Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
Data File : BG034780.D
Acq On : 29 May 2018 17:01
Operator : SJ/JU
Sample : PB109739TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 04:37:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 25 14:58:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82842	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	304037	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	201889	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	542534	20.00	ng	0.00
75) Chrysene-d12	21.72	240	675132	20.00	ng	-0.01
86) Perylene-d12	24.99	264	680718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	711878	132.35	ng	0.00
7) Phenol-d6	7.21	99	982836	112.96	ng	0.00
23) Nitrobenzene-d5	9.20	82	596088	74.89	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	454479	130.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1295236	87.10	ng	0.00
78) Terphenyl-d14	20.06	244	2655210	86.25	ng	0.00
Target Compounds						Qvalue

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

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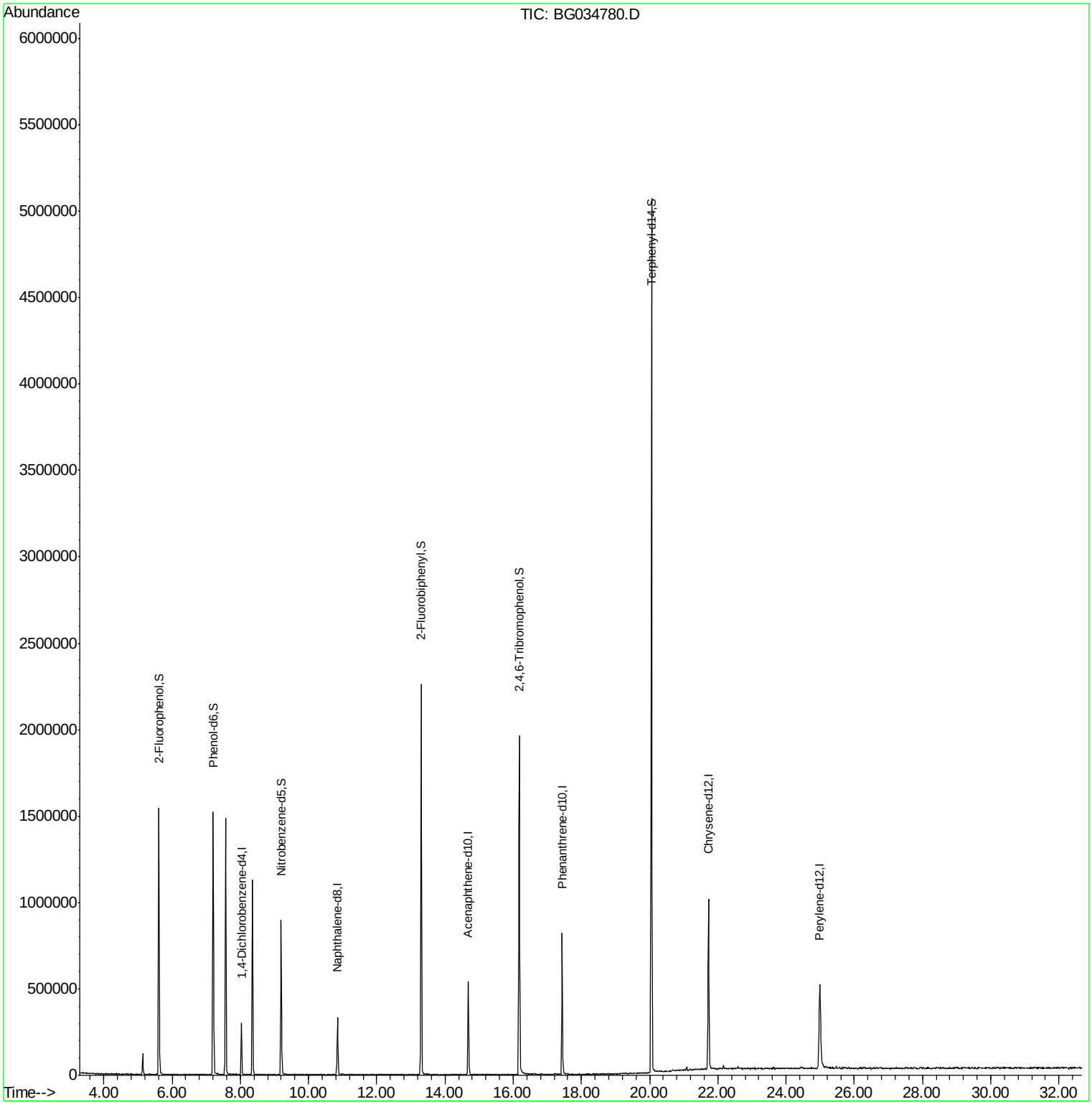
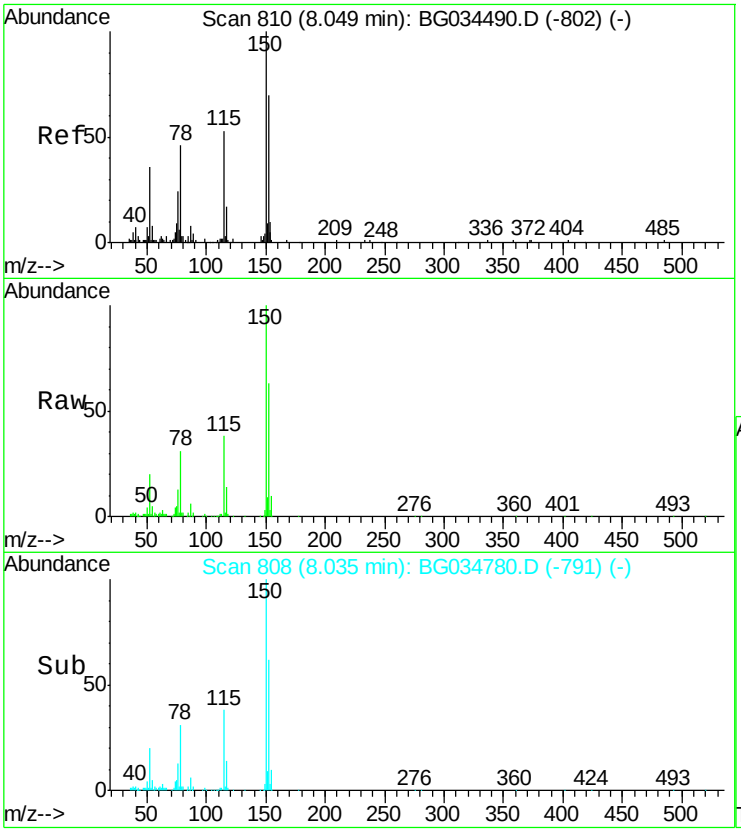
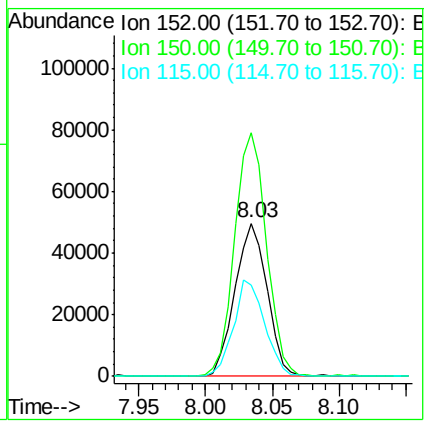


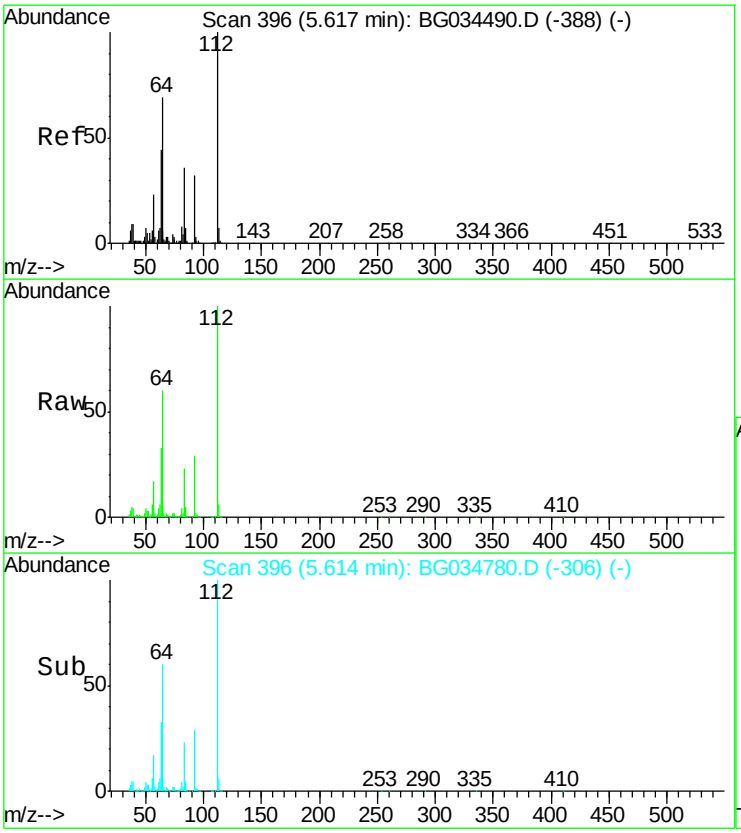


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:152 Resp: 82842

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	60.1	53.0	79.4

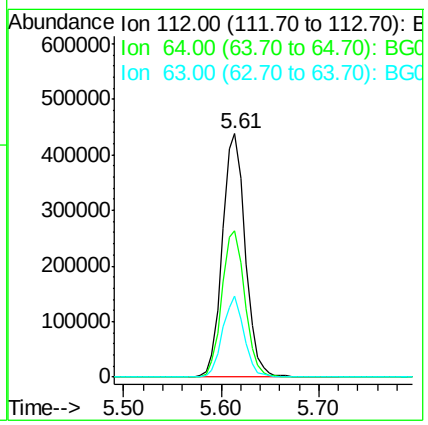


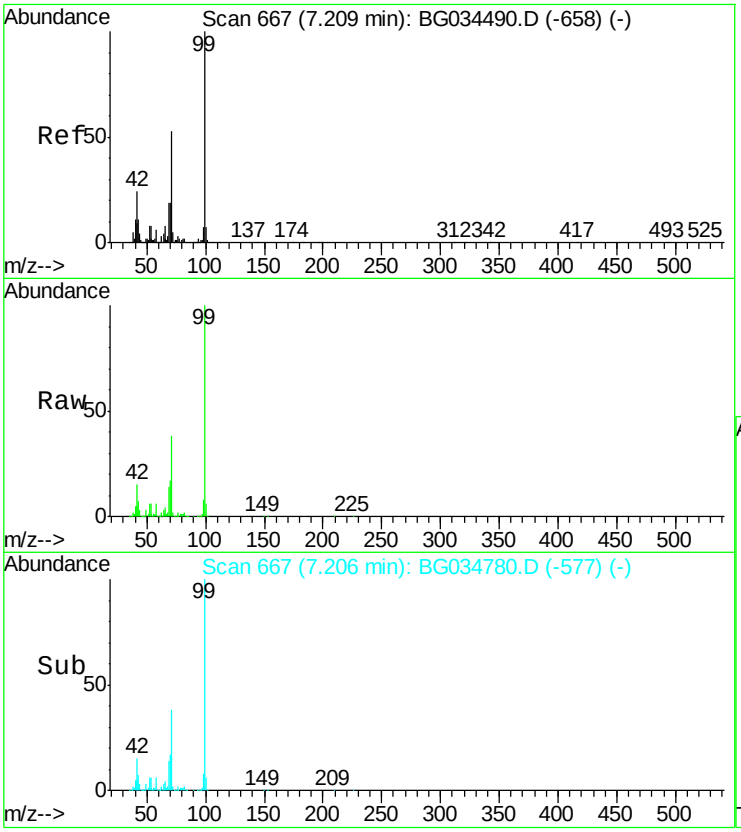


#5
2-Fluorophenol
Concen: 132.355 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:112 Resp: 711878

Ion	Ratio	Lower	Upper
112	100		
64	60.1	56.3	84.5
63	33.1	30.1	45.1

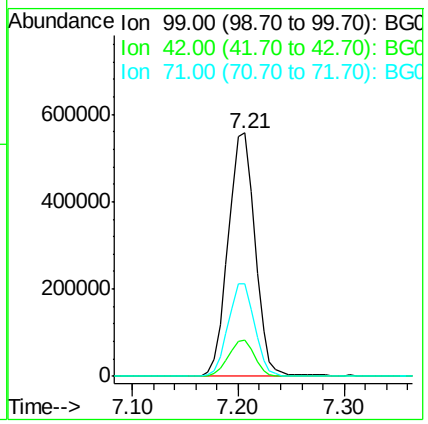


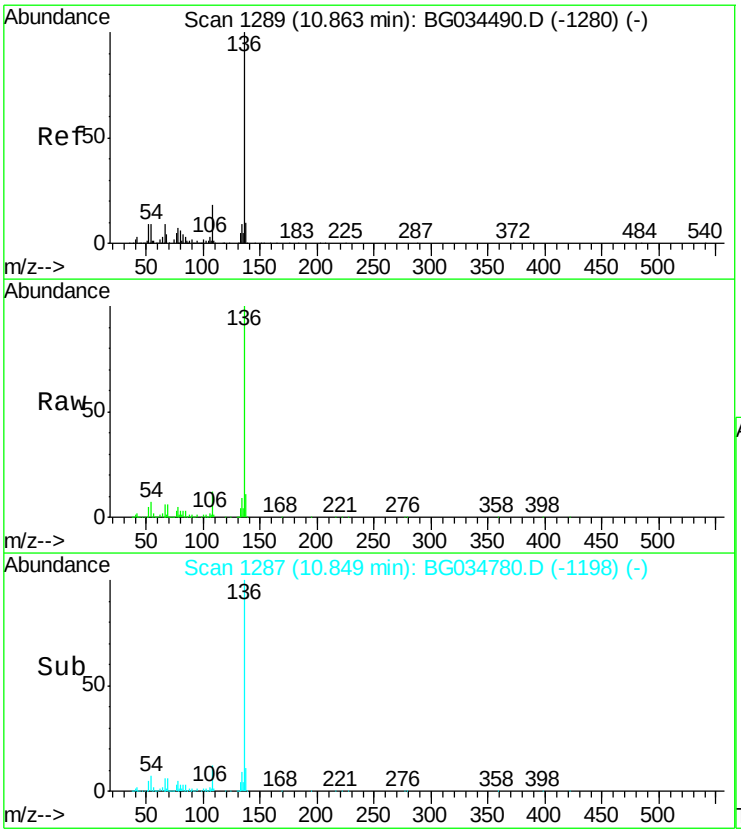


#7
Phenol-d6
Concen: 112.959 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion: 99 Resp: 982836

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	38.1	26.1	39.1

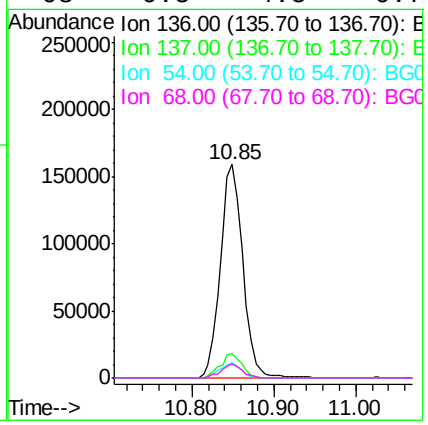


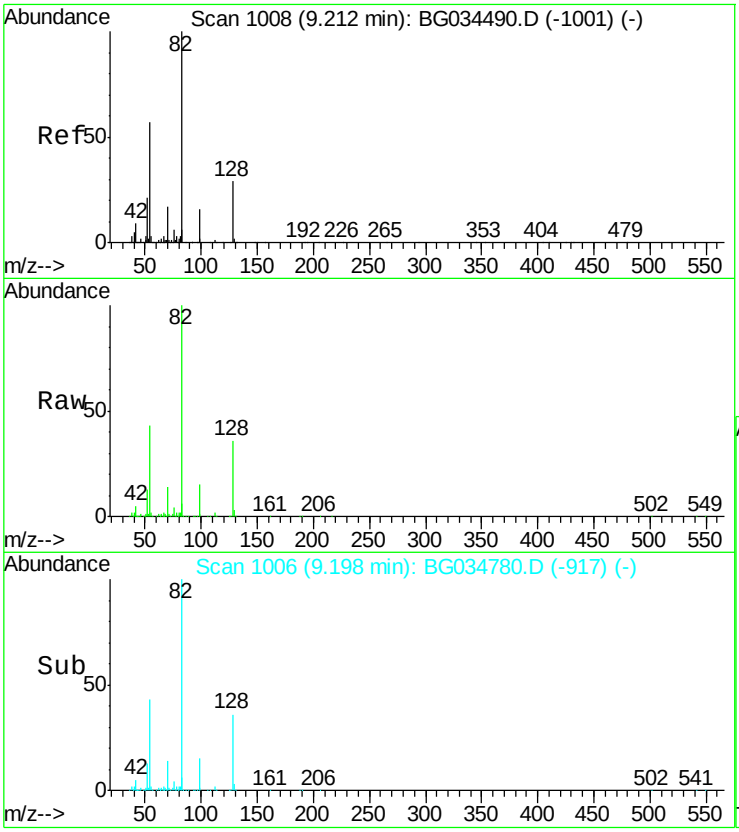


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:136 Resp: 304037

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.2	10.3	15.5#
68	6.5	4.5	6.7

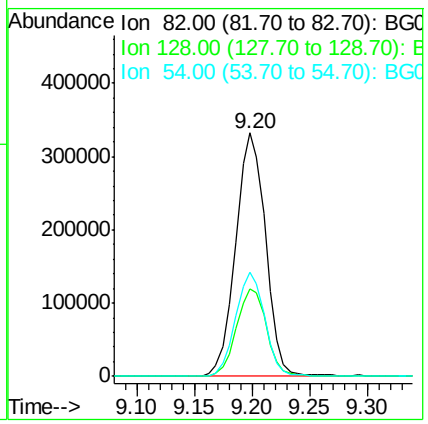


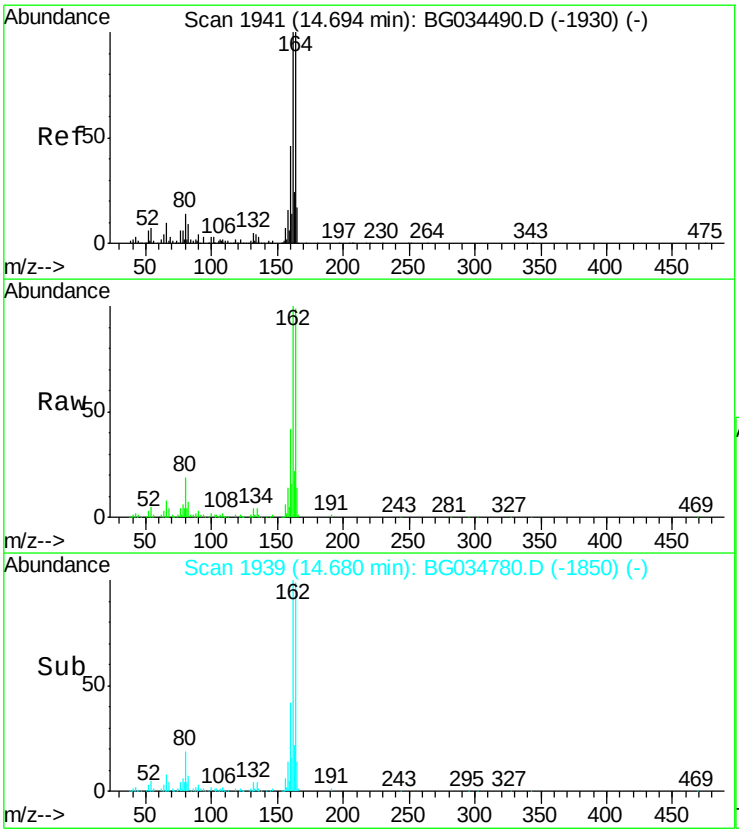


#23
Nitrobenzene-d5
Concen: 74.895 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion: 82 Resp: 596088

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	42.9	43.1	64.7#

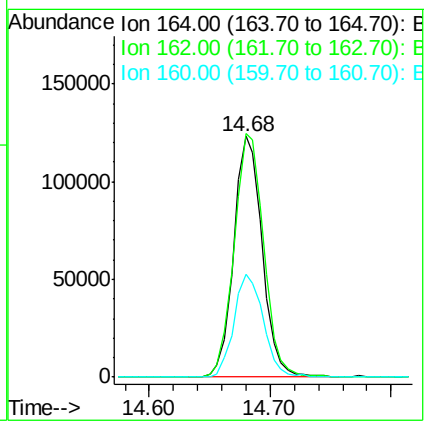


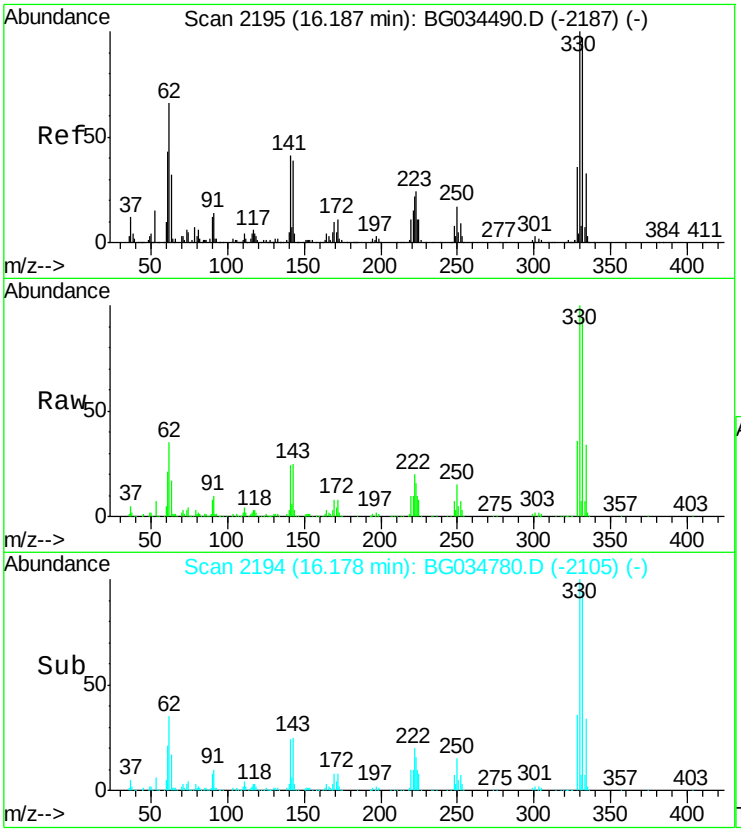


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:164 Resp: 201889

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	42.9	35.4	53.0

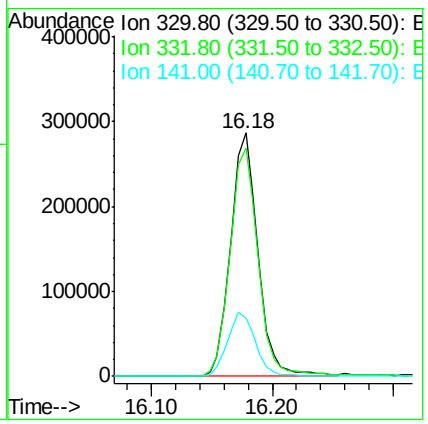


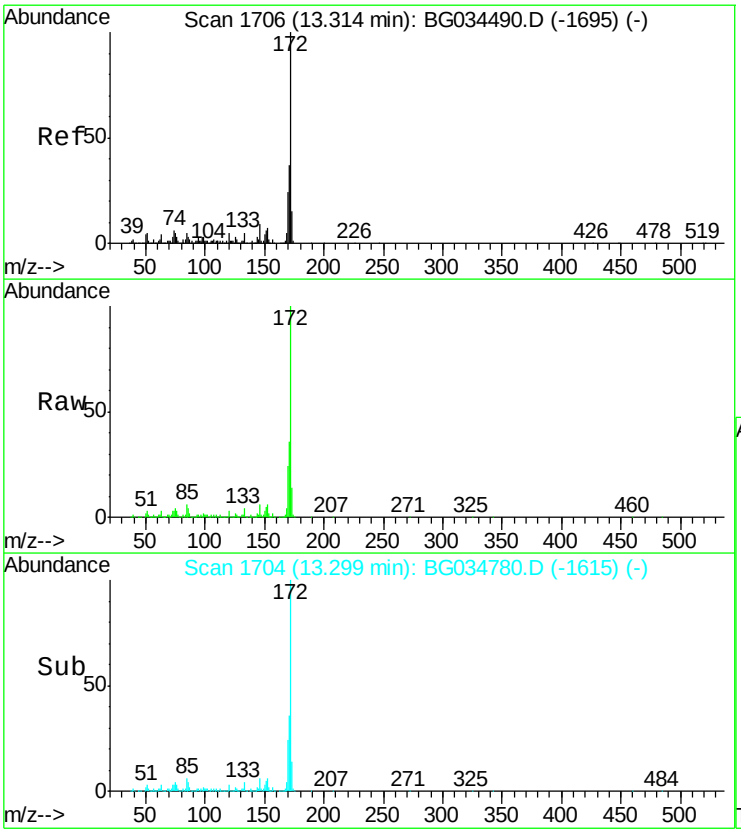


#41
2,4,6-Tribromophenol
Concen: 130.707 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:330 Resp: 454479

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.8	25.2	37.8

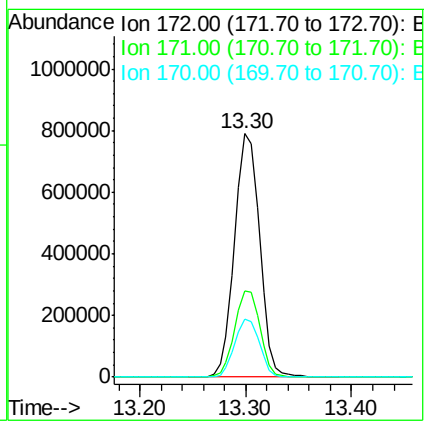


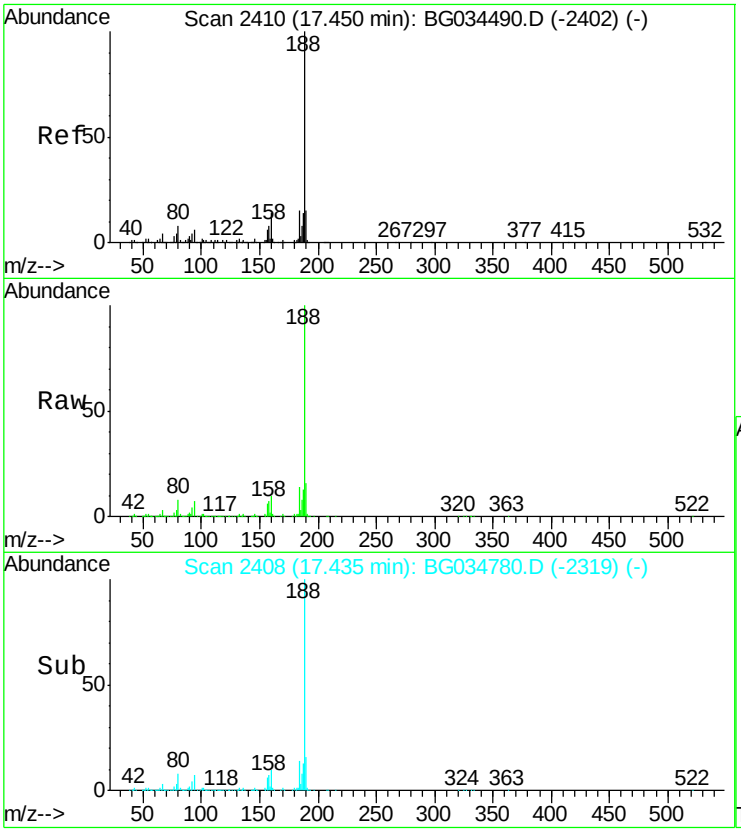


#44
2-Fluorobiphenyl
Concen: 87.099 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:172 Resp: 1295236

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.8	19.5	29.3

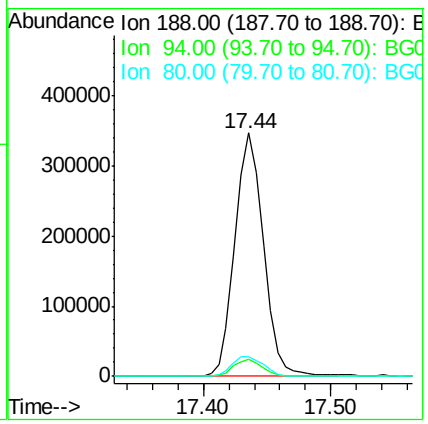


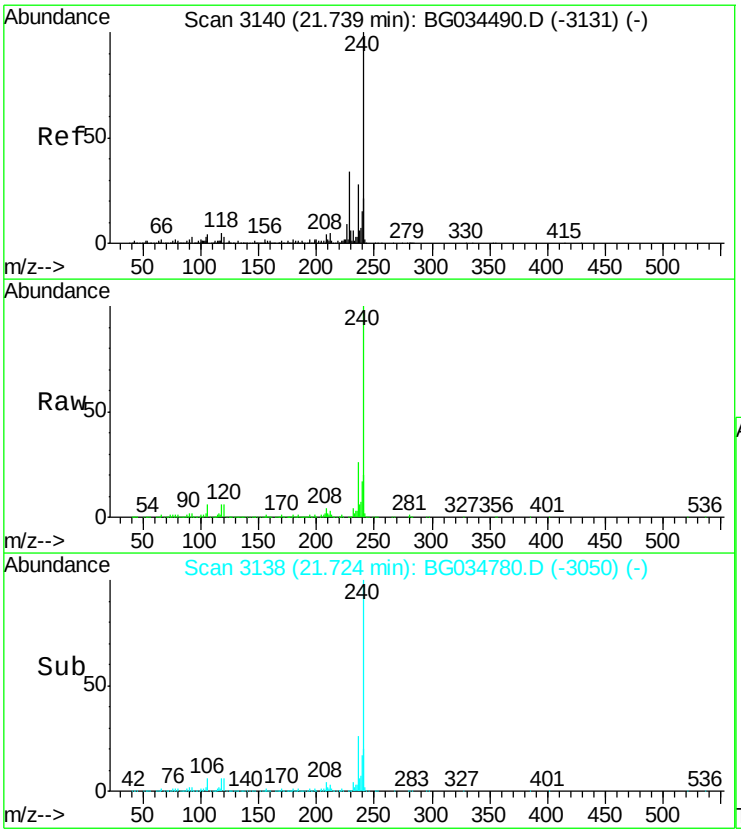


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:188 Resp: 542534

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.9	7.7	11.5

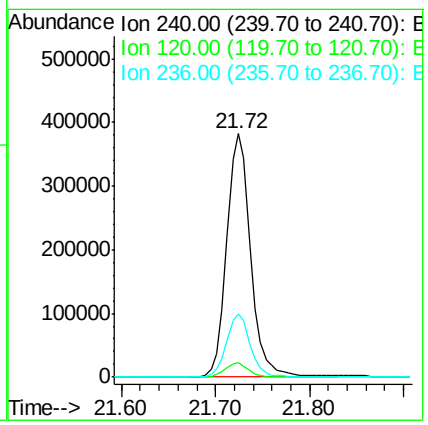


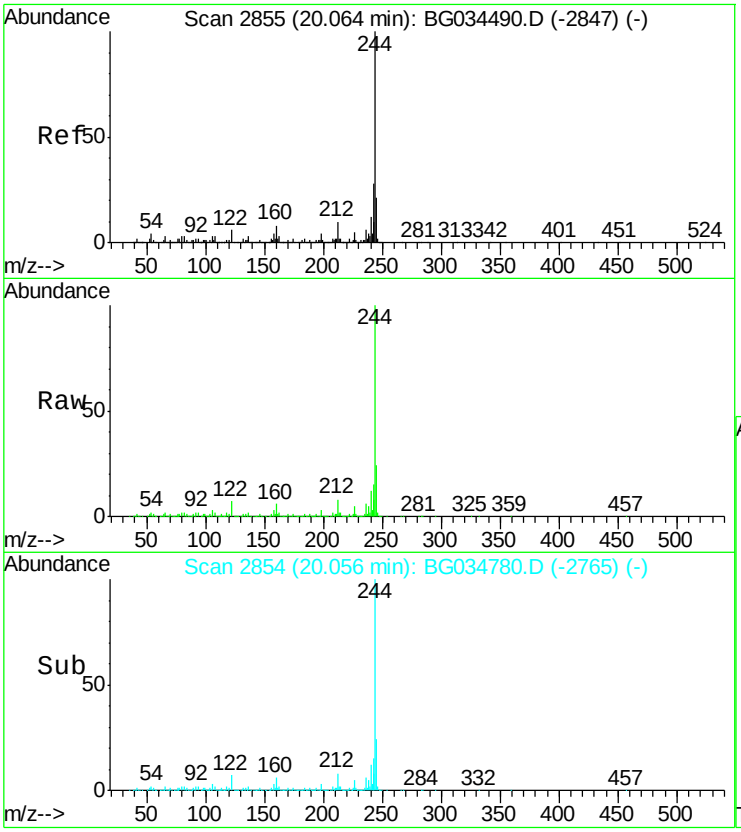


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:240 Resp: 675132

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.9	20.9	31.3

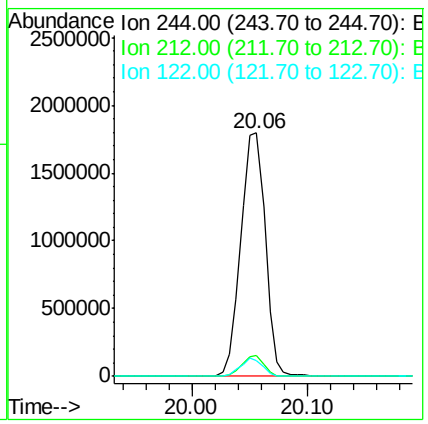


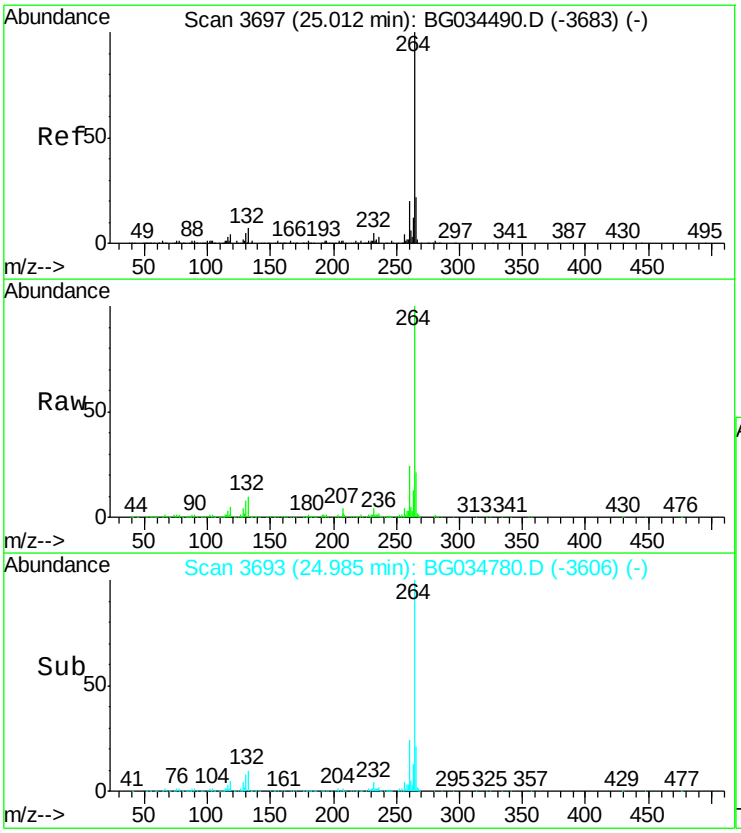


#78
Terphenyl-d14
Concen: 86.246 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:244 Resp: 2655210

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3693
Delta R.T. -0.02 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion:264 Resp: 680718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.2	17.7	26.5