Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043268.D
Acq On : 17 Oct 2019 19:00
Operator : JU
Sample : K5407-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DEVELOPMENT-WATER

Quant Time: Oct 18 01:42:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60407	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	235680	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	168063	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	365467	20.00	ng		0.00
76) Chrysene-d12	21.68	240	394750	20.00	ng		0.00
87) Perylene-d12	24.91	264	469335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	228903	67.63	ng		-0.02
7) Phenol-d6	7.21	99	221708	45.48	ng		-0.02
23) Nitrobenzene-d5	9.20	82	305368	62.98	ng		-0.02
42) 2,4,6-Tribromophenol	16.16	330	312006	107.96	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	799993	69.01	ng		-0.02
79) Terphenyl-d14	20.02	244	1417284	76.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	16053	11.375	ng		93
10) Phenol	7.24	94	14688	3.284	ng		97
19) n-Nitroso-di-n-propylamine	9.20	70	41518	12.972	ng	#	71
32) Benzoic acid	10.34	122	53	2.823	ng	#	1
50) Dimethylphthalate	14.11	163	78715	6.251	ng		98
51) 2,6-Dinitrotoluene	14.20	165	5689	2.121	ng	#	19
57) 2,4-Dinitrotoluene	14.67	165	22680	5.775	ng	#	24
67) 4-Bromophenyl-phenylether	16.15	248	20384	4.444	ng	#	1
77) Benzidine	20.02	184	20702	2.094	ng	#	91

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

Quantitation Report (Not Reviewed)

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ALS Vial : 6 Sample Multiplier: 1

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BNA_G
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DEVELOPMENT-WATER

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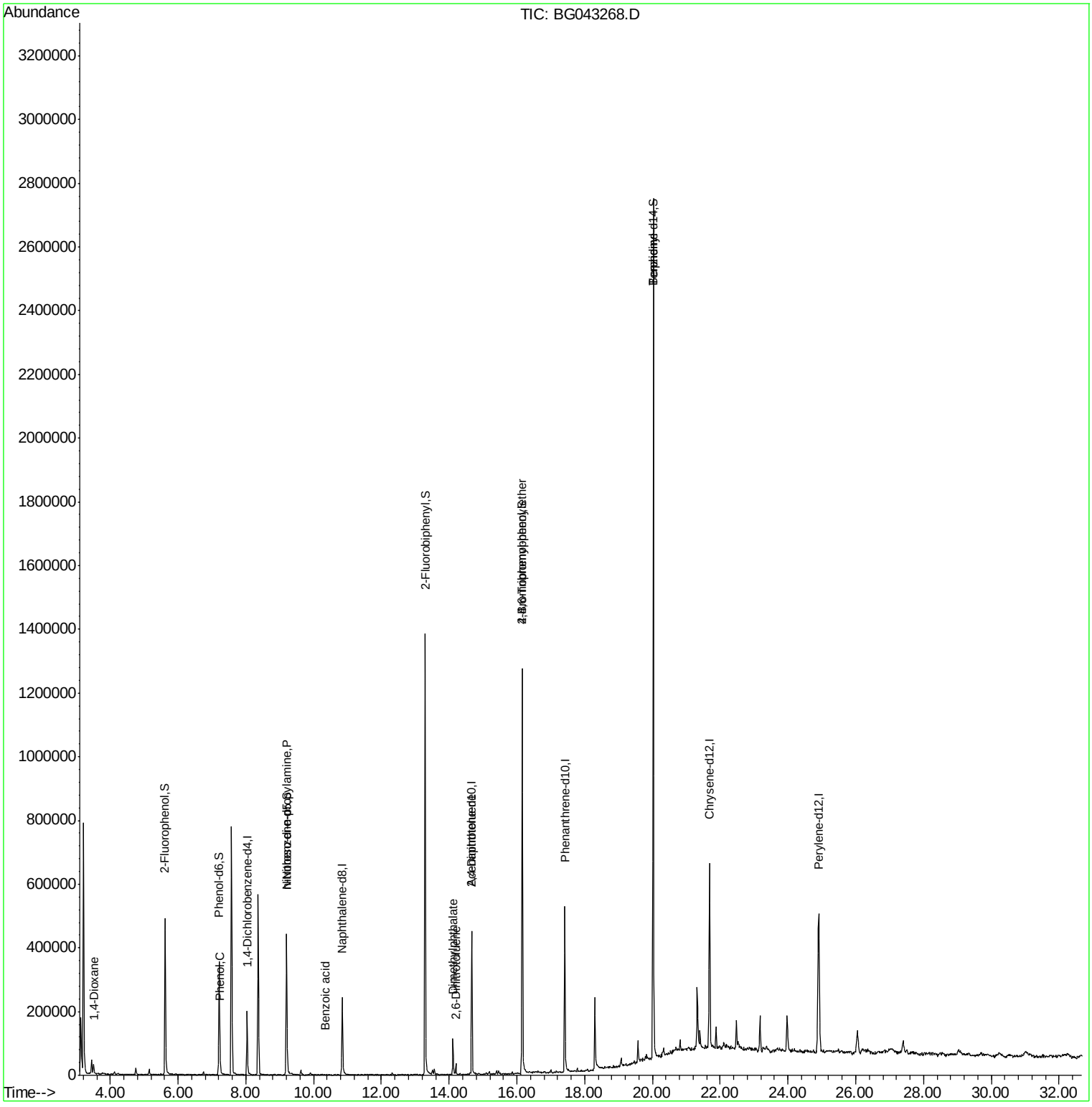
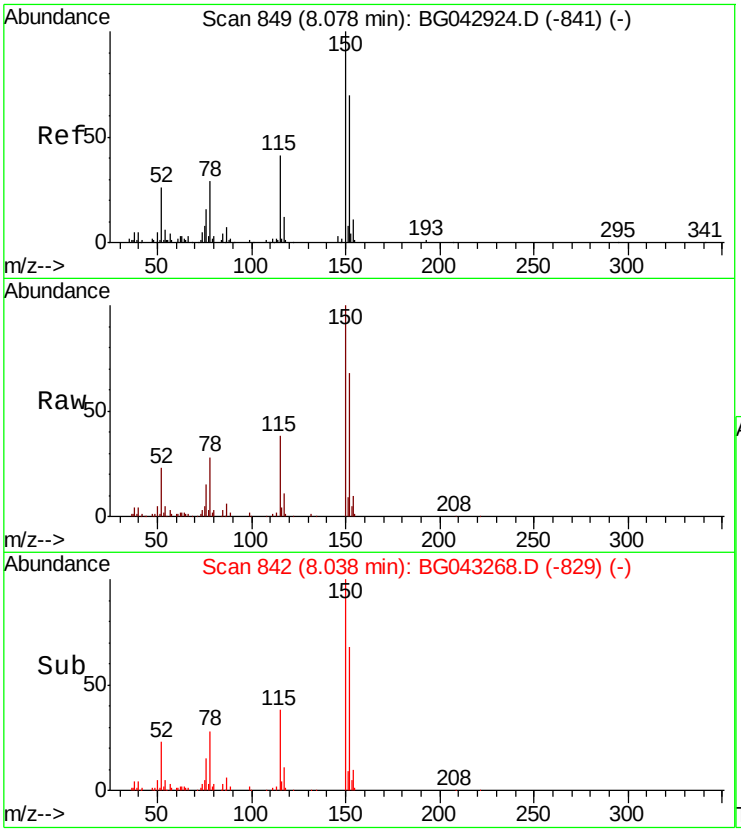


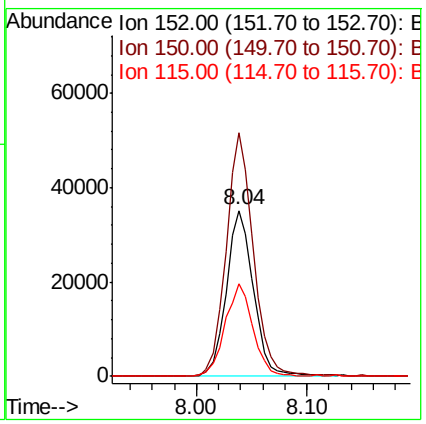


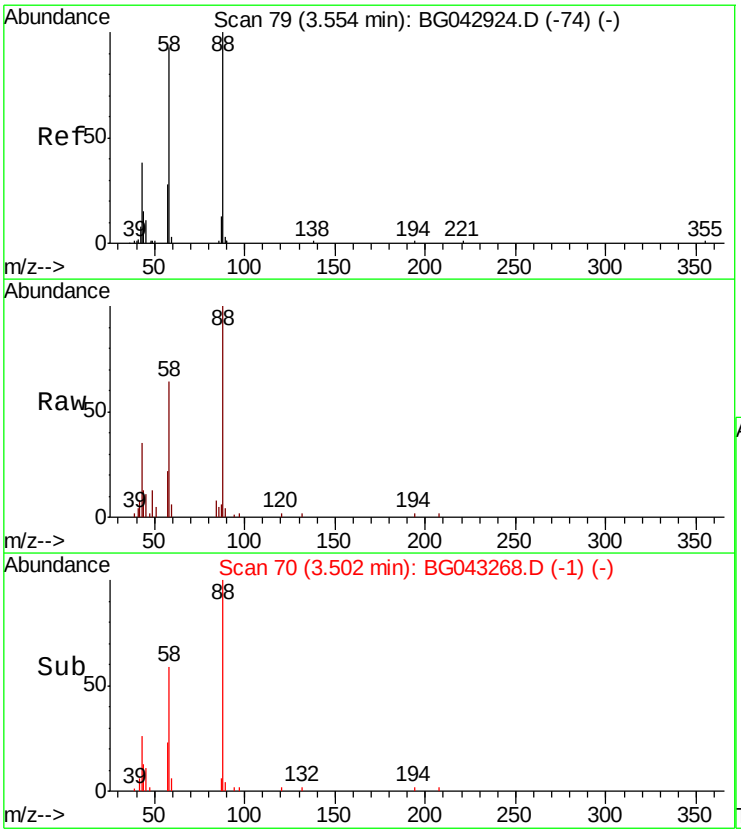
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:152 Resp: 60407

Ion	Ratio	Lower	Upper
152	100		
150	146.8	115.0	172.4
115	56.1	47.0	70.6

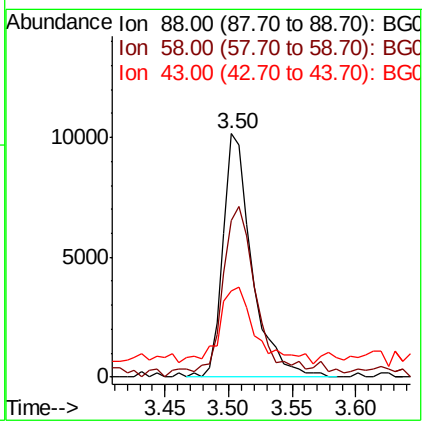


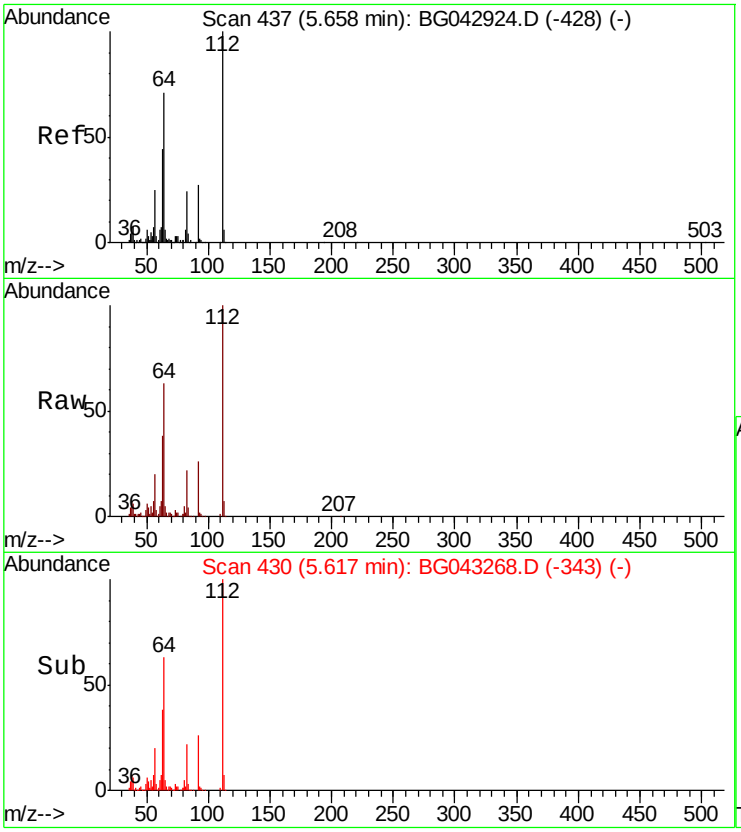


#2
1,4-Dioxane
Concen: 11.375 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion: 88 Resp: 16053

Ion	Ratio	Lower	Upper
88	100		
58	83.6	74.3	111.5
43	38.4	29.8	44.8



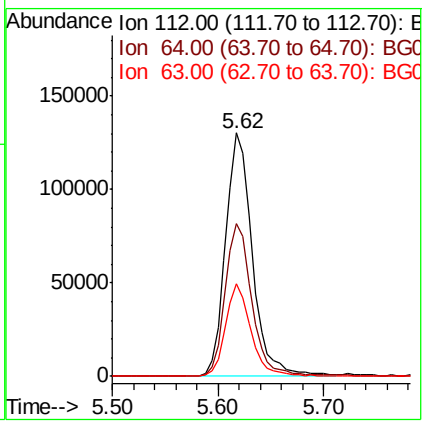


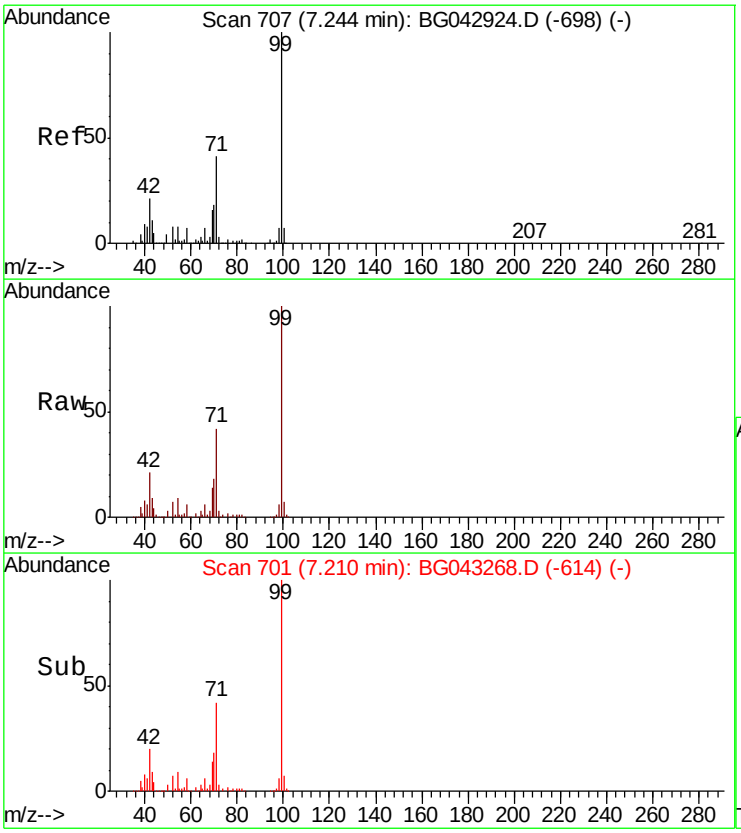
#5
2-Fluorophenol
Concen: 67.625 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:112 Resp: 228903

Ion	Ratio	Lower	Upper
112	100		
64	62.6	56.6	84.8
63	38.0	35.1	52.7

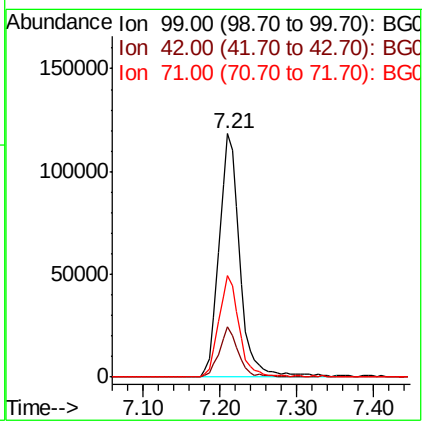


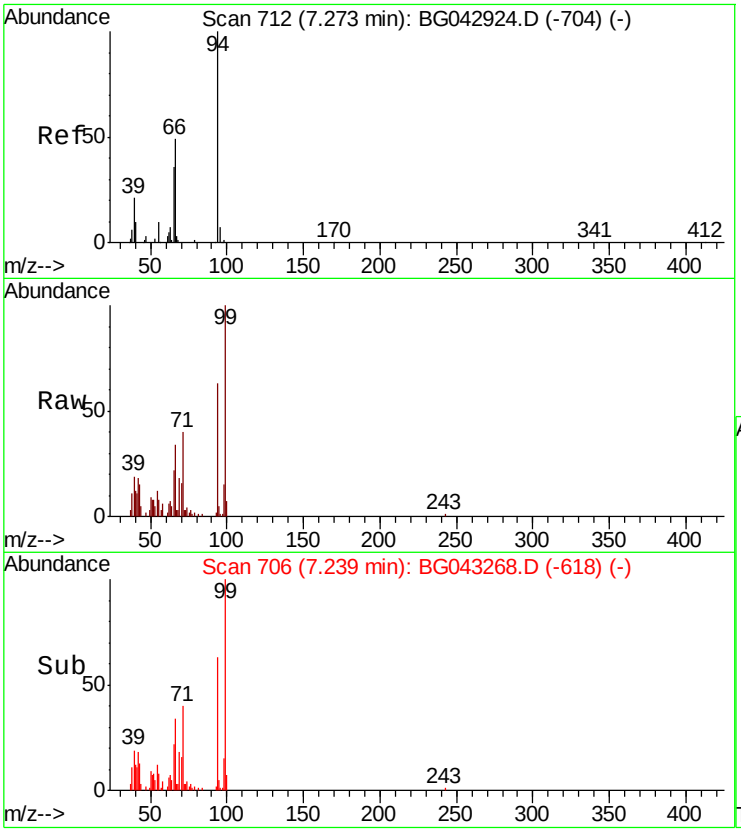


#7
Phenol-d6
Concen: 45.484 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion: 99 Resp: 221708

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.2	25.8
71	41.6	33.1	49.7



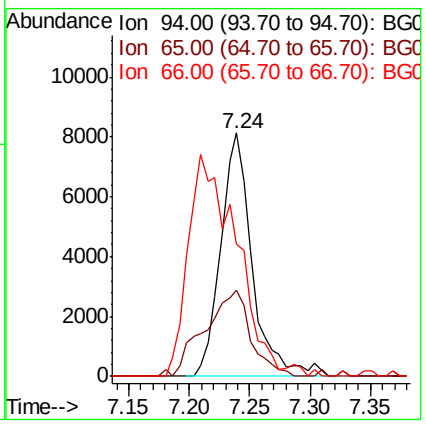


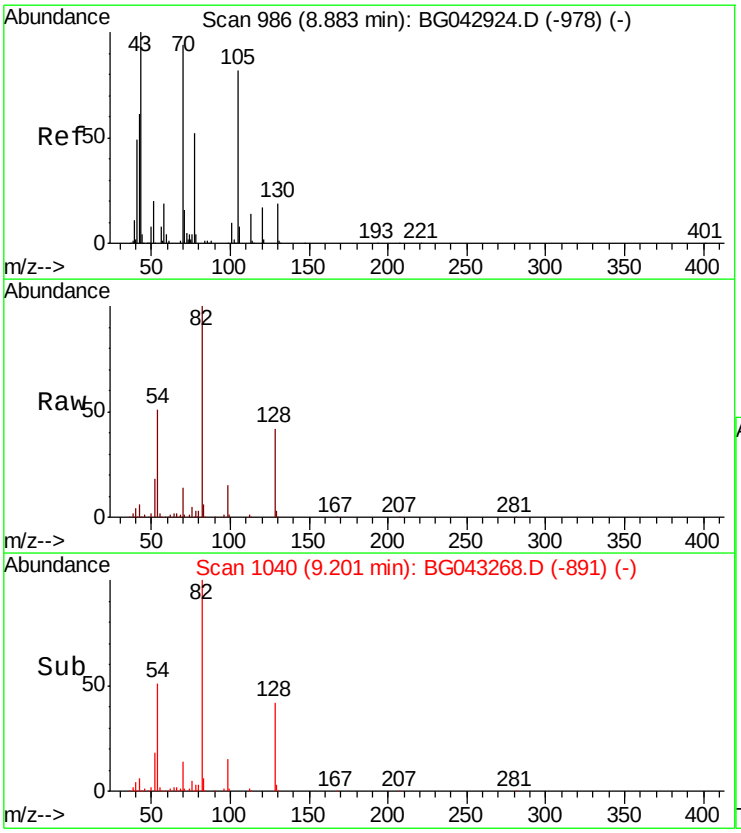
#10
Phenol
Concen: 3.284 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion: 94 Resp: 14688

Ion	Ratio	Lower	Upper
94	100		
65	35.4	16.6	56.6
66	54.4	32.4	72.4

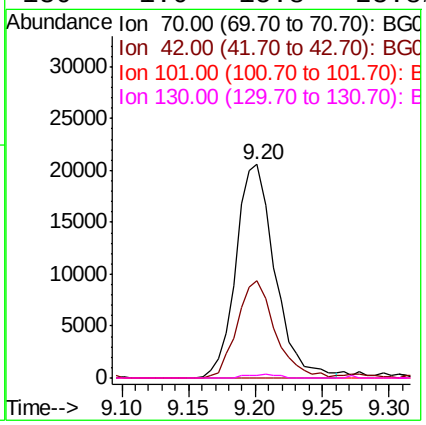


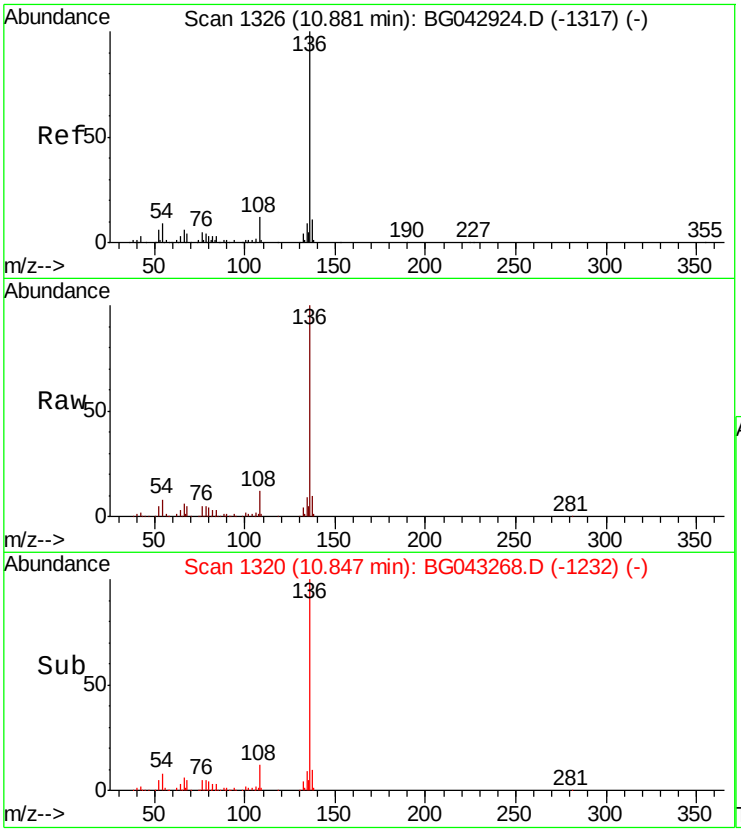


#19
n-Nitroso-di-n-propylamine
Concen: 12.972 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion: 70 Resp: 41518

Ion	Ratio	Lower	Upper
70	100		
42	45.6	52.6	79.0#
101	0.0	8.7	13.1#
130	1.0	15.8	23.8#



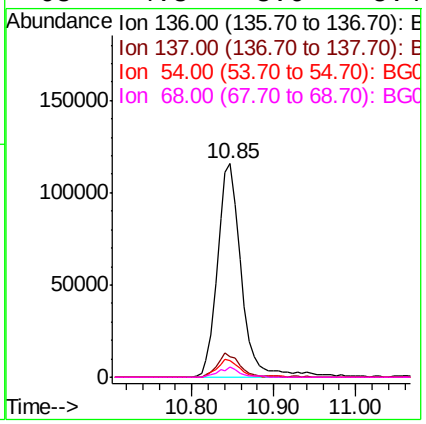


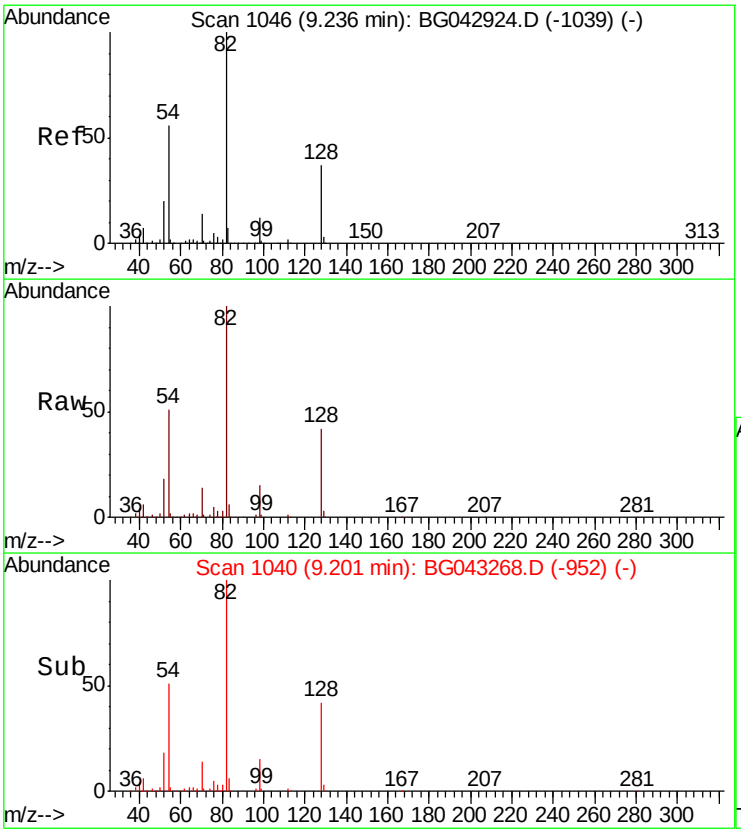
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:136 Resp: 235680

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.5	12.7
54	7.5	7.4	11.2
68	4.8	3.6	5.4

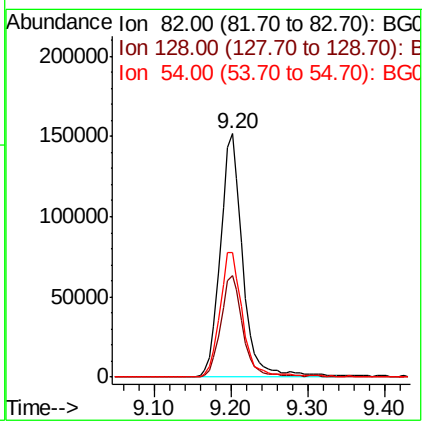


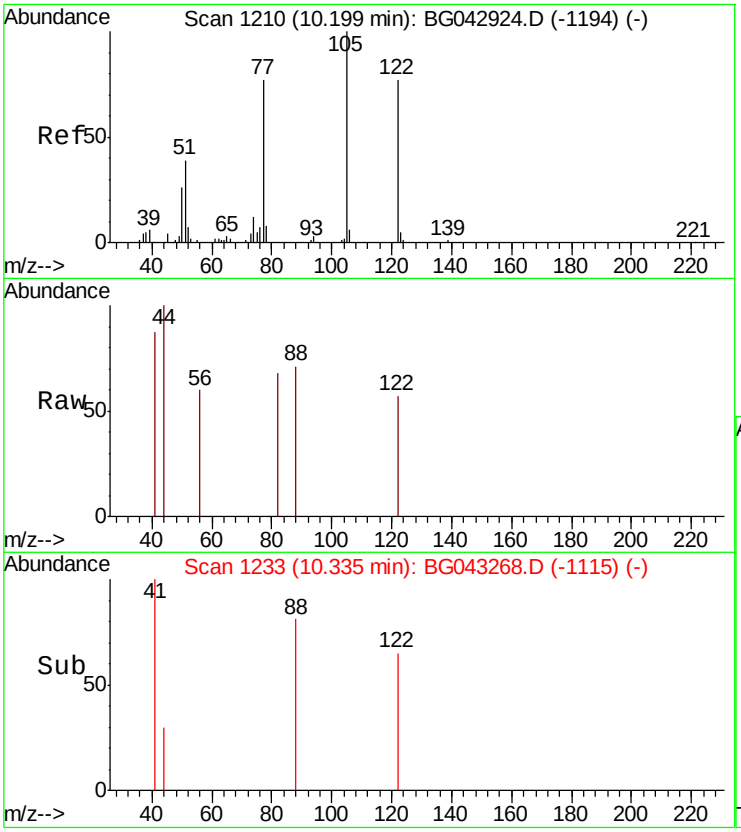


#23
Nitrobenzene-d5
Concen: 62.977 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion: 82 Resp: 305368

Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.5	44.3
54	51.3	44.6	67.0



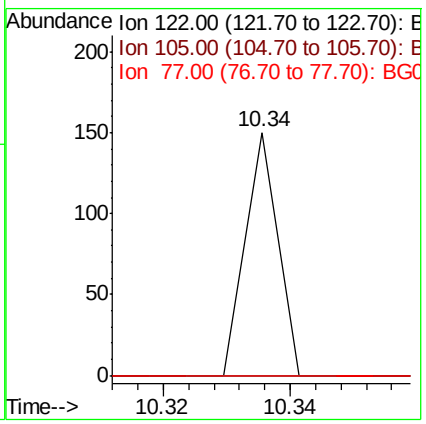


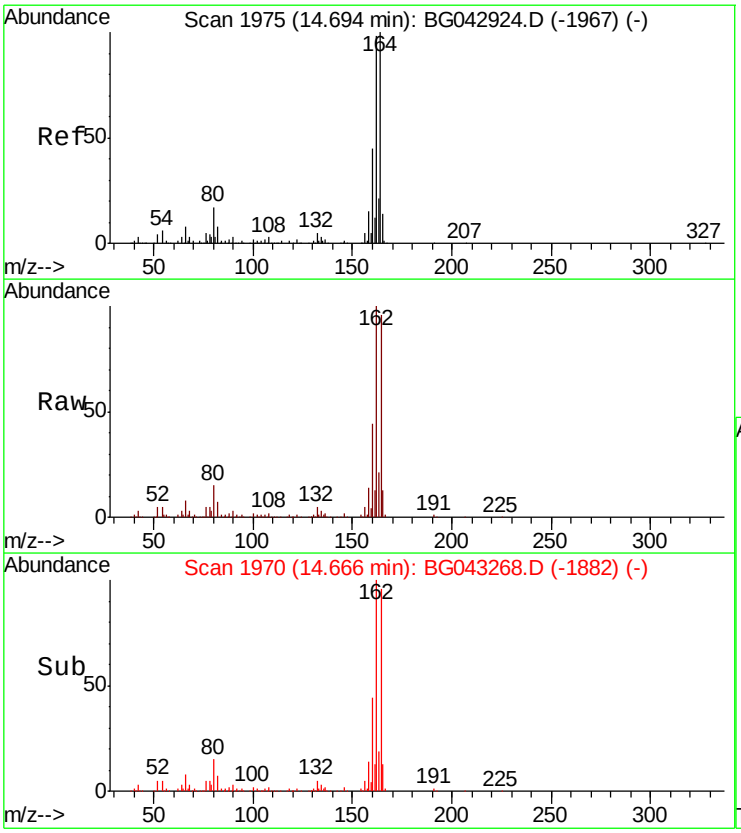
#32
Benzoic acid
Concen: 2.823 ng
RT: 10.34 min Scan# 1233
Delta R.T. 0.16 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

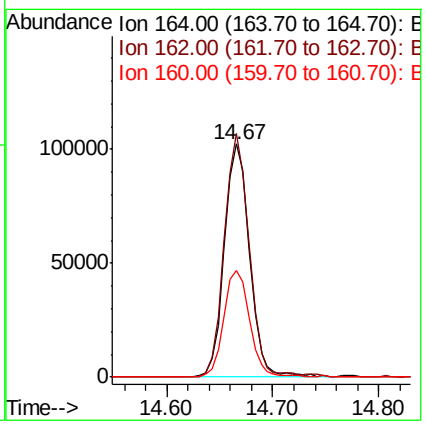


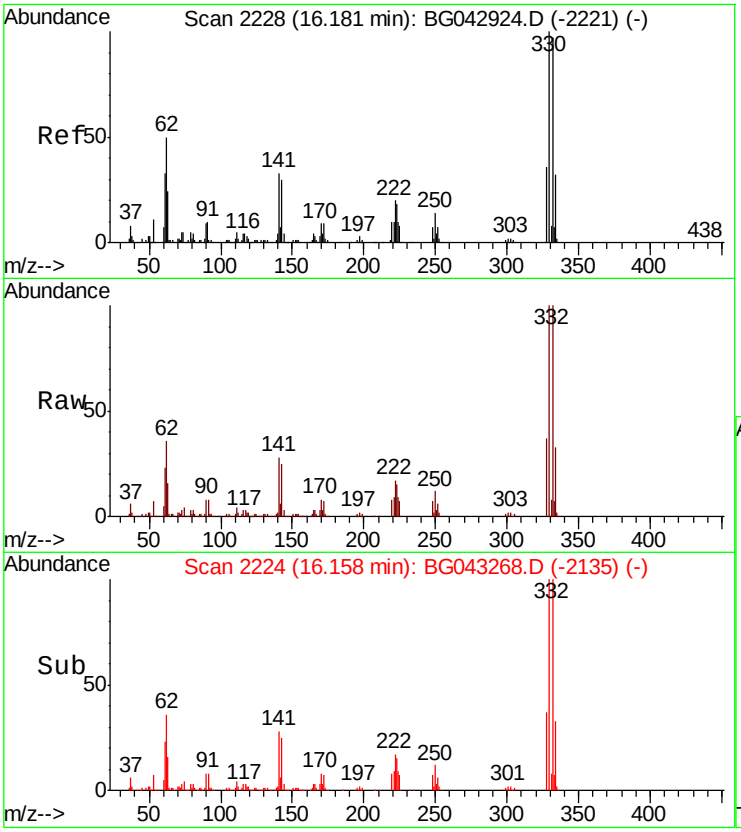


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion:164 Resp: 168063

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.5	117.7
160	46.1	35.9	53.9



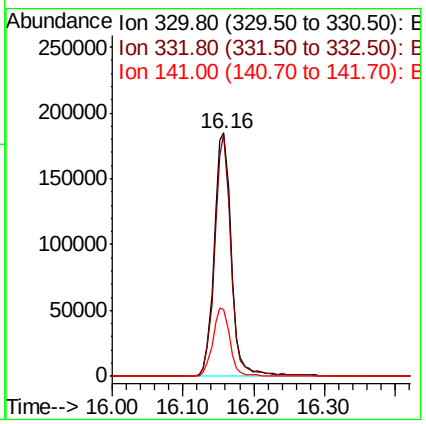


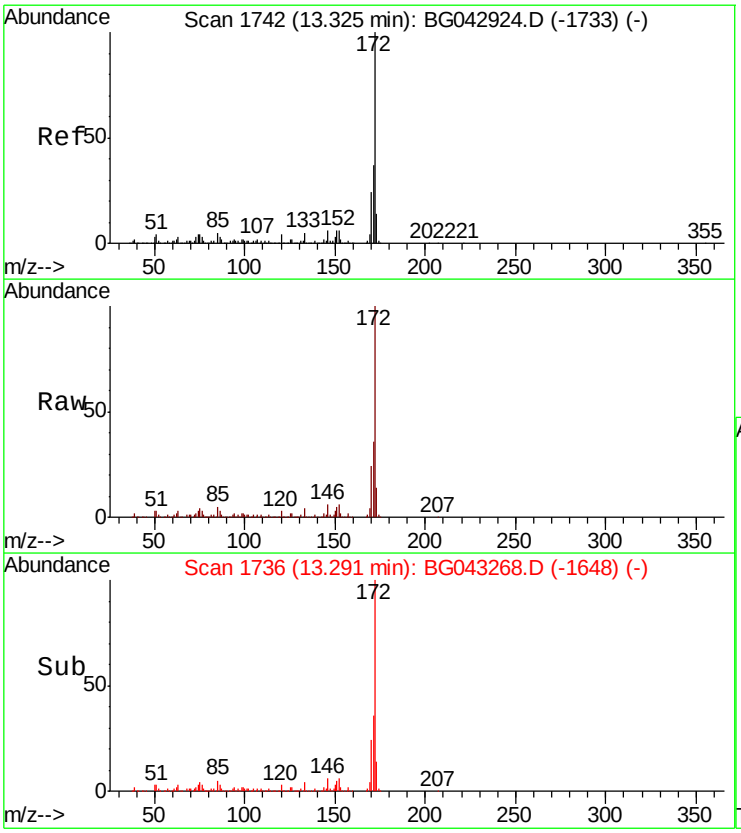
#42
2,4,6-Tribromophenol
Concen: 107.962 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:330 Resp: 312006

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.2	117.2
141	28.1	26.0	39.0

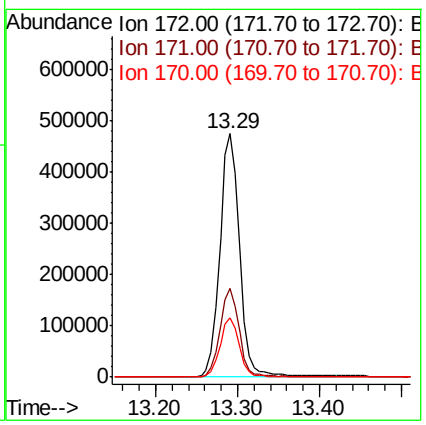


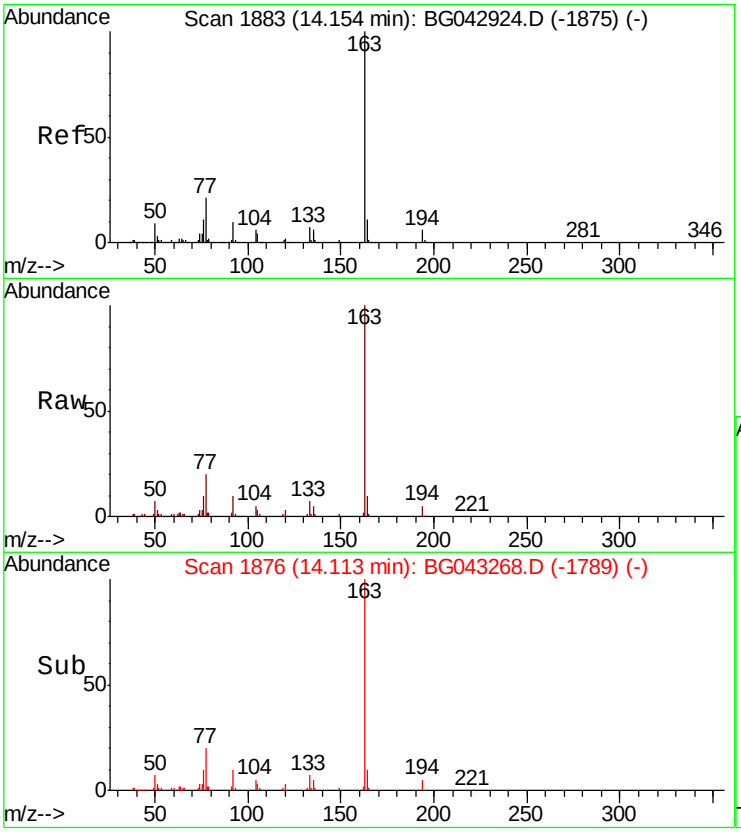


#45
2-Fluorobiphenyl
Concen: 69.007 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion:172 Resp: 799993

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.6	29.4



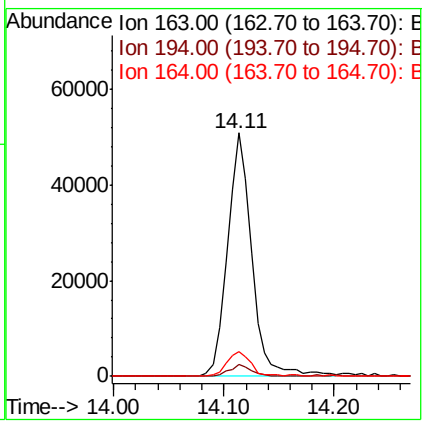


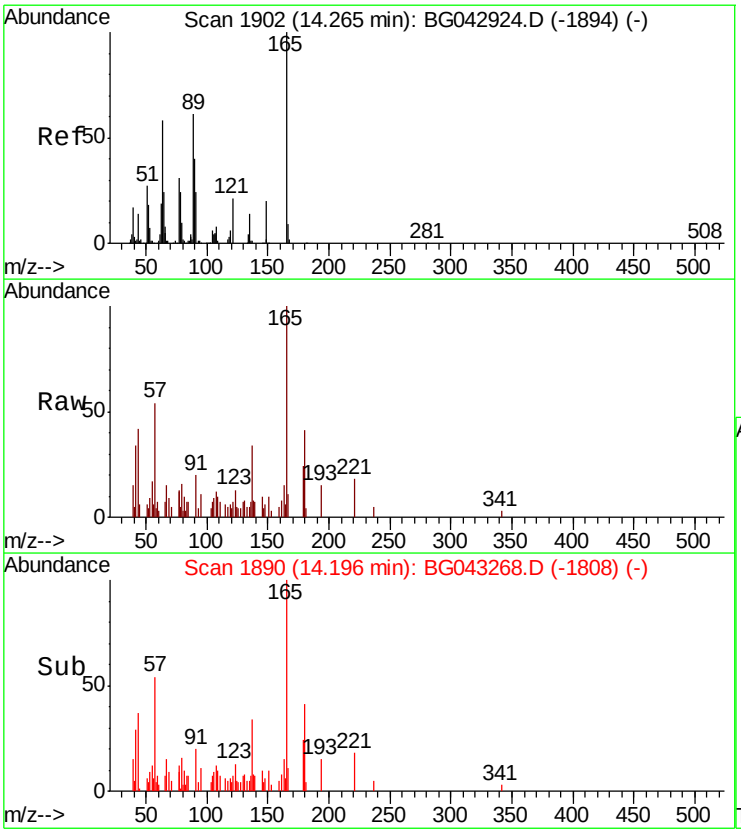
#50
Dimethylphthalate
Concen: 6.251 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:163 Resp: 78715

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.4	6.6
164	10.0	8.6	12.8

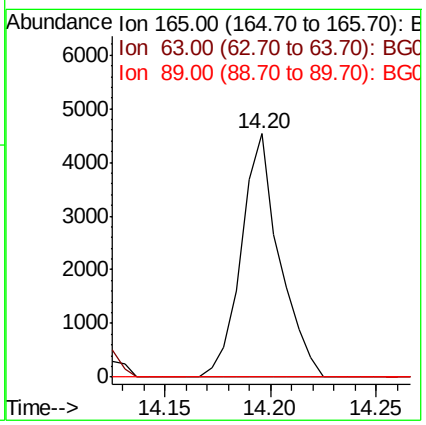


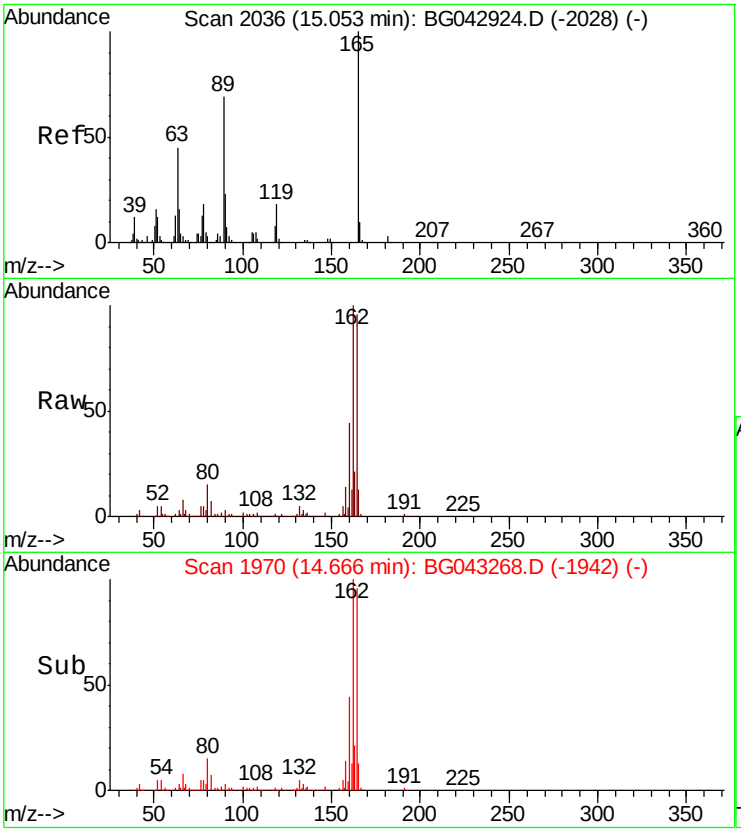


#51
2,6-Dinitrotoluene
Concen: 2.121 ng
RT: 14.20 min Scan# 1890
Delta R.T. -0.05 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion:165 Resp: 5689

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	0.0	48.9	73.3#



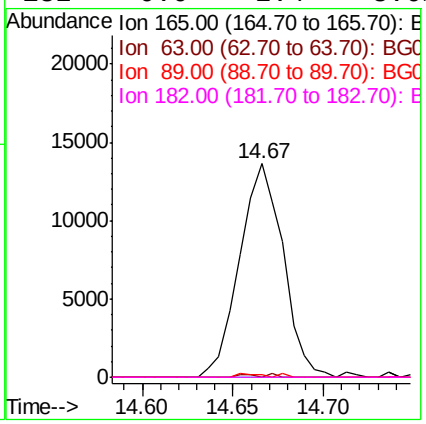


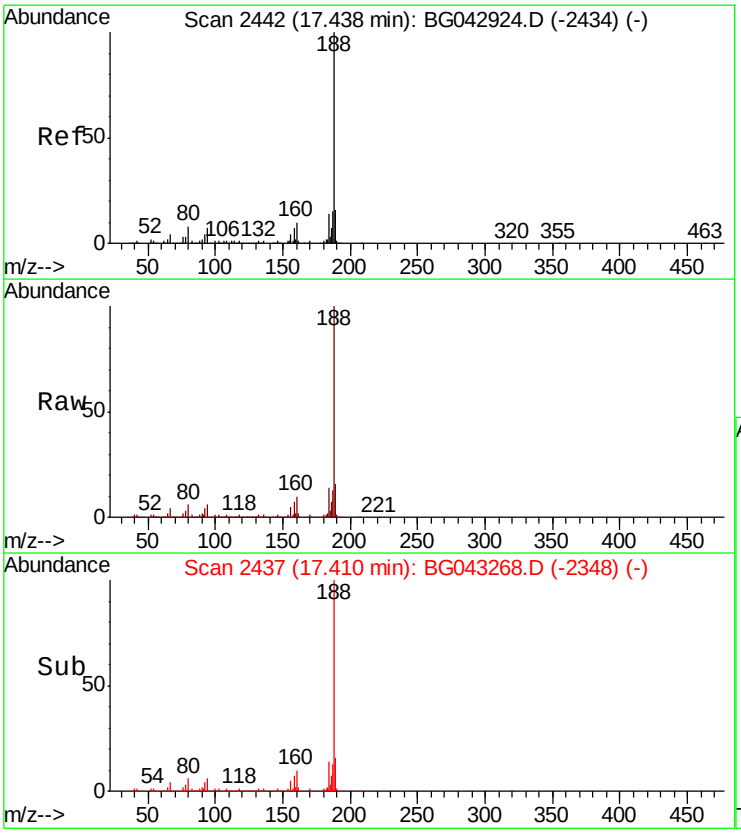
#57
2,4-Dinitrotoluene
Concen: 5.775 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:165 Resp: 22680

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.4	55.5	83.3#
182	0.0	2.4	3.6#

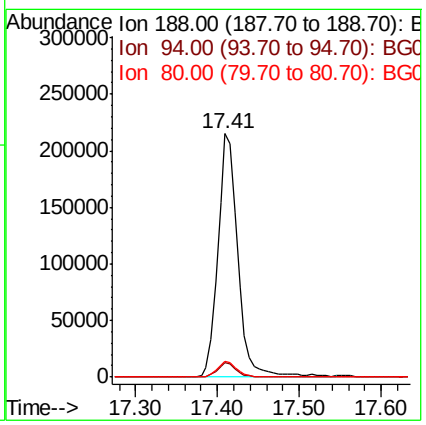


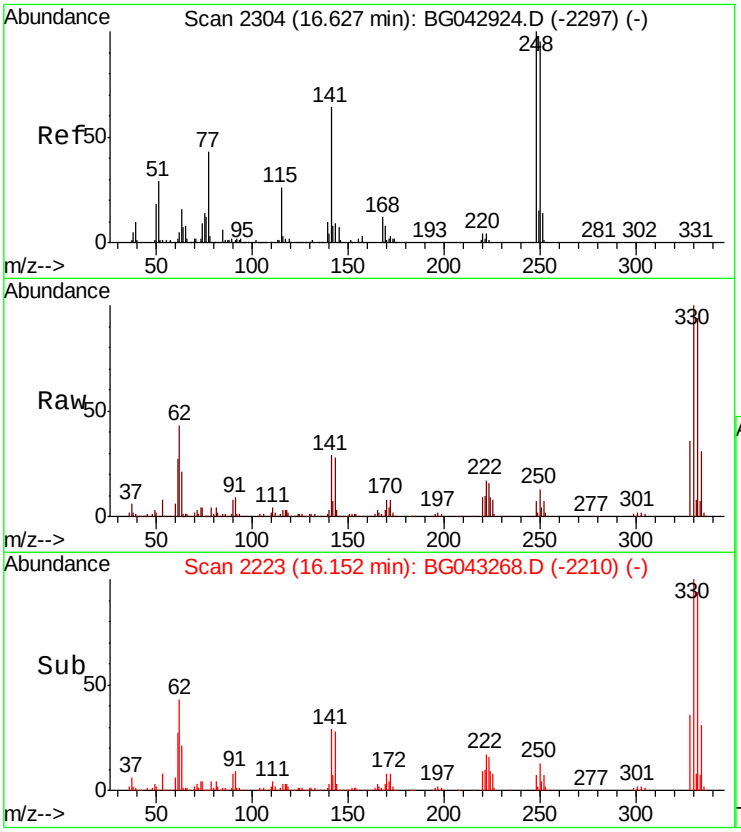


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion:188 Resp: 365467

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	6.4	6.5	9.7#



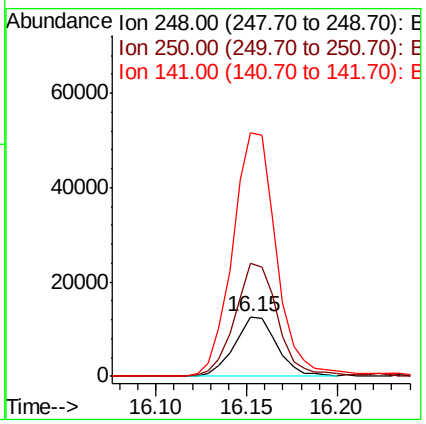


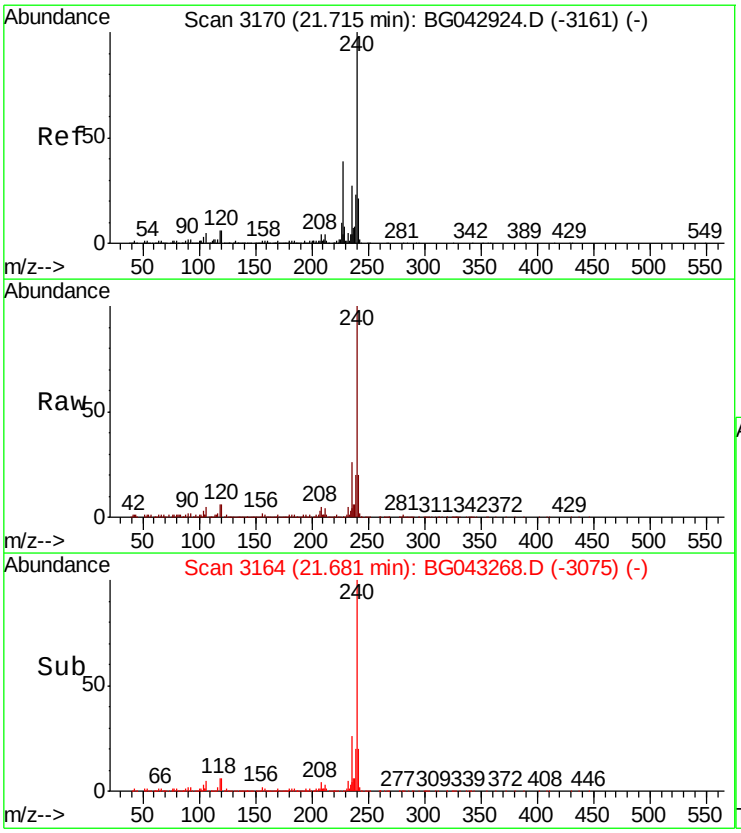
#67
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.46 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:248 Resp: 20384

Ion	Ratio	Lower	Upper
248	100		
250	189.5	75.8	113.8#
141	408.2	51.1	76.7#

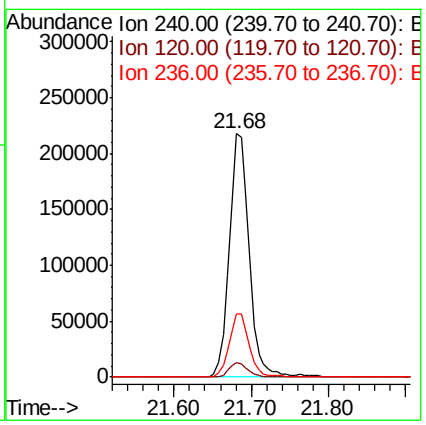


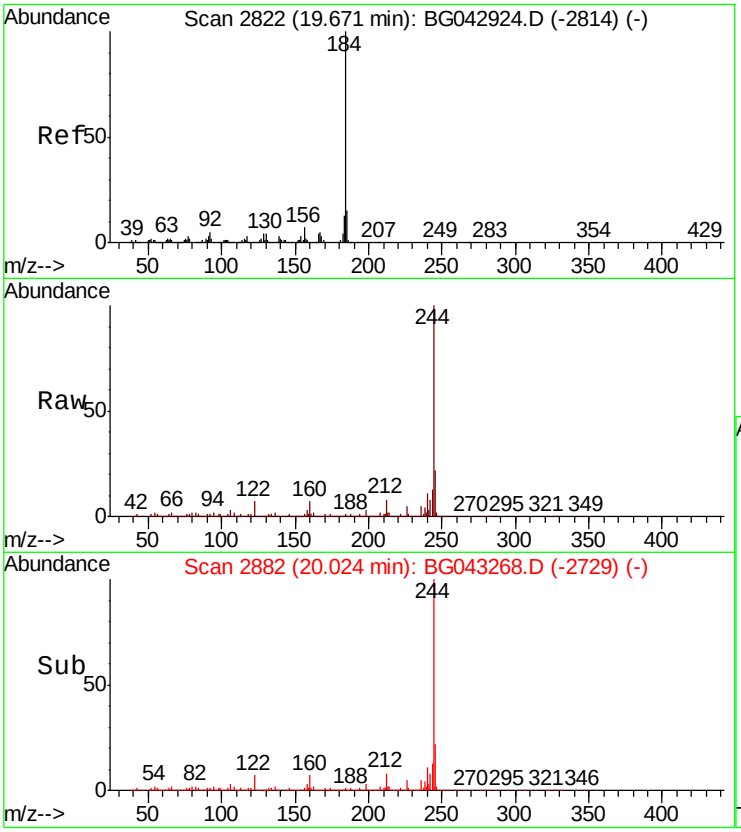


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion:240 Resp: 394750

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	25.9	21.4	32.0



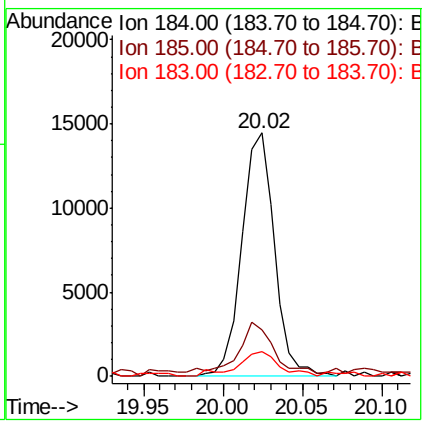


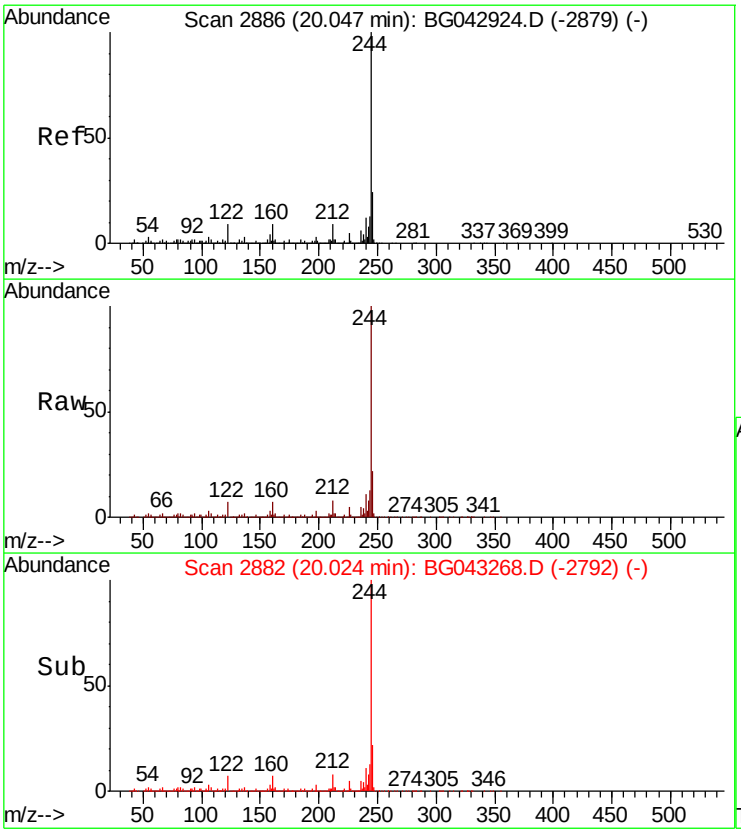
#77
Benzidine
Concen: 2.094 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.37 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:184 Resp: 20702

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.8	17.8#
183	10.1	10.1	15.1

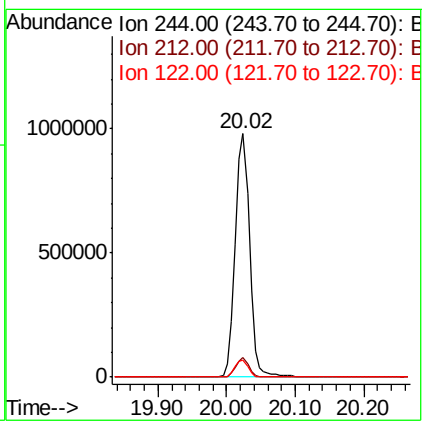


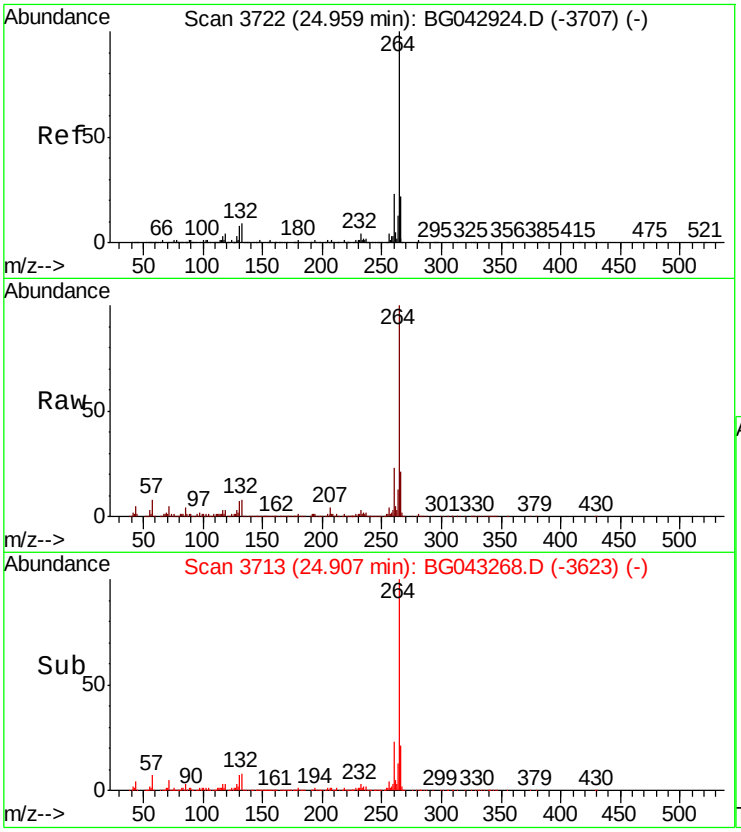


#79
Terphenyl-d14
Concen: 76.506 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Tgt Ion:244 Resp: 1417284

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3713
Delta R.T. -0.00 min
Lab File: BG043268.D
Acq: 17 Oct 2019 19:00

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Tgt Ion:264 Resp: 469335

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.9	17.7	26.5