Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
Data File : BG035964.D
Acq On : 28 Jul 2018 9:01
Operator : JU/SJ
Sample : J4177-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 00:37:41 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	29158	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	112392	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	86255	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267146	20.00	ng	0.00
75) Chrysene-d12	21.65	240	296340	20.00	ng	0.00
86) Perylene-d12	24.85	264	265179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	247158	140.73	ng	0.00
7) Phenol-d6	7.19	99	332950	127.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	256261	95.25	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	181013	159.22	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	652777	101.39	ng	0.00
78) Terphenyl-d14	20.00	244	1428938	106.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	36831	16.692	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	11533	7.494	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	11534	5.224	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	14126	4.558	ng	# 1
76) Benzidine	19.99	184	24588	3.156	ng	# 87

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

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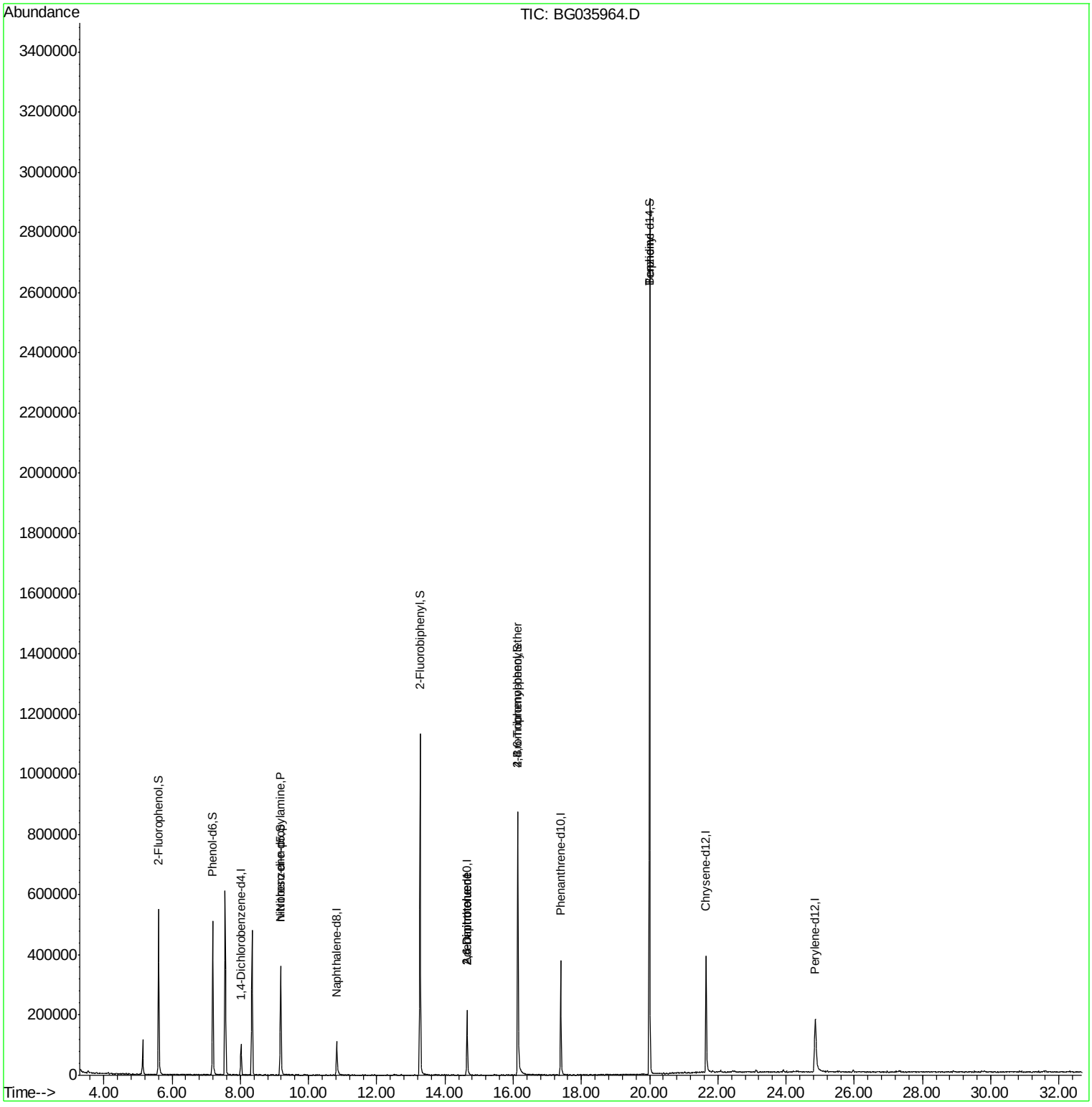
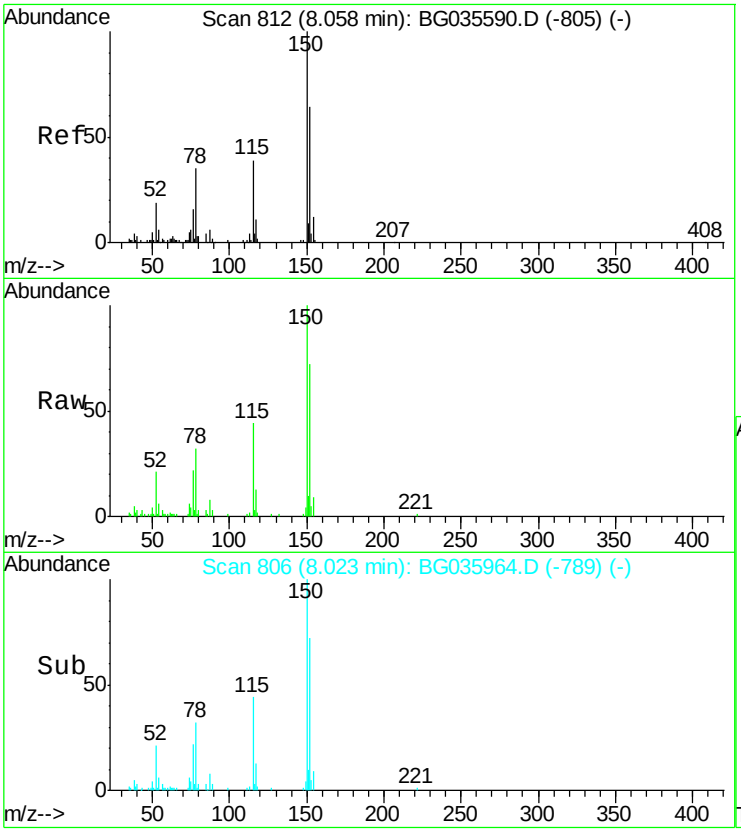
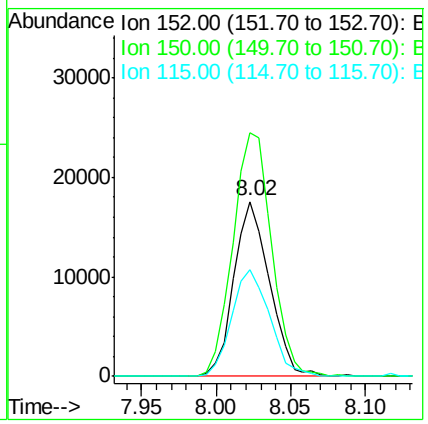


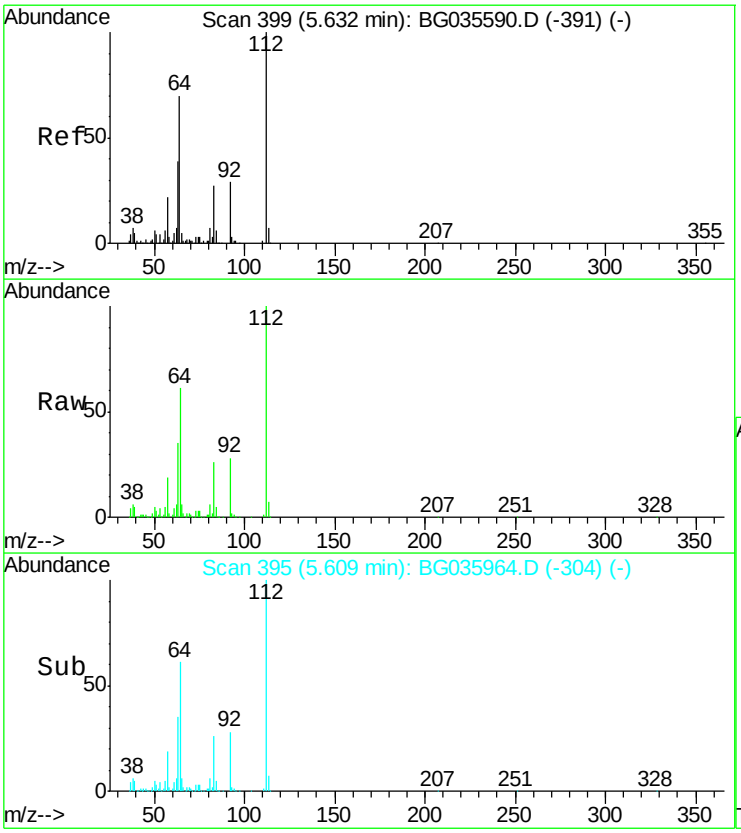


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:152 Resp: 29158

Ion	Ratio	Lower	Upper
152	100		
150	139.3	126.6	189.8
115	61.4	53.0	79.4

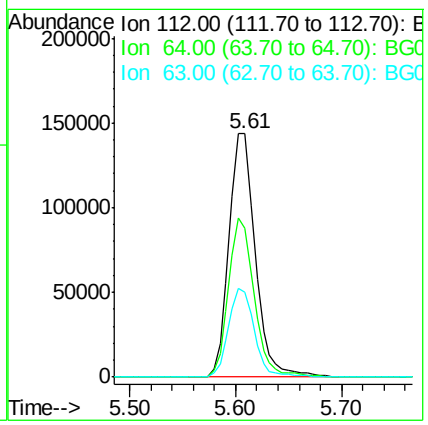


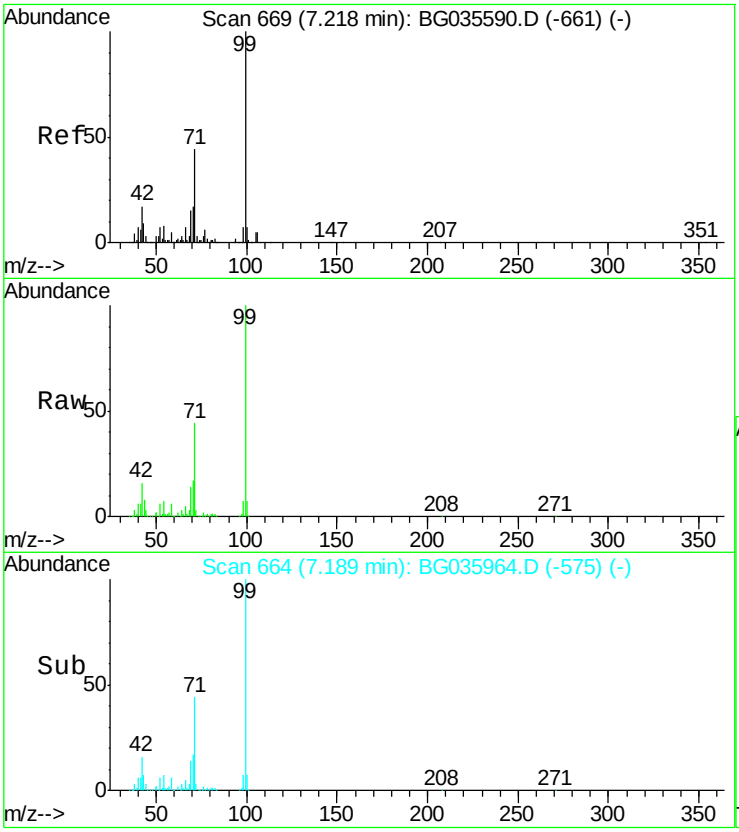


#5
2-Fluorophenol
Concen: 140.730 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:112 Resp: 247158

Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	34.6	30.1	45.1

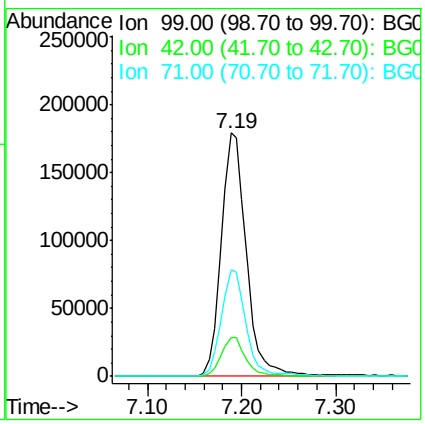


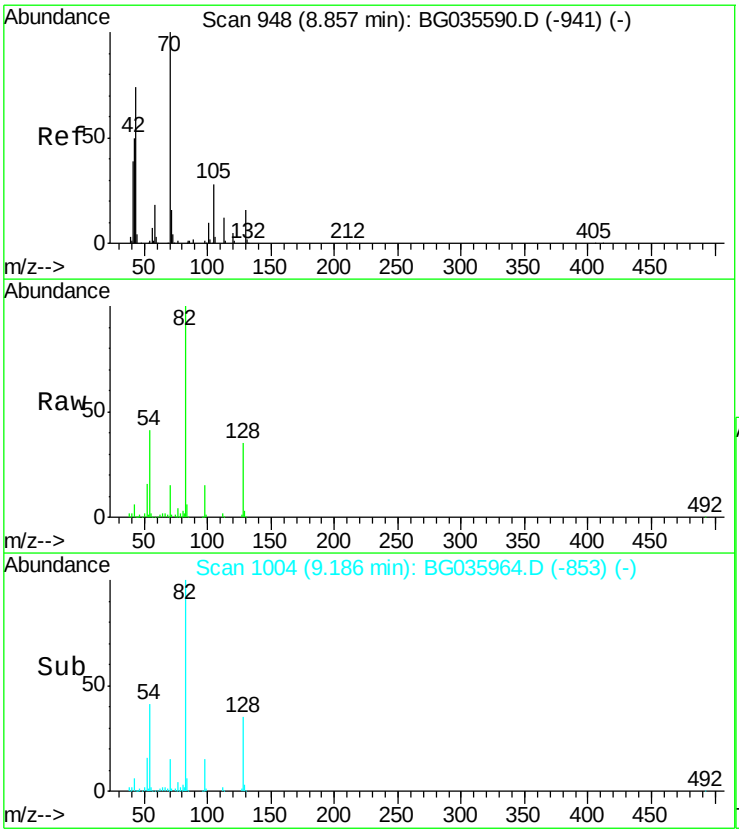


#7
Phenol-d6
Concen: 127.065 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion: 99 Resp: 332950

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	43.7	26.1	39.1#

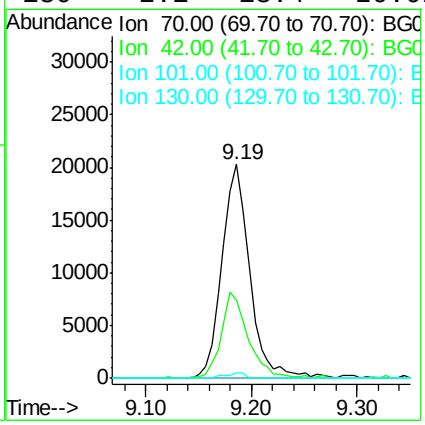


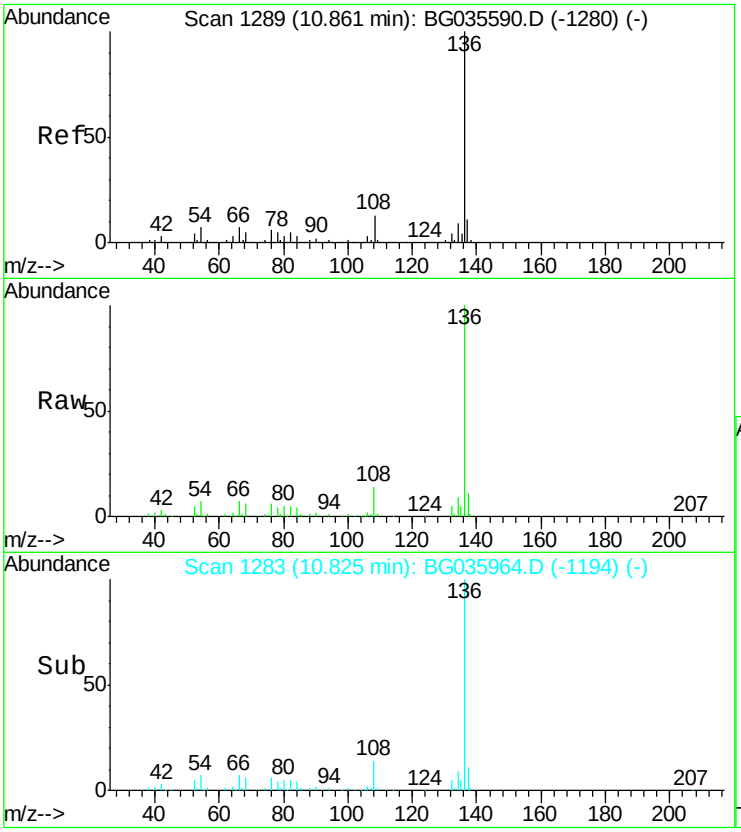


#19
n-Nitroso-di-n-propylamine
Concen: 16.692 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion: 70 Resp: 36831

Ion	Ratio	Lower	Upper
70	100		
42	36.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

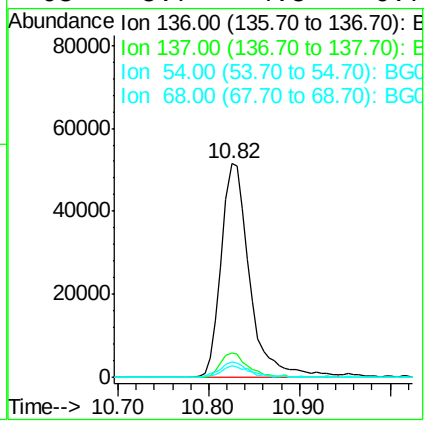


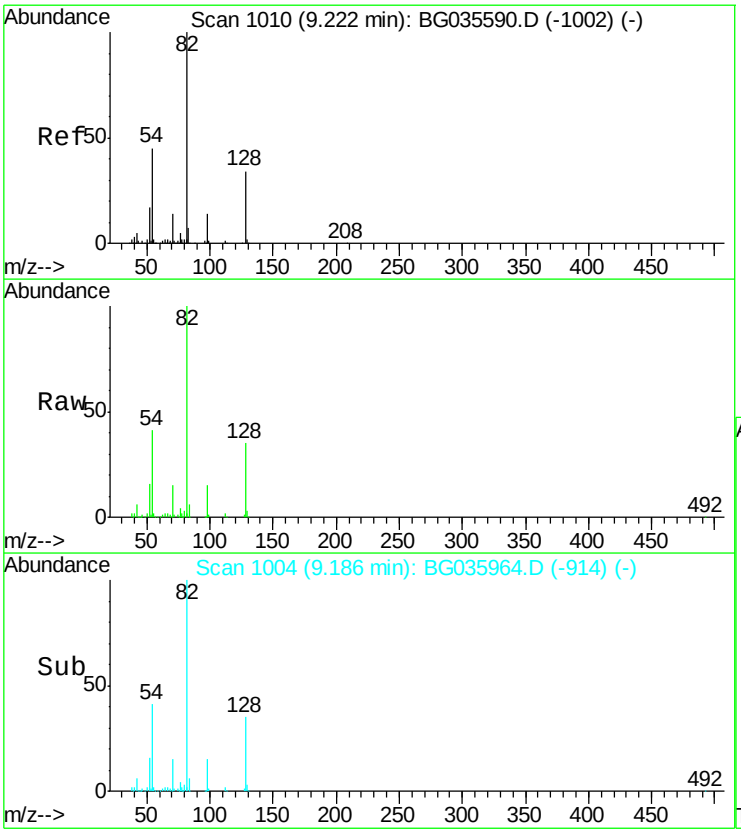


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:136 Resp: 112392

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.4	10.3	15.5#
68	5.7	4.5	6.7

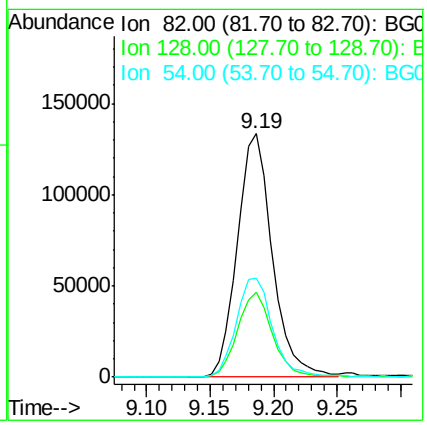


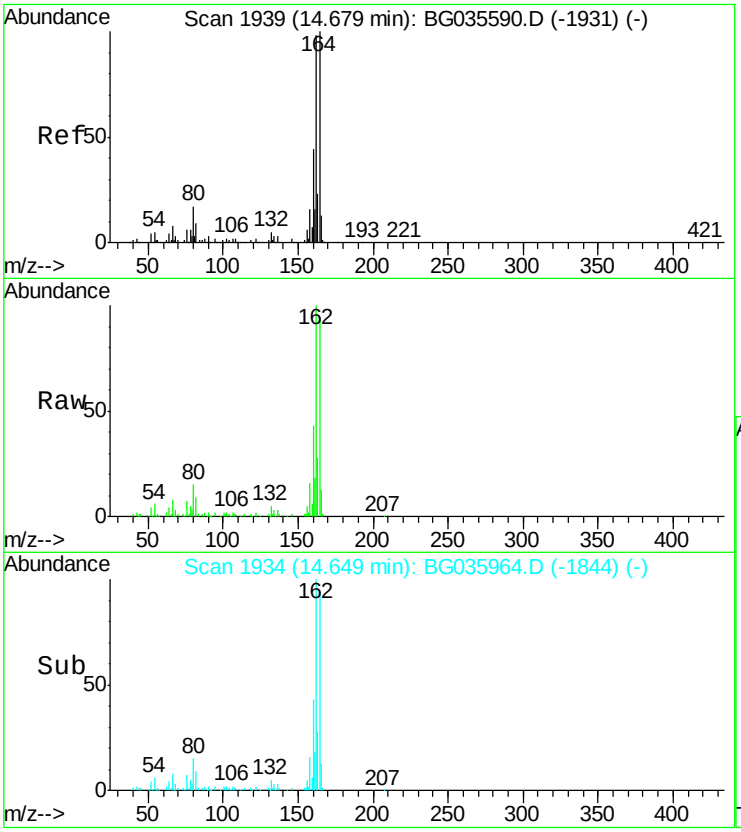


#23
Nitrobenzene-d5
Concen: 95.249 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion: 82 Resp: 256261

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	40.6	43.1	64.7#

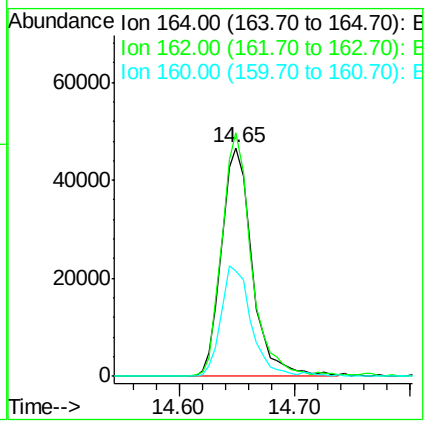


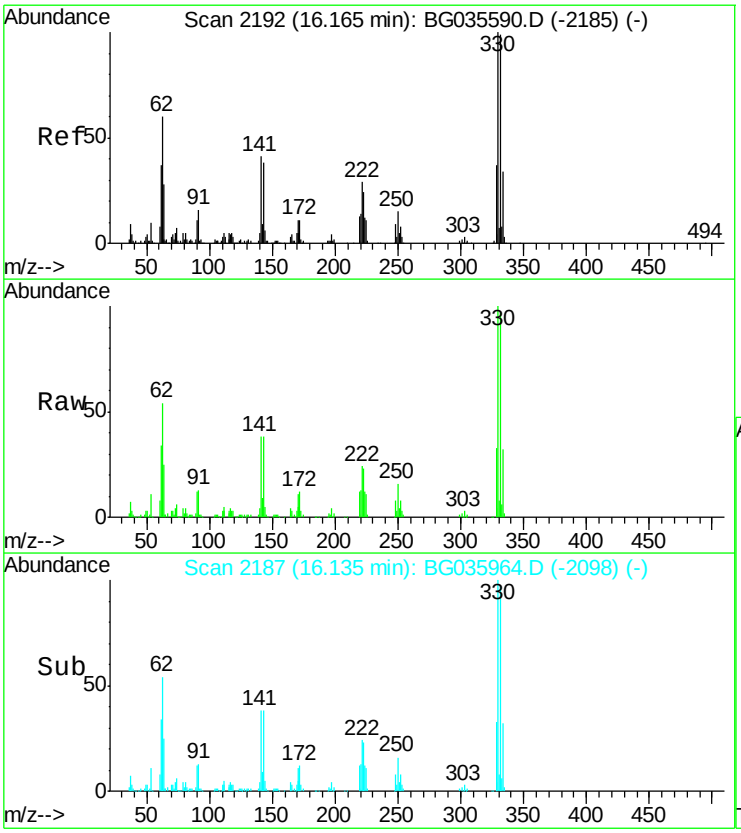


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:164 Resp: 86255

Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	46.0	35.4	53.0

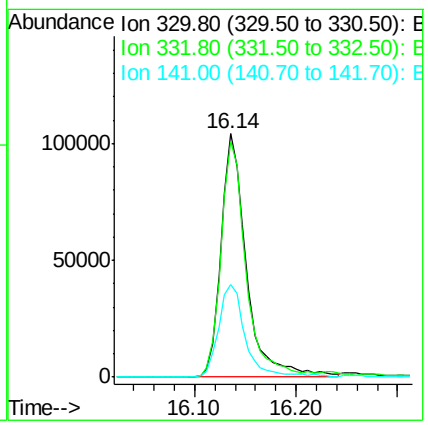


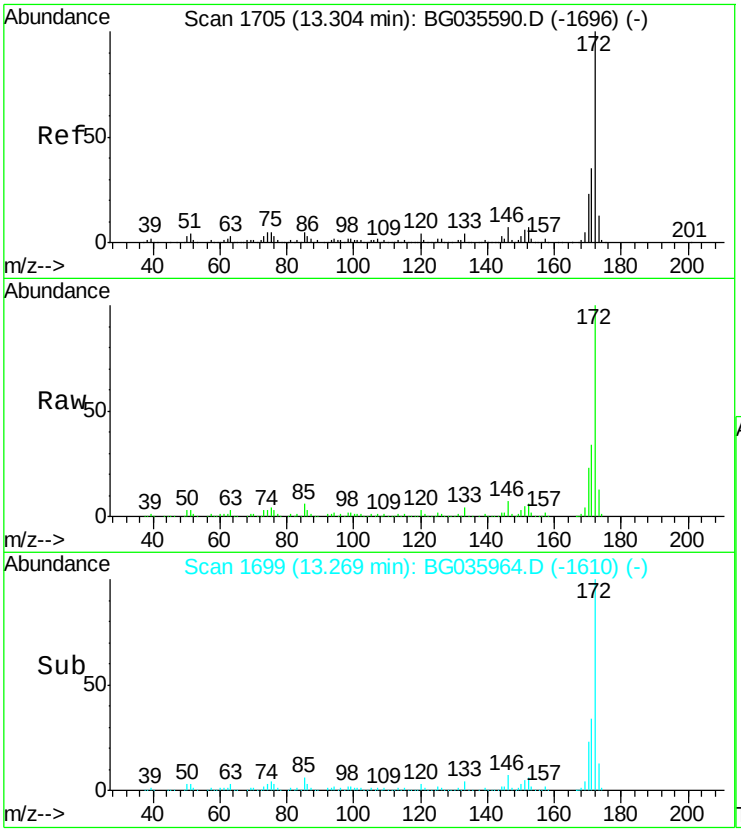


#41
2,4,6-Tribromophenol
Concen: 159.217 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:330 Resp: 181013

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	39.5	25.2	37.8#

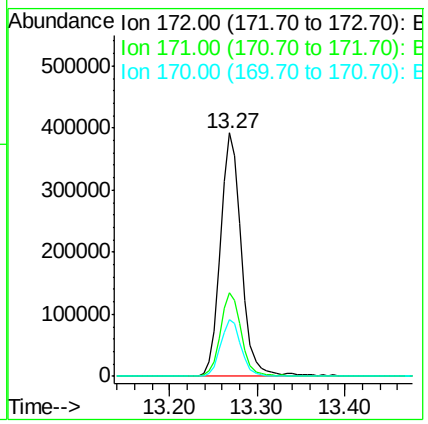


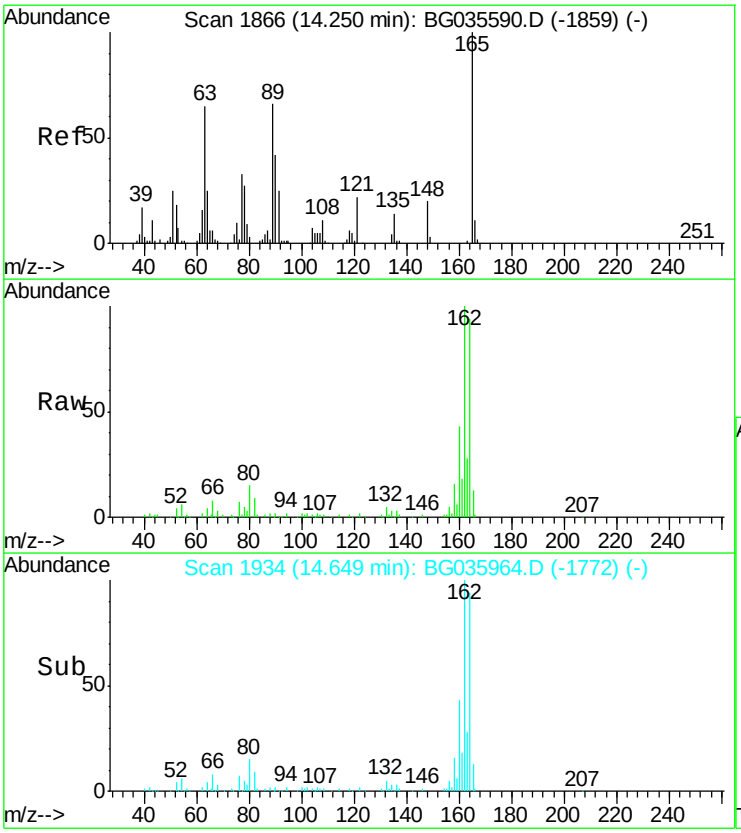


#44
2-Fluorobiphenyl
Concen: 101.391 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:172 Resp: 652777

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.3	19.5	29.3

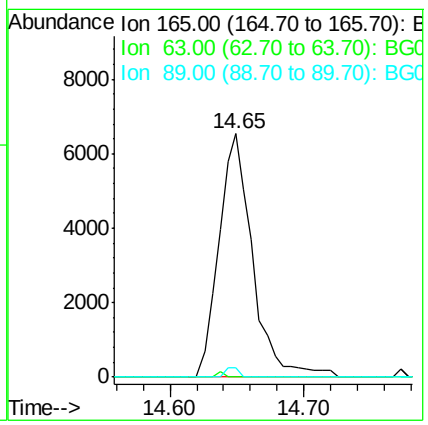


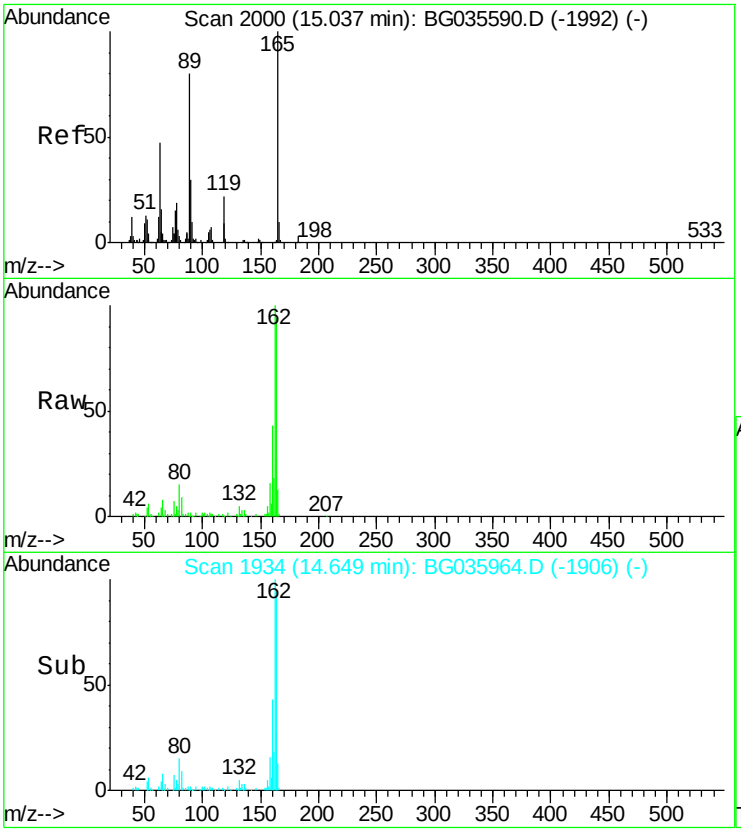


#50
2,6-Dinitrotoluene
Concen: 7.494 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:165 Resp: 11533

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.6	49.2	73.8#

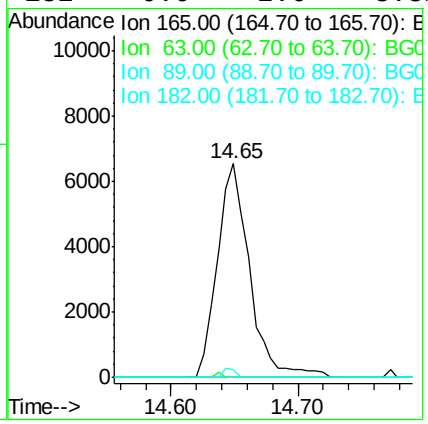


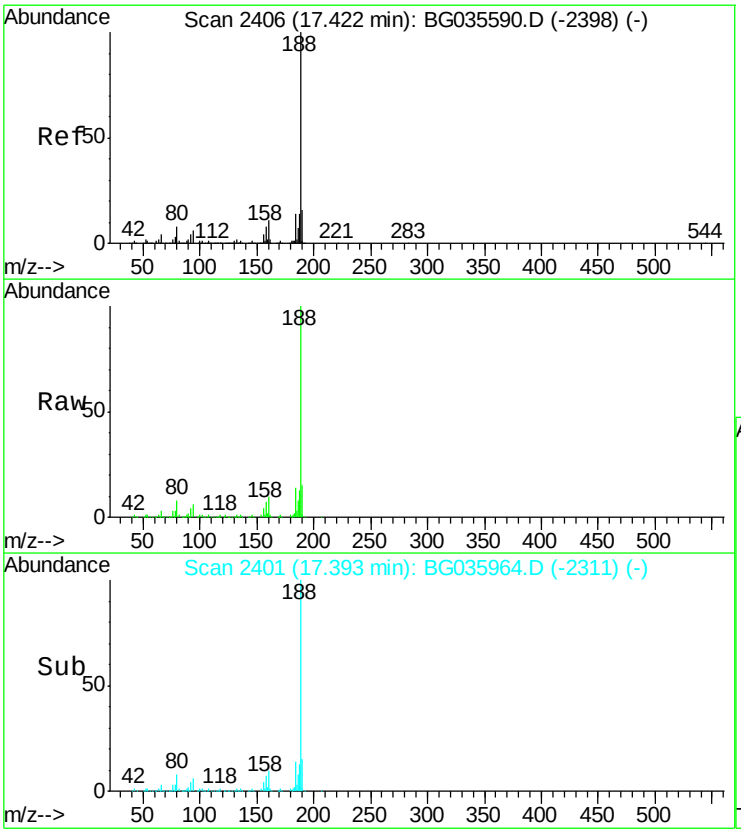


#56
2,4-Dinitrotoluene
Concen: 5.224 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:165 Resp: 11534

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#

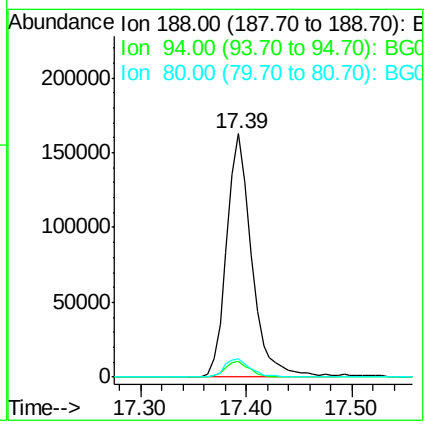


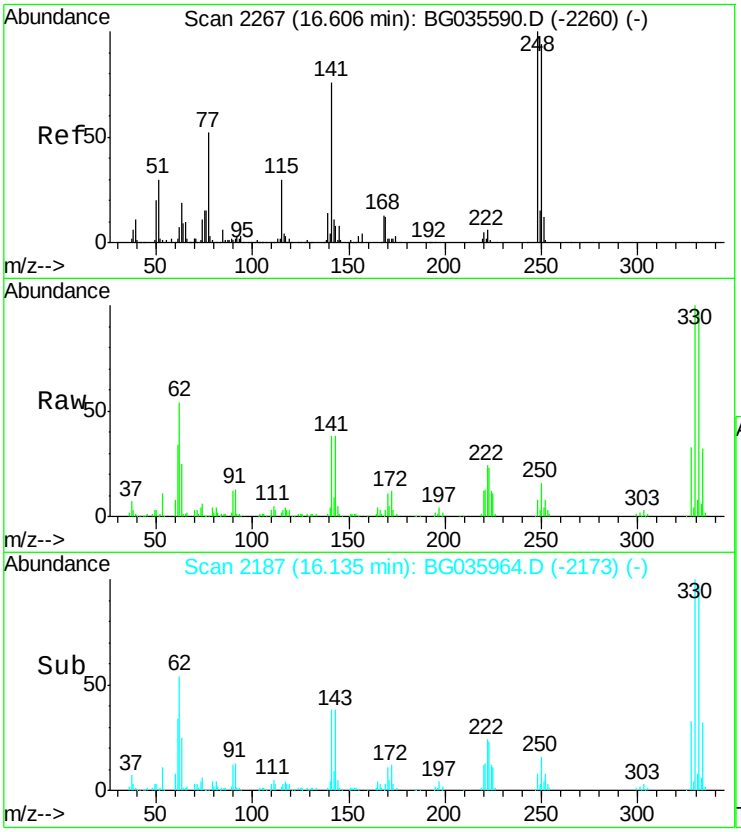


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:188 Resp: 267146

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.6	7.7	11.5#

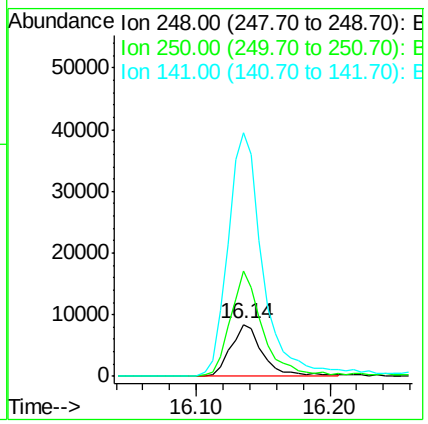


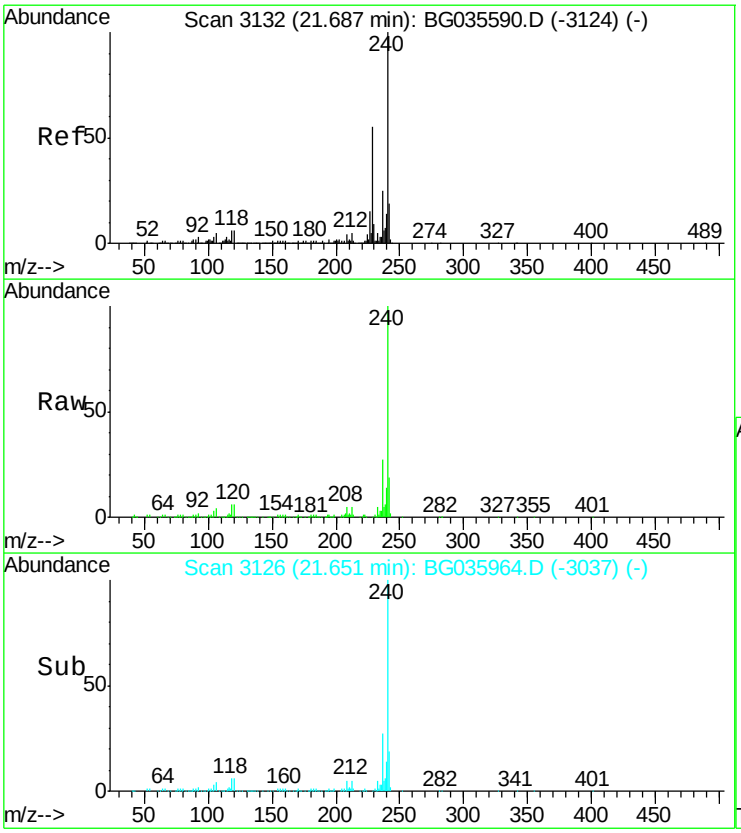


#66
4-Bromophenyl-phenylether
Concen: 4.558 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:248 Resp: 14126

Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.1	115.7#
141	467.0	50.8	76.2#

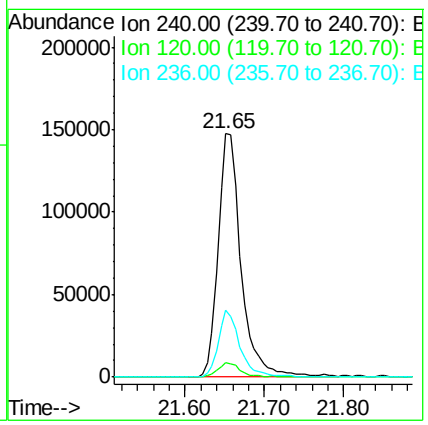


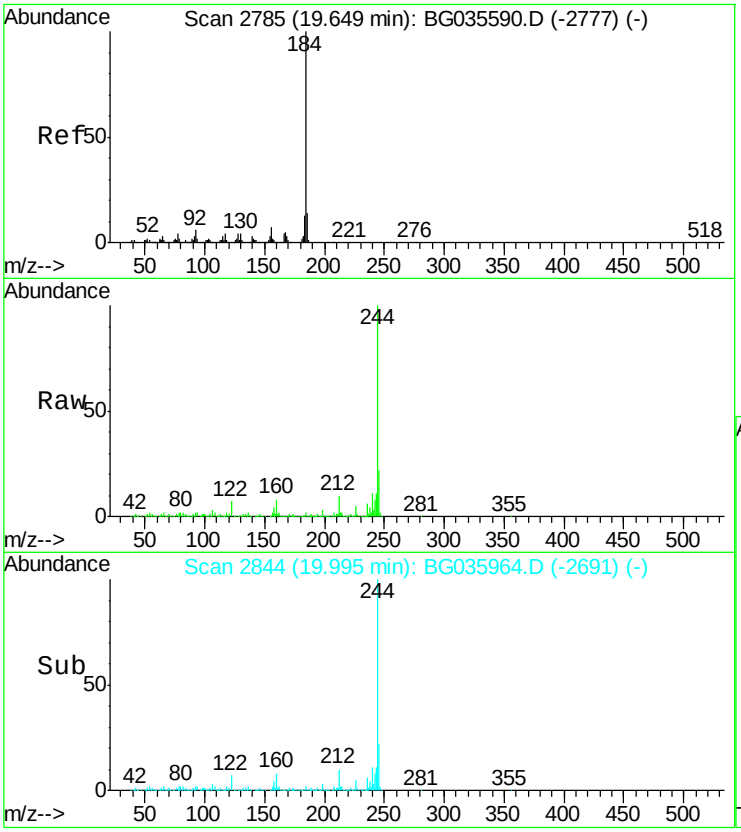


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:240 Resp: 296340

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	27.3	20.9	31.3

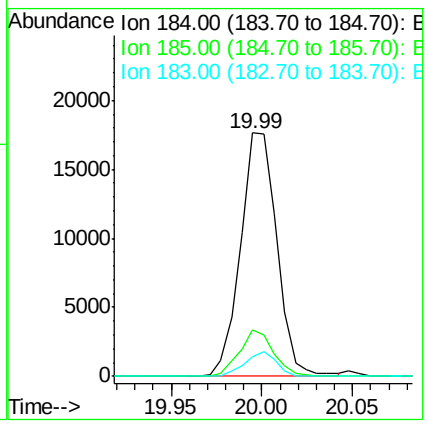


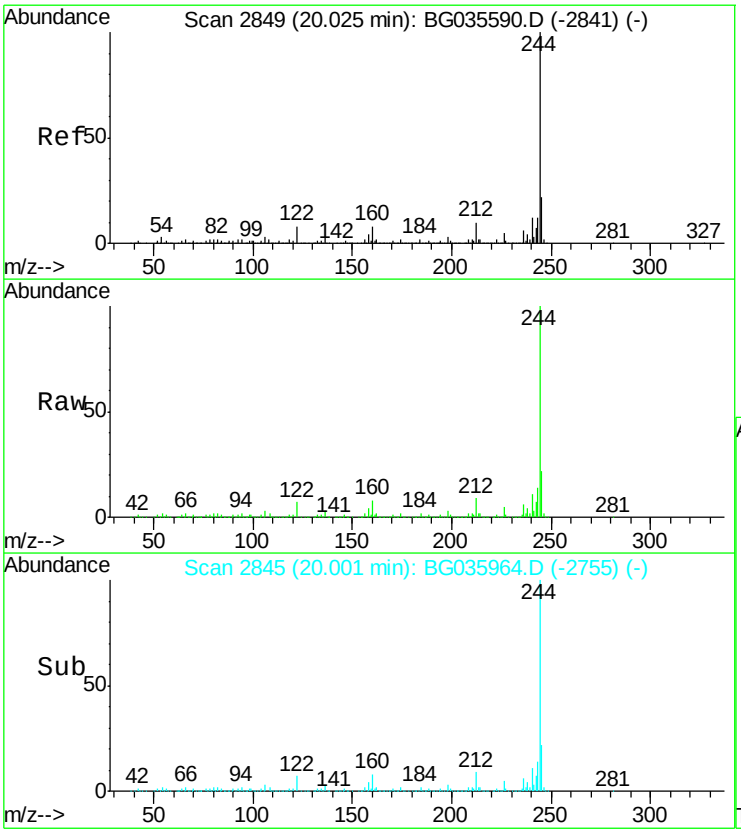


#76
Benzidine
Concen: 3.156 ng
RT: 19.99 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:184 Resp: 24588

Ion	Ratio	Lower	Upper
184	100		
185	19.0	11.1	16.7#
183	8.1	10.6	16.0#

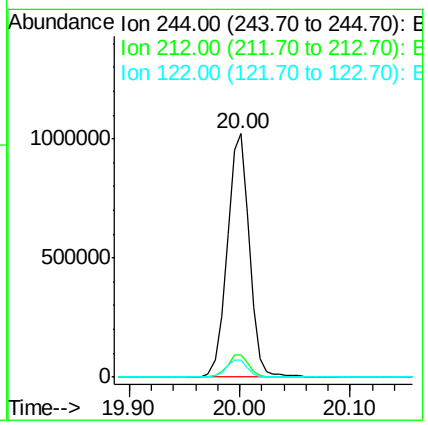


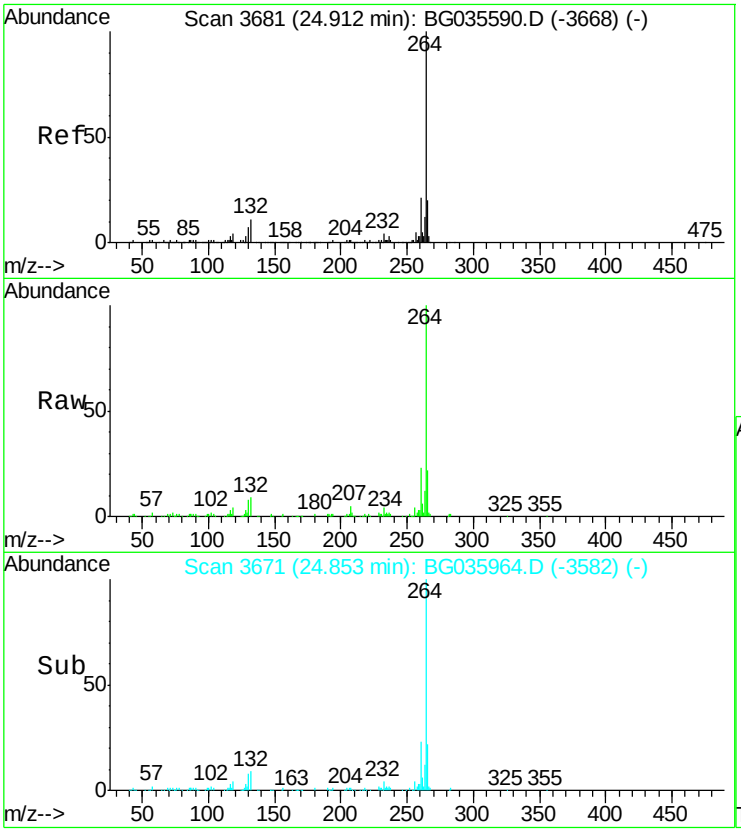


#78
Terphenyl-d14
Concen: 106.290 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:244 Resp: 1428938

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	7.0	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: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:264 Resp: 265179

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.1	17.7	26.5