Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016147.D
Acq On : 26 Mar 2015 19:14
Operator : TP/IZ
Sample : G1614-05
Misc : LOD-WATER-5PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2015-01

Quant Time: Mar 27 04:51:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 03:23:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48422	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	205317	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	127054	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	299021	20.00	ng	0.00
75) Chrysene-d12	21.32	240	338046	20.00	ng	0.00
86) Perylene-d12	23.61	264	322327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	389511	134.63	ng	0.01
7) Phenol-d6	6.96	99	529375	131.45	ng	0.01
23) Nitrobenzene-d5	8.94	82	264546	79.89	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	207896	142.50	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	672873	88.65	ng	0.00
78) Terphenyl-d14	19.78	244	1138649	84.83	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.81	122	2342	6.26	ng	91
53) 2,4-Dinitrophenol	14.53	184	563	5.77	ng	91

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

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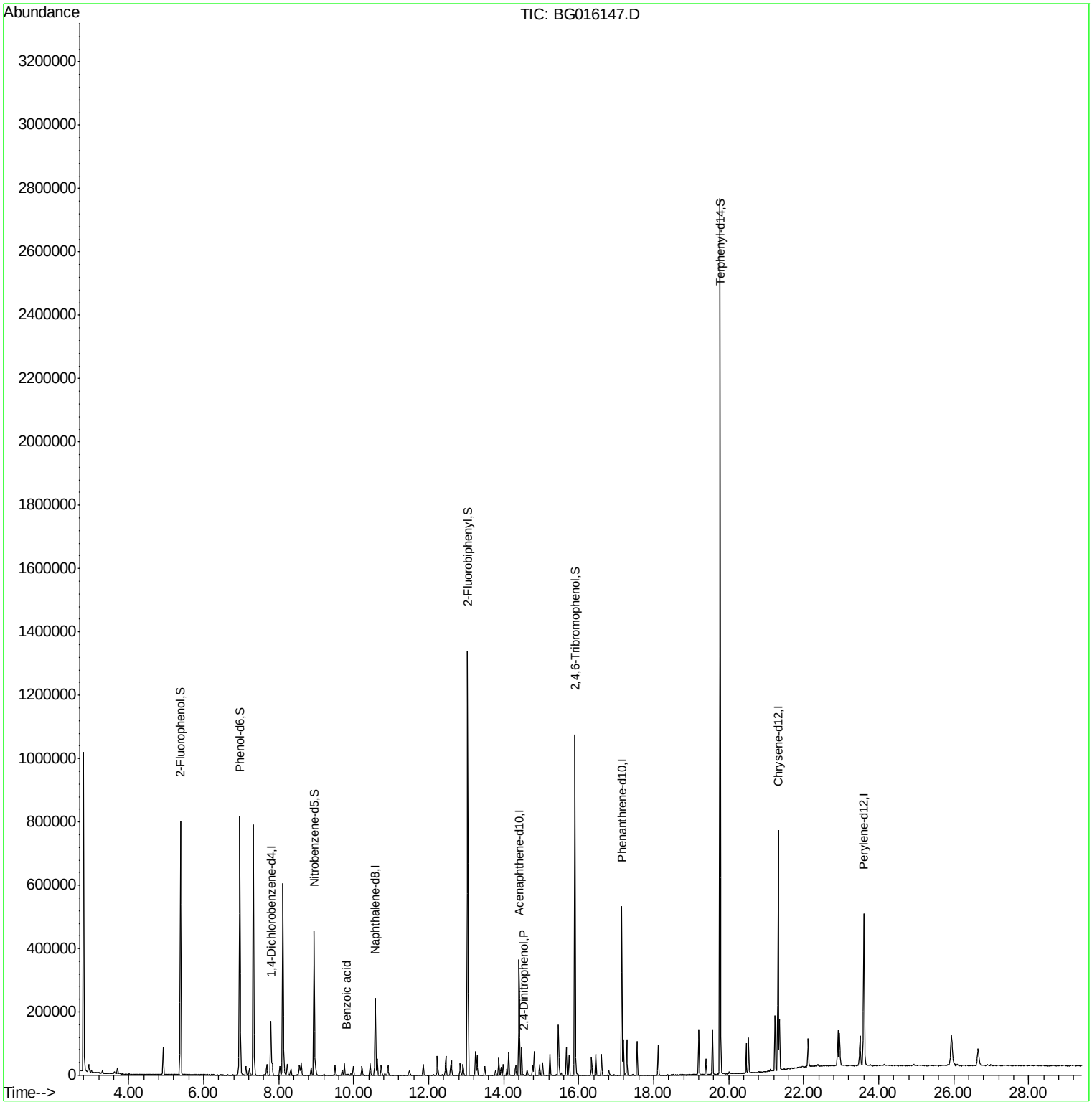
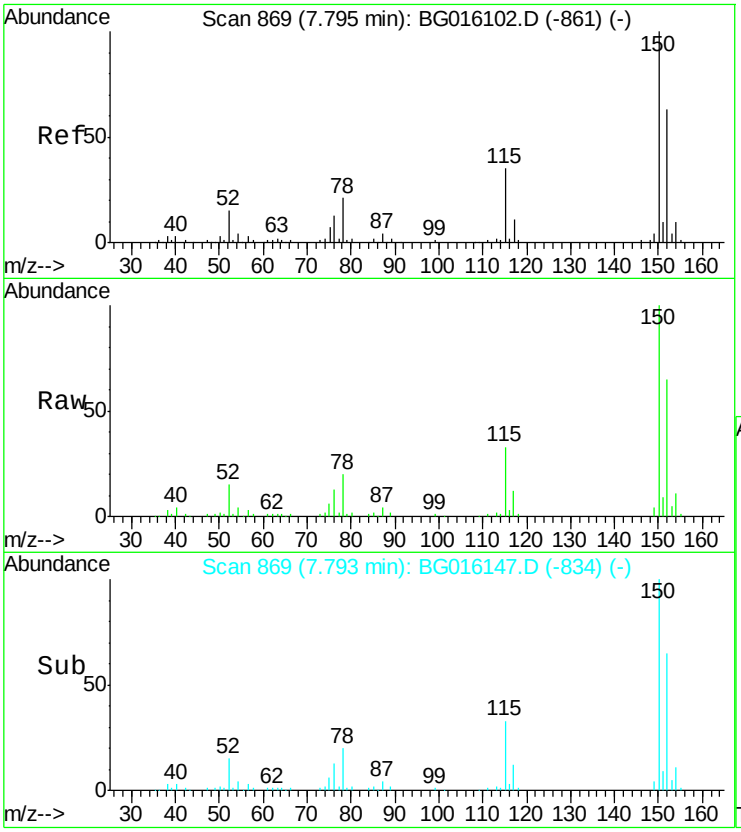


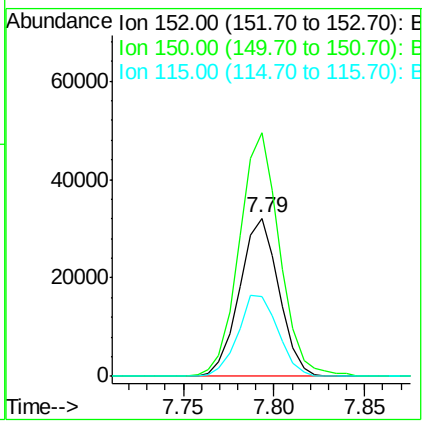


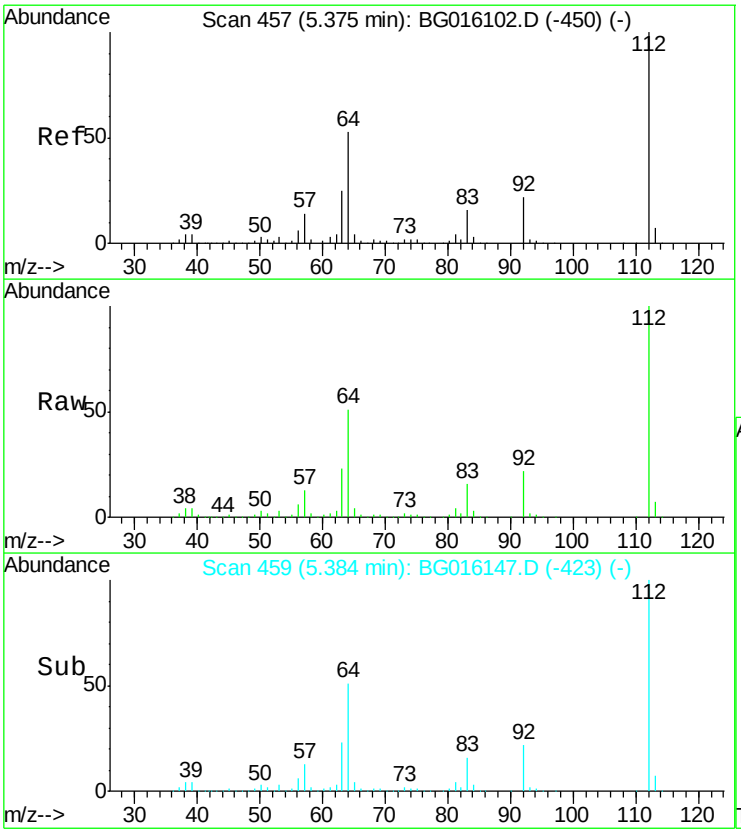
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 48422

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.1	189.1
115	50.7	43.7	65.5

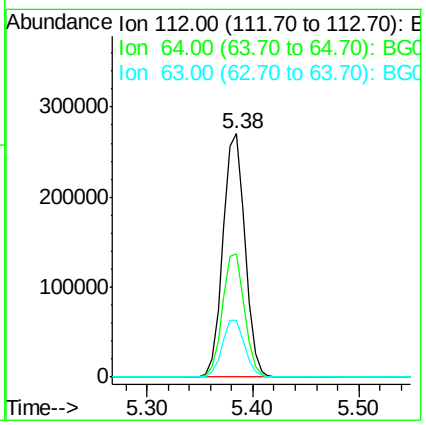


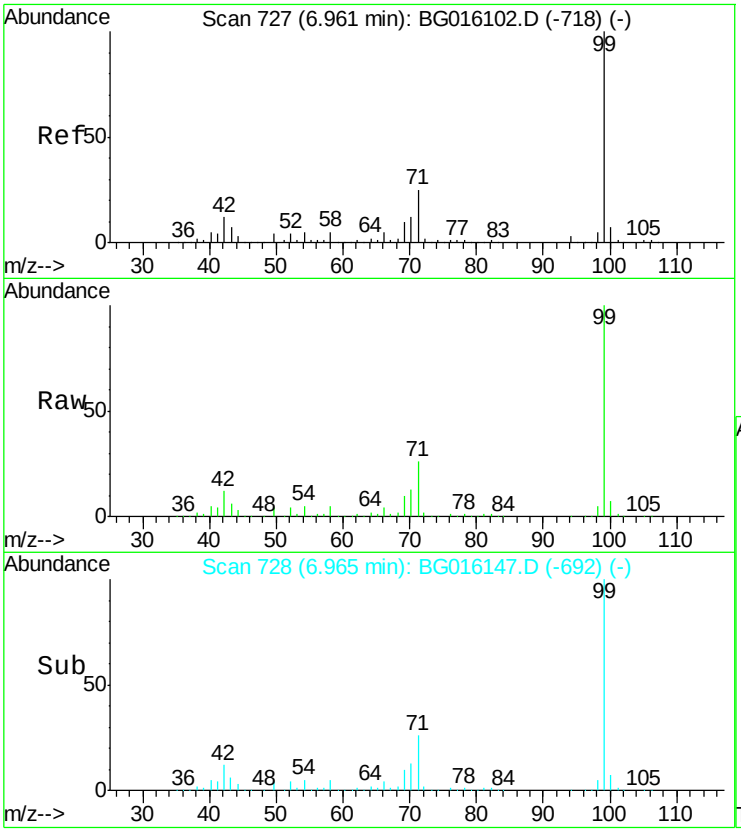


#5
2-Fluorophenol
Concen: 134.63 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:112 Resp: 389511

Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.6	64.0
63	23.5	19.9	29.9



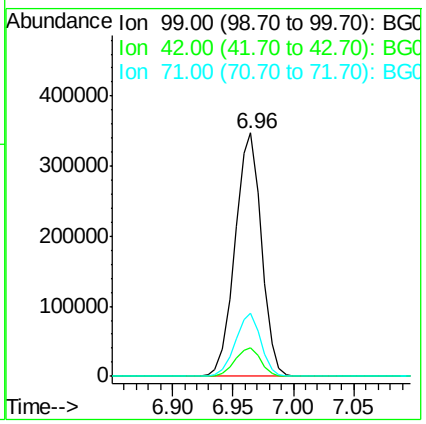


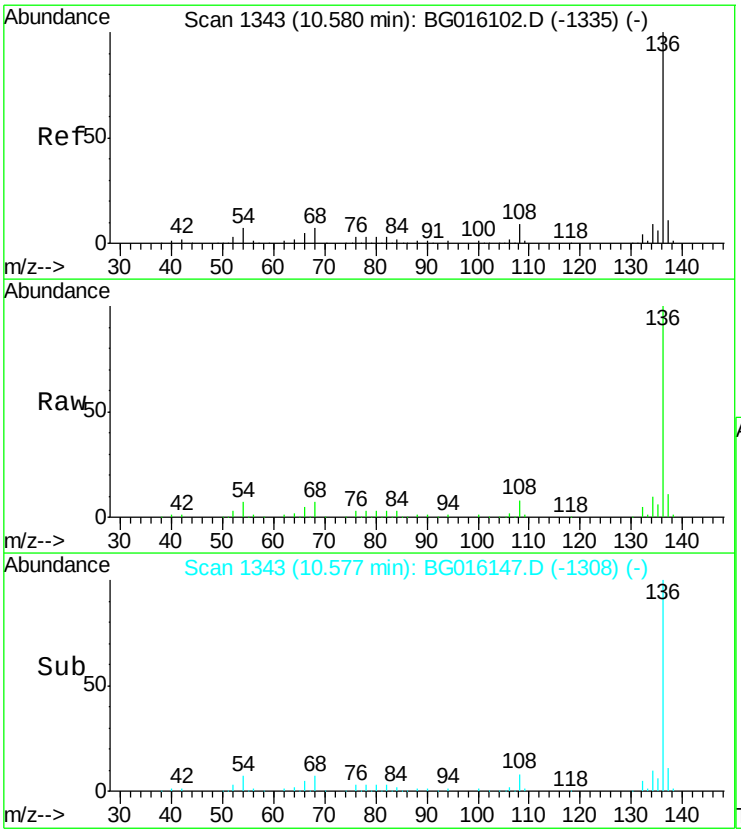
#7
Phenol-d6
Concen: 131.45 ng
RT: 6.96 min Scan# 728
Delta R.T. 0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 99 Resp: 529375

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.4	14.0
71	25.8	19.9	29.9

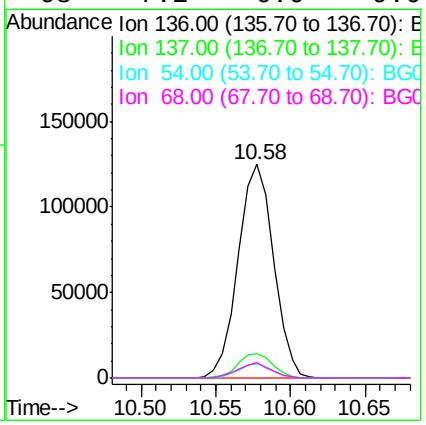


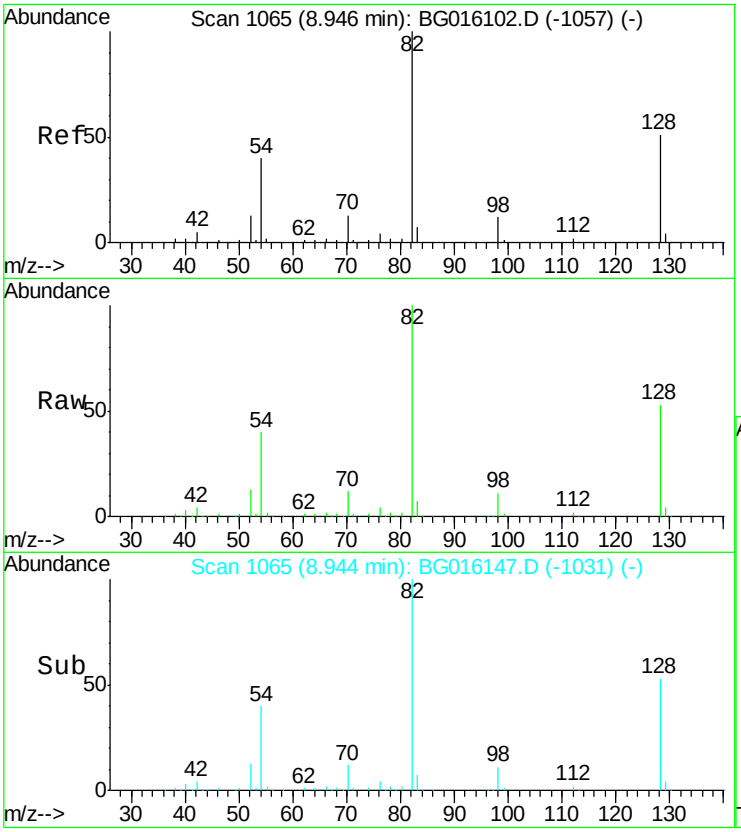


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:136 Resp: 205317

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.7	5.5	8.3
68	7.2	6.0	9.0



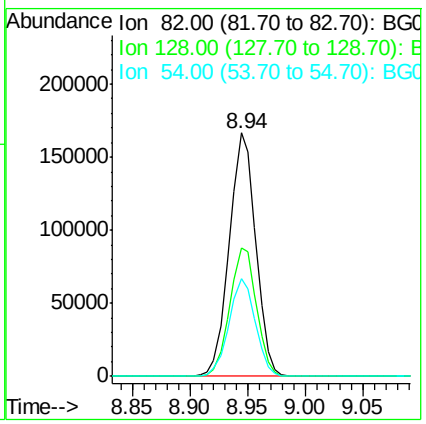


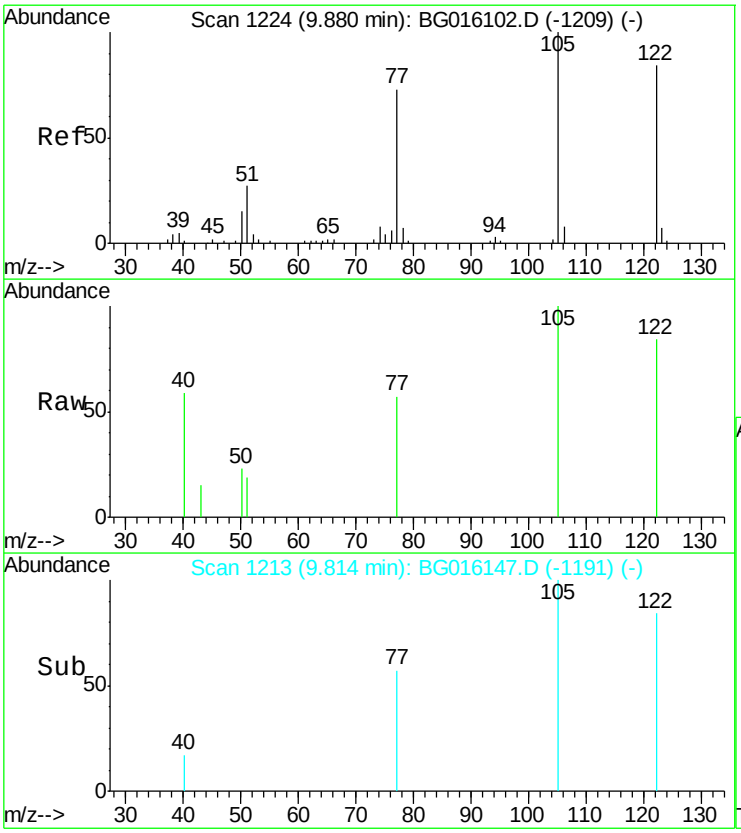
#23
Nitrobenzene-d5
Concen: 79.89 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 82 Resp: 264546

Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.4	60.6
54	40.0	32.1	48.1

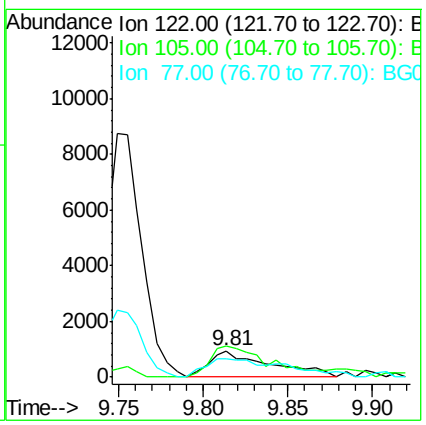


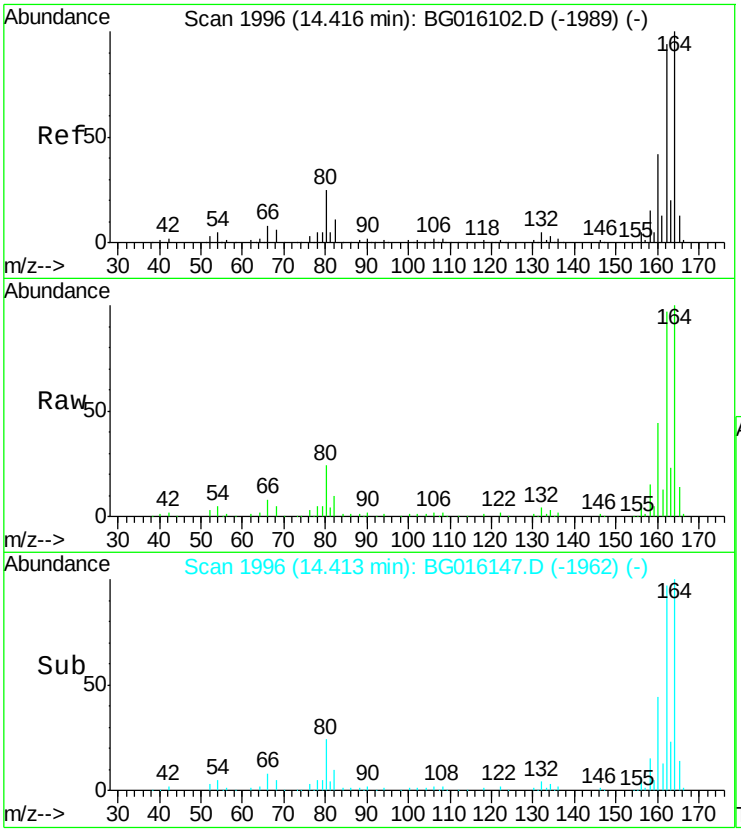


#32
Benzoic acid
Concen: 6.26 ng
RT: 9.81 min Scan# 1213
Delta R.T. -0.07 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:122 Resp: 2342

Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.2	137.2
77	68.0	65.0	105.0



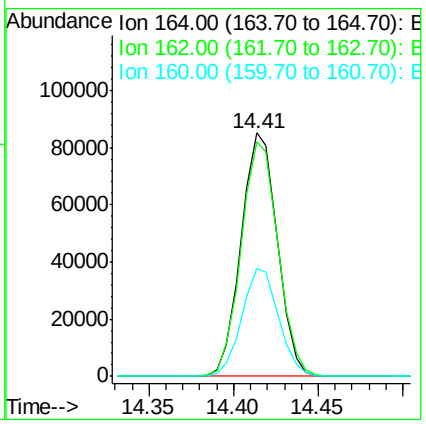


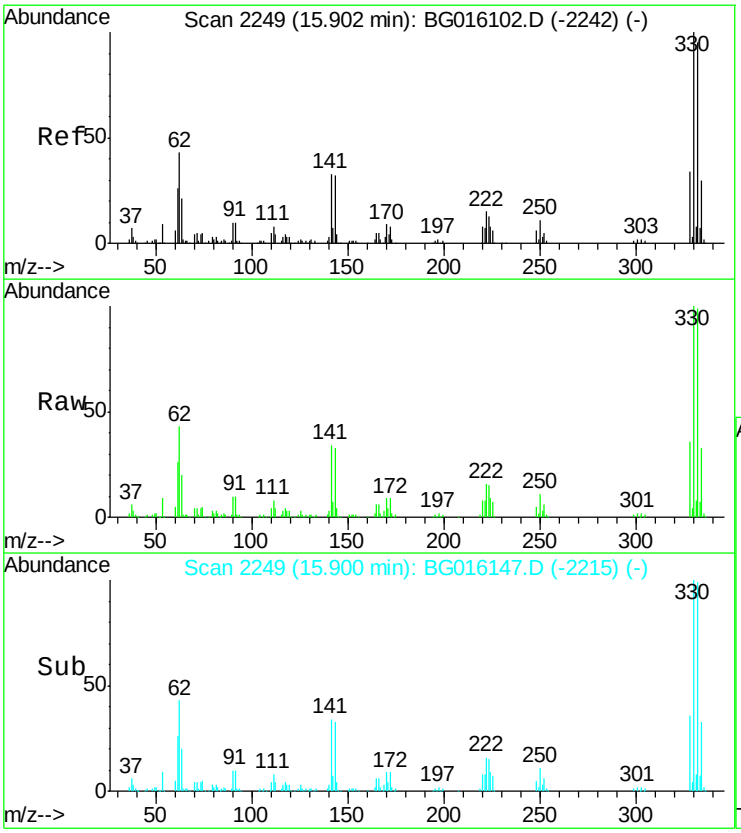
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:164 Resp: 127054

Ion	Ratio	Lower	Upper
164	100		
162	96.6	75.2	112.8
160	44.2	33.9	50.9

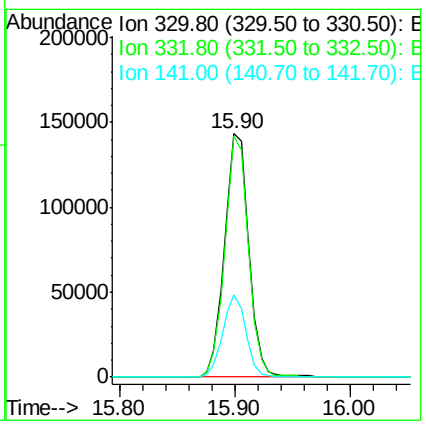


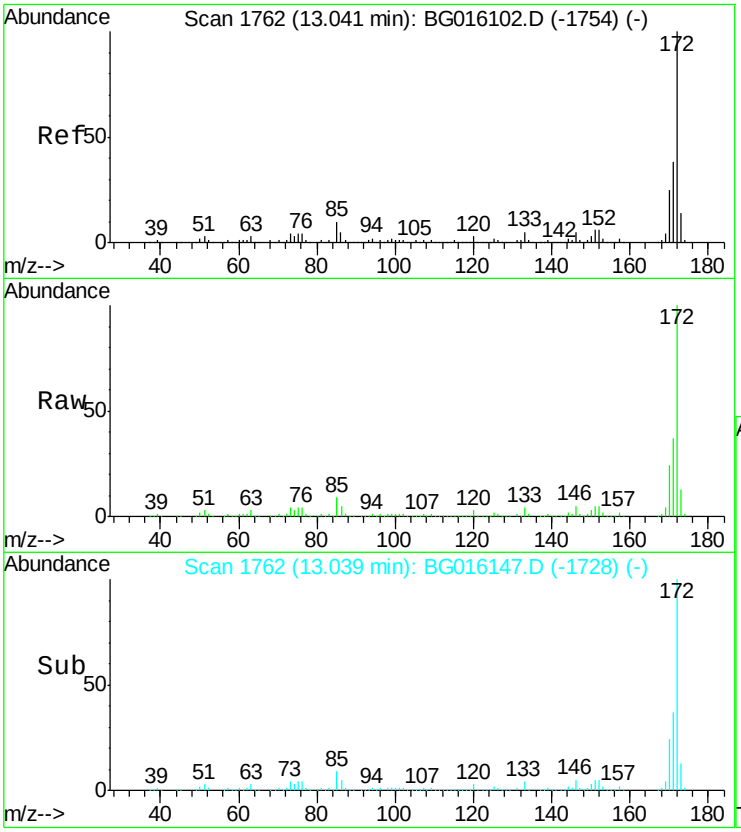


#41
2,4,6-Tribromophenol
Concen: 142.50 ng
RT: 15.90 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:330 Resp: 207896

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.4	26.2	39.4



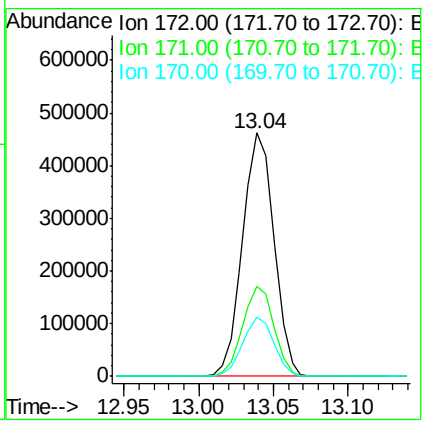


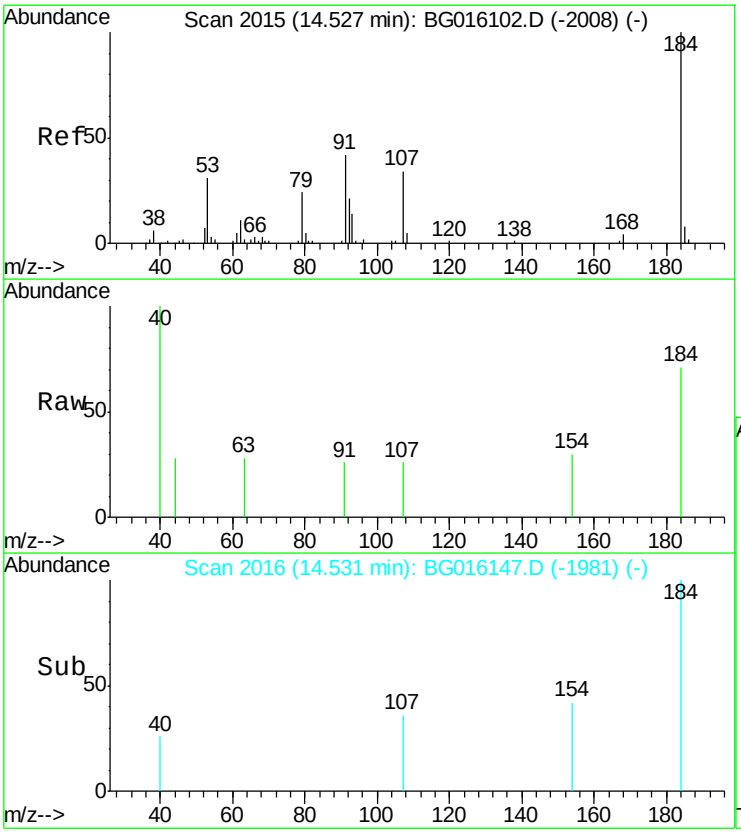
#44
2-Fluorobiphenyl
Concen: 88.65 ng
RT: 13.04 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:172 Resp: 672873

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.3	45.5
170	24.3	19.8	29.8

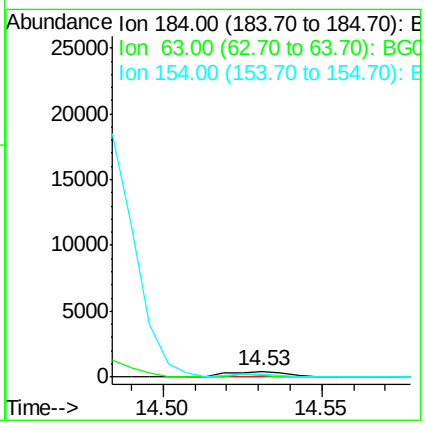


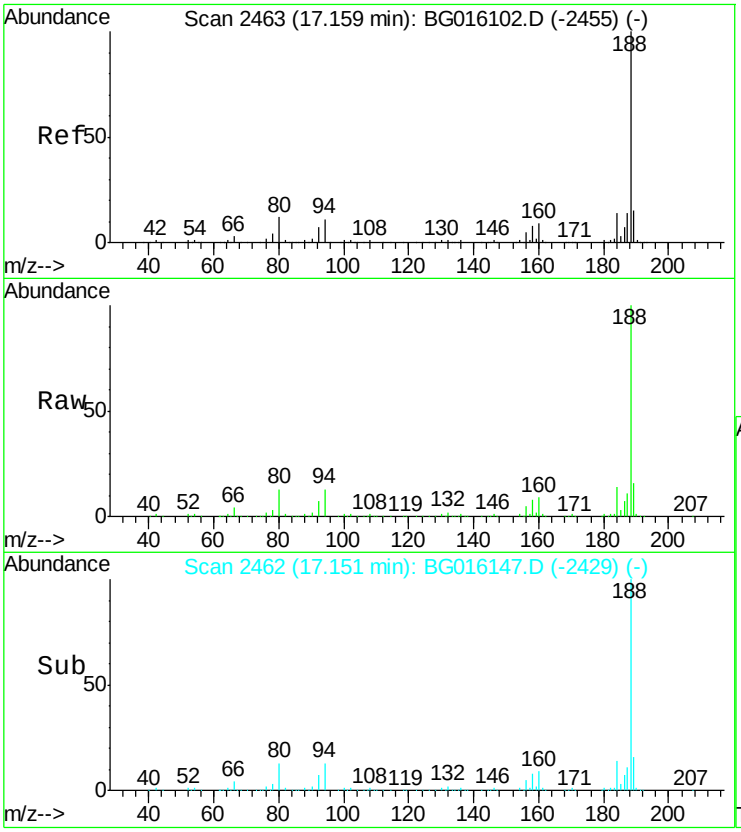


#53
2,4-Dinitrophenol
Concen: 5.77 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:184 Resp: 563

Ion	Ratio	Lower	Upper
184	100		
63	39.1	36.5	54.7
154	42.3	30.2	45.4



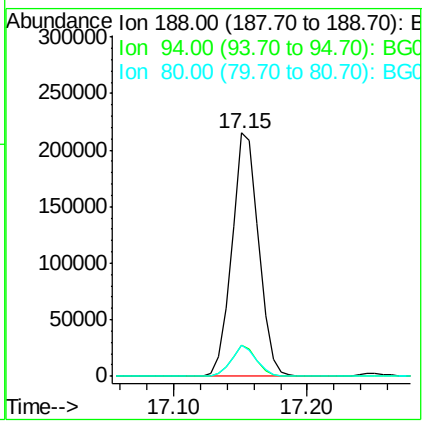


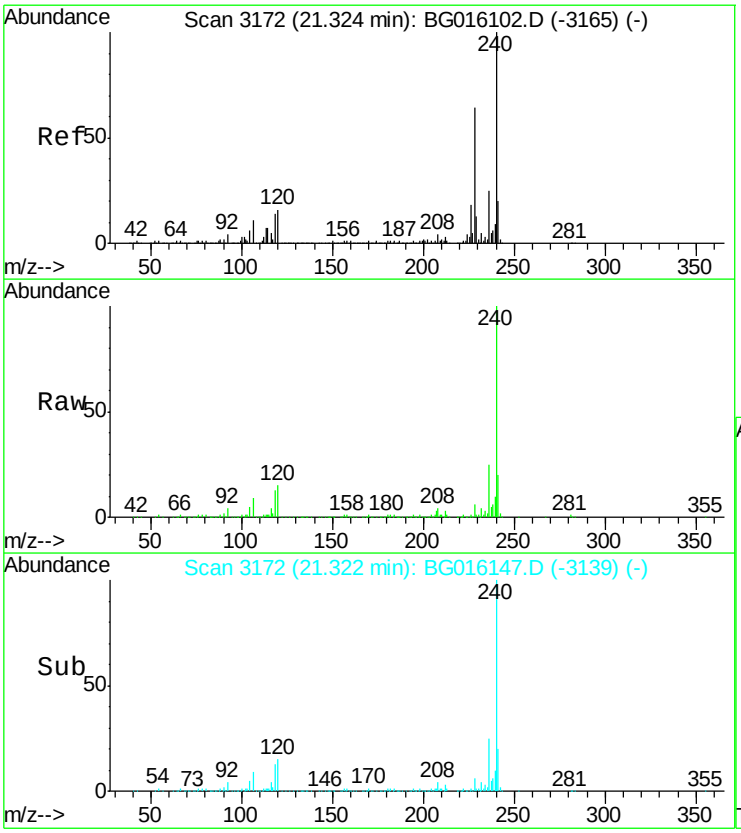
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:188 Resp: 299021

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.1	13.7
80	12.6	9.8	14.8

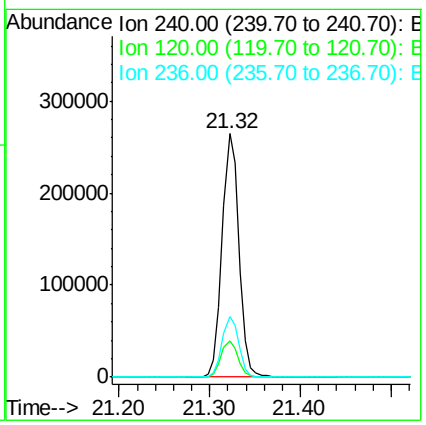


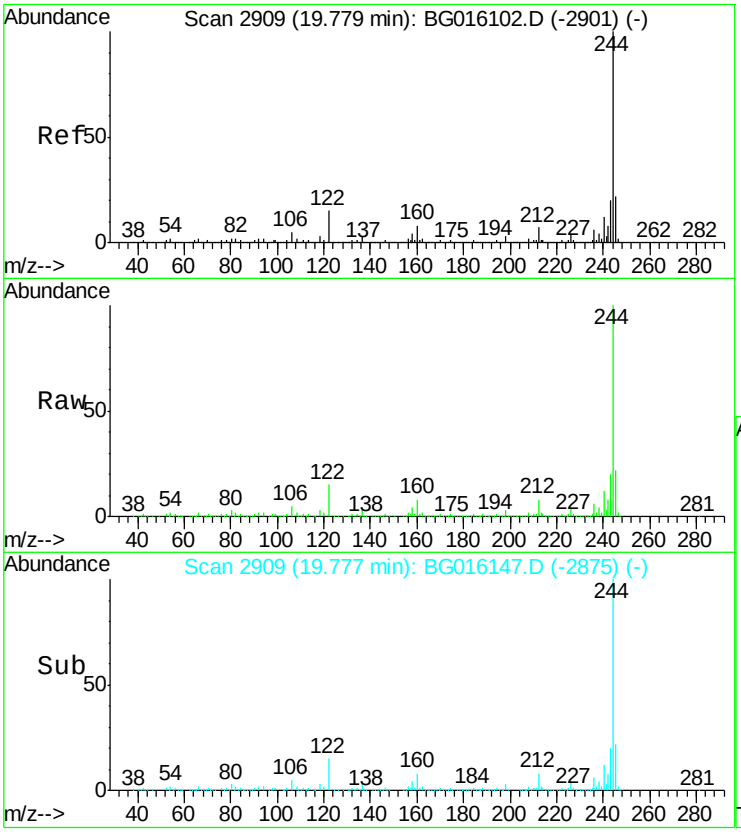


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:240 Resp: 338046

Ion	Ratio	Lower	Upper
240	100		
120	15.1	13.0	19.4
236	25.0	20.2	30.2



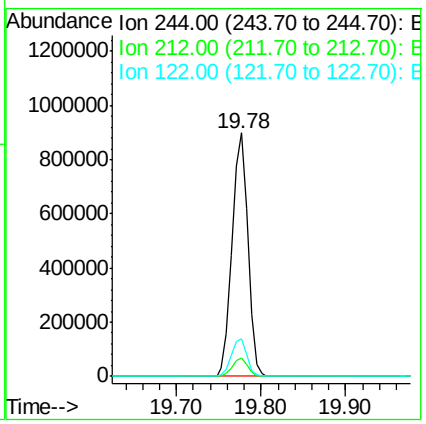


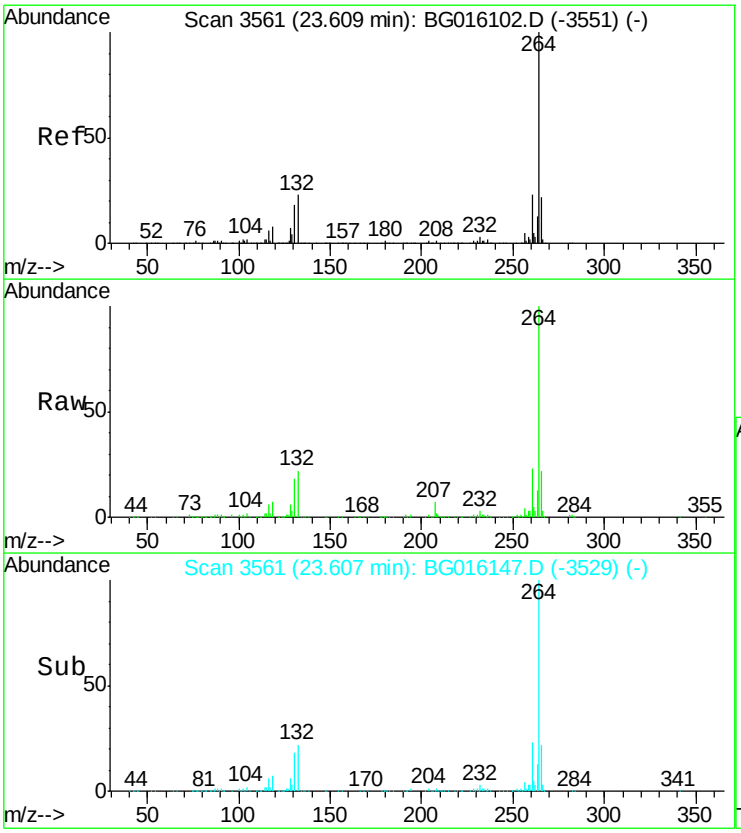
#78
Terphenyl-d14
Concen: 84.83 ng
RT: 19.78 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:244 Resp: 1138649

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	15.4	12.2	18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:264 Resp: 322327

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.2	17.3	25.9