Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
Data File : BG037038.D
Acq On : 28 Sep 2018 6:58
Operator : JU/SJ
Sample : J5100-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HS-STONE-RO-227

Quant Time: Sep 28 07:47:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42082	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	162153	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	99247	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	263382	20.00	ng	0.00
75) Chrysene-d12	21.68	240	294843	20.00	ng	-0.01
86) Perylene-d12	24.88	264	287612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	265299	120.90	ng	0.00
7) Phenol-d6	7.20	99	319225	94.03	ng	-0.01
23) Nitrobenzene-d5	9.20	82	285831	94.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	159747	134.53	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	592656	88.94	ng	-0.01
78) Terphenyl-d14	20.02	244	1085014	96.76	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	37235	13.184	ng	# 77
50) 2,6-Dinitrotoluene	14.66	165	12611	7.235	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	12611	5.185	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	11143	3.720	ng	# 1
76) Benzidine	20.02	184	19011	2.133	ng	# 91

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

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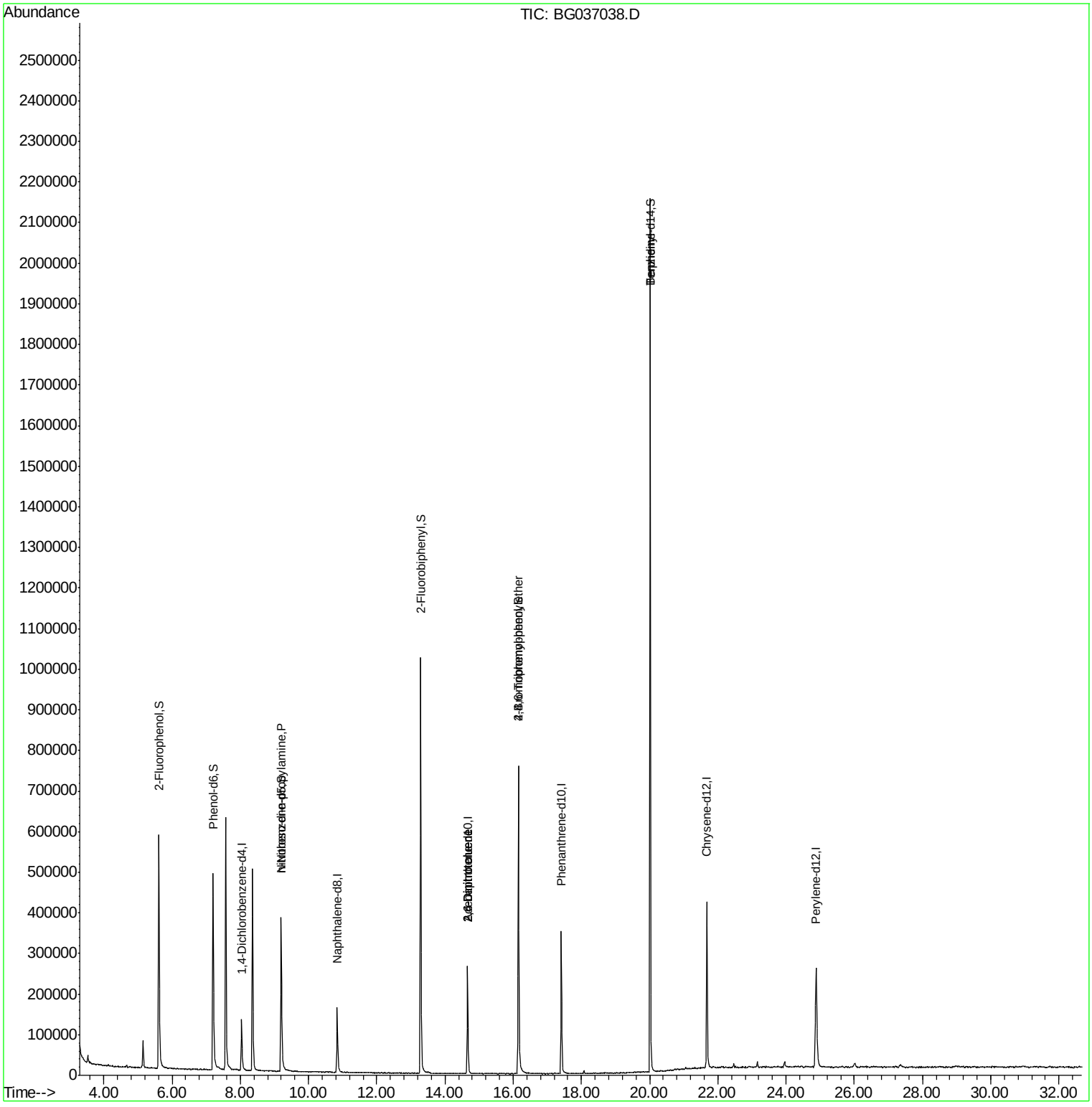
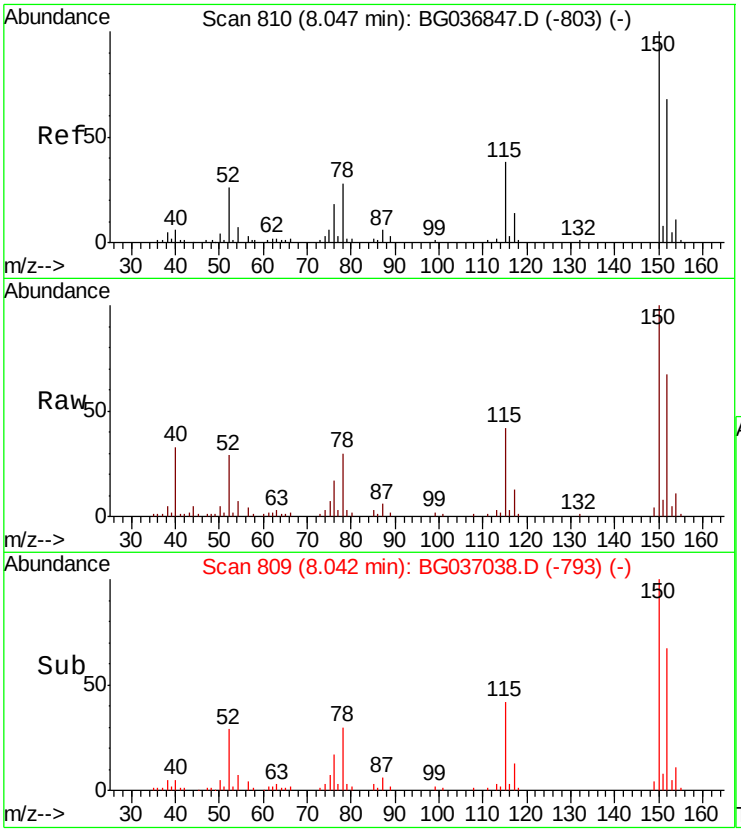


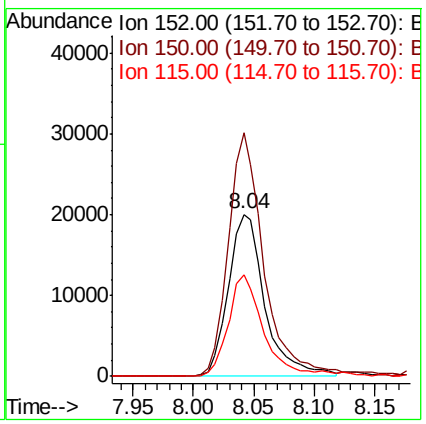


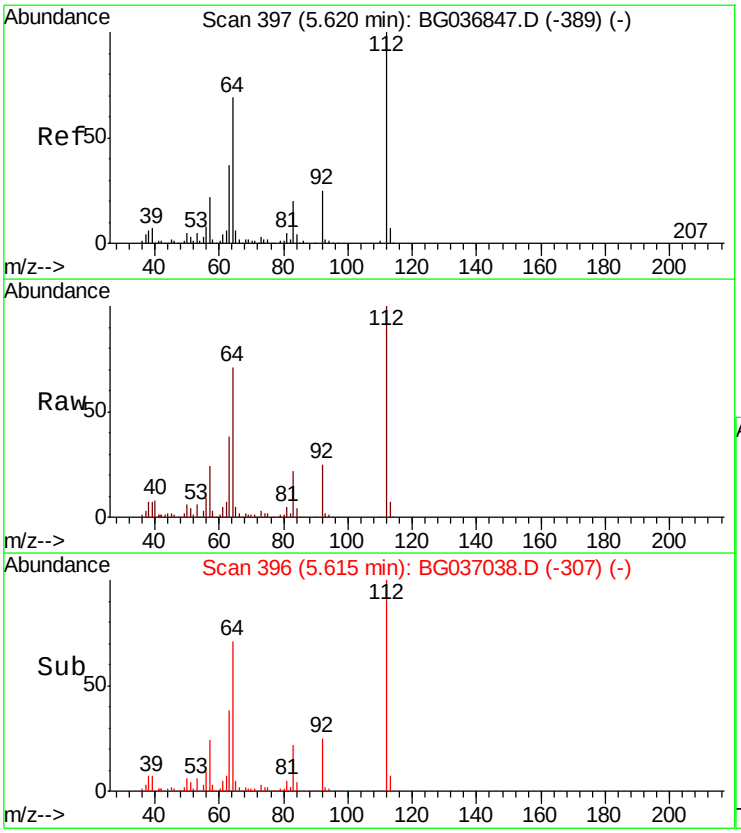
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:152 Resp: 42082

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	62.4	44.5	66.7

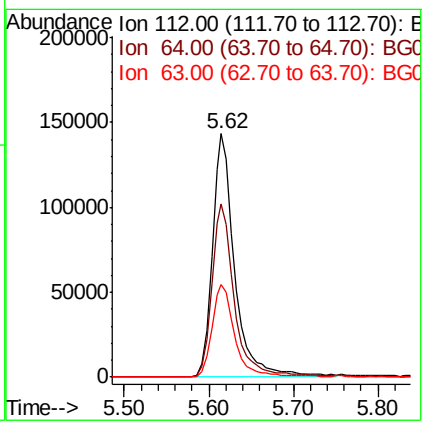


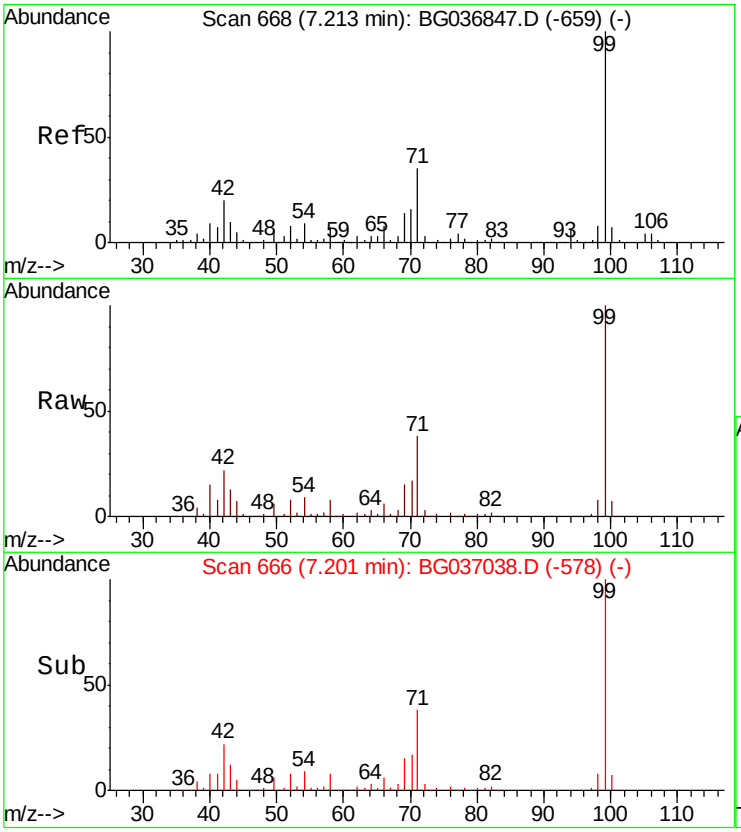


#5
2-Fluorophenol
Concen: 120.903 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion:112 Resp: 265299

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.2	85.8
63	38.2	30.8	46.2



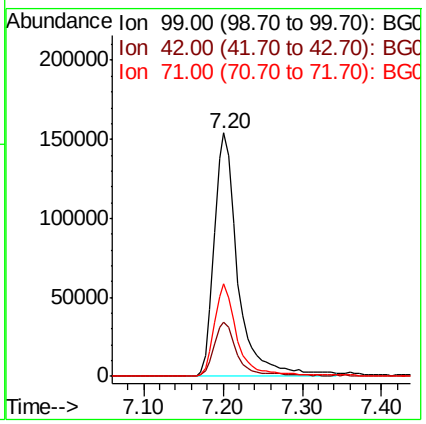


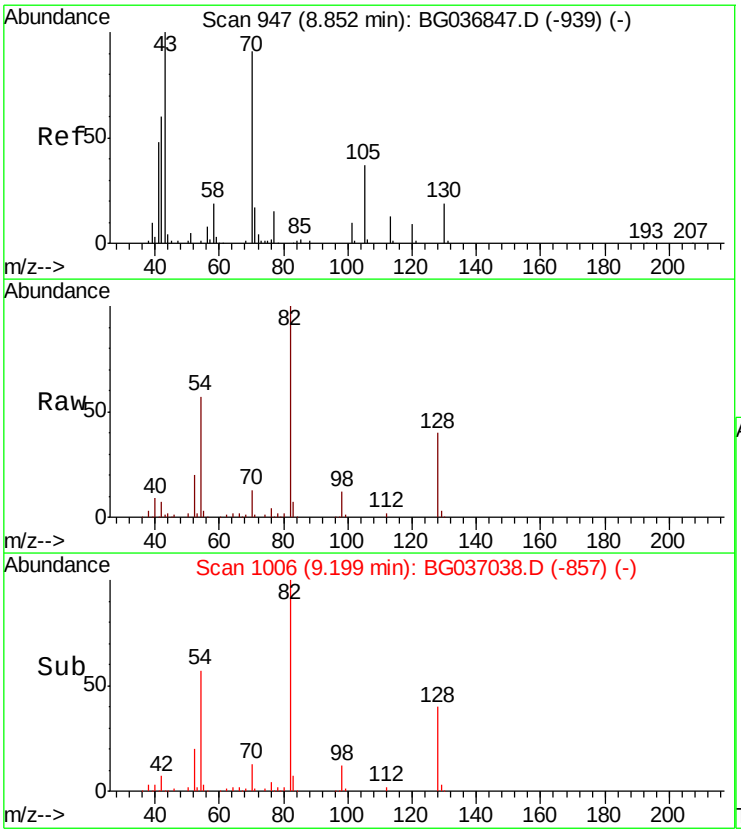
#7
Phenol-d6
Concen: 94.029 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion: 99 Resp: 319225

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.5	24.7
71	37.9	29.4	44.2

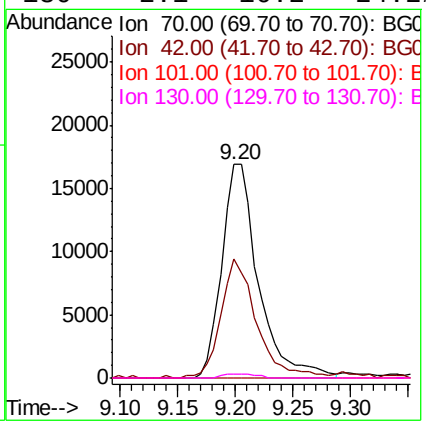


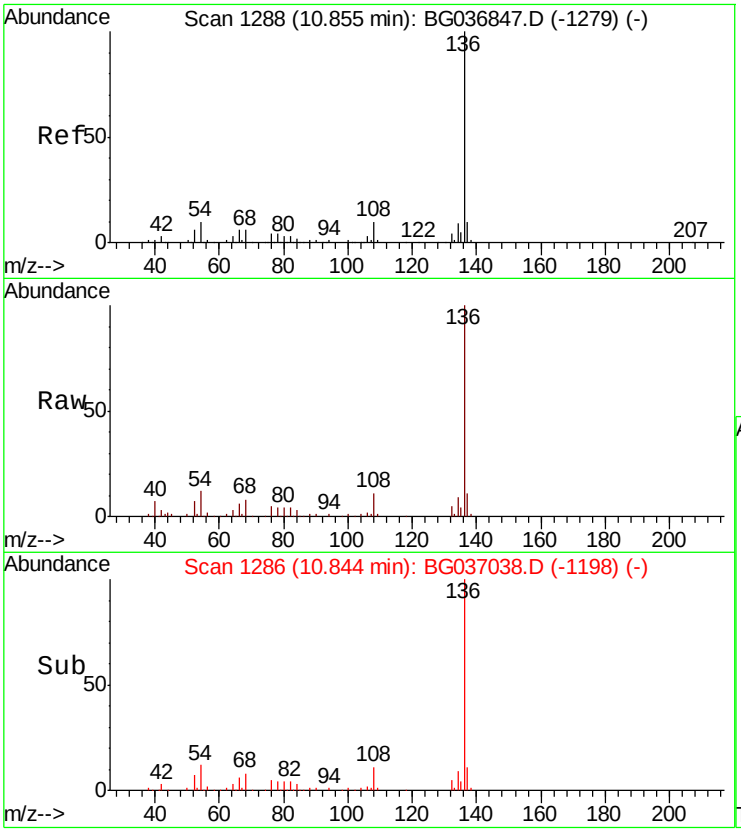


#19
n-Nitroso-di-n-propylamine
Concen: 13.184 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion: 70 Resp: 37235

Ion	Ratio	Lower	Upper
70	100		
42	55.8	56.2	84.4#
101	0.0	7.8	11.6#
130	2.1	16.2	24.2#



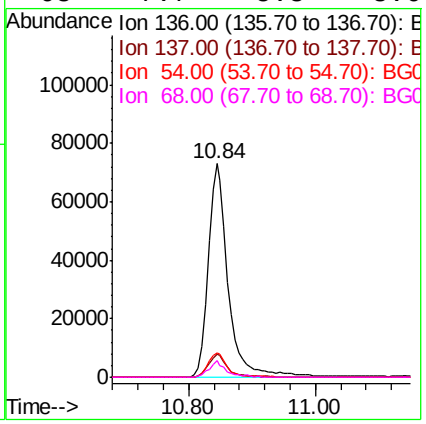


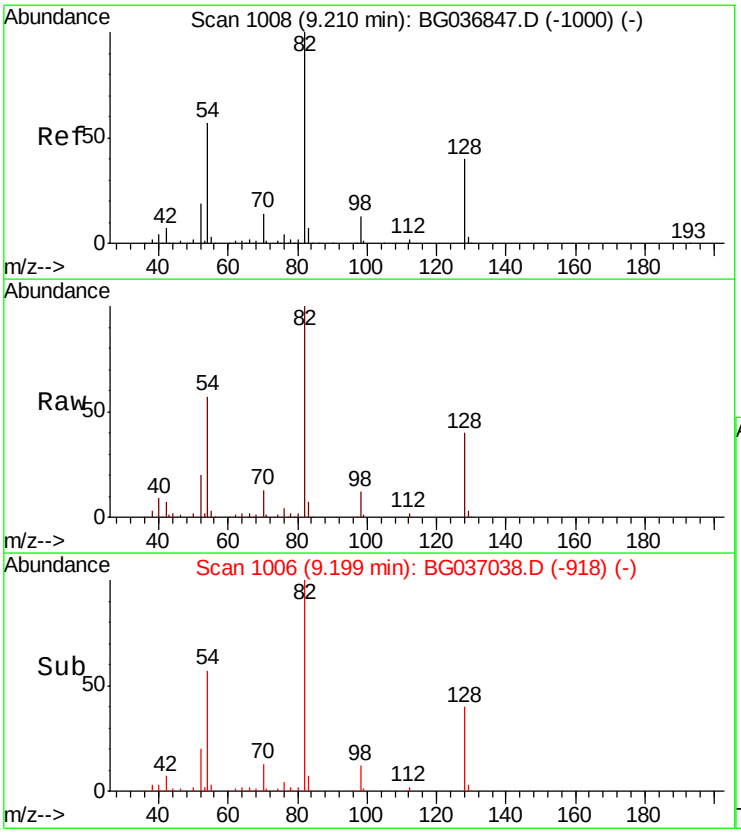
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:136 Resp: 162153

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.5	9.2	13.8
68	7.7	5.8	8.6

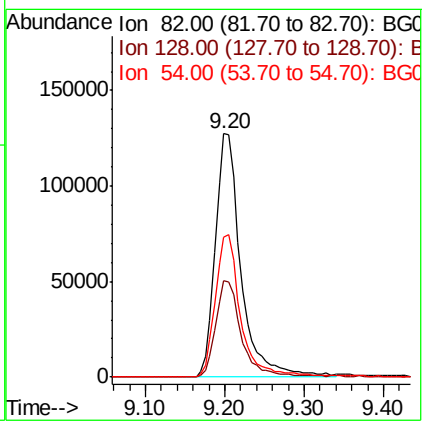


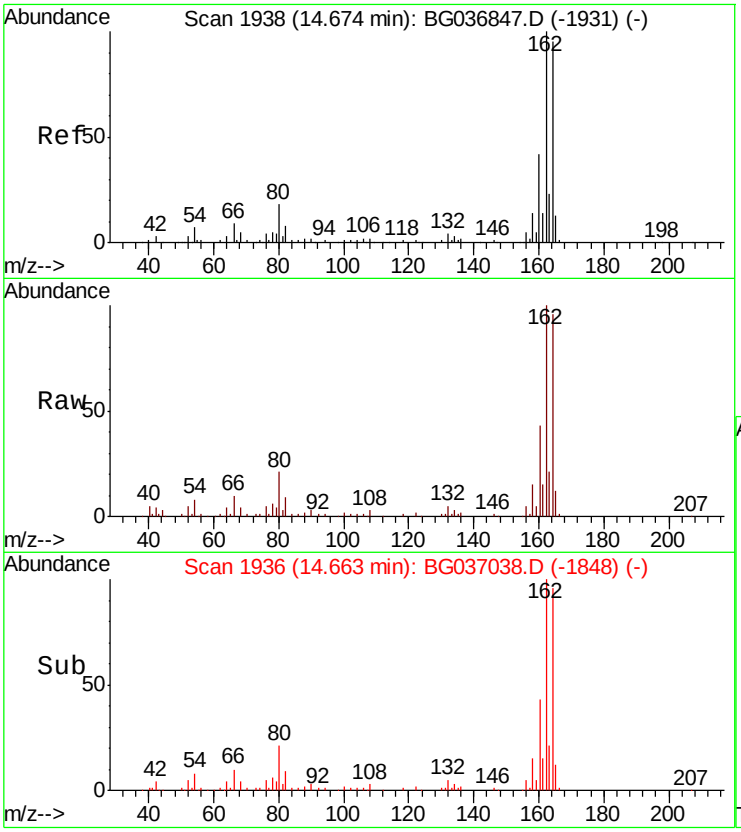


#23
Nitrobenzene-d5
Concen: 94.396 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion: 82 Resp: 285831

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.3	49.9
54	57.4	45.1	67.7



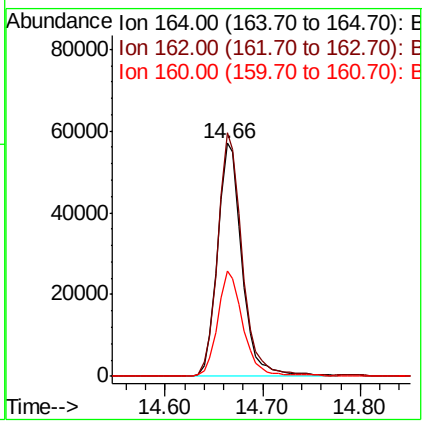


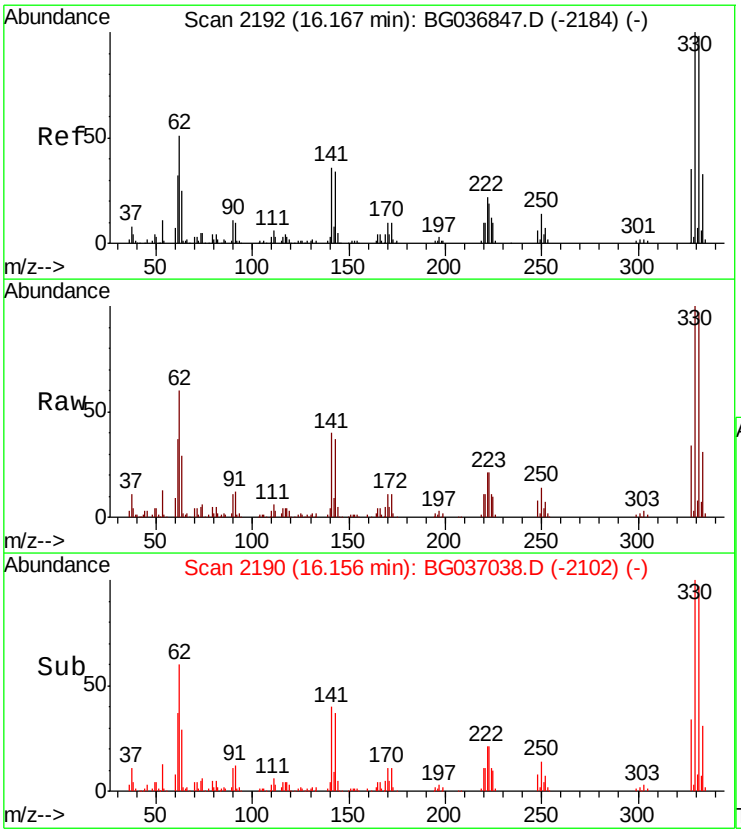
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:164 Resp: 99247

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.7	121.1
160	45.4	35.3	52.9

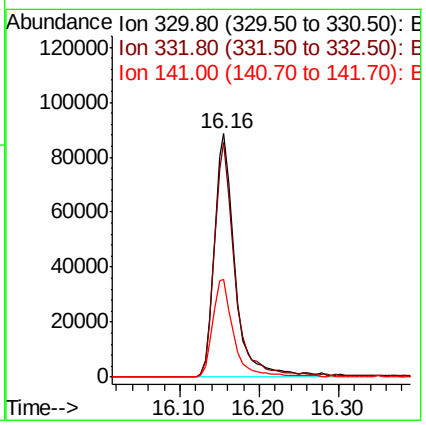


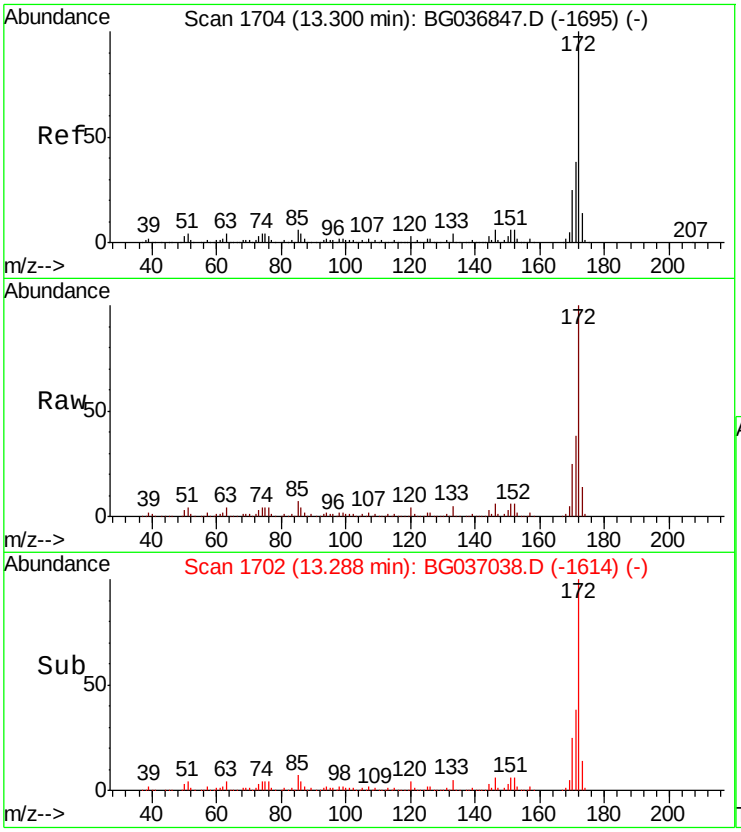


#41
2,4,6-Tribromophenol
Concen: 134.532 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion:330 Resp: 159747

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	40.8	30.7	46.1



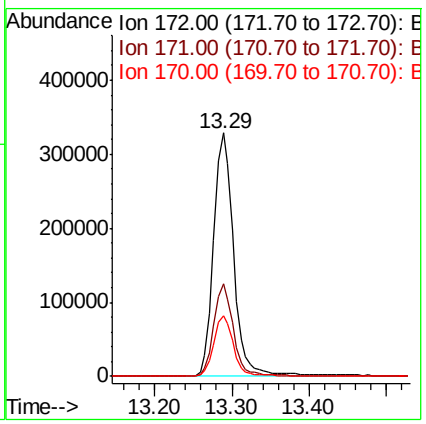


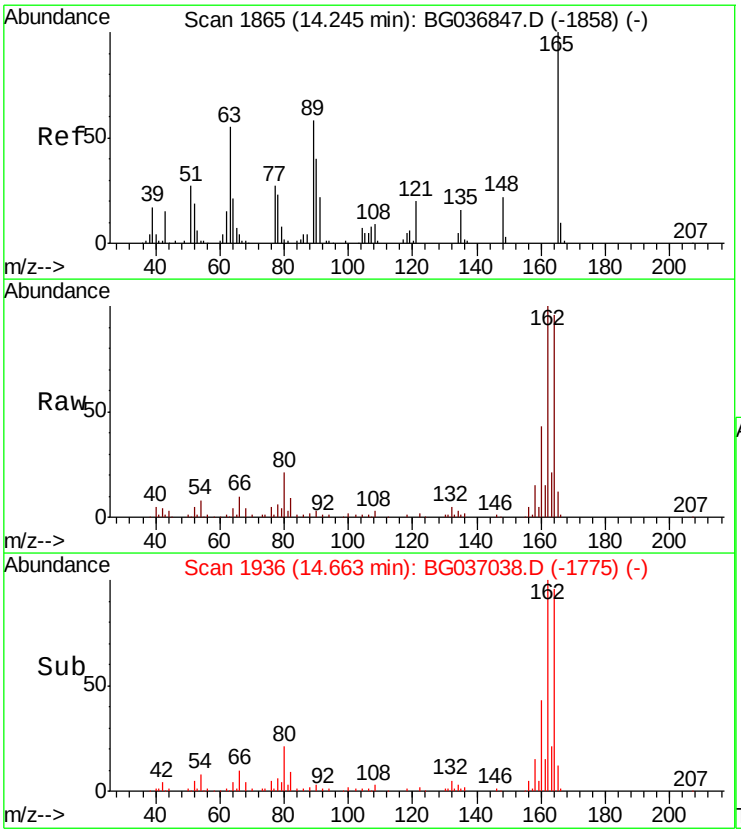
#44
2-Fluorobiphenyl
Concen: 88.939 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:172 Resp: 592656

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.8	21.0	31.6

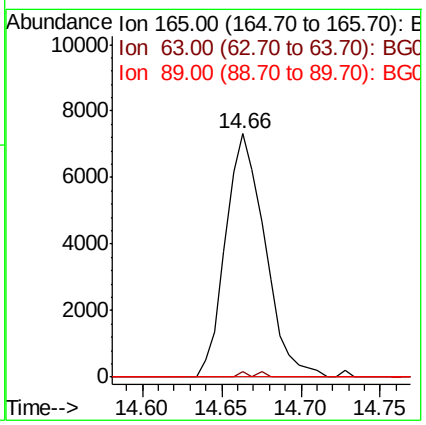


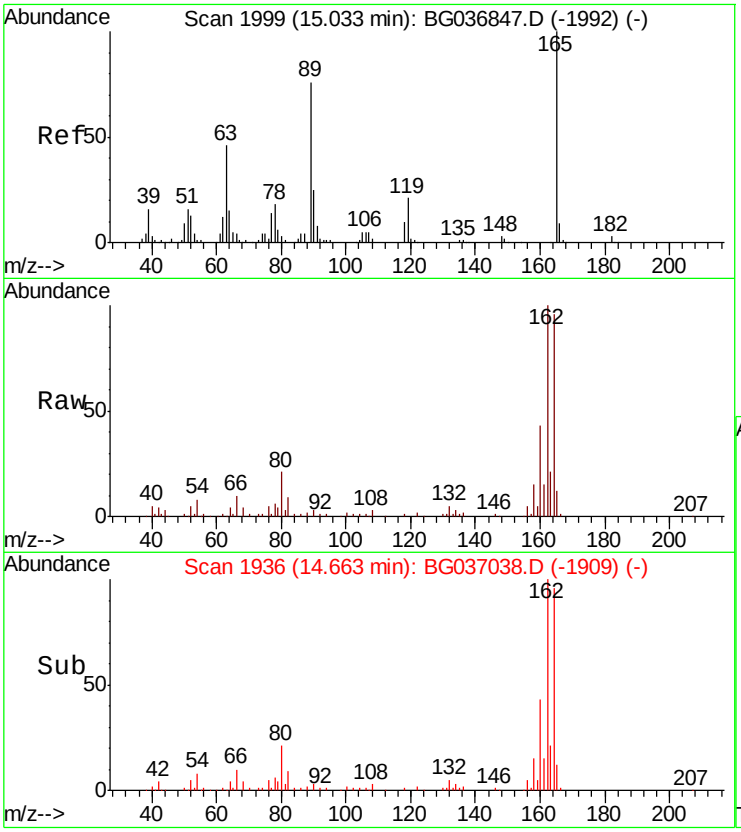


#50
2,6-Dinitrotoluene
Concen: 7.235 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion:165 Resp: 12611

Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	0.0	47.8	71.6#



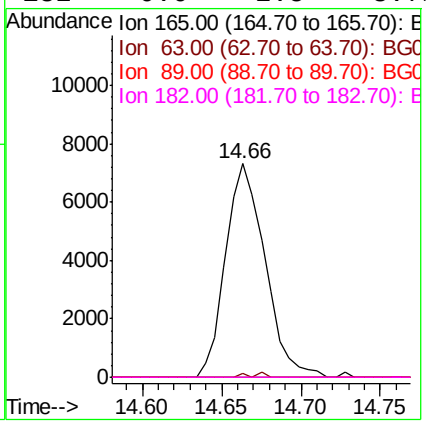


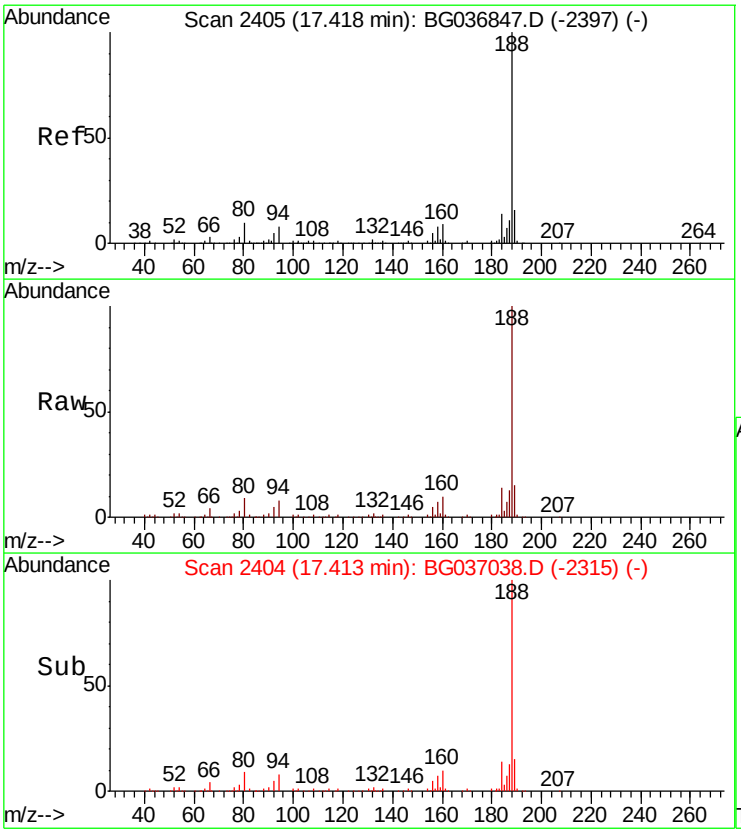
#56
2,4-Dinitrotoluene
Concen: 5.185 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:165 Resp: 12611

Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

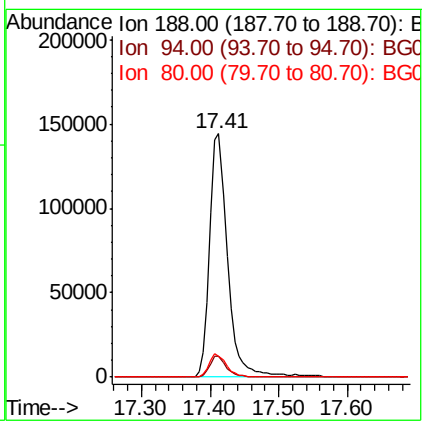


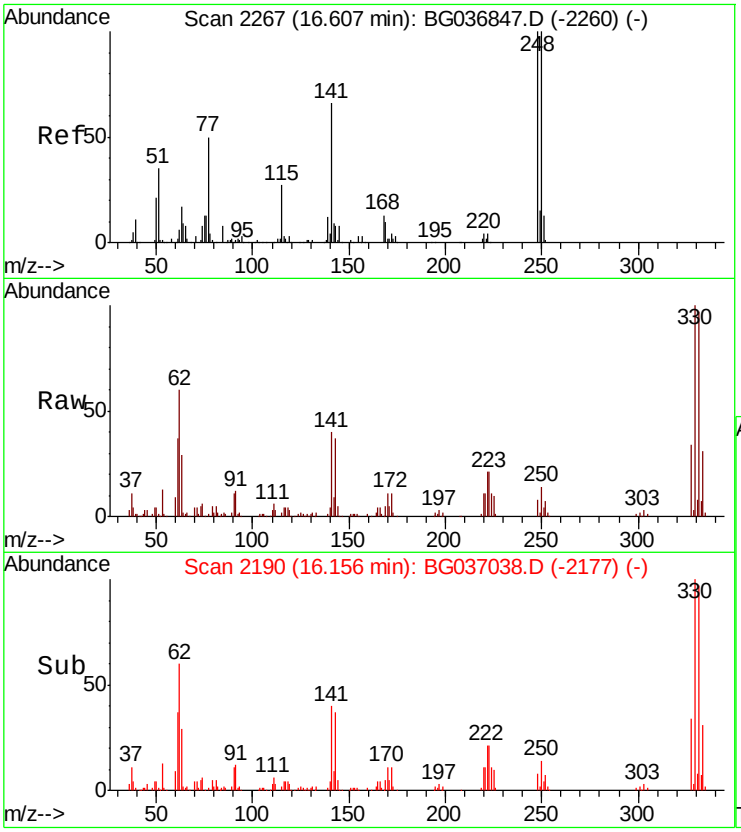


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion:188 Resp: 263382

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.8	8.1	12.1



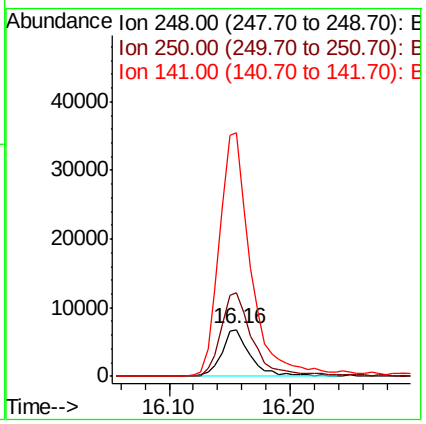


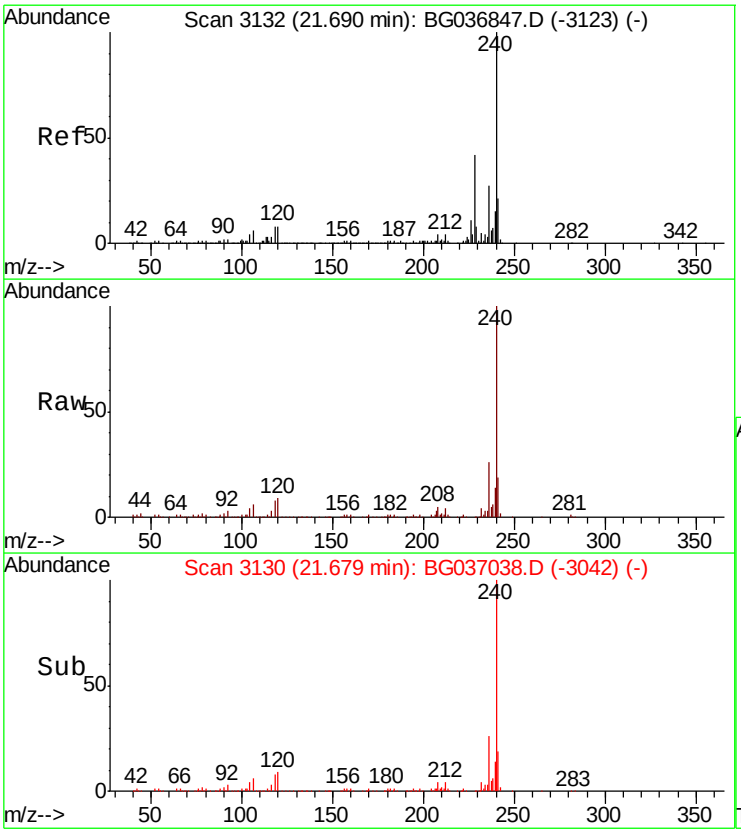
#66
4-Bromophenyl-phenylether
Concen: 3.720 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:248 Resp: 11143

Ion	Ratio	Lower	Upper
248	100		
250	179.8	78.1	117.1#
141	523.9	53.7	80.5#

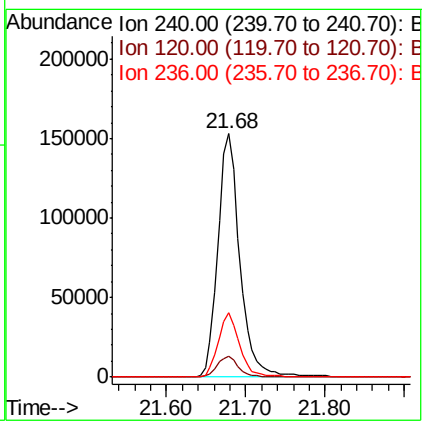


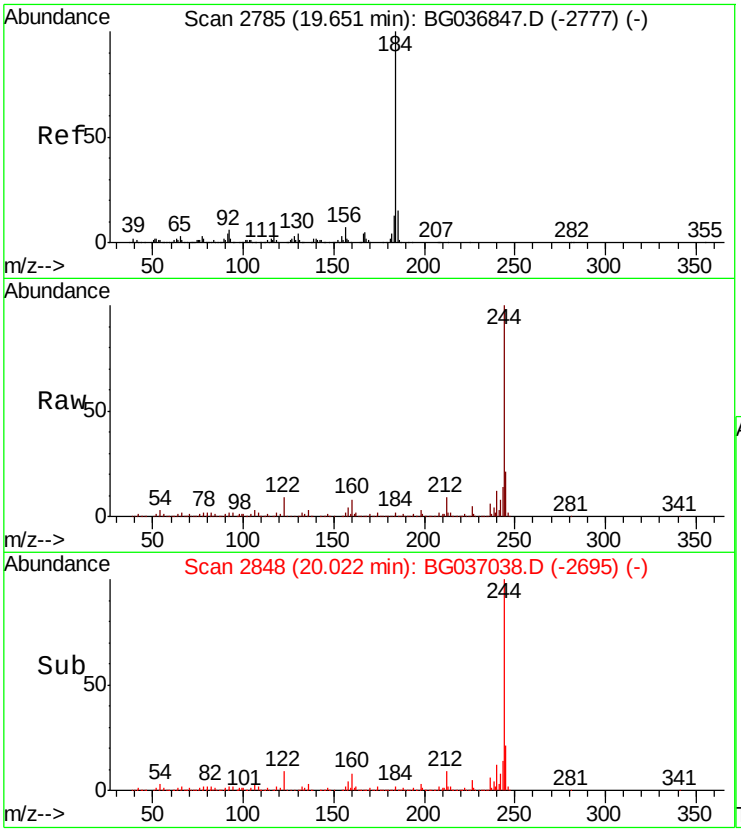


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion:240 Resp: 294843

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.2	21.2	31.8



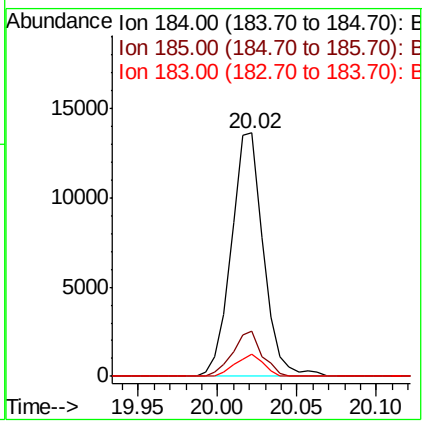


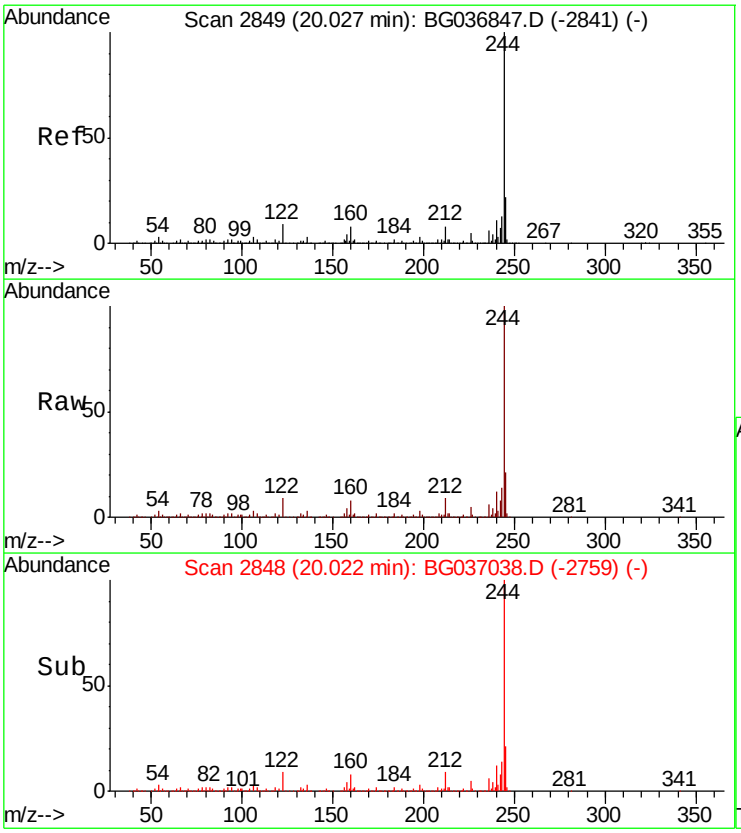
#76
Benzidine
Concen: 2.133 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:184 Resp: 19011

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.6	18.8
183	9.1	10.9	16.3#

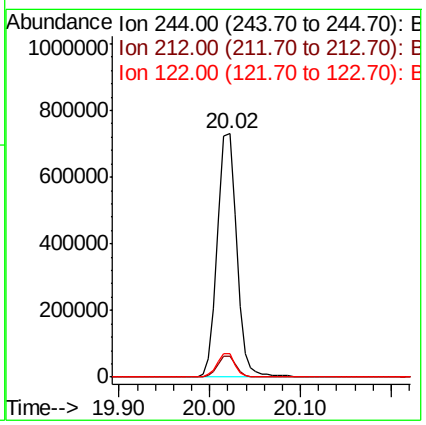


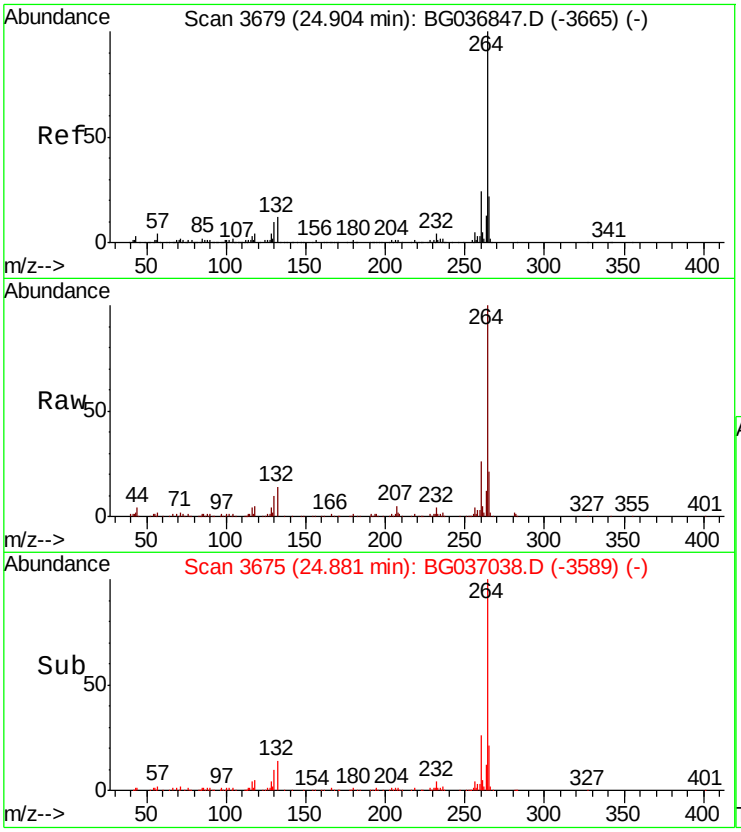


#78
Terphenyl-d14
Concen: 96.765 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Tgt Ion:244 Resp: 1085014

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037038.D
Acq: 28 Sep 2018 6:58

Instrument :
BNA_G
ClientSampleId :
HS-STONE-RO-227

Tgt Ion:264 Resp: 287612

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.6	29.4
265	21.4	17.4	26.0