Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
Data File : BG035960.D
Acq On : 28 Jul 2018 6:25
Operator : JU/SJ
Sample : J4189-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 30 00:36:55 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	8.03	152	32090	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	115811	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	88761	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	269620	20.00	ng		0.00
75) Chrysene-d12	21.65	240	301962	20.00	ng		0.00
86) Perylene-d12	24.86	264	277517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	259011	134.00	ng		0.00
7) Phenol-d6	7.19	99	346730	120.23	ng		0.00
23) Nitrobenzene-d5	9.18	82	275923	99.53	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	198028	169.27	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	665061	100.38	ng		0.00
78) Terphenyl-d14	20.00	244	1458702	106.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.18	70	37957	15.630	ng	#	70
31) Naphthalene	10.87	128	274570	45.514	ng		99
33) 4-Chloroaniline	10.87	127	36315	13.812	ng	#	34
50) 2,6-Dinitrotoluene	14.65	165	12310	7.773	ng	#	22
53) 2,4-Dinitrophenol	15.15	184	58	6.648	ng	#	1
55) 4-Nitrophenol	15.07	139	2503	2.171	ng	#	1
56) 2,4-Dinitrotoluene	14.65	165	12310	5.418	ng	#	20
66) 4-Bromophenyl-phenylether	16.13	248	16134	5.158	ng	#	1
76) Benzidine	20.00	184	26392	3.324	ng	#	94

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 30 Sample Multiplier: 1

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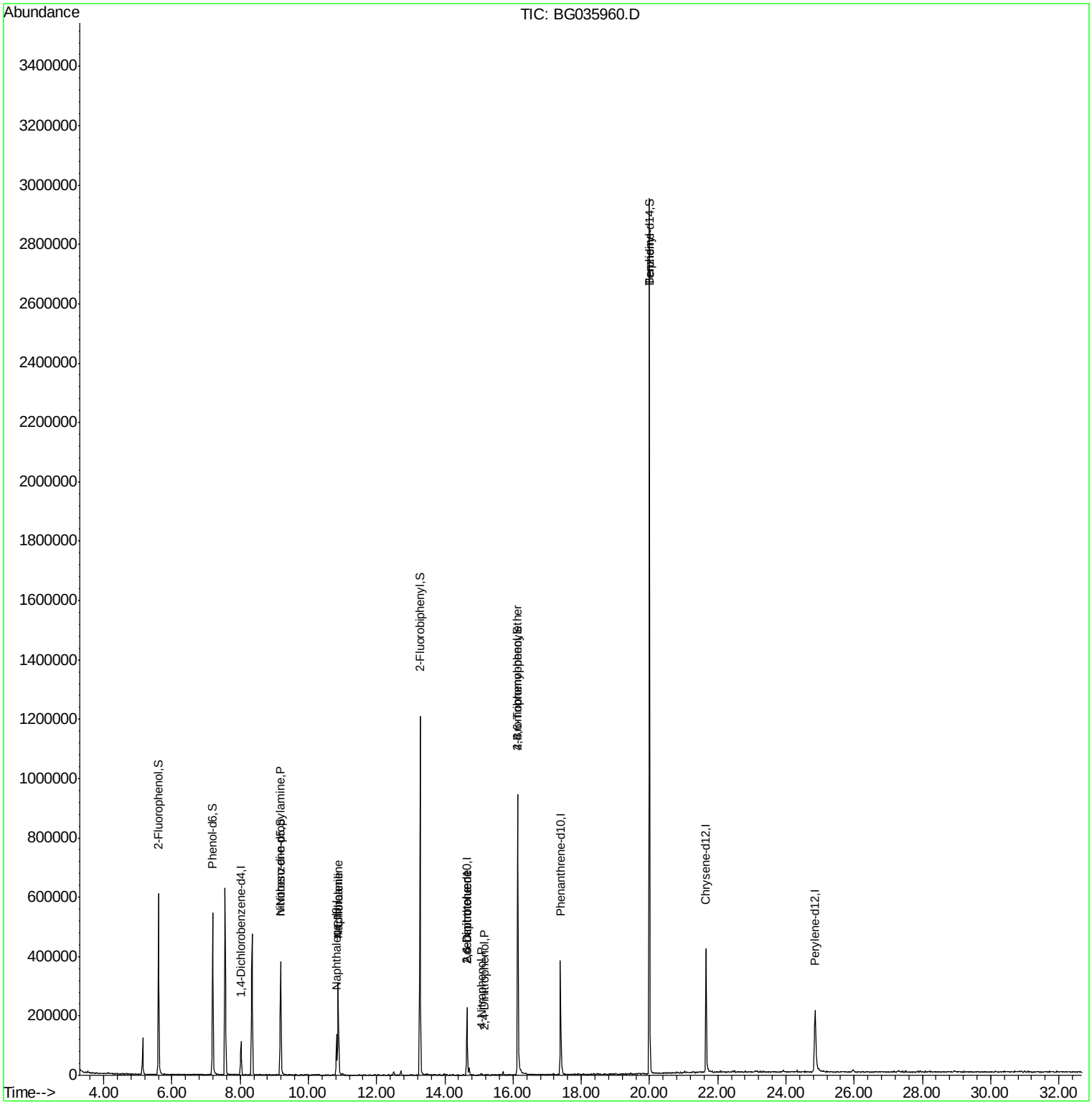
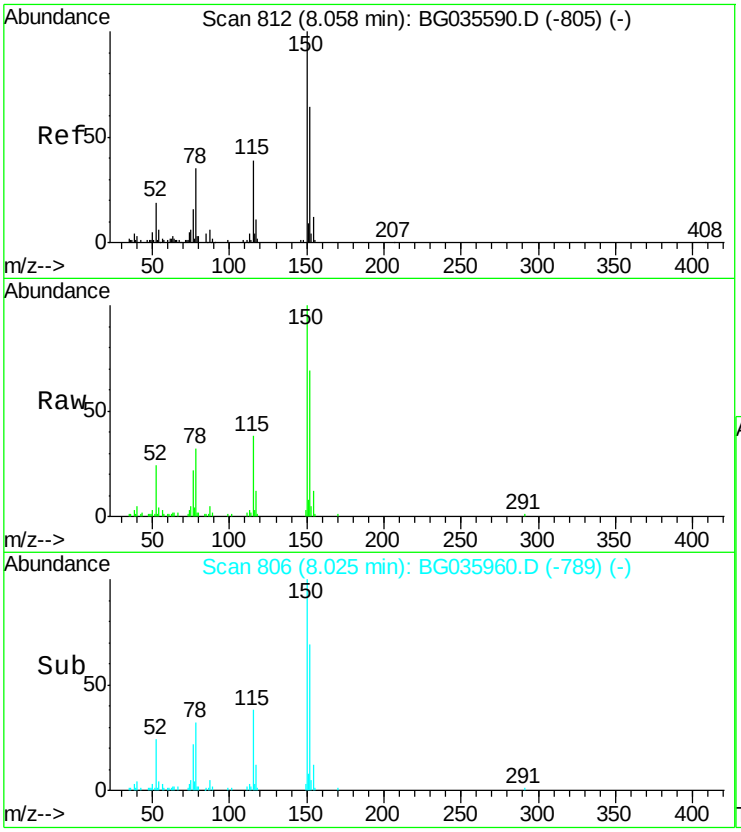
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

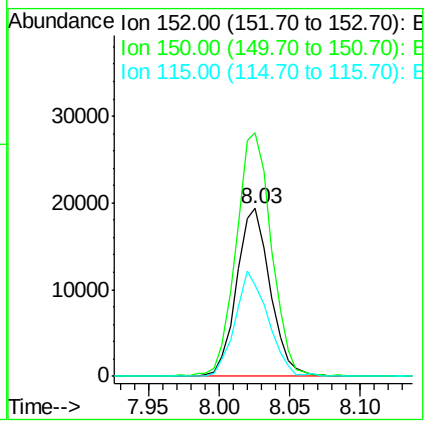


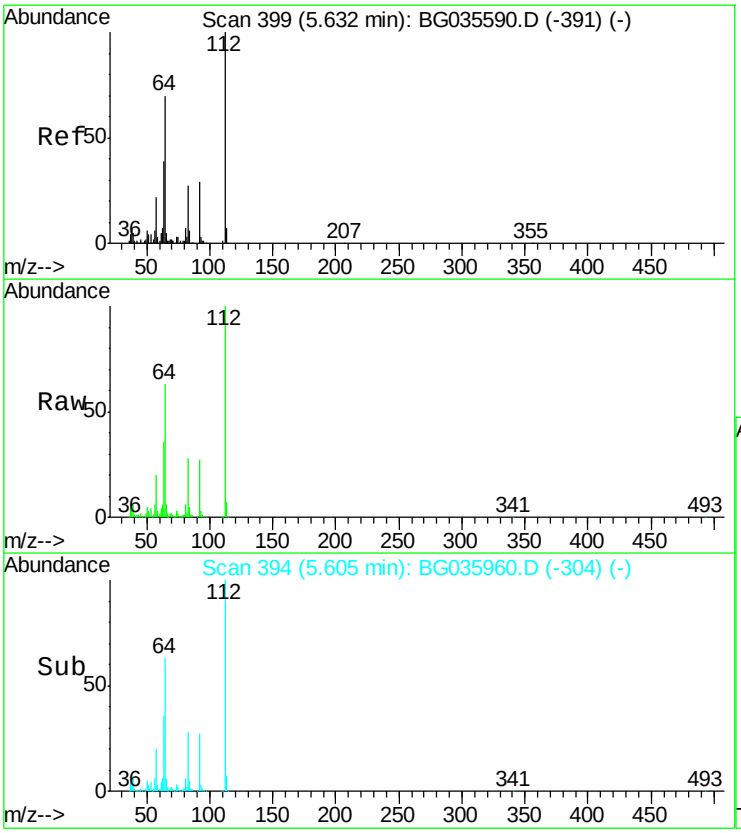


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:152 Resp: 32090

Ion	Ratio	Lower	Upper
152	100		
150	144.9	126.6	189.8
115	54.5	53.0	79.4

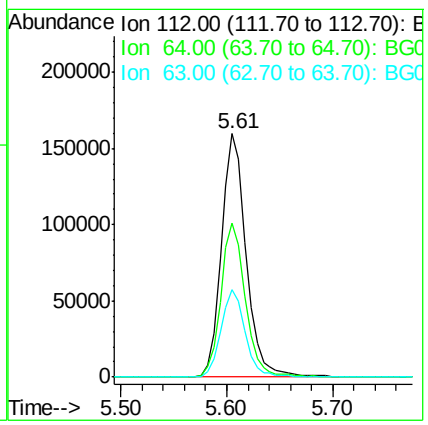


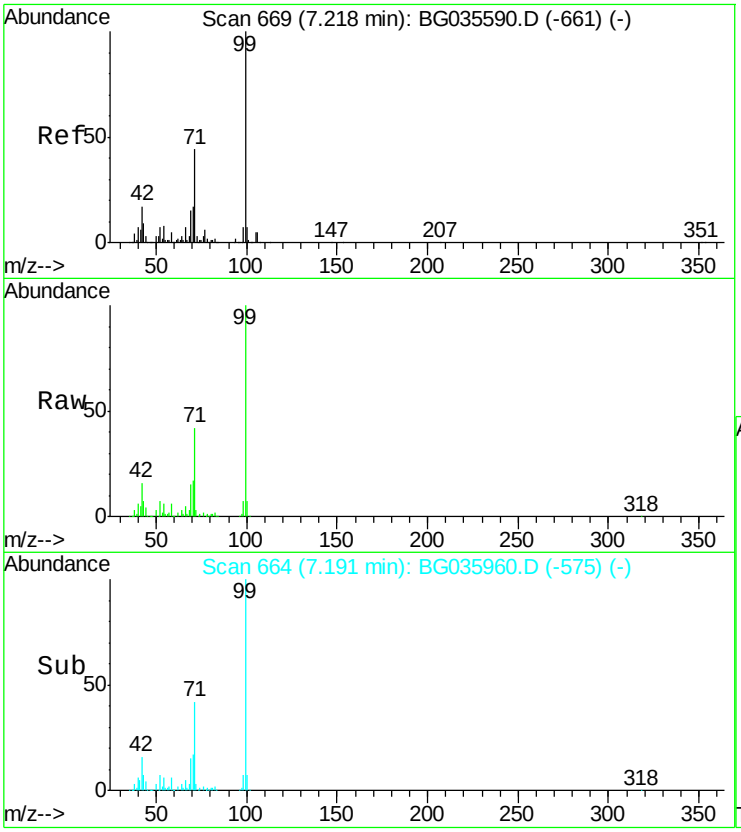


#5
2-Fluorophenol
Concen: 134.004 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:112 Resp: 259011

Ion	Ratio	Lower	Upper
112	100		
64	63.5	56.3	84.5
63	35.8	30.1	45.1

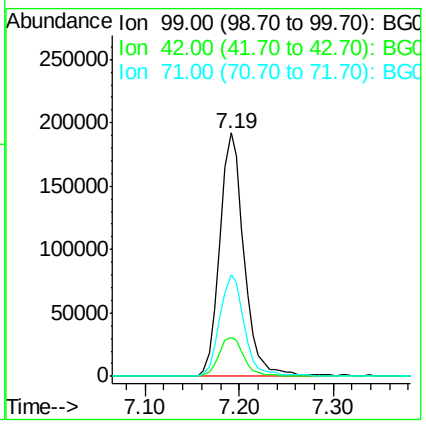


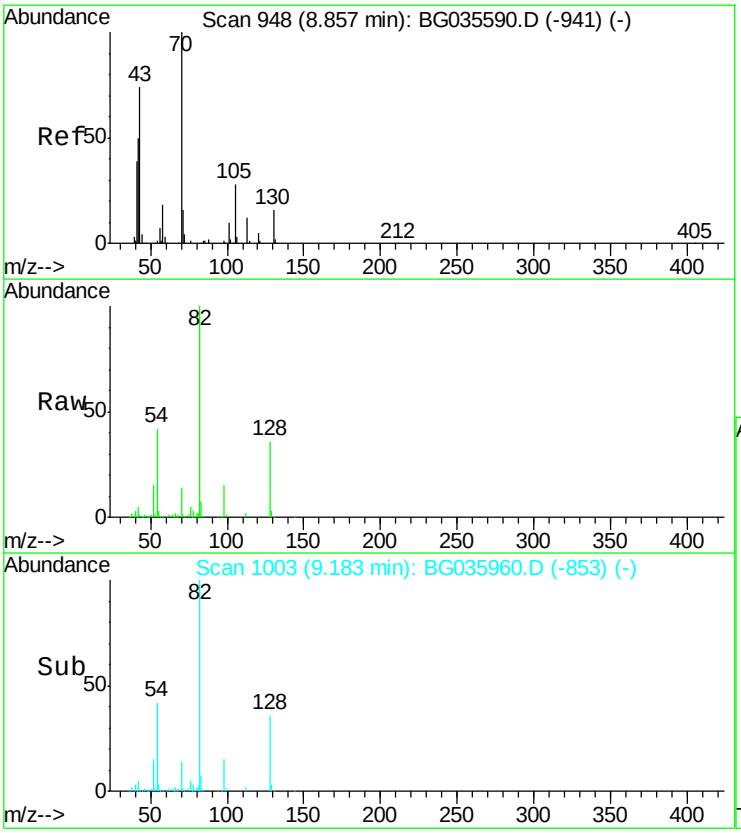


#7
Phenol-d6
Concen: 120.234 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion: 99 Resp: 346730

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	41.8	26.1	39.1#

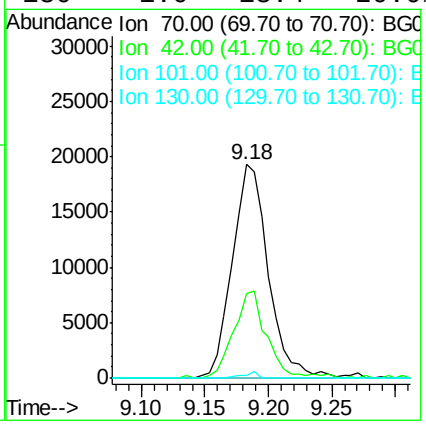


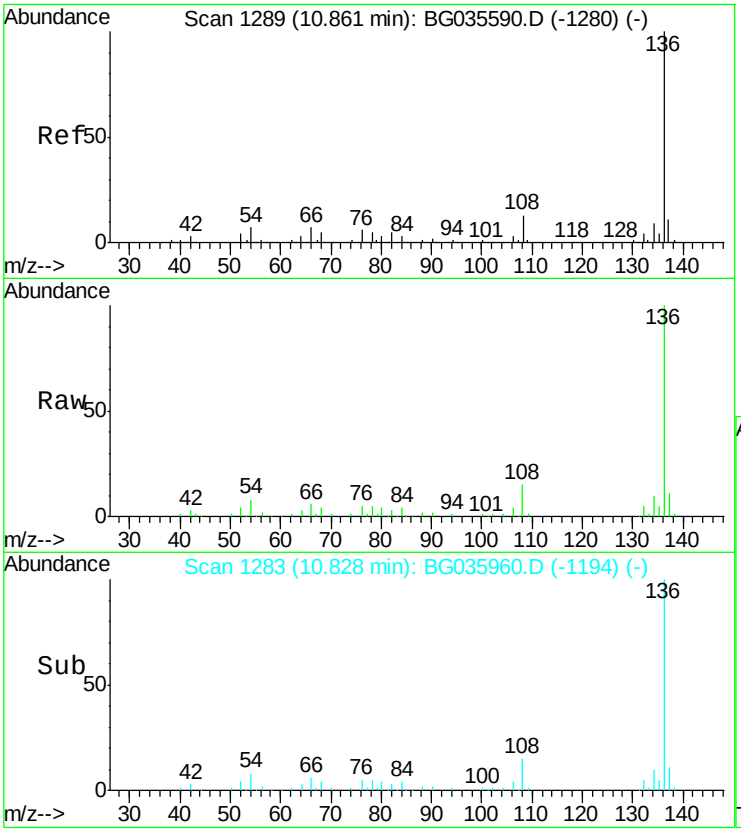


#19
n-Nitroso-di-n-propylamine
Concen: 15.630 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.35 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion: 70 Resp: 37957

Ion	Ratio	Lower	Upper
70	100		
42	39.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#

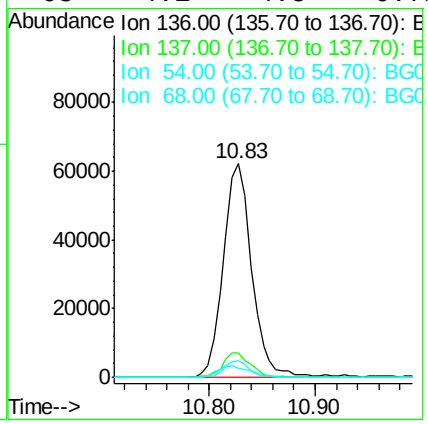


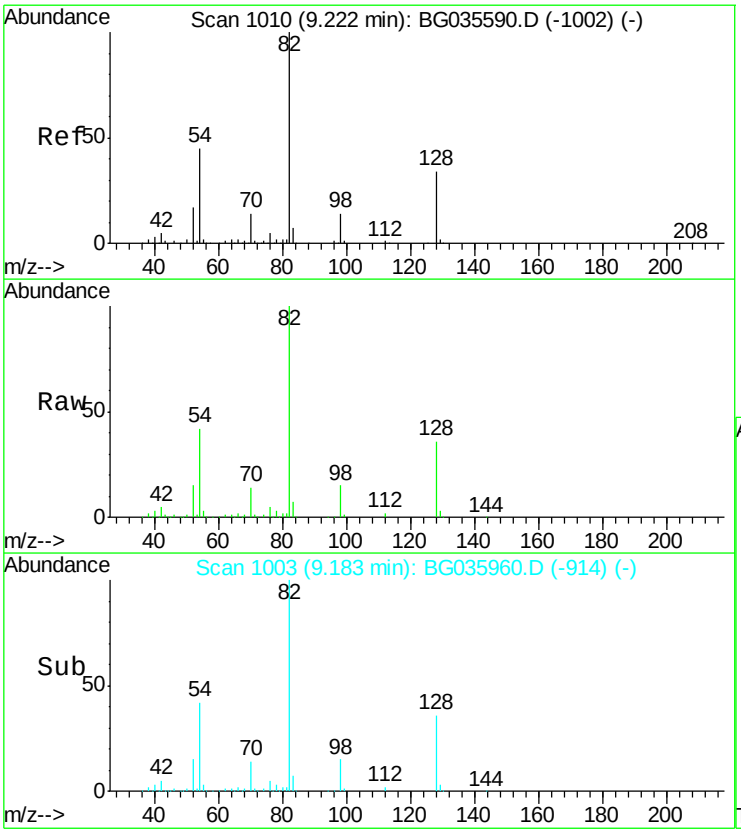


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:136 Resp: 115811

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.6	10.3	15.5#
68	4.1	4.5	6.7#

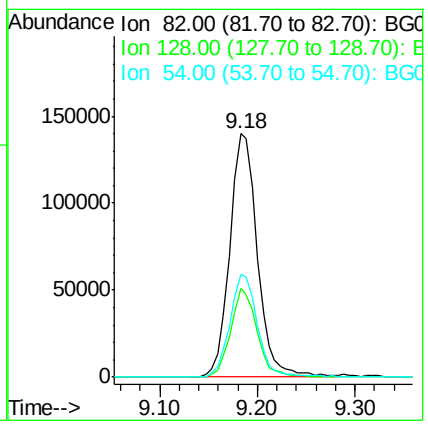


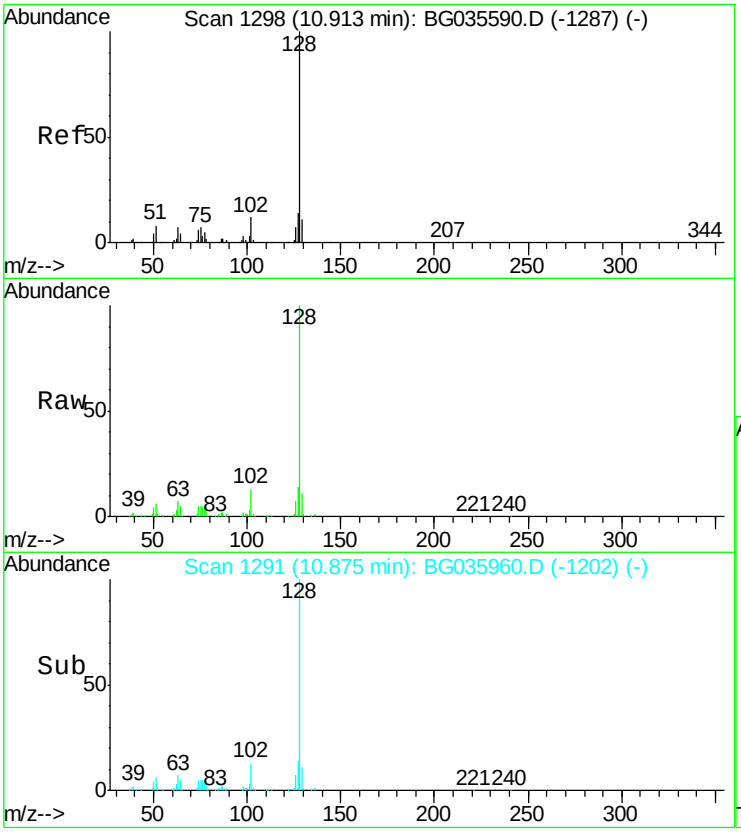


#23
Nitrobenzene-d5
Concen: 99.529 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion: 82 Resp: 275923

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	42.1	43.1	64.7#

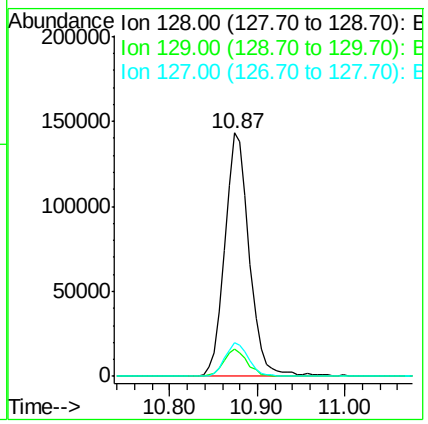


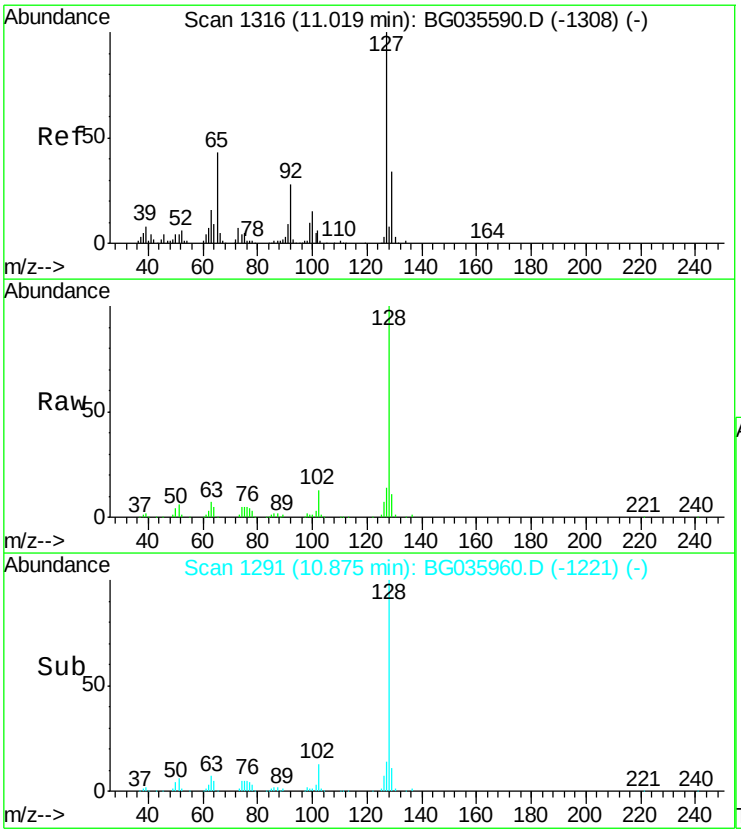


#31
Naphthalene
Concen: 45.514 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:128 Resp: 274570

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.8	11.6	17.4

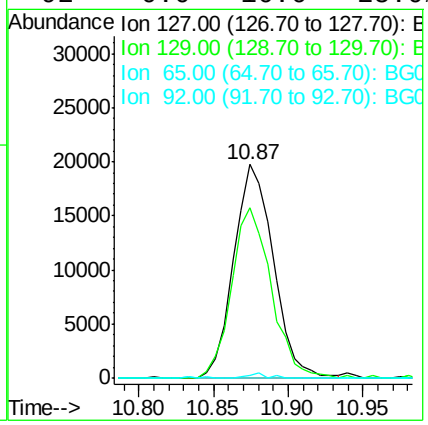


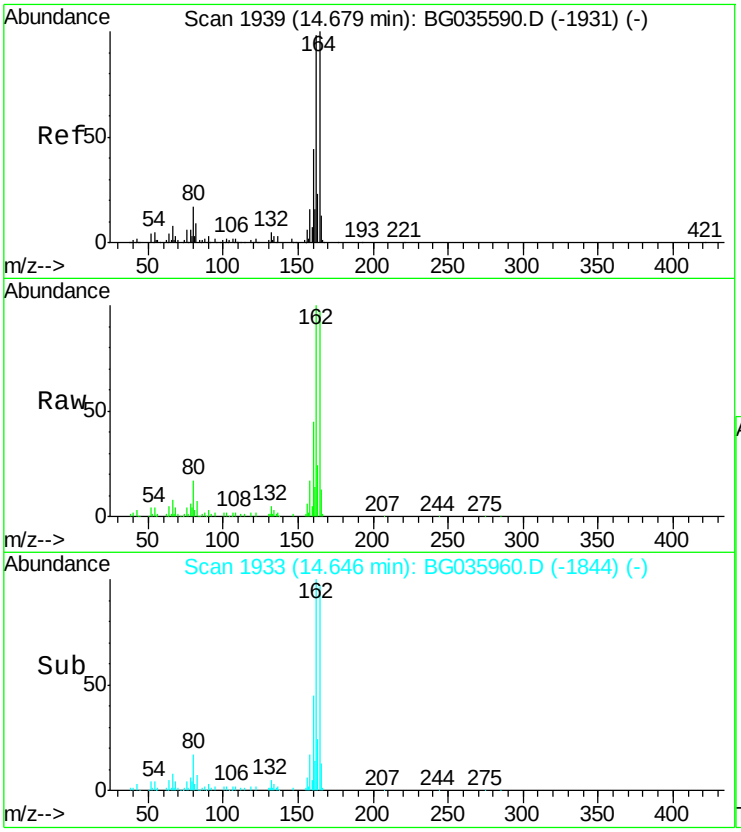


#33
4-Chloroaniline
Concen: 13.812 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.12 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:127 Resp: 36315

Ion	Ratio	Lower	Upper
127	100		
129	79.7	24.0	36.0#
65	1.4	27.0	40.4#
92	0.0	16.6	25.0#

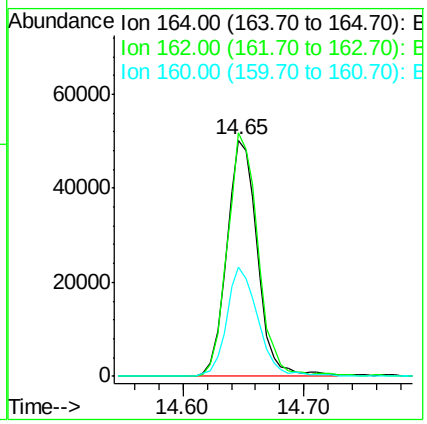


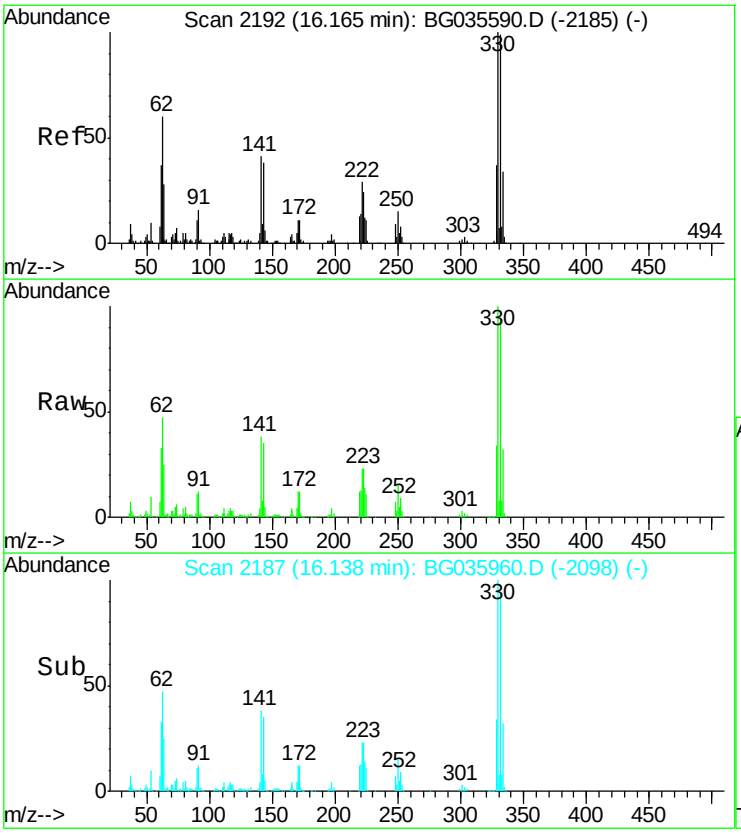


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:164 Resp: 88761

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	45.9	35.4	53.0

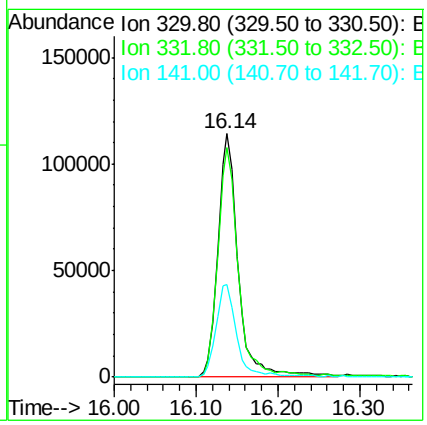


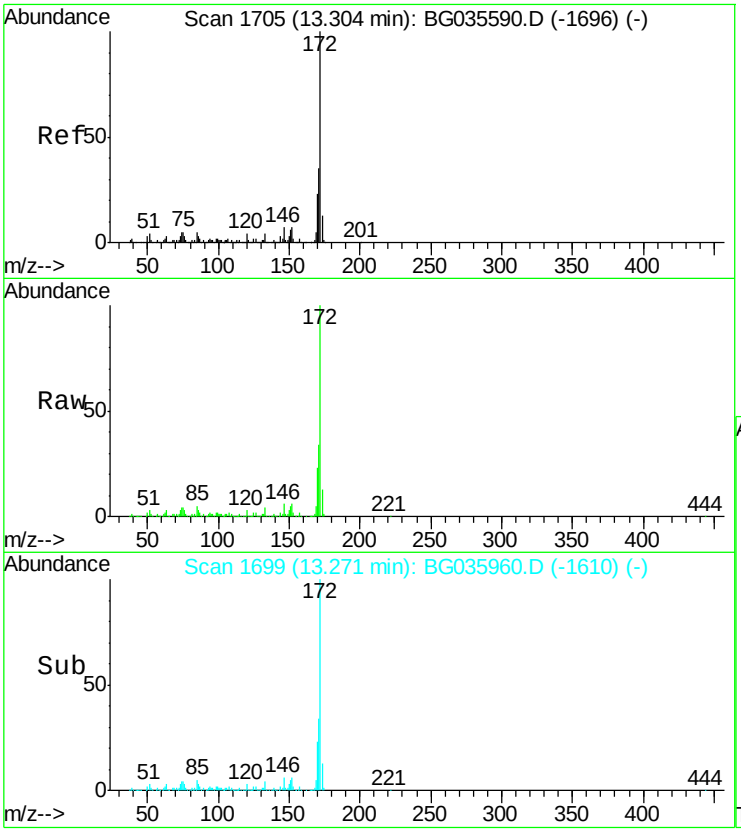


#41
2,4,6-Tribromophenol
Concen: 169.265 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:330 Resp: 198028

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	38.6	25.2	37.8#

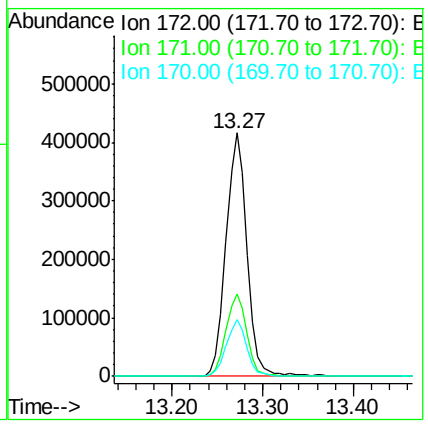


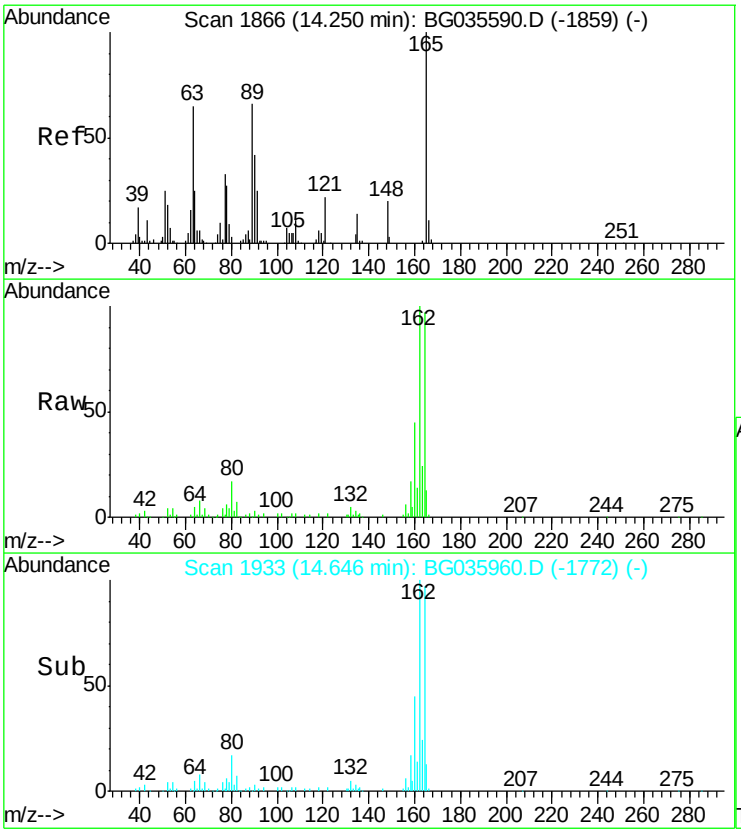


#44
2-Fluorobiphenyl
Concen: 100.383 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:172 Resp: 665061

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.5	19.5	29.3

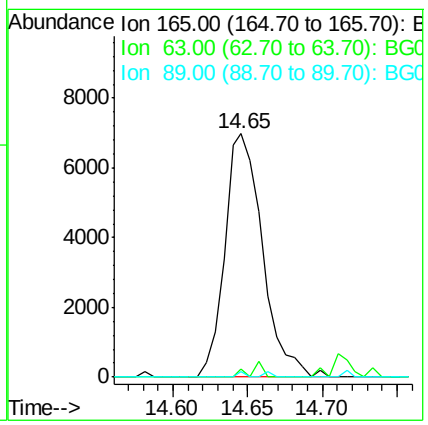


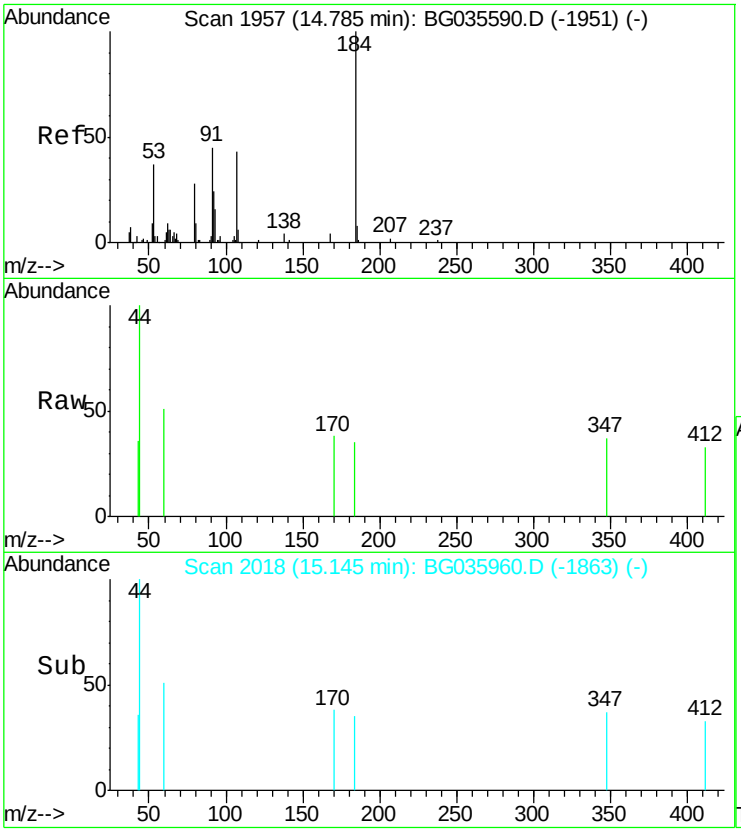


#50
2,6-Dinitrotoluene
Concen: 7.773 ng
RT: 14.65 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:165 Resp: 12310

Ion	Ratio	Lower	Upper
165	100		
63	3.3	52.7	79.1#
89	2.5	49.2	73.8#

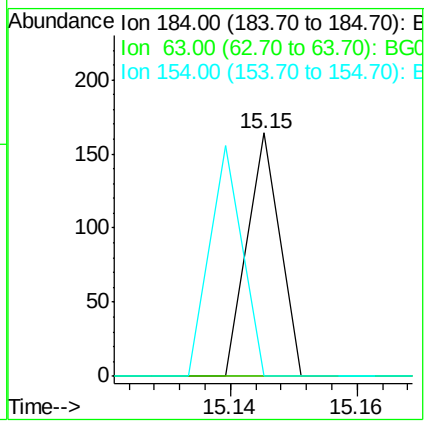


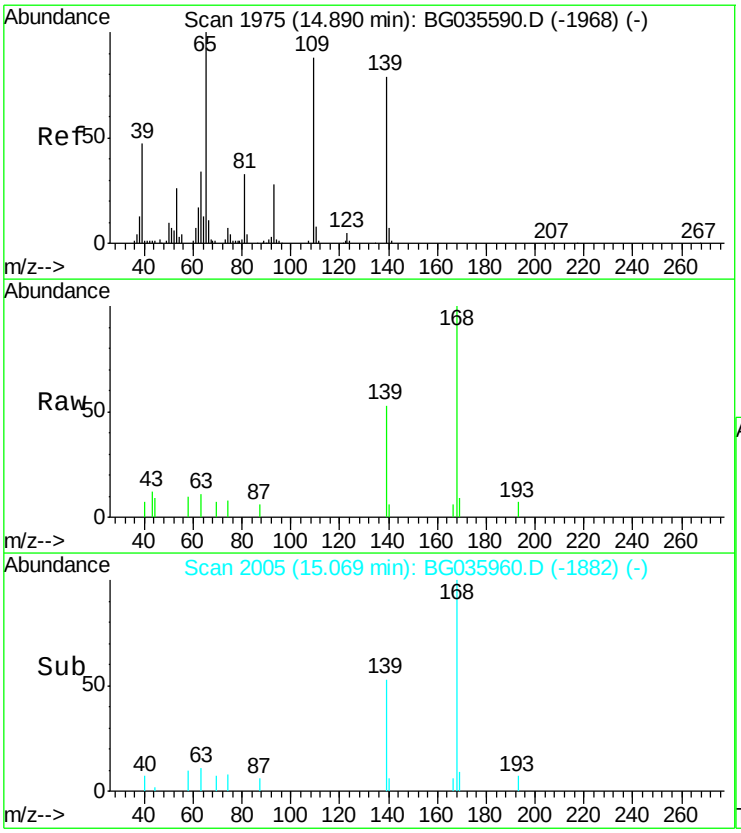


#53
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.38 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

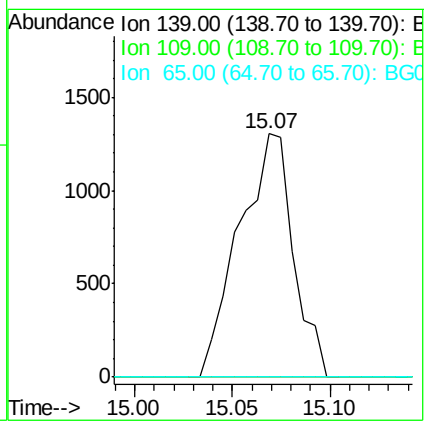


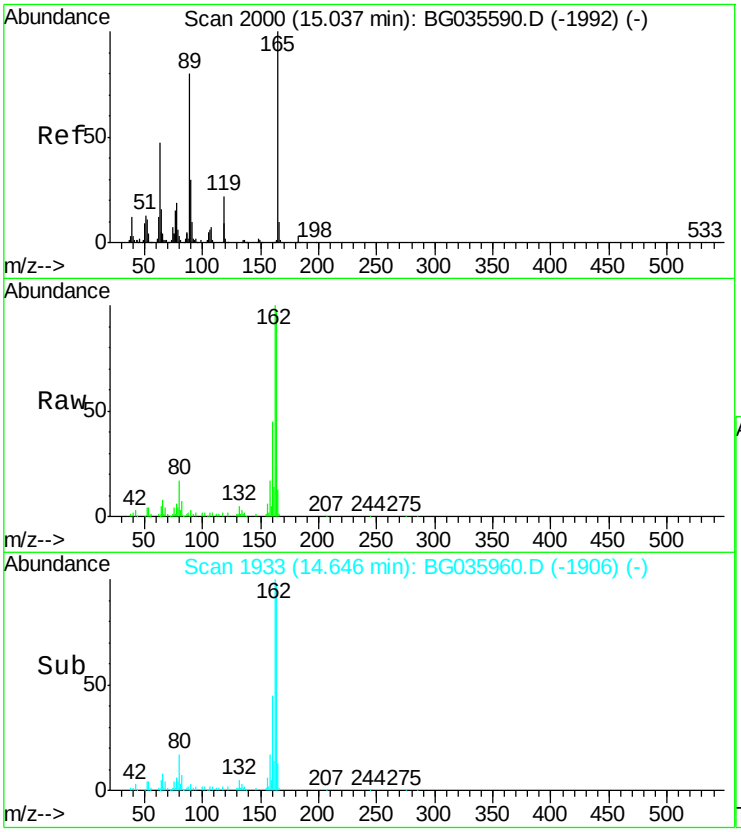


#55
4-Nitrophenol
Concen: 2.171 ng
RT: 15.07 min Scan# 2005
Delta R.T. 0.19 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:139 Resp: 2503

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

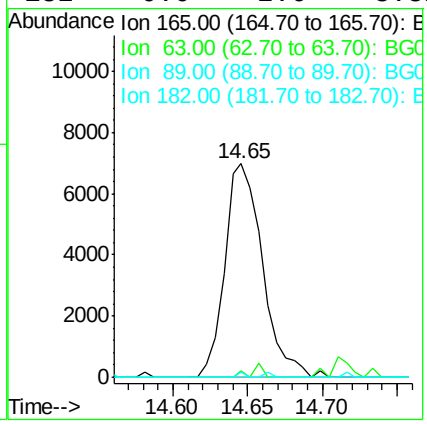


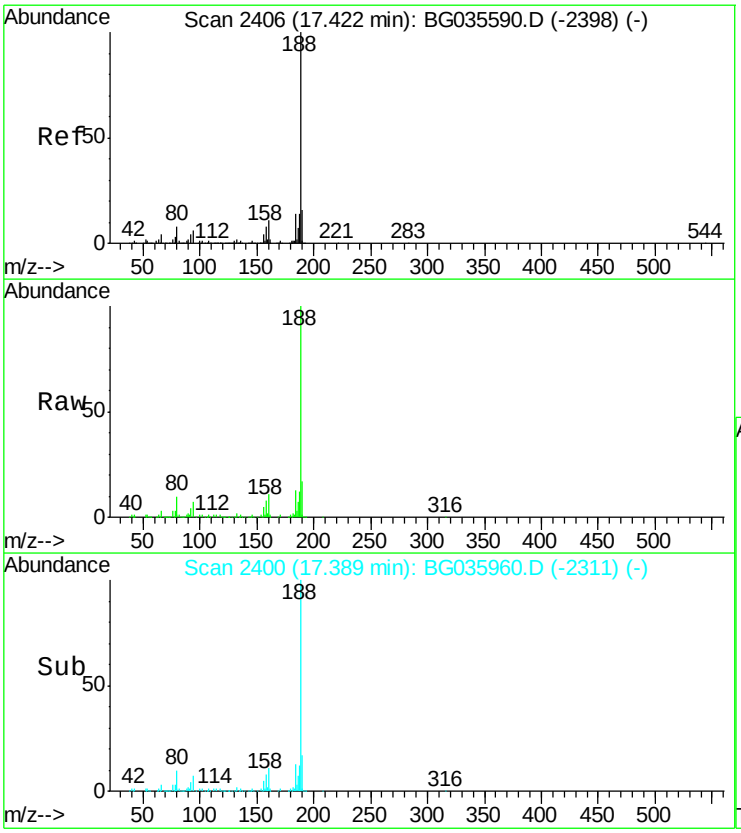


#56
2,4-Dinitrotoluene
Concen: 5.418 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:165 Resp: 12310

Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	2.5	66.9	100.3#
182	0.0	2.6	3.8#

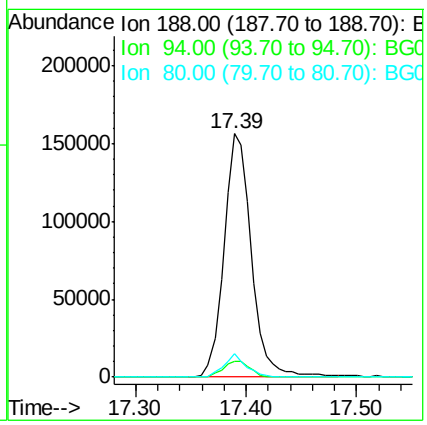


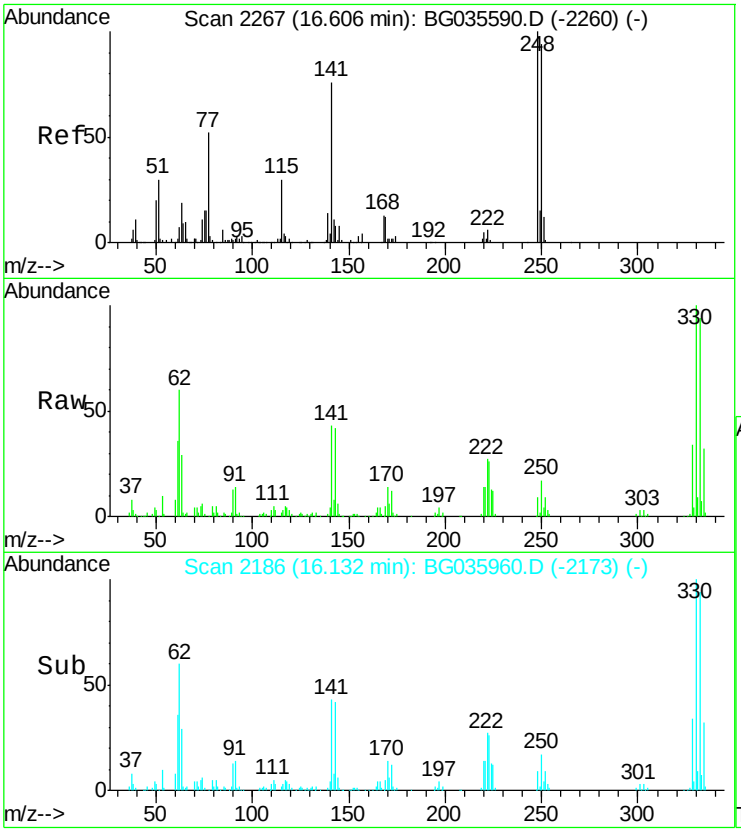


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:188 Resp: 269620

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	9.6	7.7	11.5

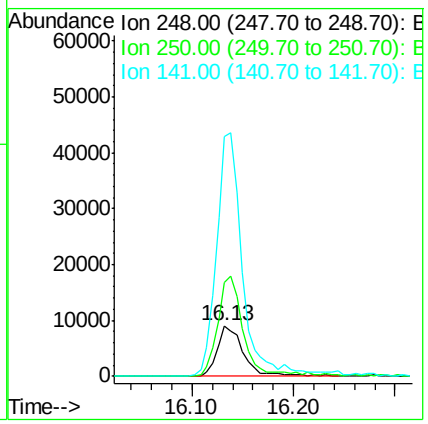


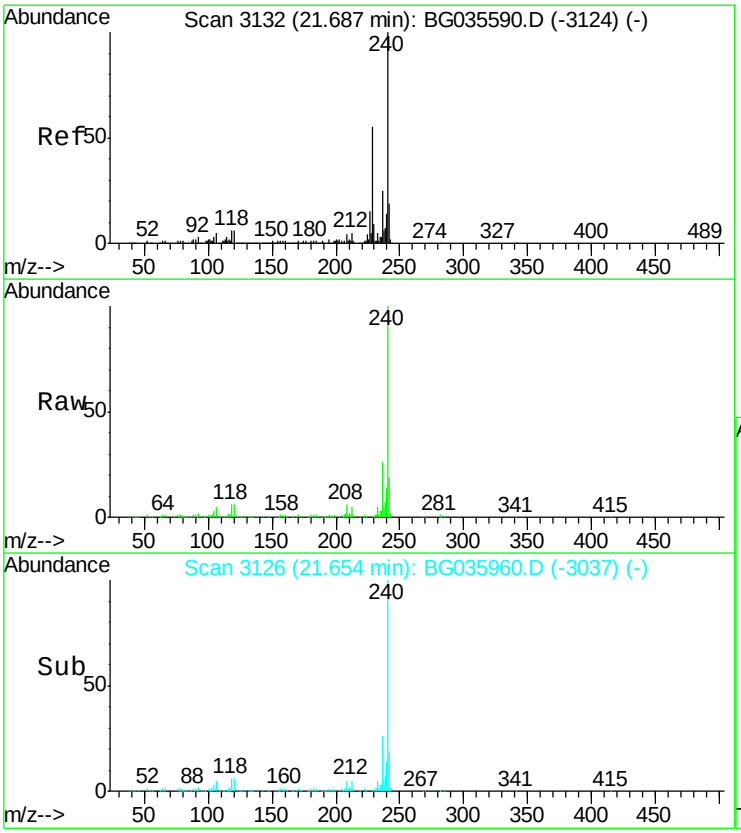


#66
4-Bromophenyl-phenylether
Concen: 5.158 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:248 Resp: 16134

Ion	Ratio	Lower	Upper
248	100		
250	184.9	77.1	115.7#
141	475.7	50.8	76.2#

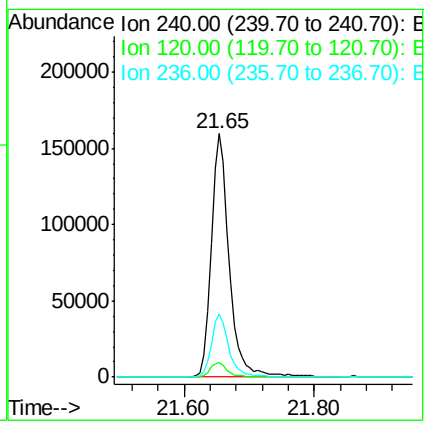


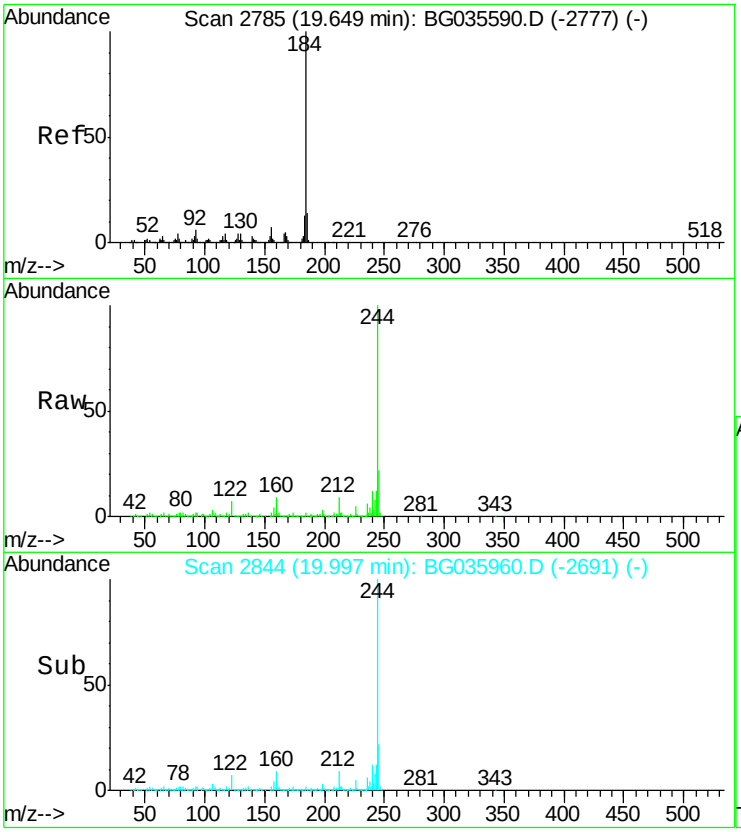


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:240 Resp: 301962

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.9	20.9	31.3

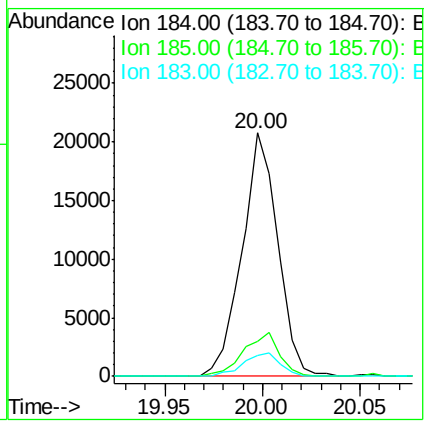


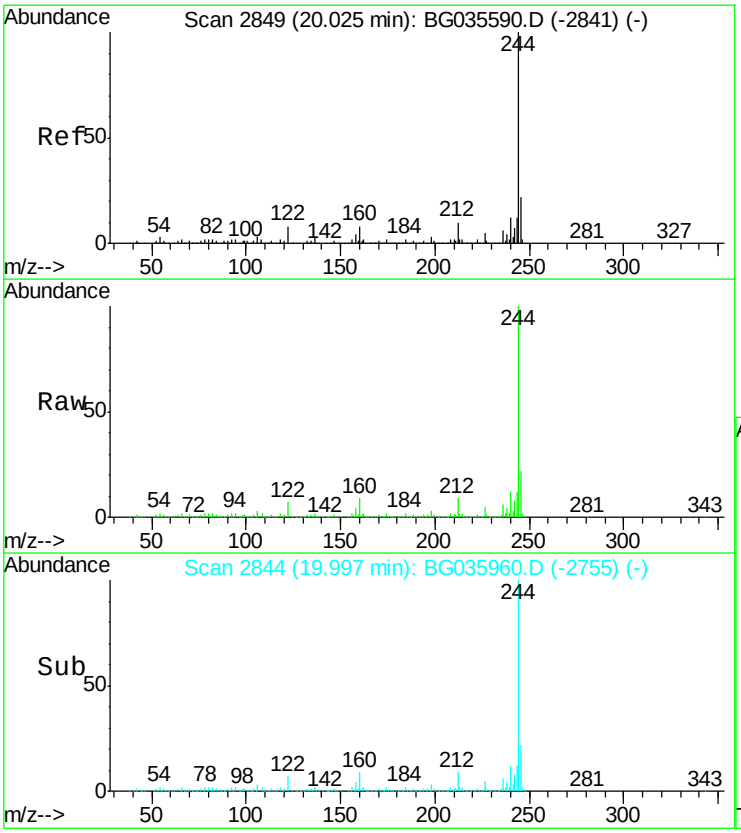


#76
Benzidine
Concen: 3.324 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:184 Resp: 26392

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	8.5	10.6	16.0#

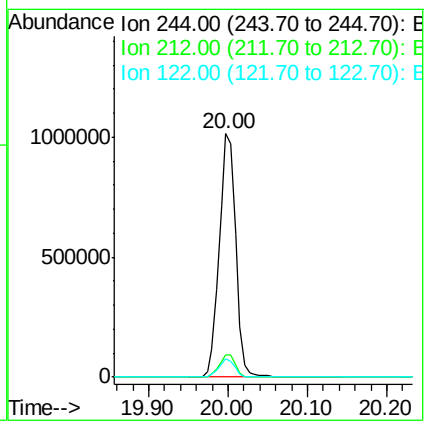


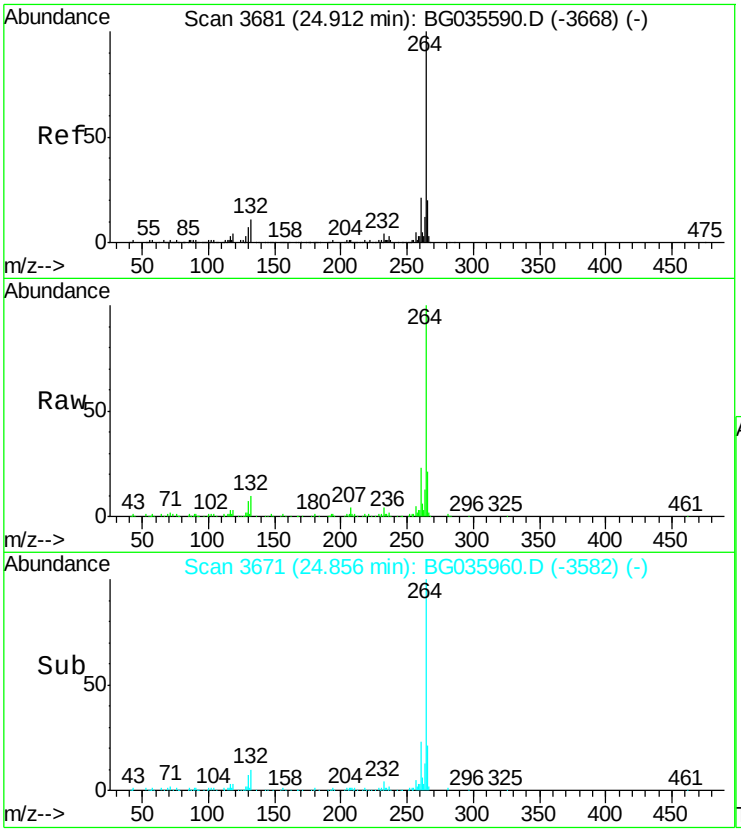


#78
Terphenyl-d14
Concen: 106.484 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:244 Resp: 1458702

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:264 Resp: 277517

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.3	17.7	26.5