Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
Data File : BG034802.D
Acq On : 30 May 2018 11:02
Operator : SJ/JU
Sample : J3164-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 30 12:25:13 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	84146	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306213	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	213699	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	577818	20.00	ng	0.00
75) Chrysene-d12	21.72	240	718776	20.00	ng	-0.02
86) Perylene-d12	24.99	264	730533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	213952	39.16	ng	0.00
7) Phenol-d6	7.20	99	180973	20.48	ng	0.00
23) Nitrobenzene-d5	9.20	82	629420	78.52	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	323185	87.81	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1377085	87.49	ng	0.00
78) Terphenyl-d14	20.05	244	2720467	83.00	ng	-0.01
Target Compounds						Qvalue

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

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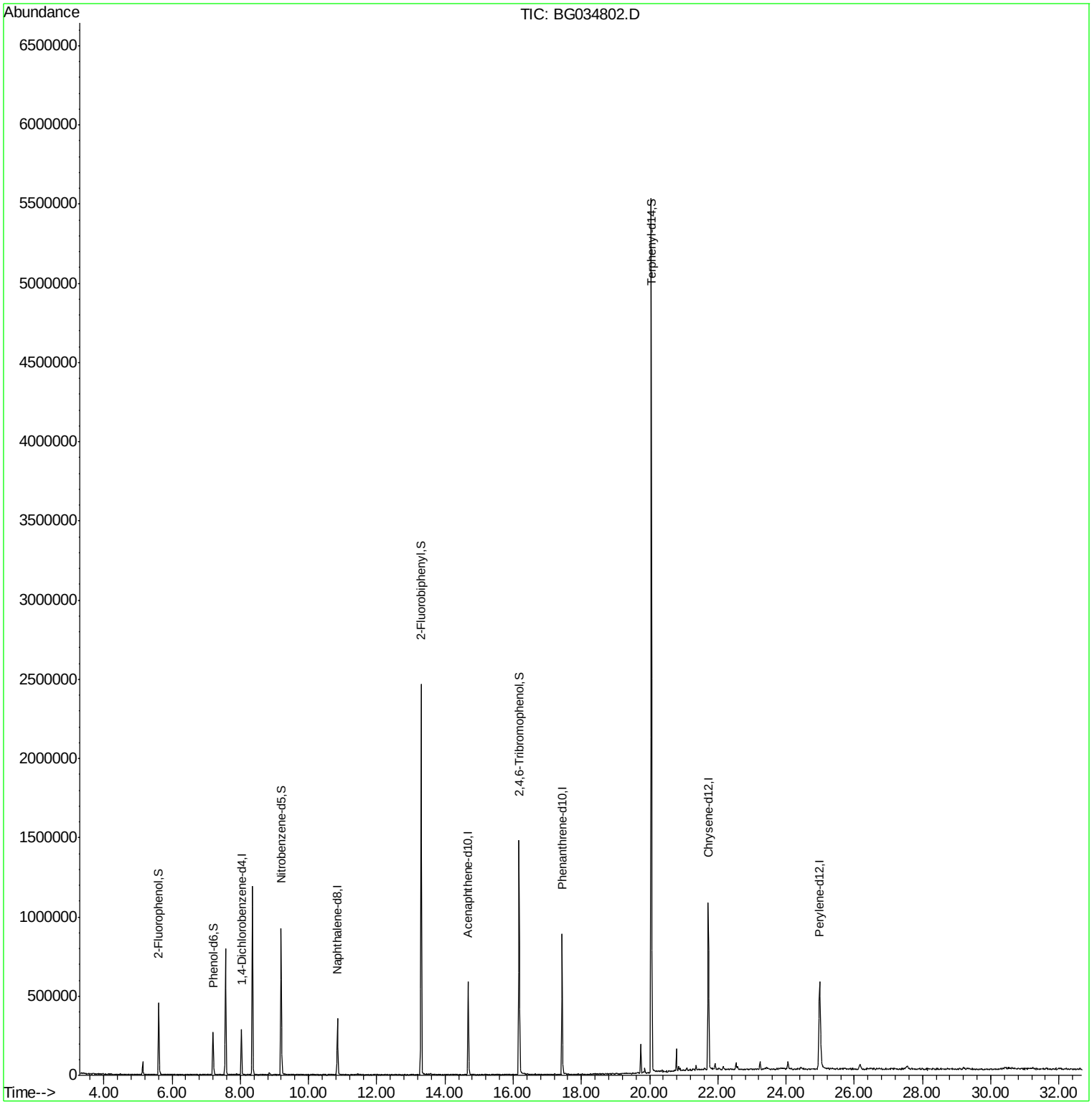
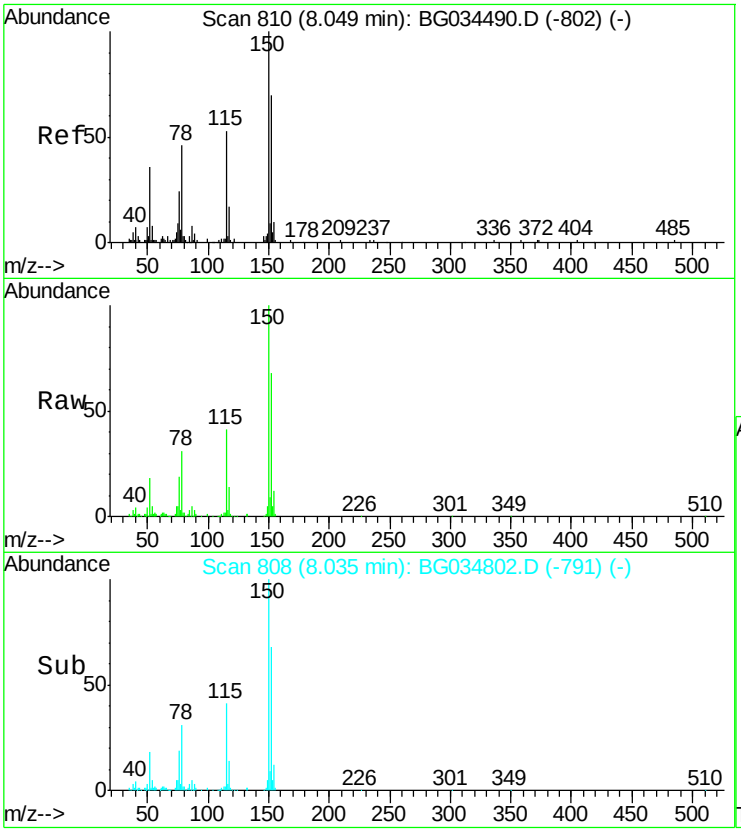
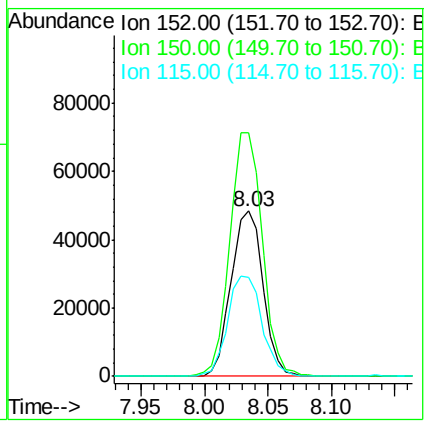


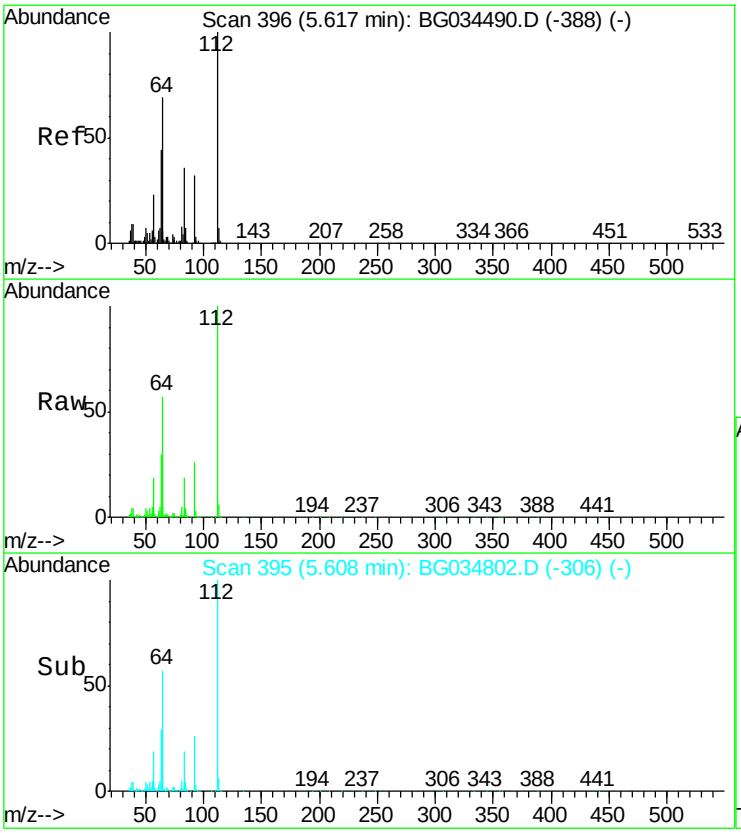


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:152 Resp: 84146

Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.6	189.8
115	60.0	53.0	79.4

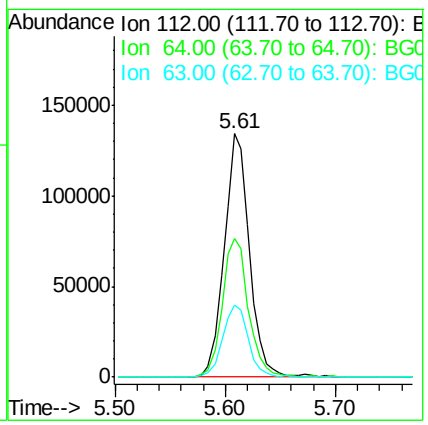


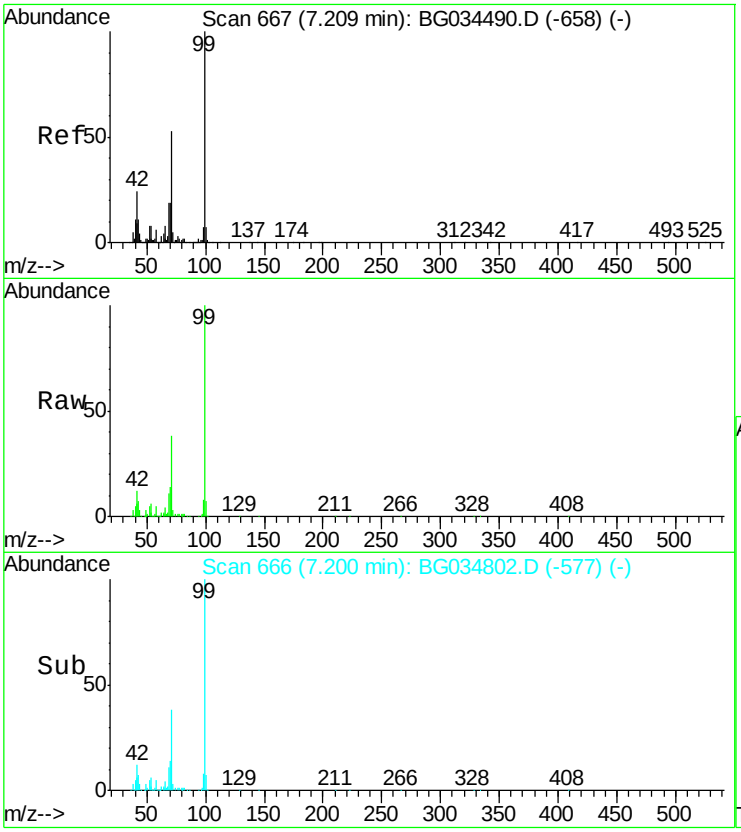


#5
2-Fluorophenol
Concen: 39.162 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:112 Resp: 213952

Ion	Ratio	Lower	Upper
112	100		
64	57.0	56.3	84.5
63	29.6	30.1	45.1#

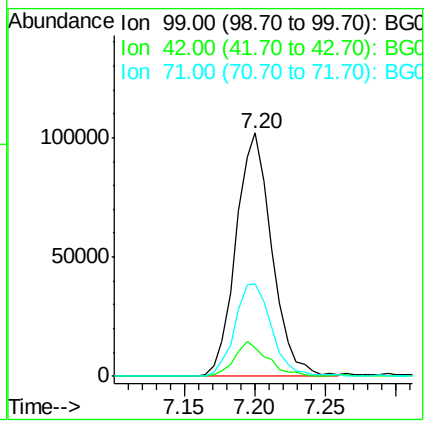


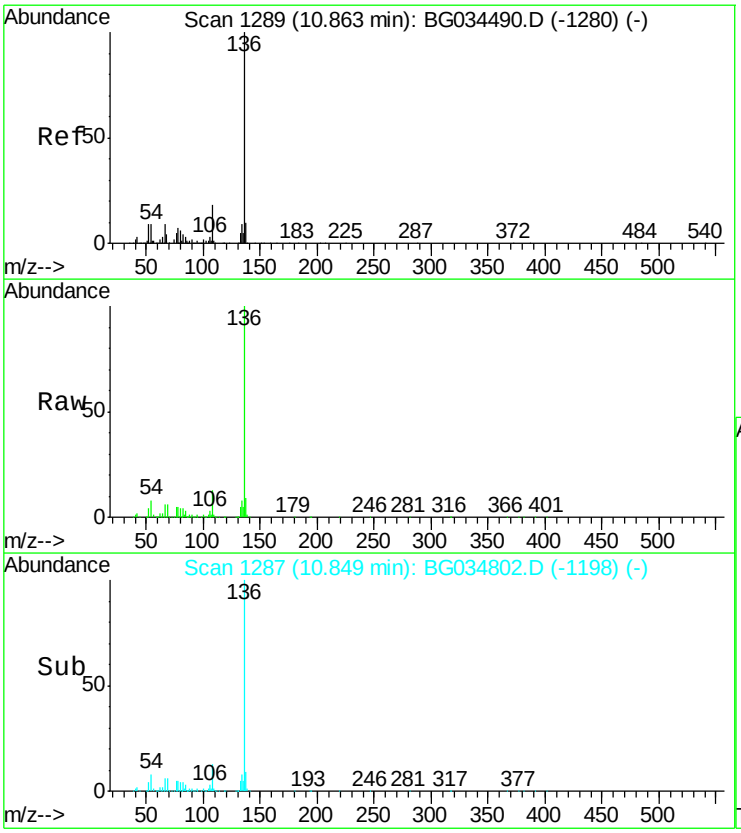


#7
Phenol-d6
Concen: 20.477 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion: 99 Resp: 180973

Ion	Ratio	Lower	Upper
99	100		
42	11.7	14.1	21.1#
71	37.8	26.1	39.1

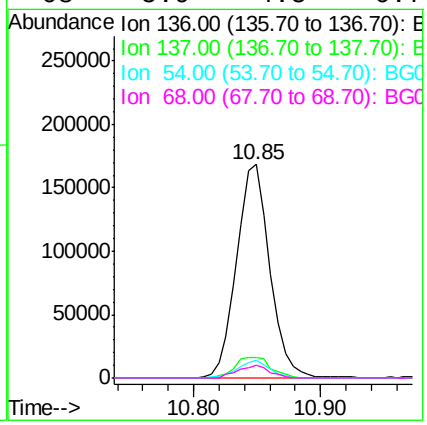


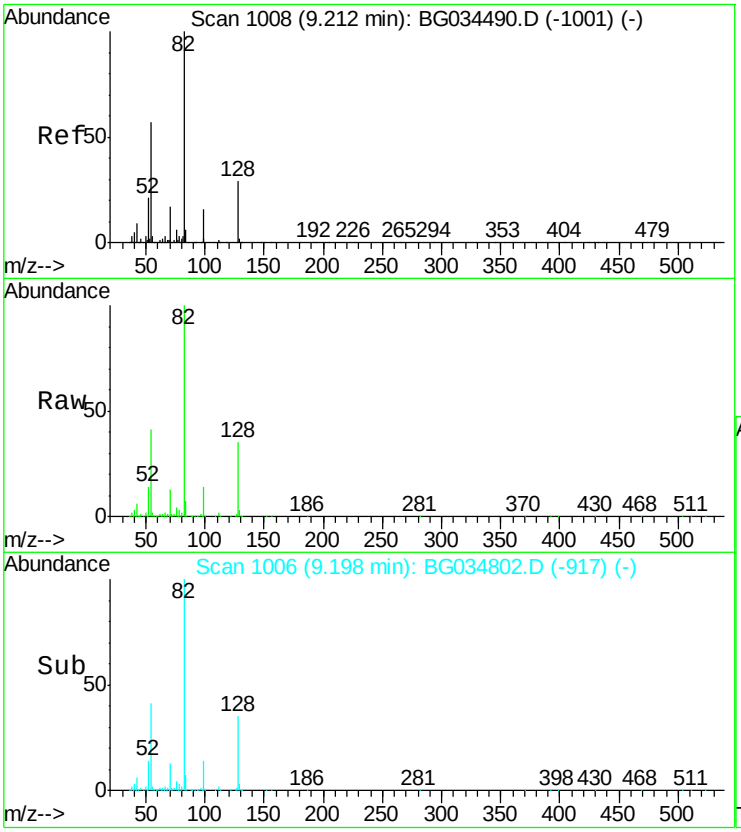


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:136 Resp: 306213

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	8.3	10.3	15.5#
68	5.9	4.5	6.7

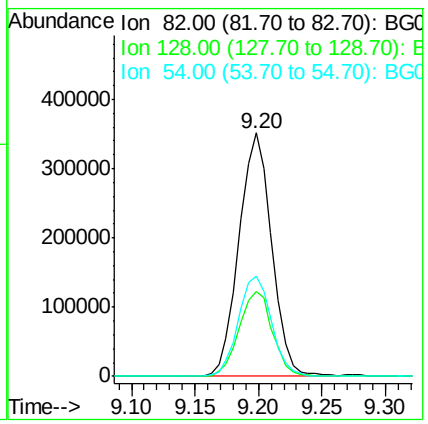


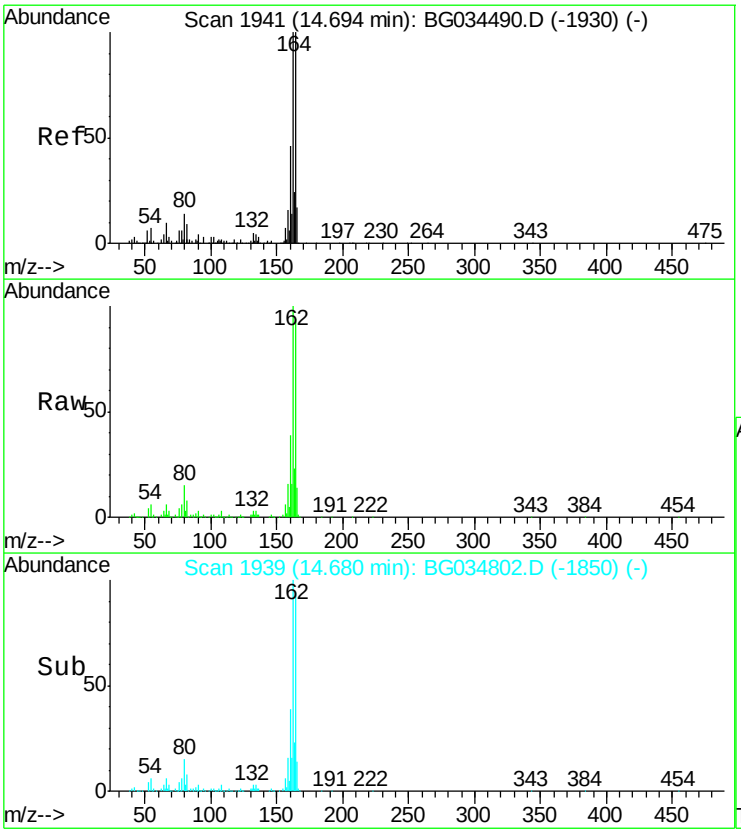


#23
Nitrobenzene-d5
Concen: 78.521 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion: 82 Resp: 629420

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	41.2	43.1	64.7#

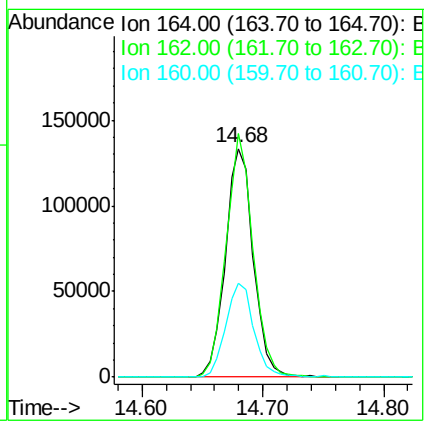


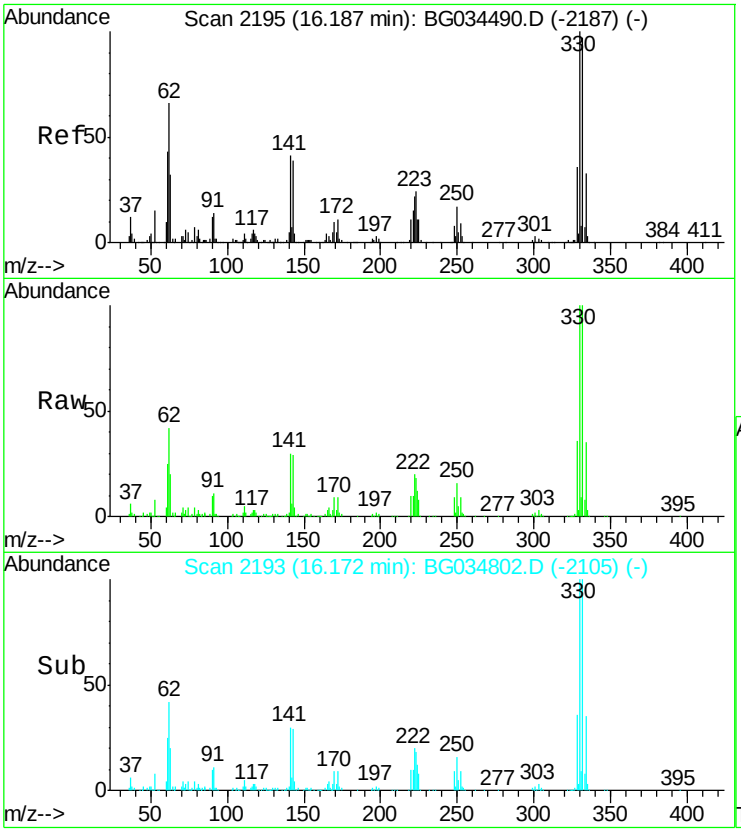


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:164 Resp: 213699

Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	41.0	35.4	53.0

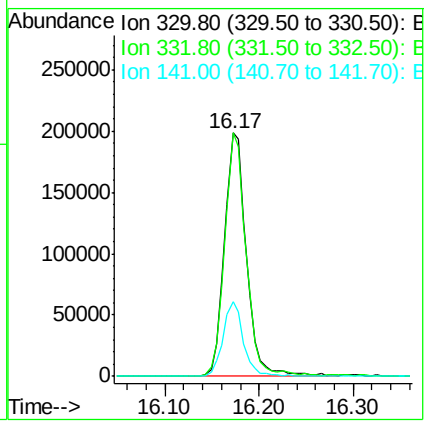


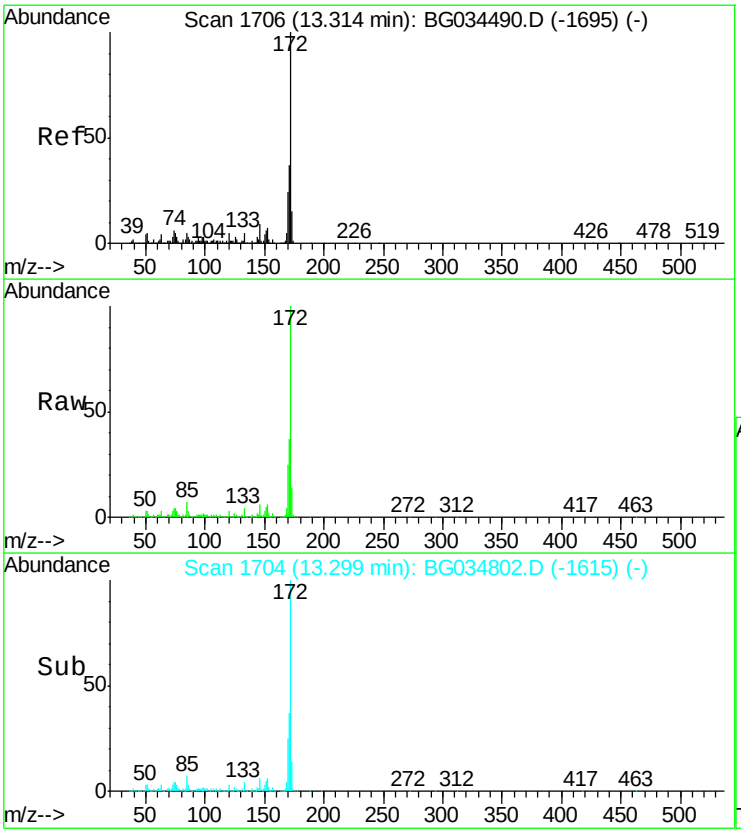


#41
2,4,6-Tribromophenol
Concen: 87.811 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:330 Resp: 323185

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.5	25.2	37.8

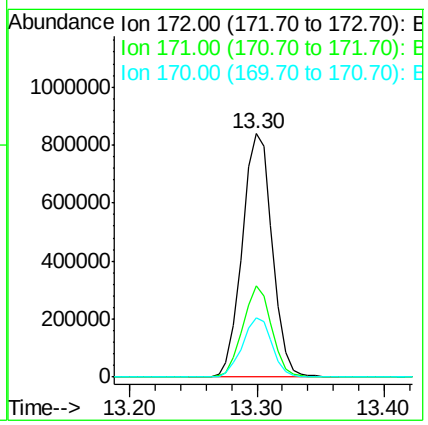


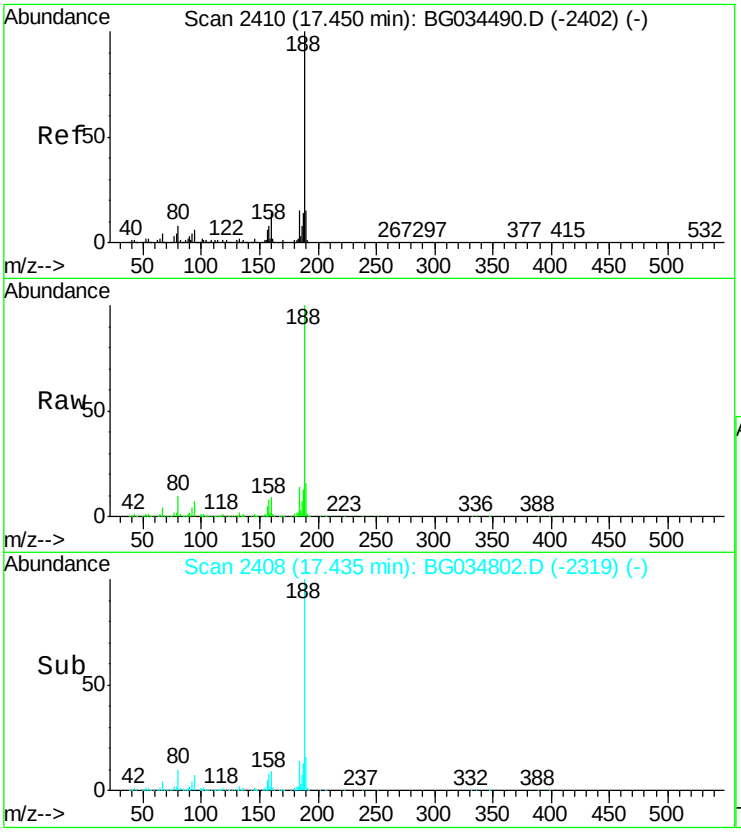


#44
2-Fluorobiphenyl
Concen: 87.486 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:172 Resp: 1377085

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.5	19.5	29.3

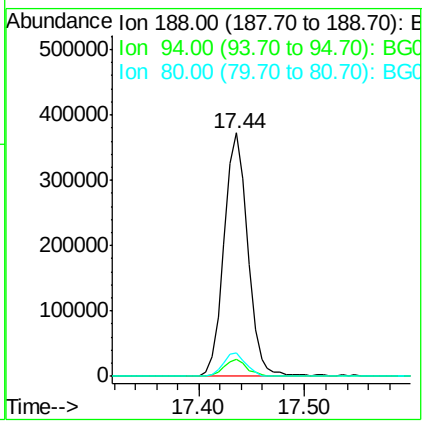


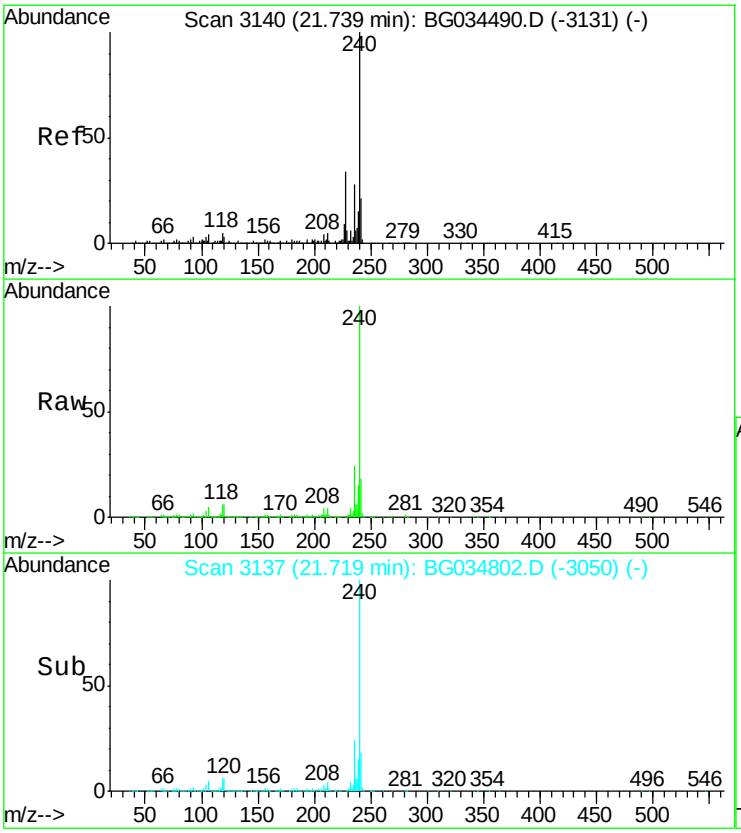


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:188 Resp: 577818

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	9.6	7.7	11.5

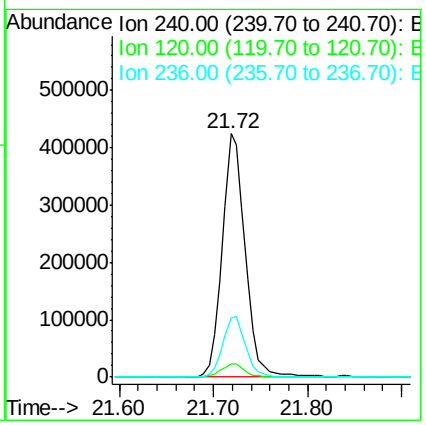


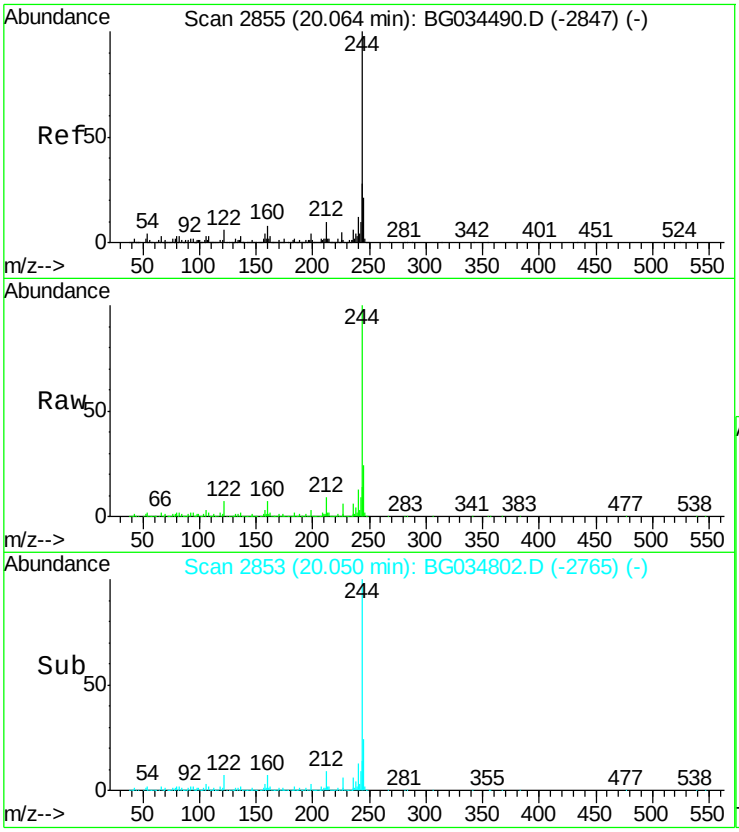


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:240 Resp: 718776

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	24.2	20.9	31.3

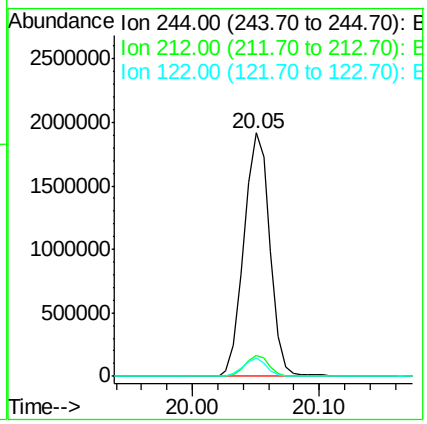


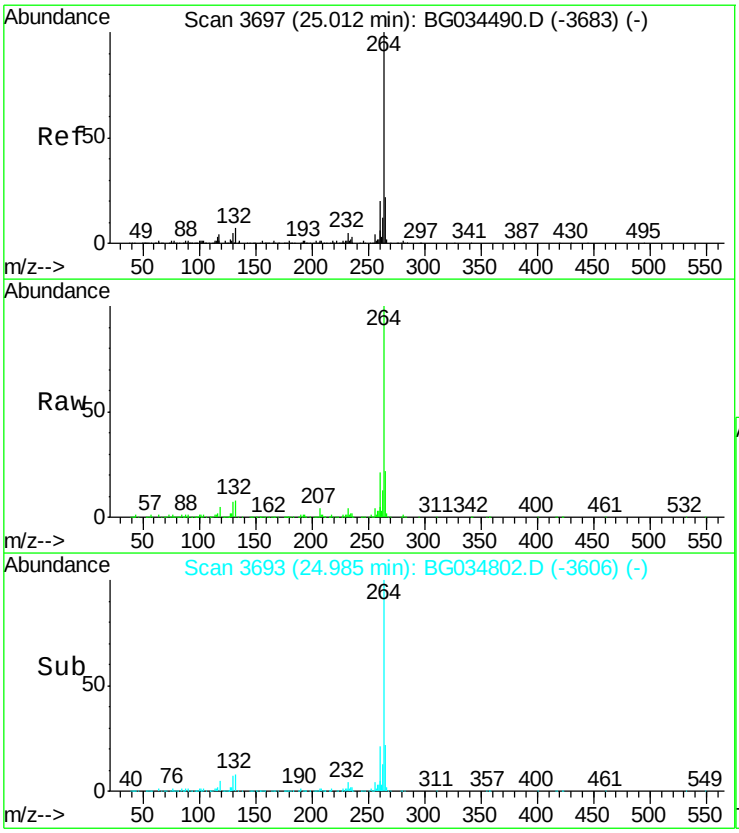


#78
Terphenyl-d14
Concen: 83.000 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:244 Resp: 2720467

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.5	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: BG034802.D
Acq: 30 May 2018 11:02

Tgt Ion:264 Resp: 730533

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.0
265	21.6	17.7	26.5