Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017021.D
Acq On : 10 May 2015 12:00
Operator : TP/IZ
Sample : G2151-12
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-20-7.5

Quant Time: May 11 06:40:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52814	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	241865	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	165527	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	366785	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	352092	20.00	ng		-0.02
86) Perylene-d12	23.64	264	348686	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	380241	125.36	ng		0.00
7) Phenol-d6	6.97	99	552815	127.57	ng		0.00
23) Nitrobenzene-d5	8.94	82	365222	73.77	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	219318	131.98	ng		-0.02
44) 2-Fluorobiphenyl	13.05	172	742744	67.71	ng		-0.02
78) Terphenyl-d14	19.80	244	1067736	71.09	ng		-0.02
Target Compounds							Qvalue
32) Benzoic acid	9.84	122	17433	10.54	ng		91
49) Dimethylphthalate	13.88	163	36985	2.99	ng	#	96

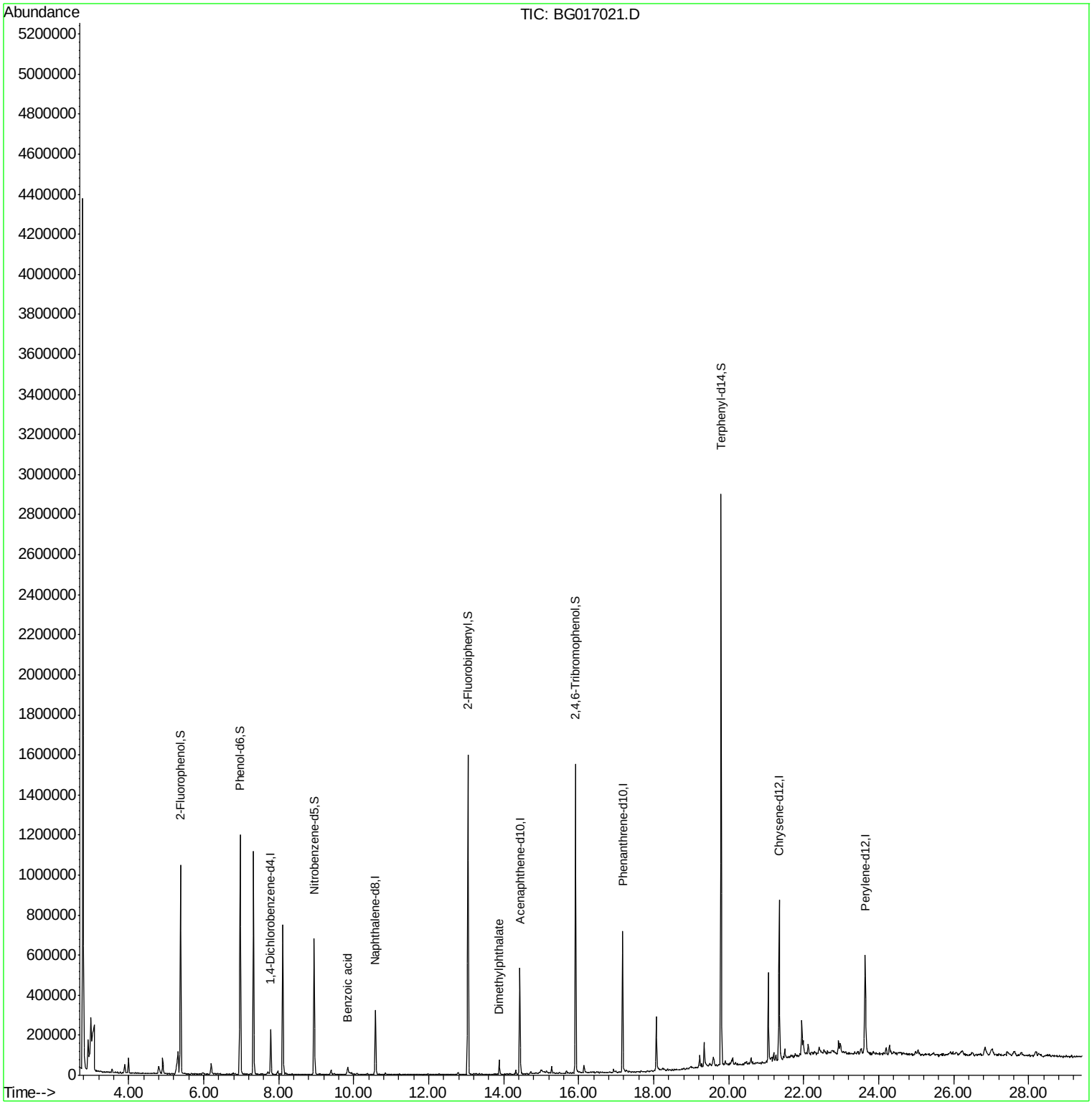
(#) = qualifier out of range (m) = manual integration (+) = signals summed

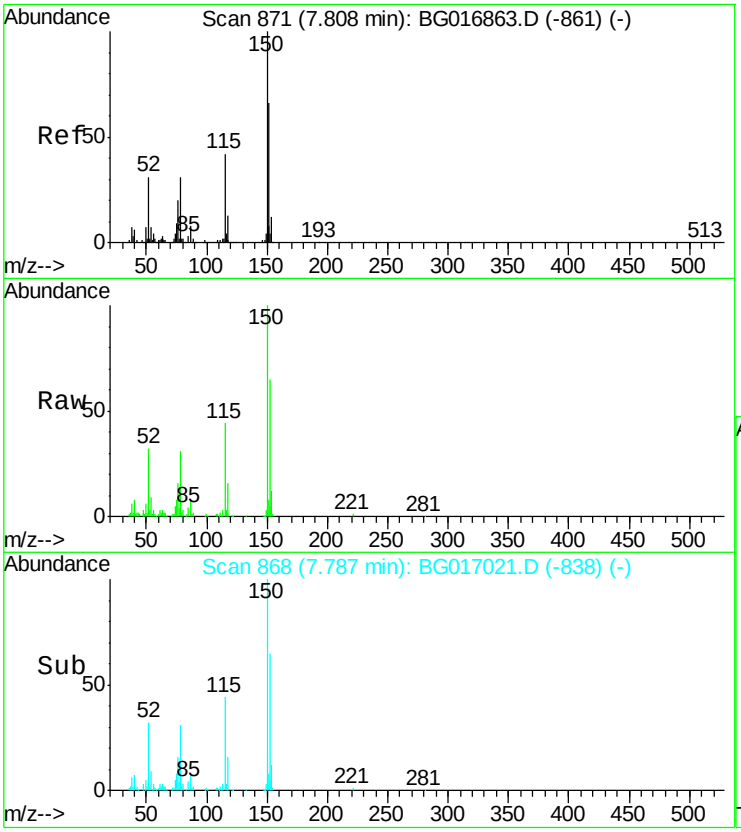
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017021.D
Acq On : 10 May 2015 12:00
Operator : TP/IZ
Sample : G2151-12
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Quant Time: May 11 06:40:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration



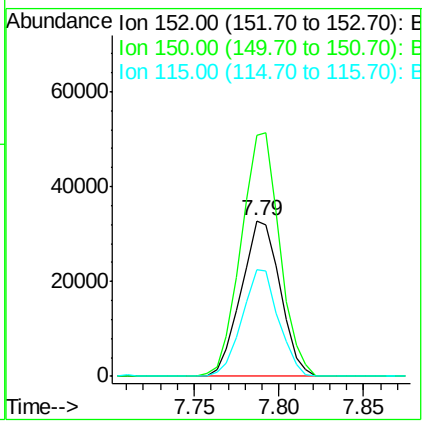


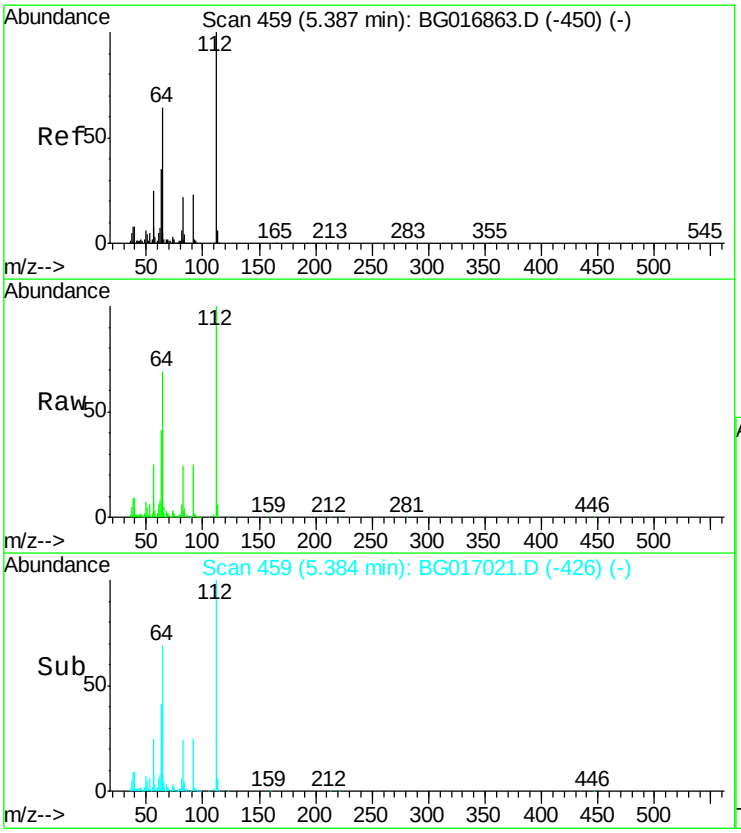
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion:152 Resp: 52814

Ion	Ratio	Lower	Upper
152	100		
150	154.6	121.0	181.4
115	68.5	50.5	75.7

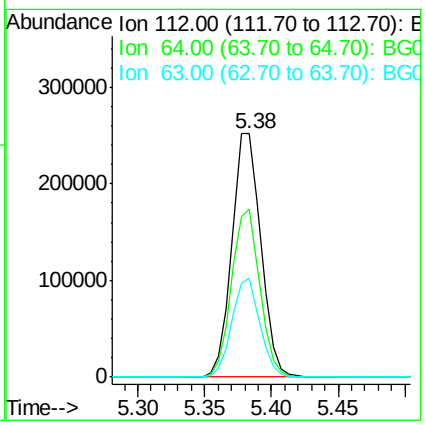


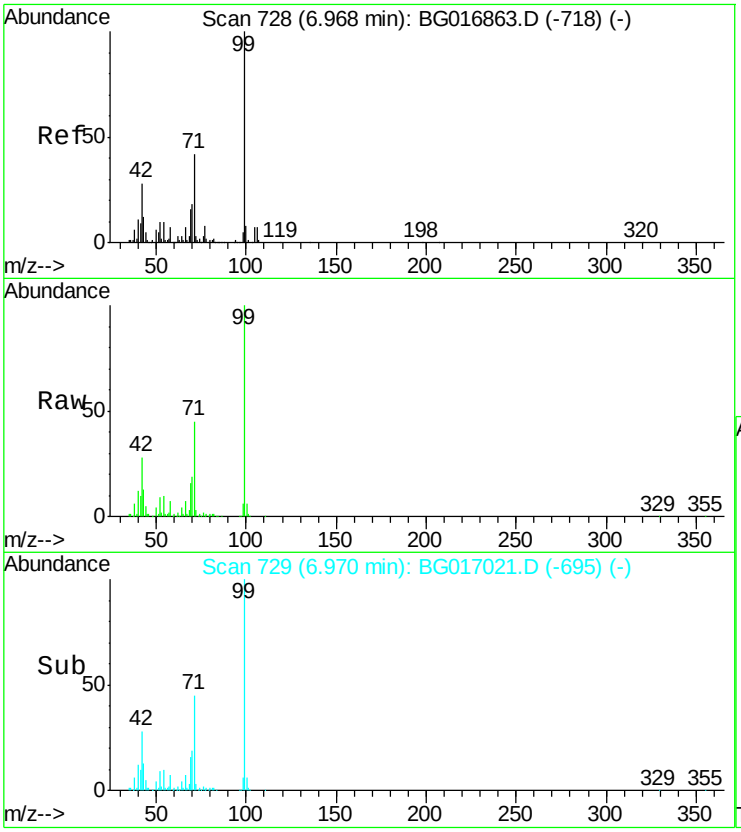


#5
2-Fluorophenol
Concen: 125.36 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:112 Resp: 380241

Ion	Ratio	Lower	Upper
112	100		
64	69.2	51.4	77.2
63	40.6	28.1	42.1



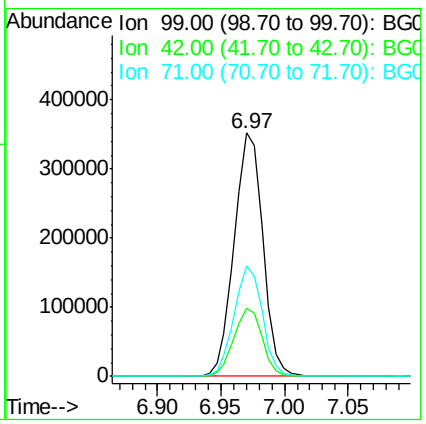


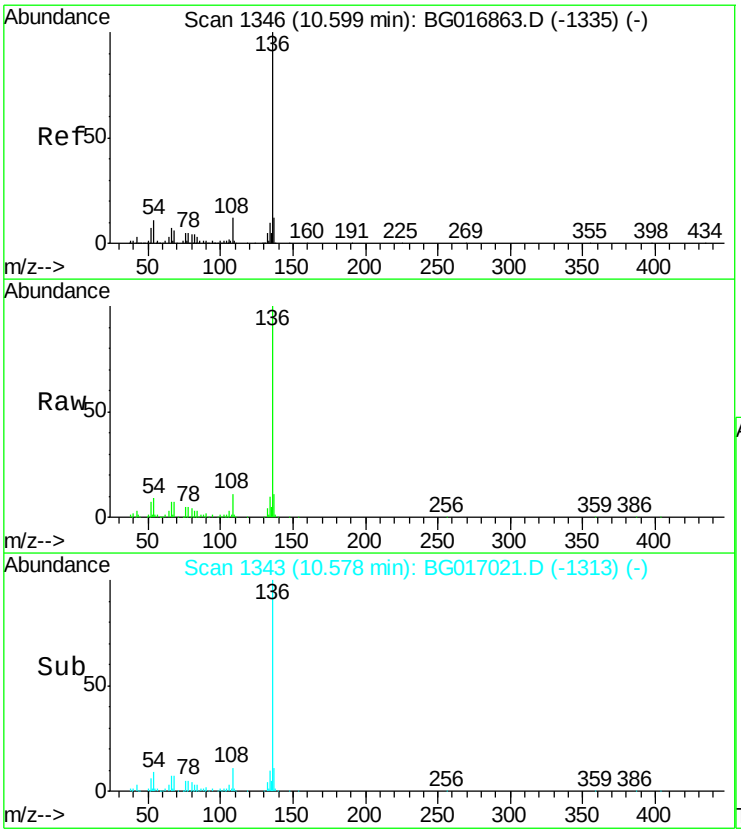
#7
Phenol-d6
Concen: 127.57 ng
RT: 6.97 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion: 99 Resp: 552815

Ion	Ratio	Lower	Upper
99	100		
42	28.0	22.1	33.1
71	45.2	33.4	50.0

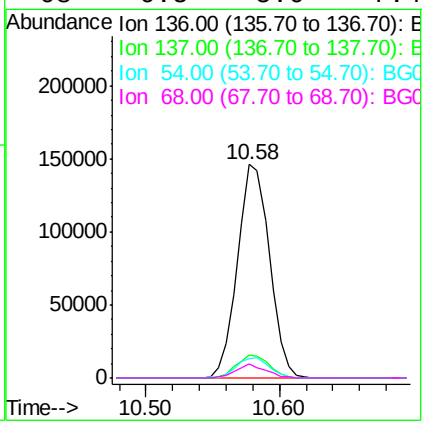


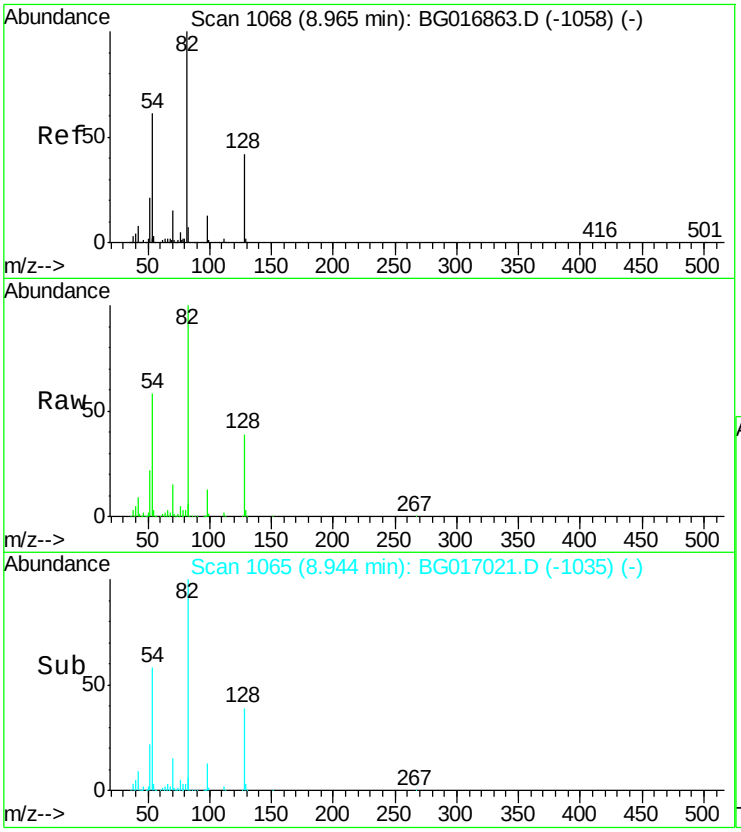


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:136 Resp: 241865

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	9.1	8.7	13.1
68	6.5	5.0	7.4



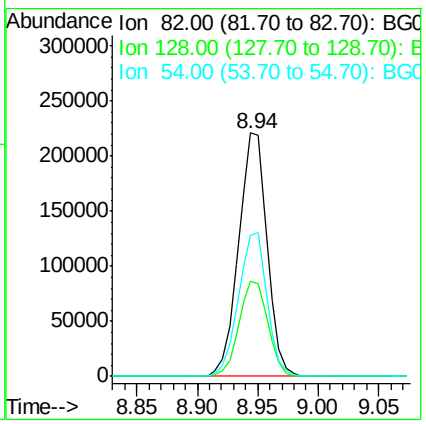


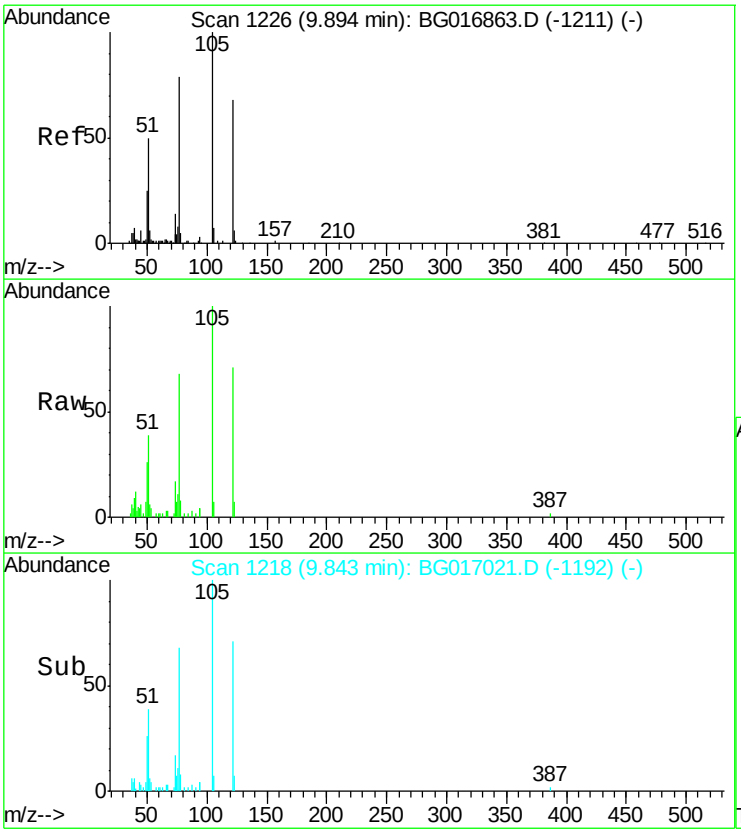
#23
Nitrobenzene-d5
Concen: 73.77 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion: 82 Resp: 365222

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.2	49.8
54	58.2	48.6	72.8

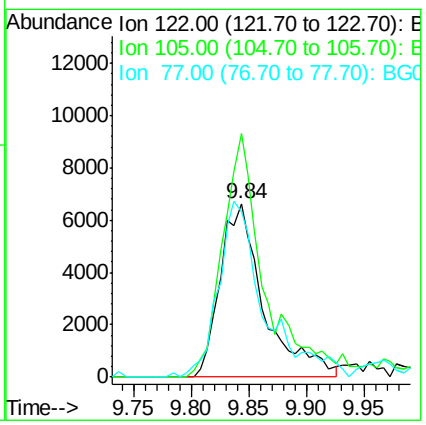


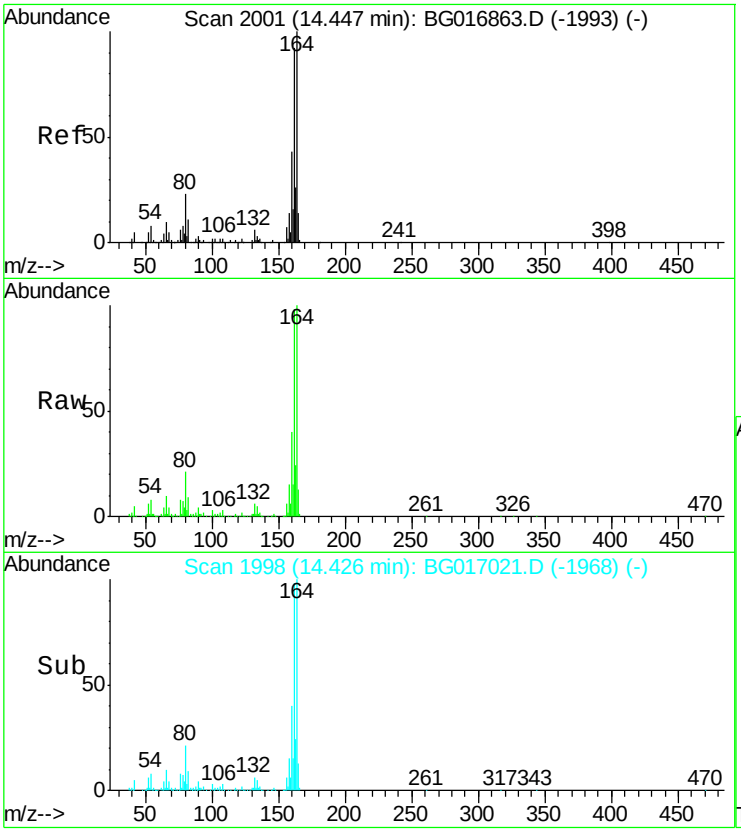


#32
Benzoic acid
Concen: 10.54 ng
RT: 9.84 min Scan# 1218
Delta R.T. -0.05 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:122 Resp: 17433

Ion	Ratio	Lower	Upper
122	100		
105	140.2	123.2	163.2
77	95.5	93.0	133.0



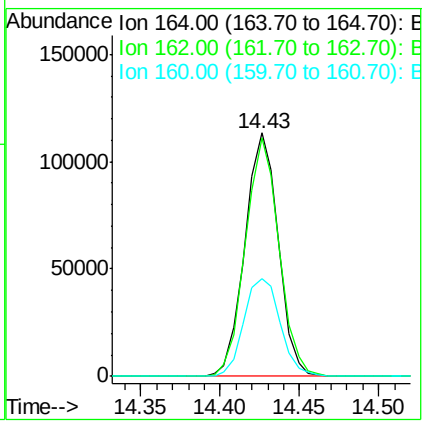


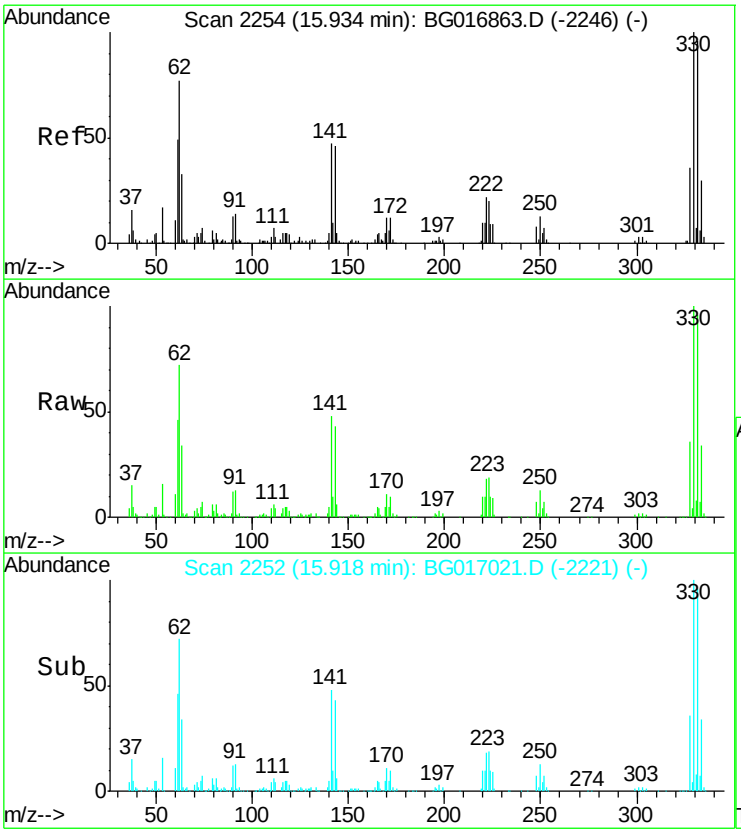
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion:164 Resp: 165527

Ion	Ratio	Lower	Upper
164	100		
162	97.9	74.0	111.0
160	40.3	34.7	52.1

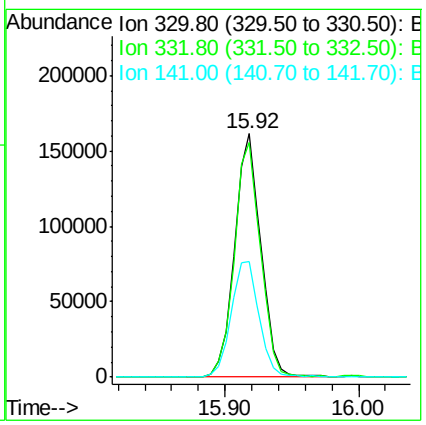


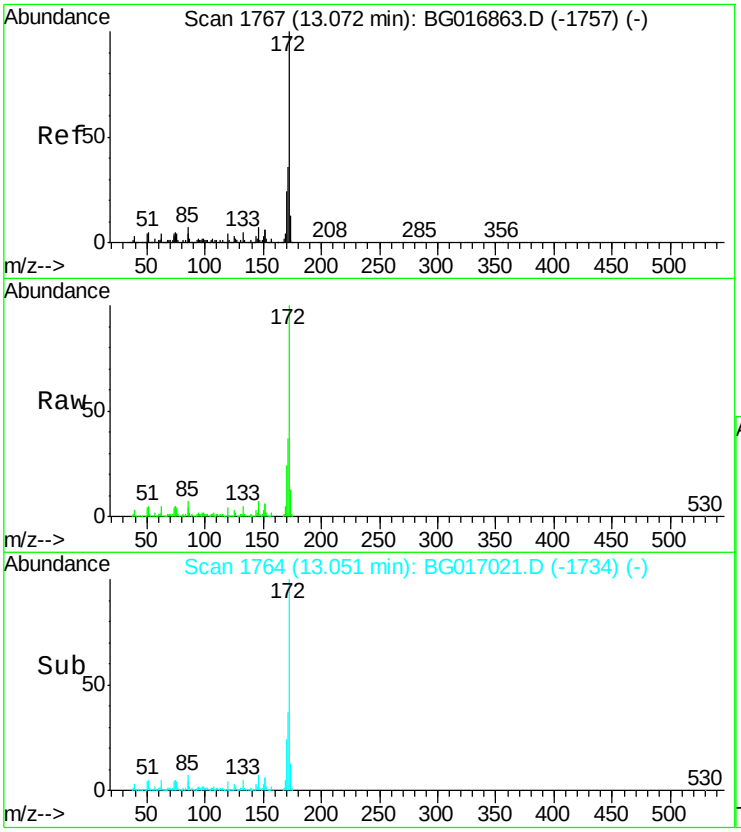


#41
2,4,6-Tribromophenol
Concen: 131.98 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:330 Resp: 219318

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	50.8	0.0	0.0#



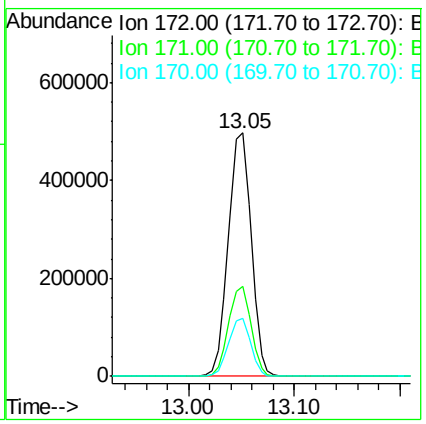


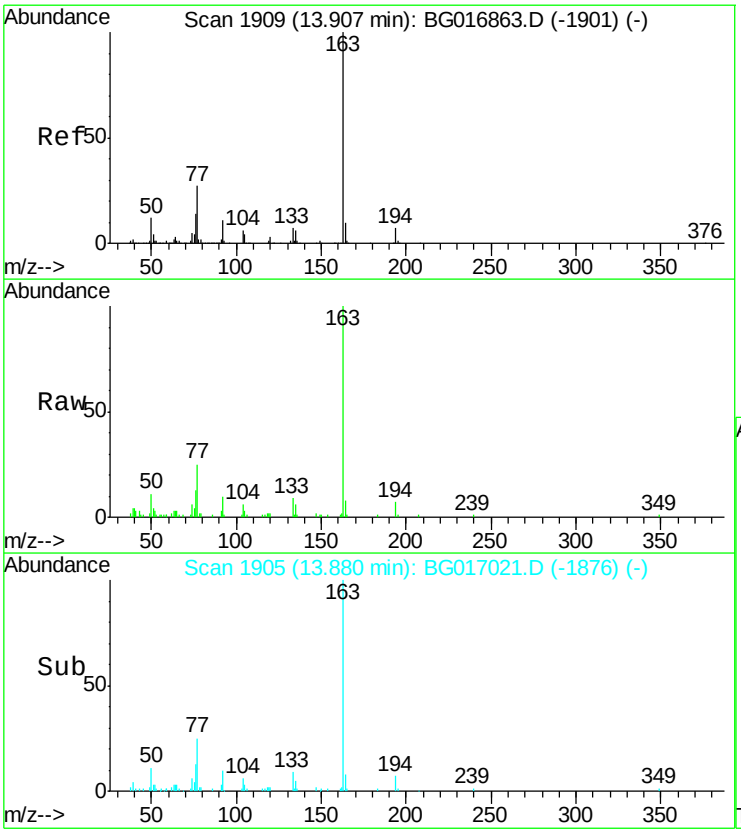
#44
2-Fluorobiphenyl
Concen: 67.71 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion:172 Resp: 742744

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	23.9	19.0	28.4

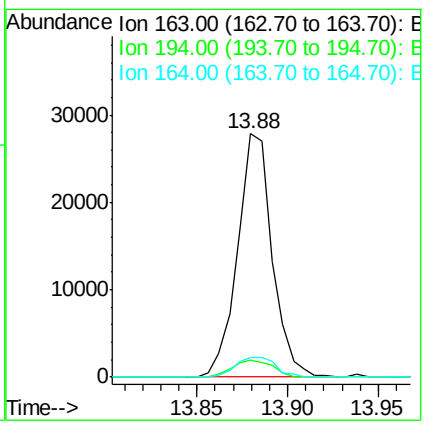


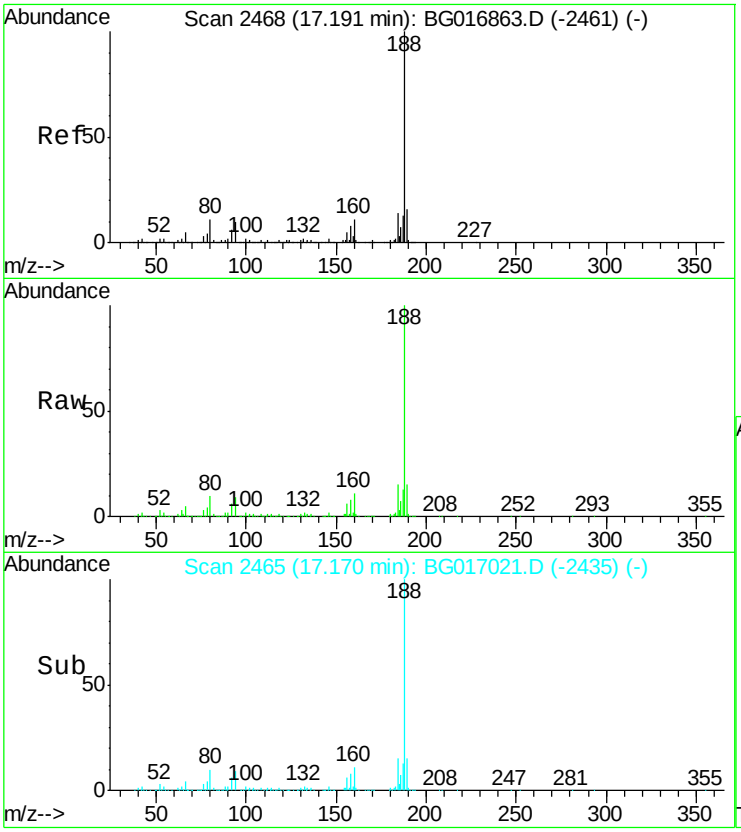


#49
Dimethylphthalate
Concen: 2.99 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:163 Resp: 36985

Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.2	7.8
164	8.1	8.4	12.6#



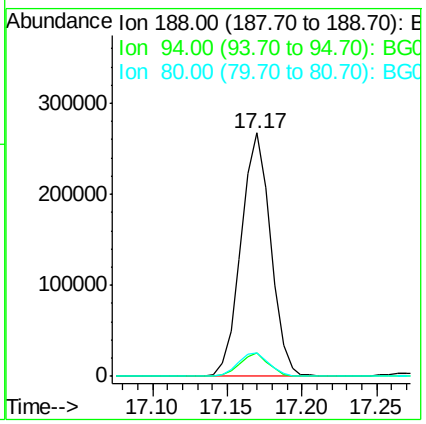


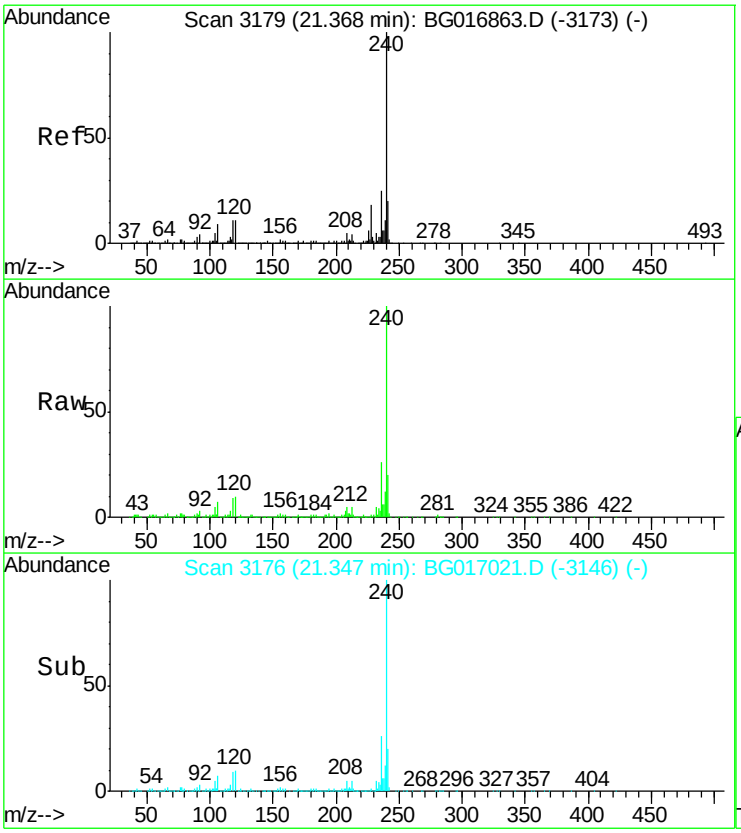
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion:188 Resp: 366785

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	9.9	8.8	13.2

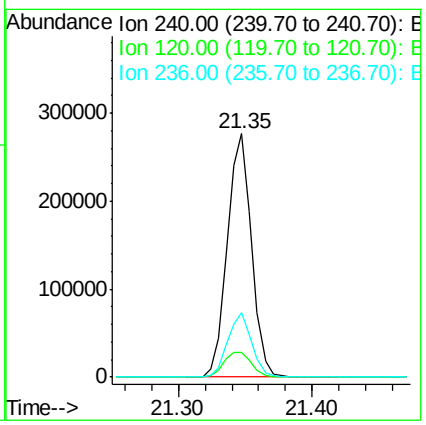


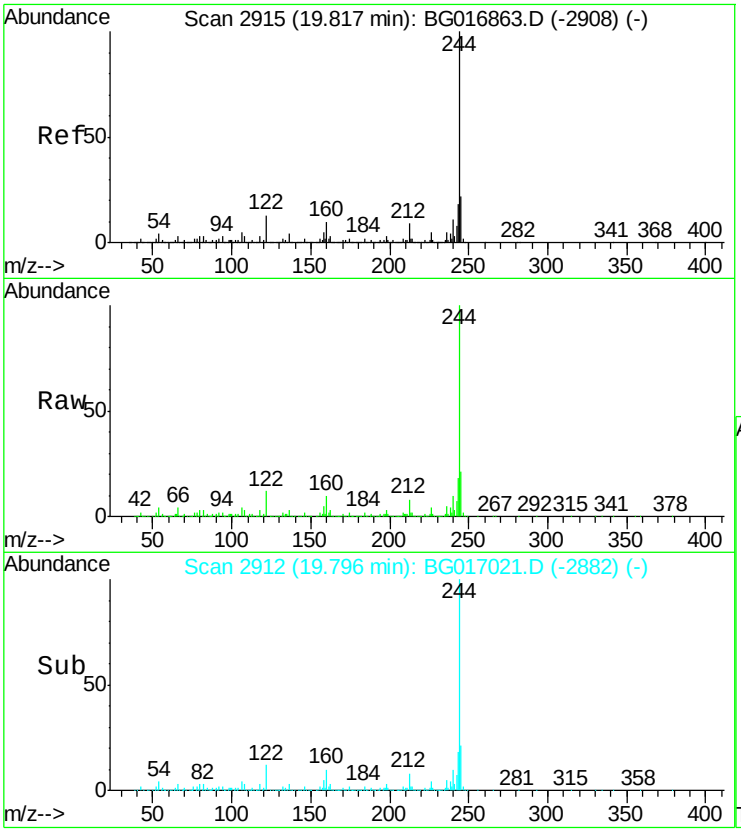


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:240 Resp: 352092

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	26.4	20.2	30.4



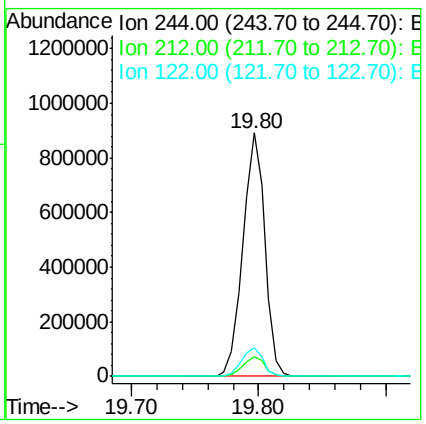


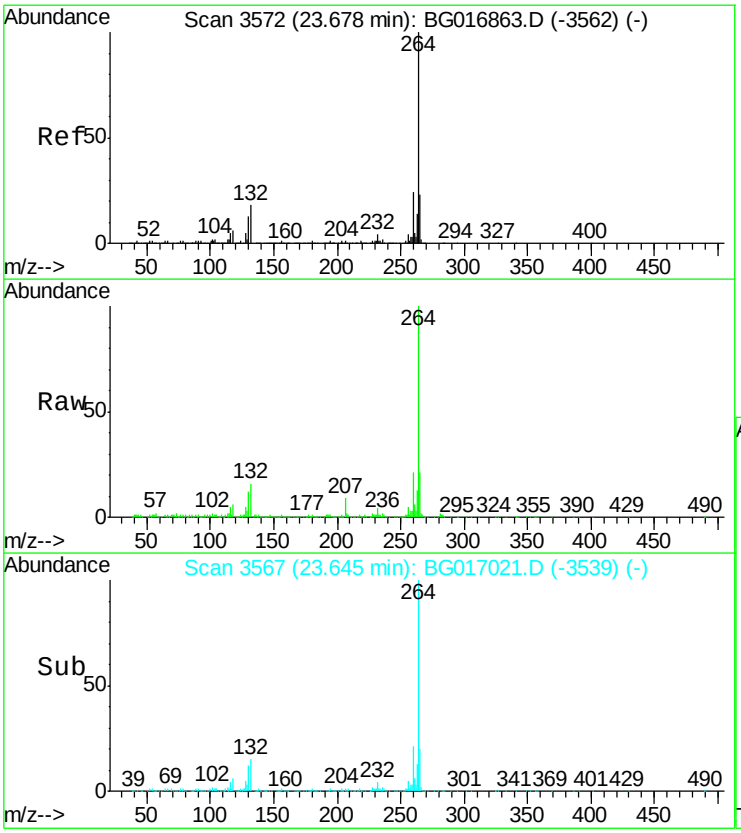
#78
Terphenyl-d14
Concen: 71.09 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tgt Ion:244 Resp: 1067736

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	11.9	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3567
Delta R.T. -0.03 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:264 Resp: 348686

Ion	Ratio	Lower	Upper
264	100		
260	21.0	19.5	29.3
265	20.6	18.5	27.7