Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
Data File : BG035357.D
Acq On : 23 Jun 2018 7:45
Operator : JU/SJ
Sample : J3587-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TIPC-F-D-B

Quant Time: Jun 25 05:47:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45591	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	153645	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	102668	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	277369	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	324614	20.00	ng		-0.03
86) Perylene-d12	24.90	264	312868	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	123562	45.74	ng		-0.01
7) Phenol-d6	7.21	99	111811	28.04	ng		-0.02
23) Nitrobenzene-d5	9.21	82	403119	124.72	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	176107	133.99	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	927117	117.39	ng		-0.02
78) Terphenyl-d14	20.02	244	1538396	99.27	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.23	94	8323	2.017	ng		82
15) Benzyl Alcohol	8.37	79	7610	2.014	ng	#	56
19) n-Nitroso-di-n-propylamine	9.21	70	54382	16.054	ng	#	68
49) Dimethylphthalate	14.12	163	28768	3.213	ng		100
50) 2,6-Dinitrotoluene	14.67	165	14820	9.074	ng	#	23
56) 2,4-Dinitrotoluene	14.67	165	14820	6.830	ng	#	21
66) 4-Bromophenyl-phenylether	16.16	248	13835	4.142	ng	#	1
76) Benzidine	20.02	184	26697	2.211	ng	#	89

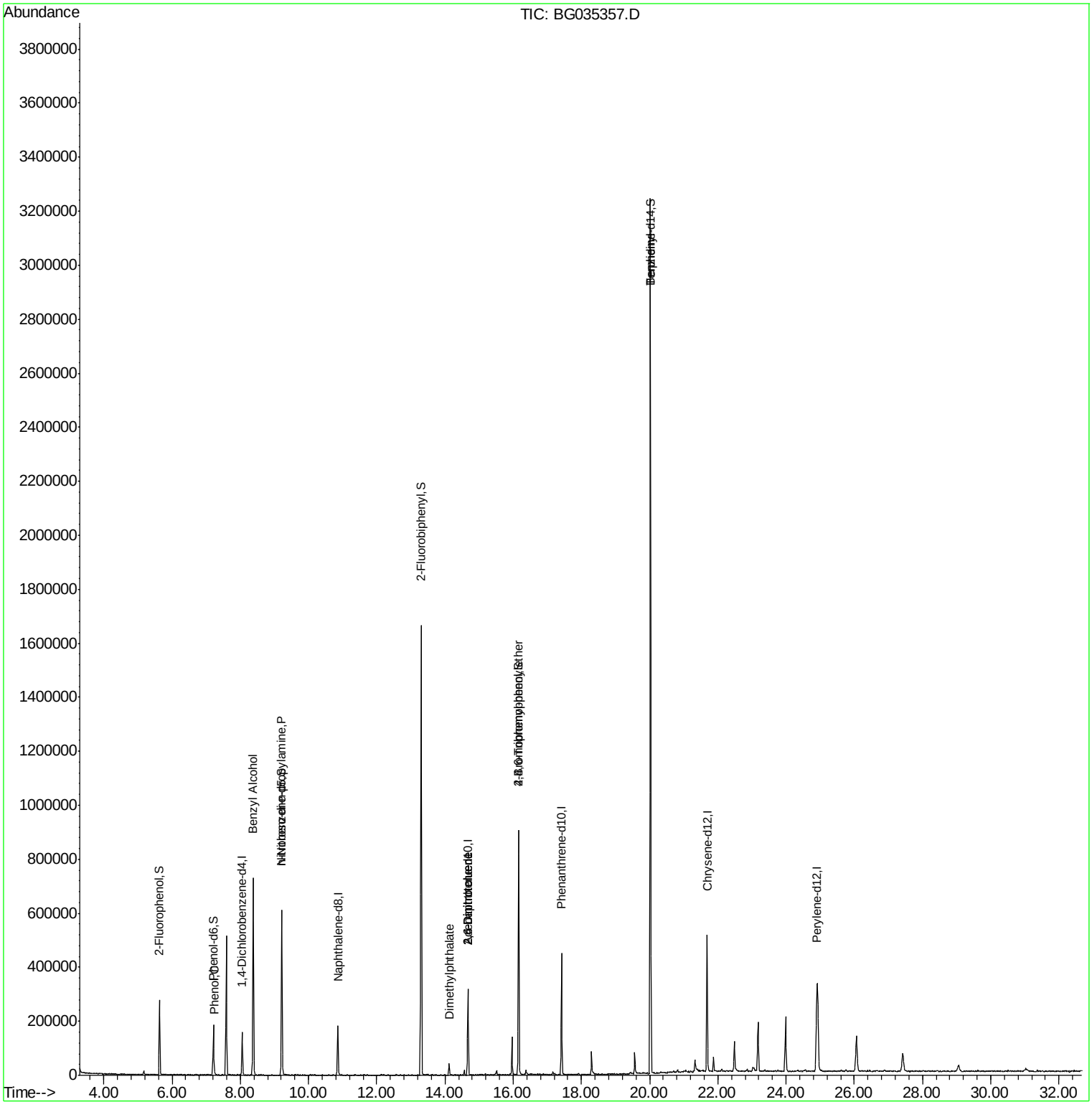
(#) = qualifier out of range (m) = manual integration (+) = signals summed

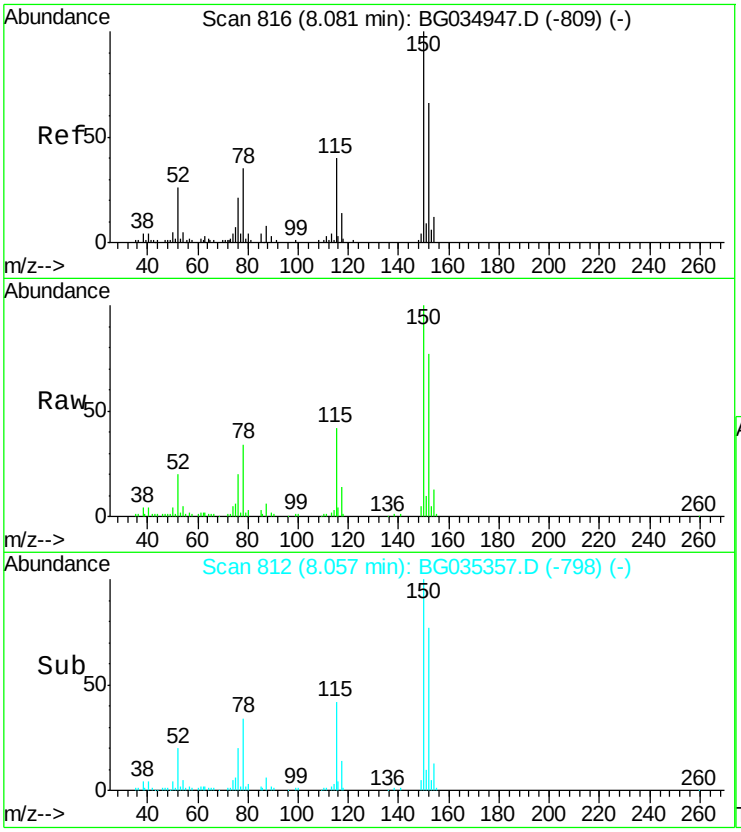
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
Data File : BG035357.D
Acq On : 23 Jun 2018 7:45
Operator : JU/SJ
Sample : J3587-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Quant Time: Jun 25 05:47:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



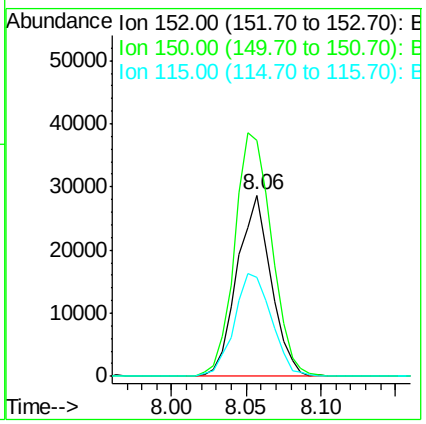


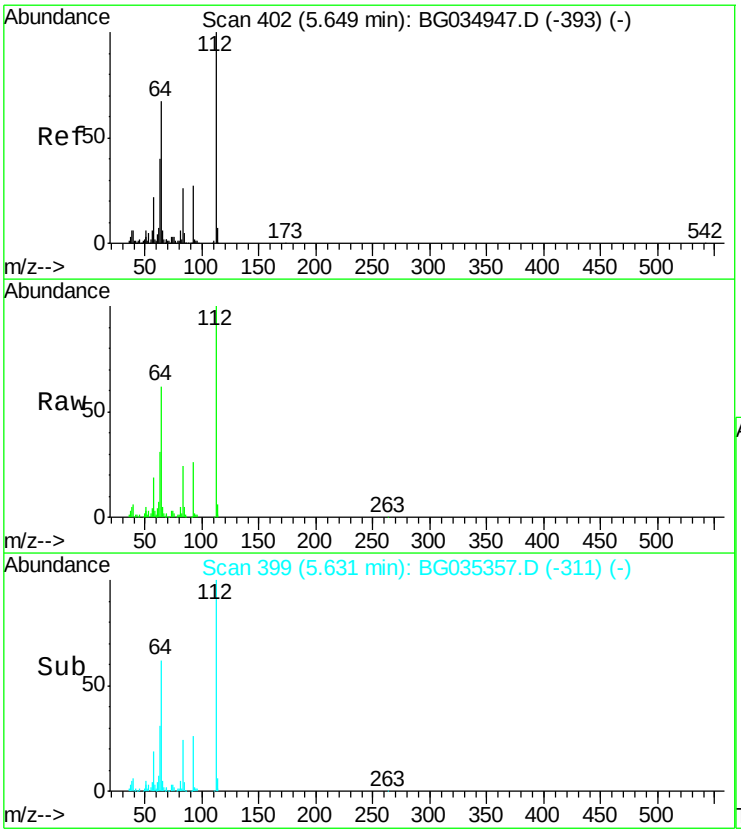
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:152 Resp: 45591

Ion	Ratio	Lower	Upper
152	100		
150	130.5	126.6	189.8
115	54.7	53.0	79.4

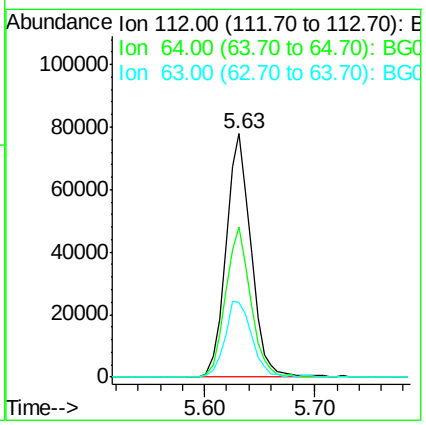


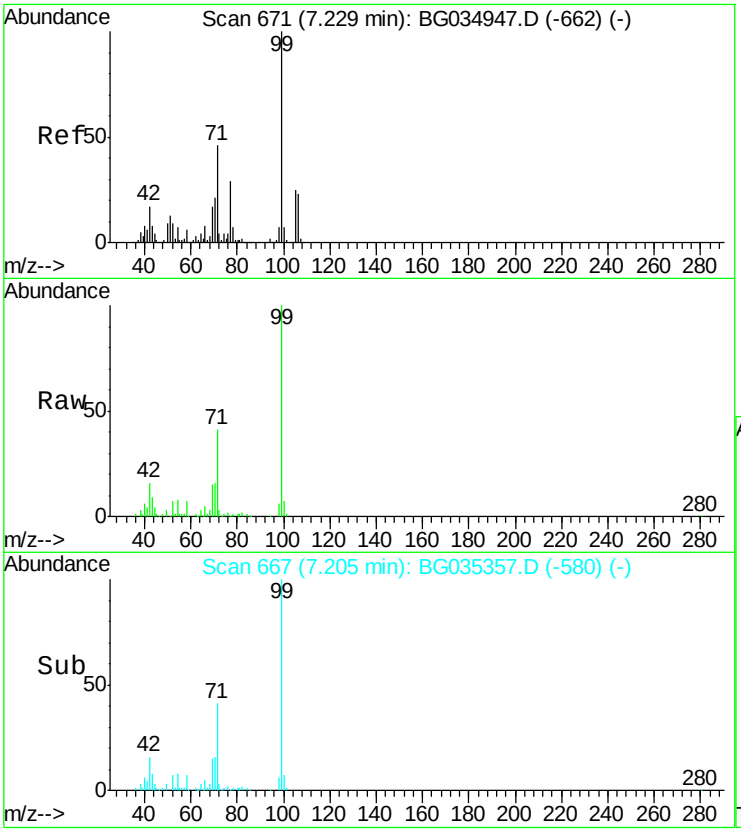


#5
2-Fluorophenol
Concen: 45.738 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:112 Resp: 123562

Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	30.7	30.1	45.1



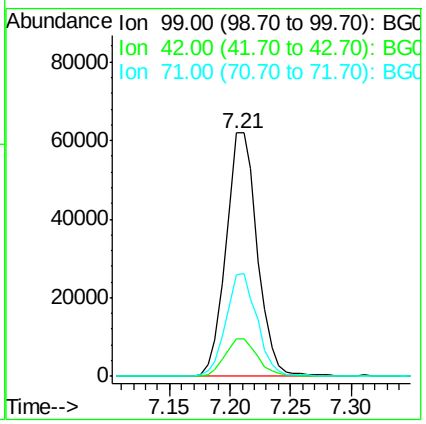


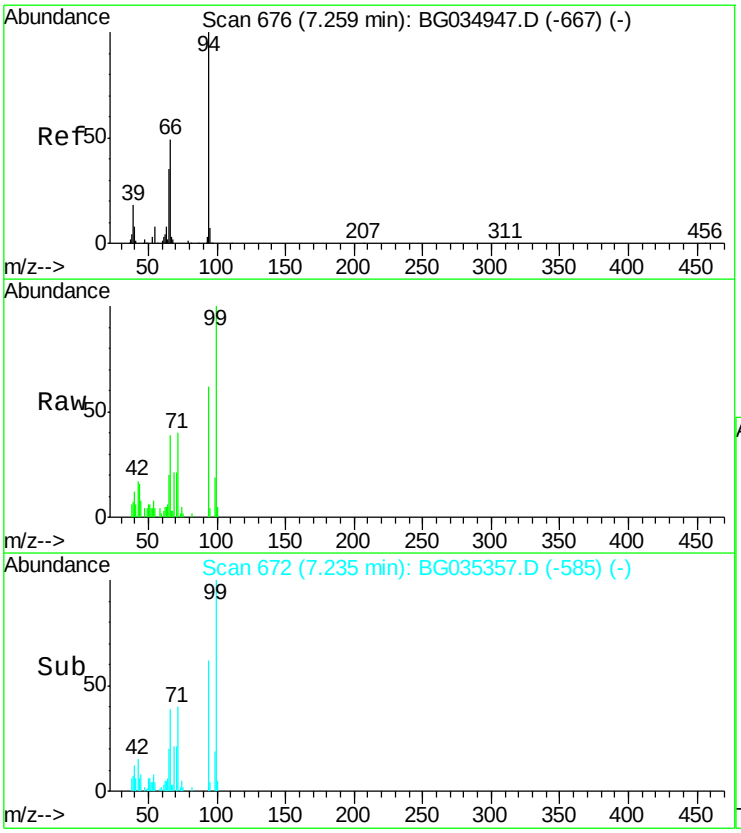
#7
Phenol-d6
Concen: 28.042 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion: 99 Resp: 111811

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	41.5	26.1	39.1#

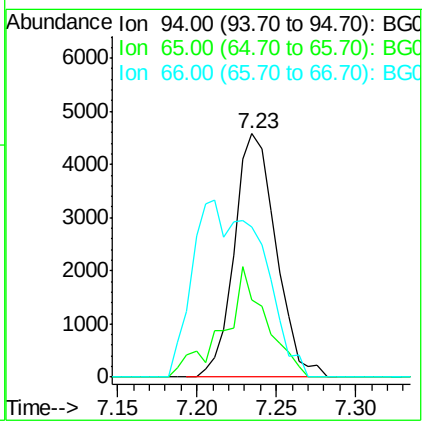


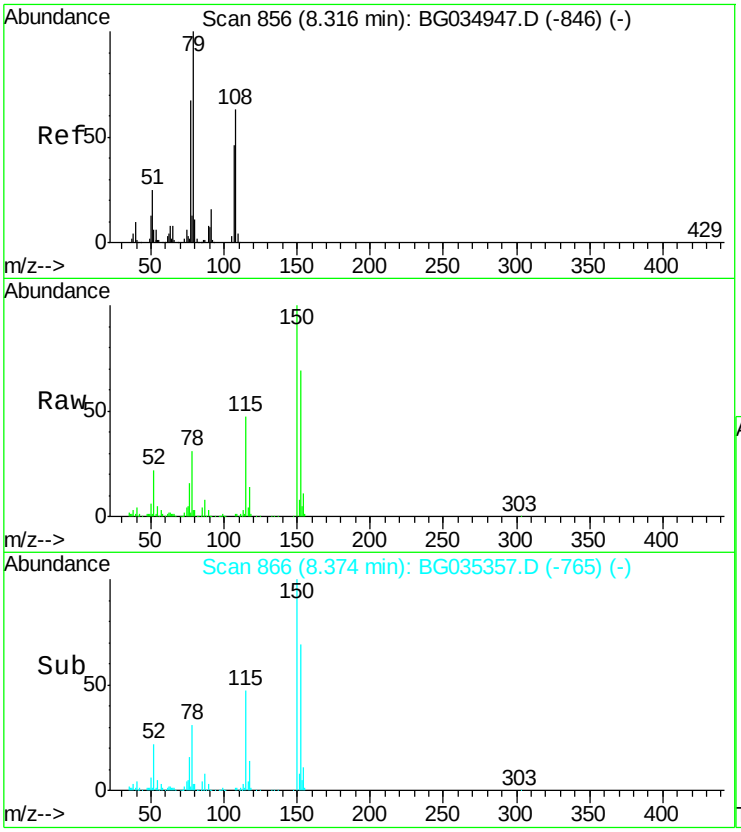


#10
Phenol
Concen: 2.017 ng
RT: 7.23 min Scan# 672
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion: 94 Resp: 8323

Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.9	51.9
66	61.8	22.2	62.2



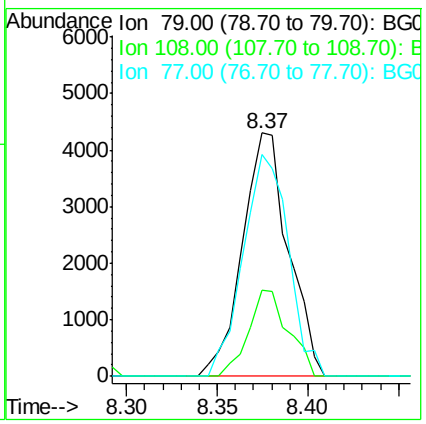


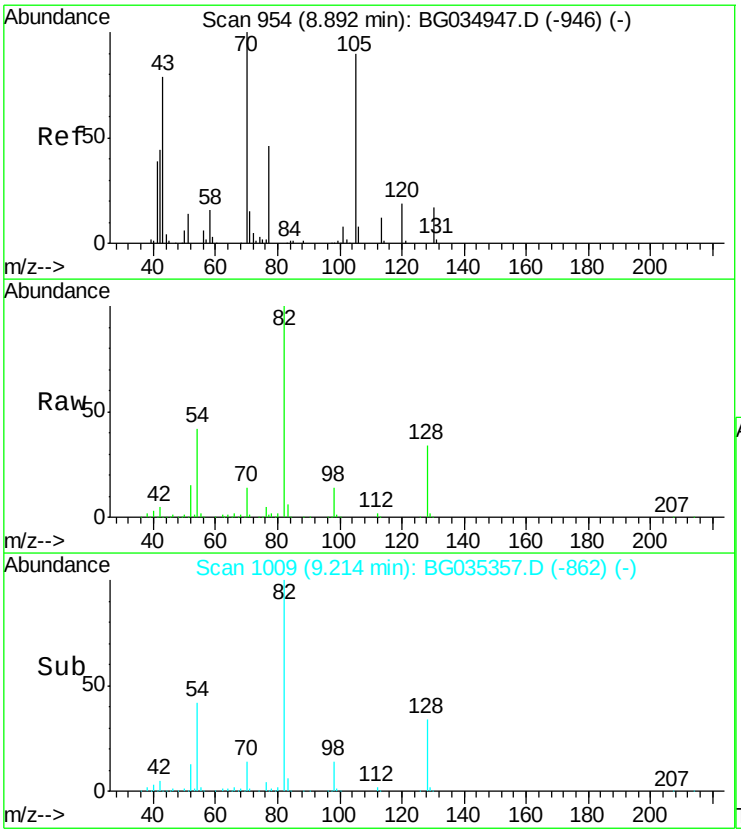
#15
Benzyl Alcohol
Concen: 2.014 ng
RT: 8.37 min Scan# 866
Delta R.T. 0.06 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion: 79 Resp: 7610

Ion	Ratio	Lower	Upper
79	100		
108	35.3	57.2	85.8#
77	91.1	46.1	69.1#

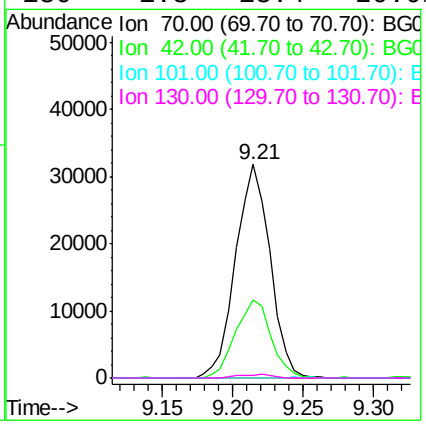


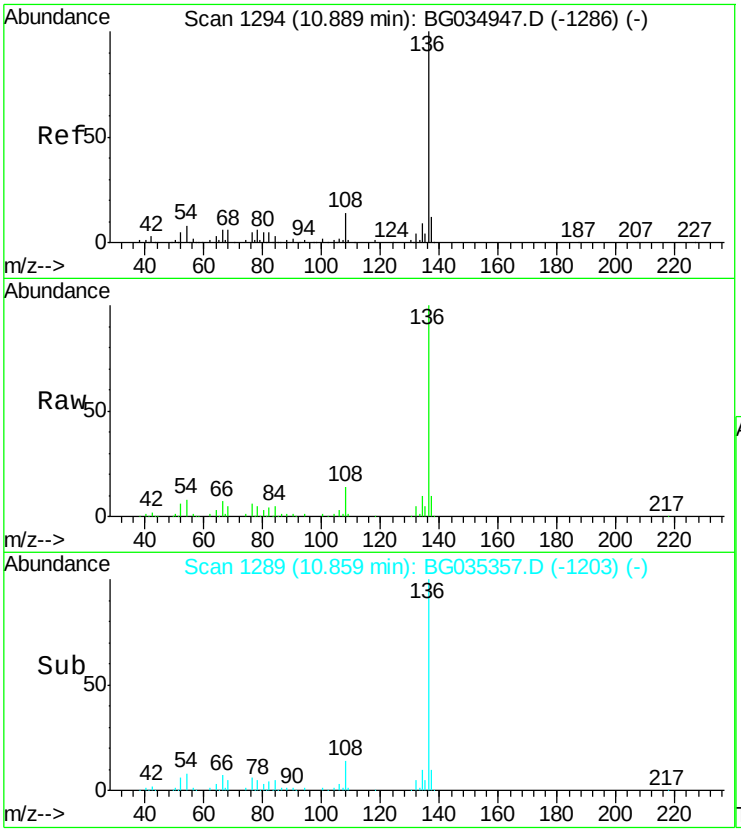


#19
n-Nitroso-di-n-propylamine
Concen: 16.054 ng
RT: 9.21 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion: 70 Resp: 54382

Ion	Ratio	Lower	Upper
70	100		
42	36.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



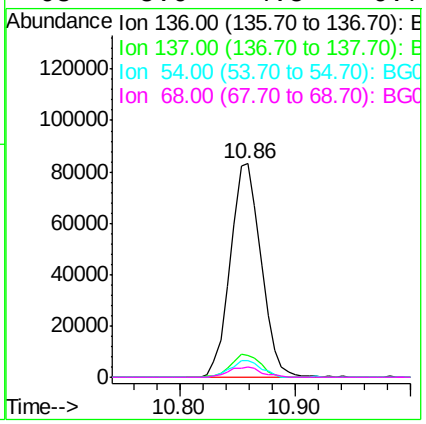


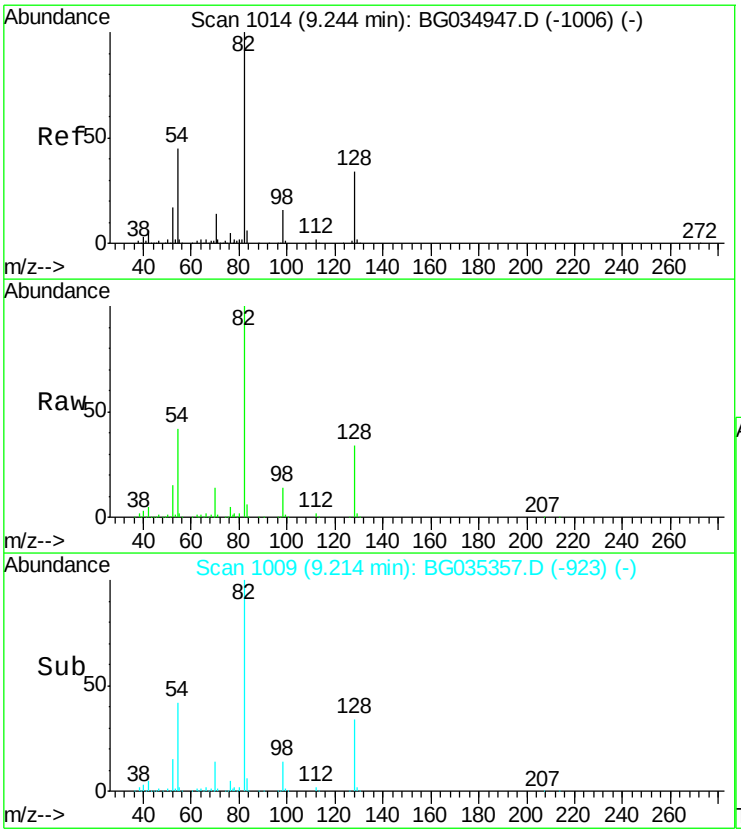
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:136 Resp: 153645

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.1	10.3	15.5#
68	5.0	4.5	6.7

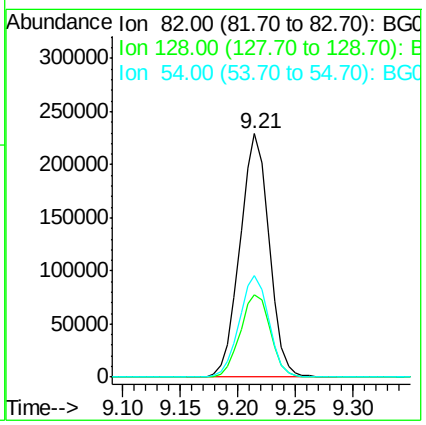


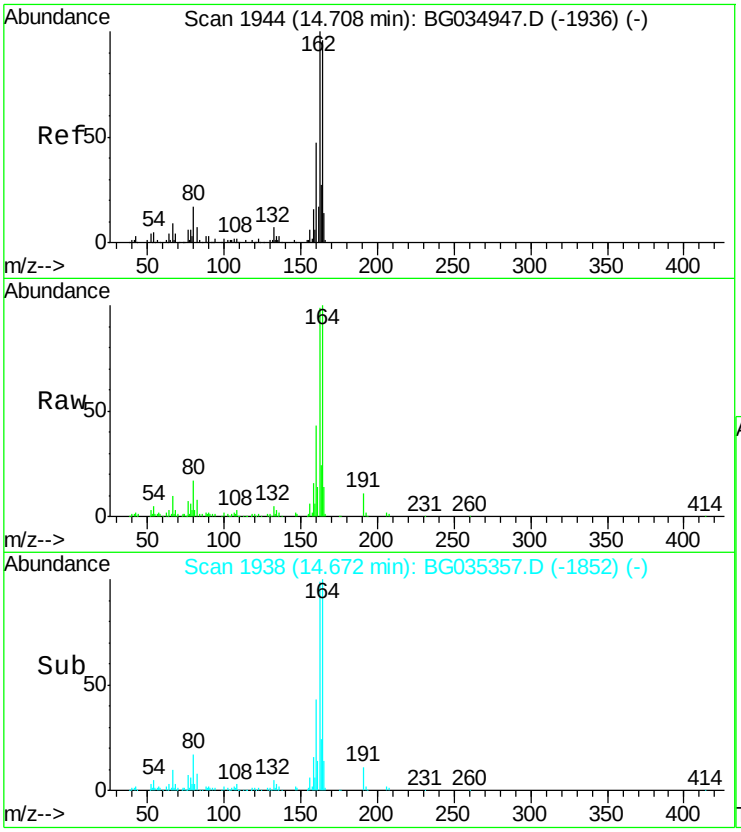


#23
Nitrobenzene-d5
Concen: 124.716 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion: 82 Resp: 403119

Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	42.0	43.1	64.7#



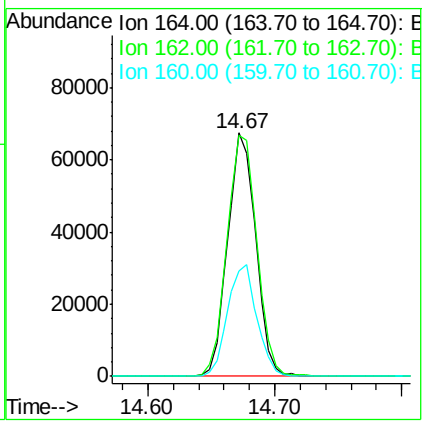


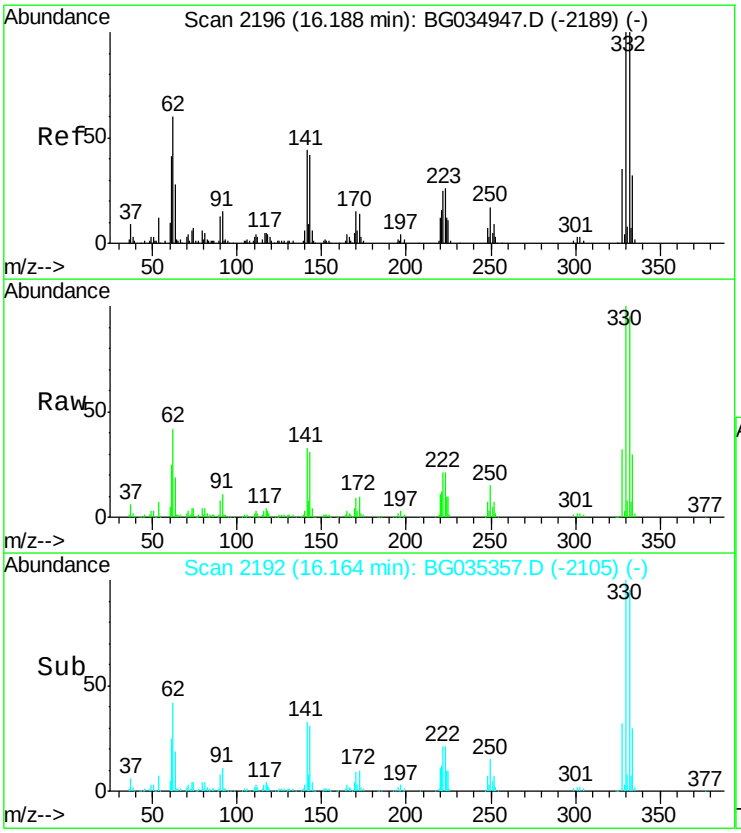
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:164 Resp: 102668

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	43.3	35.4	53.0

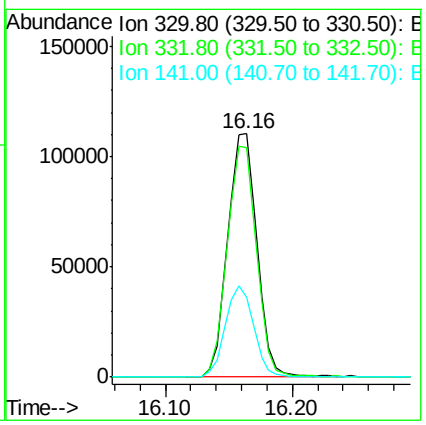


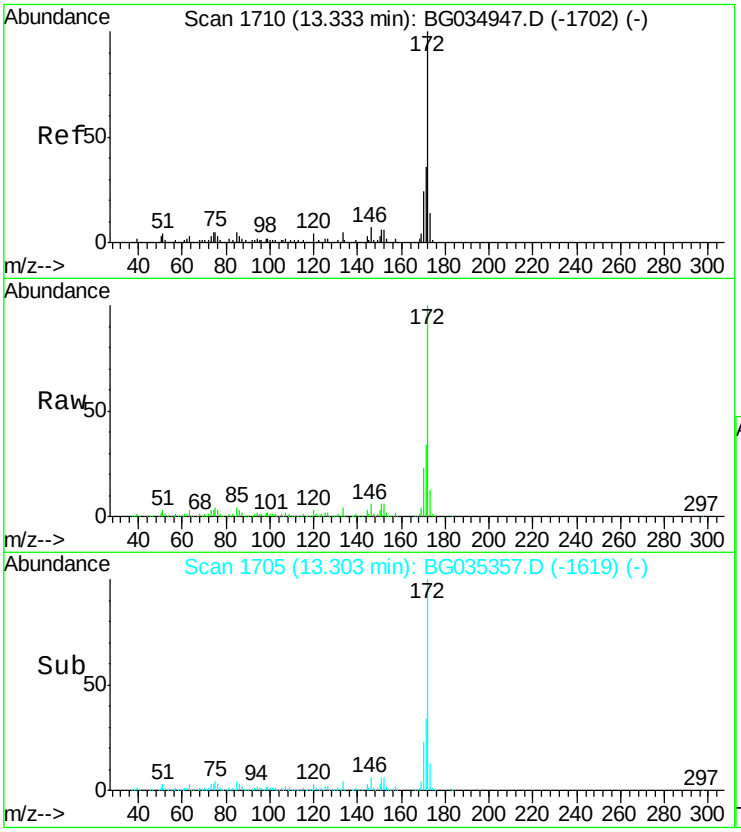


#41
2,4,6-Tribromophenol
Concen: 133.995 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:330 Resp: 176107

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.4	25.2	37.8



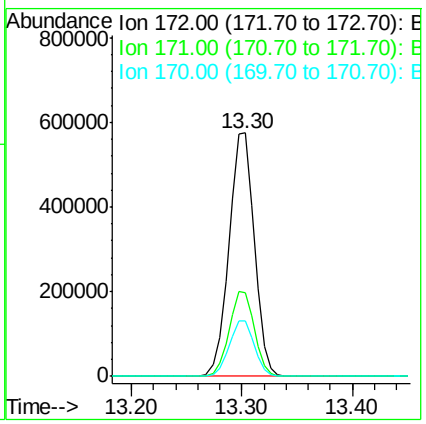


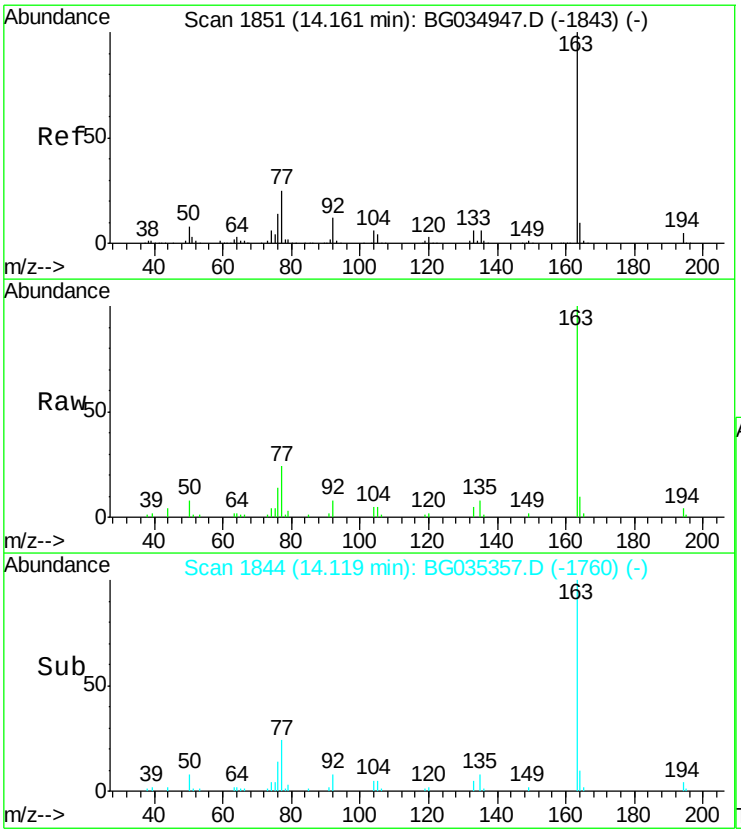
#44
2-Fluorobiphenyl
Concen: 117.393 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:172 Resp: 927117

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	22.9	19.5	29.3

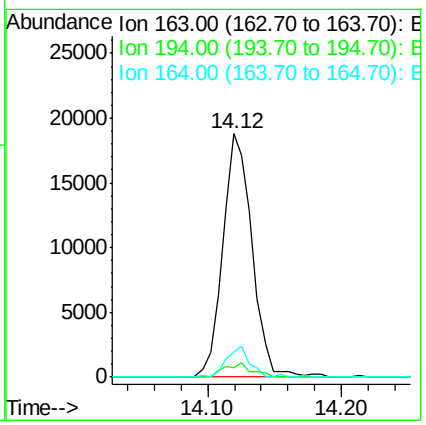


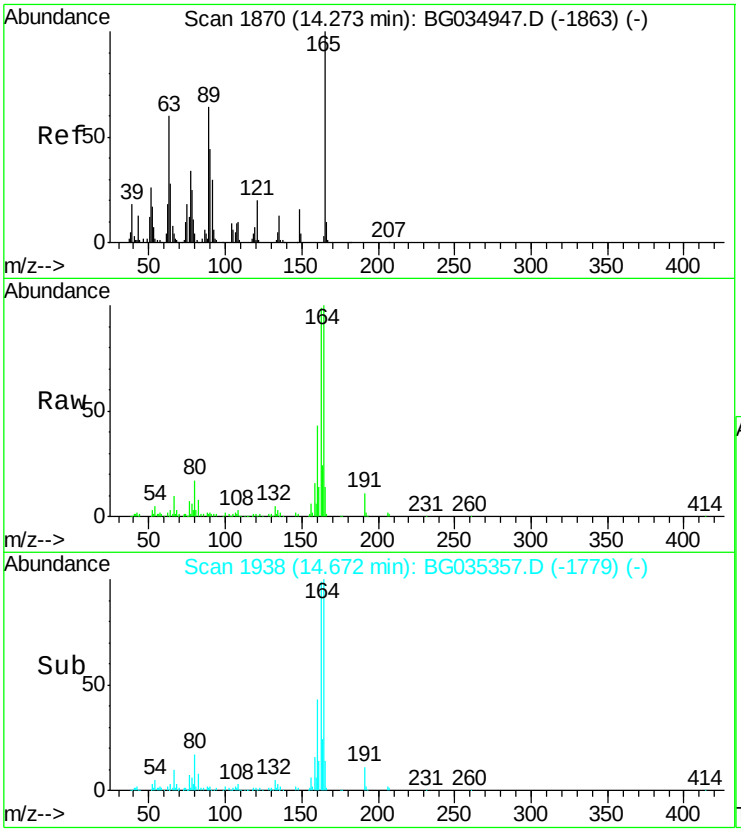


#49
Dimethylphthalate
Concen: 3.213 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:163 Resp: 28768

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.2	8.2	12.4



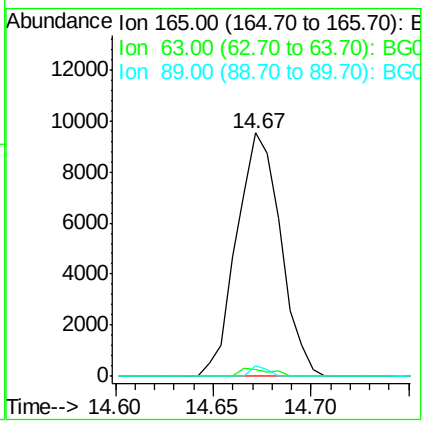


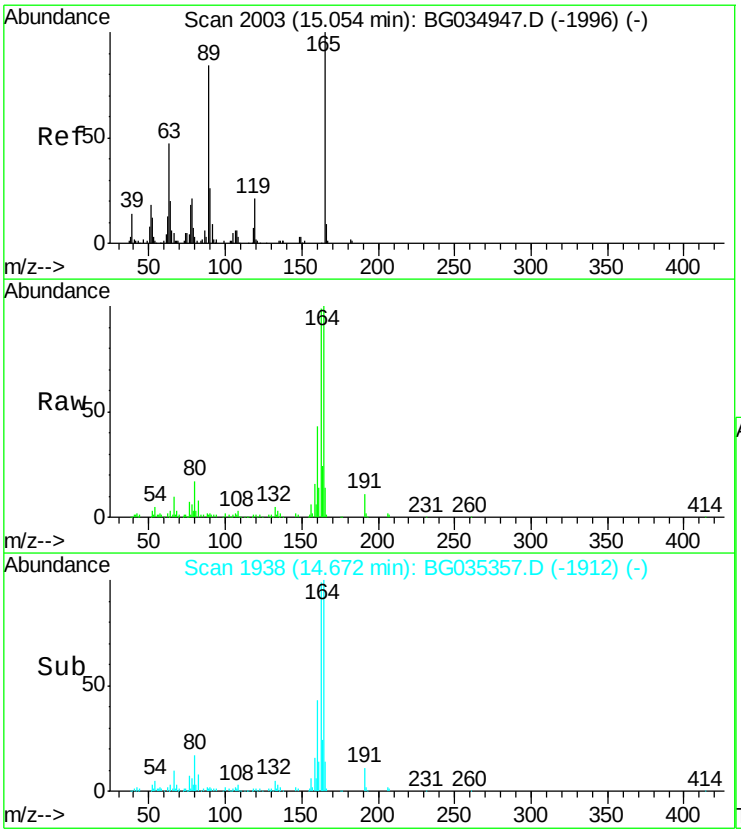
#50
2,6-Dinitrotoluene
Concen: 9.074 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.40 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:165 Resp: 14820

Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	4.5	49.2	73.8#

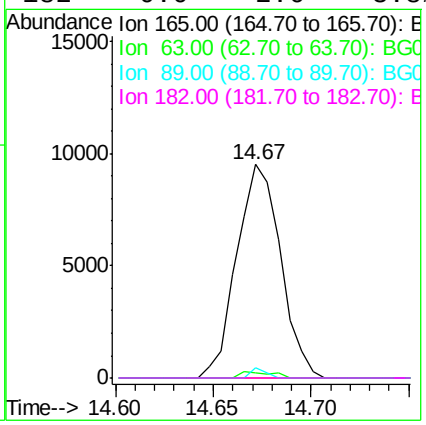


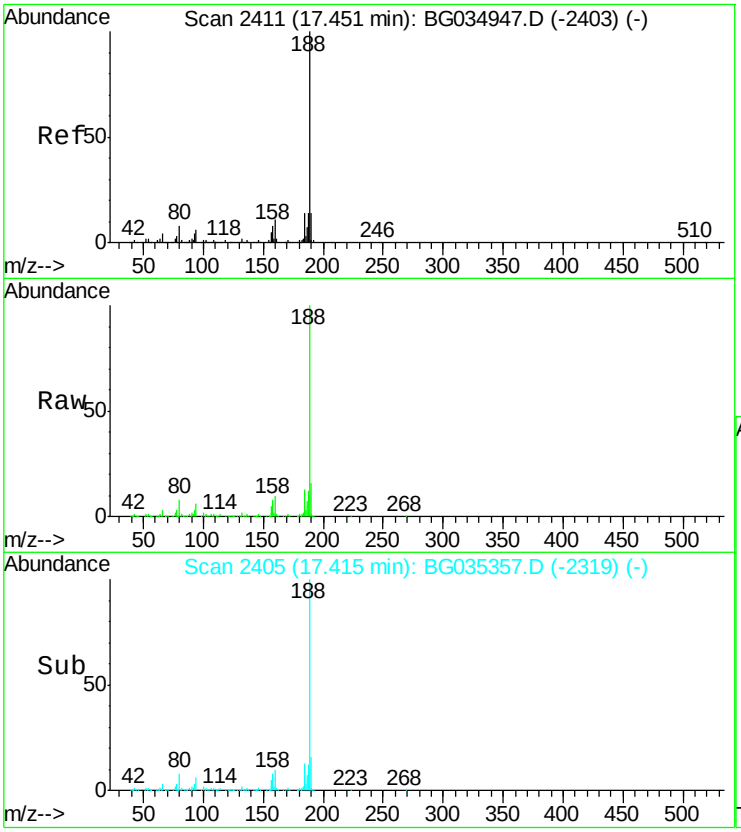


#56
2,4-Dinitrotoluene
Concen: 6.830 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:165 Resp: 14820

Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	4.5	66.9	100.3#
182	0.0	2.6	3.8#



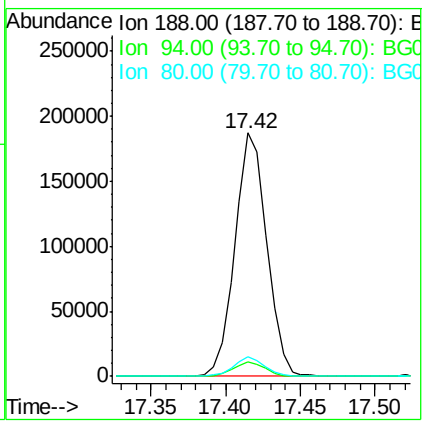


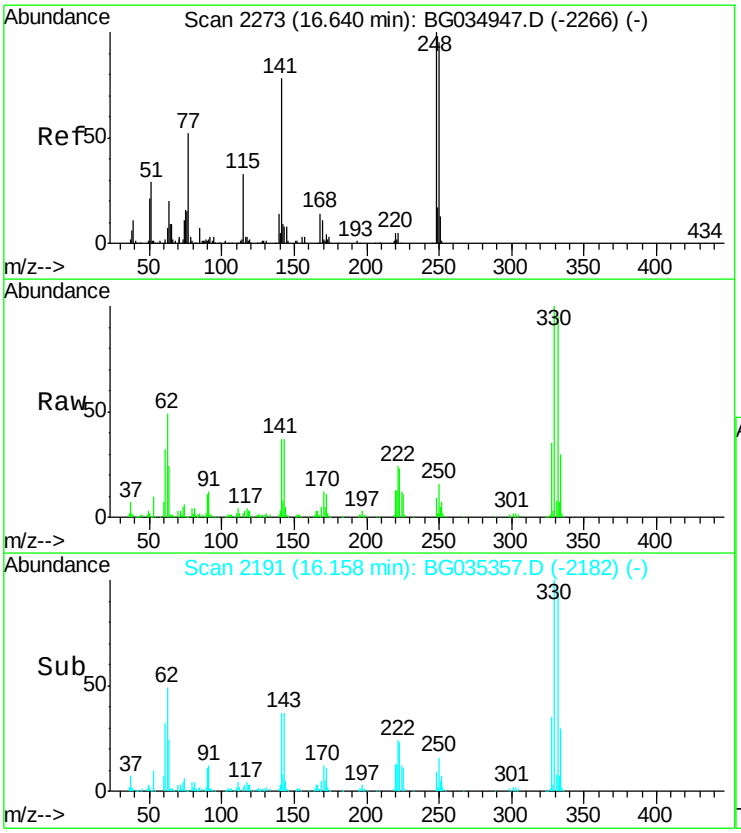
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:188 Resp: 277369

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	8.2	7.7	11.5

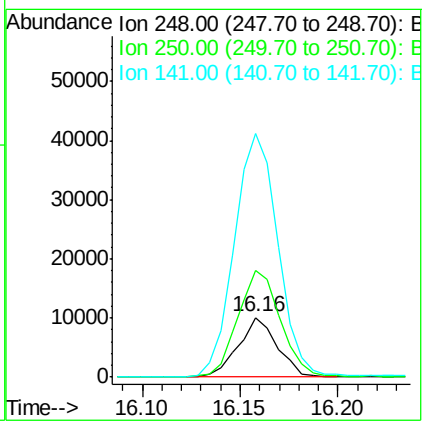


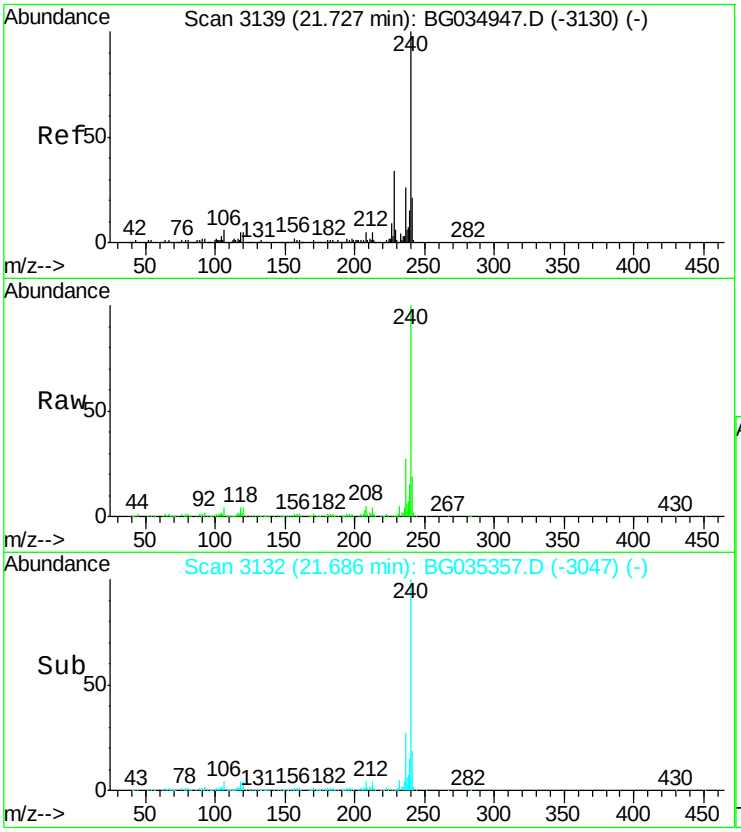


#66
4-Bromophenyl-phenylether
Concen: 4.142 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:248 Resp: 13835

Ion	Ratio	Lower	Upper
248	100		
250	179.8	77.1	115.7#
141	410.4	50.8	76.2#



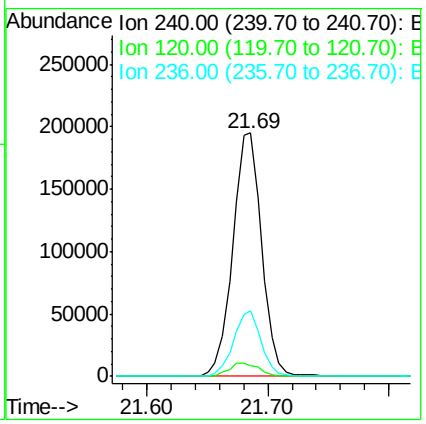


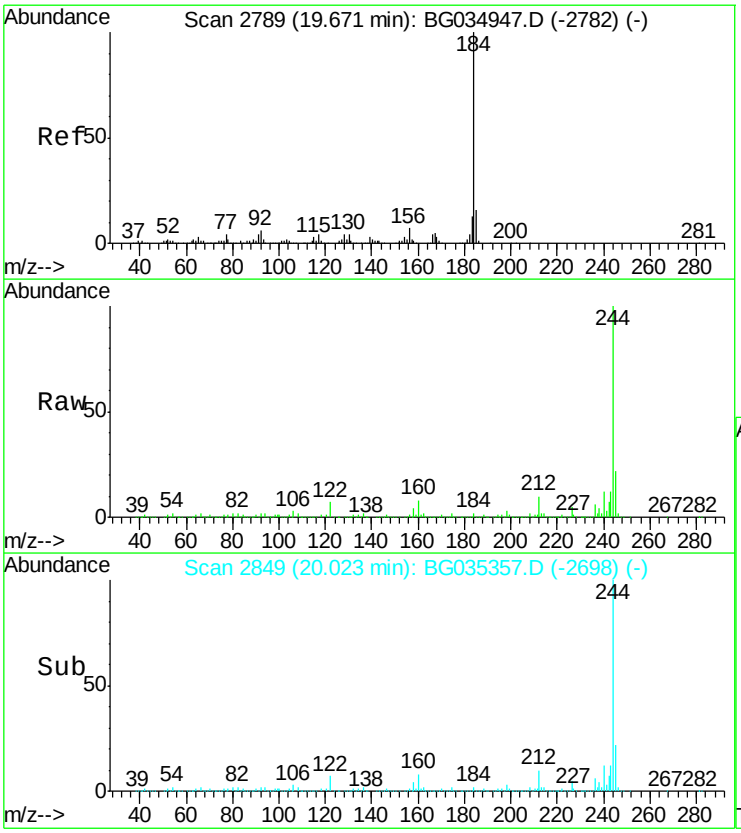
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:240 Resp: 324614

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	26.7	20.9	31.3

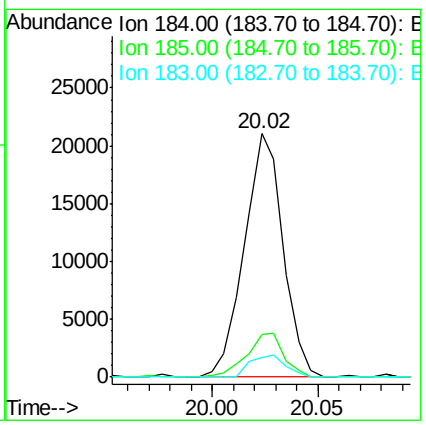


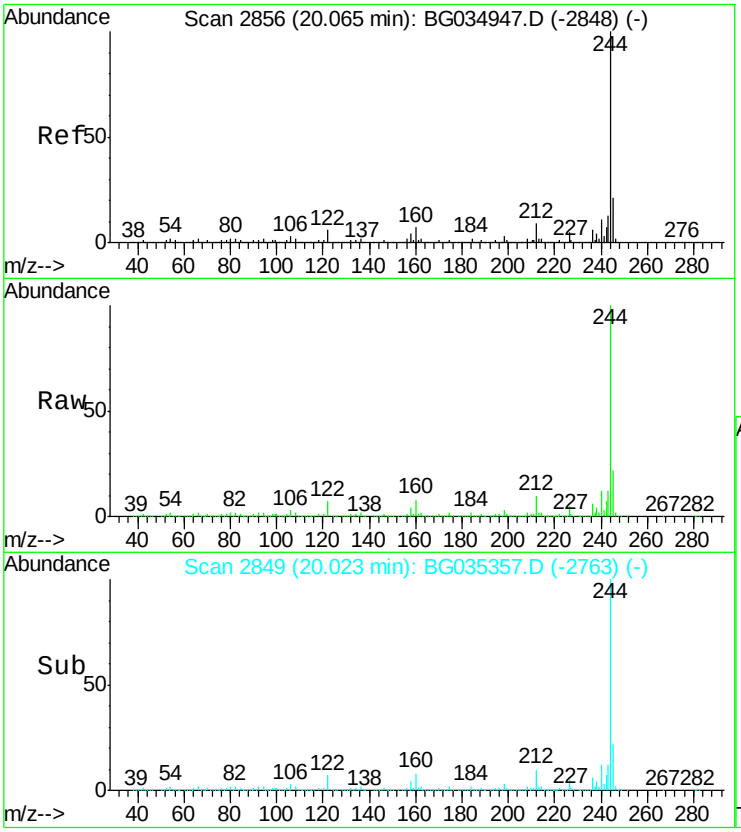


#76
Benzidine
Concen: 2.211 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:184 Resp: 26697

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.1	16.7#
183	7.9	10.6	16.0#



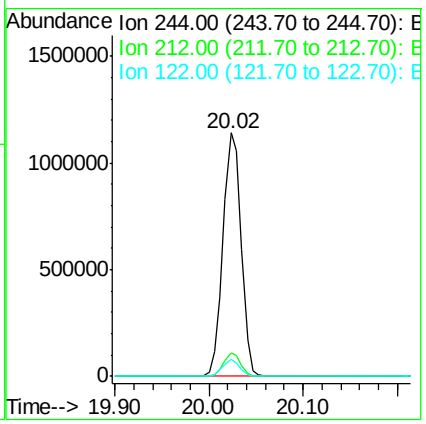


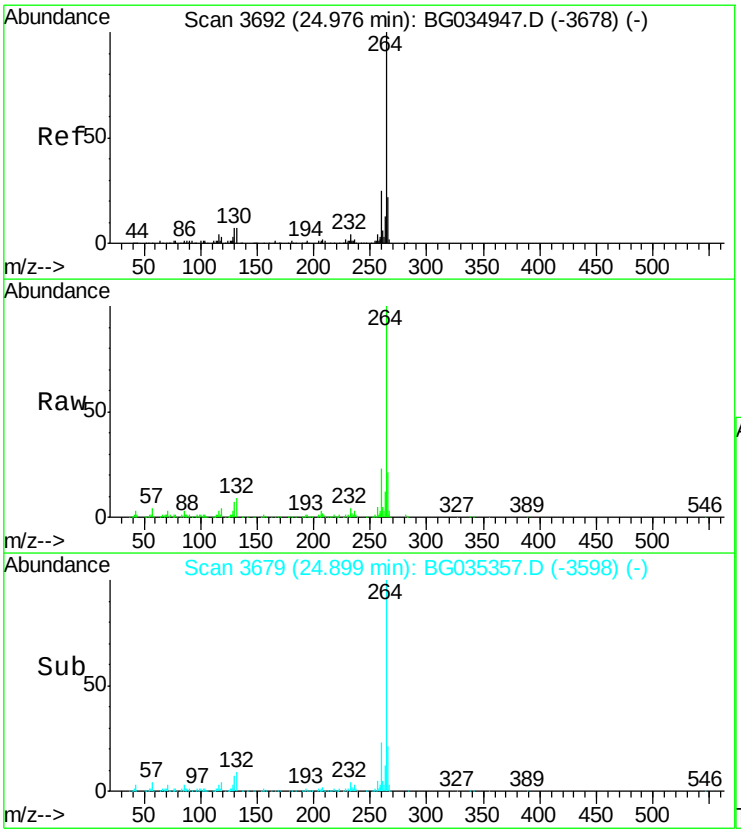
#78
Terphenyl-d14
Concen: 99.270 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tgt Ion:244 Resp: 1538396

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:264 Resp: 312868

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.9	17.7	26.5