Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035938.D
Acq On : 27 Jul 2018 15:26
Operator : JU/SJ
Sample : PB111517BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 17:05:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31470	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	105351	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	82823	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261699	20.00	ng	0.00
75) Chrysene-d12	21.66	240	294034	20.00	ng	0.00
86) Perylene-d12	24.85	264	263382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	204833	108.06	ng	0.00
7) Phenol-d6	7.19	99	295510	104.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	184890	73.31	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	130276	119.34	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	481646	77.91	ng	0.00
78) Terphenyl-d14	20.00	244	1032461	77.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	24480	10.279	ng	# 72
50) 2,6-Dinitrotoluene	14.64	165	11890	8.046	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	11891	5.609	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	10025	3.302	ng	# 1
76) Benzidine	20.00	184	16804	2.174	ng	# 90

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

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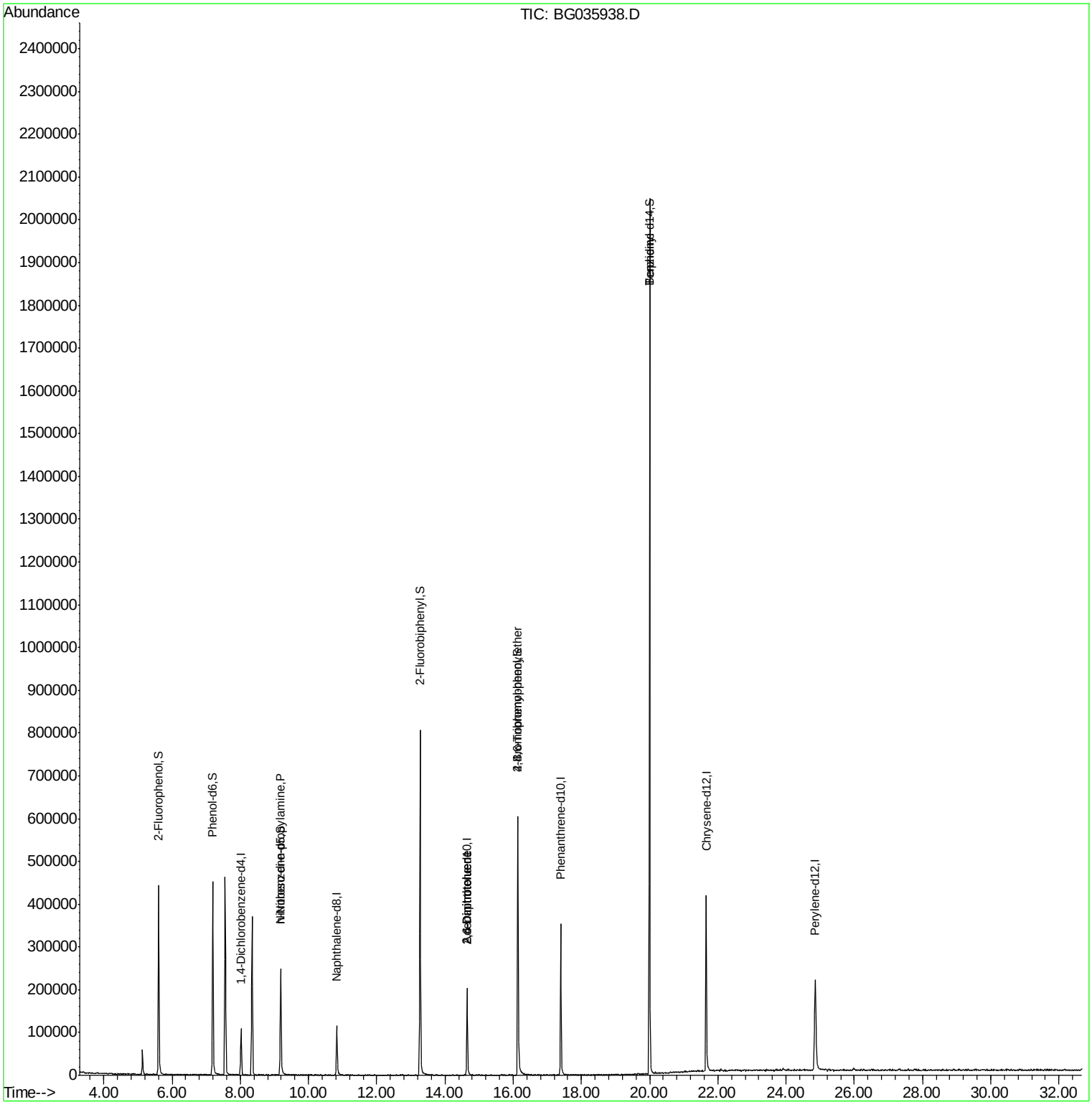
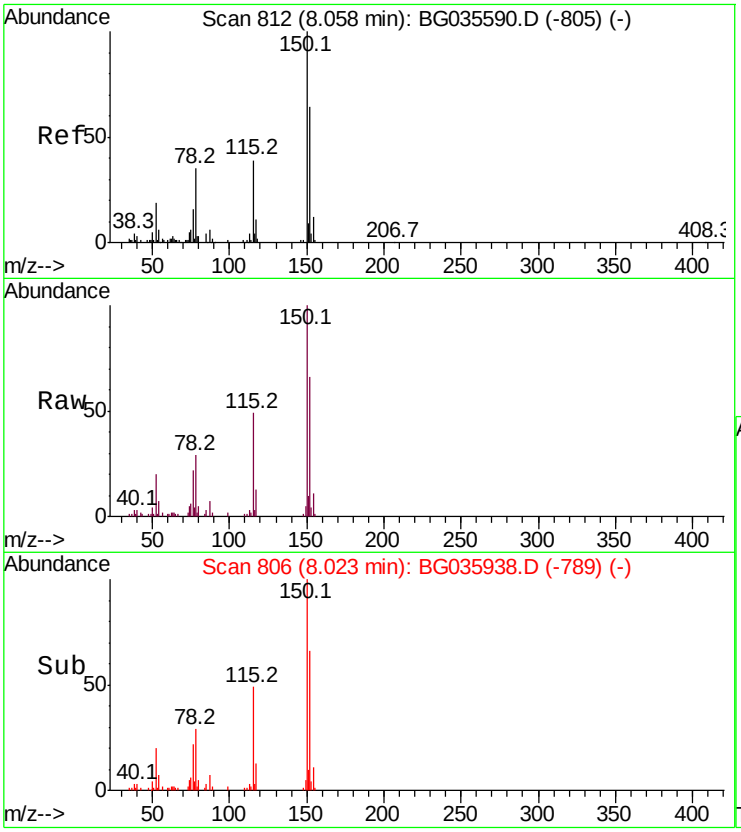
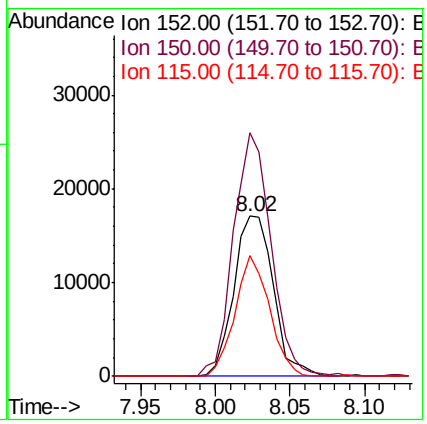


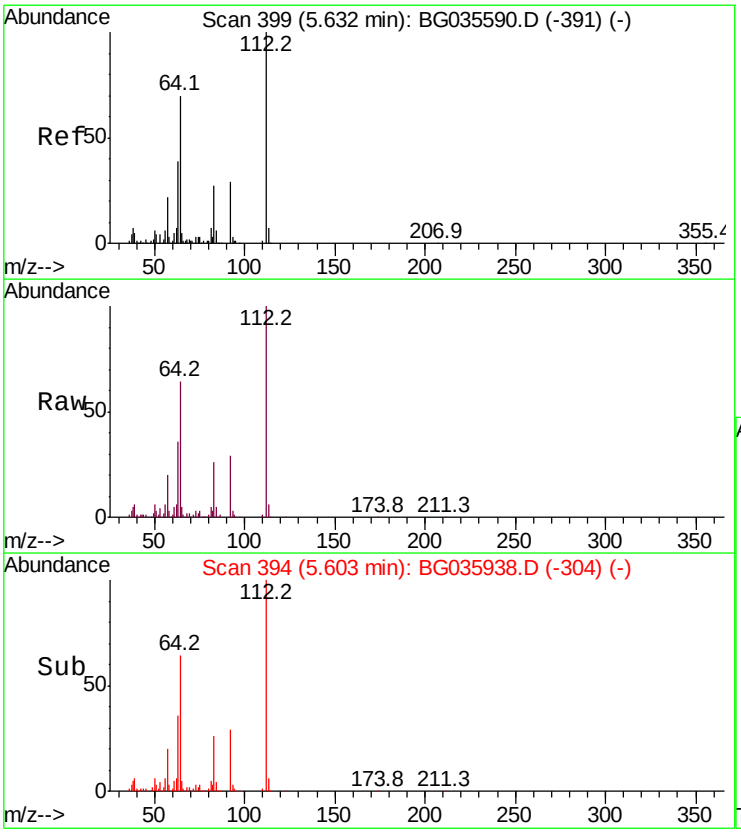


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:152 Resp: 31470

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	75.1	53.0	79.4

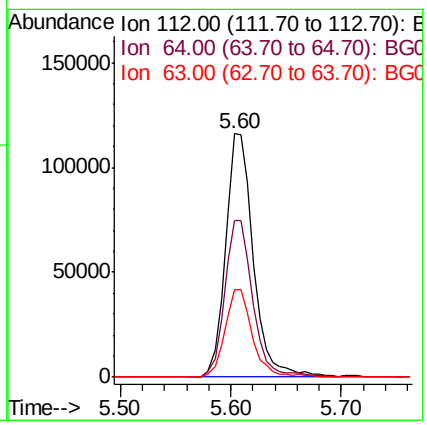


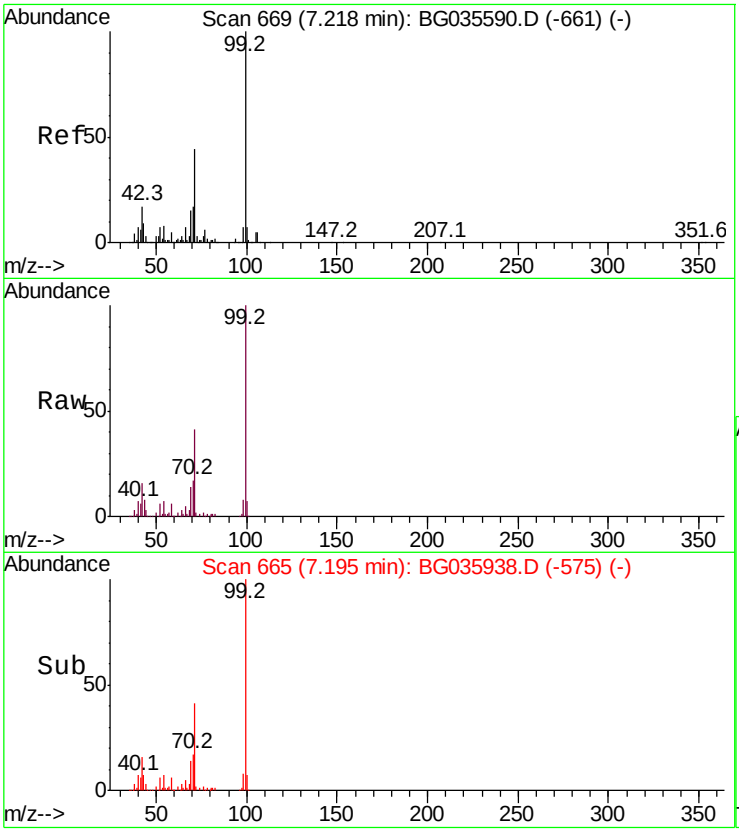


#5
2-Fluorophenol
Concen: 108.062 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:112 Resp: 204833

Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	36.0	30.1	45.1

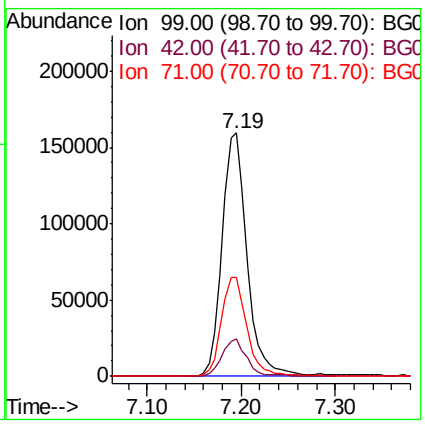


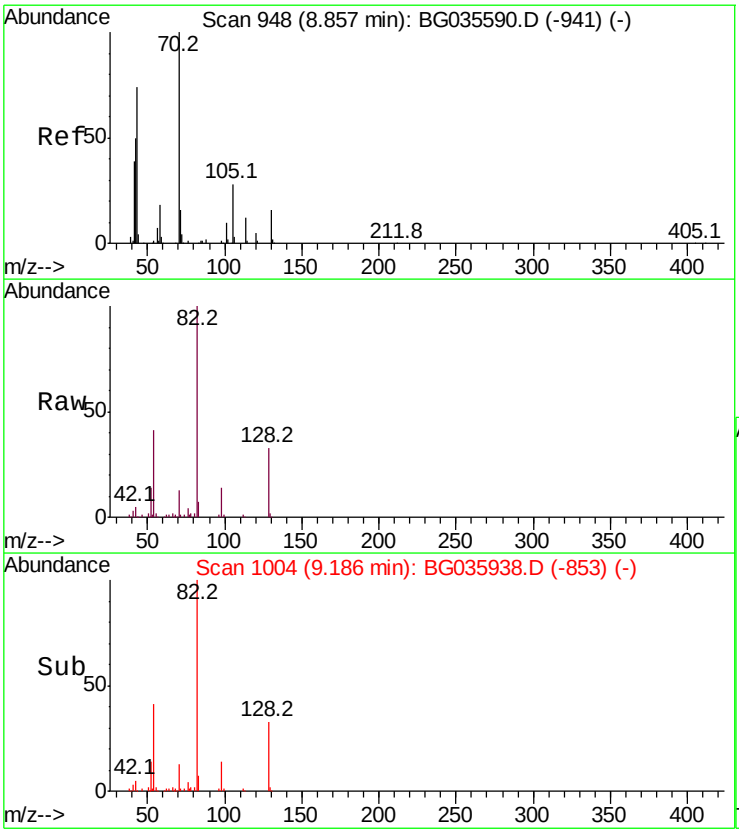


#7
Phenol-d6
Concen: 104.491 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion: 99 Resp: 295510

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	40.9	26.1	39.1#

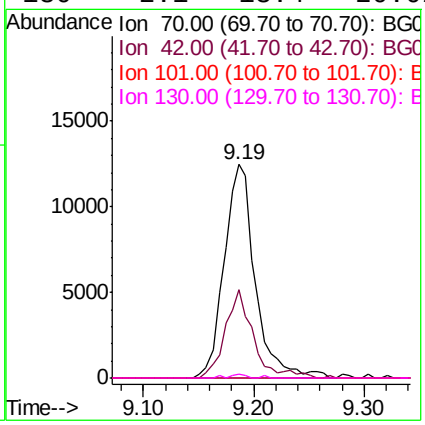


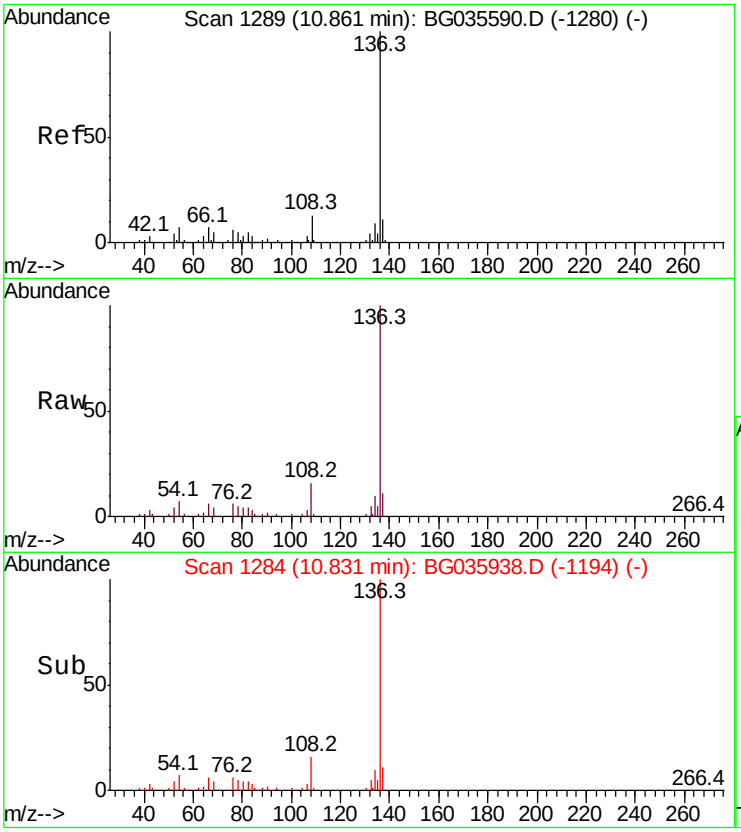


#19
n-Nitroso-di-n-propylamine
Concen: 10.279 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion: 70 Resp: 24480

Ion	Ratio	Lower	Upper
70	100		
42	41.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

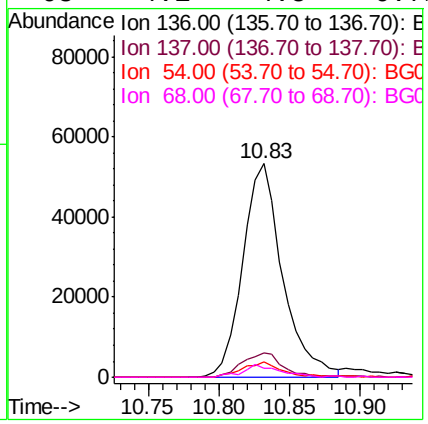


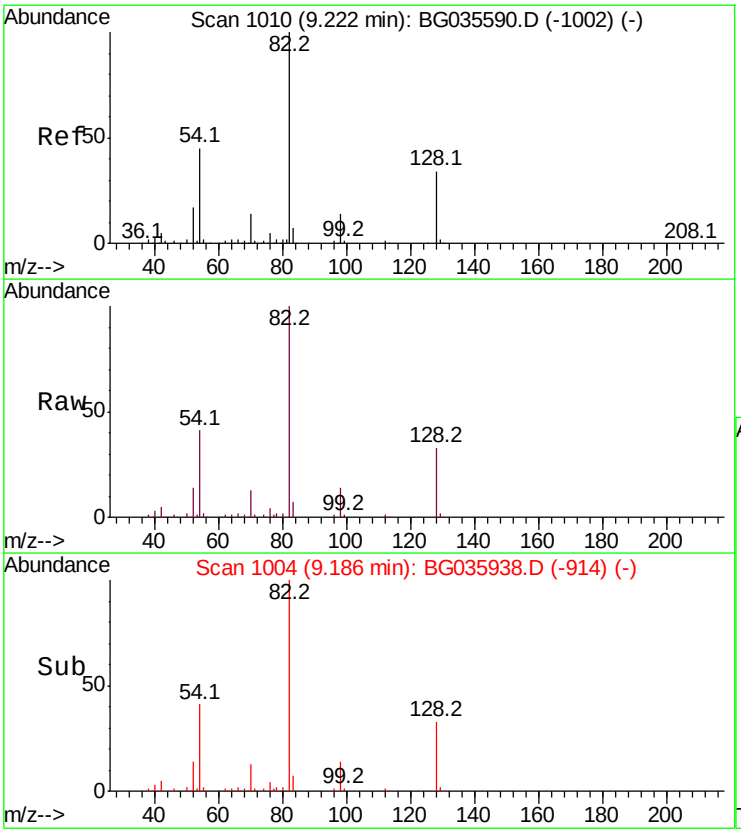


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:136 Resp: 105351

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.9	10.3	15.5#
68	4.1	4.5	6.7#

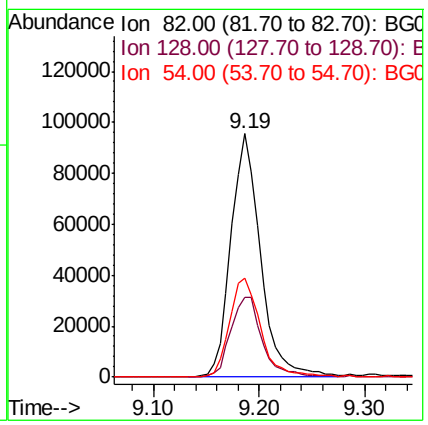


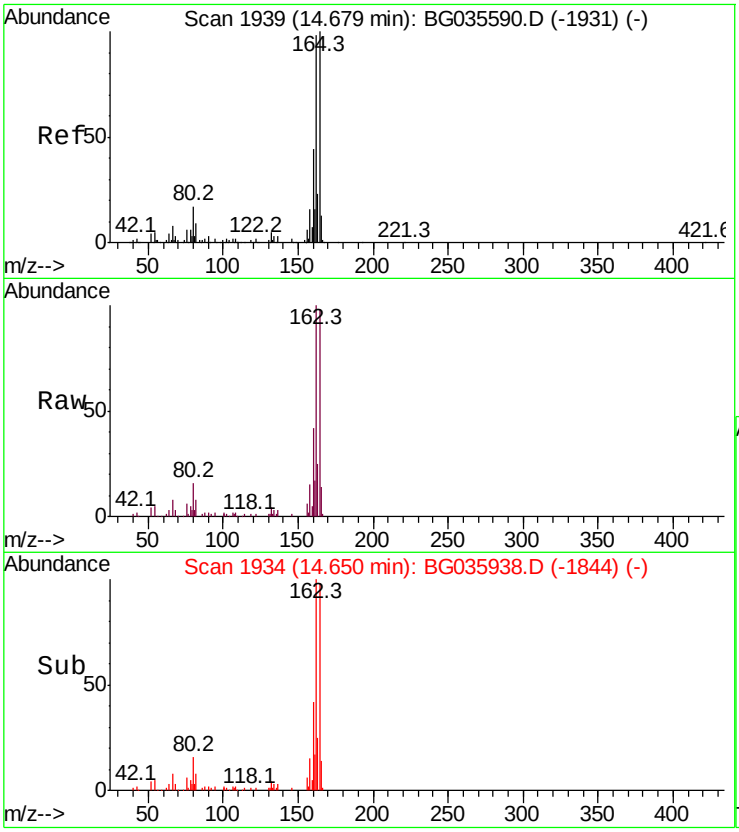


#23
Nitrobenzene-d5
Concen: 73.314 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion: 82 Resp: 184890

Ion	Ratio	Lower	Upper
82	100		
128	32.9	29.7	44.5
54	40.6	43.1	64.7#

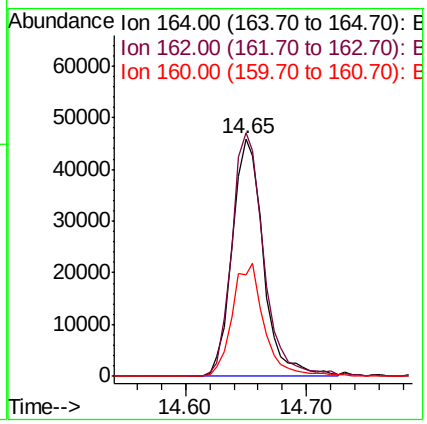


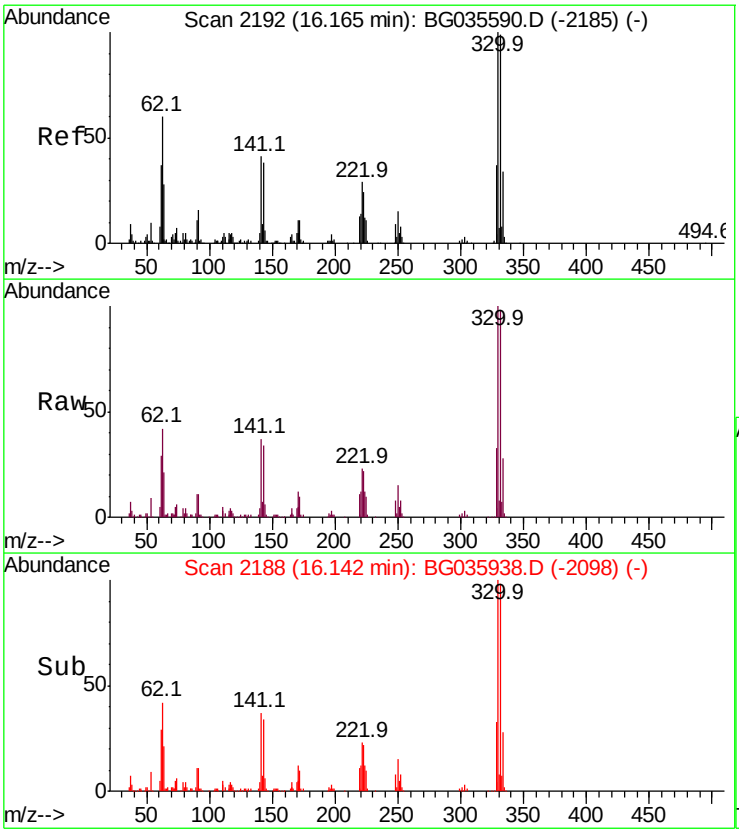


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:164 Resp: 82823

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	42.7	35.4	53.0

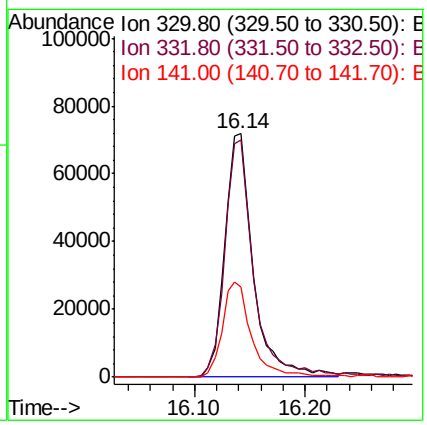


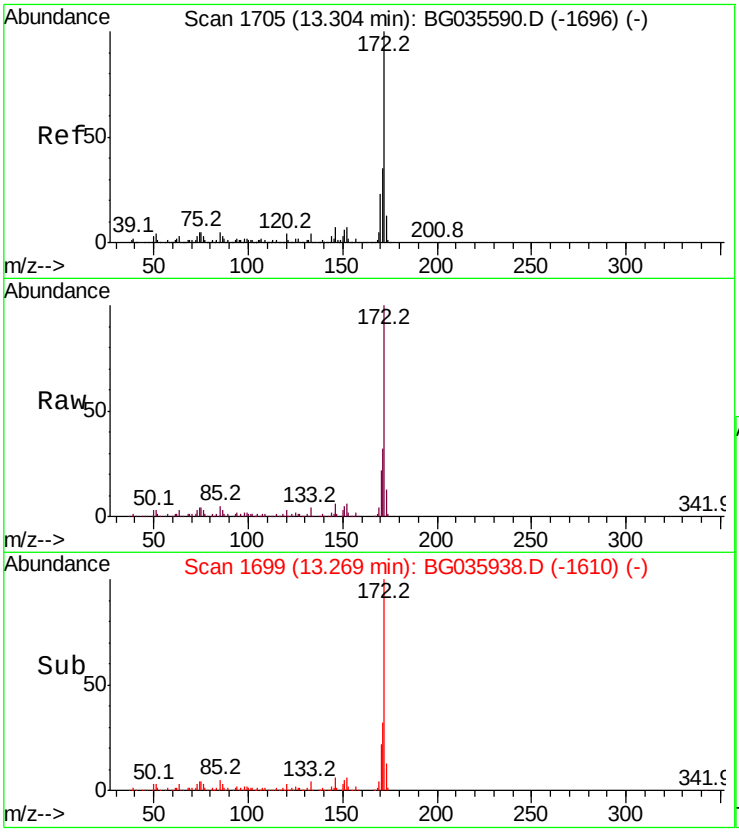


#41
2,4,6-Tribromophenol
Concen: 119.337 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:330 Resp: 130276

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	39.4	25.2	37.8#

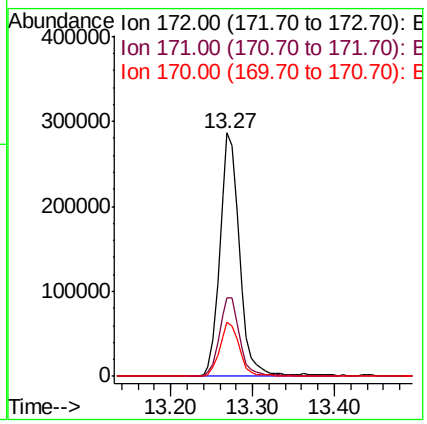


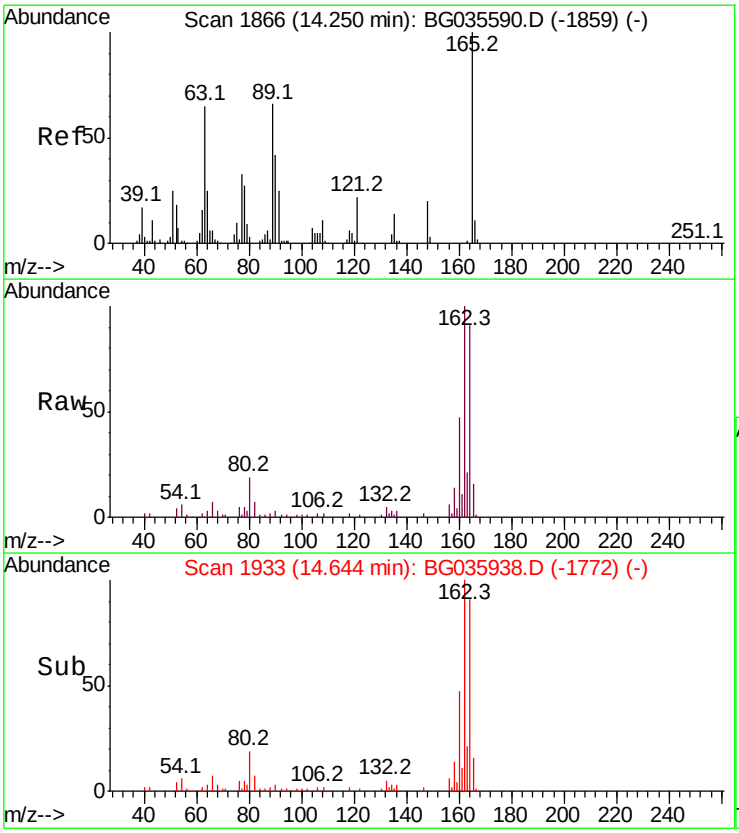


#44
2-Fluorobiphenyl
Concen: 77.911 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:172 Resp: 481646

Ion	Ratio	Lower	Upper
172	100		
171	32.4	30.0	45.0
170	22.4	19.5	29.3

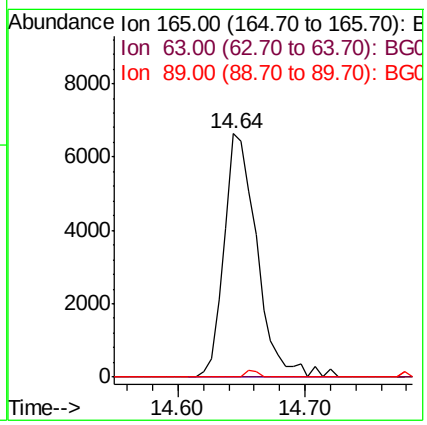


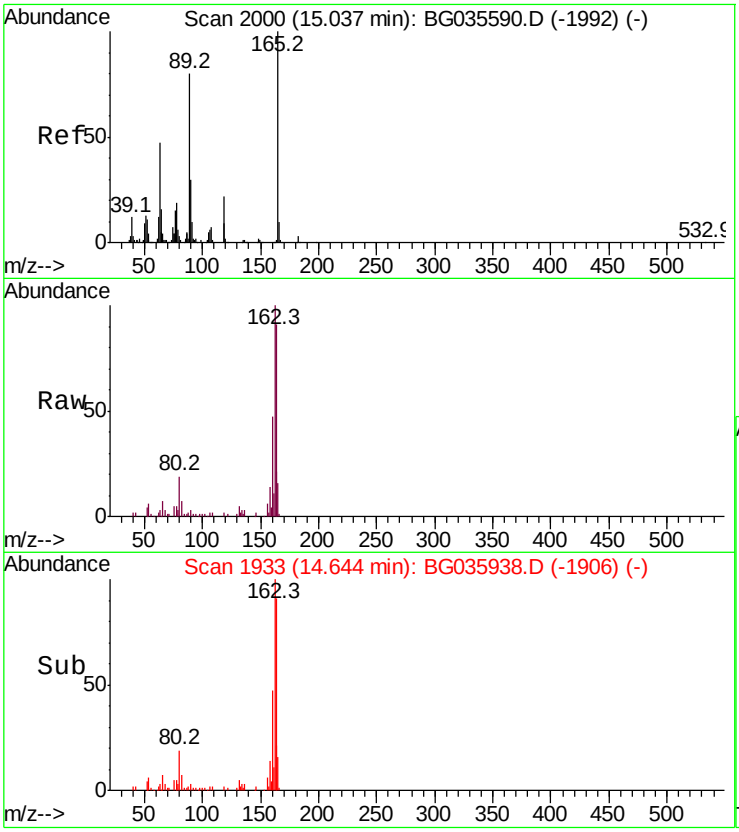


#50
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:165 Resp: 11890

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

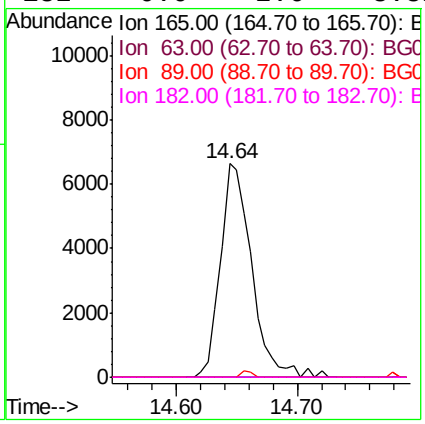


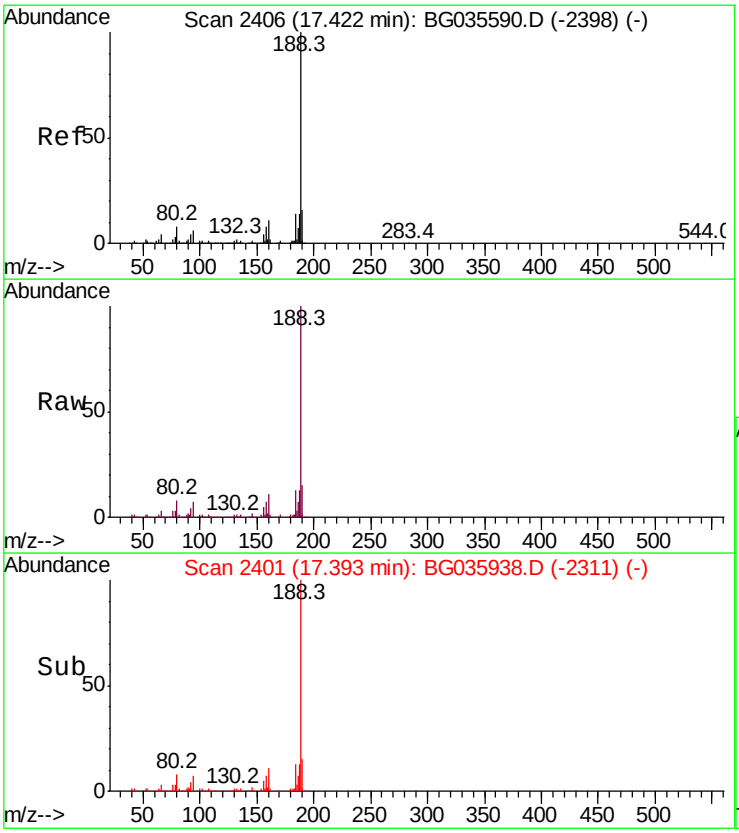


#56
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:165 Resp: 11891

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

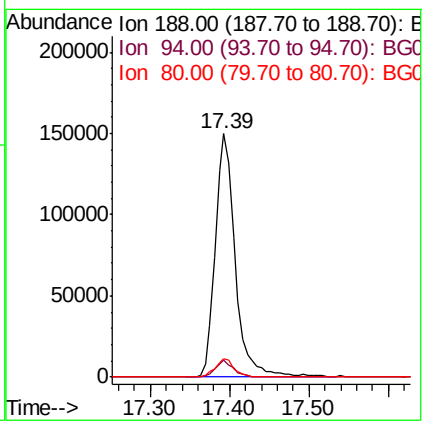


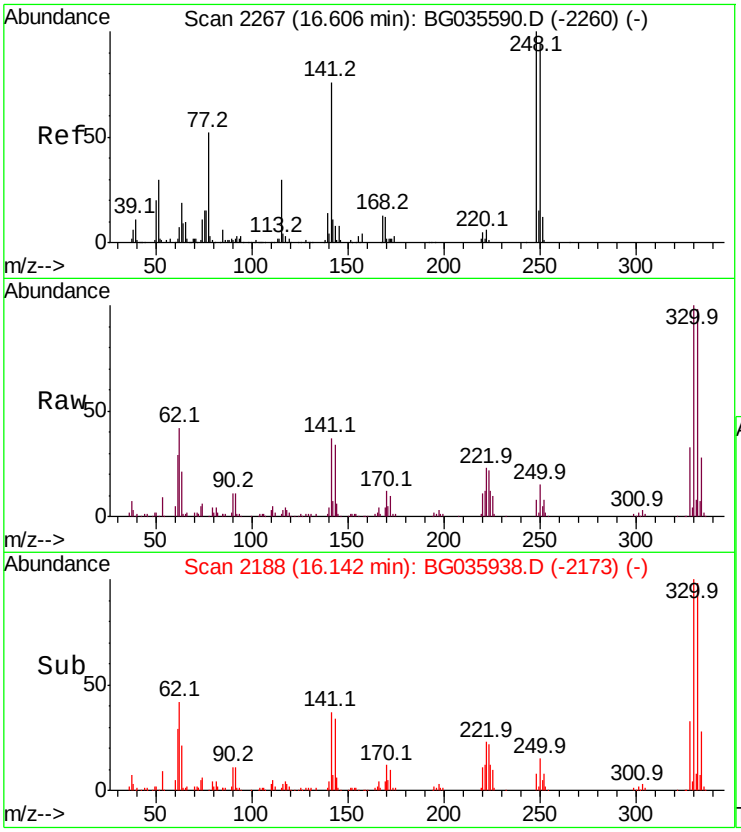


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:188 Resp: 261699

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.8	7.7	11.5

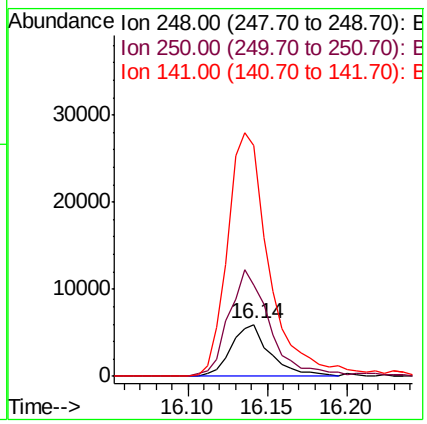


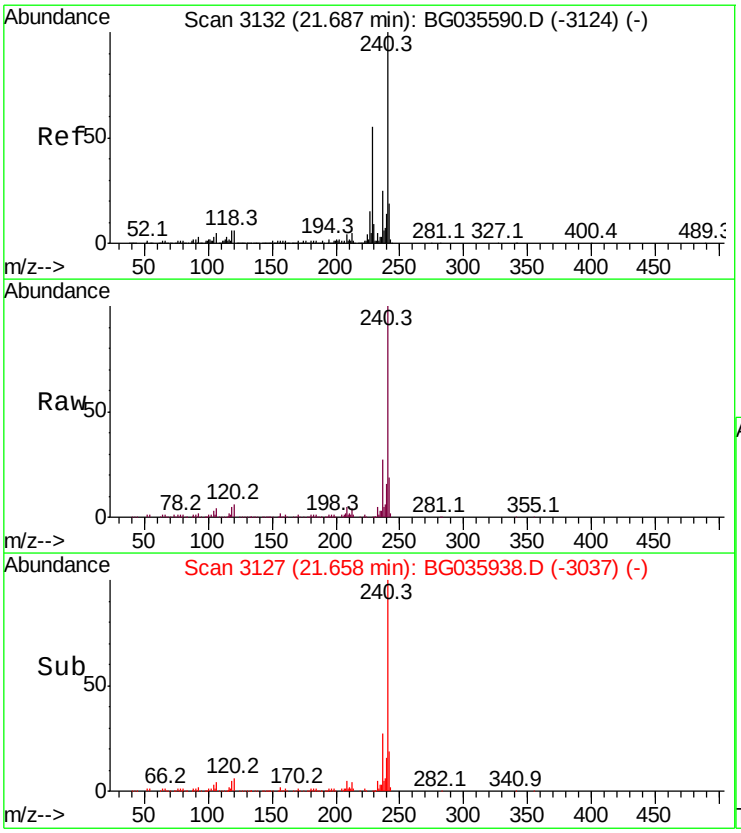


#66
4-Bromophenyl-phenylether
Concen: 3.302 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:248 Resp: 10025

Ion	Ratio	Lower	Upper
248	100		
250	175.6	77.1	115.7#
141	445.9	50.8	76.2#

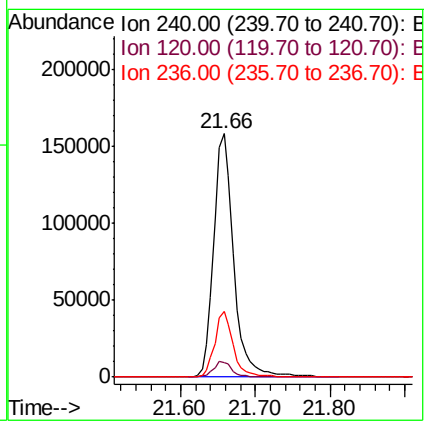


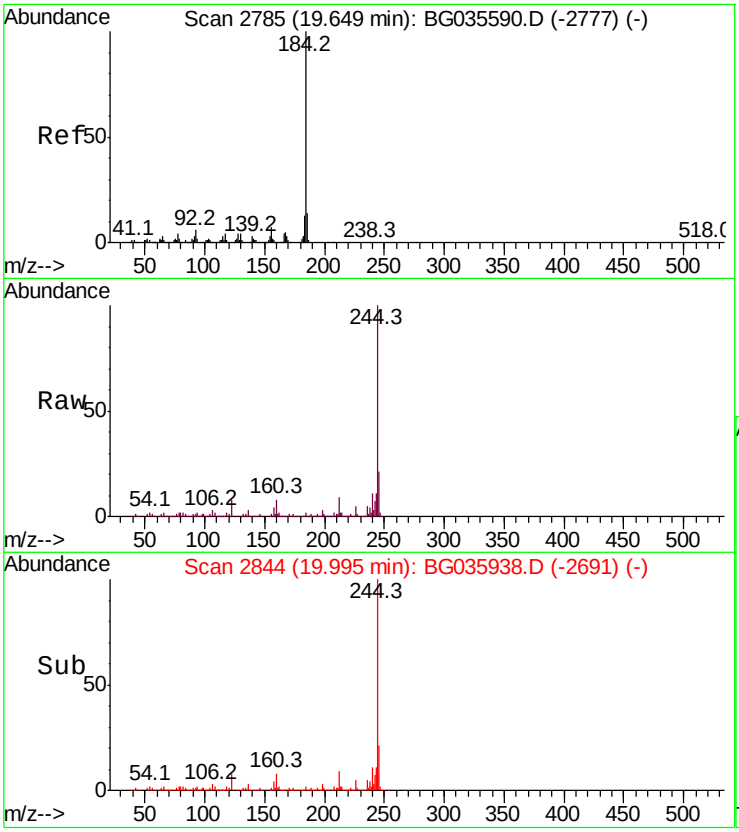


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:240 Resp: 294034

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	27.2	20.9	31.3

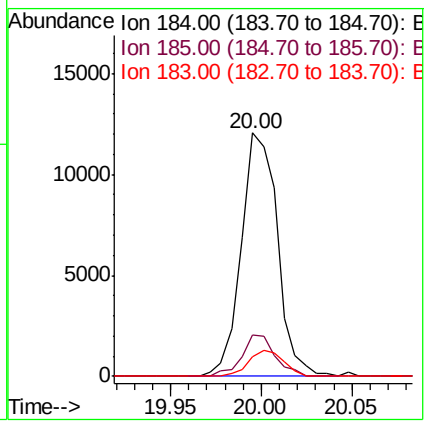


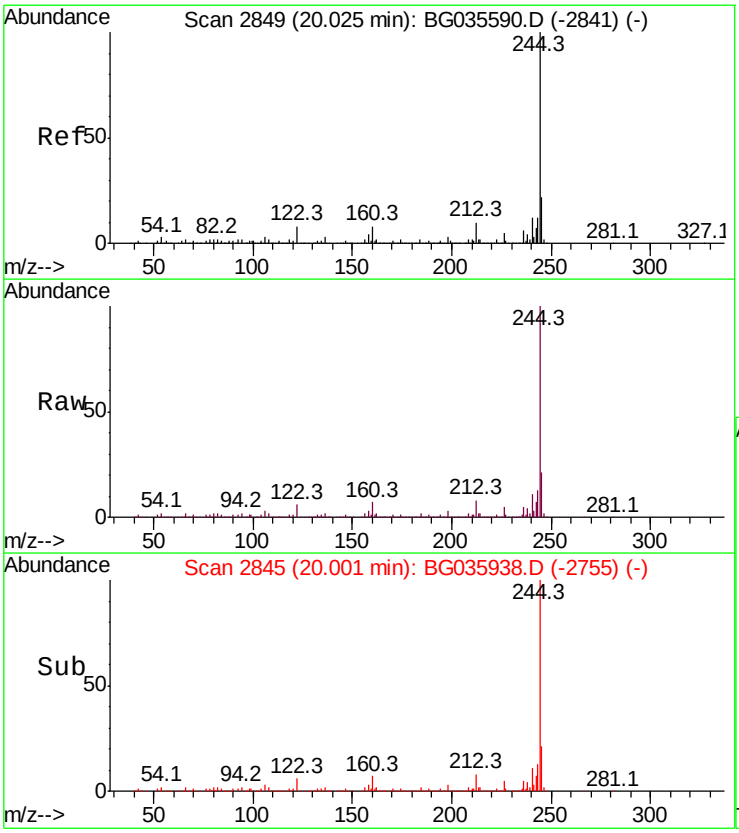


#76
Benzidine
Concen: 2.174 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:184 Resp: 16804

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.1	16.7#
183	8.3	10.6	16.0#

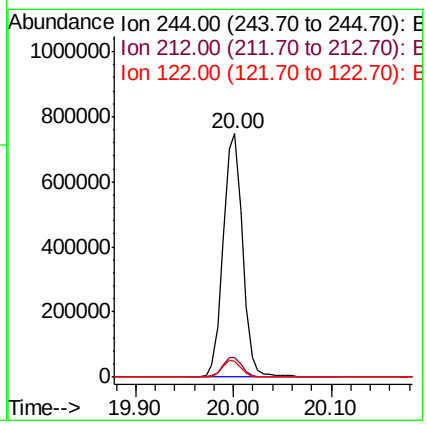


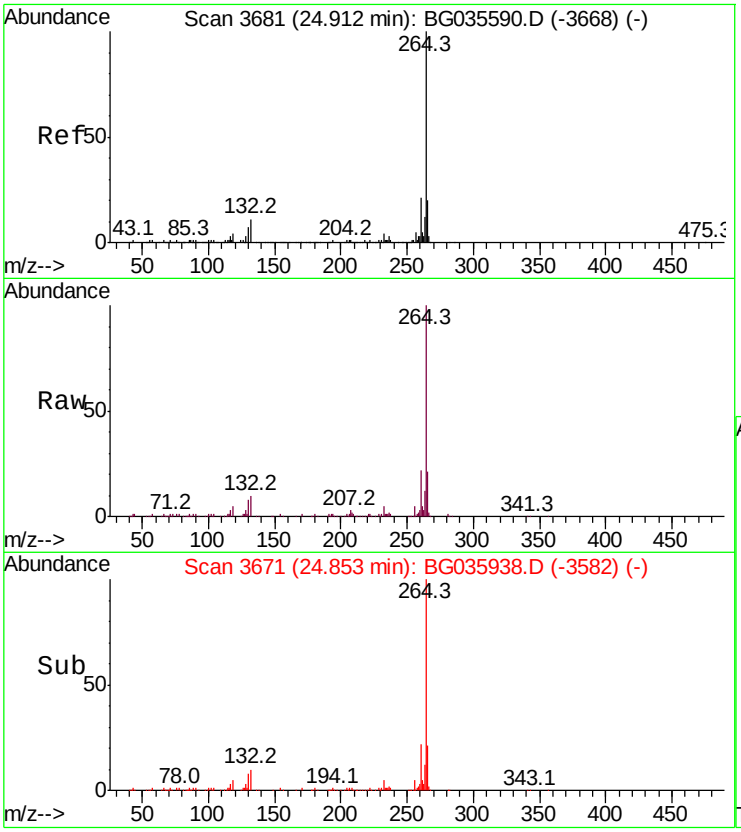


#78
Terphenyl-d14
Concen: 77.401 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:244 Resp: 1032461

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion:264 Resp: 263382

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.2	17.7	26.5