Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021742.D
Acq On : 18 Apr 2016 17:39
Operator : UM/SJ
Sample : H1824-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2016-01

Quant Time: Apr 19 04:01:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30630	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	126873	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	77844	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	190558	20.00	ng	0.00
75) Chrysene-d12	21.83	240	221746	20.00	ng	0.00
86) Perylene-d12	25.16	264	216285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	256650	139.53	ng	0.00
7) Phenol-d6	7.37	99	358160	130.36	ng	0.01
23) Nitrobenzene-d5	9.38	82	217974	88.31	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	136738	162.98	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	494349	93.05	ng	0.00
78) Terphenyl-d14	20.14	244	806691	90.77	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.24	122	592	4.79	ng	# 64
53) 2,4-Dinitrophenol	14.91	184	351	8.10	ng	# 38
64) 4,6-Dinitro-2-methylphenol	15.92	198	1577	7.16	ng	# 79

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

Quantitation Report (QT Reviewed)

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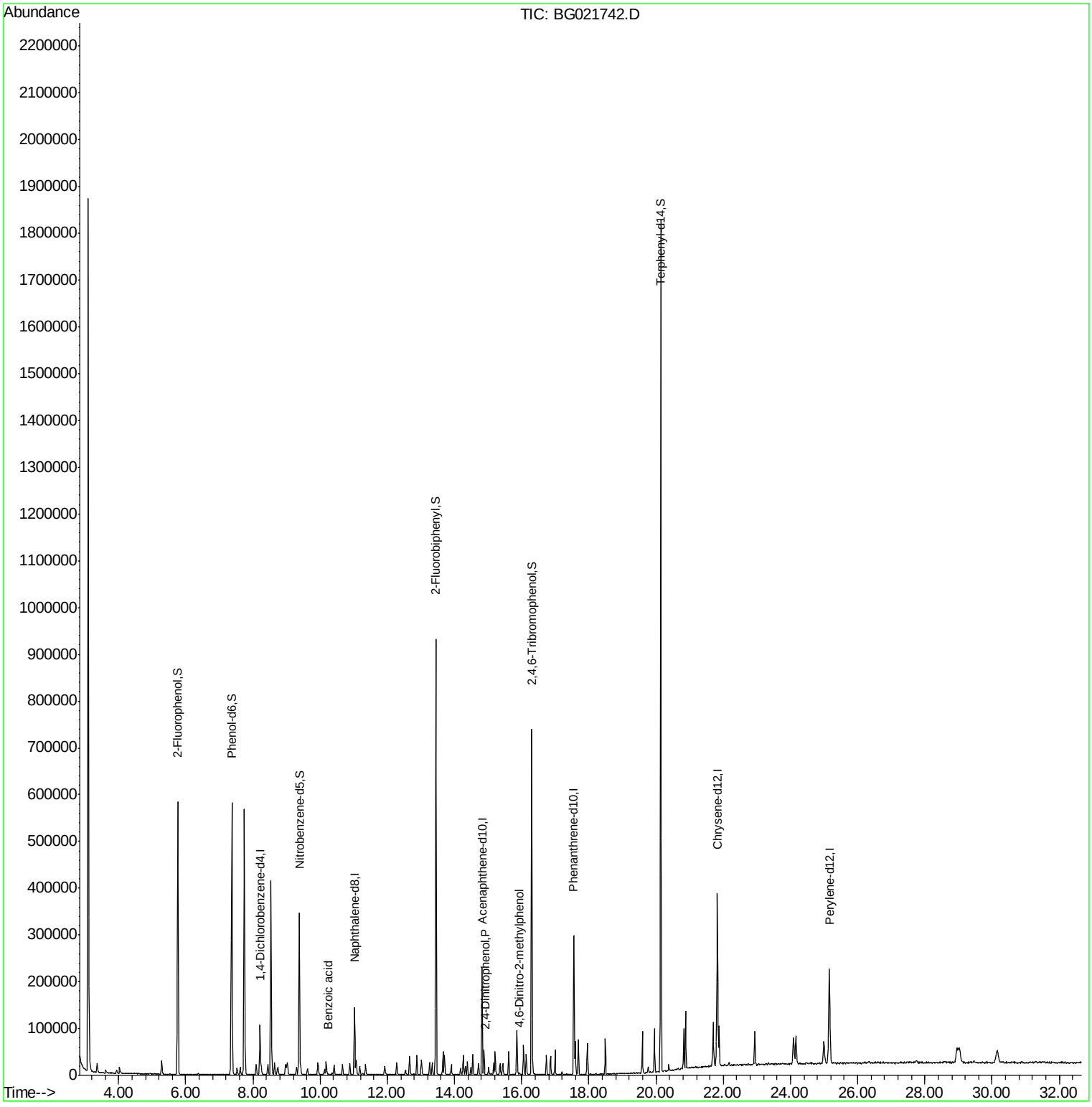
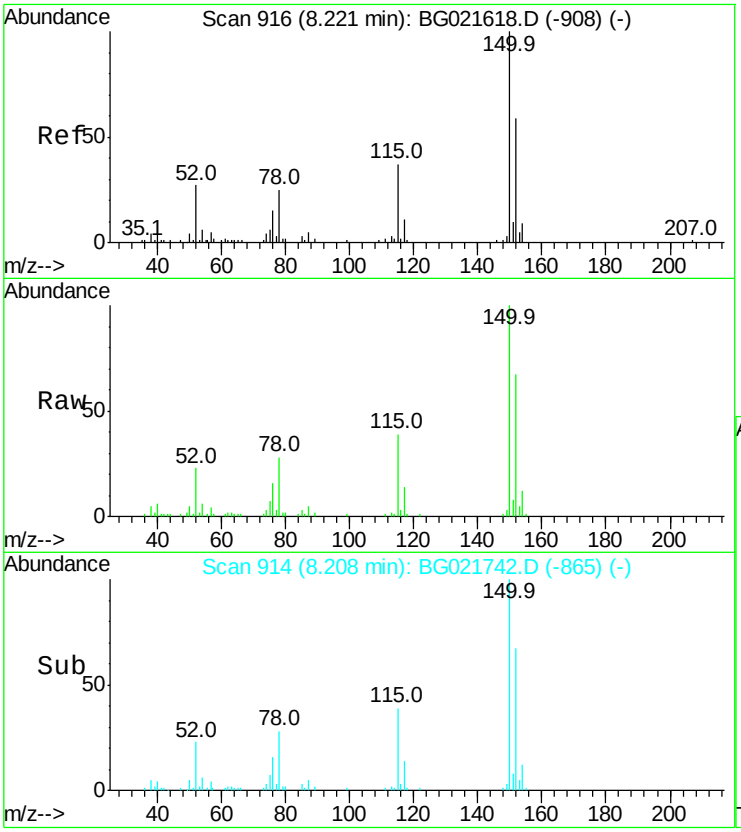


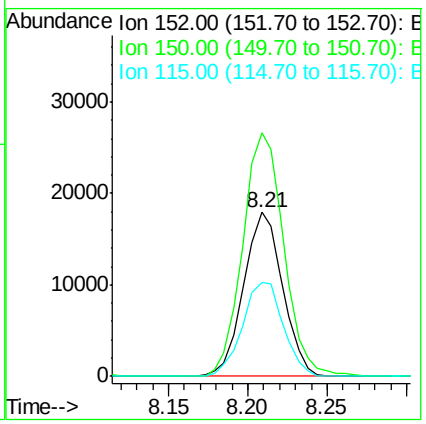


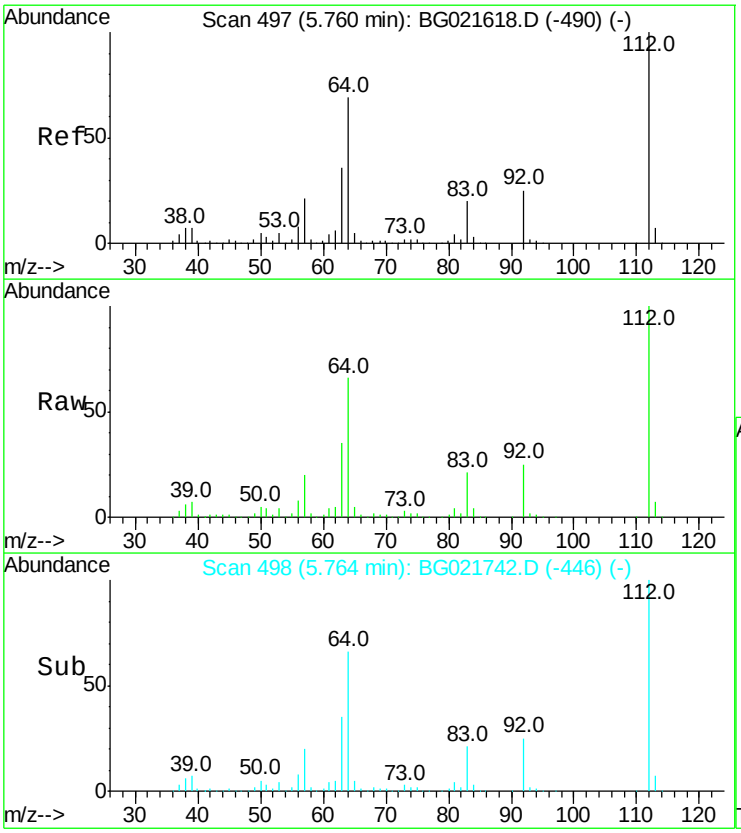
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:152 Resp: 30630

Ion	Ratio	Lower	Upper
152	100		
150	148.7	130.1	195.1
115	57.3	62.2	93.2#

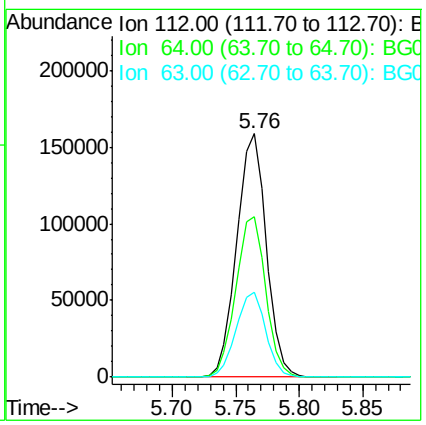


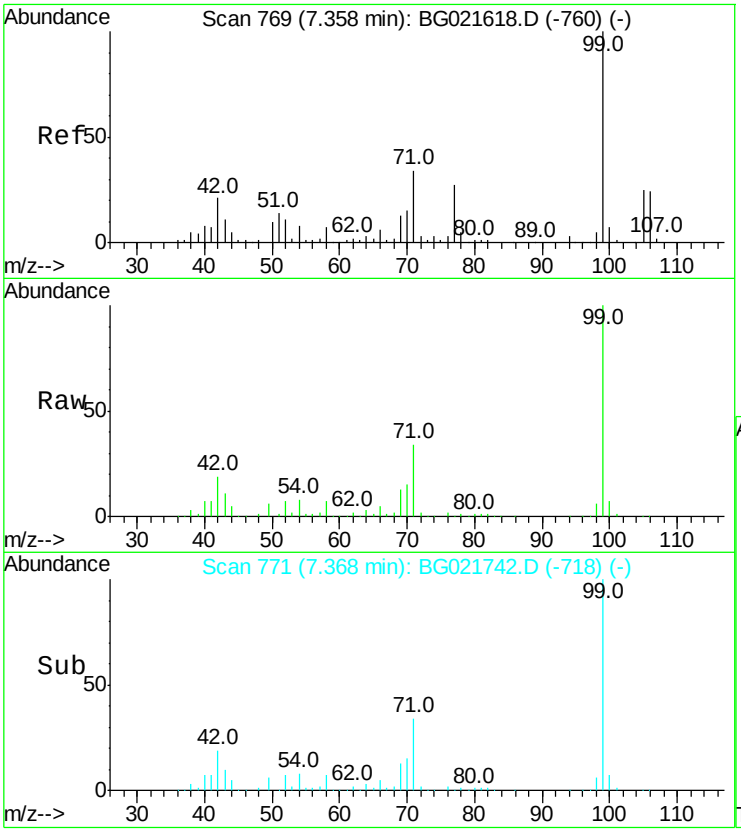


#5
2-Fluorophenol
Concen: 139.53 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:112 Resp: 256650

Ion	Ratio	Lower	Upper
112	100		
64	66.0	51.1	76.7
63	35.0	24.6	37.0



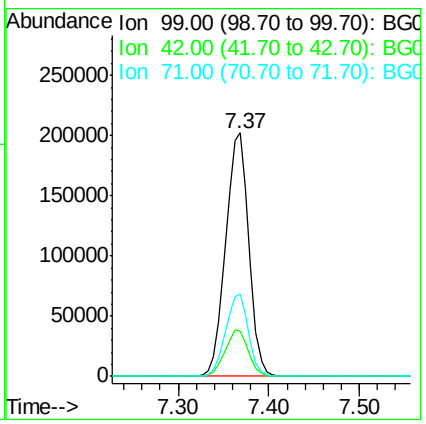


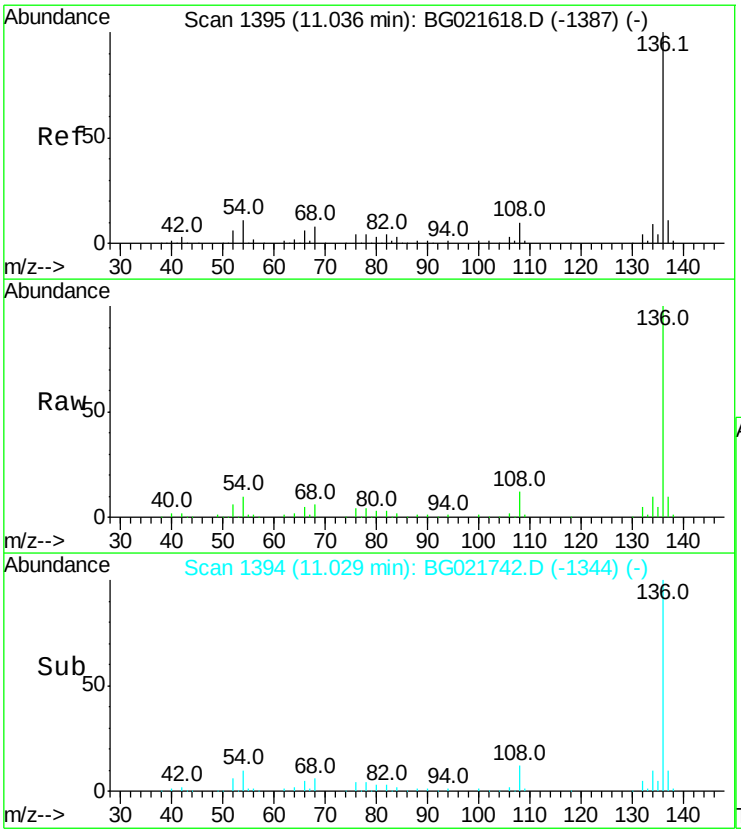
#7
Phenol-d6
Concen: 130.36 ng
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 99 Resp: 358160

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.4	24.6
71	33.8	25.0	37.4

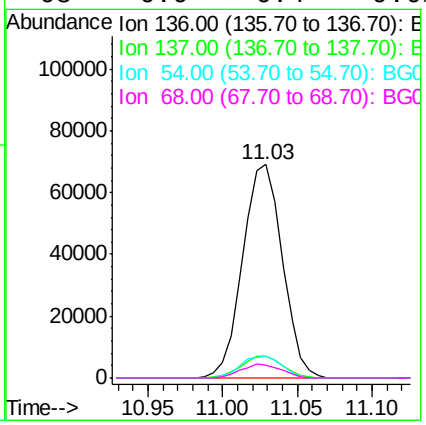


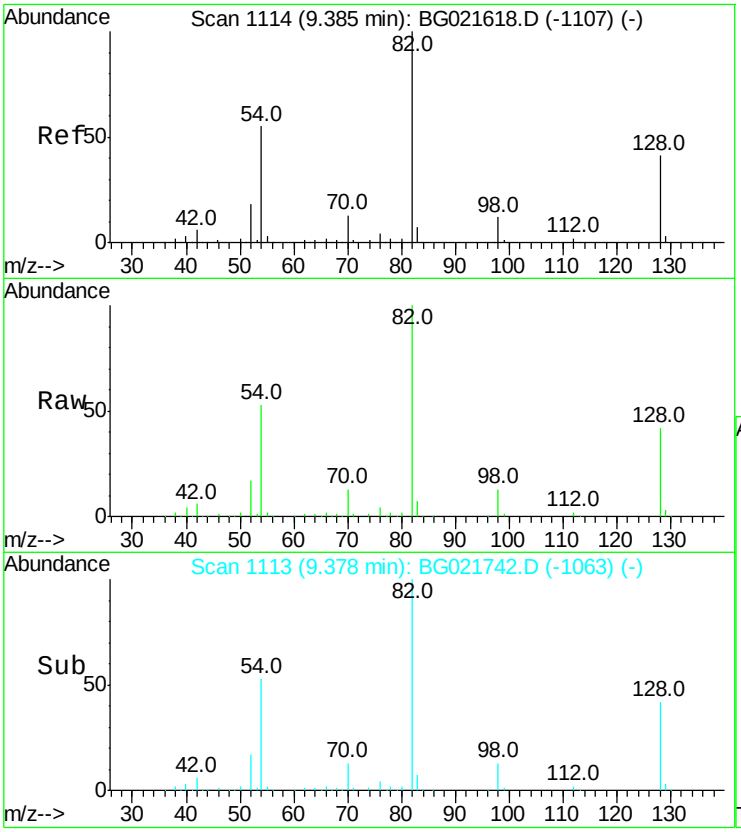


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:136 Resp: 126873

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	9.9	9.6	14.4
68	6.0	6.4	9.6#



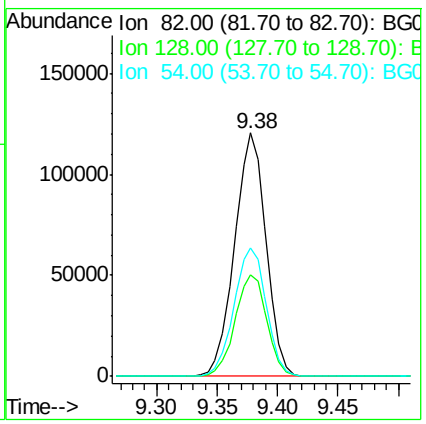


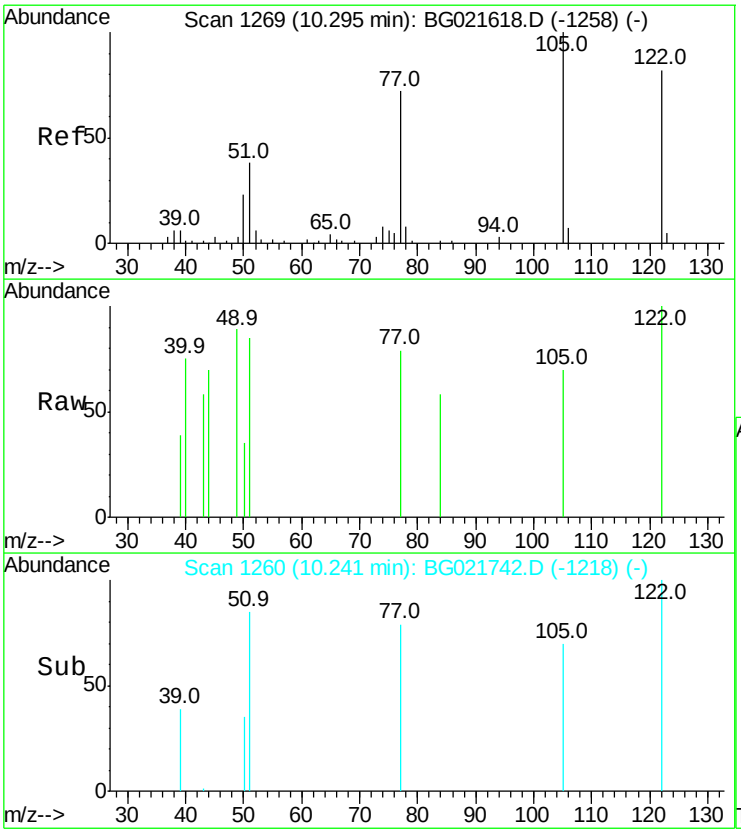
#23
Nitrobenzene-d5
Concen: 88.31 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 82 Resp: 217974

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.4	50.0
54	52.7	46.1	69.1

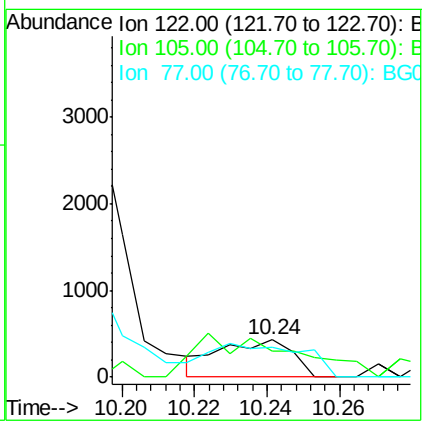


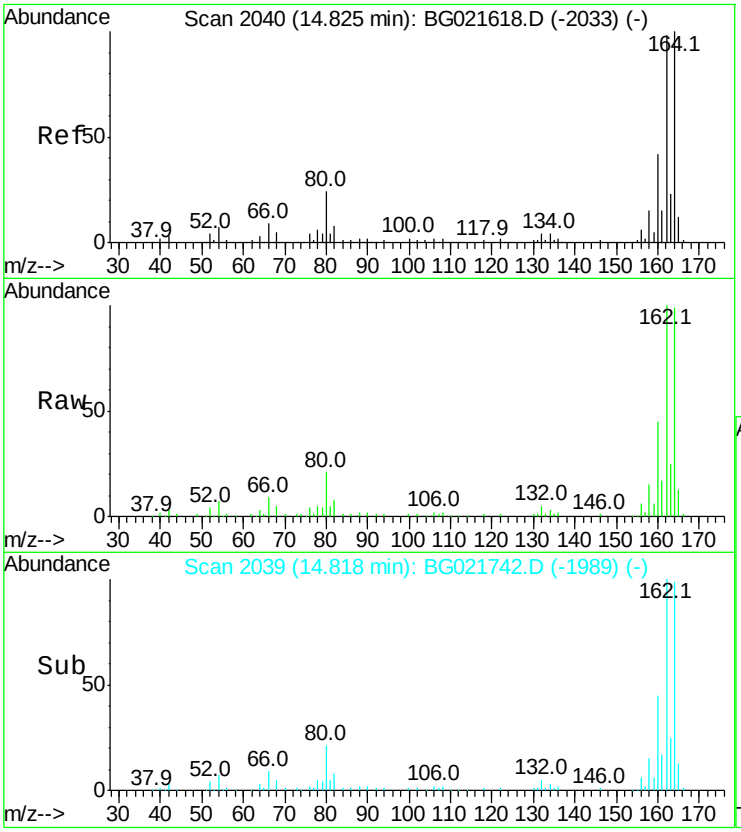


#32
Benzoic acid
Concen: 4.79 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.05 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:122 Resp: 592

Ion	Ratio	Lower	Upper
122	100		
105	70.3	104.5	144.5#
77	78.7	79.9	119.9#



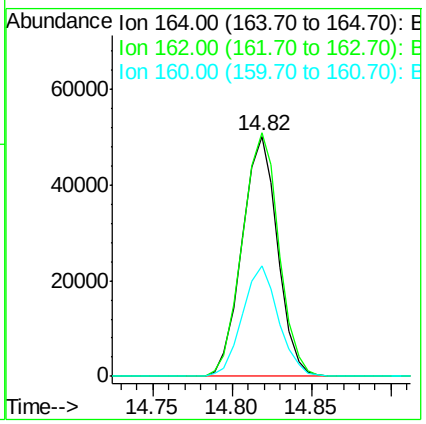


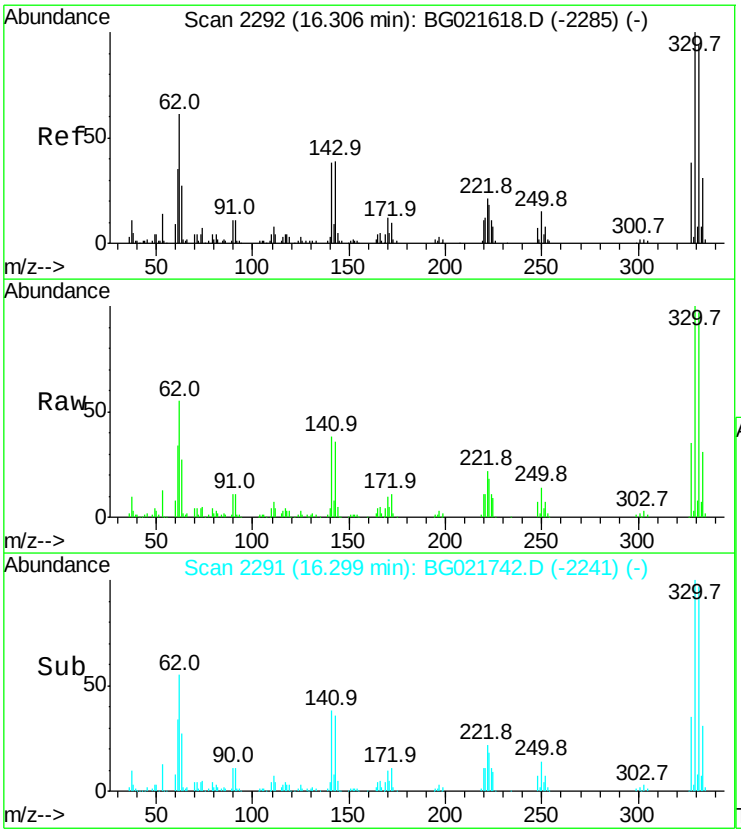
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:164 Resp: 77844

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.0	117.0
160	46.1	32.9	49.3

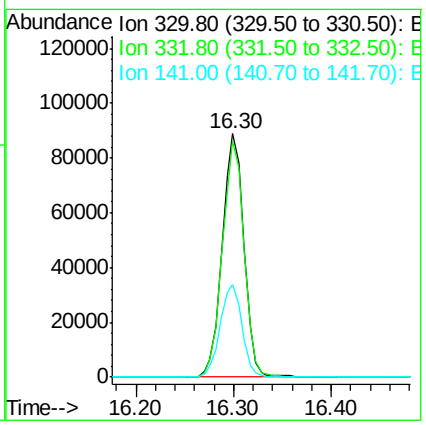


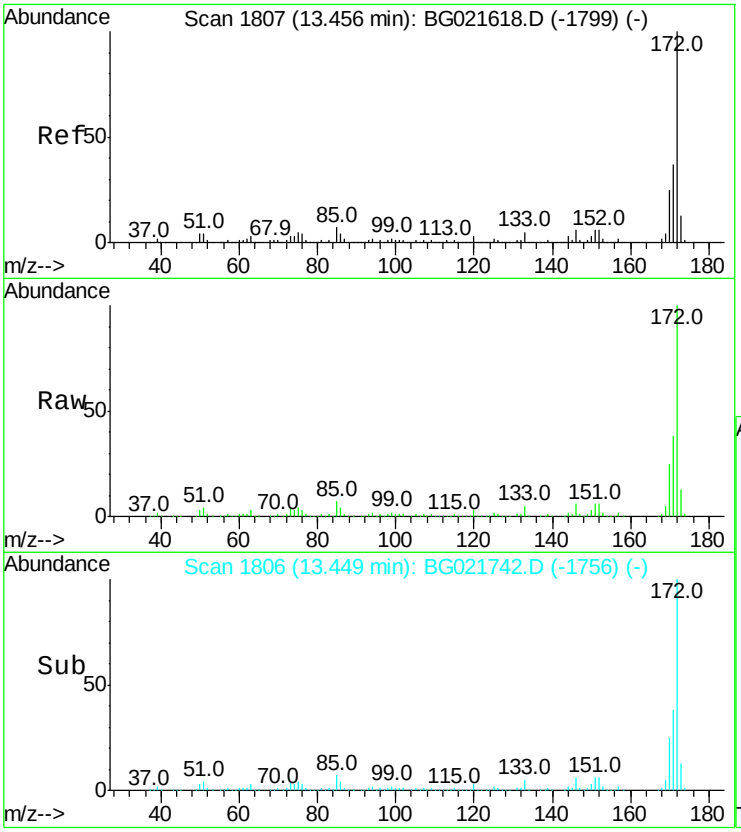


#41
2,4,6-Tribromophenol
Concen: 162.98 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:330 Resp: 136738

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	38.2	33.8	50.8



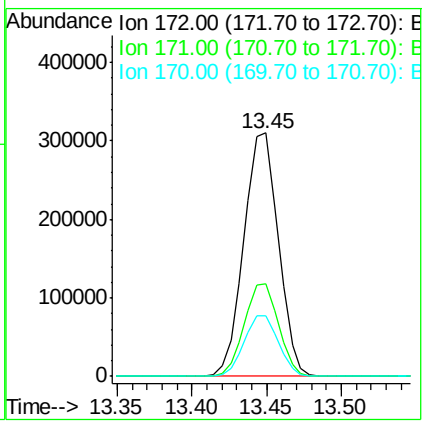


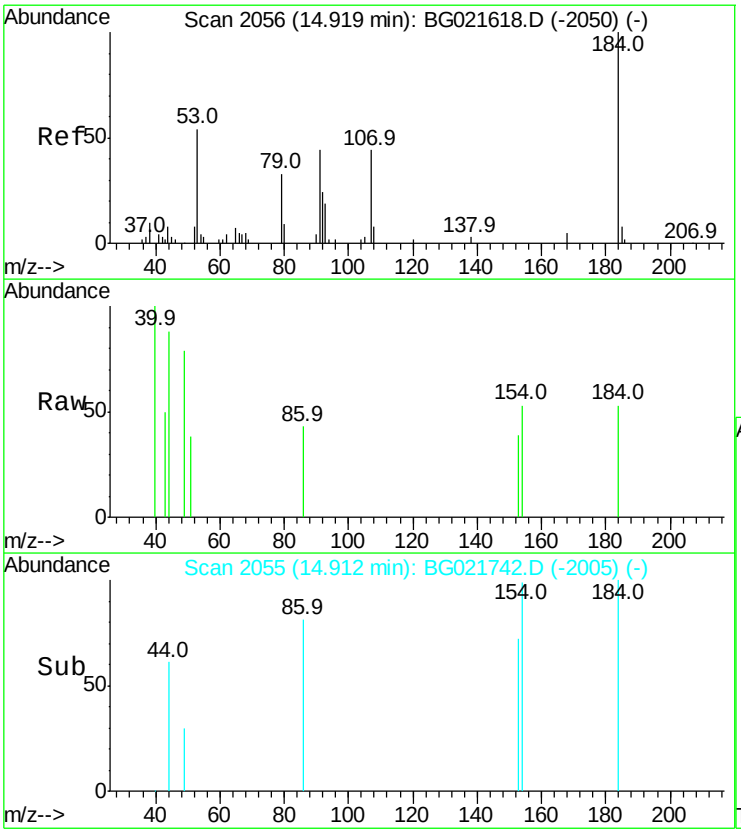
#44
2-Fluorobiphenyl
Concen: 93.05 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:172 Resp: 494349

Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.0	19.6	29.4

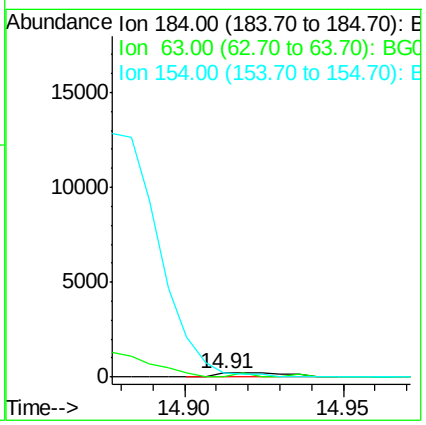


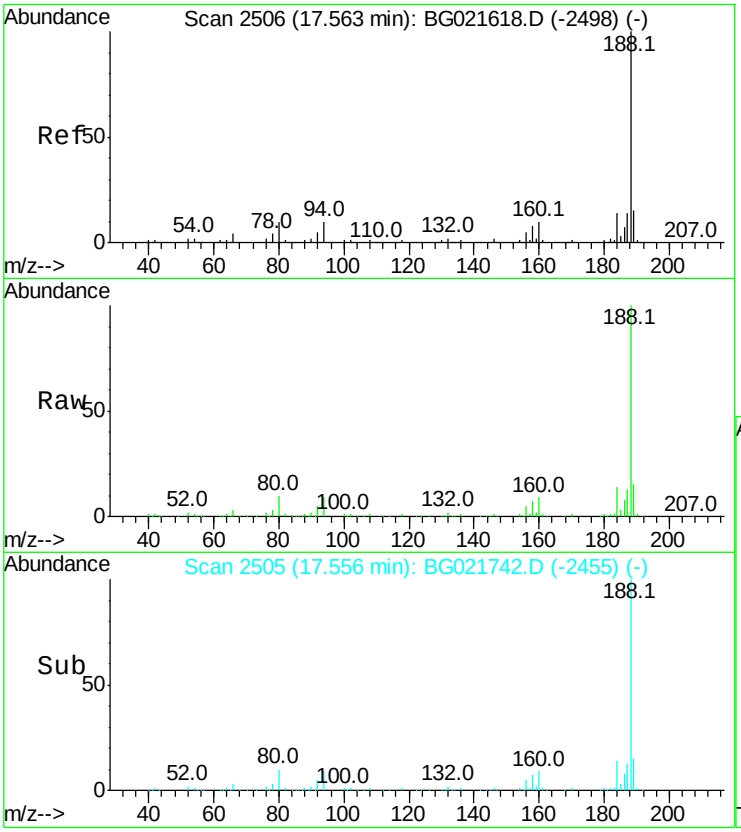


#53
2,4-Dinitrophenol
Concen: 8.10 ng
RT: 14.91 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:184 Resp: 351

Ion	Ratio	Lower	Upper
184	100		
63	0.0	57.3	85.9#
154	98.6	55.2	82.8#



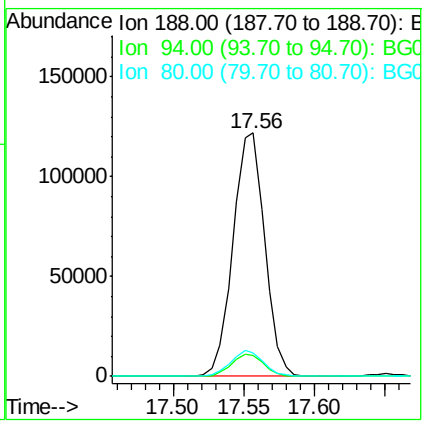


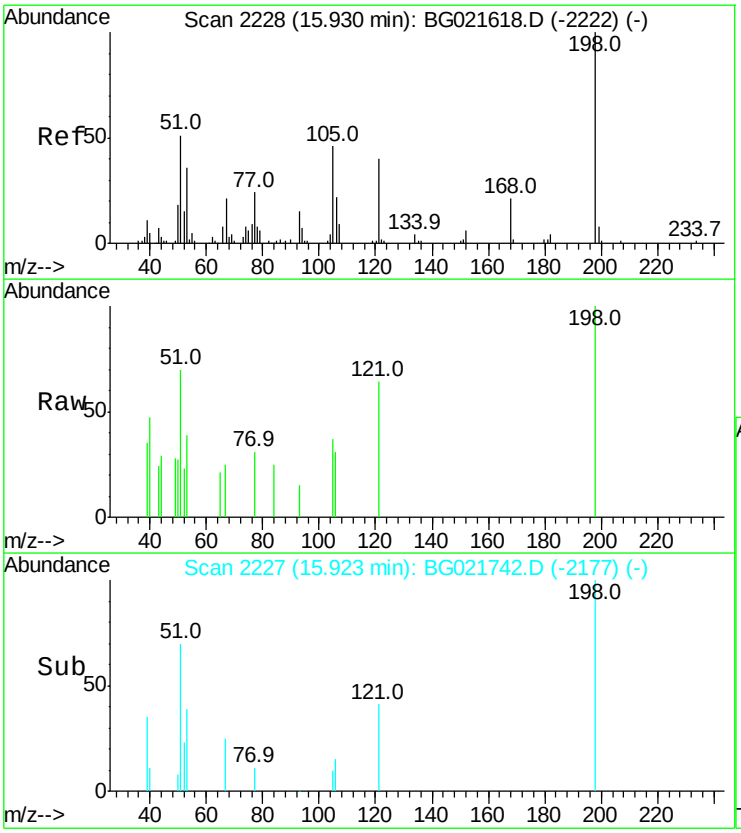
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:188 Resp: 190558

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	9.5	8.6	13.0

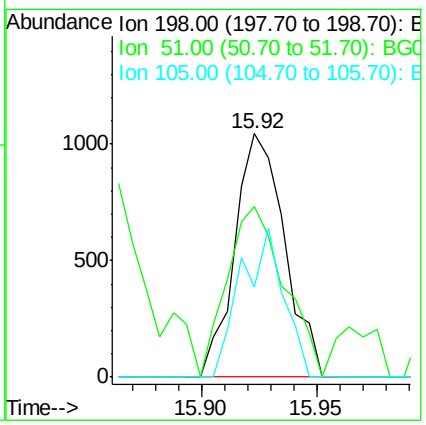


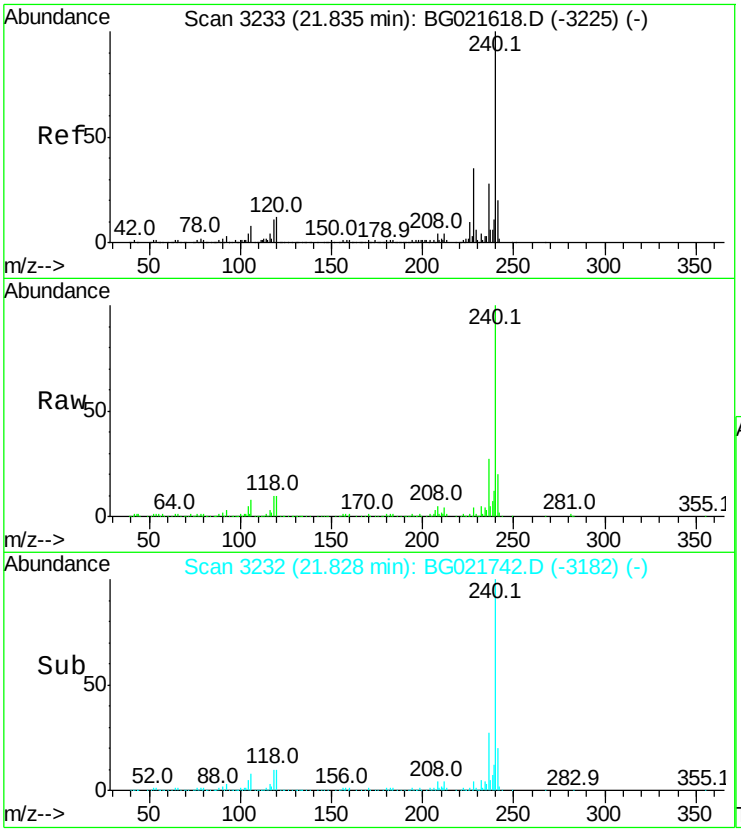


#64
4,6-Dinitro-2-methylphenol
Concen: 7.16 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:198 Resp: 1577

Ion	Ratio	Lower	Upper
198	100		
51	70.0	29.2	69.2#
105	36.8	24.0	64.0



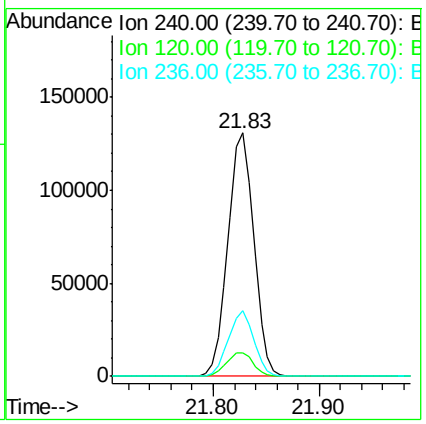


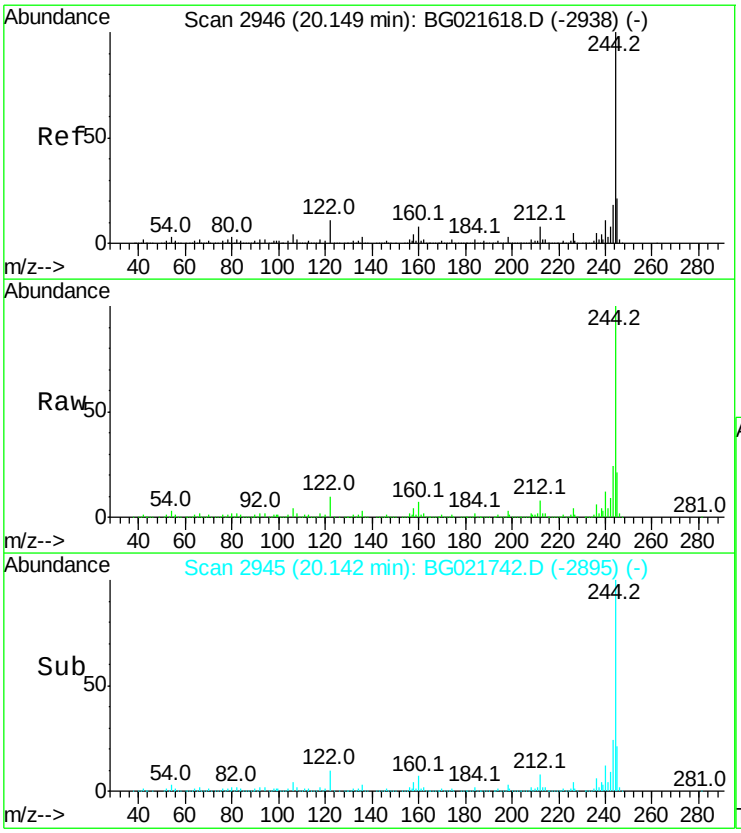
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:240 Resp: 221746

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.8	19.6	29.4

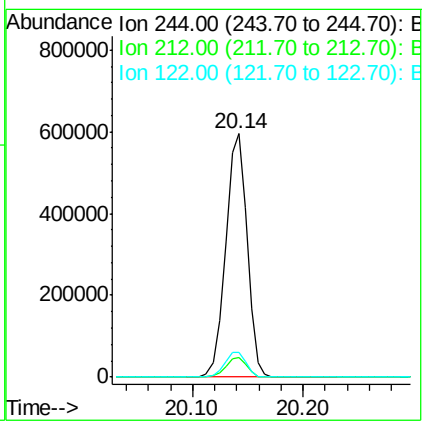


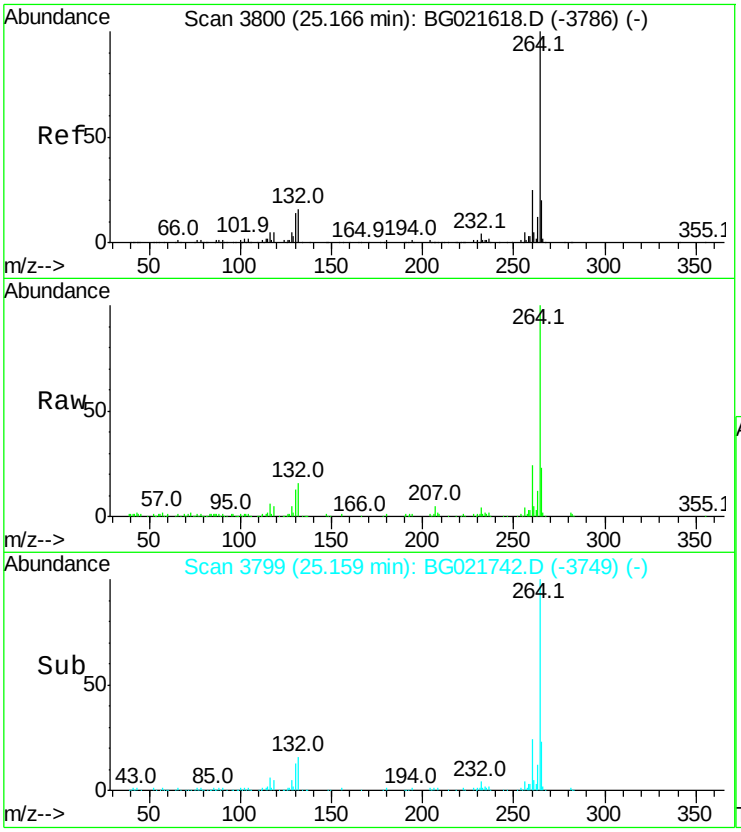


#78
Terphenyl-d14
Concen: 90.77 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Tgt Ion:244 Resp: 806691

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.0	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021742.D
Acq: 18 Apr 2016 17:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:264 Resp: 216285

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.4
265	23.0	17.8	26.8