Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
Data File : BG037114.D
Acq On : 2 Oct 2018 21:13
Operator : JU/SJ
Sample : J5200-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 01:57:38 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	58607	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	238627	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	140336	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	325289	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	343801	20.00	ng	-0.02
86) Perylene-d12	24.88	264	330688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	366321	119.87	ng	0.00
7) Phenol-d6	7.20	99	449708	95.11	ng	-0.01
23) Nitrobenzene-d5	9.20	82	380473	85.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	171265	102.00	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	757321	80.37	ng	-0.01
78) Terphenyl-d14	20.02	244	1200929	91.85	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	50110	12.740	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	18134	7.358	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	18134	5.273	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	12468	3.370	ng	# 1
76) Benzidine	20.02	184	21210	2.041	ng	# 90

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

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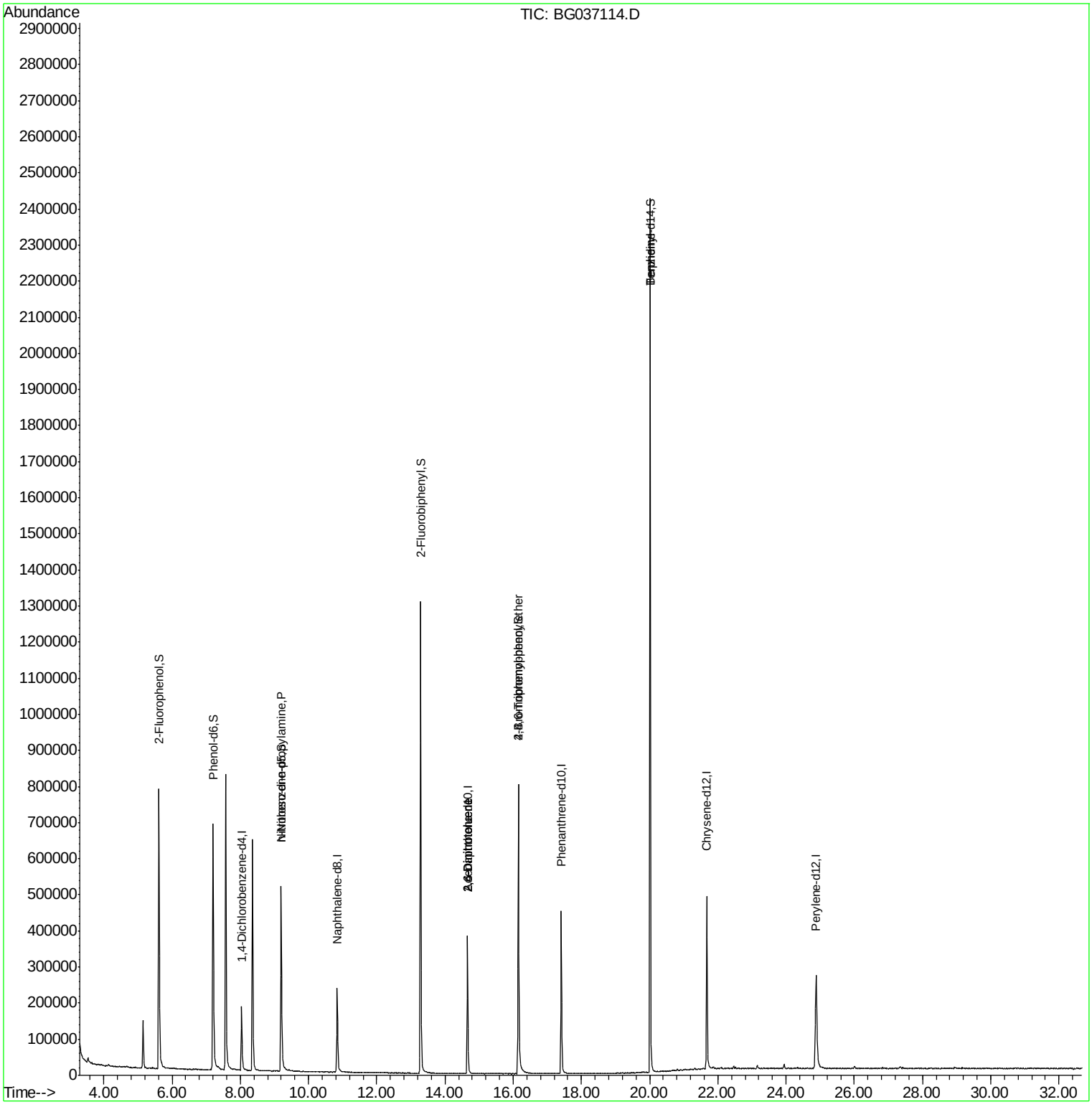
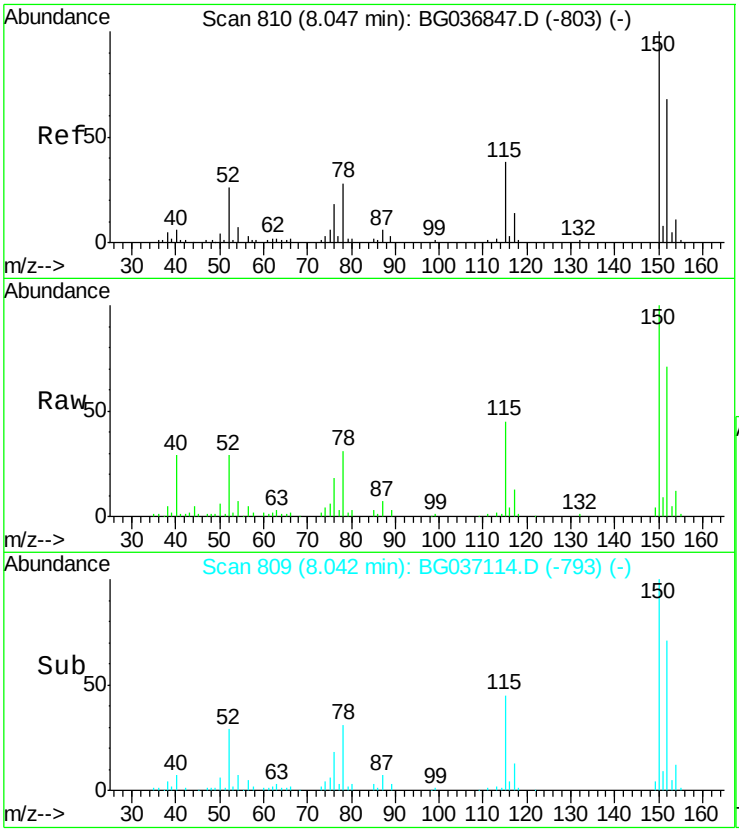
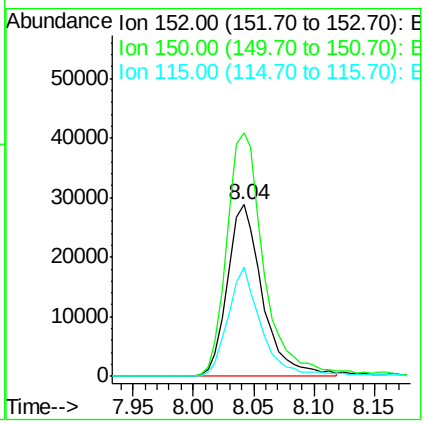


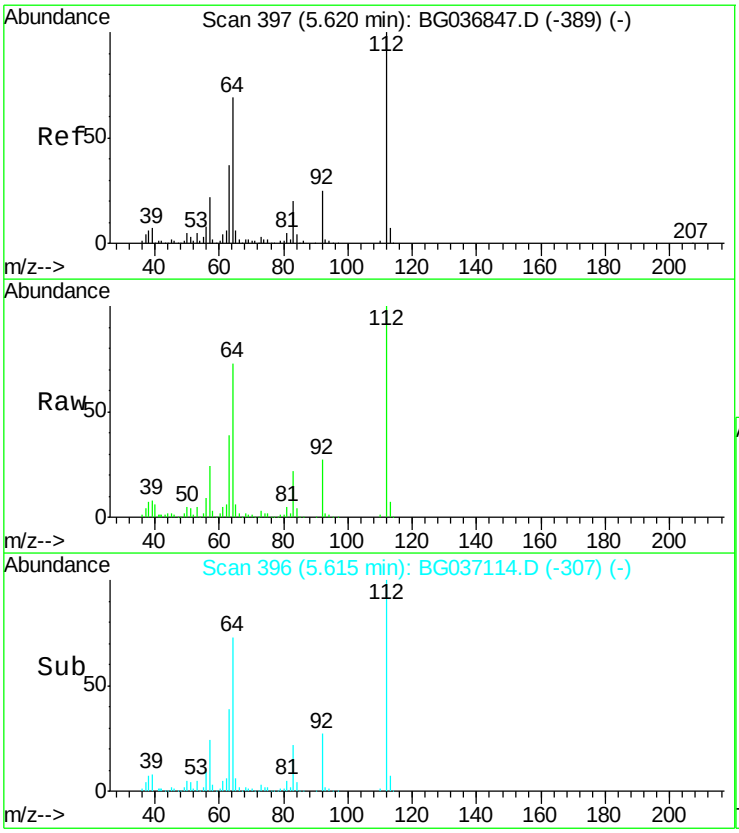


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:152 Resp: 58607

Ion	Ratio	Lower	Upper
152	100		
150	141.8	119.5	179.3
115	63.6	44.5	66.7

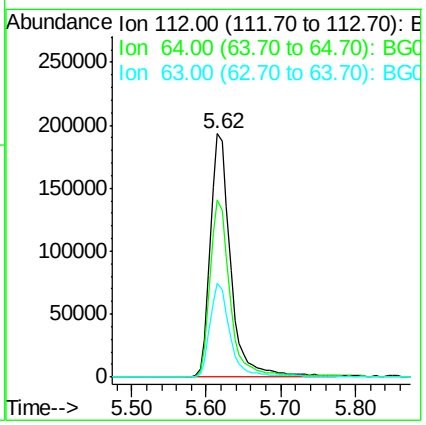


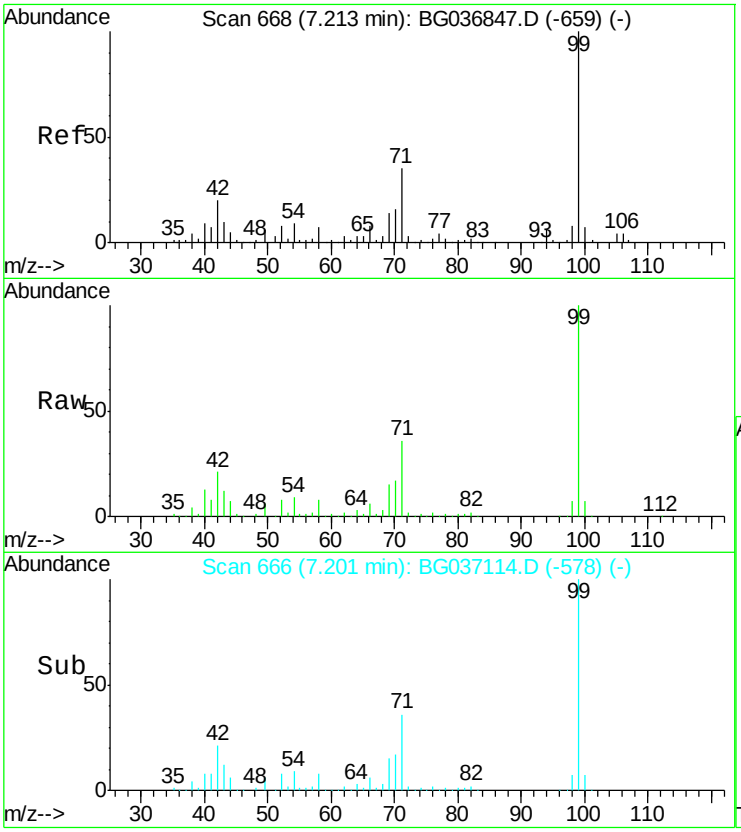


#5
2-Fluorophenol
Concen: 119.870 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:112 Resp: 366321

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.2	85.8
63	38.6	30.8	46.2

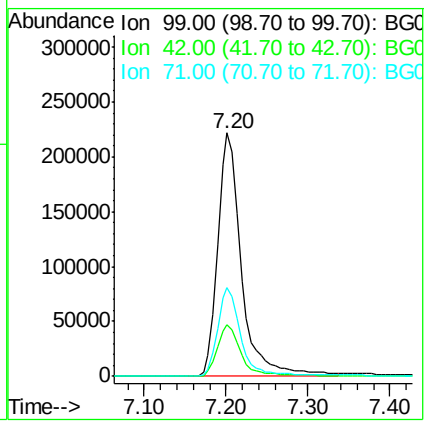


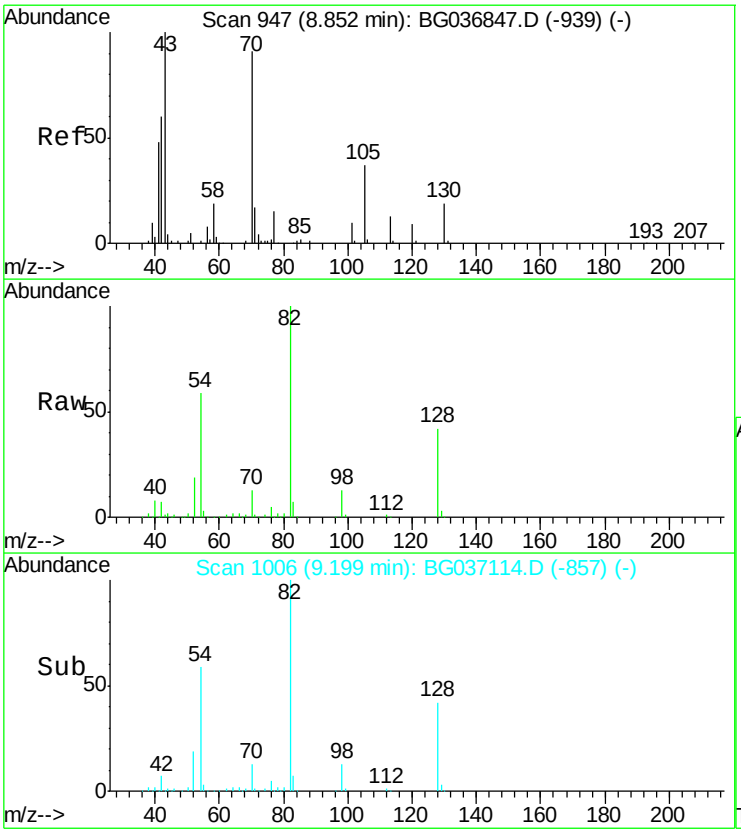


#7
Phenol-d6
Concen: 95.114 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion: 99 Resp: 449708

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.5	24.7
71	36.3	29.4	44.2

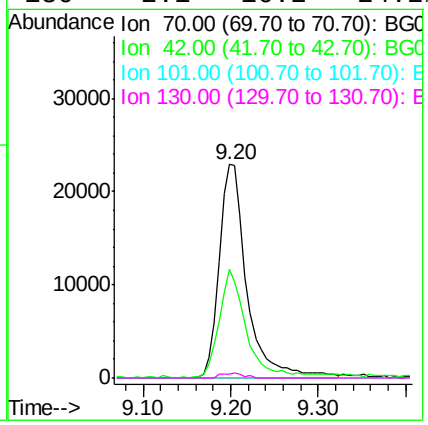


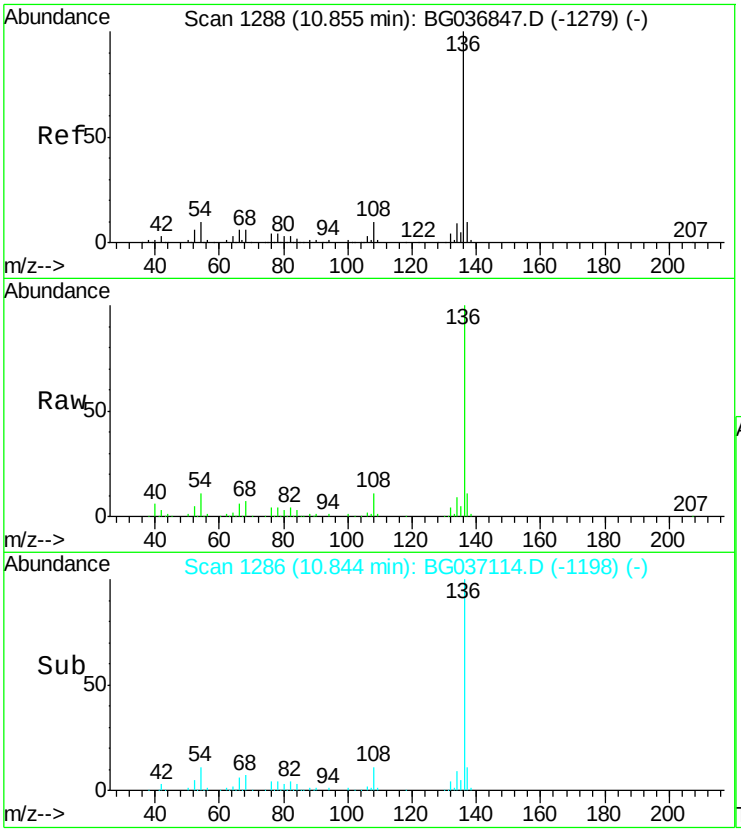


#19
n-Nitroso-di-n-propylamine
Concen: 12.740 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion: 70 Resp: 50110

Ion	Ratio	Lower	Upper
70	100		
42	51.0	56.2	84.4#
101	0.0	7.8	11.6#
130	2.1	16.2	24.2#

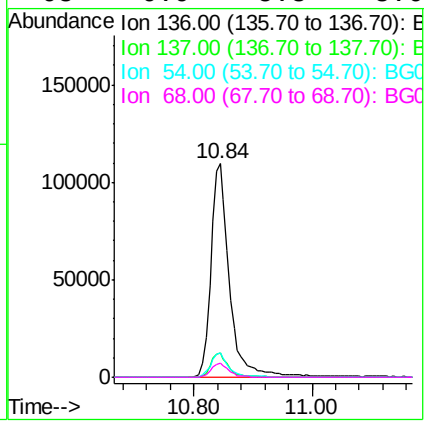


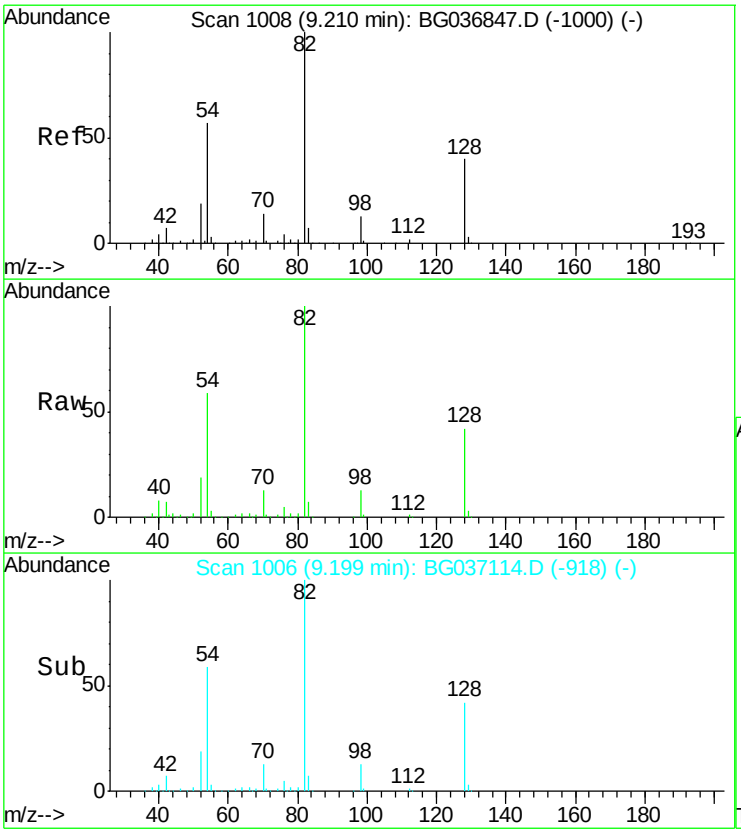


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:136 Resp: 238627

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.1	9.2	13.8
68	6.9	5.8	8.6

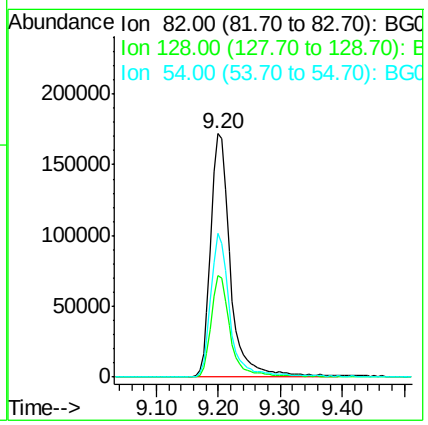


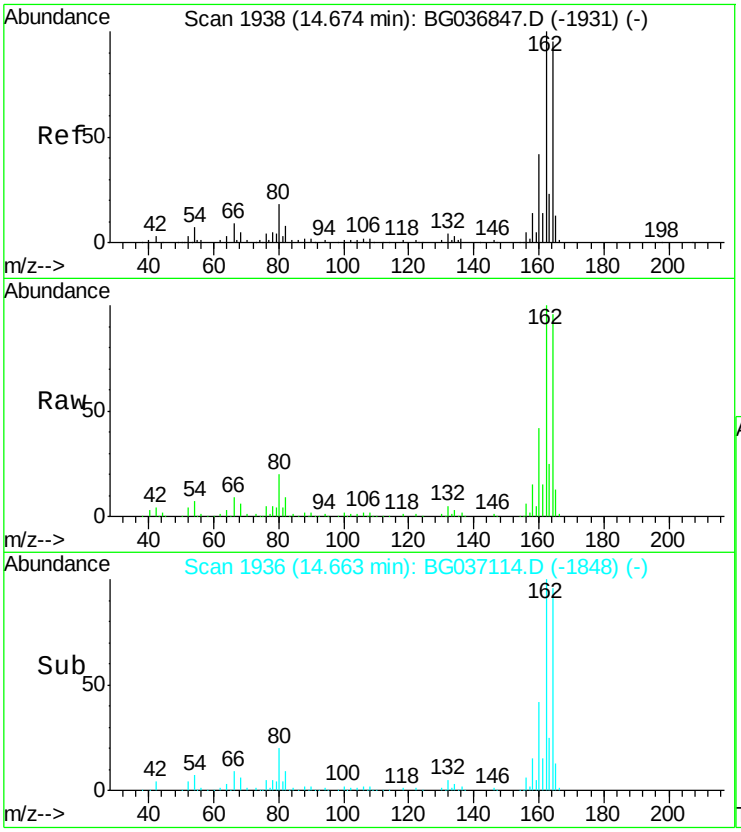


#23
Nitrobenzene-d5
Concen: 85.383 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion: 82 Resp: 380473

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	59.3	45.1	67.7

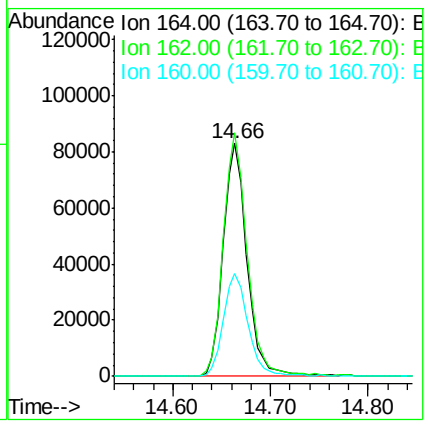


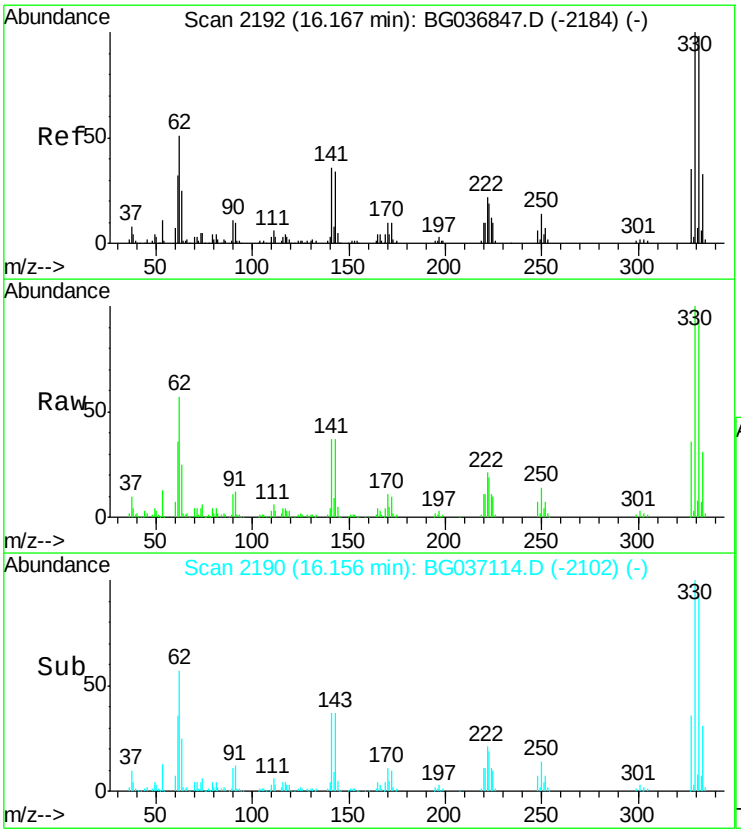


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:164 Resp: 140336

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.7	121.1
160	44.2	35.3	52.9

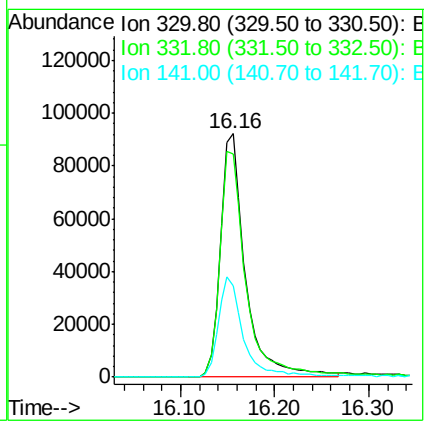


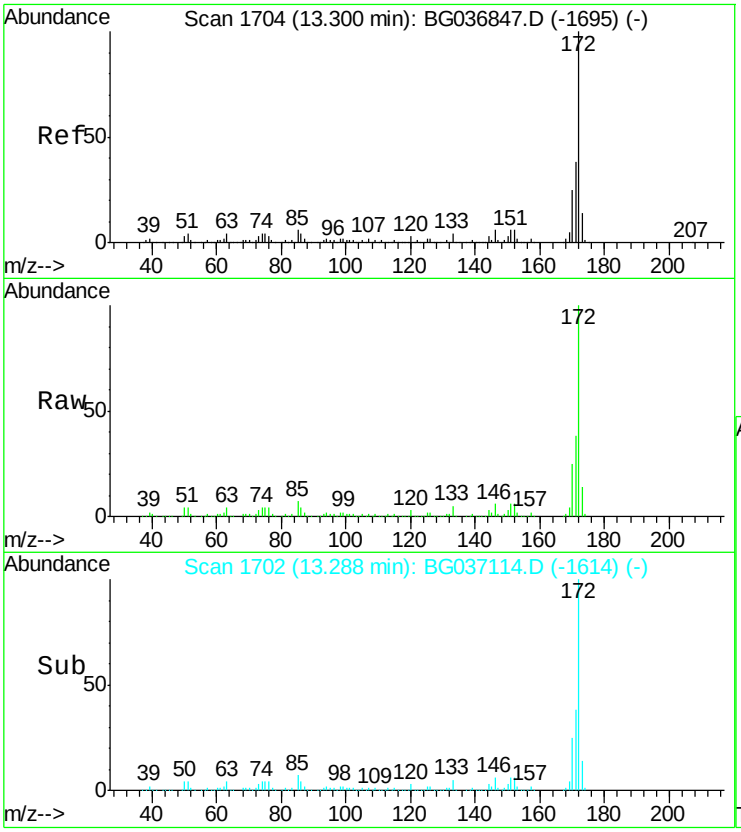


#41
2,4,6-Tribromophenol
Concen: 102.002 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:330 Resp: 171265

Ion	Ratio	Lower	Upper
330	100		
332	98.8	75.4	113.2
141	42.0	30.7	46.1

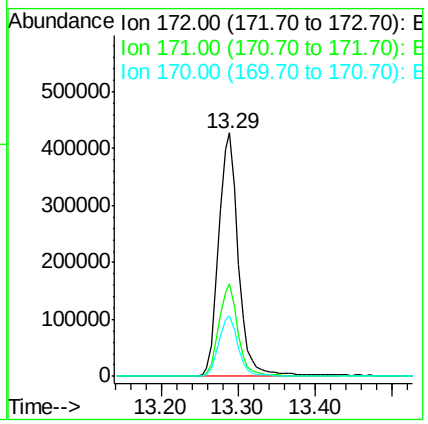


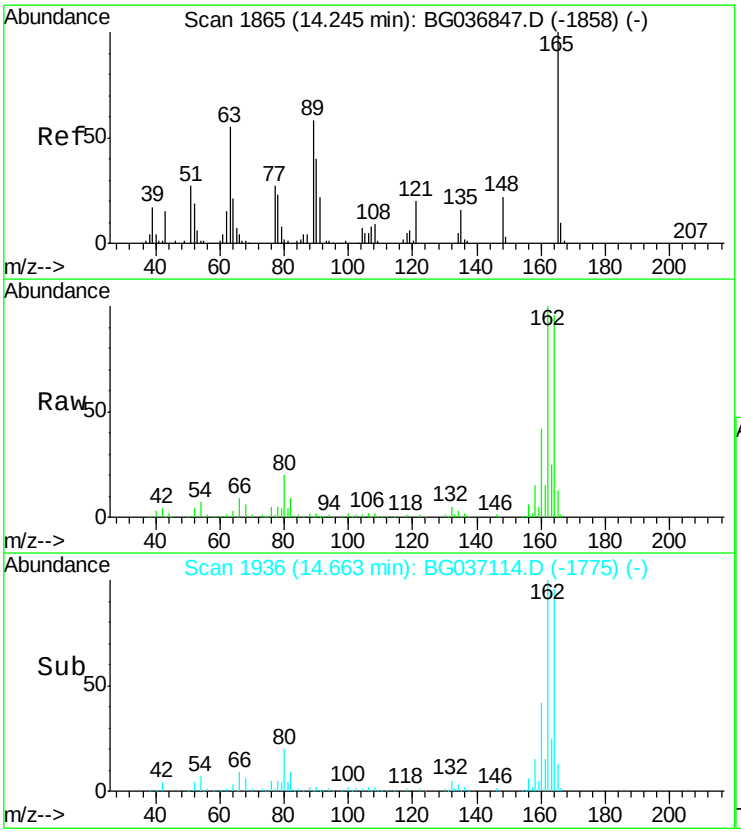


#44
2-Fluorobiphenyl
Concen: 80.375 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:172 Resp: 757321

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.1	21.0	31.6

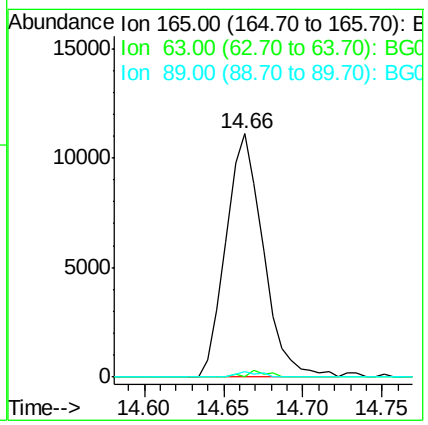


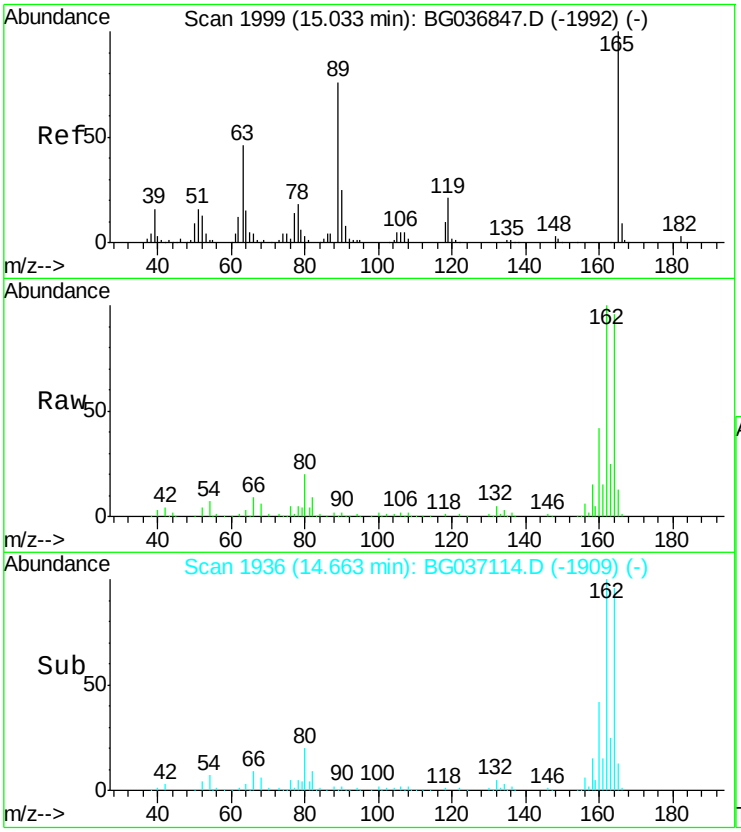


#50
2,6-Dinitrotoluene
Concen: 7.358 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:165 Resp: 18134

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.3	47.8	71.6#

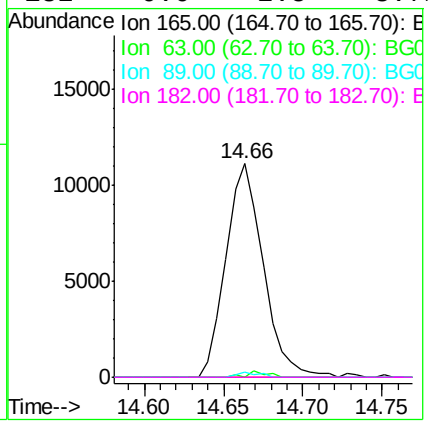


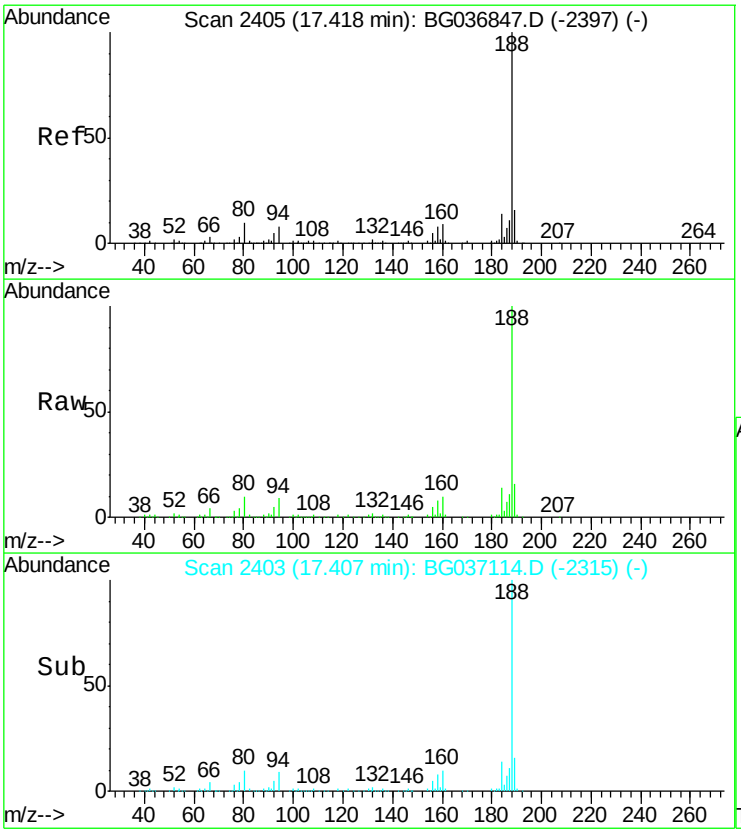


#56
2,4-Dinitrotoluene
Concen: 5.273 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:165 Resp: 18134

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#

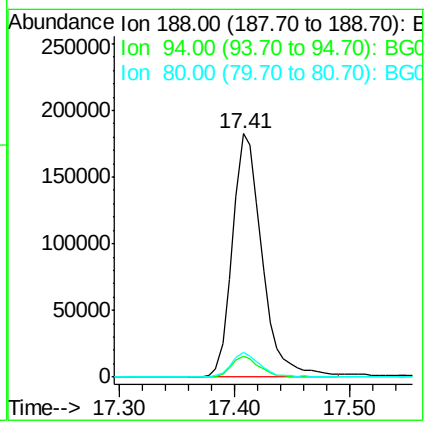


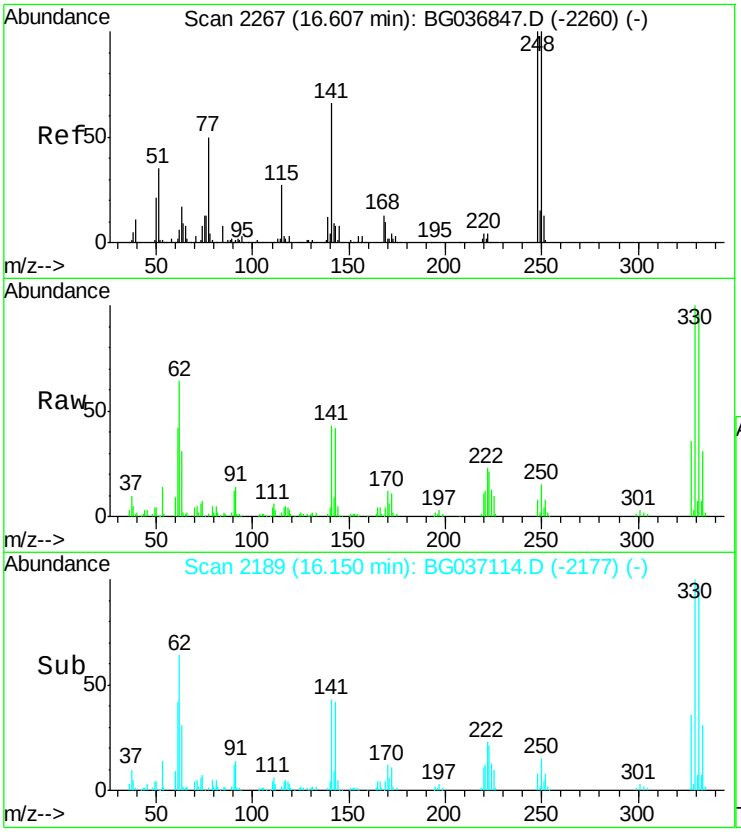


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:188 Resp: 325289

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	10.0	8.1	12.1

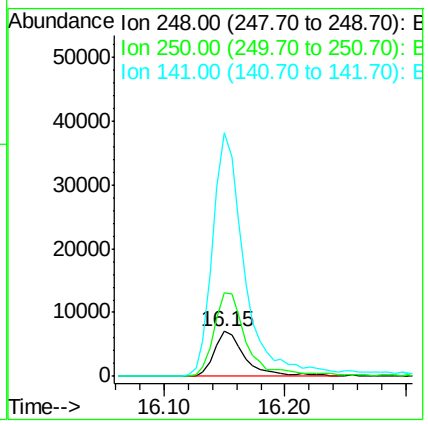


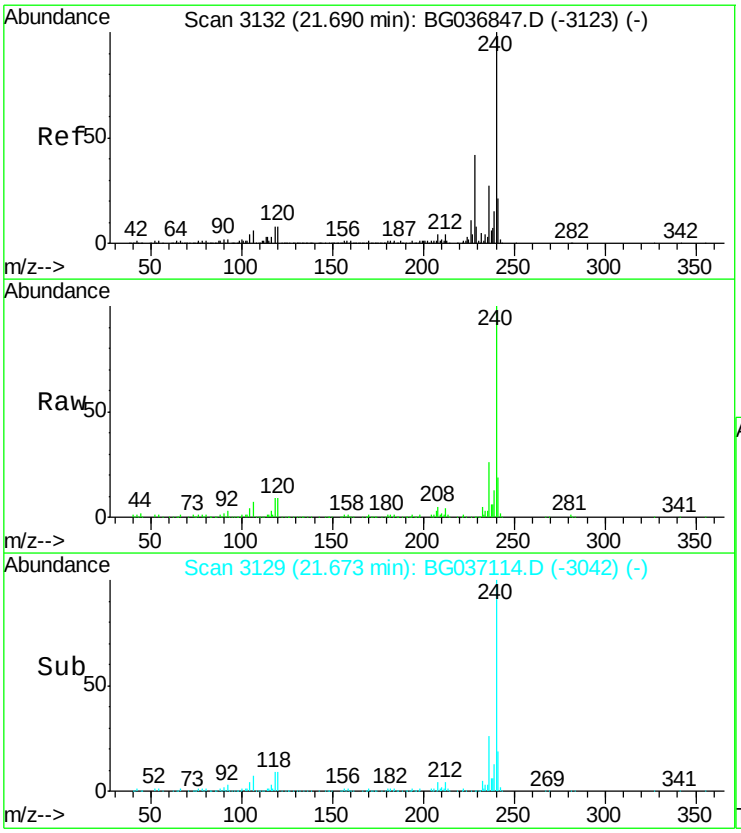


#66
4-Bromophenyl-phenylether
Concen: 3.370 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:248 Resp: 12468

Ion	Ratio	Lower	Upper
248	100		
250	187.4	78.1	117.1#
141	543.9	53.7	80.5#

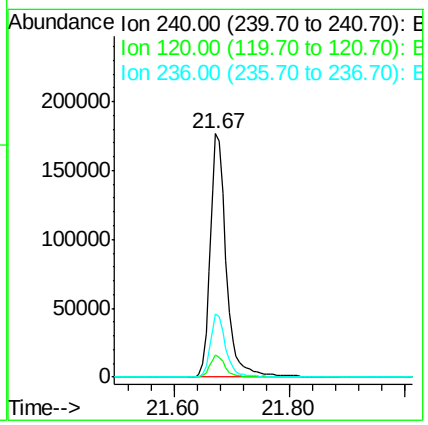


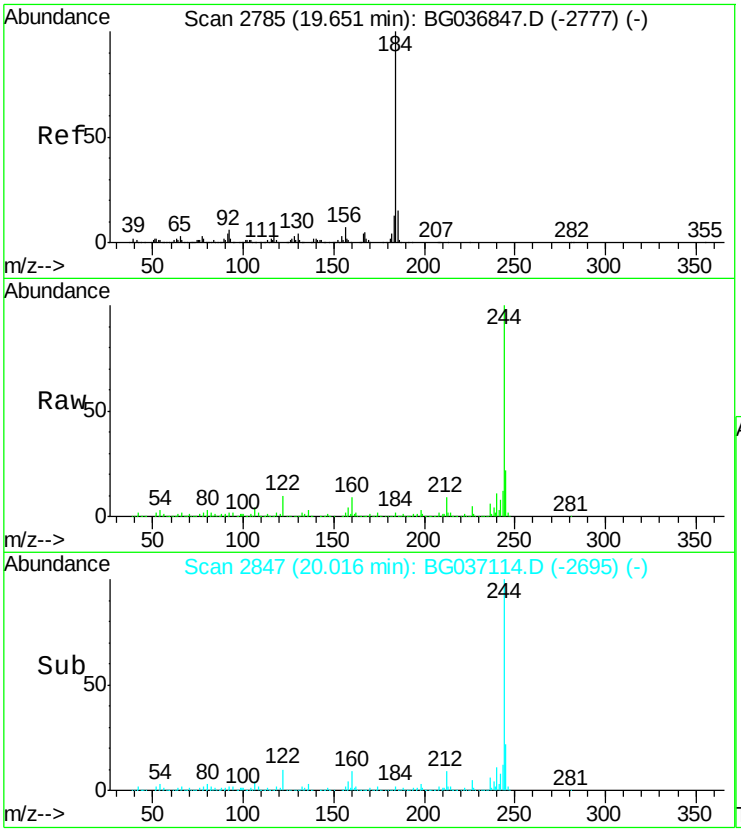


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:240 Resp: 343801

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.9	10.3
236	25.7	21.2	31.8

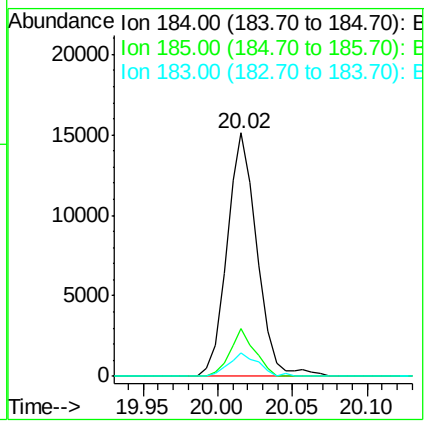


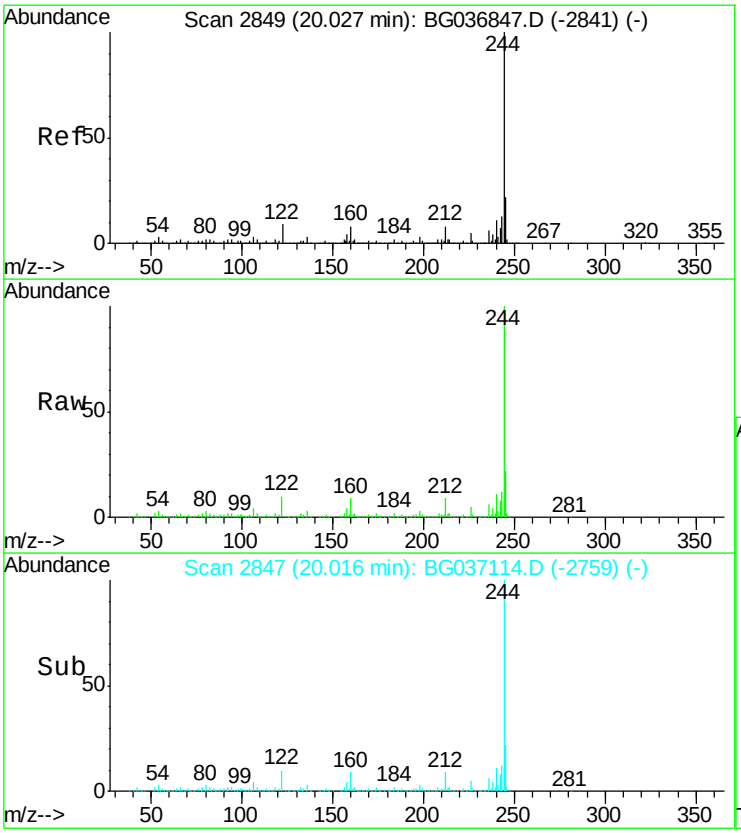


#76
Benzidine
Concen: 2.041 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:184 Resp: 21210

Ion	Ratio	Lower	Upper
184	100		
185	19.8	12.6	18.8#
183	9.4	10.9	16.3#

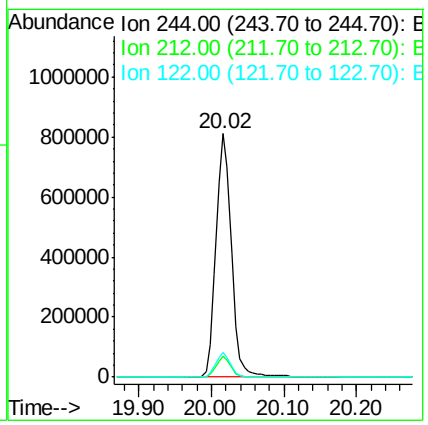


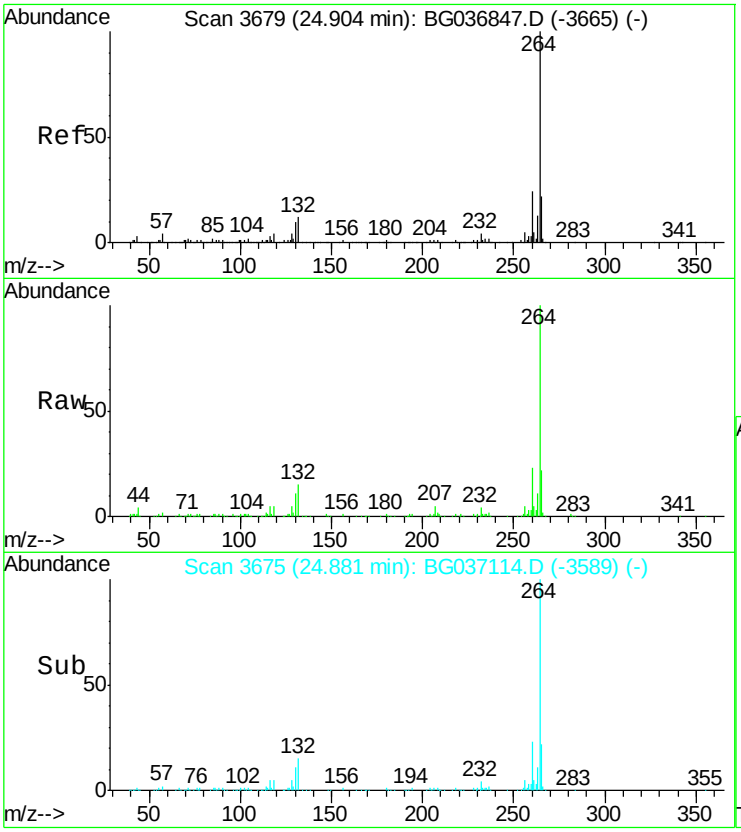


#78
Terphenyl-d14
Concen: 91.851 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:244 Resp: 1200929

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.1	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: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:264 Resp: 330688

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	22.1	17.4	26.0