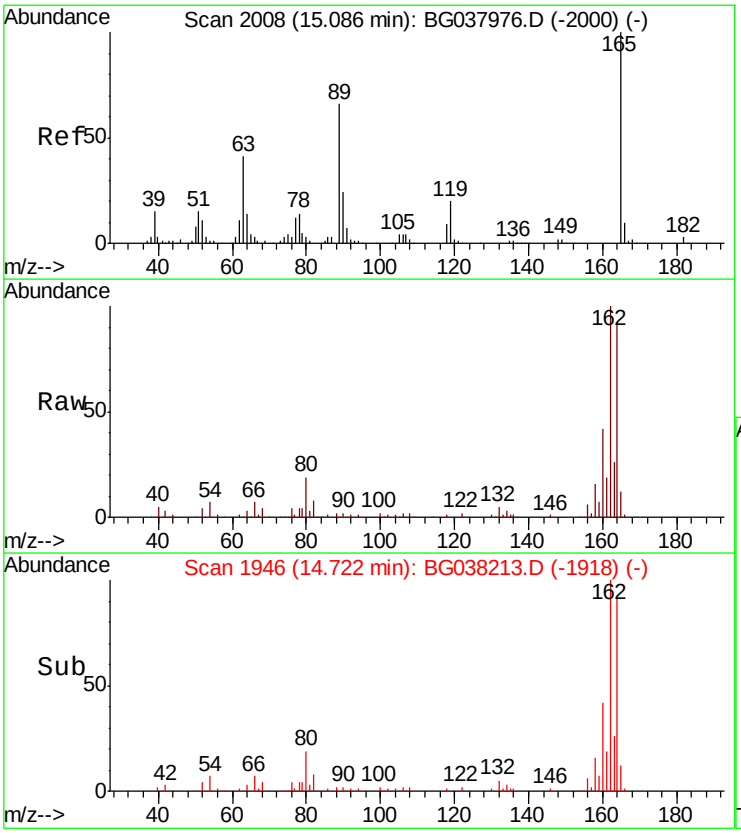
#51
2,6-Dinitrotoluene
Concen: 6.963 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion:165 Resp: 13903

Ion	Ratio	Lower	Upper
165	100		
63	3.0	43.4	65.2#
89	0.0	45.8	68.6#

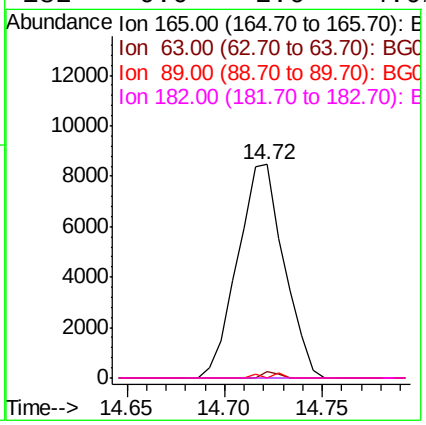


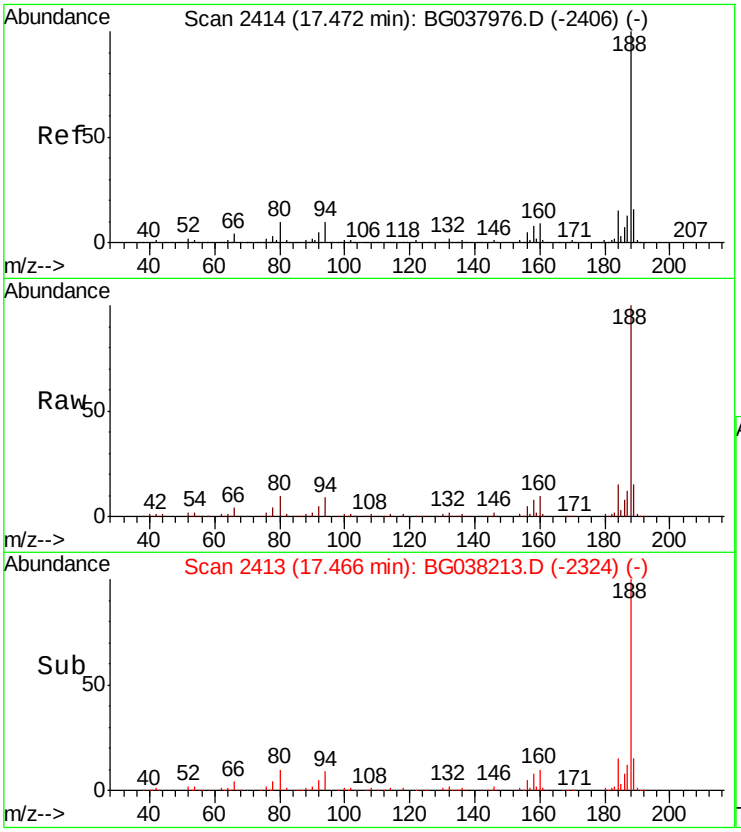


#57
2,4-Dinitrotoluene
Concen: 5.118 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:165 Resp: 13903

Ion	Ratio	Lower	Upper
165	100		
63	3.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



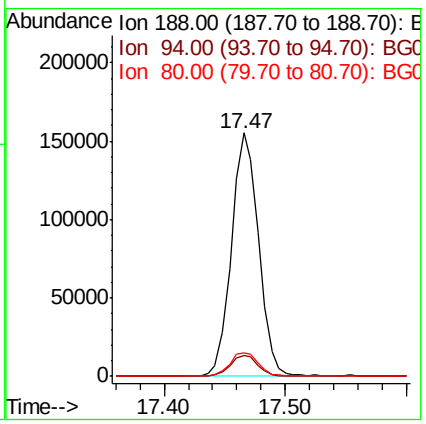


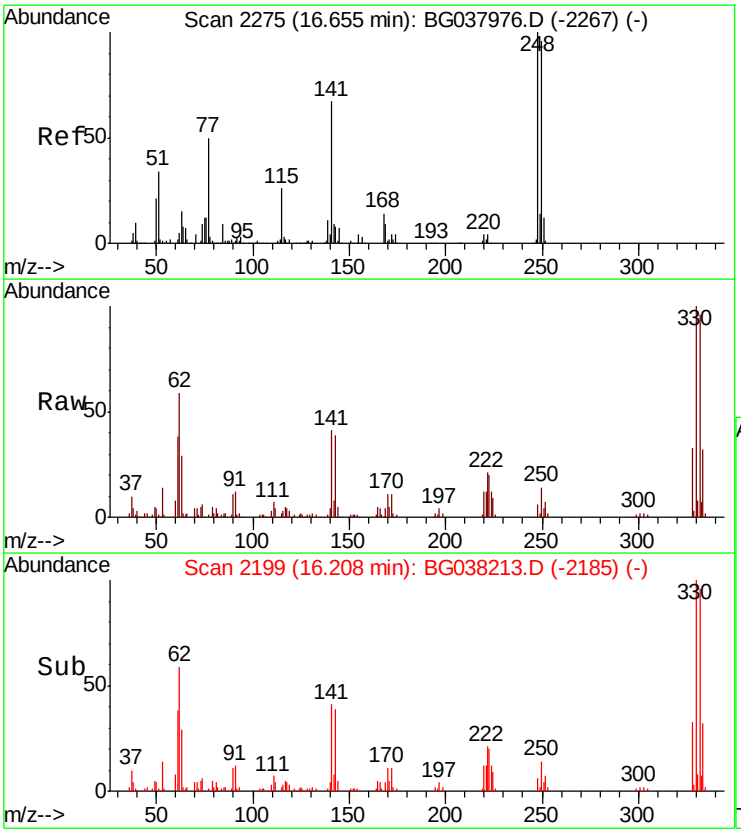
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion:188 Resp: 243634

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.7	7.7	11.5

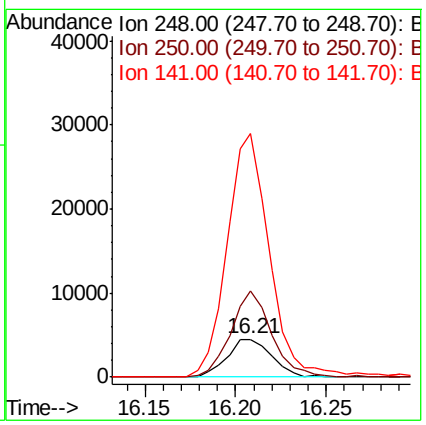


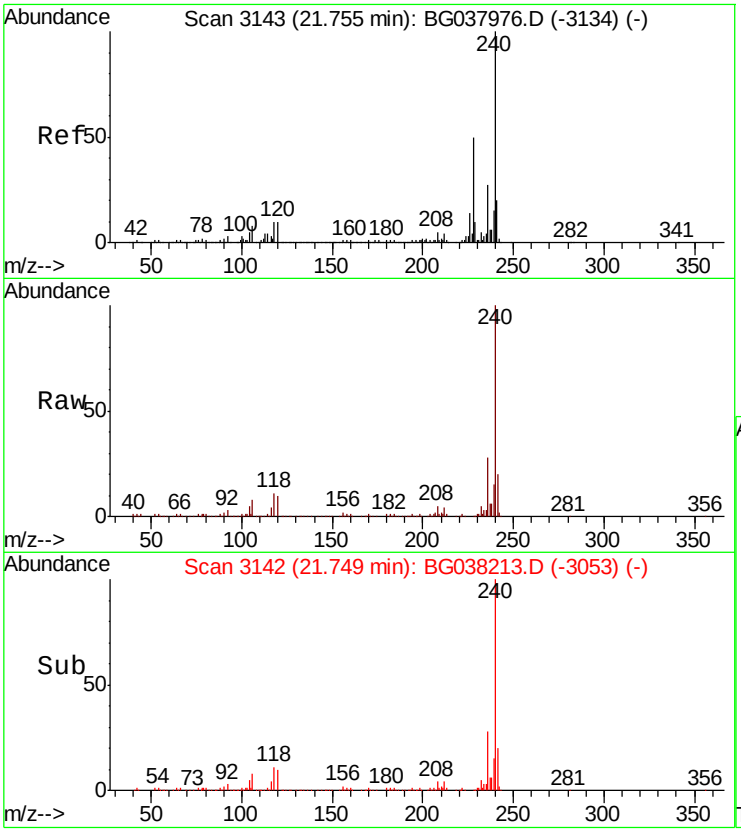


#67
4-Bromophenyl-phenylether
Concen: 2.879 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:248 Resp: 7700

Ion	Ratio	Lower	Upper
248	100		
250	222.0	77.0	115.6#
141	487.3	55.5	83.3#



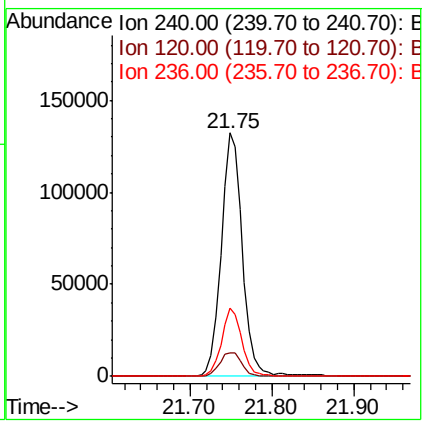


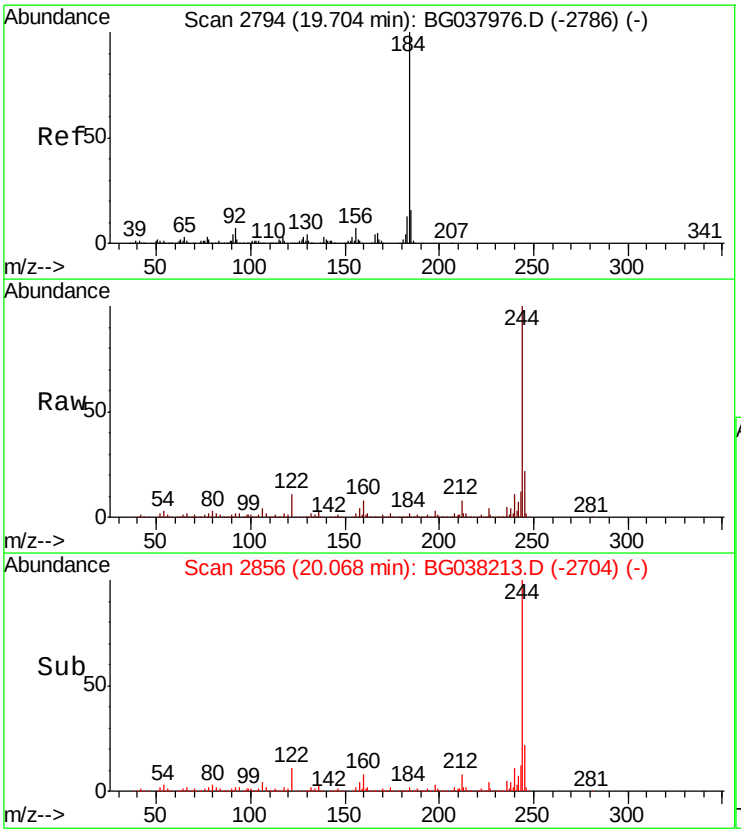
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion:240 Resp: 236503

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.1	12.1
236	28.0	21.4	32.0

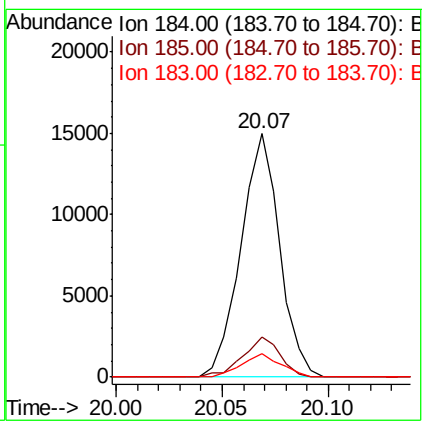


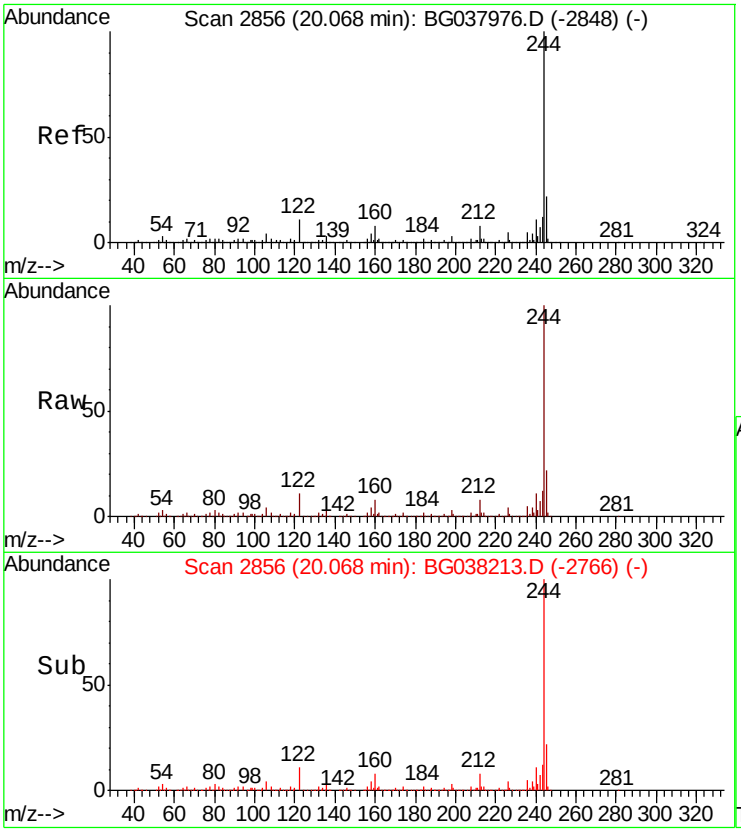


#77
Benzidine
Concen: 2.302 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:184 Resp: 19106

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	18.8
183	9.7	10.2	15.2#



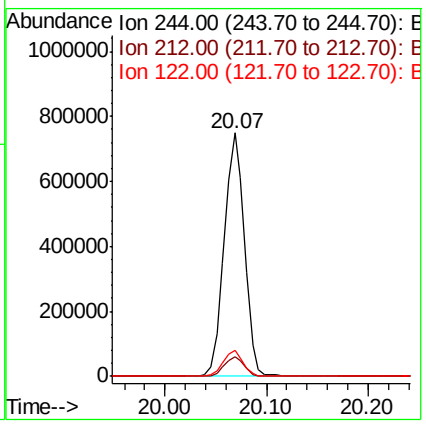


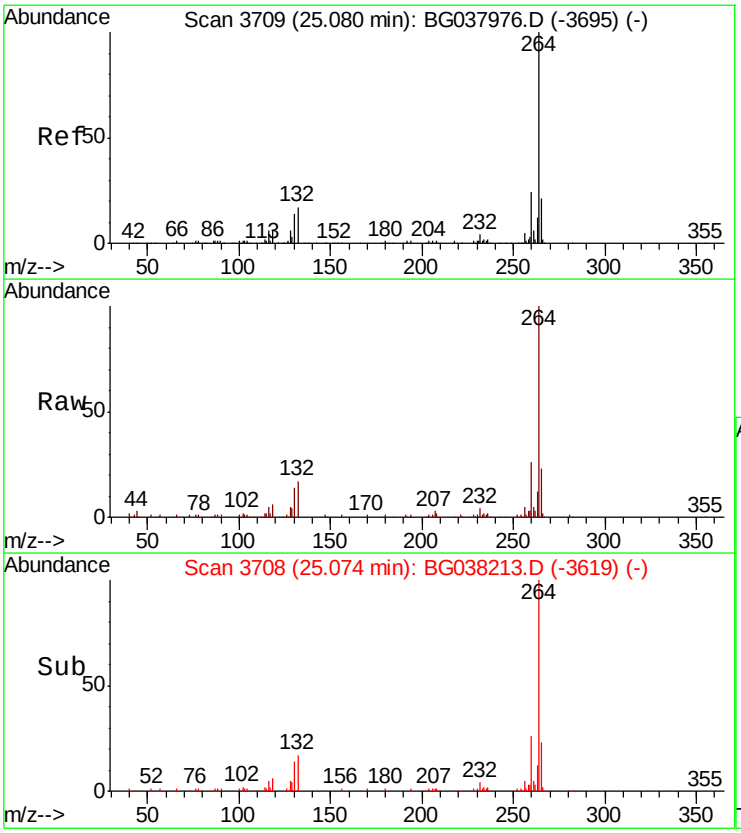
#79
Terphenyl-d14
Concen: 103.264 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tgt Ion:244 Resp: 1037915

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:264 Resp: 227460

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.4
265	23.1	17.9	26.9