Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Quant Time: Jun 10 06:50:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	47813	20.00	ng		-0.03
21) Naphthalene-d8	11.37	136	220618	20.00	ng		-0.03
38) Acenaphthene-d10	15.13	164	137468	20.00	ng		-0.03
63) Phenanthrene-d10	17.88	188	335283	20.00	ng		-0.03
75) Chrysene-d12	22.27	240	389945	20.00	ng		-0.04
86) Perylene-d12	25.95	264	374322	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	8638	2.76	ng		-0.02
7) Phenol-d6	7.69	99	31957	6.95	ng		-0.01
23) Nitrobenzene-d5	9.72	82	92144	26.27	ng		-0.03
41) 2,4,6-Tribromophenol	16.61	330	4594	2.54	ng		-0.03
44) 2-Fluorobiphenyl	13.76	172	191347	19.47	ng		-0.03
78) Terphenyl-d14	20.46	244	209899	13.73	ng		-0.04
Target Compounds							Qvalue
10) Phenol	7.71	94	27536	5.854	ng		82
15) Benzyl Alcohol	8.78	79	8197	2.529	ng		91
49) Dimethylphthalate	14.56	163	80705	7.401	ng	#	98

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

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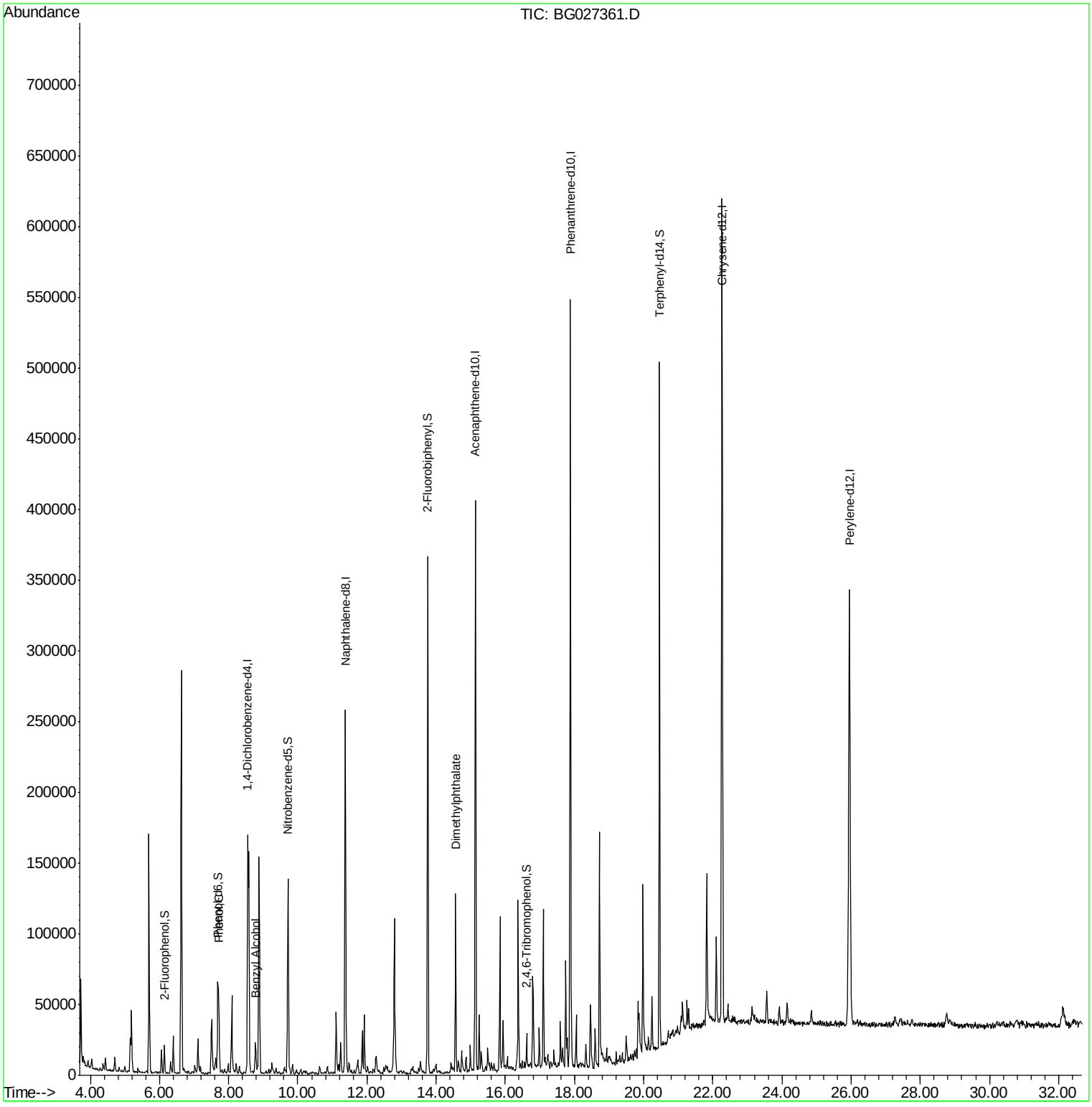
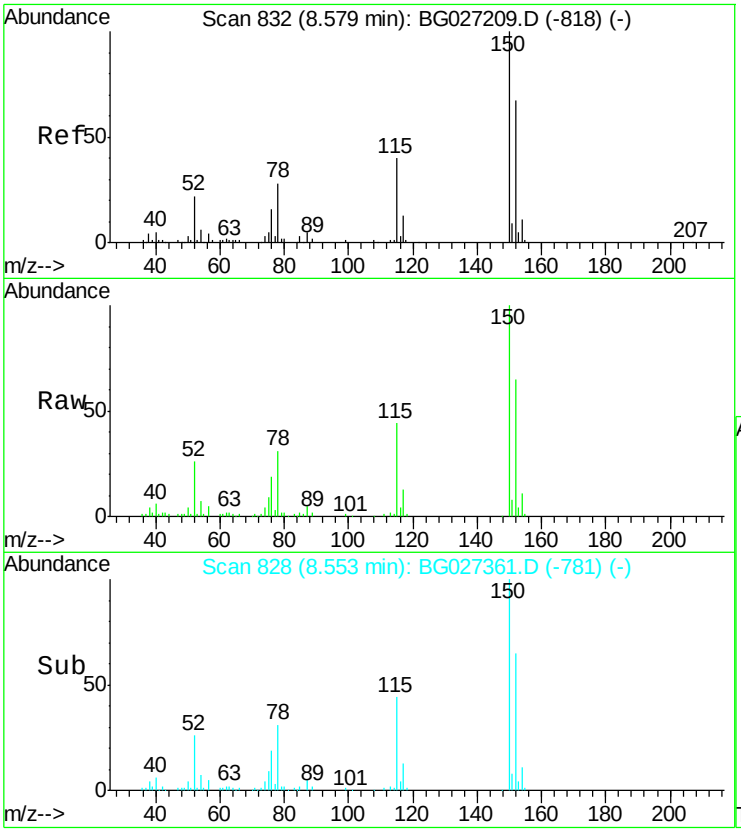


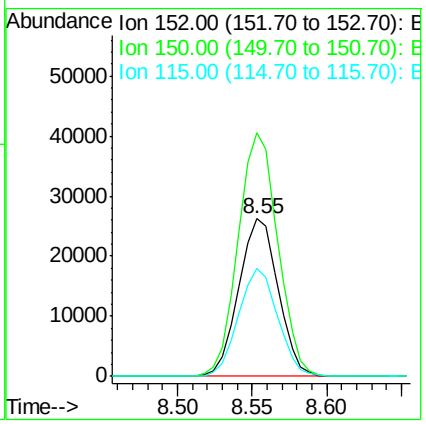


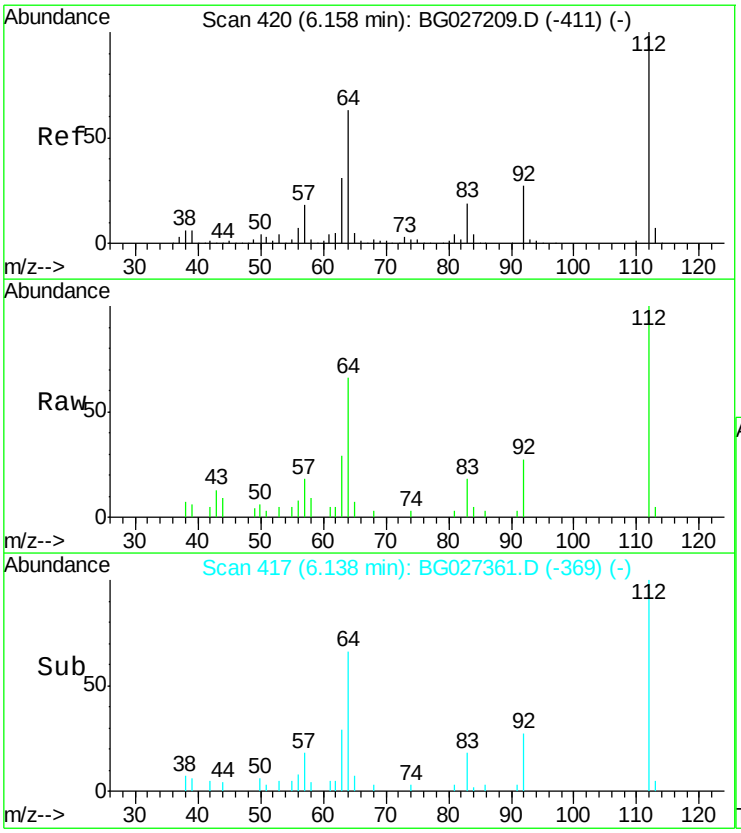
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion:152 Resp: 47813

Ion	Ratio	Lower	Upper
152	100		
150	154.6	114.0	171.0
115	68.3	48.1	72.1

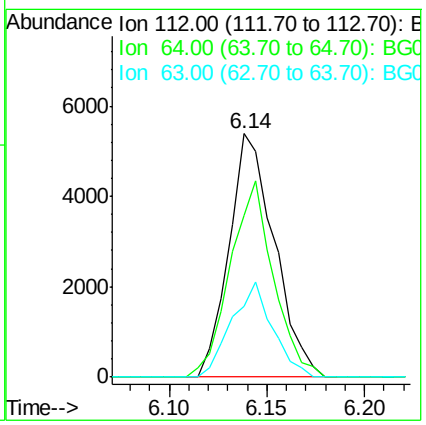


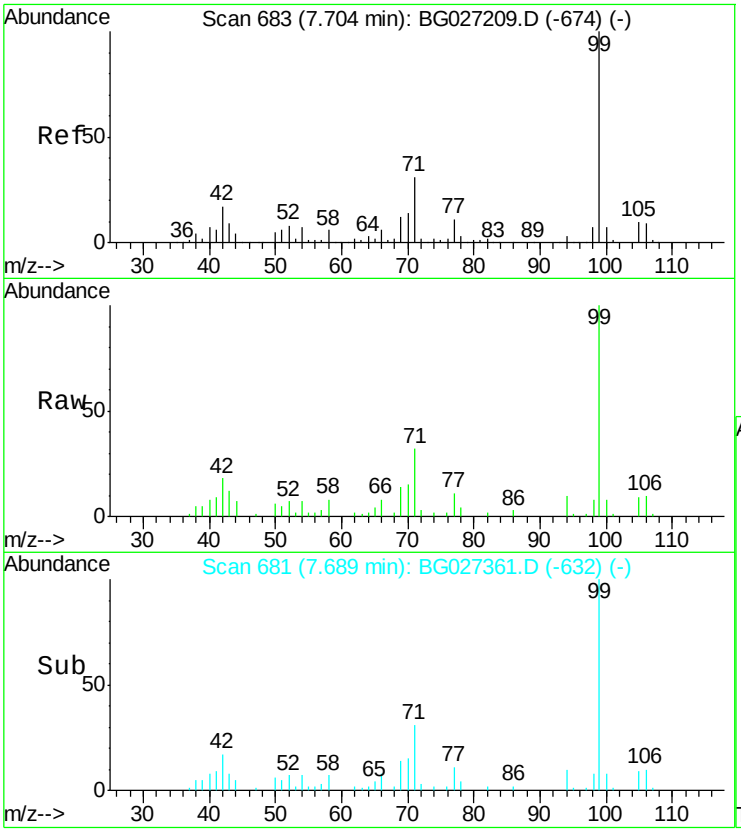


#5
2-Fluorophenol
Concen: 2.757 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:112 Resp: 8638

Ion	Ratio	Lower	Upper
112	100		
64	66.2	61.8	92.6
63	29.3	37.2	55.8#



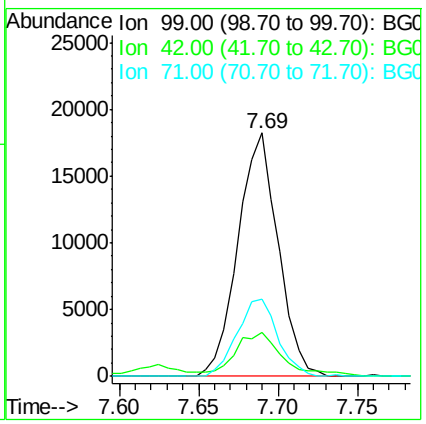


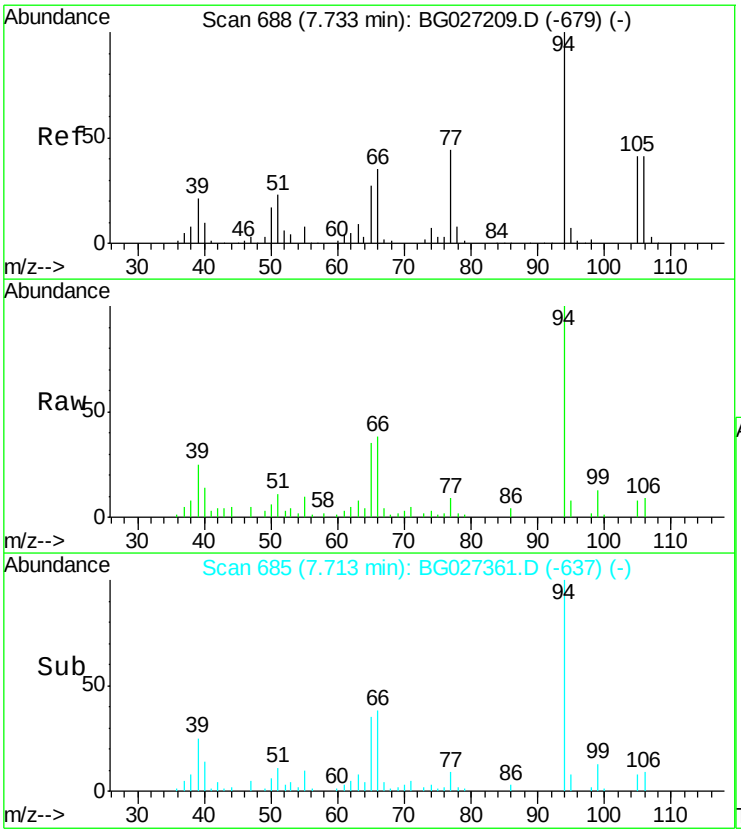
#7
Phenol-d6
Concen: 6.948 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion: 99 Resp: 31957

Ion	Ratio	Lower	Upper
99	100		
42	18.3	20.5	30.7#
71	31.8	37.6	56.4#

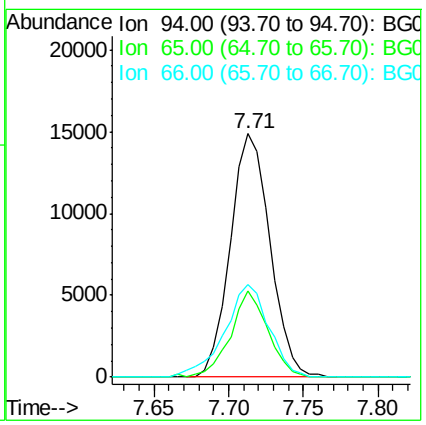


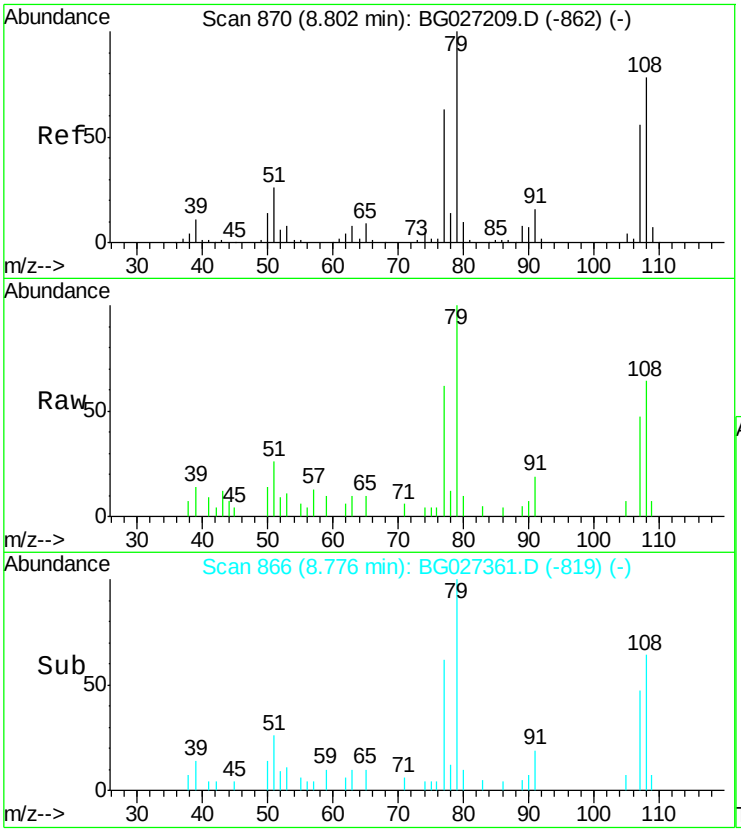


#10
Phenol
Concen: 5.854 ng
RT: 7.71 min Scan# 685
Delta R.T. -0.02 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion: 94 Resp: 27536

Ion	Ratio	Lower	Upper
94	100		
65	35.4	20.6	60.6
66	37.8	35.5	75.5



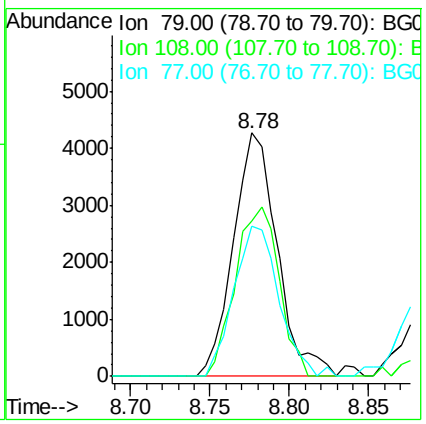


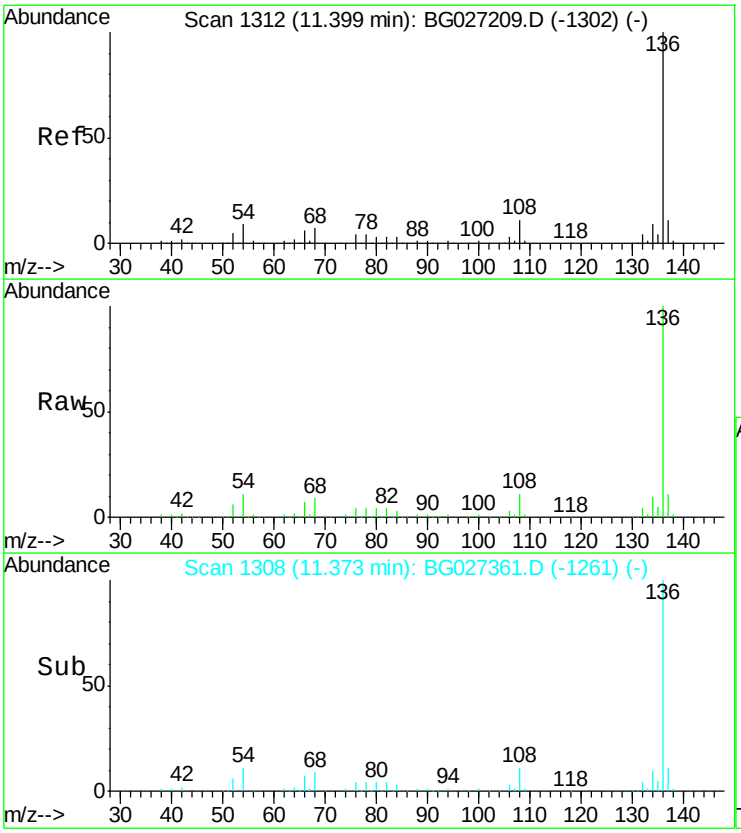
#15
Benzyl Alcohol
Concen: 2.529 ng
RT: 8.78 min Scan# 866
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion: 79 Resp: 8197

Ion	Ratio	Lower	Upper
79	100		
108	64.0	45.5	68.3
77	61.5	54.3	81.5

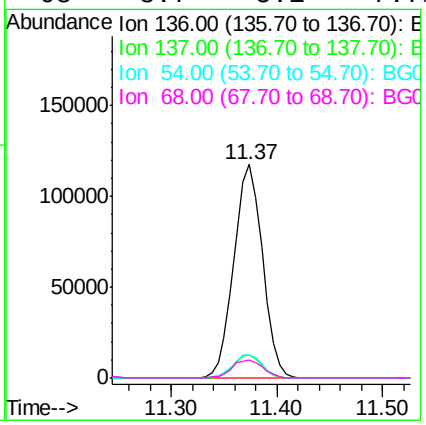


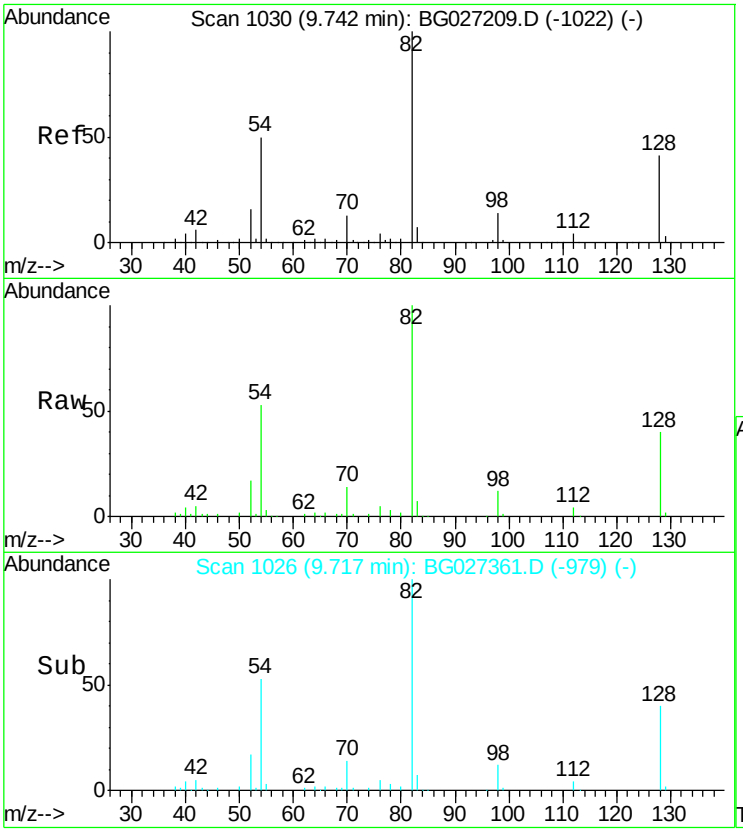


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:136 Resp: 220618

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.5	9.3	13.9
68	8.7	5.1	7.7#



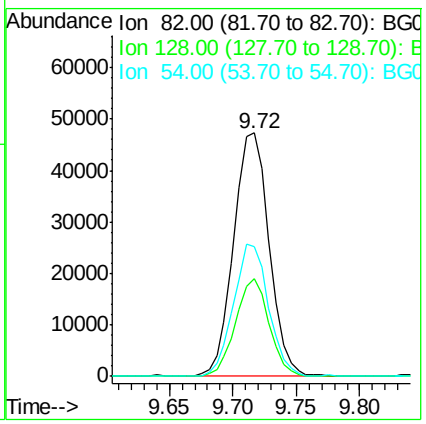


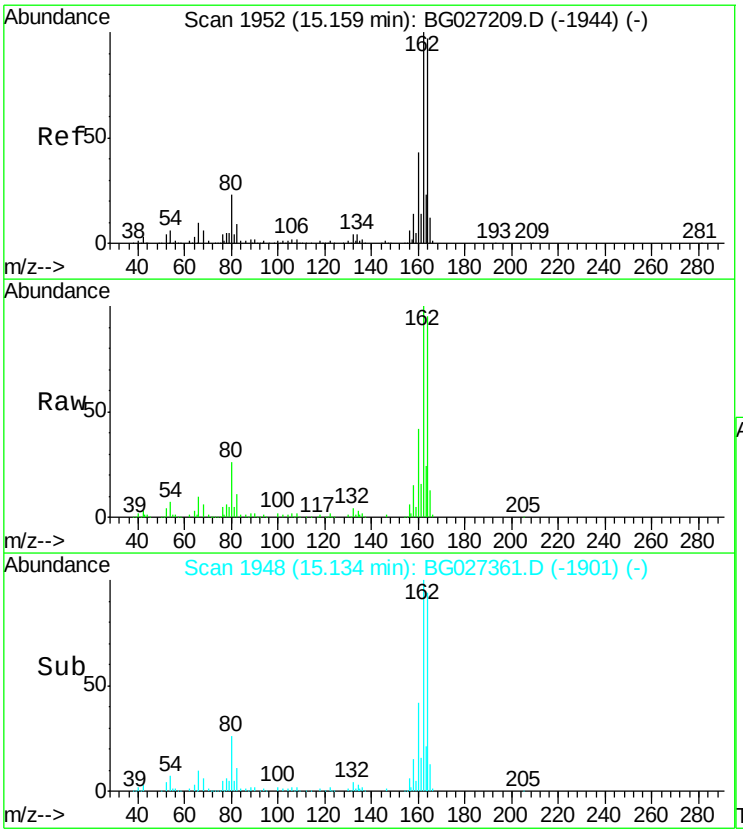
#23
Nitrobenzene-d5
Concen: 26.267 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion: 82 Resp: 92144

Ion	Ratio	Lower	Upper
82	100		
128	40.1	26.4	39.6#
54	53.0	49.4	74.2

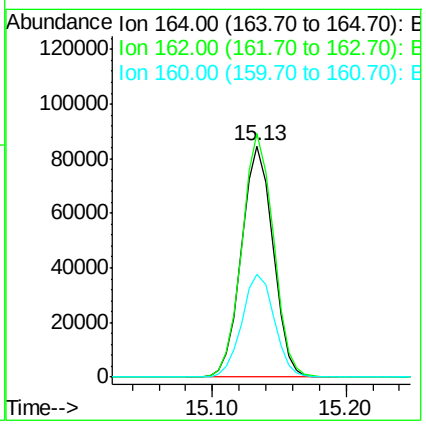


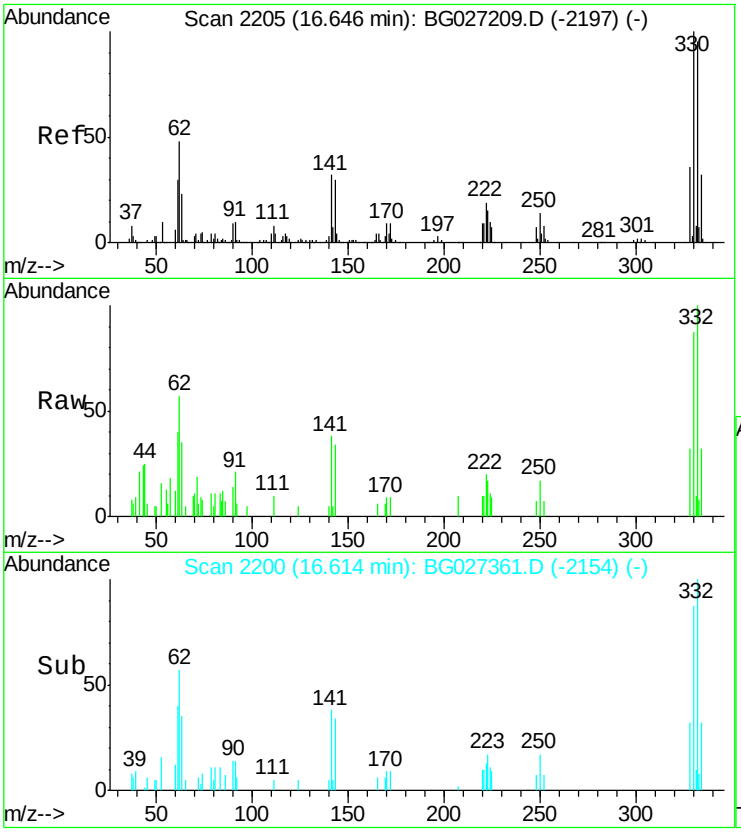


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:164 Resp: 137468

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	44.6	34.7	52.1



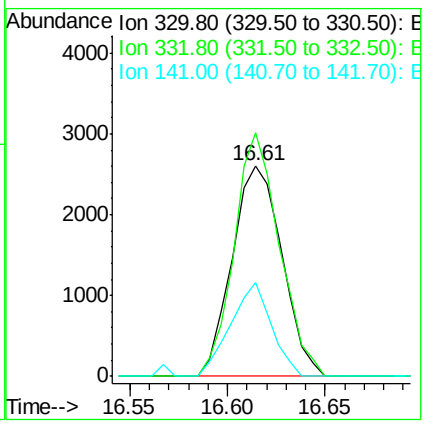


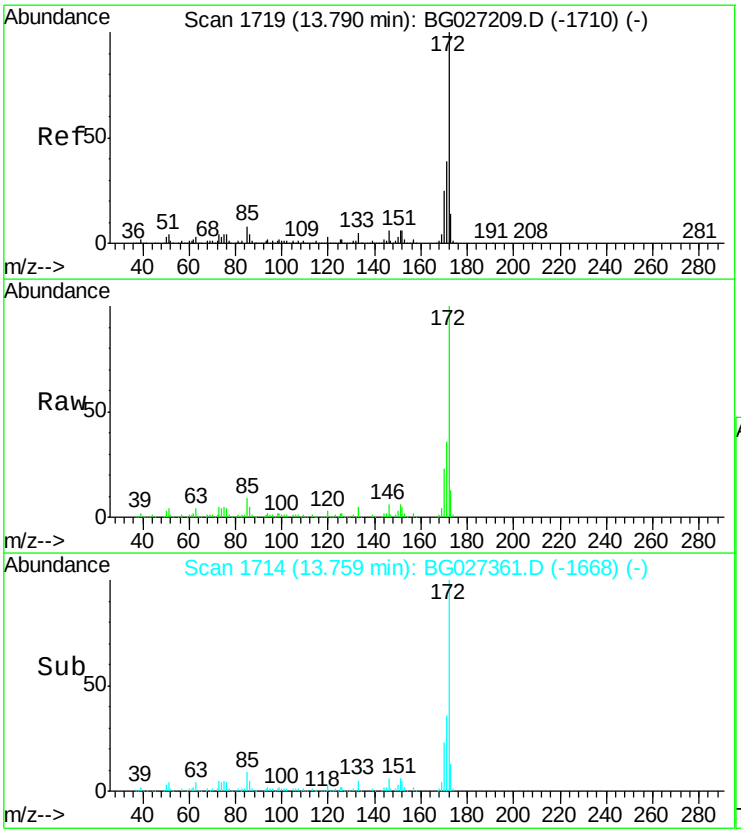
#41
2,4,6-Tribromophenol
Concen: 2.538 ng
RT: 16.61 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion:330 Resp: 4594

Ion	Ratio	Lower	Upper
330	100		
332	104.9	77.3	115.9
141	36.4	32.1	48.1

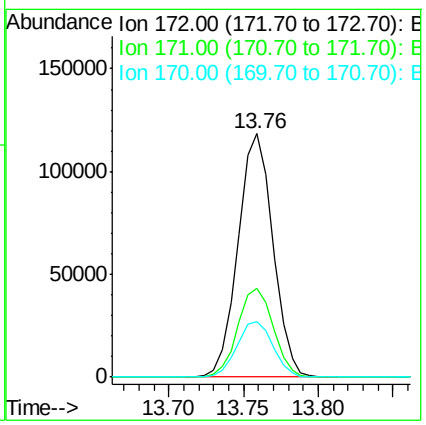


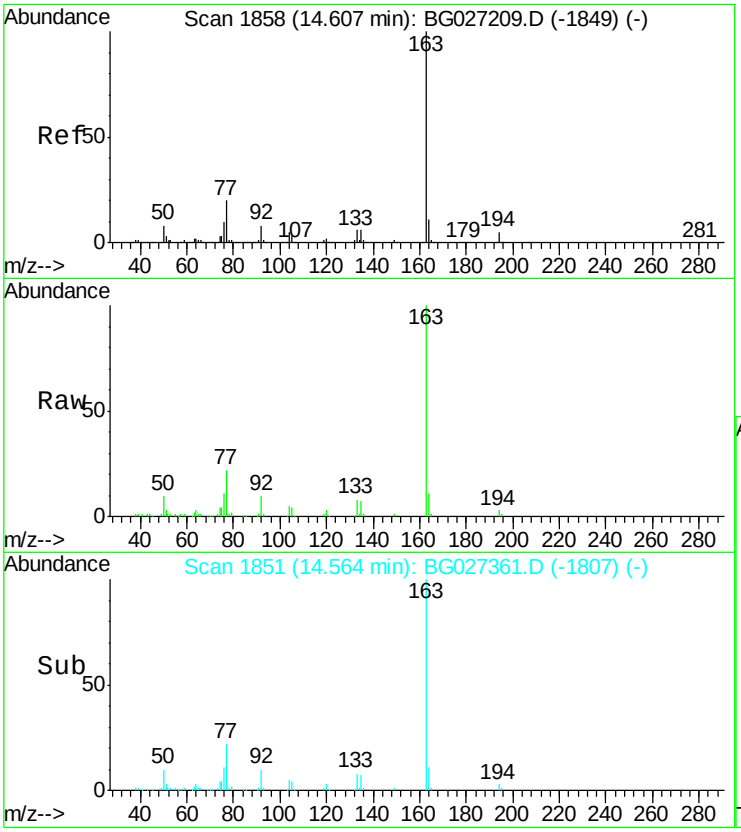


#44
2-Fluorobiphenyl
Concen: 19.473 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:172 Resp: 191347

Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	22.8	21.8	32.6



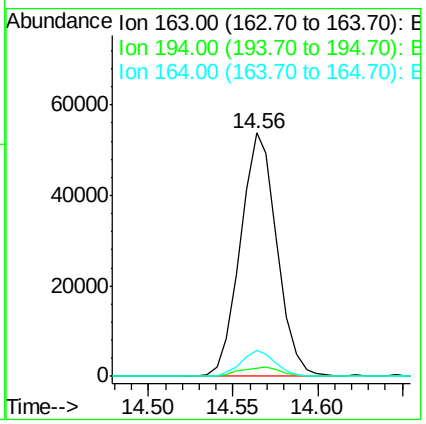


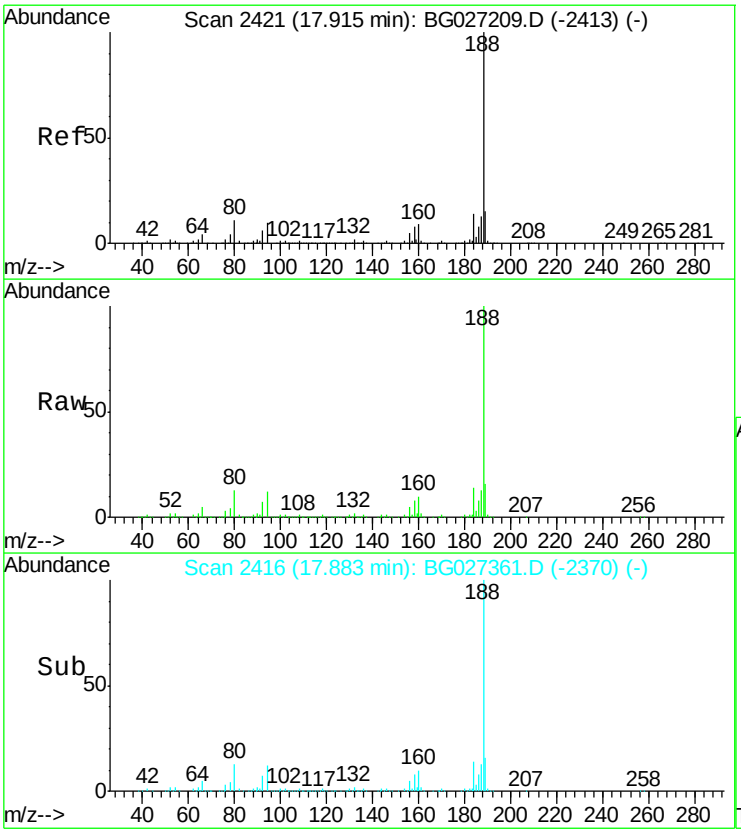
#49
Dimethylphthalate
Concen: 7.401 ng
RT: 14.56 min Scan# 1851
Delta R.T. -0.04 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion:163 Resp: 80705

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.8	5.6#
164	10.9	9.3	13.9

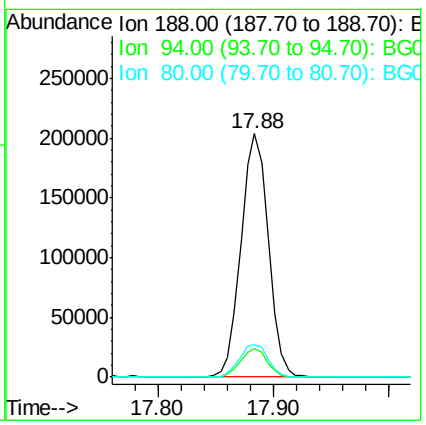


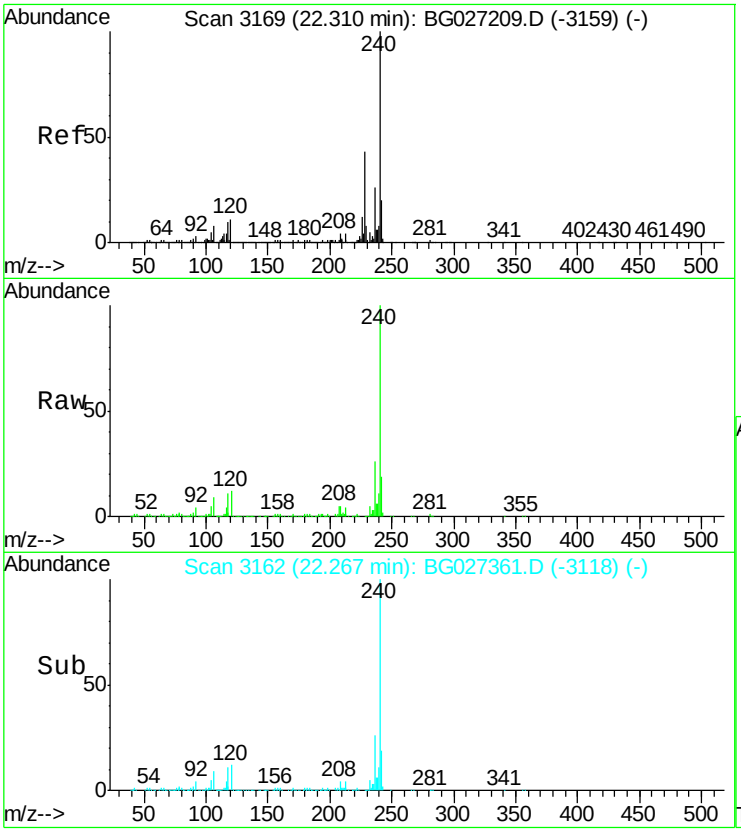


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:188 Resp: 335283

Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.8	8.8#
80	13.4	7.5	11.3#



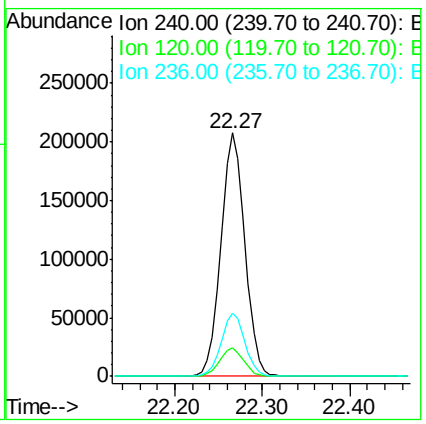


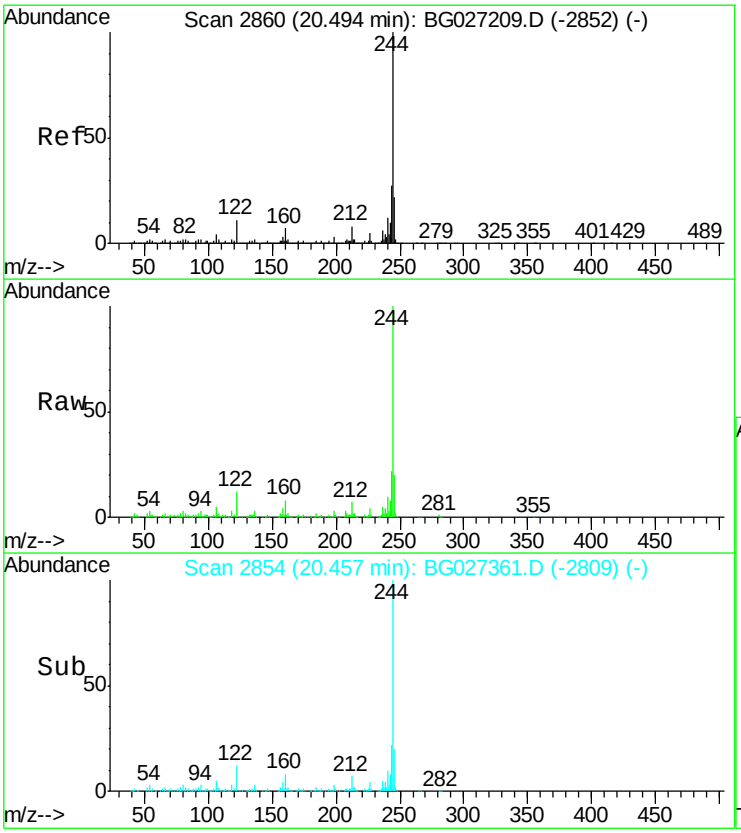
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion:240 Resp: 389945

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.7	8.5#
236	26.0	22.2	33.4

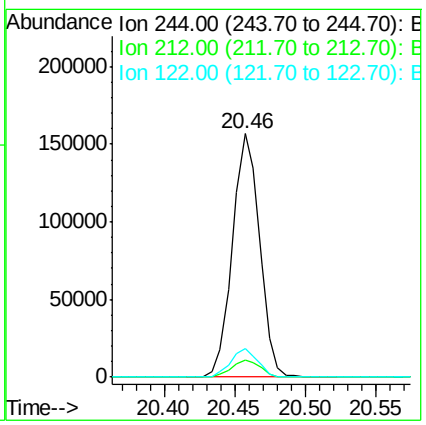


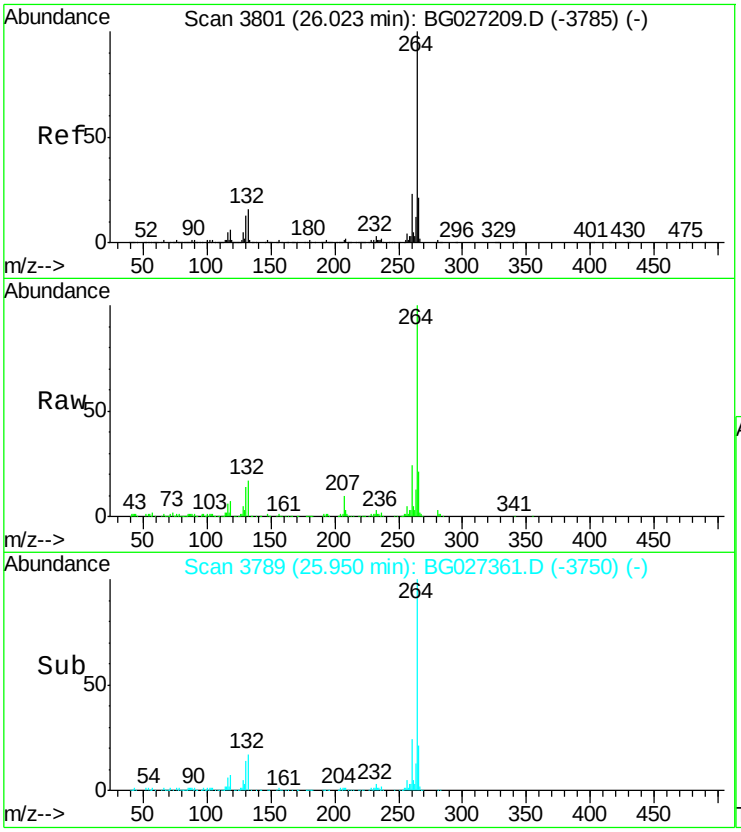


#78
Terphenyl-d14
Concen: 13.732 ng
RT: 20.46 min Scan# 2854
Delta R.T. -0.04 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Tgt Ion:244 Resp: 209899

Ion	Ratio	Lower	Upper
244	100		
212	7.1	10.0	15.0#
122	11.7	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.95 min Scan# 3789
Delta R.T. -0.07 min
Lab File: BG027361.D
Acq: 10 Jun 2017 00:03

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Tgt Ion:264 Resp: 374322

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.4	18.2	27.4