Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
Data File : BG037340.D
Acq On : 15 Oct 2018 19:20
Operator : JU/SJ
Sample : J5461-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 16 05:00:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56362	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	235634	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	158438	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	409385	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	381329	20.00	ng	-0.02
87) Perylene-d12	25.12	264	381969	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	342674	107.00	ng	0.00
7) Phenol-d6	7.25	99	547274	112.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	306525	85.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	138461	89.11	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	814839	77.24	ng	-0.01
79) Terphenyl-d14	20.09	244	1337152	73.63	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.28	94	14690	2.869	ng	91
50) Dimethylphthalate	14.19	163	57036	4.581	ng	98

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

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Data File : BG037340.D
Acq On : 15 Oct 2018 19:20
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Misc :
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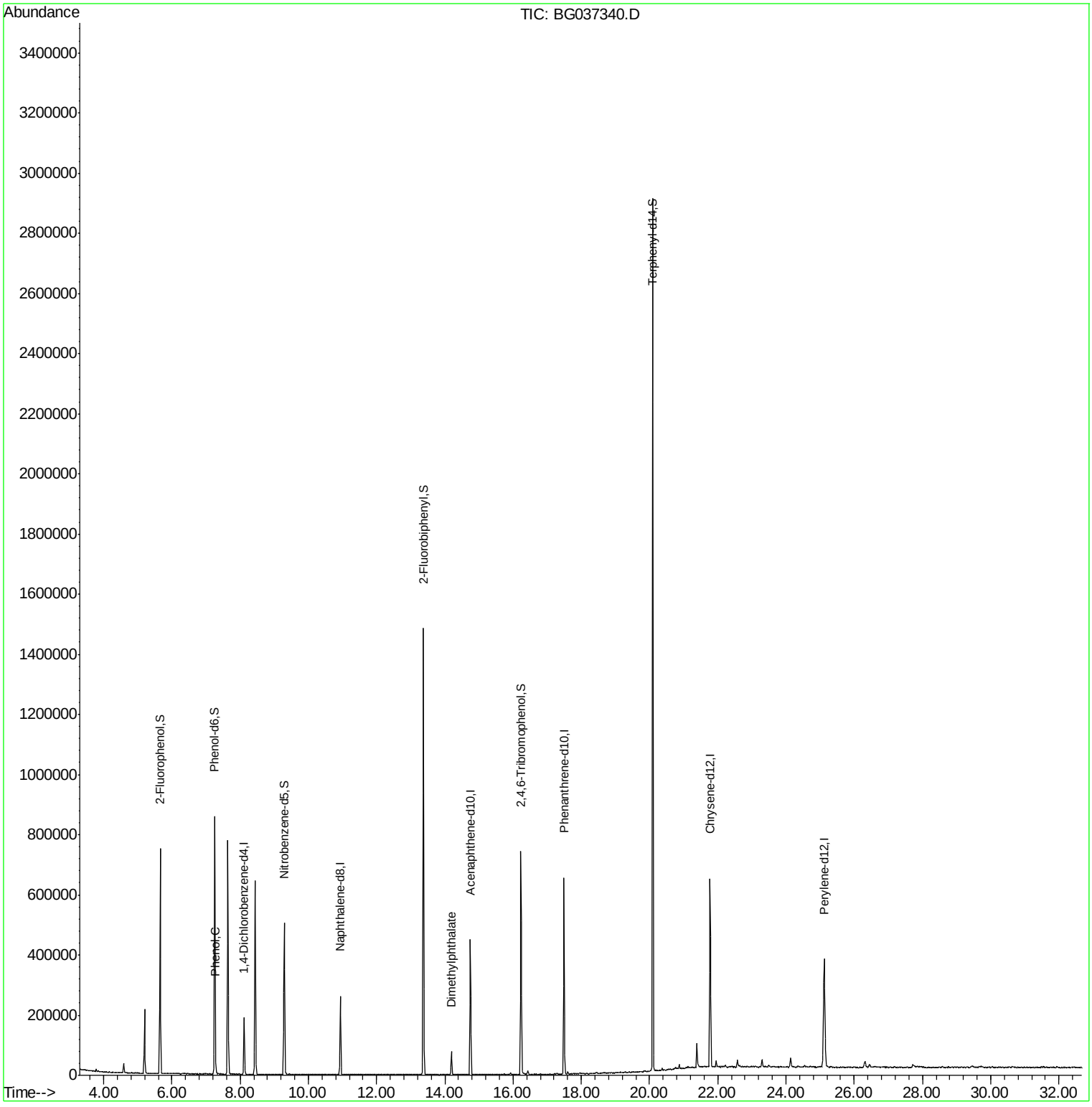
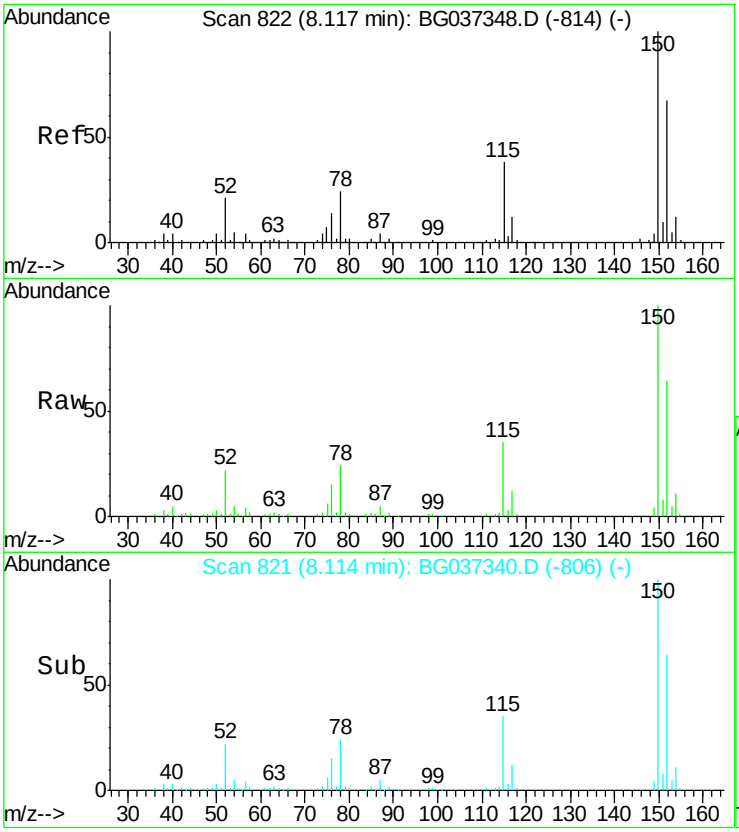
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration

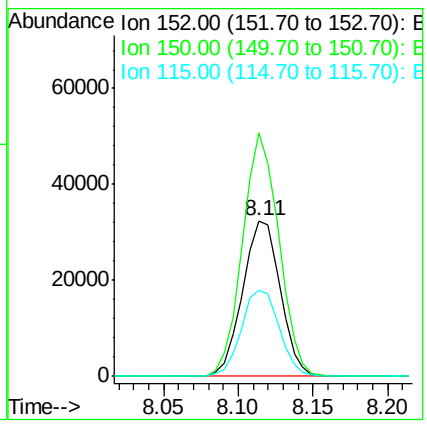


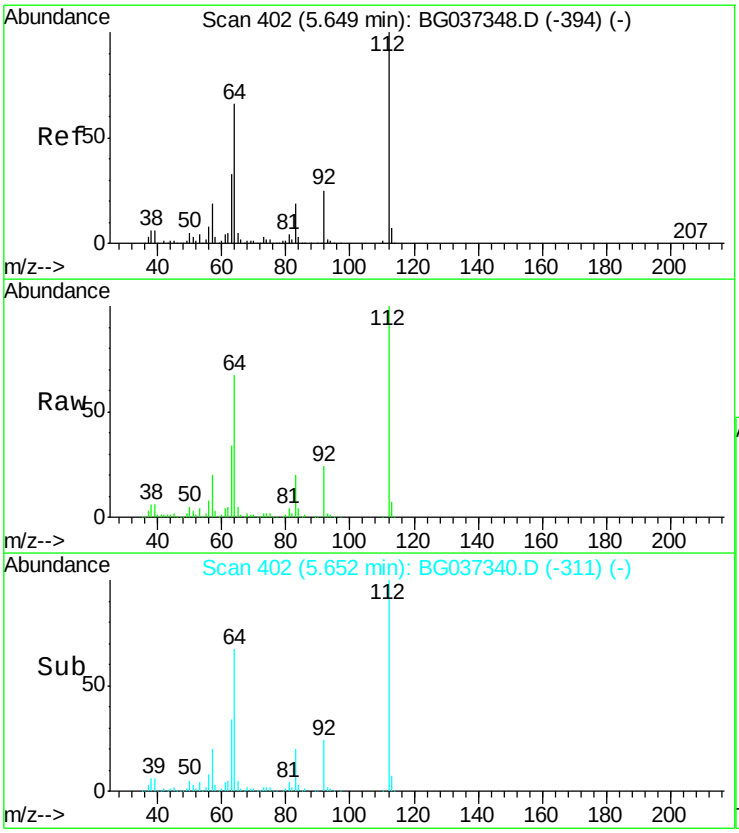


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:152 Resp: 56362

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.0	189.0
115	55.3	45.5	68.3

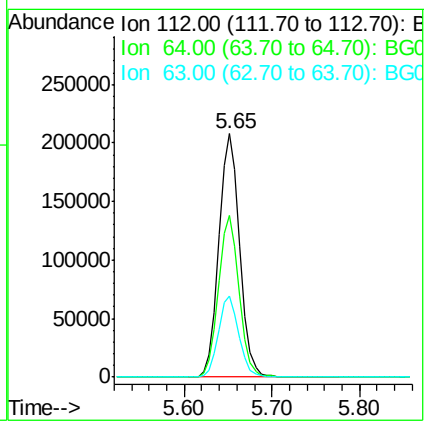


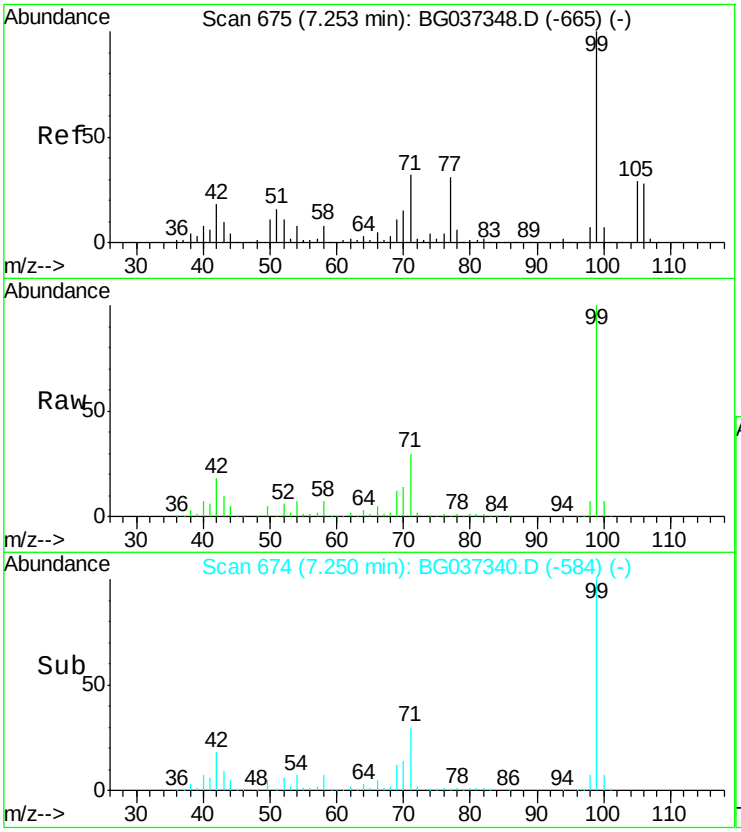


#5
2-Fluorophenol
Concen: 107.000 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:112 Resp: 342674

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.6	27.3	40.9

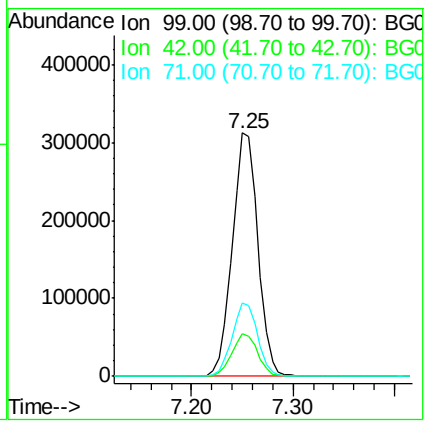


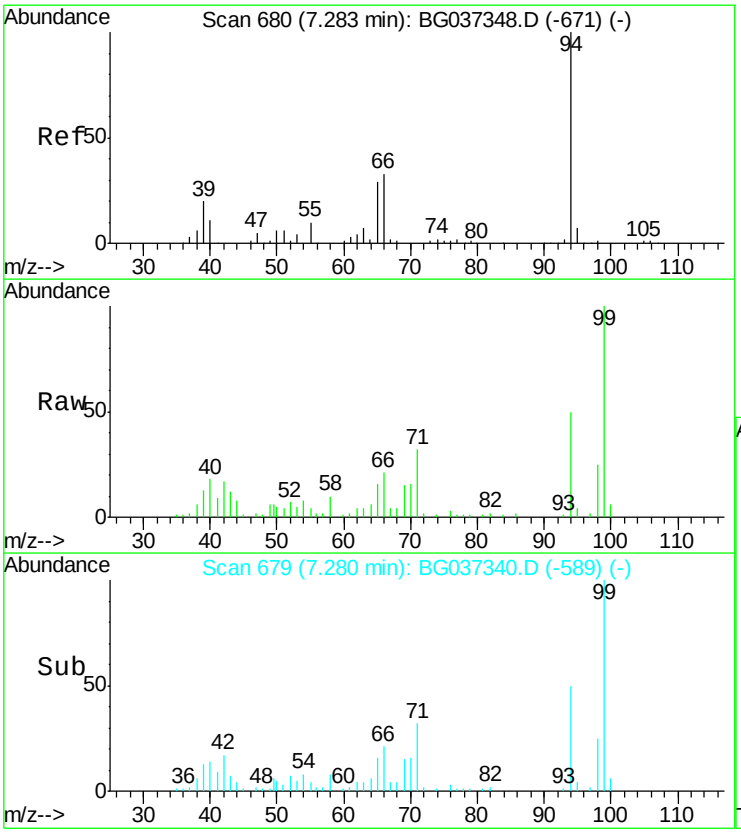


#7
Phenol-d6
Concen: 112.586 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion: 99 Resp: 547274

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	30.2	25.5	38.3

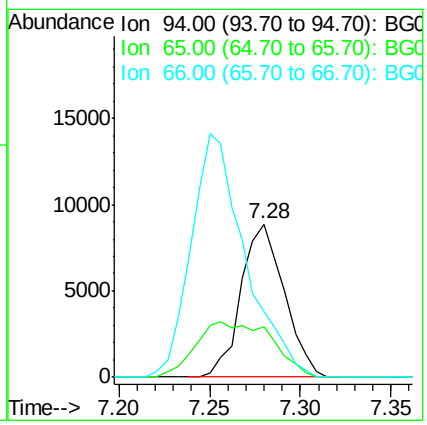


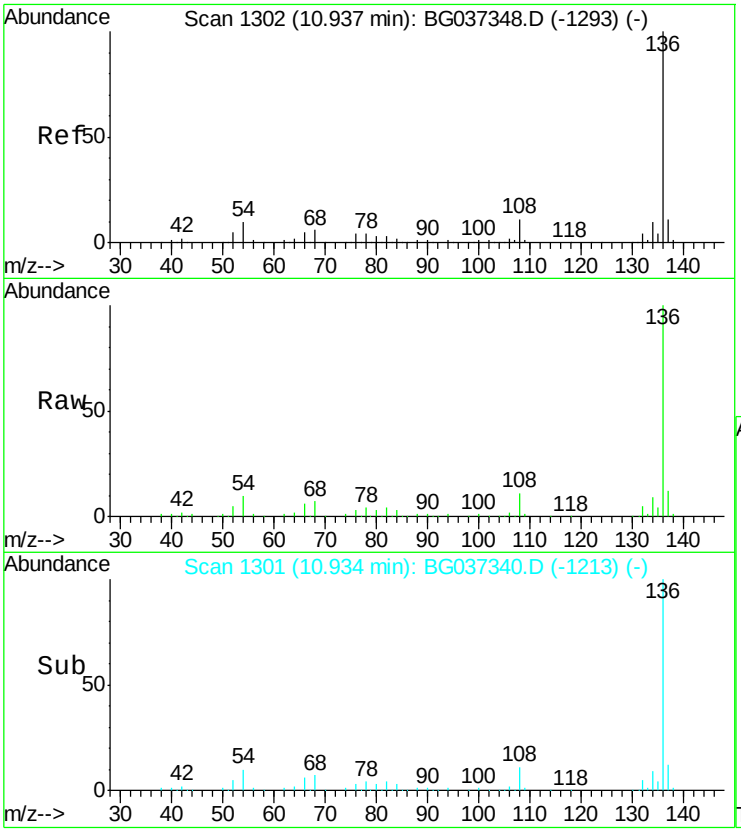


#10
Phenol
Concen: 2.869 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion: 94 Resp: 14690

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.7	49.7
66	43.3	15.9	55.9

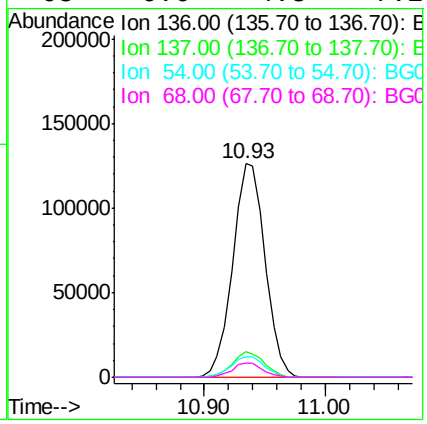


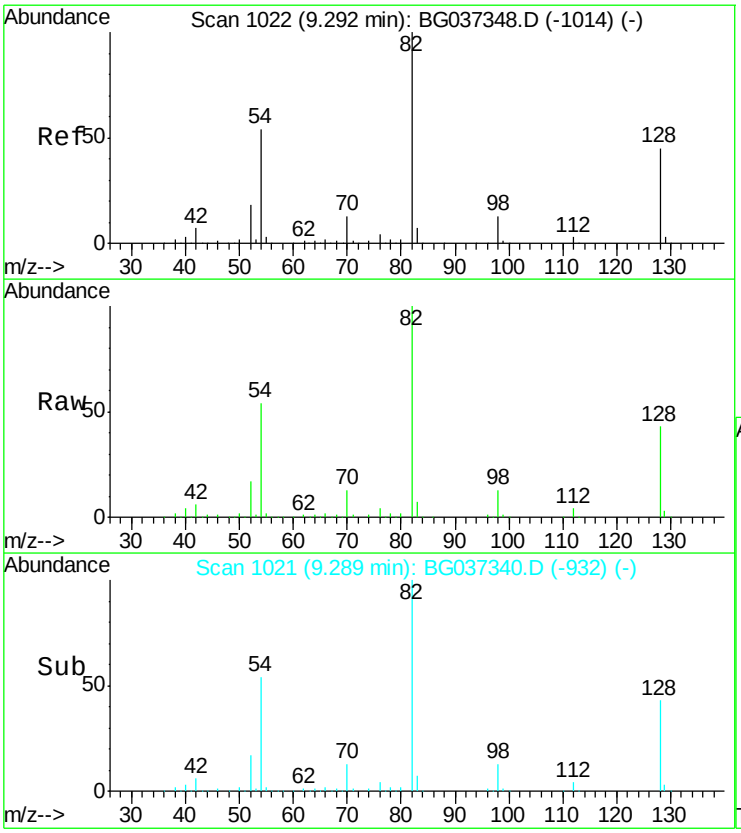


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:136 Resp: 235634

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.6	7.9	11.9
68	6.6	4.8	7.2

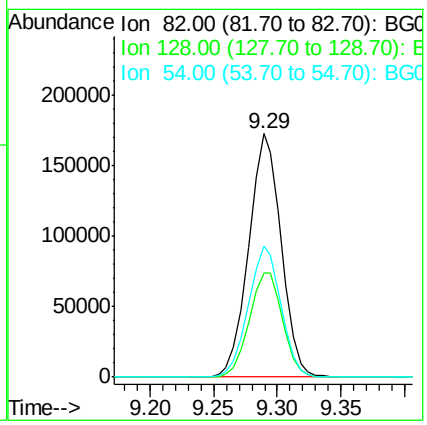


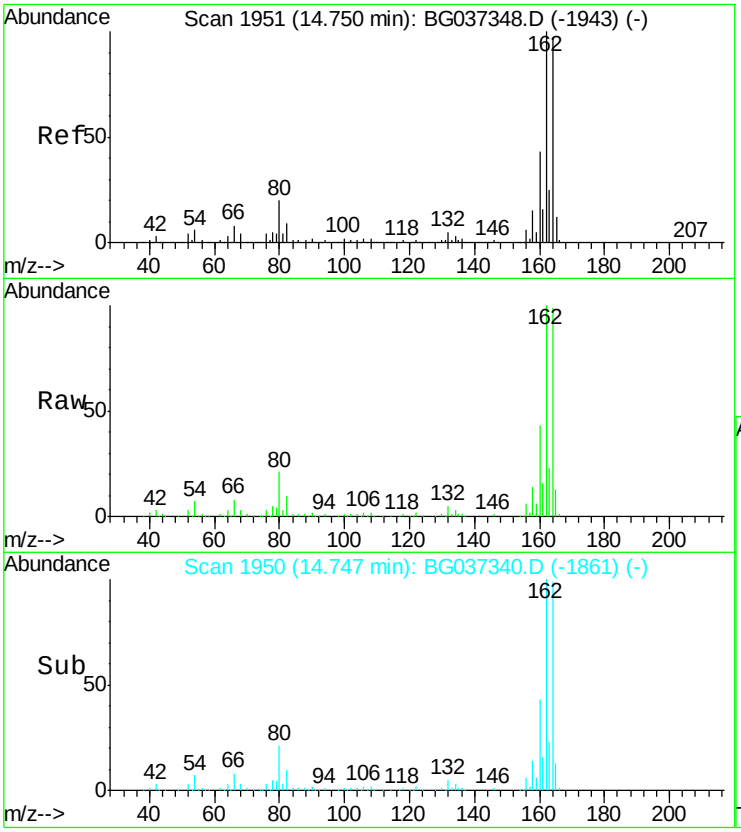


#23
Nitrobenzene-d5
Concen: 85.524 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion: 82 Resp: 306525

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	53.6	45.3	67.9

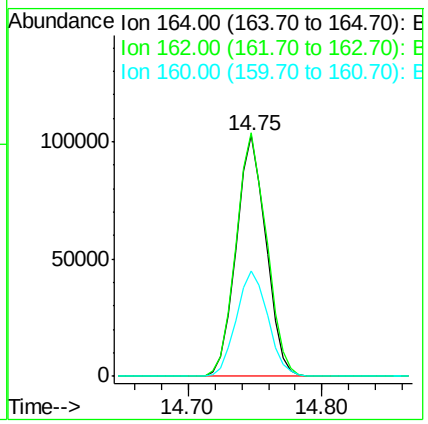


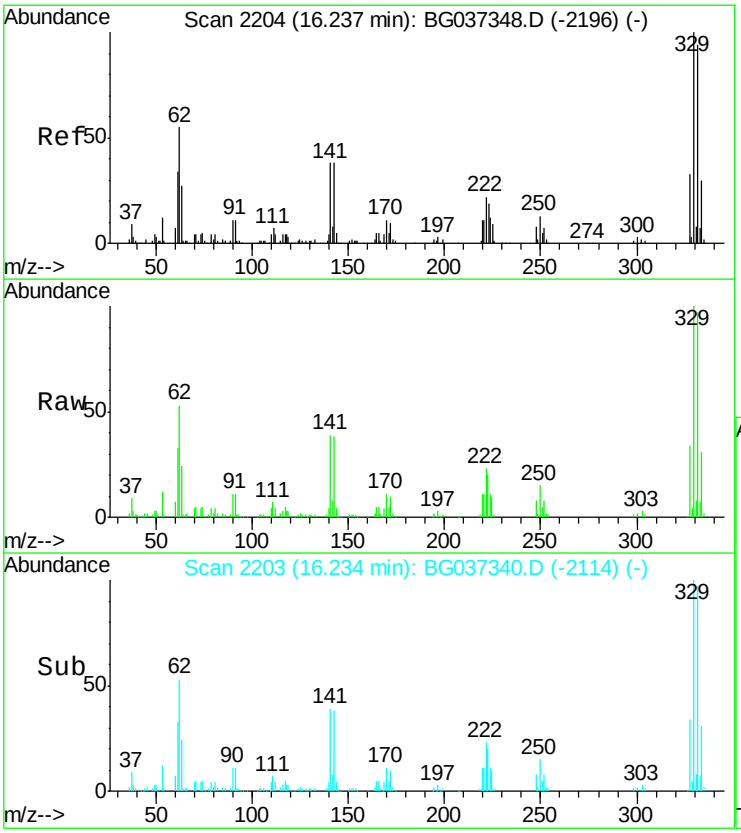


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:164 Resp: 158438

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	43.6	36.3	54.5

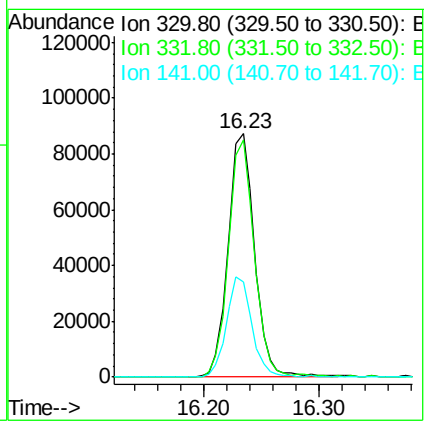


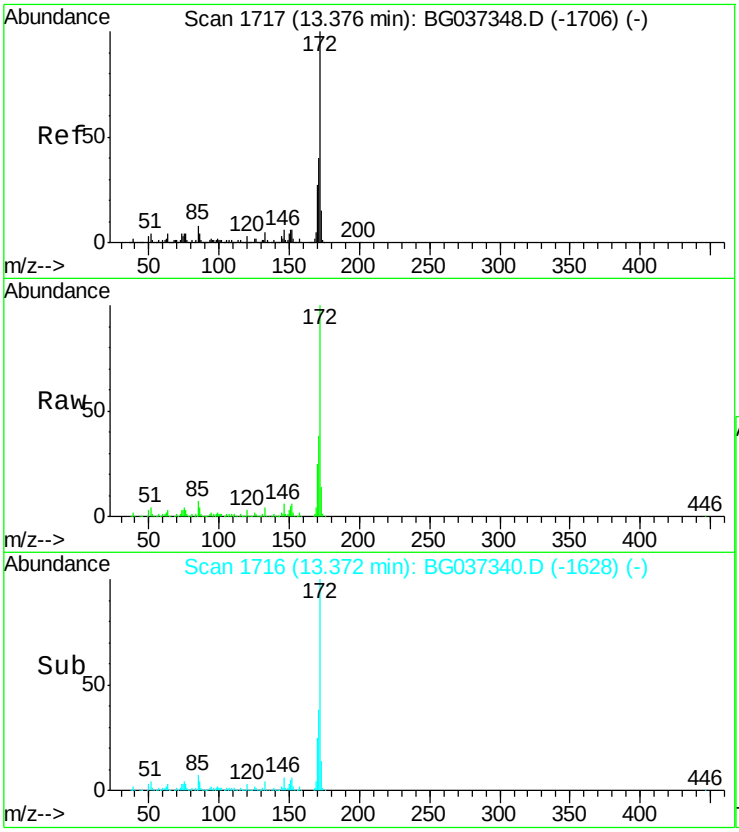


#42
2,4,6-Tribromophenol
Concen: 89.109 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:330 Resp: 138461

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	39.4	32.2	48.2

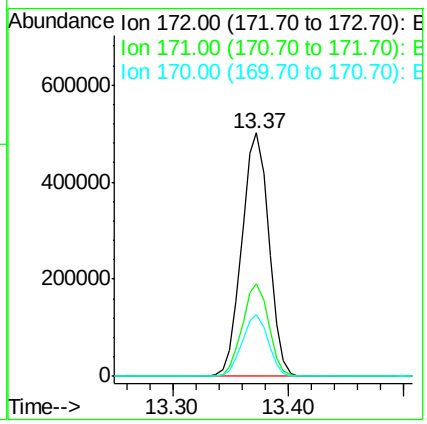


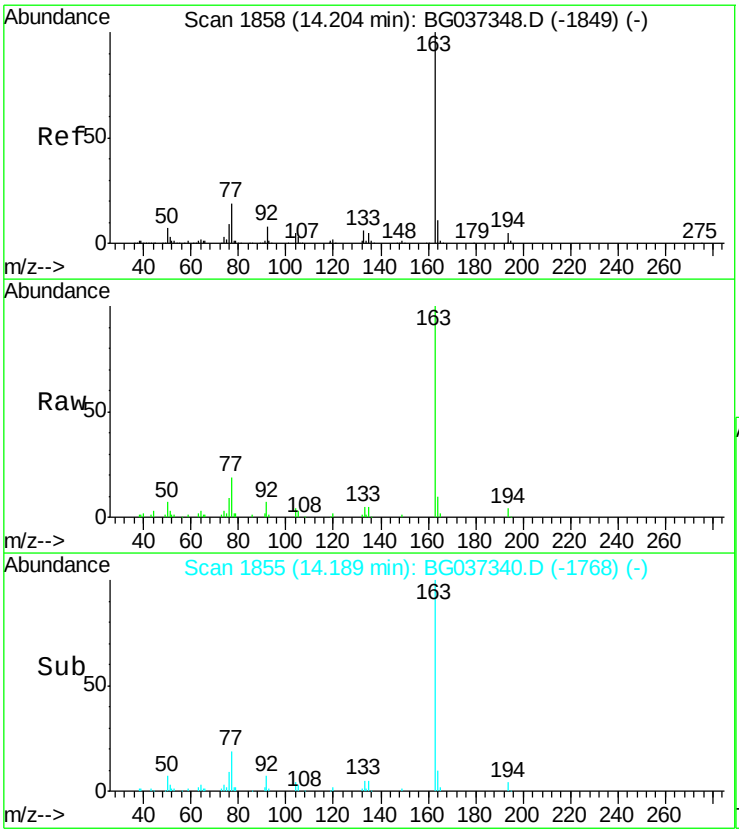


#45
2-Fluorobiphenyl
Concen: 77.235 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:172 Resp: 814839

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.2	20.2	30.2

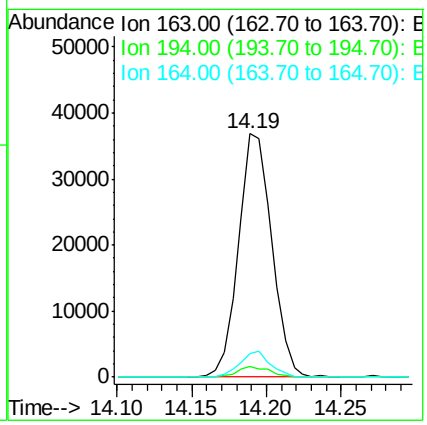


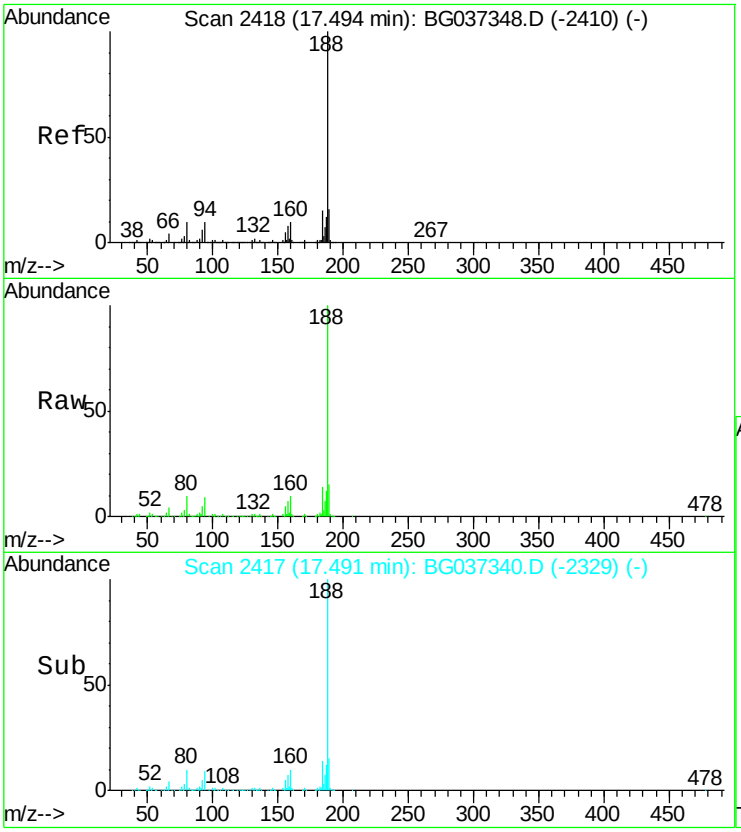


#50
Dimethylphthalate
Concen: 4.581 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:163 Resp: 57036

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.6	8.5	12.7

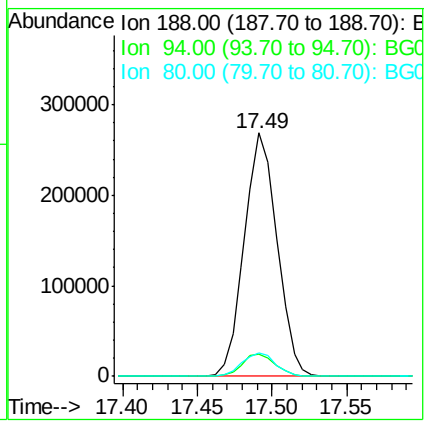


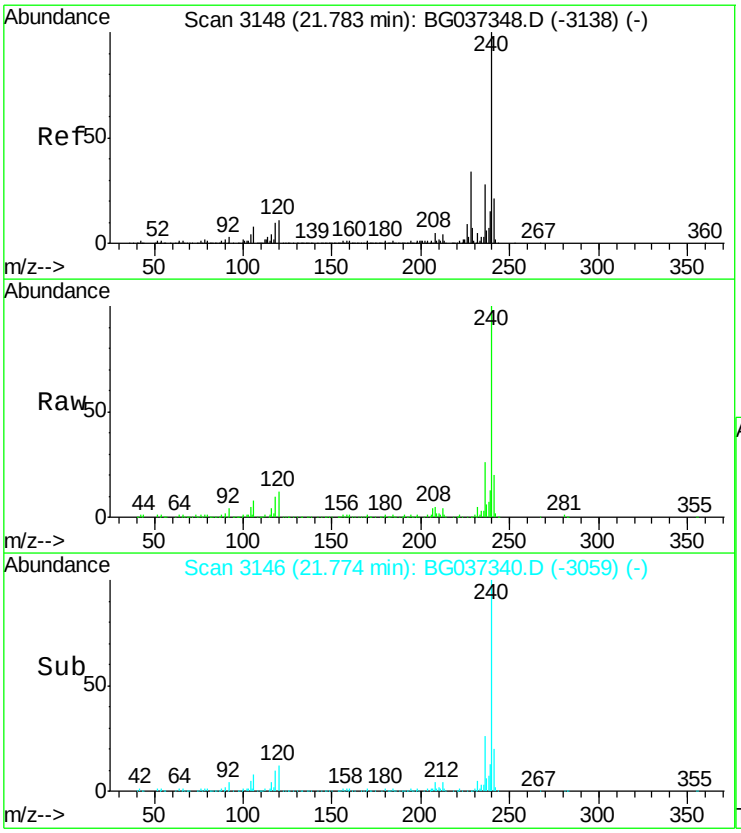


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:188 Resp: 409385

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.6	7.7	11.5

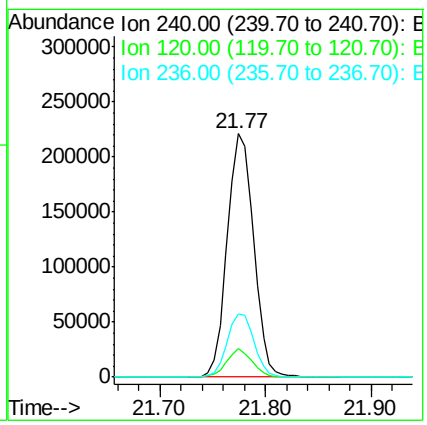


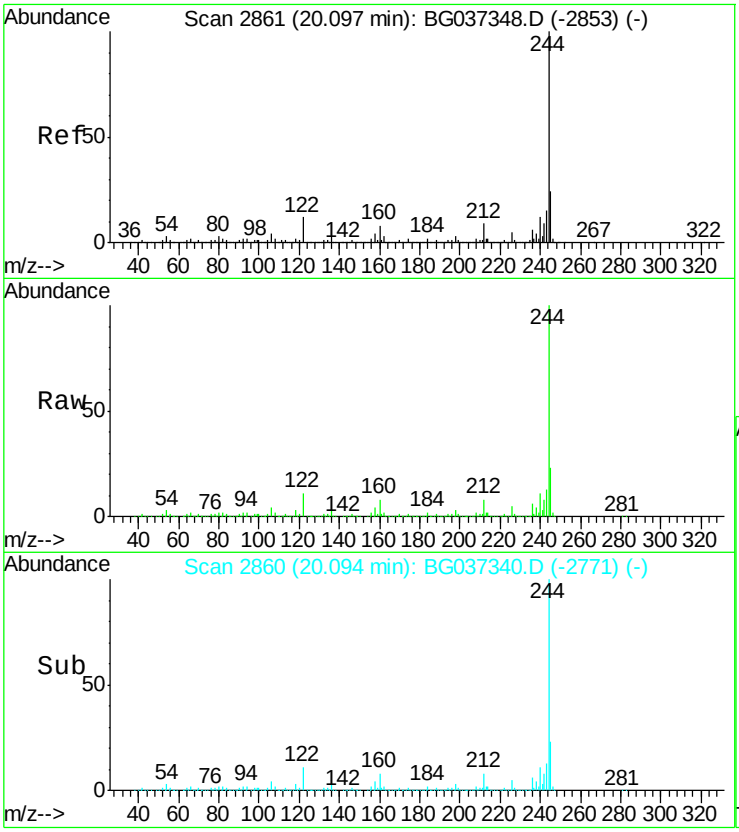


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:240 Resp: 381329

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.1	12.1
236	26.0	21.4	32.0

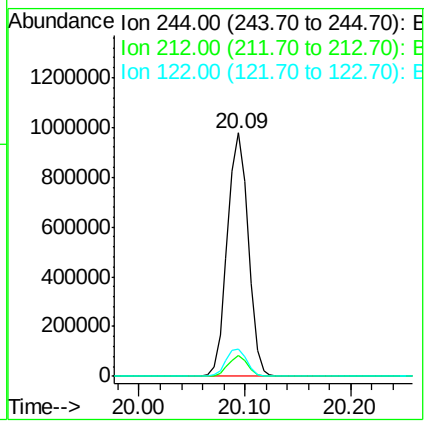


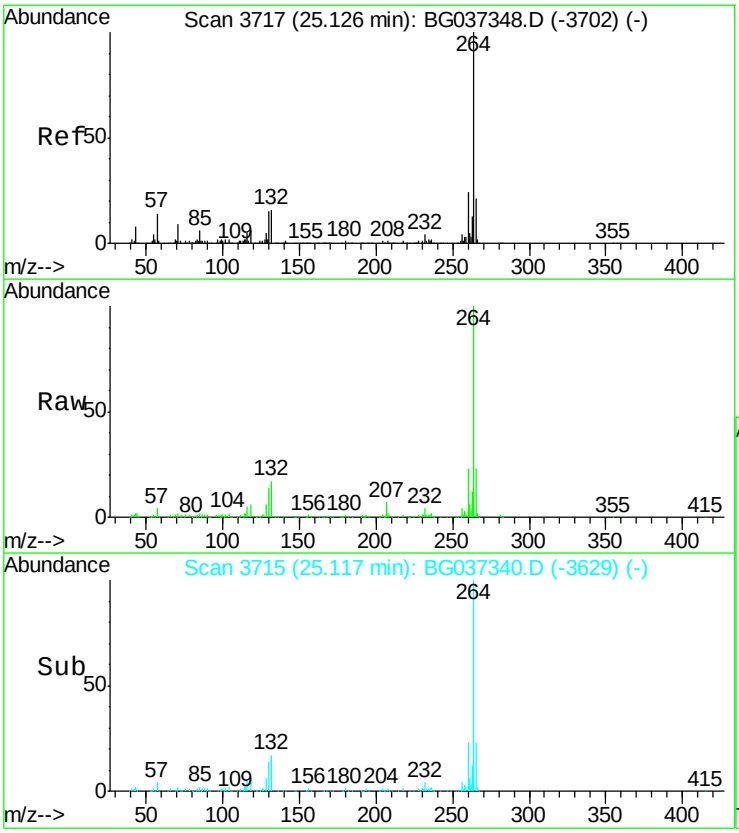


#79
Terphenyl-d14
Concen: 73.629 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

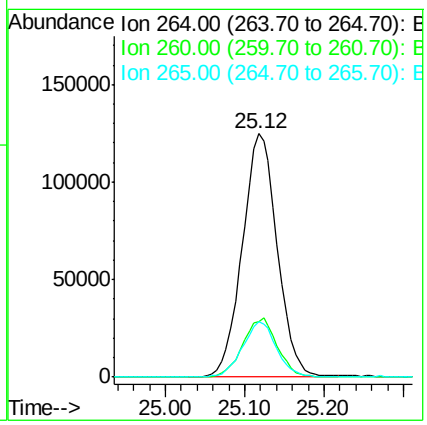
Tgt Ion:244 Resp: 1337152

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:264 Resp: 381969

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	23.0	17.9	26.9