Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027667.D
Acq On : 24 Jun 2017 20:08
Operator : SJ/JU
Sample : I3841-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VL-WWTP-003

Quant Time: Jun 26 04:21:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	18291	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87212	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	56790	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	152792	20.00	ng	0.00
75) Chrysene-d12	22.20	240	166944	20.00	ng	-0.01
86) Perylene-d12	25.84	264	157612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	52800	41.08	ng	0.00
7) Phenol-d6	7.64	99	45011	23.66	ng	0.00
23) Nitrobenzene-d5	9.67	82	174934	94.91	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	86955	102.71	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	410745	98.80	ng	0.00
78) Terphenyl-d14	20.41	244	770090	108.68	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.52	163	11751	2.363	ng	# 95

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

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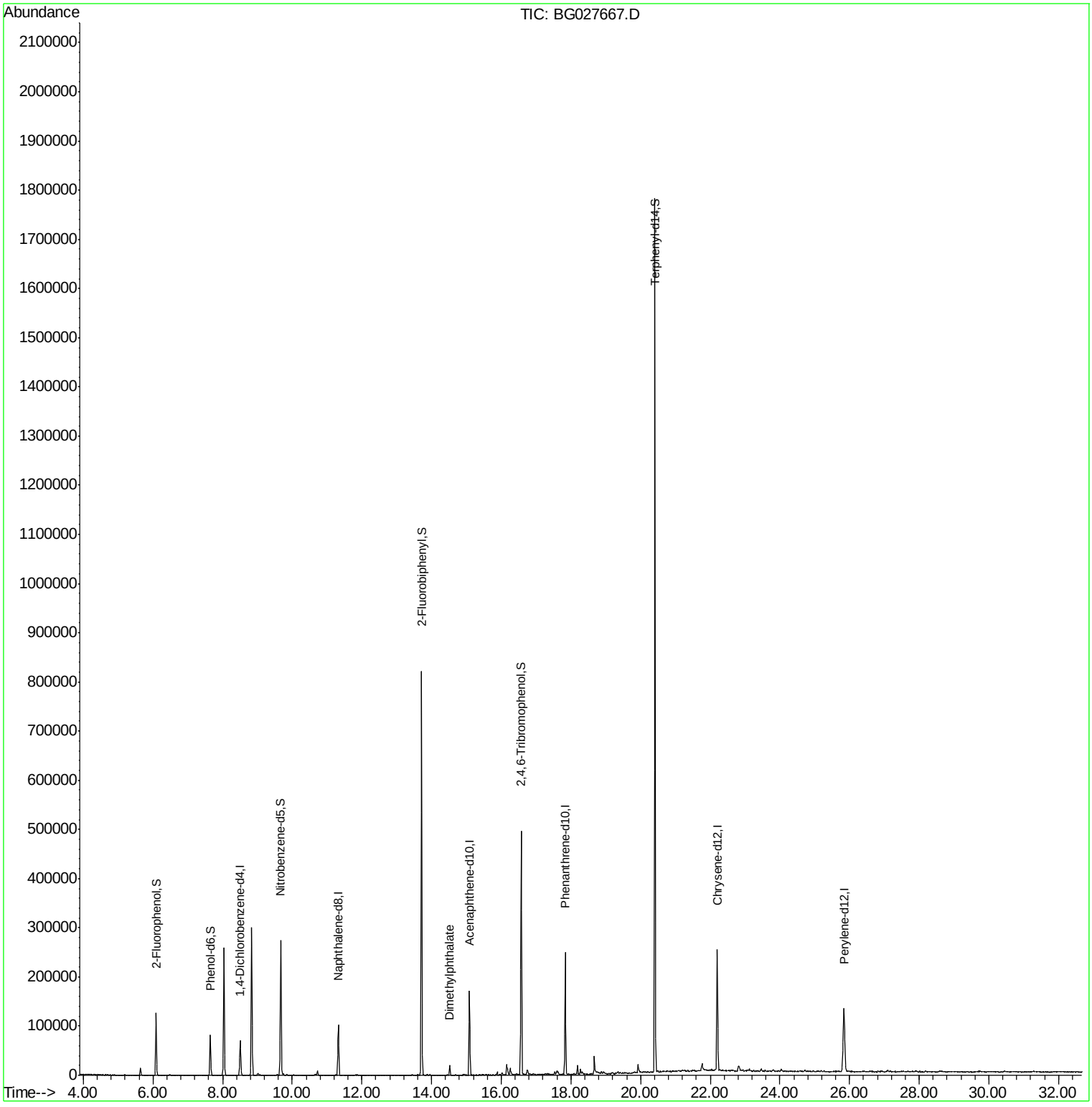
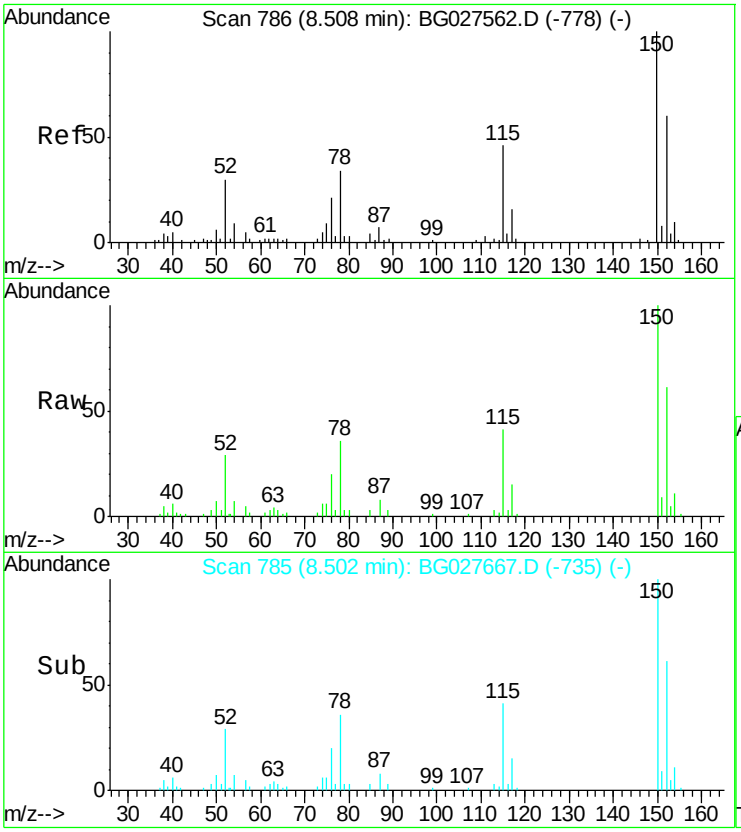


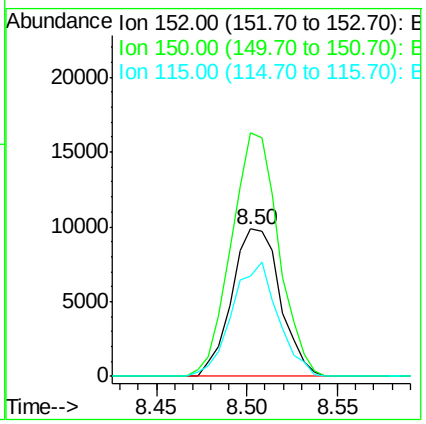


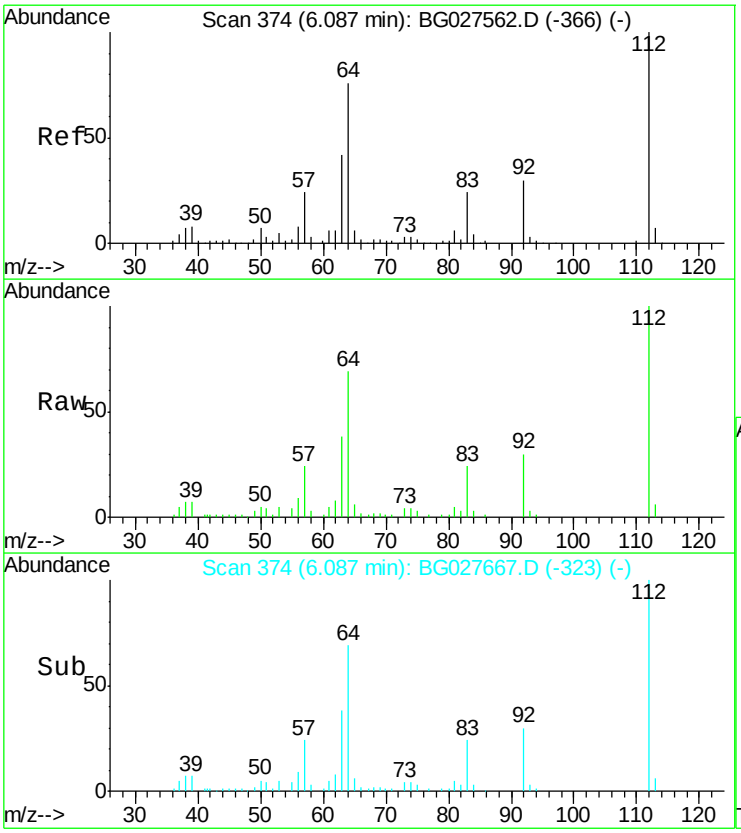
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

Tgt Ion:152 Resp: 18291

Ion	Ratio	Lower	Upper
152	100		
150	165.2	114.0	171.0
115	68.3	48.1	72.1

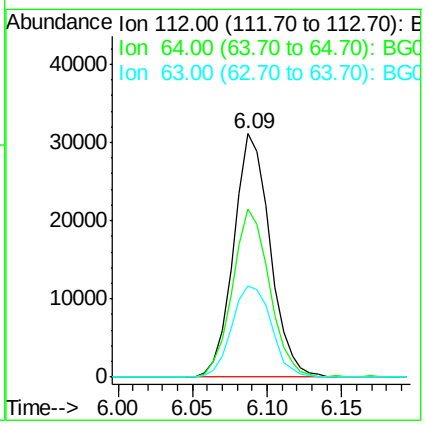




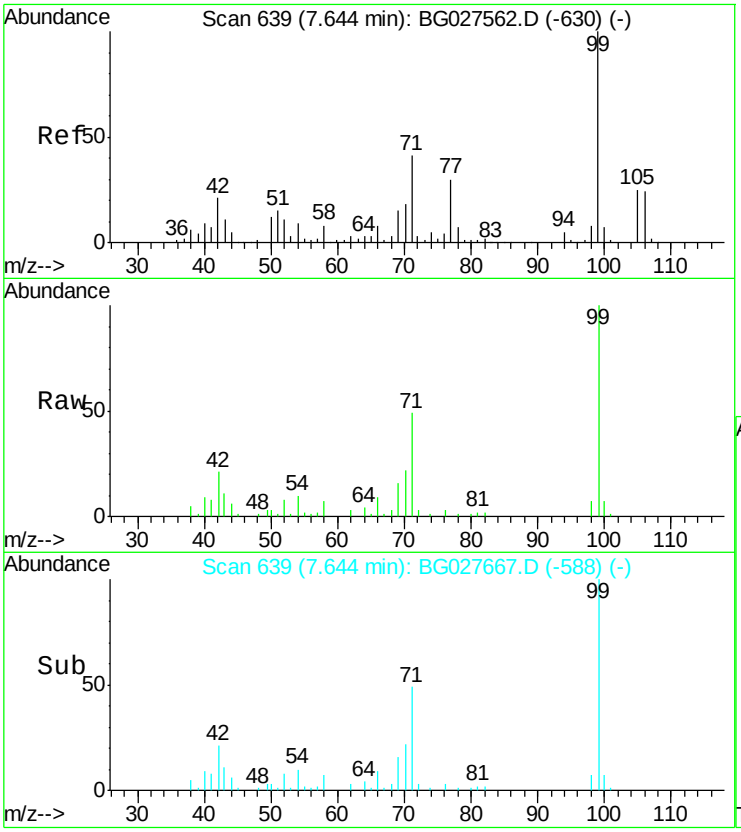
#5
2-Fluorophenol
Concen: 41.084 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion:112 Resp: 52800

Ion	Ratio	Lower	Upper
112	100		
64	69.0	61.8	92.6
63	37.7	37.2	55.8



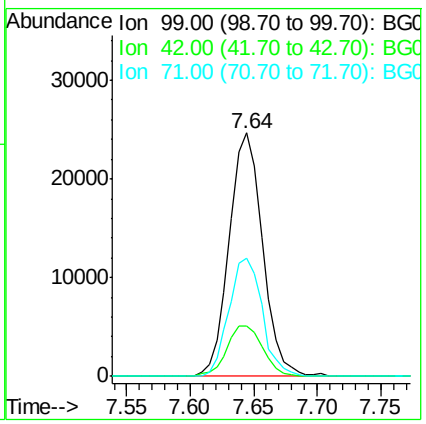
Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

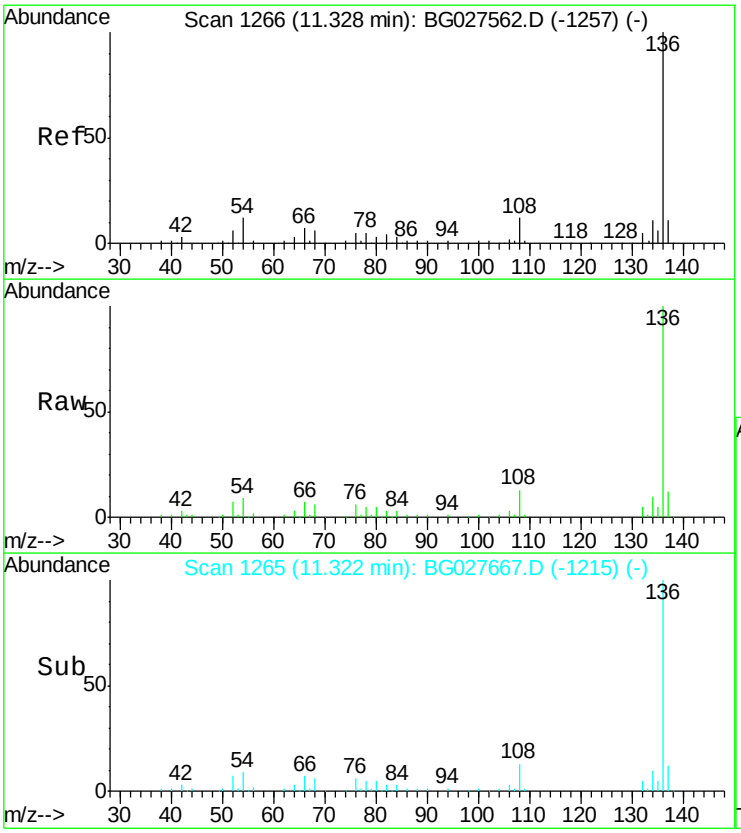


#7
Phenol-d6
Concen: 23.658 ng
RT: 7.64 min Scan# 639
Delta R.T. 0.00 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion: 99 Resp: 45011

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.5	30.7
71	48.7	37.6	56.4

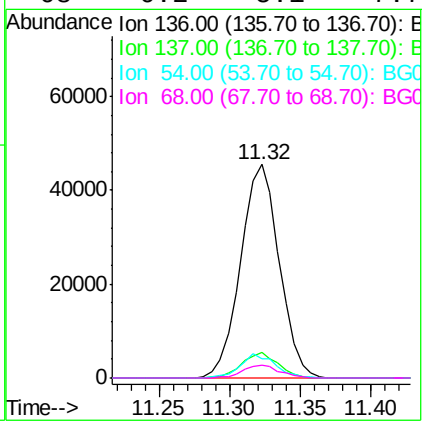


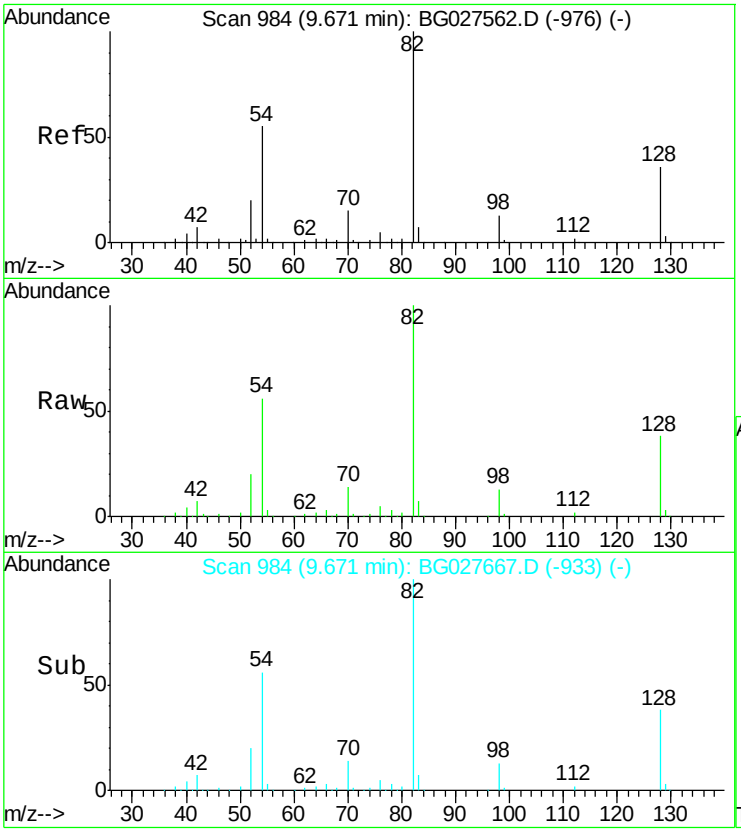


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion:136 Resp: 87212

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.9	9.3	13.9#
68	6.2	5.1	7.7



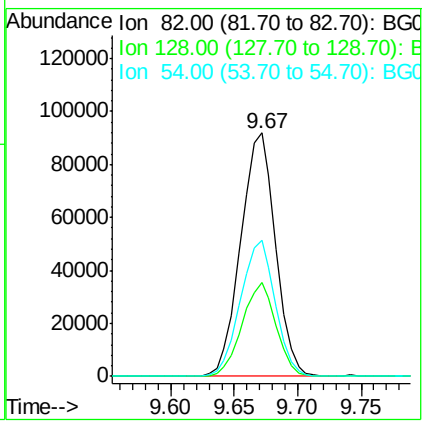


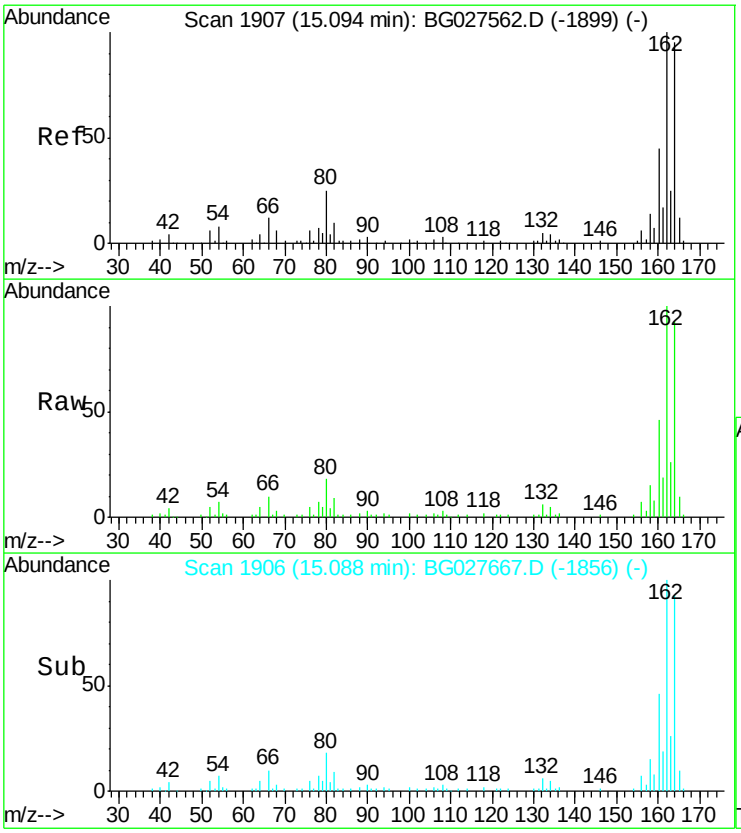
#23
Nitrobenzene-d5
Concen: 94.914 ng
RT: 9.67 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

Tgt Ion: 82 Resp: 174934

Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	55.7	49.4	74.2

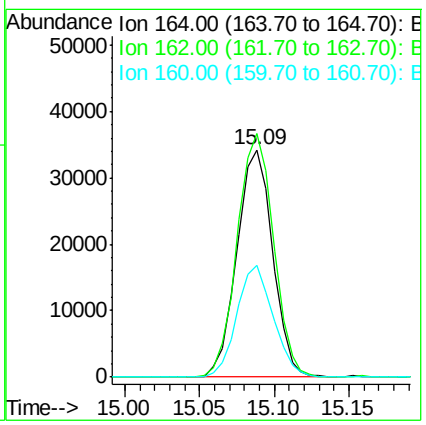


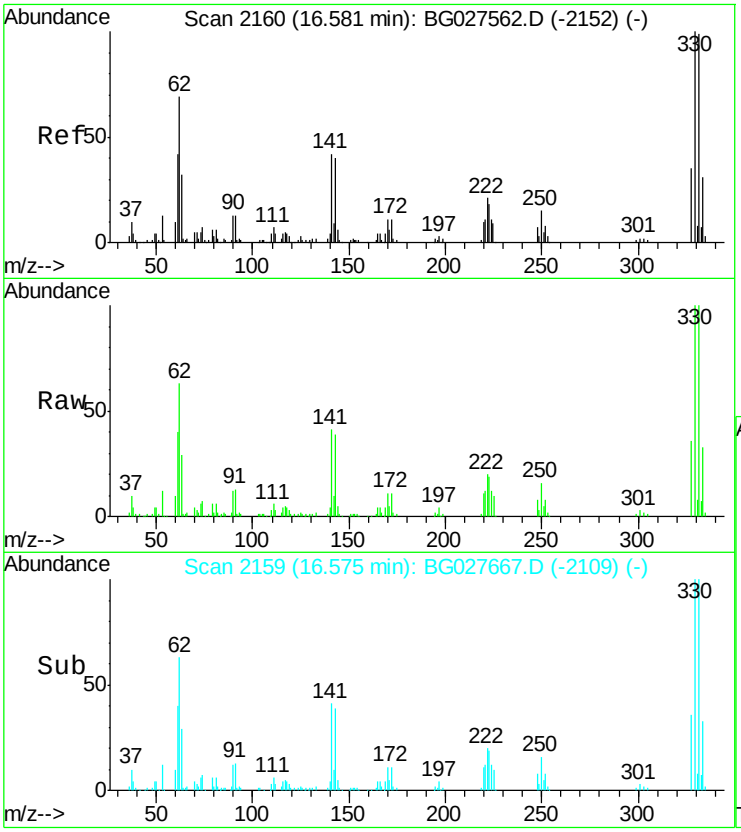


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion:164 Resp: 56790

Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.1	127.7
160	49.0	34.7	52.1



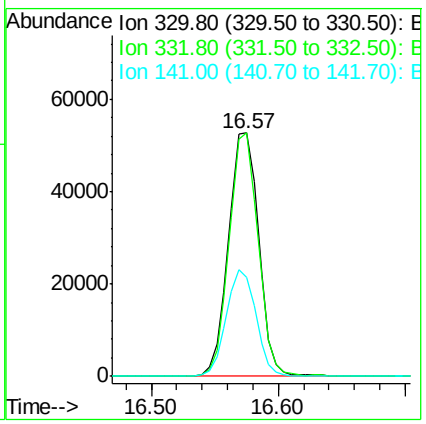


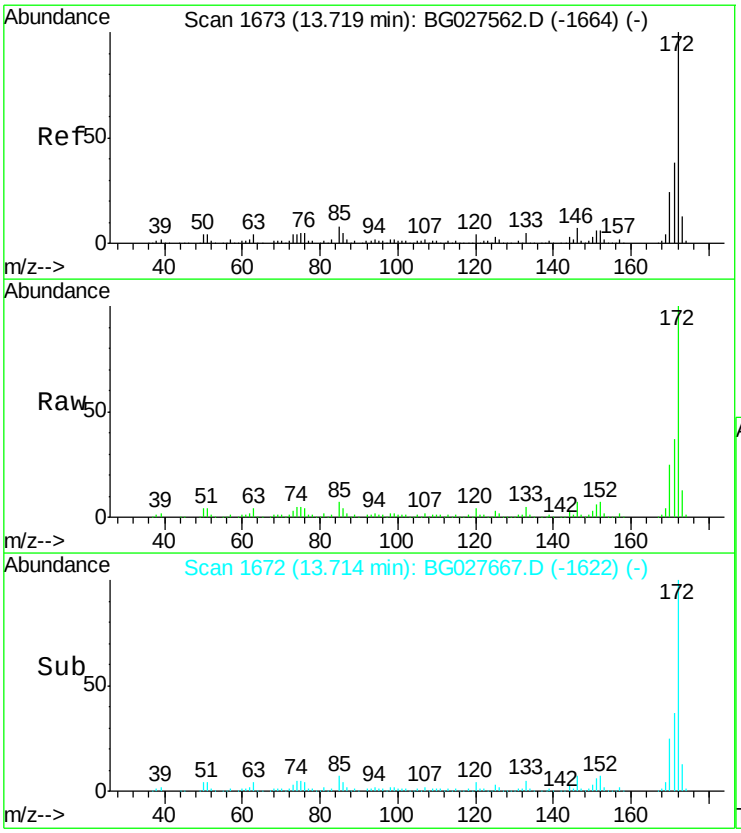
#41
2,4,6-Tribromophenol
Concen: 102.705 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

Tgt Ion:330 Resp: 86955

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	43.0	32.1	48.1

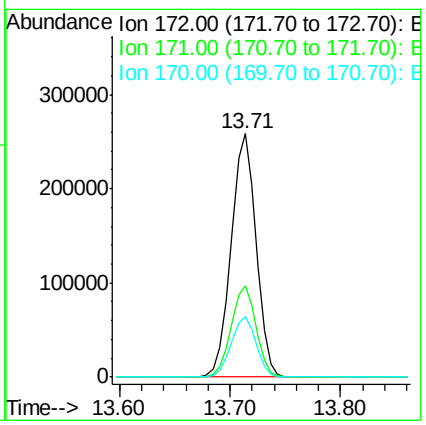


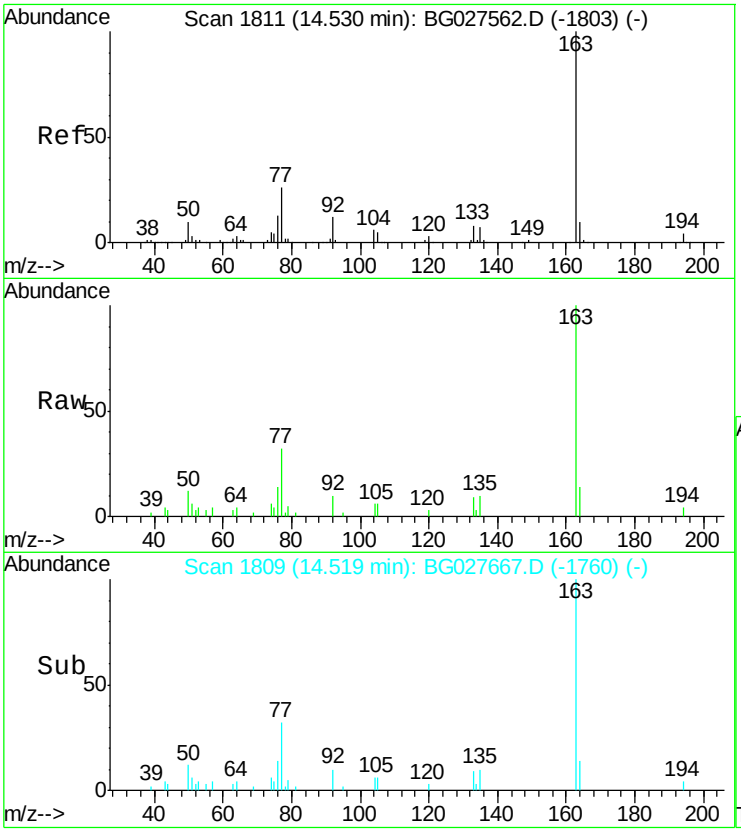


#44
2-Fluorobiphenyl
Concen: 98.798 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion:172 Resp: 410745

Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	25.1	21.8	32.6



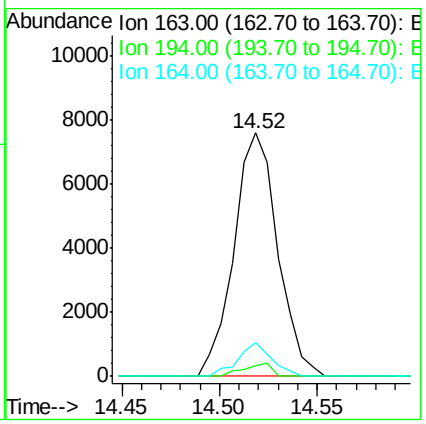


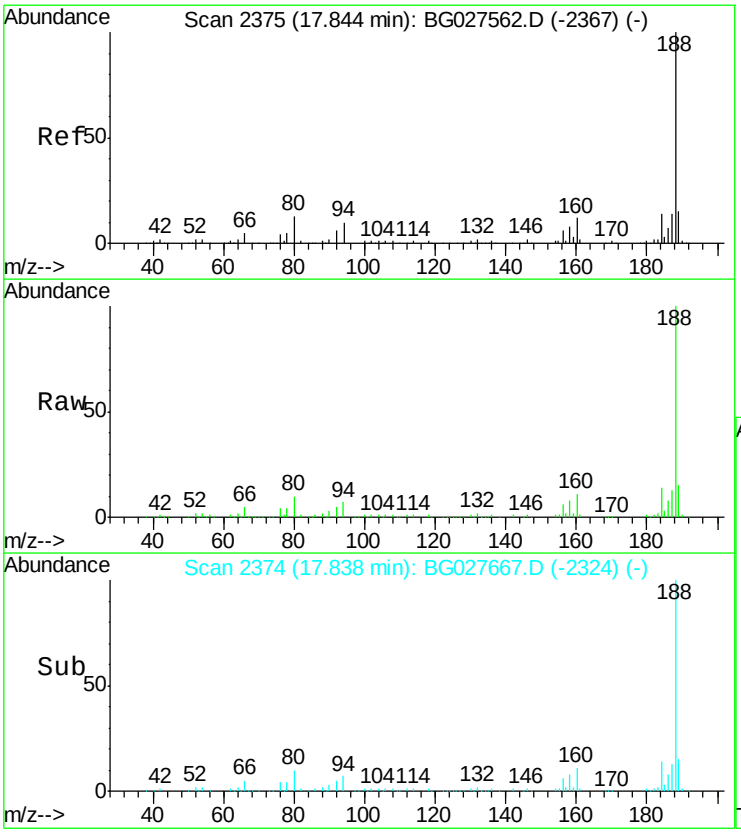
#49
Dimethylphthalate
Concen: 2.363 ng
RT: 14.52 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

Tgt Ion:163 Resp: 11751

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	14.0	9.3	13.9#

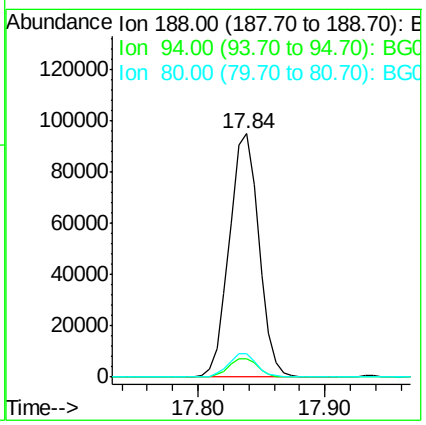


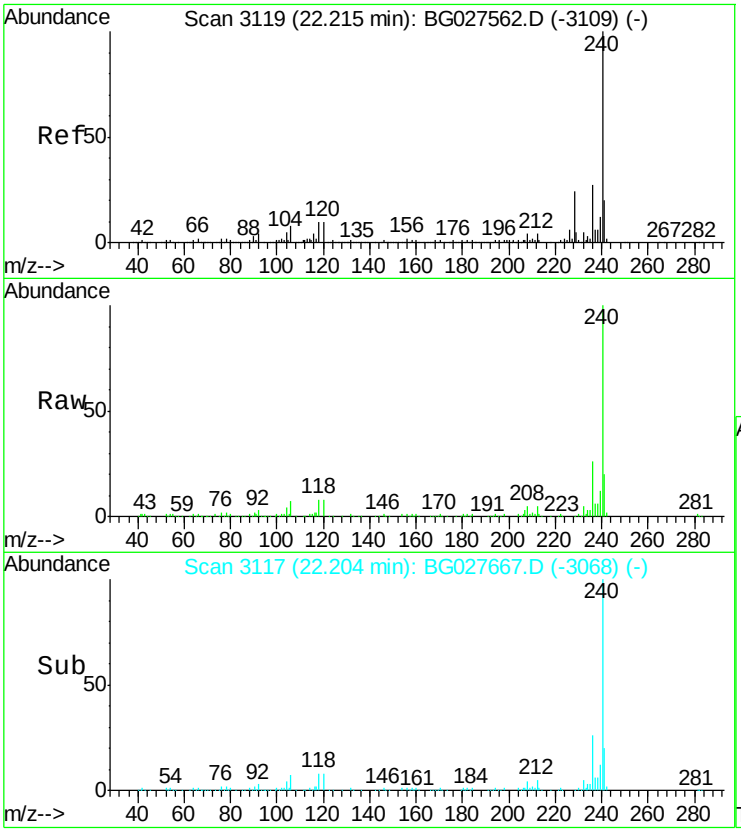


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion:188 Resp: 152792

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.8
80	9.5	7.5	11.3



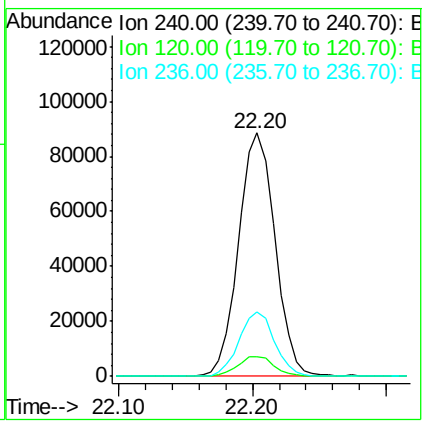


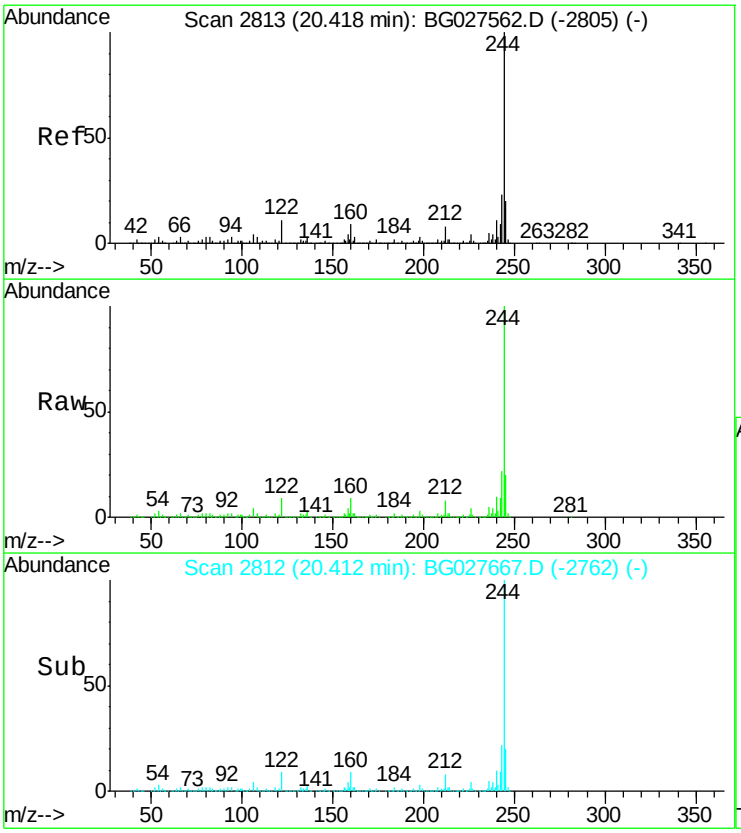
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

Tgt Ion:240 Resp: 166944

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.7	8.5
236	26.4	22.2	33.4

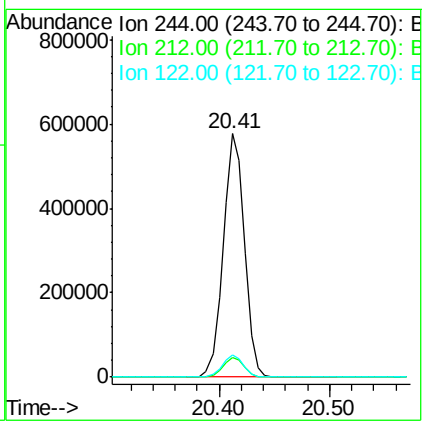


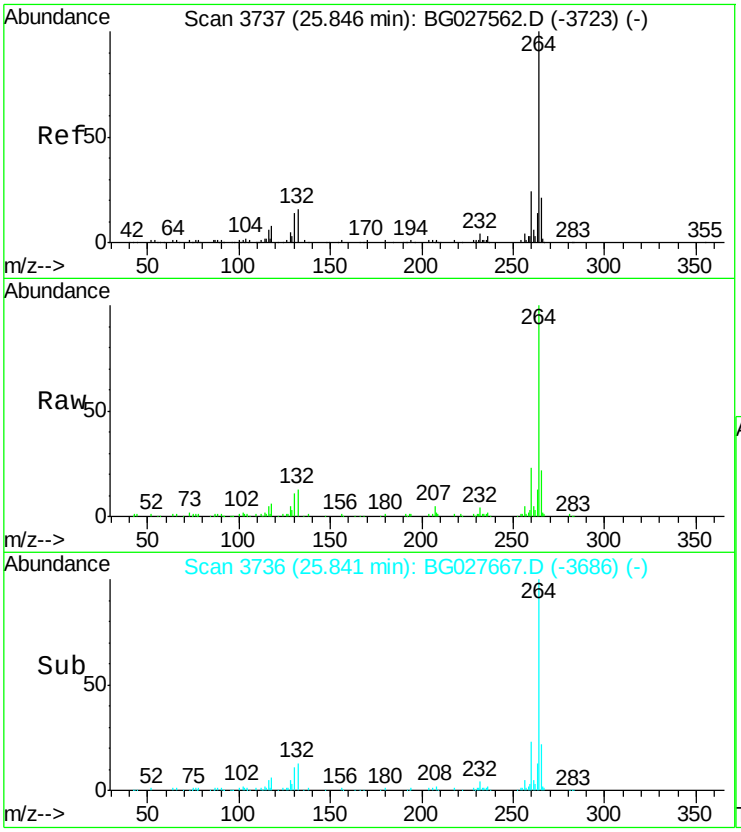


#78
Terphenyl-d14
Concen: 108.683 ng
RT: 20.41 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Tgt Ion:244 Resp: 770090

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	9.2	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027667.D
Acq: 24 Jun 2017 20:08

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-003

Tgt Ion:264 Resp: 157612

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	21.6	18.2	27.4