Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029004.D
Acq On : 3 Oct 2017 14:09
Operator : SJ/JU
Sample : I5275-05
Misc : LOD 1 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER-05-QT4-2017

Quant Time: Oct 05 01:14:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	33908	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	135466	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	100262	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	258131	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	284380	20.00	ng	-0.11
86) Perylene-d12	25.34	264	274828	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	321837	156.61	ng	-0.10
7) Phenol-d6	7.40	99	421364	136.19	ng	-0.09
23) Nitrobenzene-d5	9.41	82	236696	83.58	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	270300	163.00	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	626686	83.35	ng	-0.08
78) Terphenyl-d14	20.20	244	1088494	81.63	ng	-0.08
Target Compounds						Qvalue

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

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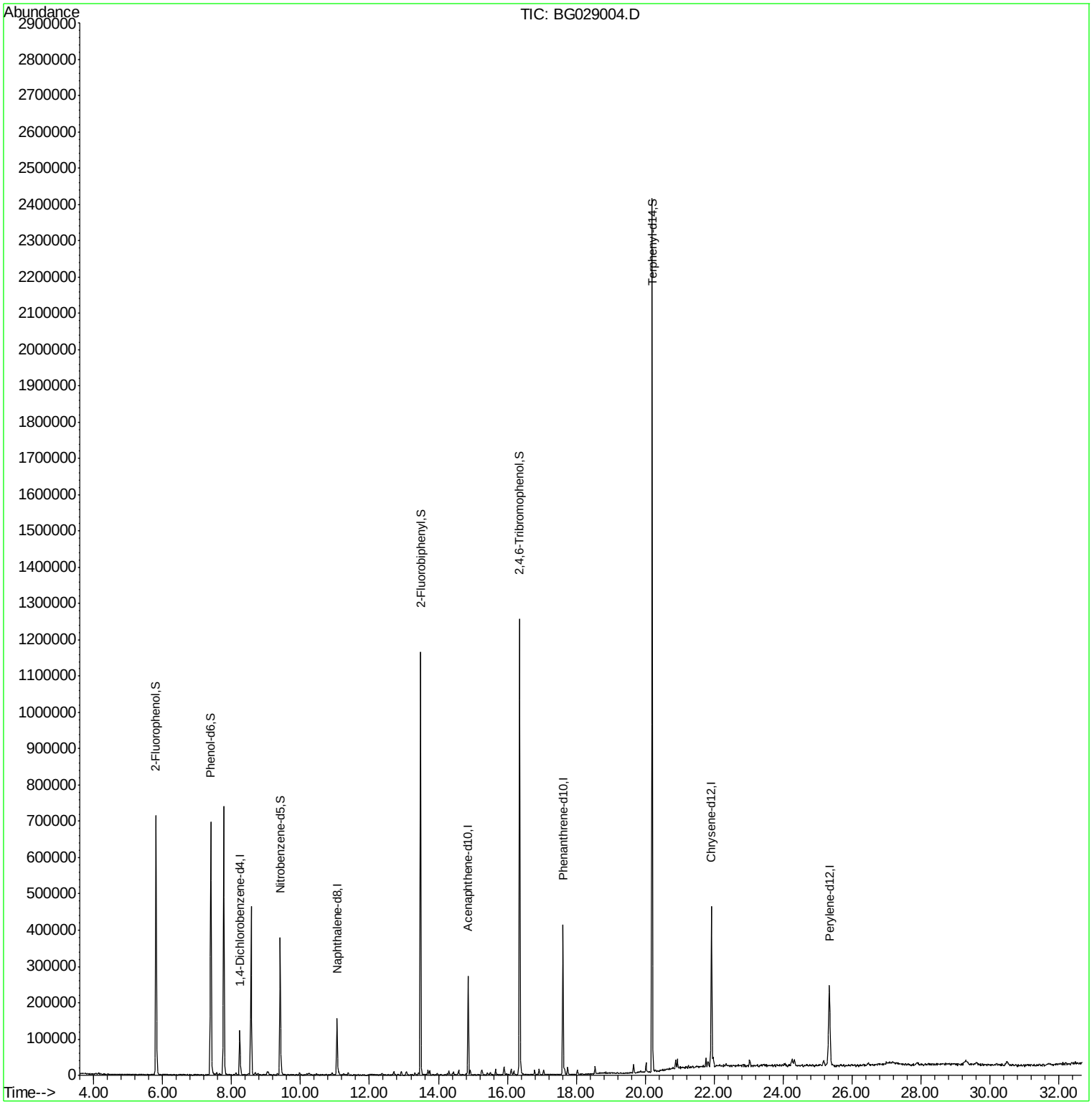
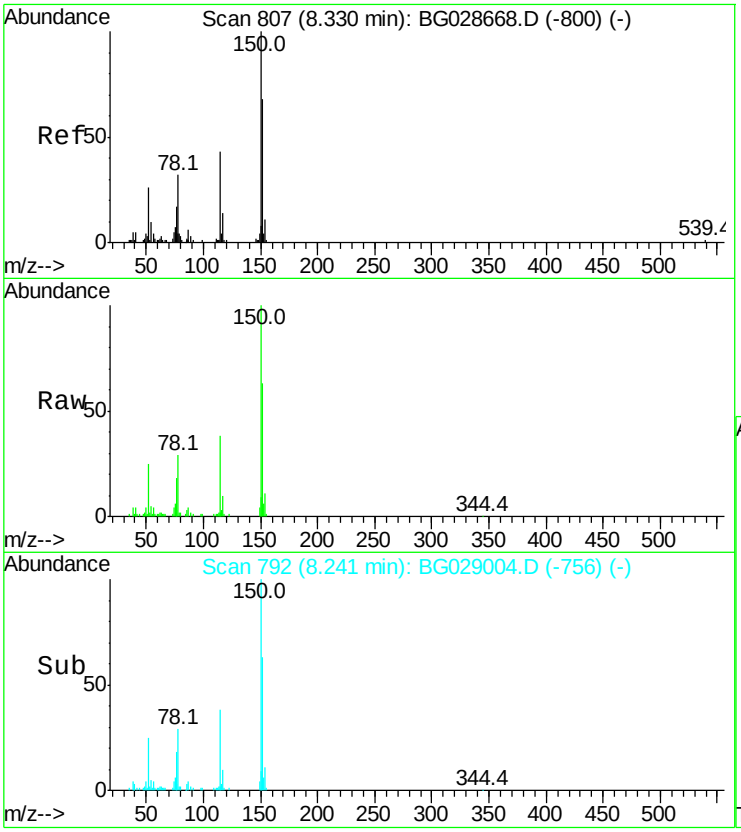


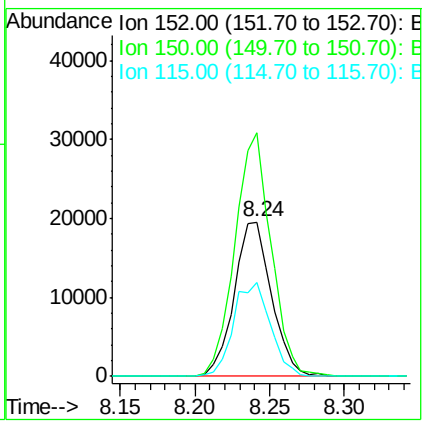


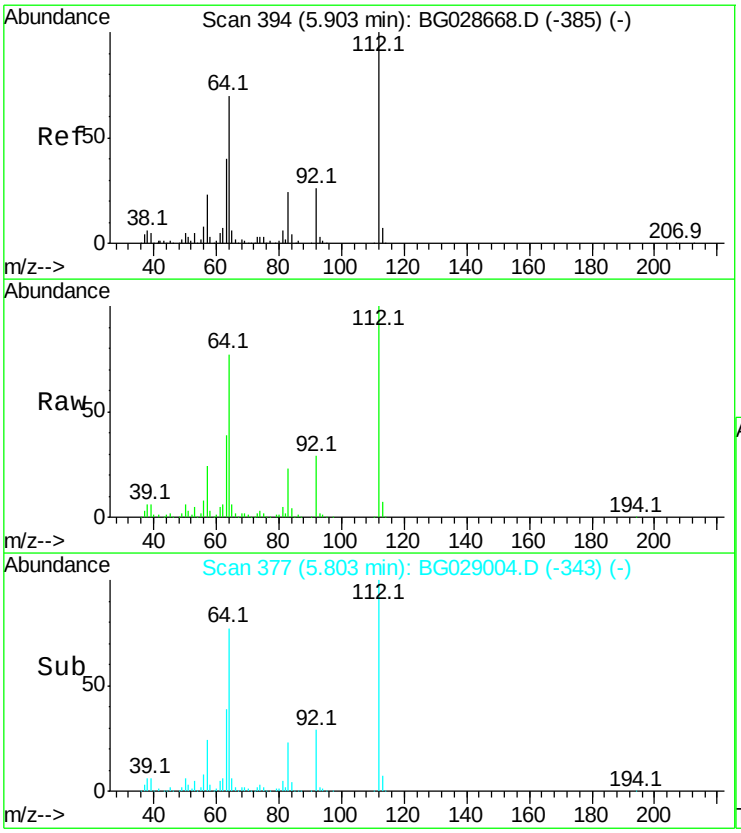
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion:152 Resp: 33908

Ion	Ratio	Lower	Upper
152	100		
150	157.9	114.0	171.0
115	60.8	48.1	72.1

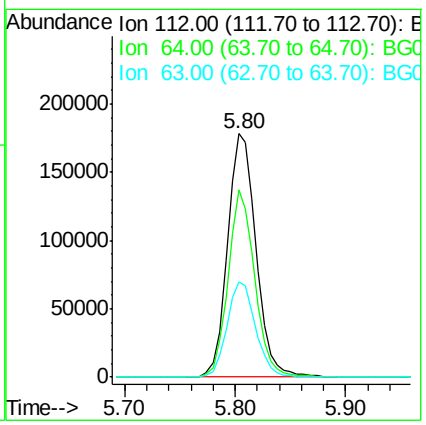


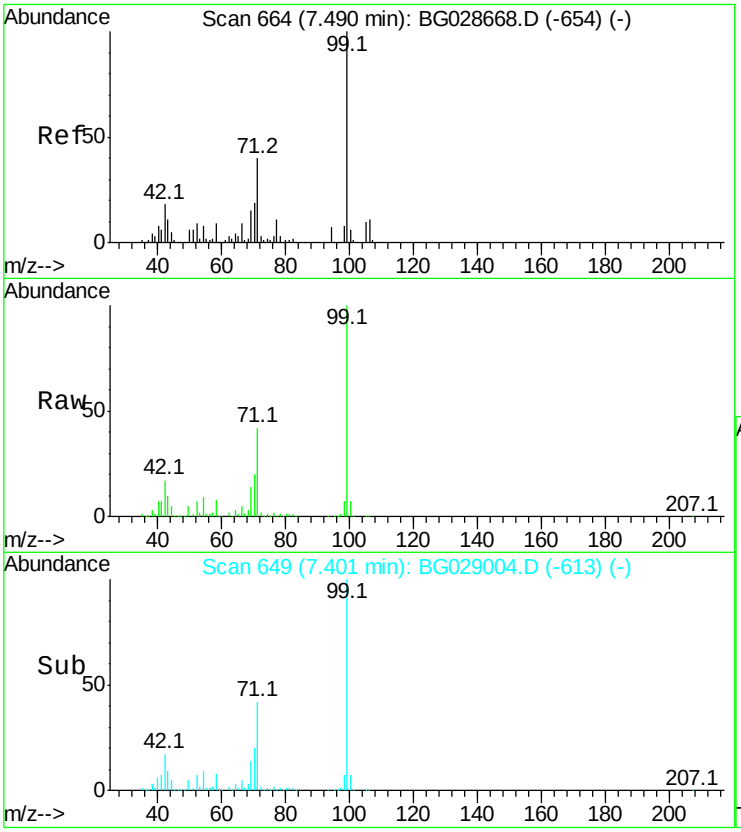


#5
2-Fluorophenol
Concen: 156.614 ng
RT: 5.80 min Scan# 377
Delta R.T. -0.10 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:112 Resp: 321837

Ion	Ratio	Lower	Upper
112	100		
64	76.8	61.8	92.6
63	39.3	37.2	55.8



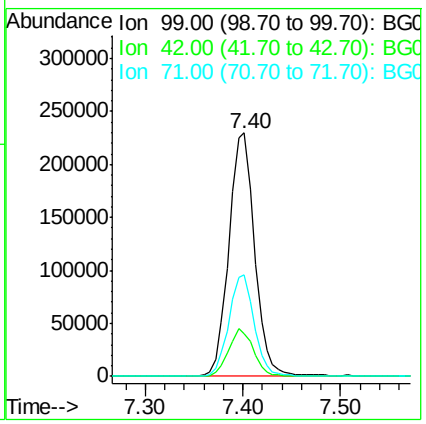


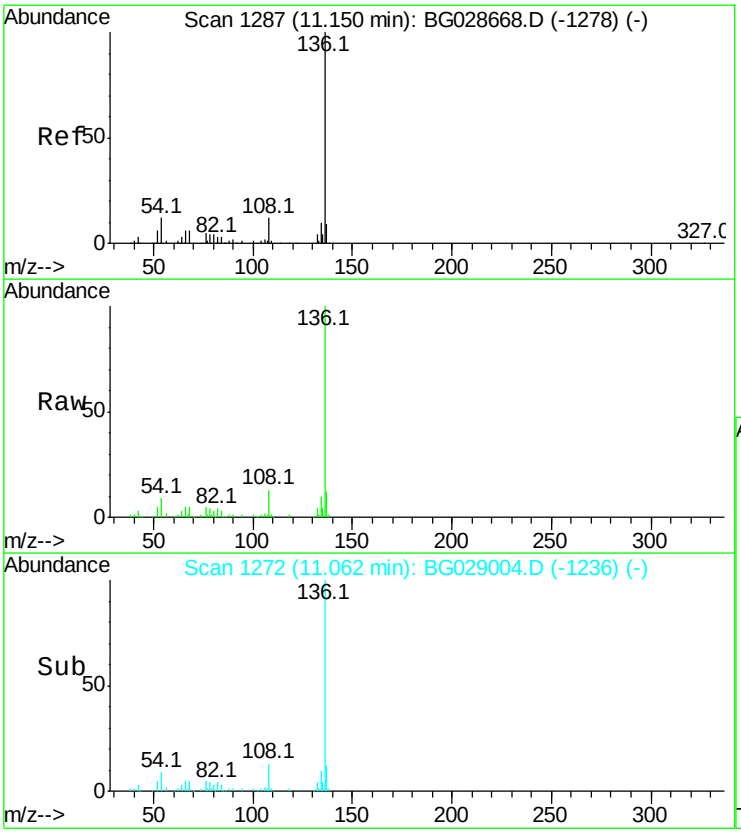
#7
Phenol-d6
Concen: 136.187 ng
RT: 7.40 min Scan# 649
Delta R.T. -0.09 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion: 99 Resp: 421364

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.5	30.7#
71	41.8	37.6	56.4

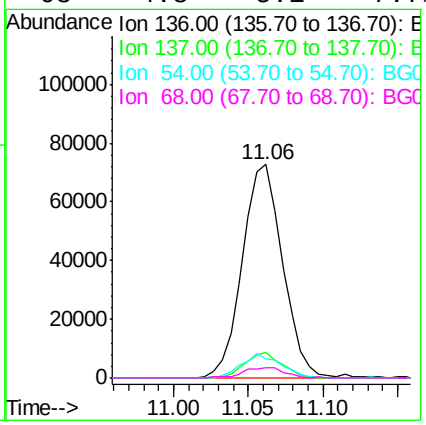


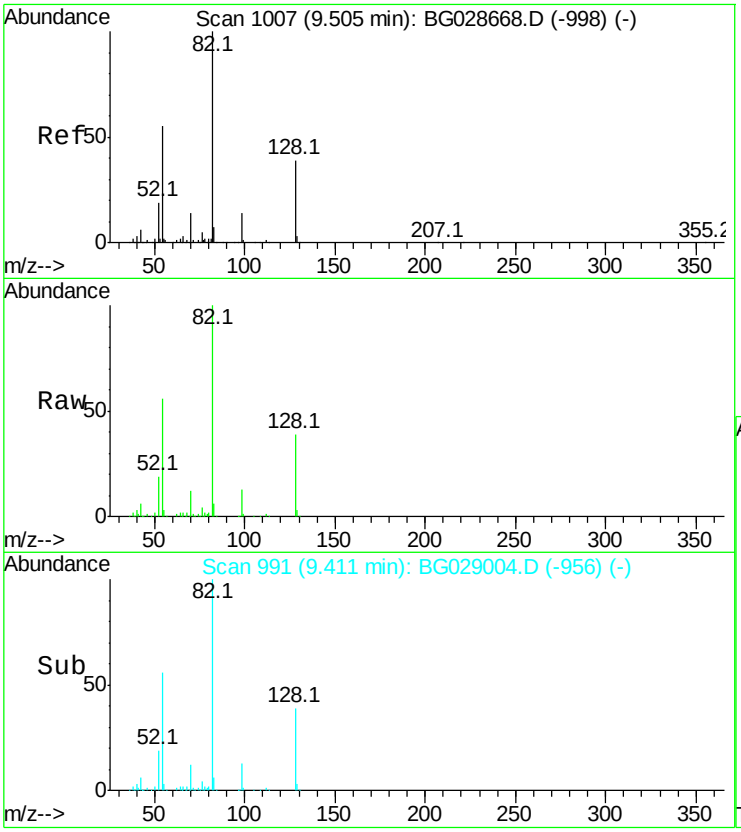


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.06 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:136 Resp: 135466

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	9.2	9.3	13.9#
68	4.8	5.1	7.7#



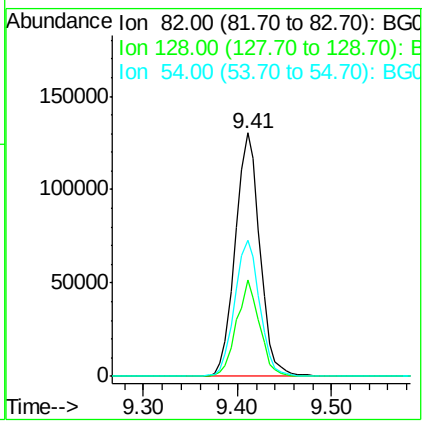


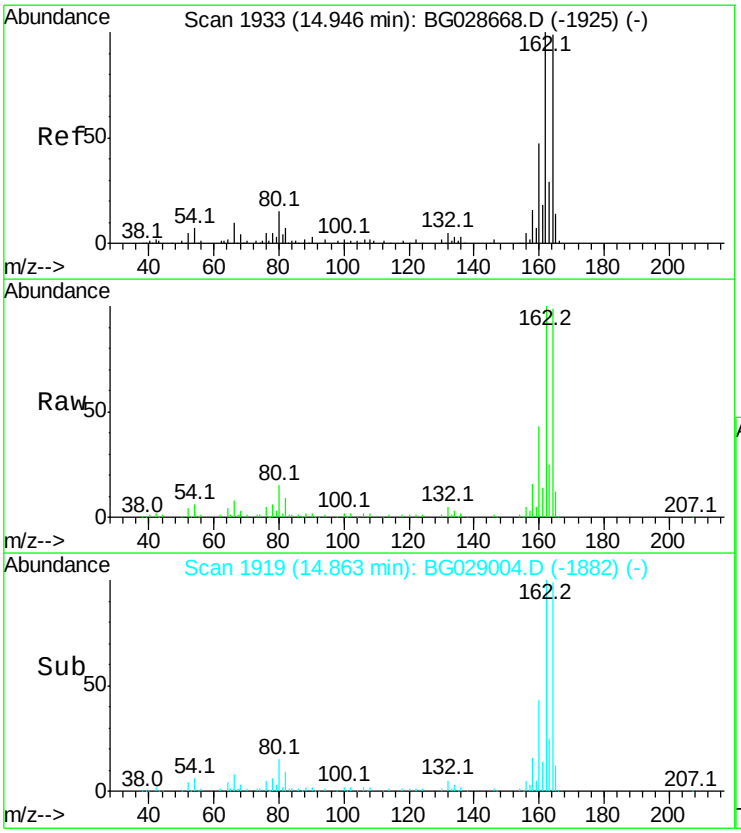
#23
Nitrobenzene-d5
Concen: 83.585 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion: 82 Resp: 236696

Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.4	39.6
54	55.7	49.4	74.2

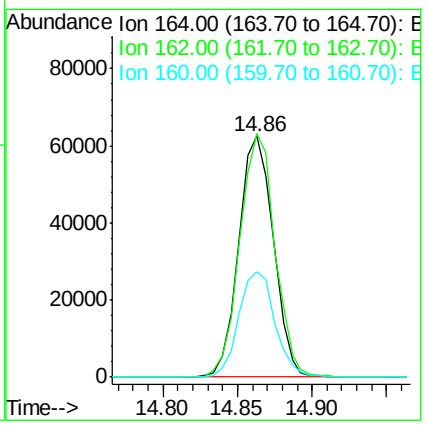


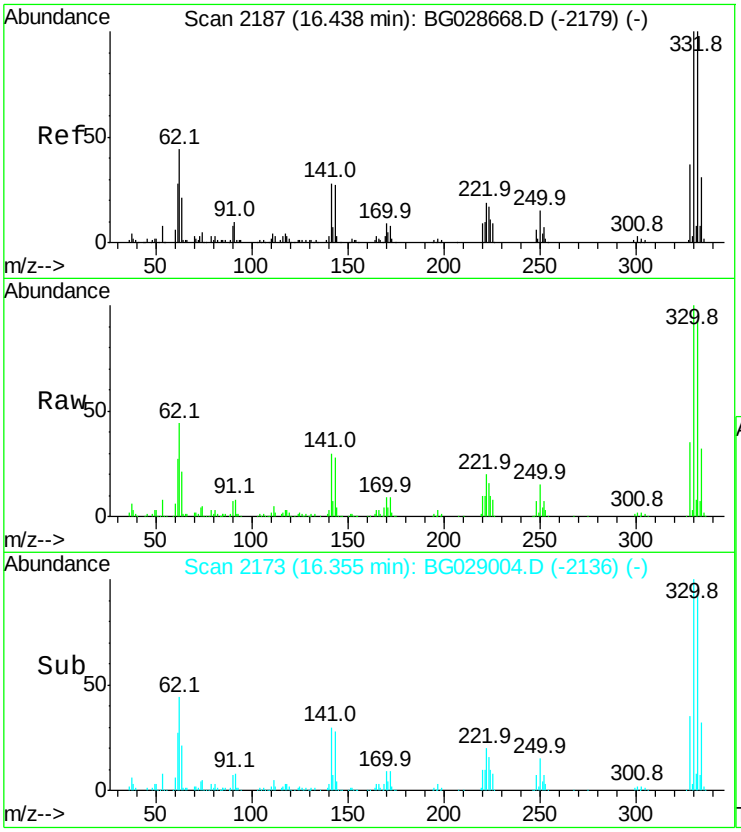


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:164 Resp: 100262

Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	43.8	34.7	52.1



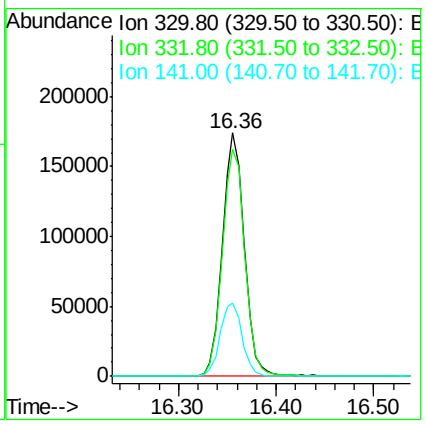


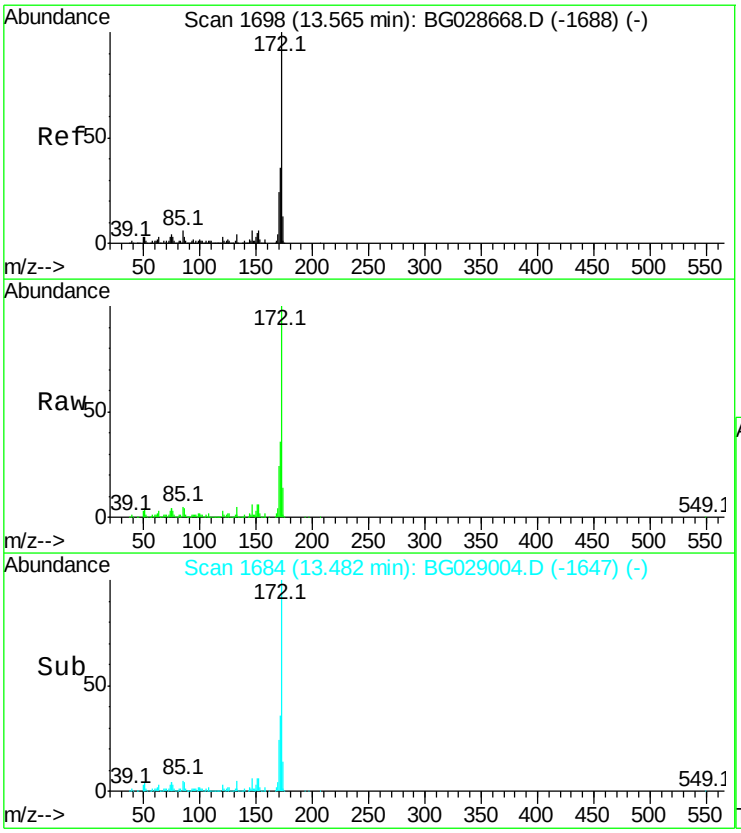
#41
2,4,6-Tribromophenol
Concen: 163.001 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion:330 Resp: 270300

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	30.5	32.1	48.1#

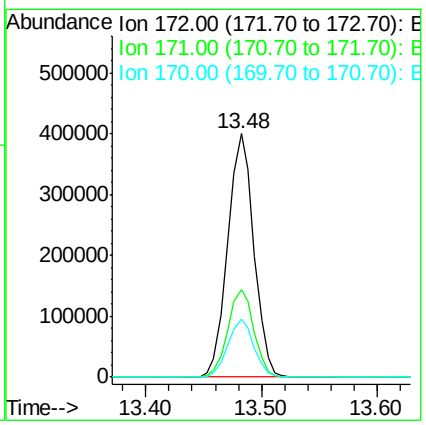


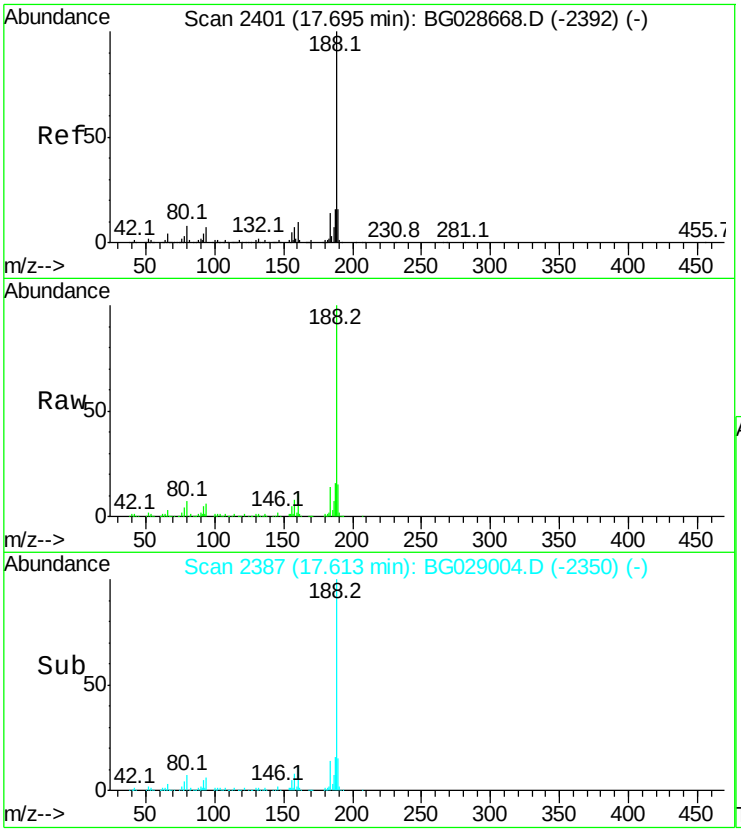


#44
2-Fluorobiphenyl
Concen: 83.345 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:172 Resp: 626686

Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.6	21.8	32.6



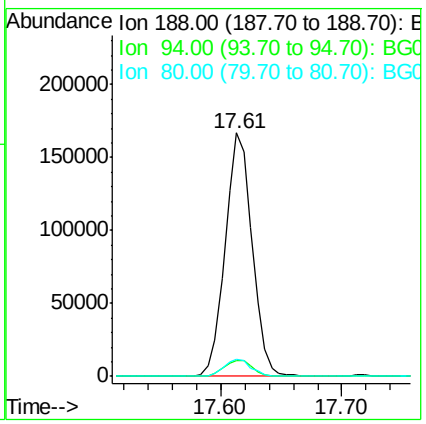


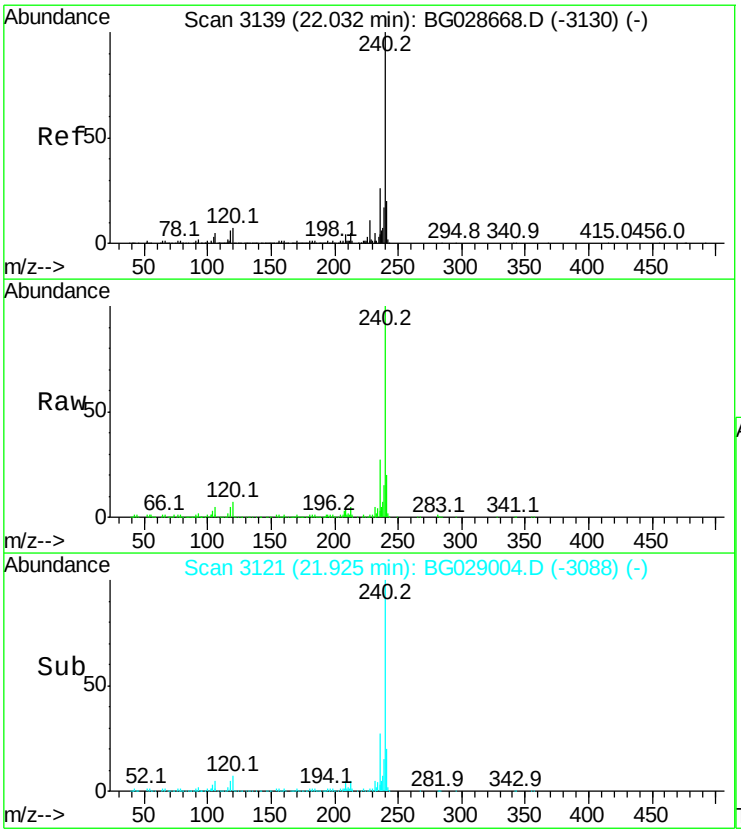
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion:188 Resp: 258131

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	7.2	7.5	11.3#

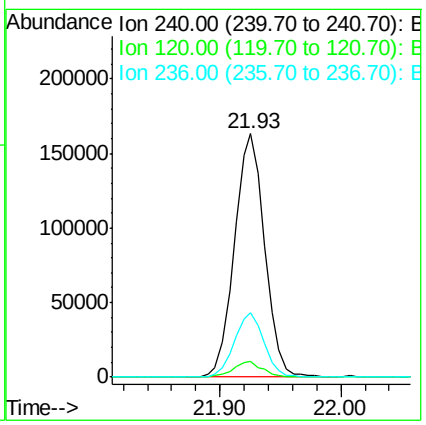


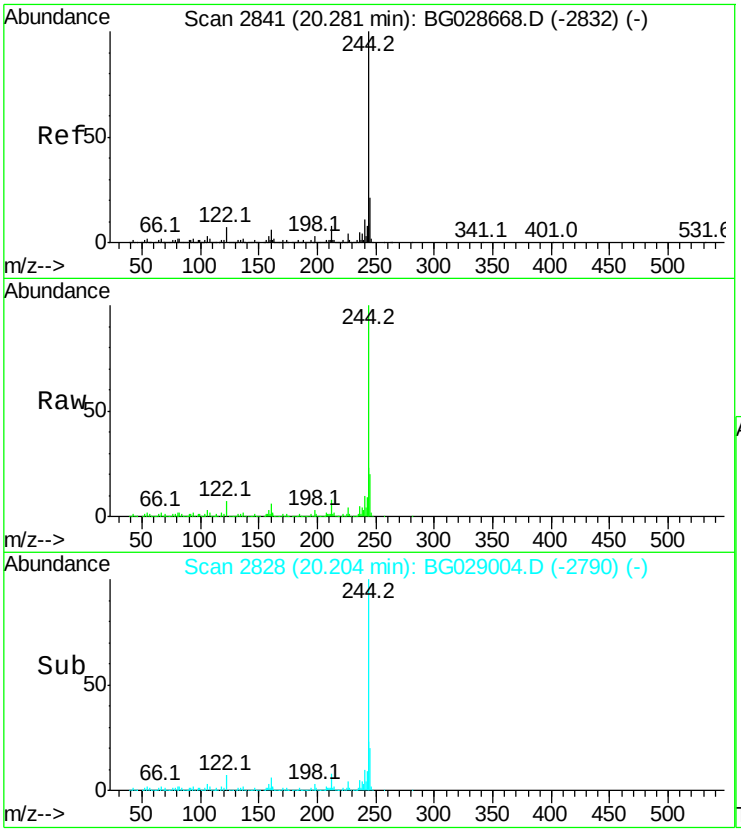


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.11 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:240 Resp: 284380

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.7	8.5
236	26.6	22.2	33.4



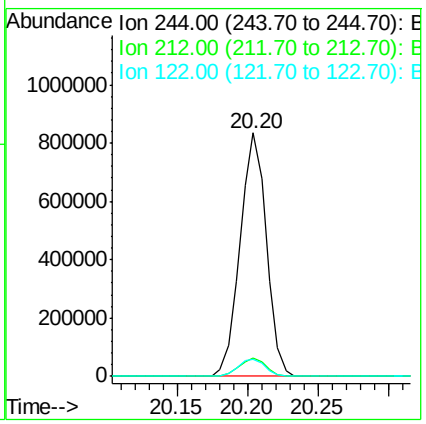


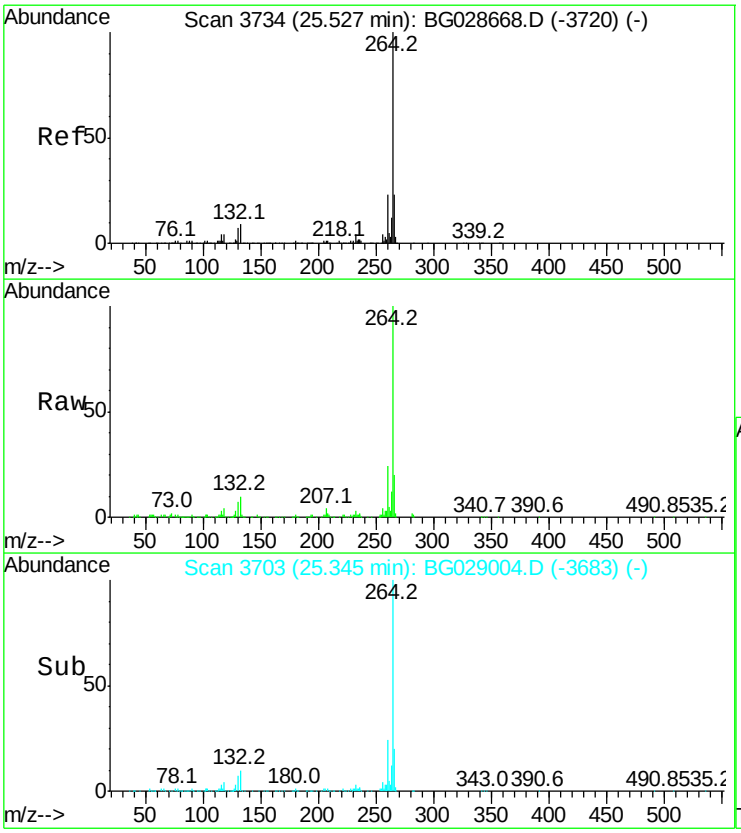
#78
Terphenyl-d14
Concen: 81.626 ng
RT: 20.20 min Scan# 2828
Delta R.T. -0.08 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion:244 Resp: 1088494

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.34 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:264 Resp: 274828

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	20.4	18.2	27.4