Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Time: Jun 05 23:28:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:50:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18803	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	82676	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	58431	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	131061	20.00	ng	0.00
75) Chrysene-d12	21.24	240	156694	20.00	ng	0.00
86) Perylene-d12	23.48	264	163247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	66895	62.68	ng	0.00
7) Phenol-d6	6.85	99	52681	36.23	ng	0.01
23) Nitrobenzene-d5	8.79	82	153026	92.40	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	117208	144.42	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	362556	93.60	ng	0.00
78) Terphenyl-d14	19.69	244	675093	89.05	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.45	107	11359	7.24	ng	# 80
31) Naphthalene	10.47	128	19208	4.45	ng	96
37) 2-Methylnaphthalene	12.10	142	10761	3.24	ng	95

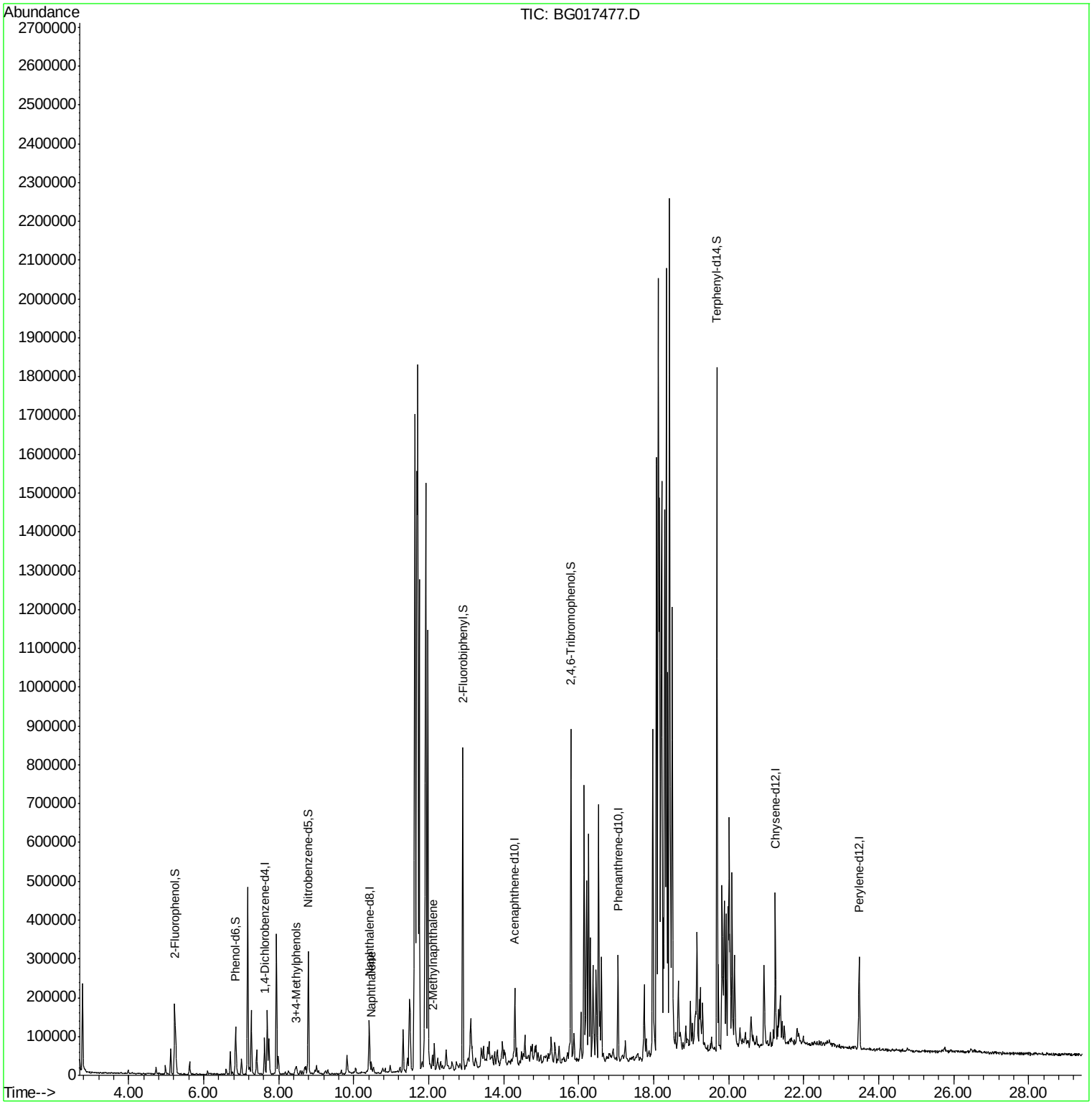
(#) = qualifier out of range (m) = manual integration (+) = signals summed

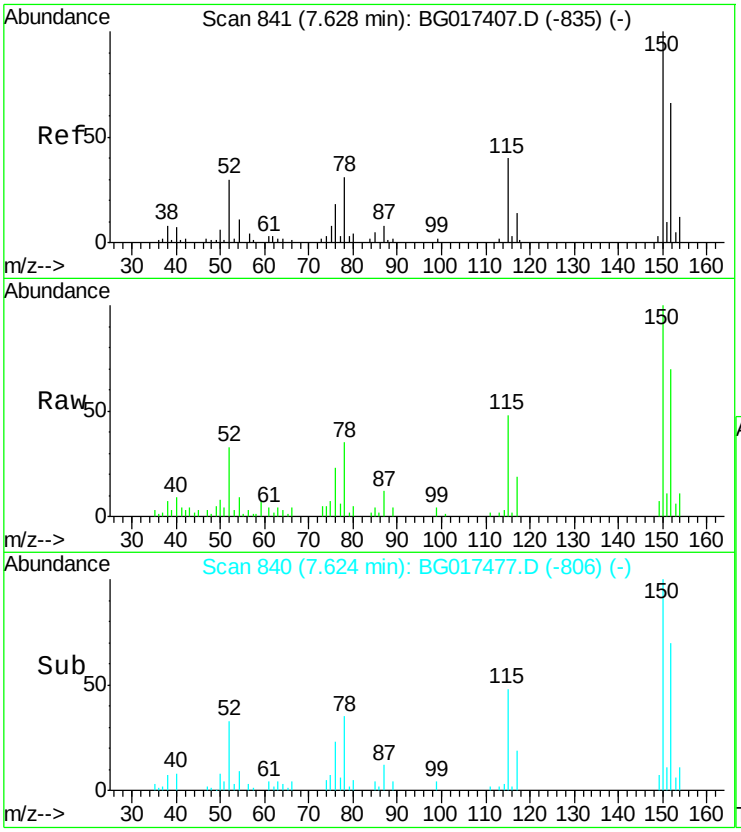
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Quant Time: Jun 05 23:28:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:50:24 2015
Response via : Initial Calibration



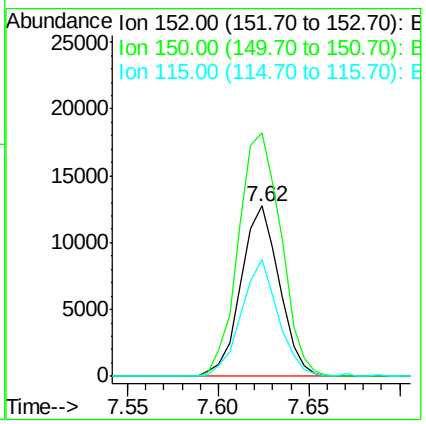


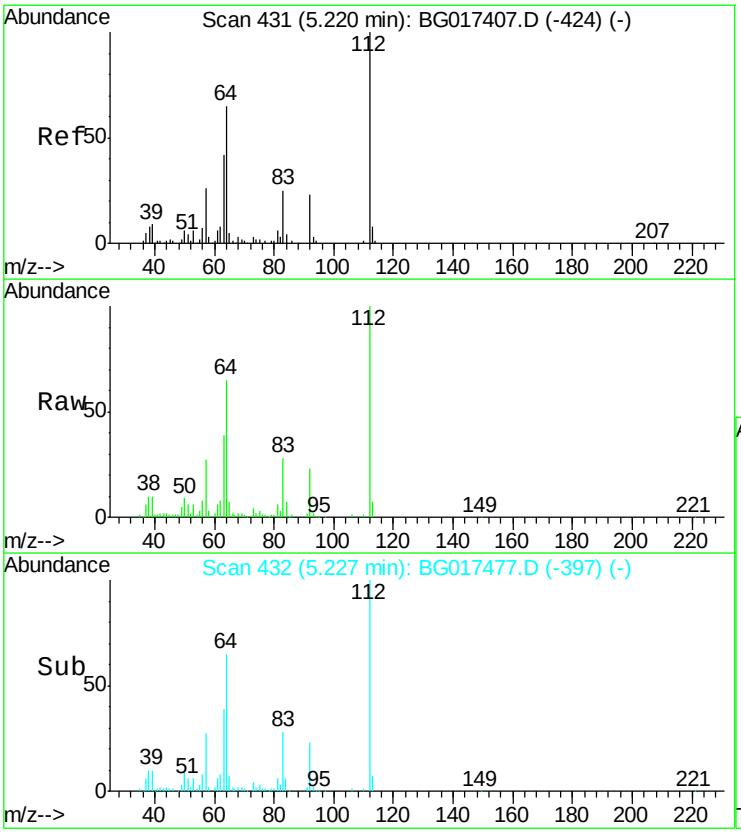
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:152 Resp: 18803

Ion	Ratio	Lower	Upper
152	100		
150	142.8	121.7	182.5
115	68.2	48.6	73.0

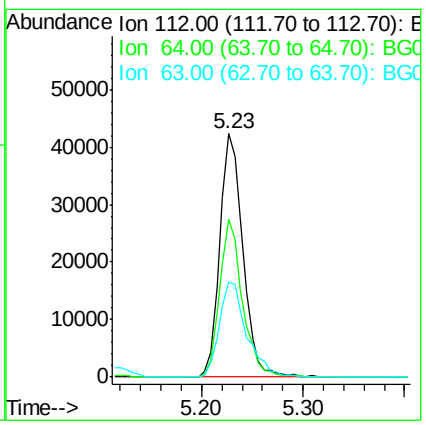


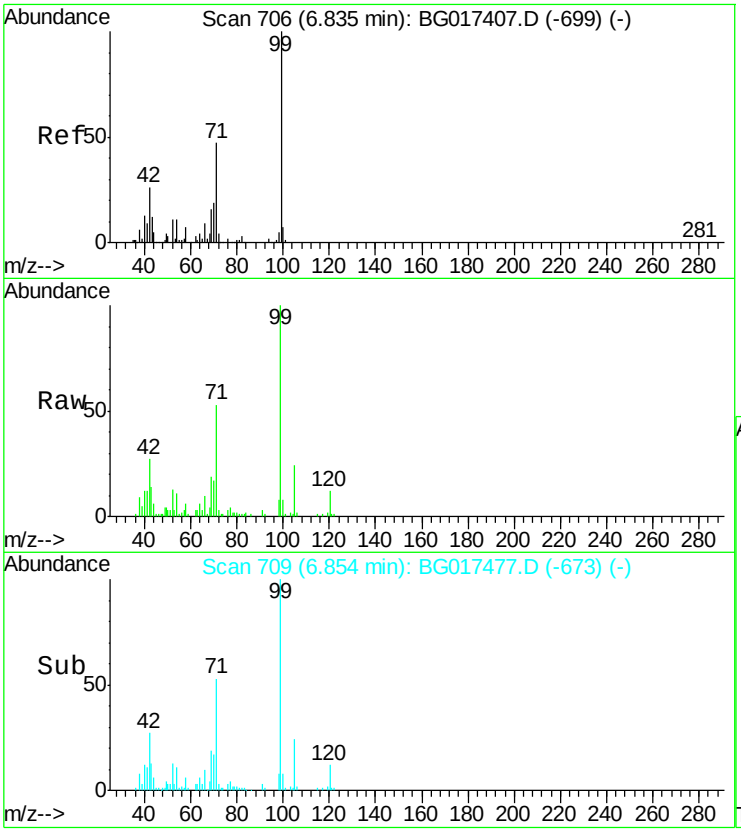


#5
2-Fluorophenol
Concen: 62.68 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:112 Resp: 66895

Ion	Ratio	Lower	Upper
112	100		
64	64.8	51.6	77.4
63	39.2	33.3	49.9



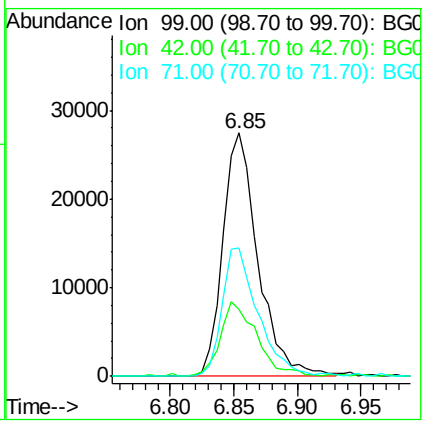


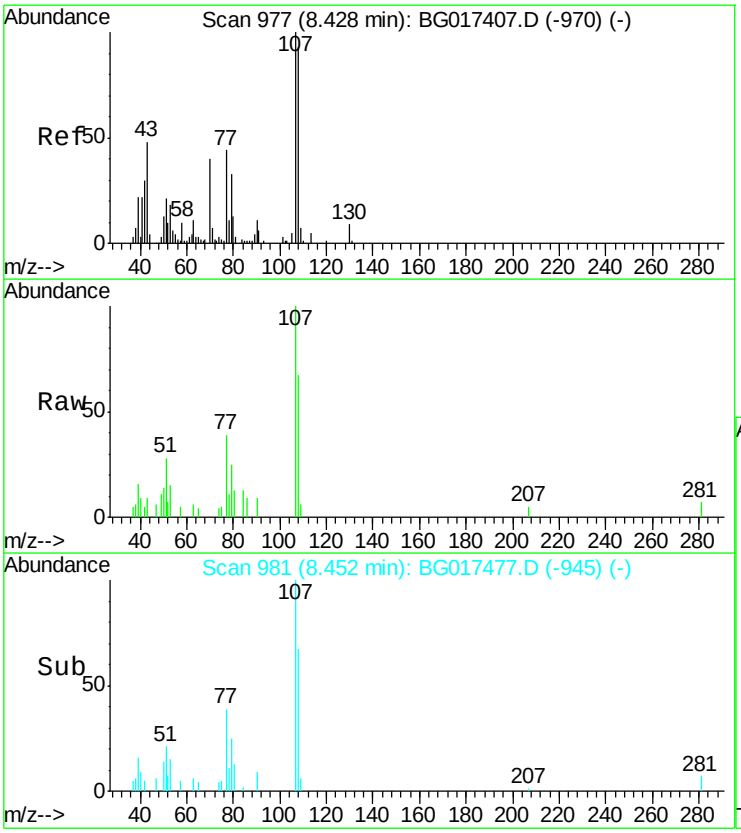
#7
Phenol-d6
Concen: 36.23 ng
RT: 6.85 min Scan# 709
Delta R.T. 0.01 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion: 99 Resp: 52681

Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.0	31.6
71	52.5	37.2	55.8

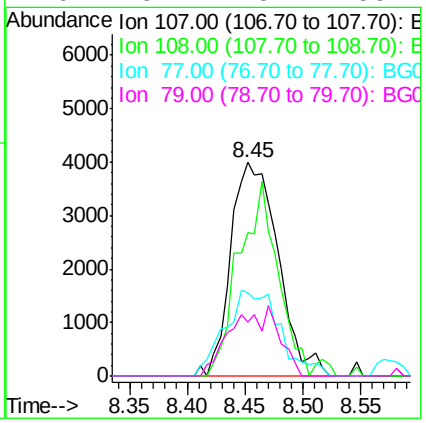


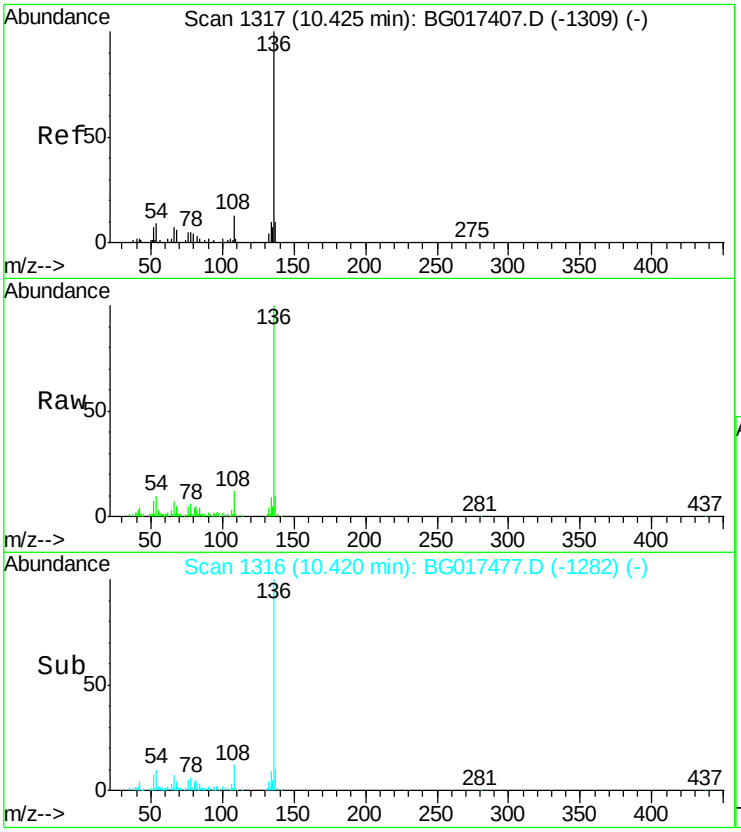


#20
3+4-Methylphenols
Concen: 7.24 ng
RT: 8.45 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:107 Resp: 11359

Ion	Ratio	Lower	Upper
107	100		
108	67.1	73.0	113.0#
77	38.9	23.9	63.9
79	25.4	13.4	53.4



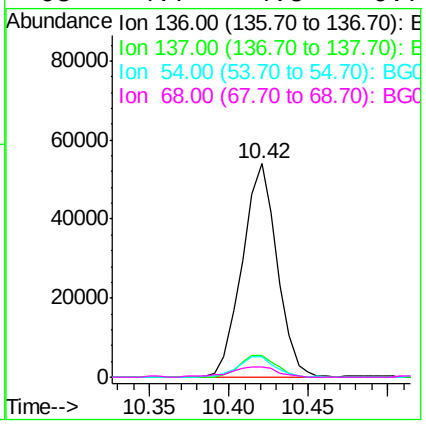


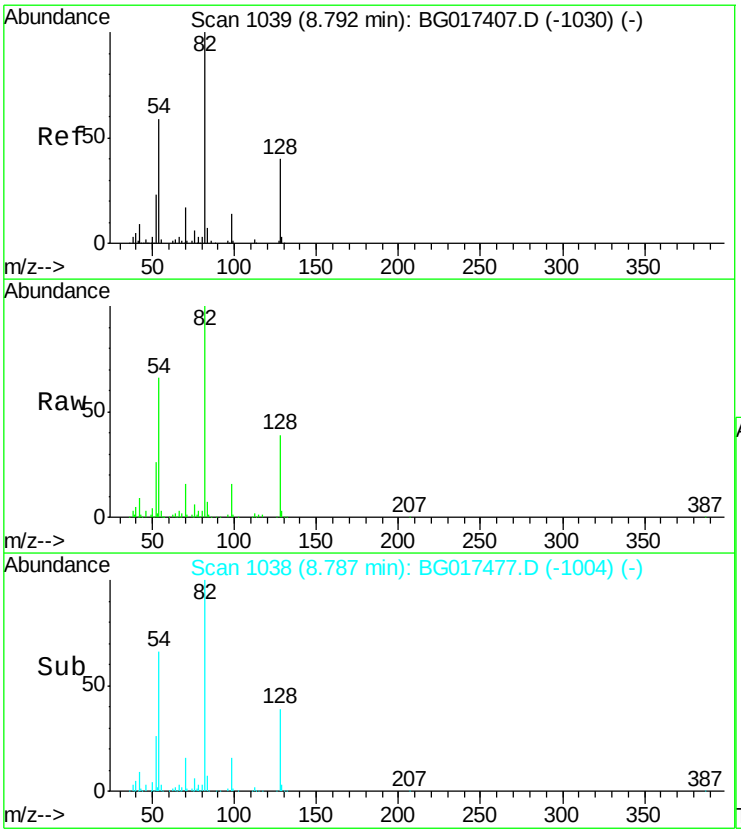
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:136 Resp: 82676

Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.9	11.9
54	9.5	7.2	10.8
68	4.7	4.5	6.7

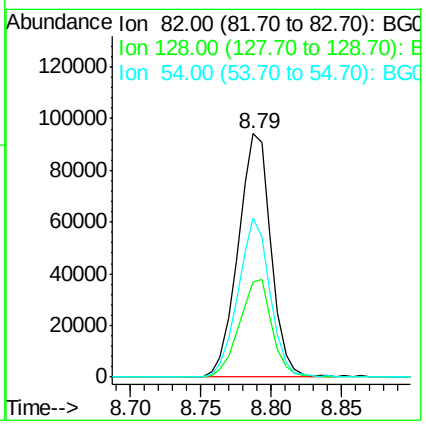


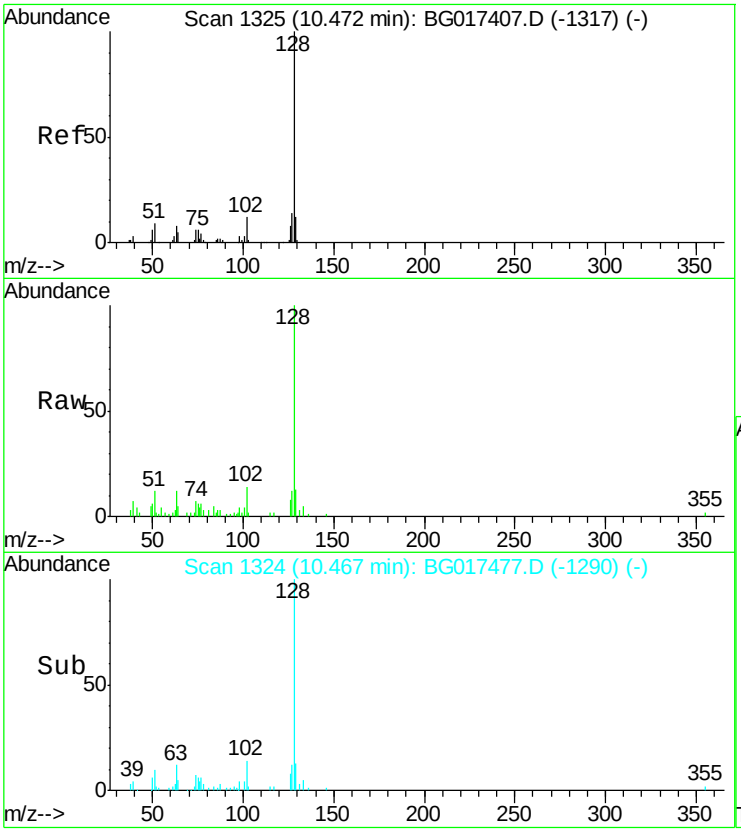


#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion: 82 Resp: 153026

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.2	48.4
54	65.6	47.4	71.2



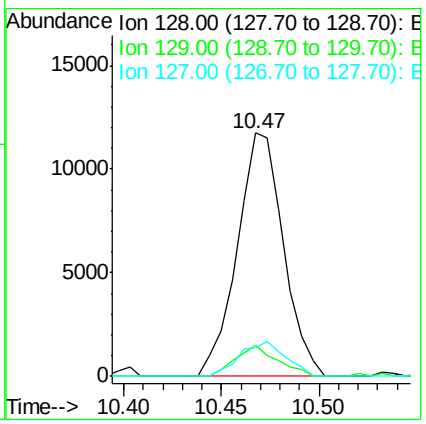


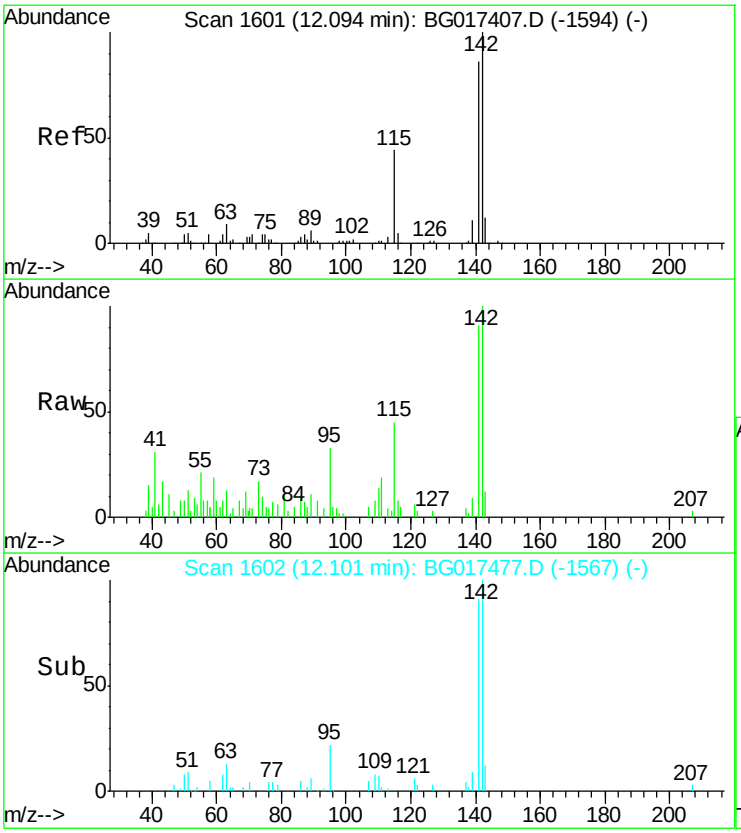
#31
Naphthalene
Concen: 4.45 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:128 Resp: 19208

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.2	13.8
127	11.9	10.9	16.3

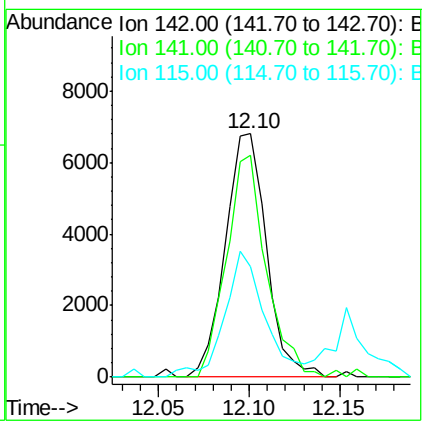


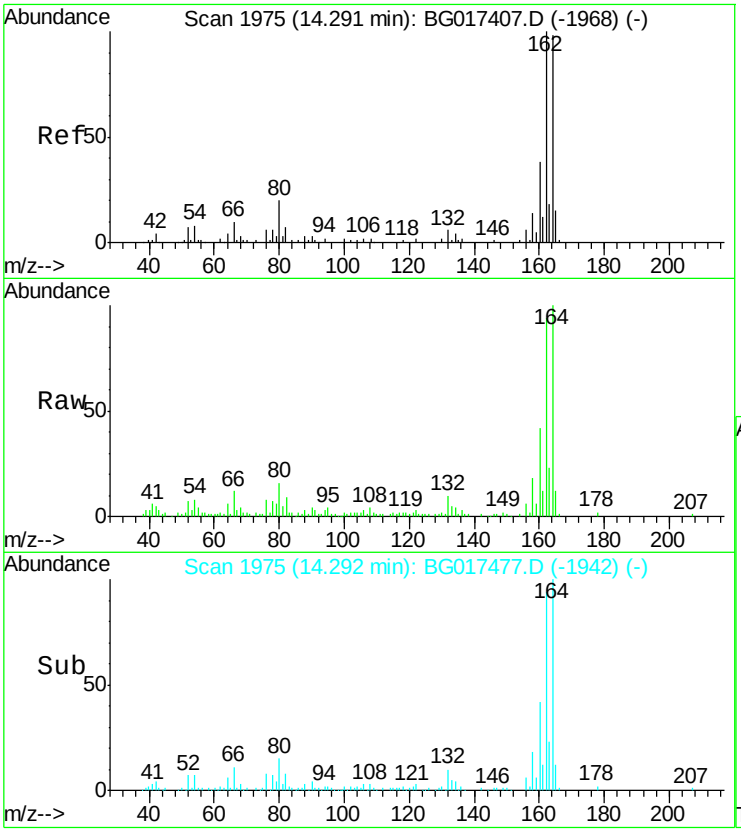


#37
2-Methylnaphthalene
Concen: 3.24 ng
RT: 12.10 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:142 Resp: 10761

Ion	Ratio	Lower	Upper
142	100		
141	91.2	68.6	102.8
115	45.3	35.3	52.9



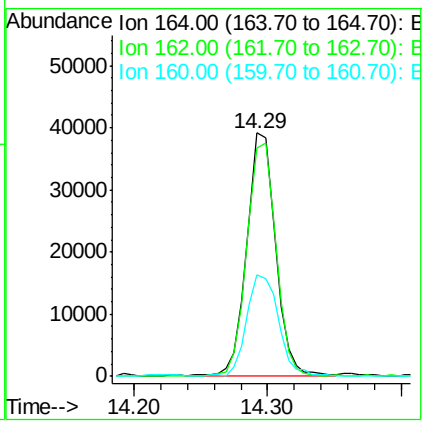


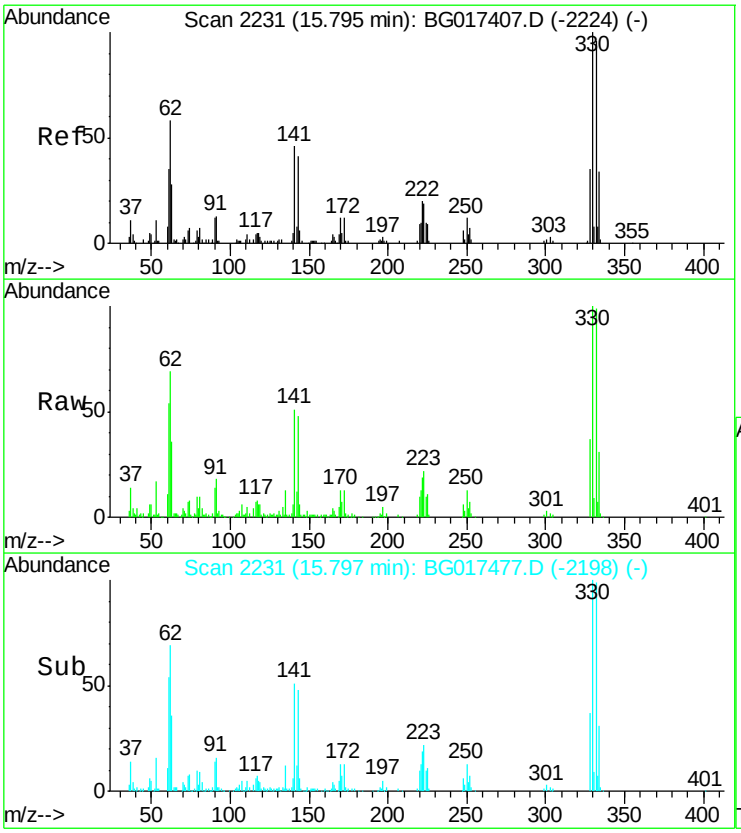
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:164 Resp: 58431

Ion	Ratio	Lower	Upper
164	100		
162	93.6	81.8	122.6
160	41.6	31.0	46.4

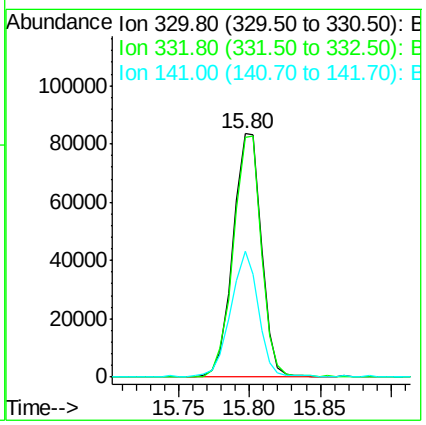


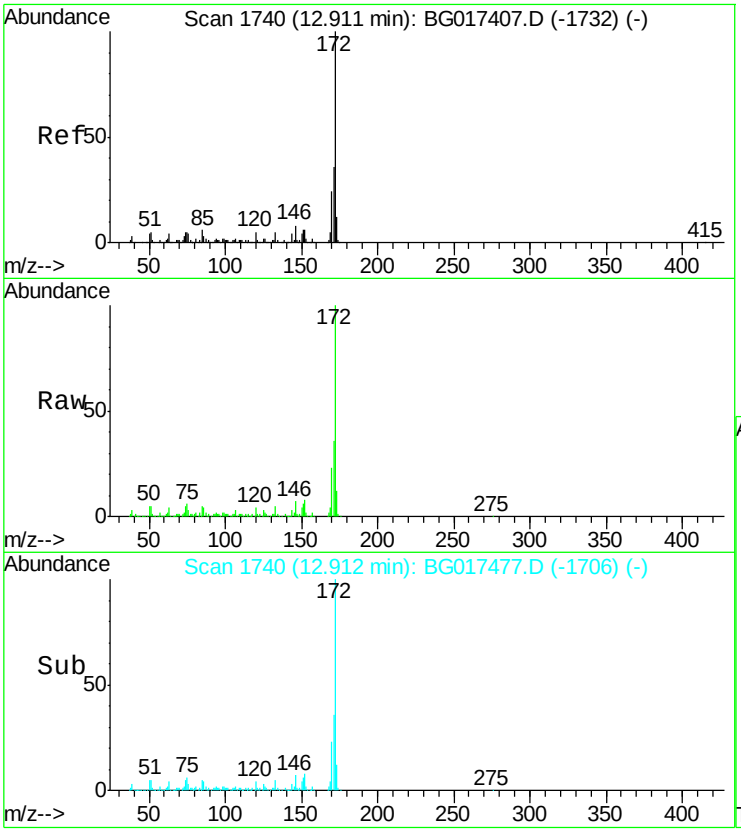


#41
2,4,6-Tribromophenol
Concen: 144.42 ng
RT: 15.80 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:330 Resp: 117208

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.9	113.9
141	50.4	40.2	60.4



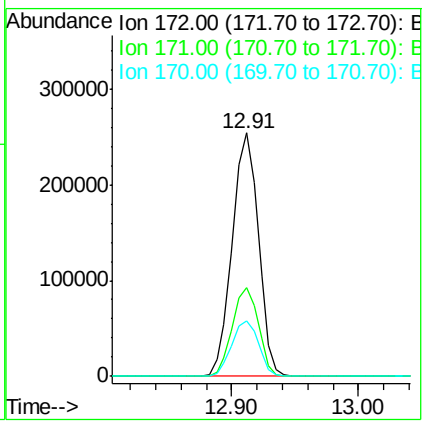


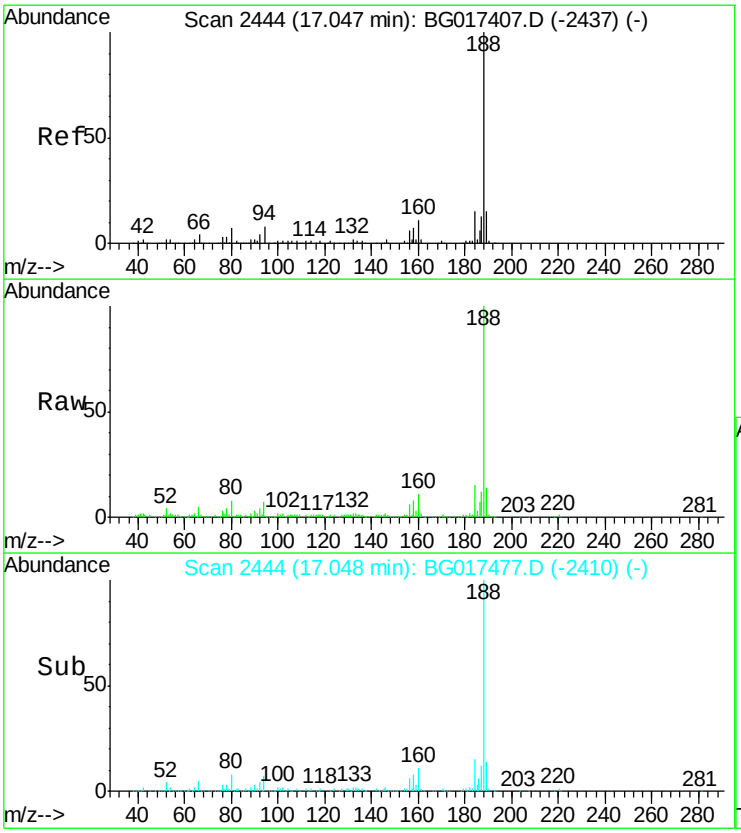
#44
2-Fluorobiphenyl
Concen: 93.60 ng
RT: 12.91 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:172 Resp: 362556

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.0	18.9	28.3

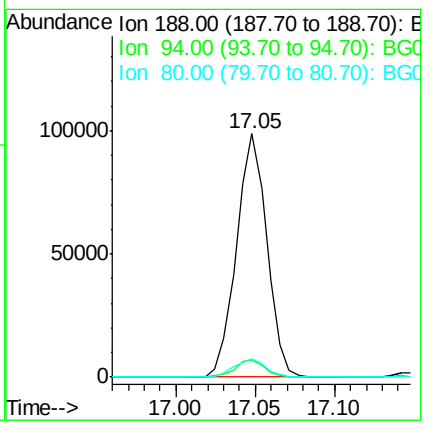


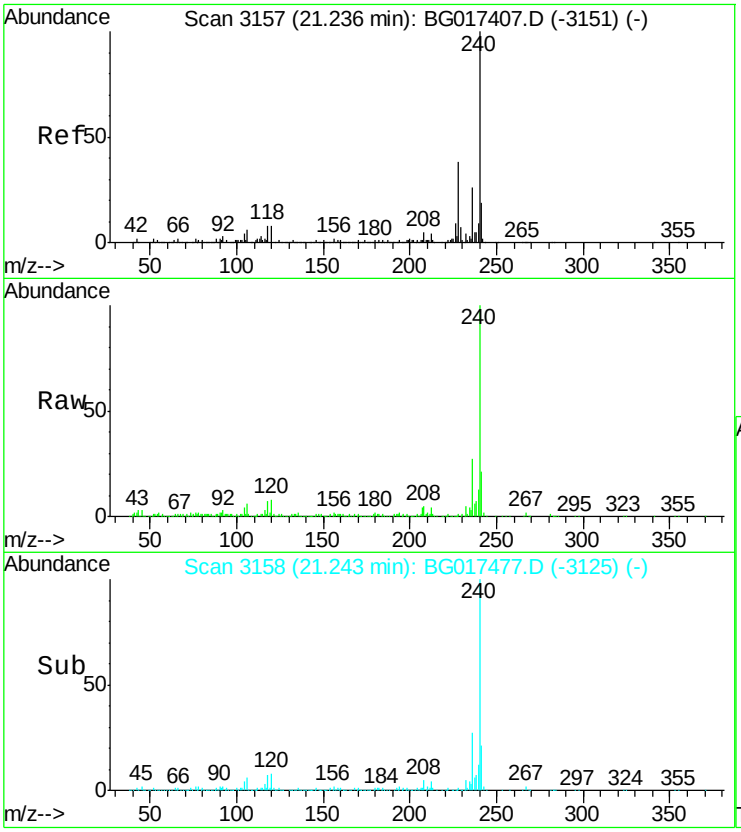


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:188 Resp: 131061

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.3	9.5
80	7.6	5.2	7.8



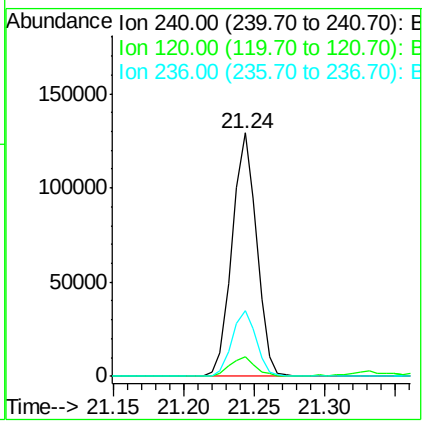


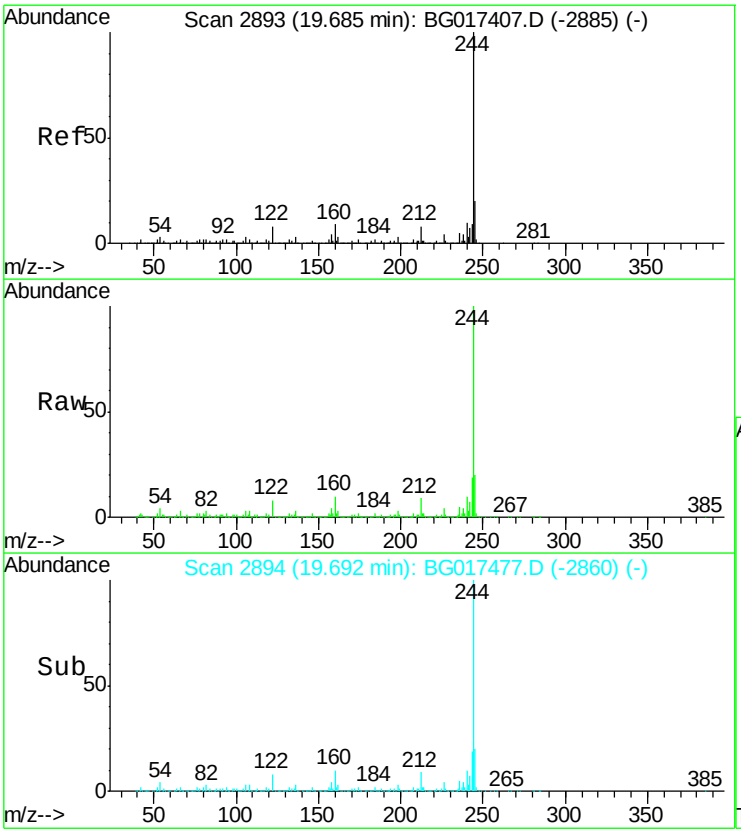
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:240 Resp: 156694

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.9	20.8	31.2

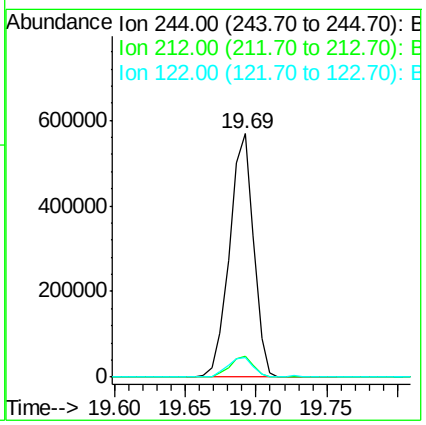


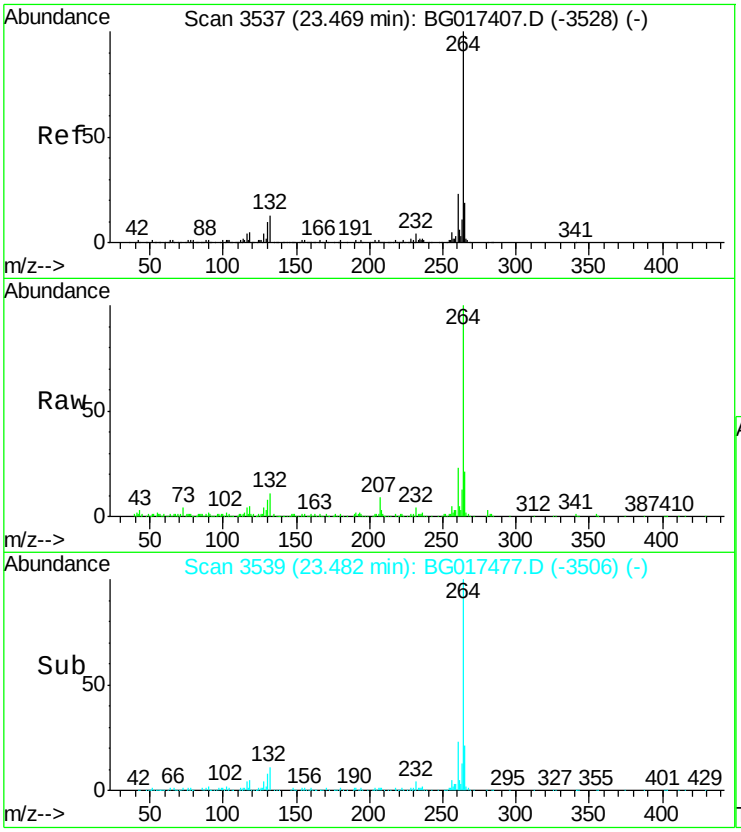


#78
Terphenyl-d14
Concen: 89.05 ng
RT: 19.69 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:244 Resp: 675093

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	8.0	6.6	10.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.48 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Tgt Ion:264 Resp: 163247

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.9	15.8	23.6