Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017744.D
Acq On : 22 Jun 2015 13:44
Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SVOC-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2015-01

Quant Time: Jun 23 12:37:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	66363	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	295421	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	178117	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	401134	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	441123	20.00	ng	-0.02
86) Perylene-d12	23.44	264	407914	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	431718	114.17	ng	-0.01
7) Phenol-d6	6.79	99	580567	109.23	ng	-0.01
23) Nitrobenzene-d5	8.76	82	357616	69.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.76	330	157647	95.45	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	724079	66.02	ng	-0.02
78) Terphenyl-d14	19.66	244	1209919	62.32	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	8705	5.28	ng	# 67

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

Quantitation Report (QT Reviewed)

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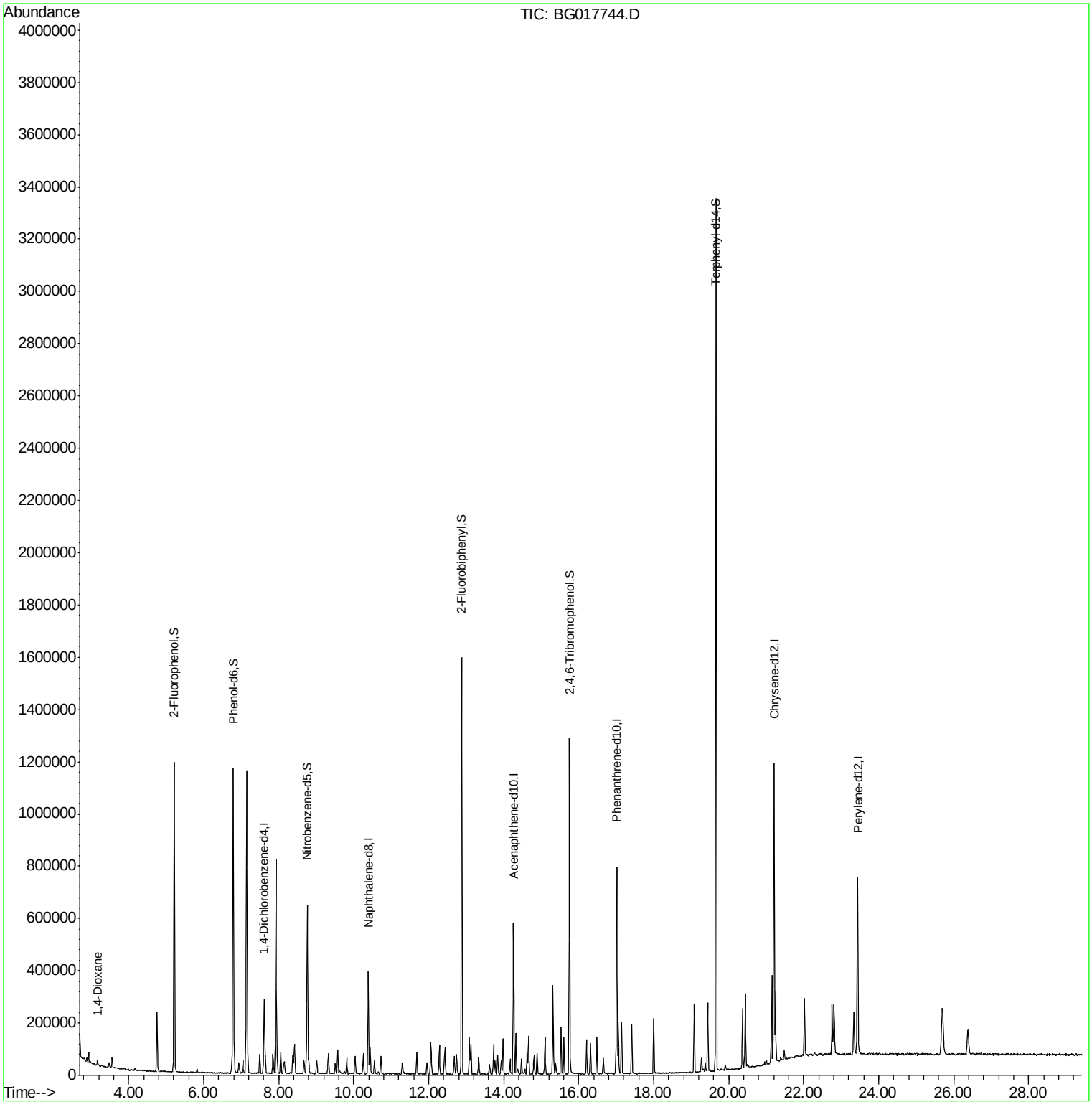
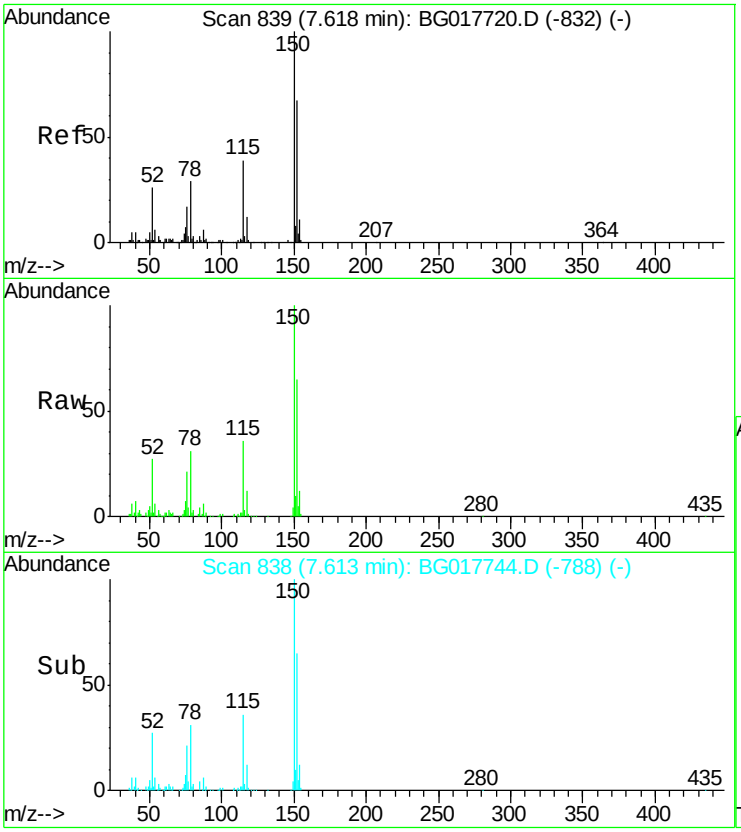


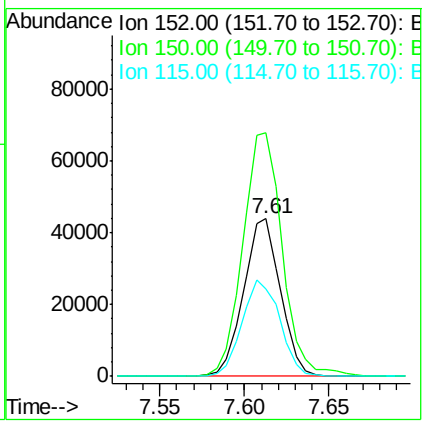


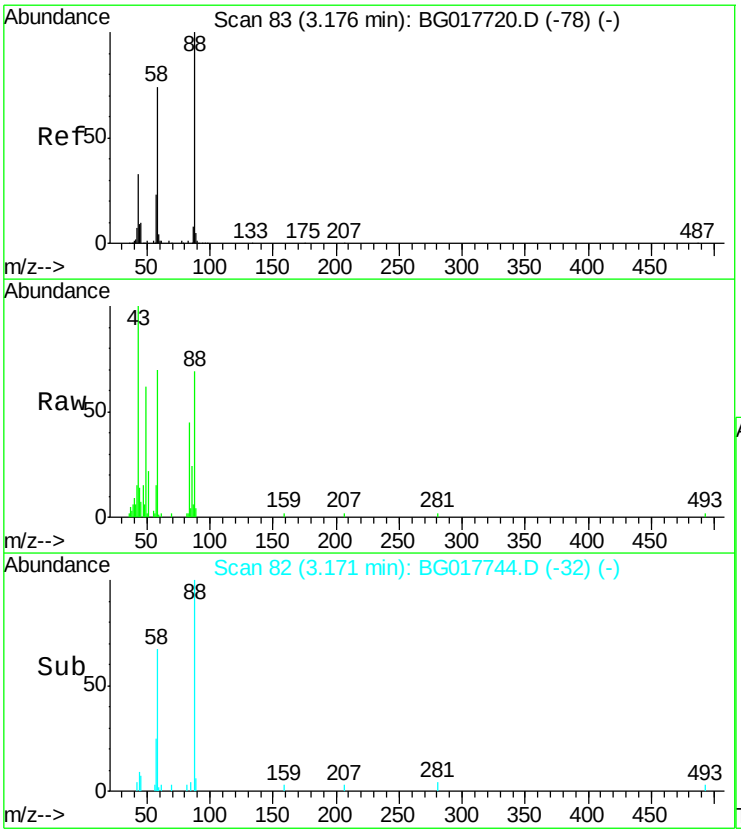
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 66363

Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.1	178.7
115	55.5	47.0	70.4

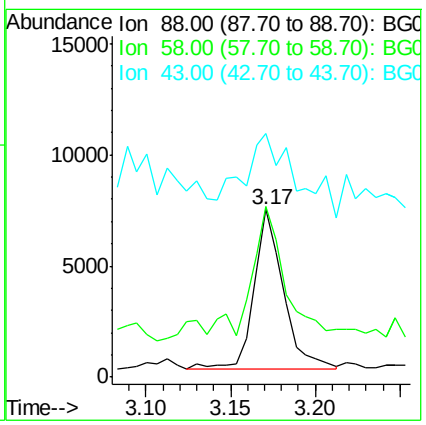


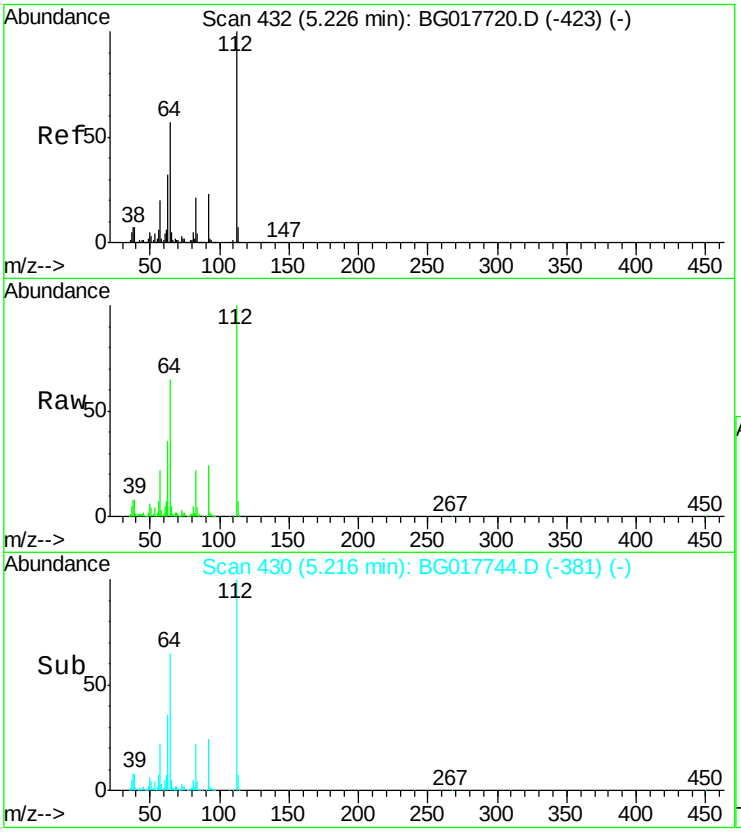


#2
1,4-Dioxane
Concen: 5.28 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.00 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Tgt Ion: 88 Resp: 8705

Ion	Ratio	Lower	Upper
88	100		
58	87.7	55.8	83.8#
43	66.4	27.4	41.2#



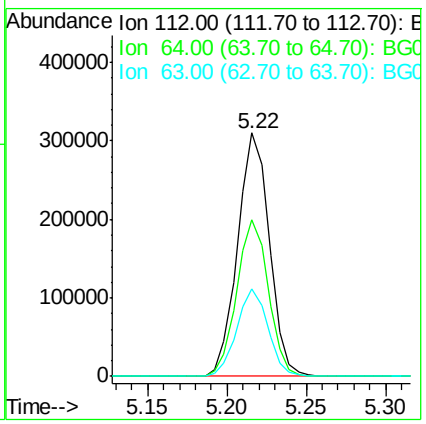


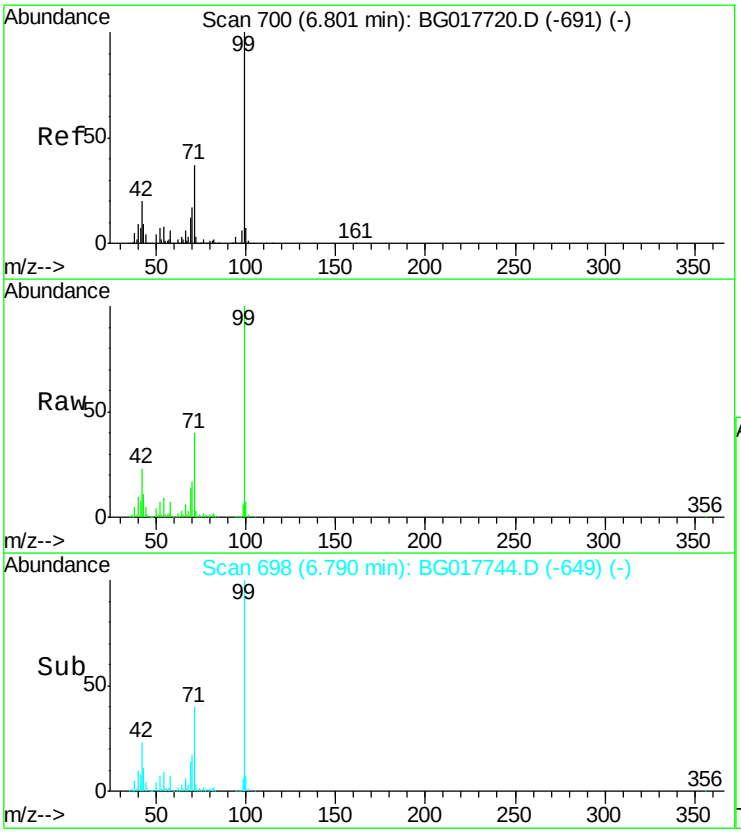
#5
2-Fluorophenol
Concen: 114.17 ng
RT: 5.22 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:112 Resp: 431718

Ion	Ratio	Lower	Upper
112	100		
64	64.5	45.4	68.0
63	35.9	25.3	37.9

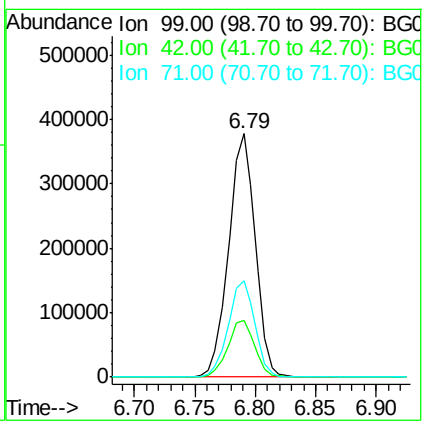


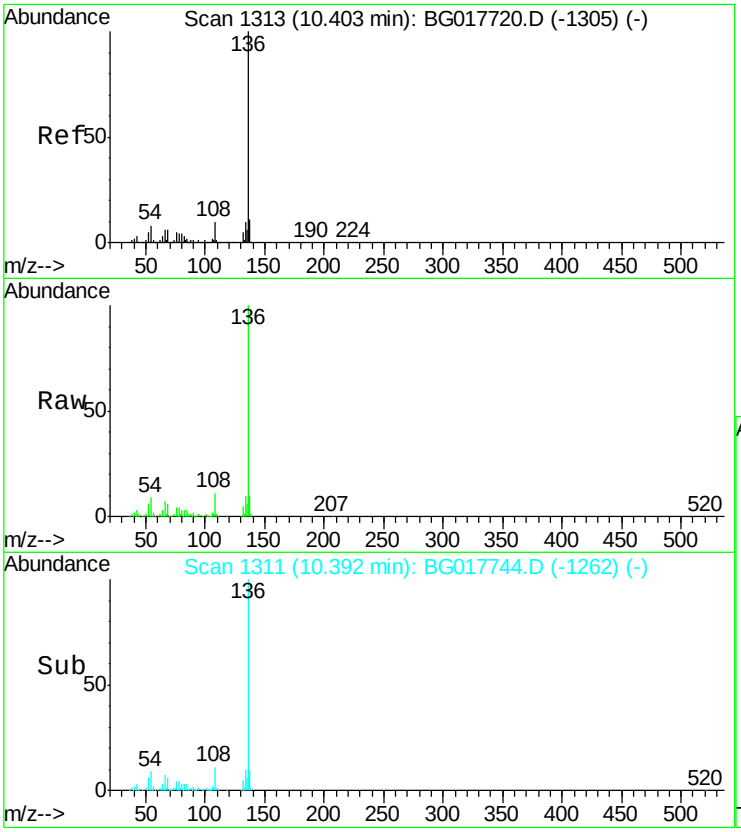


#7
Phenol-d6
Concen: 109.23 ng
RT: 6.79 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Tgt Ion: 99 Resp: 580567

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.2	24.4
71	39.7	29.5	44.3



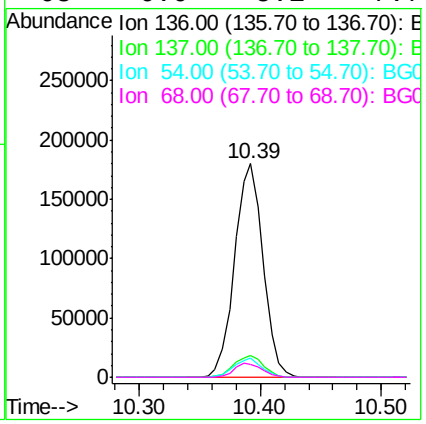


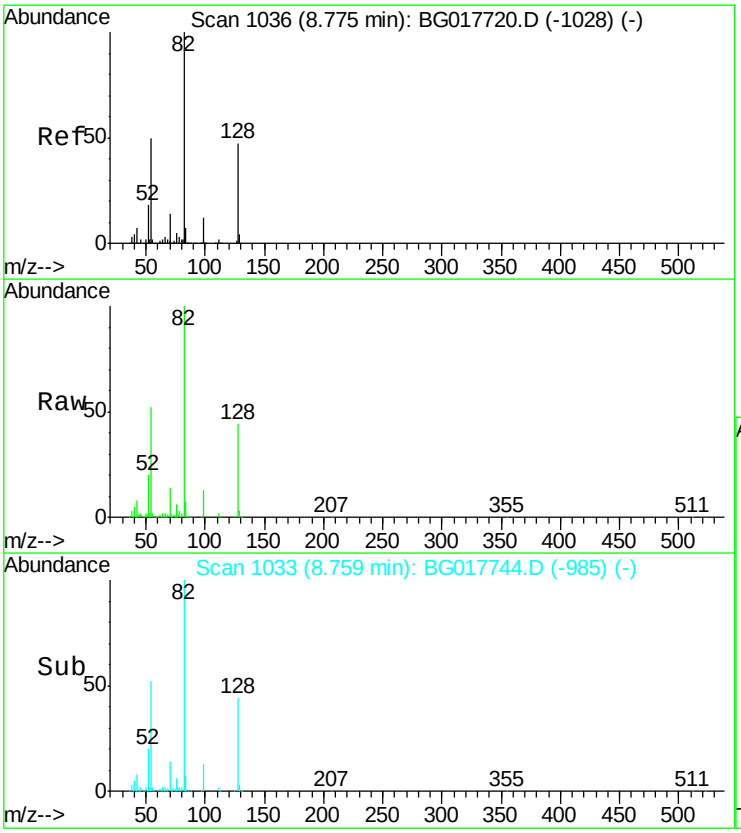
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:136 Resp: 295421

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	9.1	6.6	9.8
68	6.0	5.1	7.7

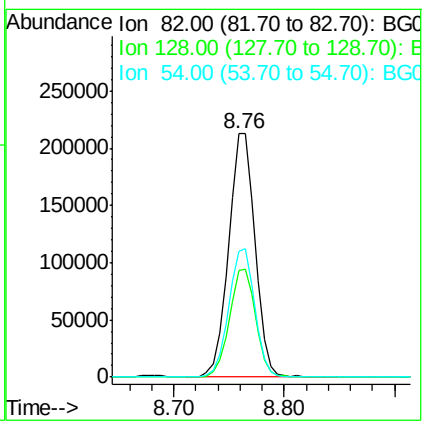


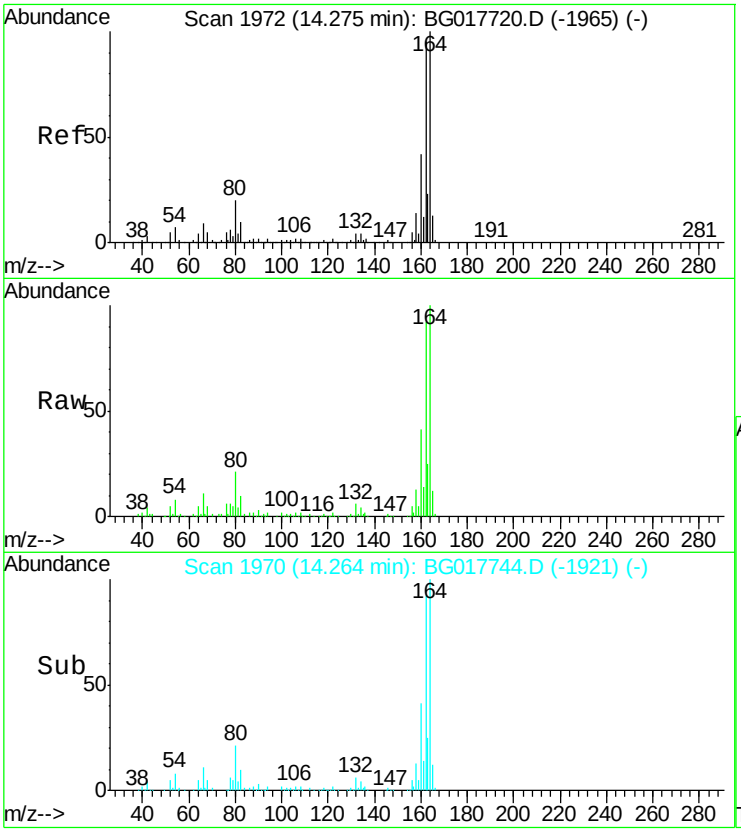


#23
Nitrobenzene-d5
Concen: 69.63 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Tgt Ion: 82 Resp: 357616

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.8	56.6
54	51.9	39.9	59.9



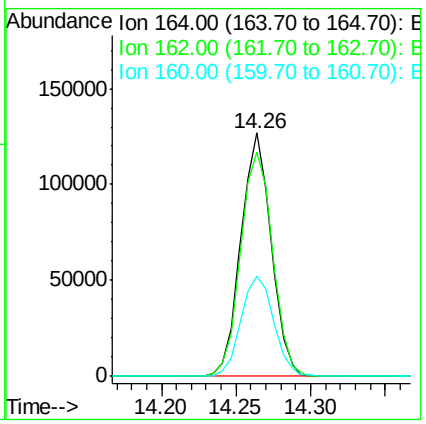


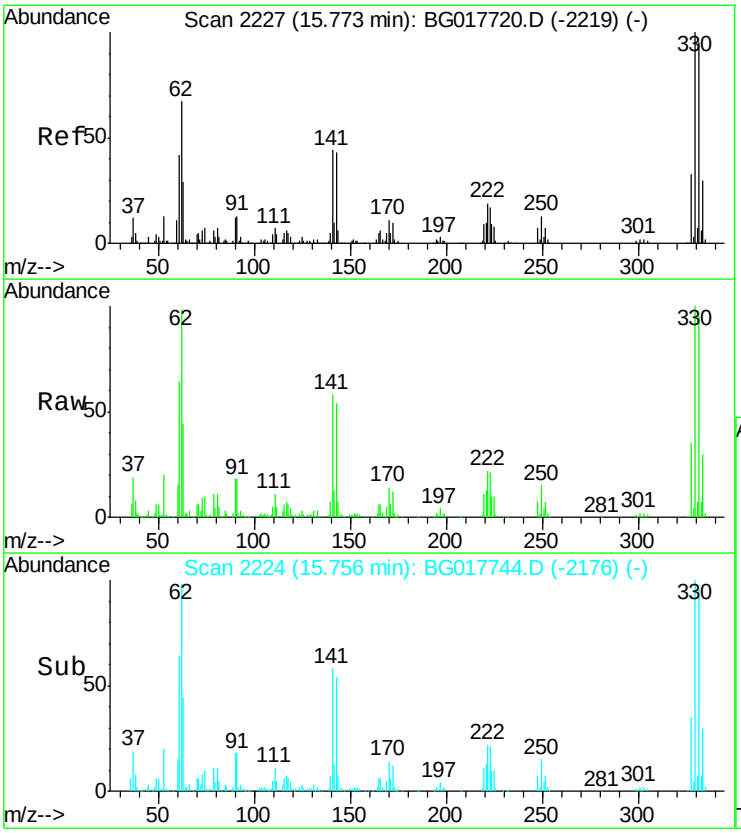
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.26 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:164 Resp: 178117

Ion	Ratio	Lower	Upper
164	100		
162	92.4	76.3	114.5
160	41.4	33.7	50.5

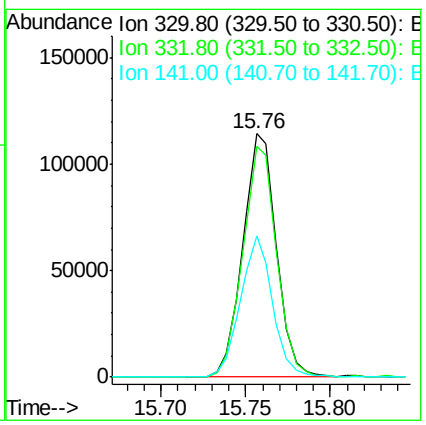


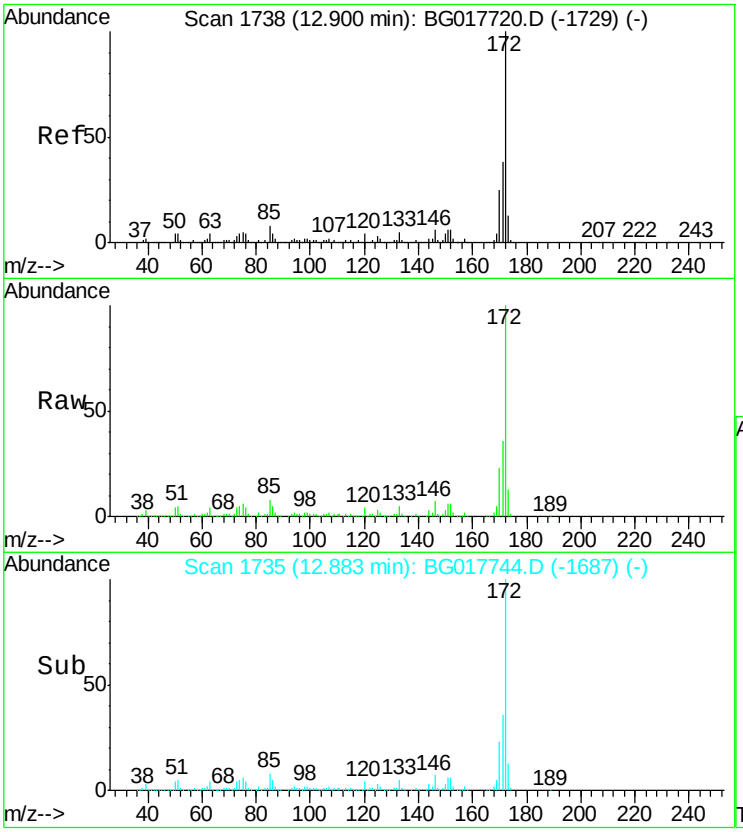


#41
2,4,6-Tribromophenol
Concen: 95.45 ng
RT: 15.76 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Tgt Ion:330 Resp: 157647

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	55.9	38.0	57.0



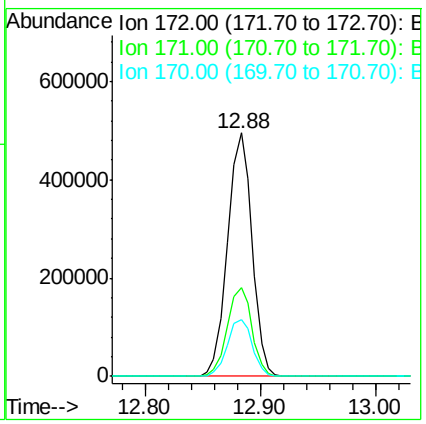


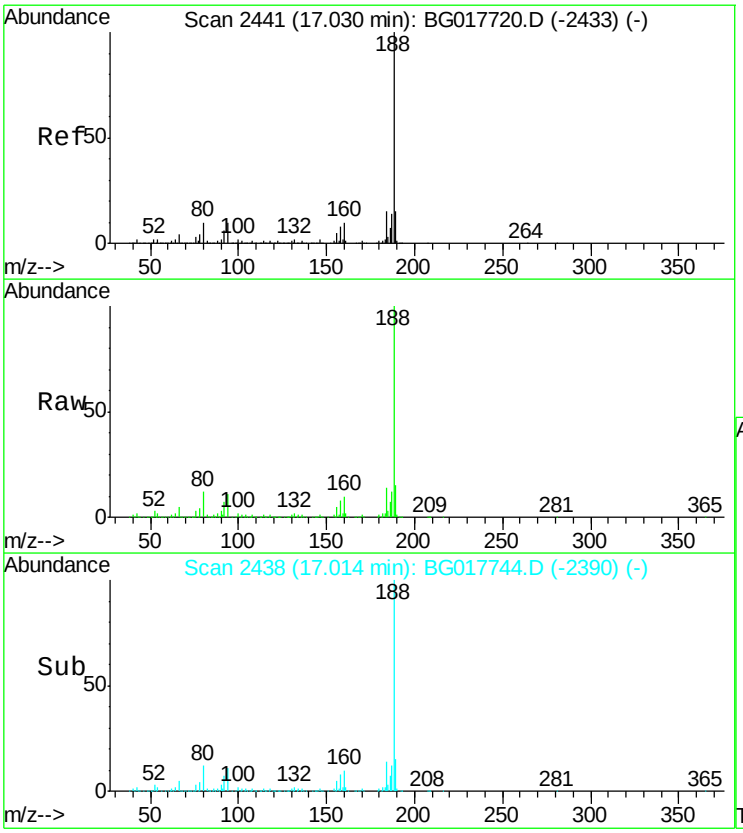
#44
2-Fluorobiphenyl
Concen: 66.02 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:172 Resp: 724079

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	23.4	19.7	29.5

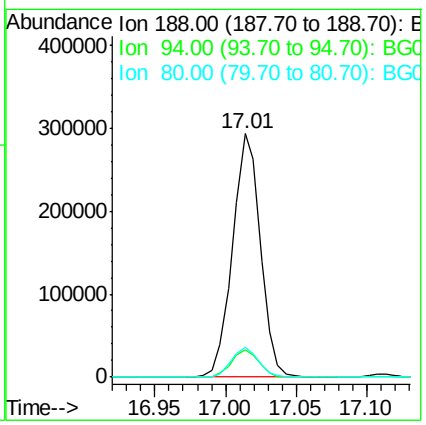


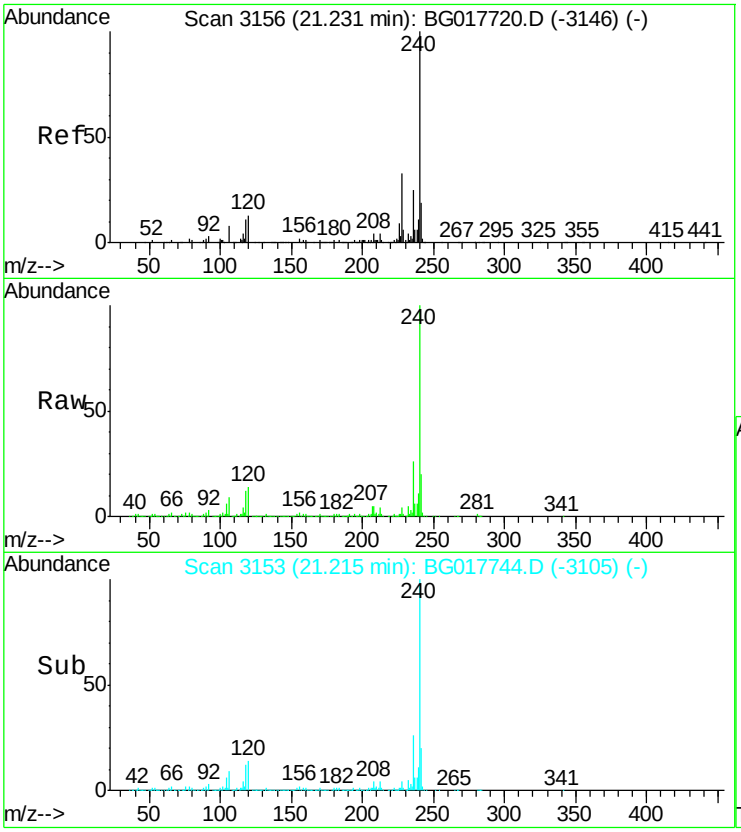


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Tgt Ion:188 Resp: 401134

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.2	12.2
80	12.3	8.2	12.4



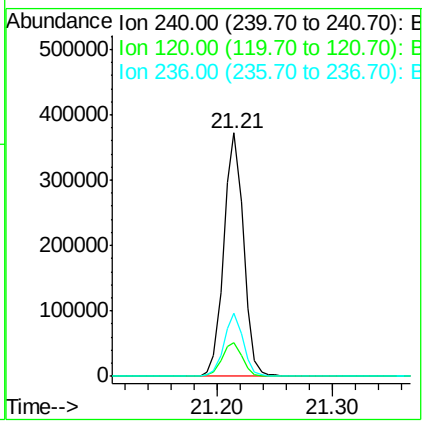


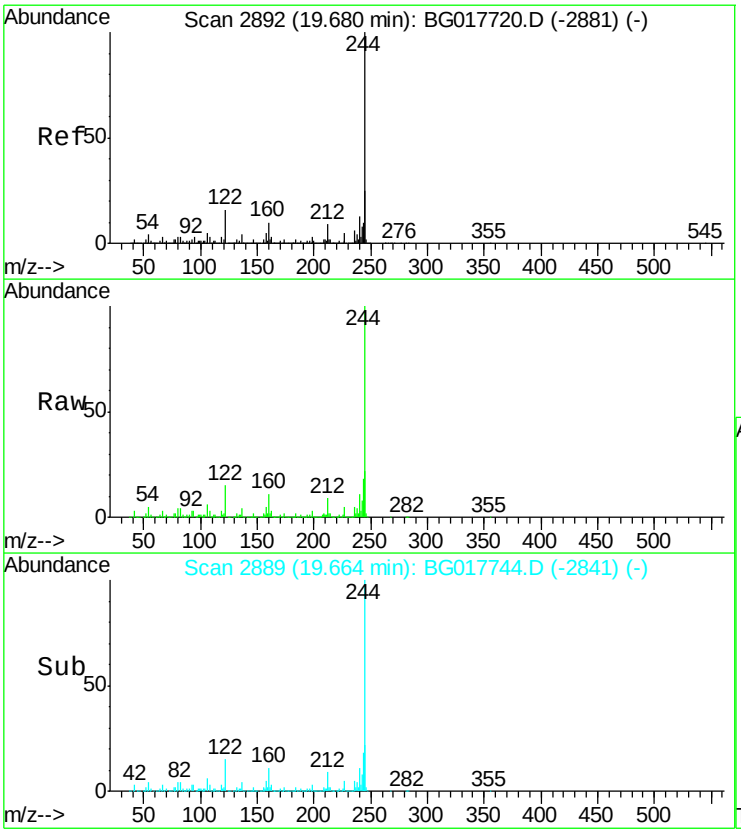
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:240 Resp: 441123

Ion	Ratio	Lower	Upper
240	100		
120	13.9	10.8	16.2
236	26.1	20.0	30.0

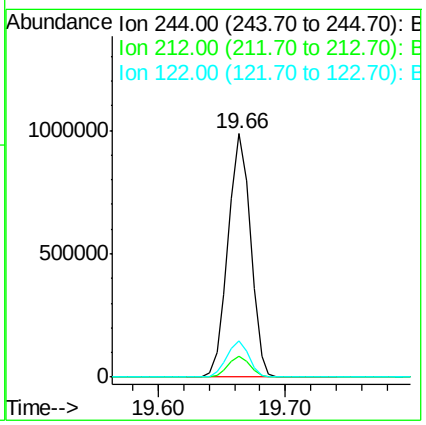


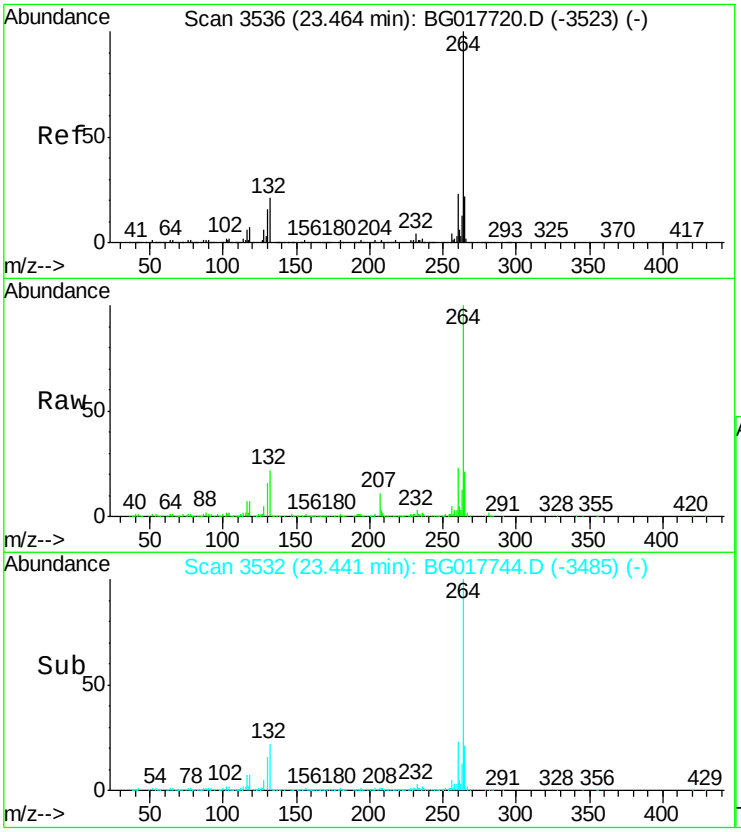


#78
Terphenyl-d14
Concen: 62.32 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Tgt Ion:244 Resp: 1209919

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	15.1	12.8	19.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.44 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG017744.D
Acq: 22 Jun 2015 13:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:264 Resp: 407914

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.1	18.2	27.2