Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

Quant Time: Dec 13 23:16:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22425	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	94151	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61436	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	153919	20.00	ng		0.00
76) Chrysene-d12	21.72	240	156037	20.00	ng		0.00
87) Perylene-d12	25.02	264	169694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	101253	80.08	ng		0.00
7) Phenol-d6	7.21	99	89956	51.83	ng		0.00
23) Nitrobenzene-d5	9.23	82	204850	111.15	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	151202	178.58	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	459697	102.65	ng		0.00
79) Terphenyl-d14	20.04	244	857640	119.62	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	31168	16.902	ng		98
17) 2-Methylphenol	8.49	107	12717	10.293	ng		99
19) n-Nitroso-di-n-propylamine	9.23	70	27522	22.576	ng	#	65
20) 3+4-Methylphenols	8.83	107	45633	26.745	ng		98
27) 2,4-Dimethylphenol	10.04	122	4914	3.593	ng	#	84
32) Benzoic acid	10.31	122	2620	12.542	ng	#	27
48) 2-Nitroaniline	13.52	65	5988	4.725	ng	#	18
50) Dimethylphthalate	14.14	163	28632	5.707	ng	#	97
57) 2,4-Dinitrotoluene	14.69	165	8099	5.058	ng	#	21
60) Diethylphthalate	15.49	149	34359	6.238	ng		98
67) 4-Bromophenyl-phenylether	16.18	248	10032	5.337	ng	#	1

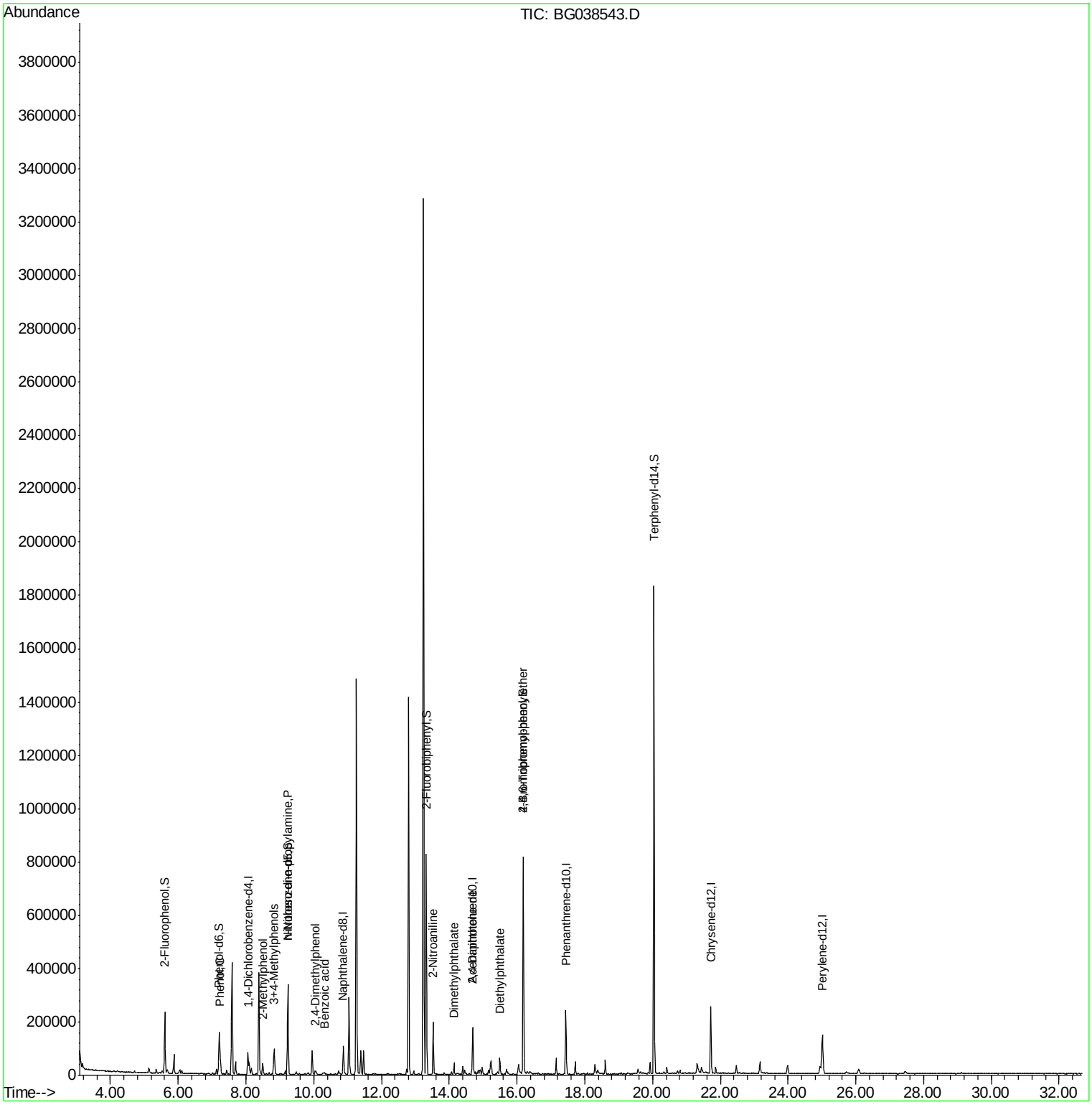
(#) = qualifier out of range (m) = manual integration (+) = signals summed

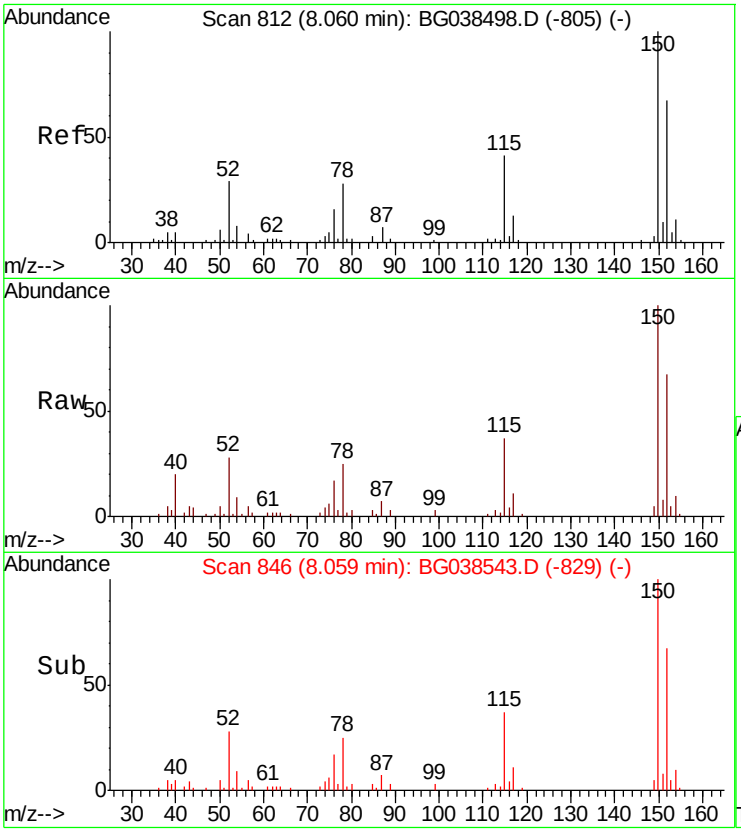
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Quant Time: Dec 13 23:16:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



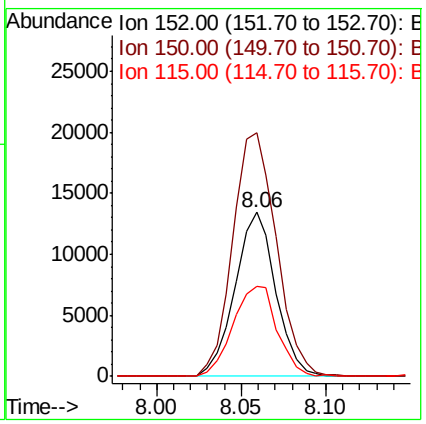


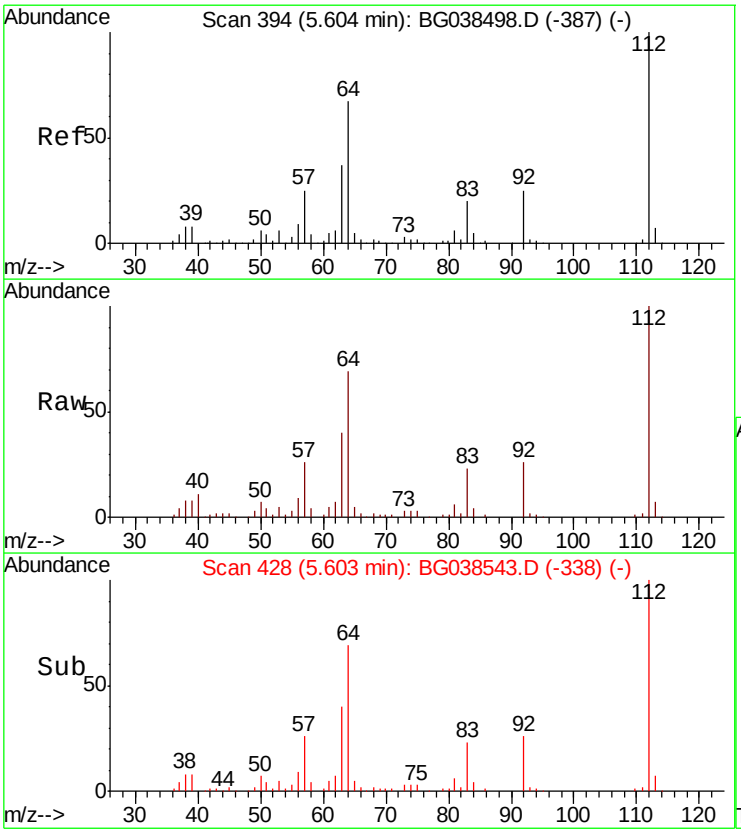
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:152 Resp: 22425

Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	55.1	49.6	74.4

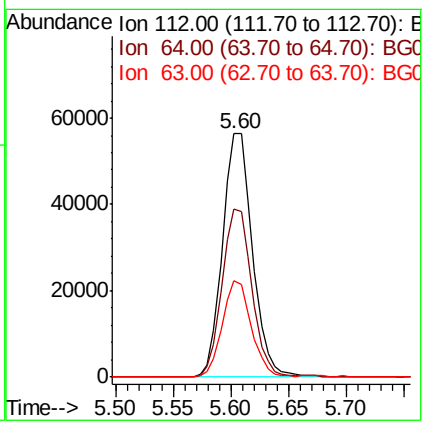


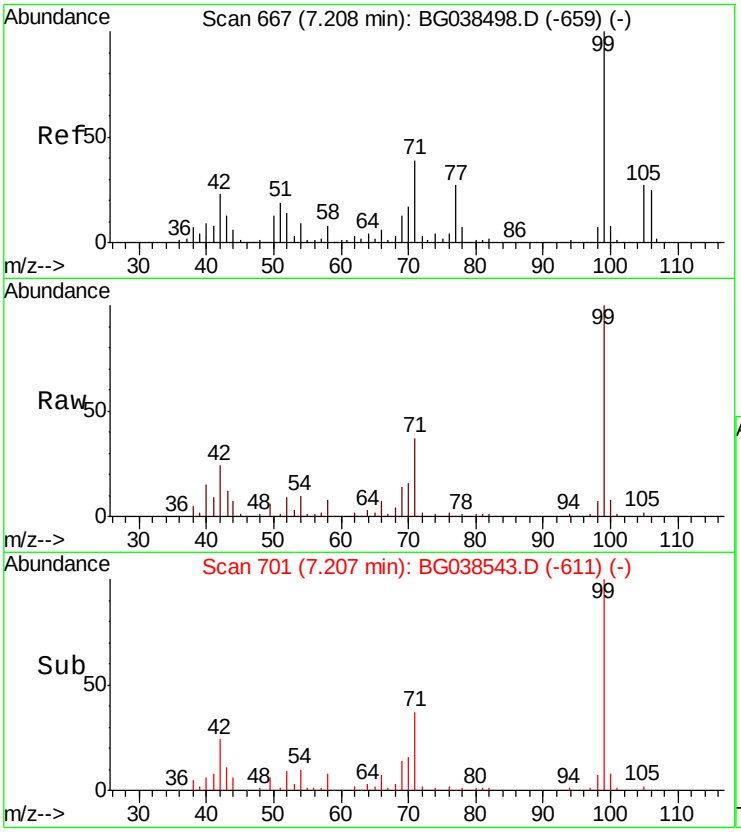


#5
2-Fluorophenol
Concen: 80.084 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:112 Resp: 101253

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.4	80.2
63	39.8	29.3	43.9



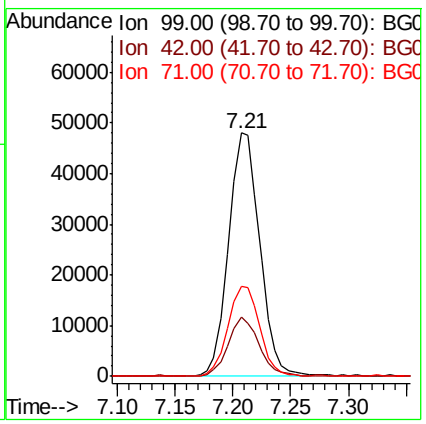


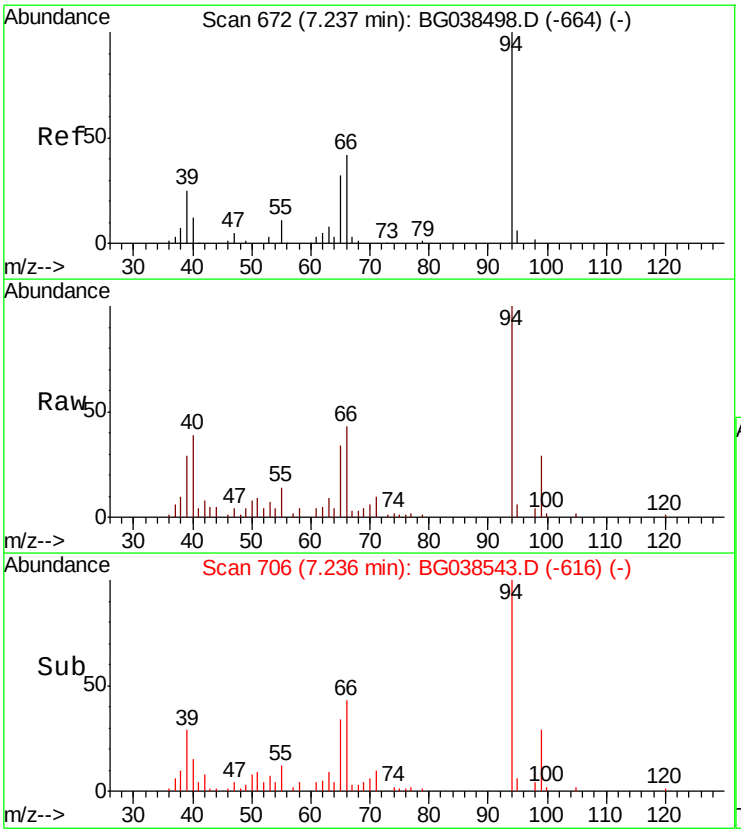
#7
Phenol-d6
Concen: 51.827 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion: 99 Resp: 89956

Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.5	27.7
71	37.1	31.1	46.7

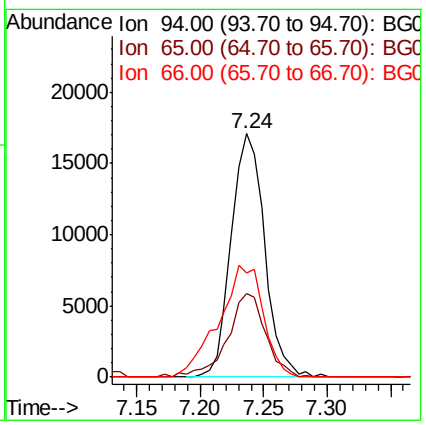


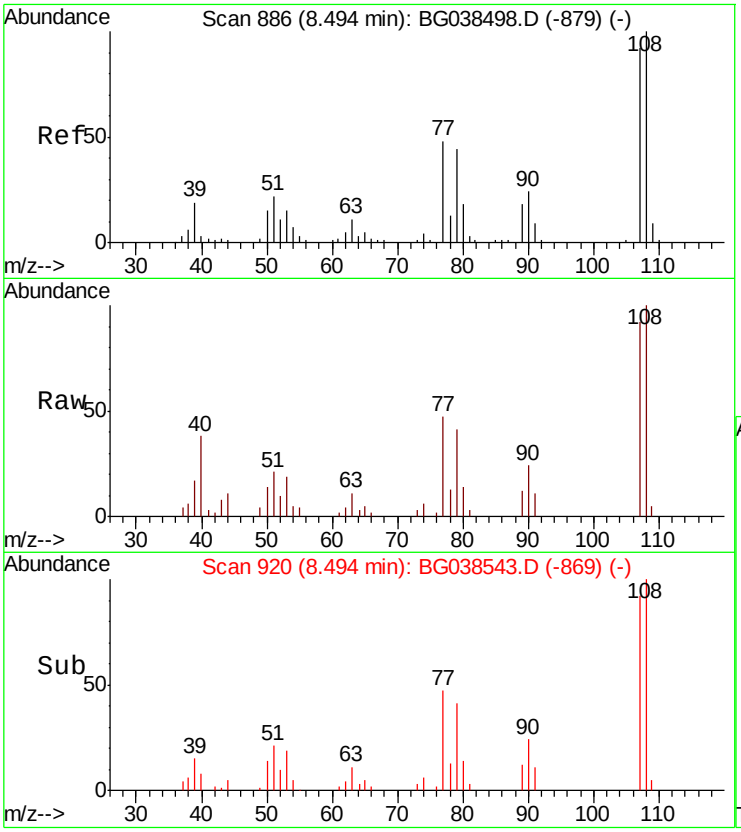


#10
Phenol
Concen: 16.902 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion: 94 Resp: 31168

Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.6	52.6
66	42.9	24.1	64.1



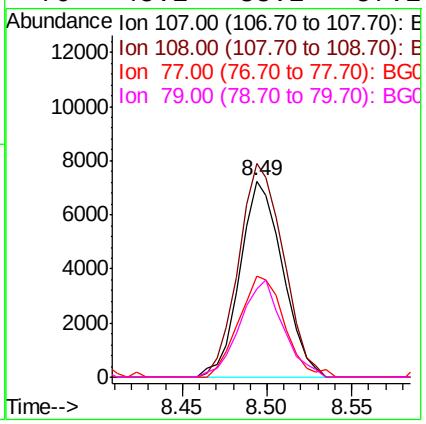


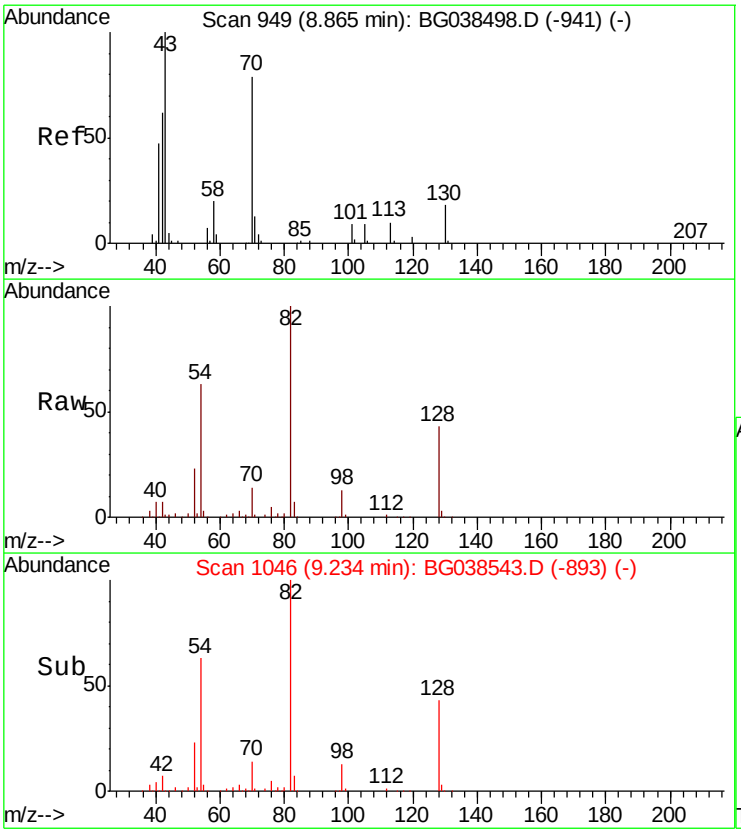
#17
2-Methylphenol
Concen: 10.293 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:107 Resp: 12717

Ion	Ratio	Lower	Upper
107	100		
108	109.0	87.1	130.7
77	51.7	42.0	63.0
79	45.2	38.2	57.2

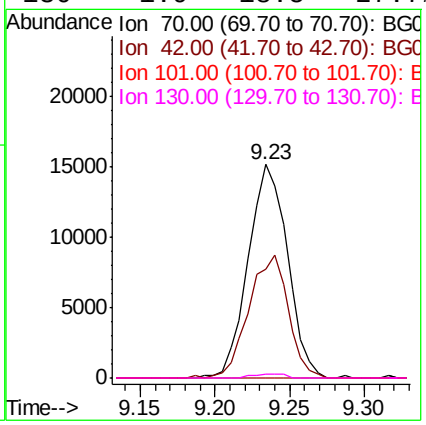


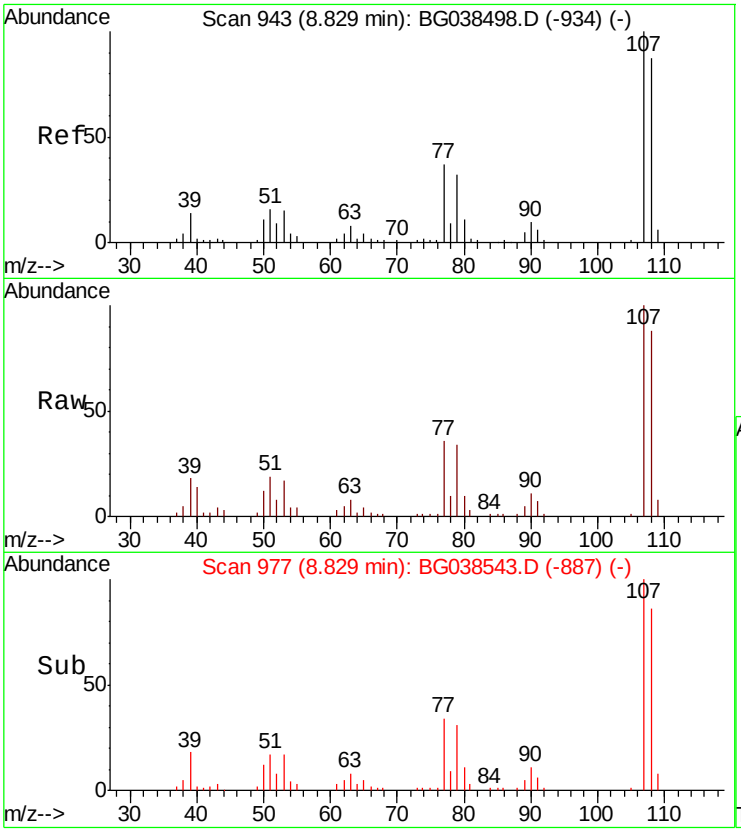


#19
n-Nitroso-di-n-propylamine
Concen: 22.576 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion: 70 Resp: 27522

Ion	Ratio	Lower	Upper
70	100		
42	50.7	63.6	95.4#
101	0.0	9.2	13.8#
130	1.9	18.5	27.7#



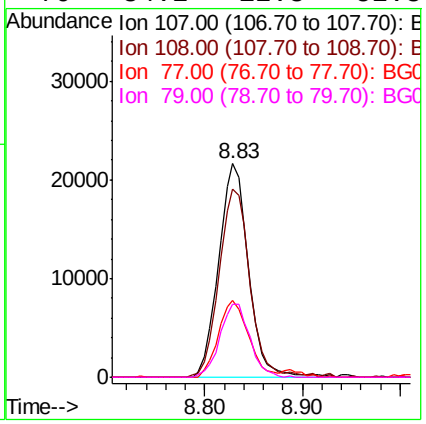


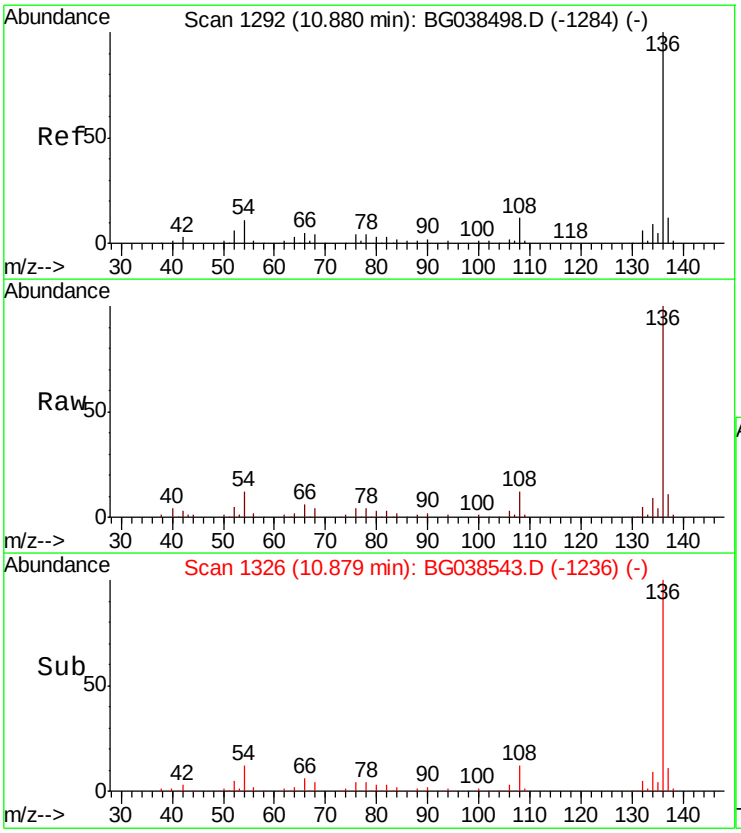
#20
3+4-Methylphenols
Concen: 26.745 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:107 Resp: 45633

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	36.0	17.3	57.3
79	34.2	12.3	52.3

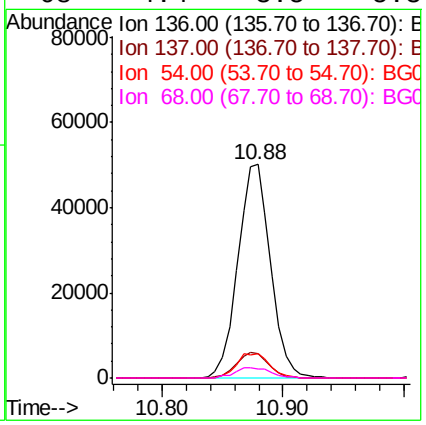


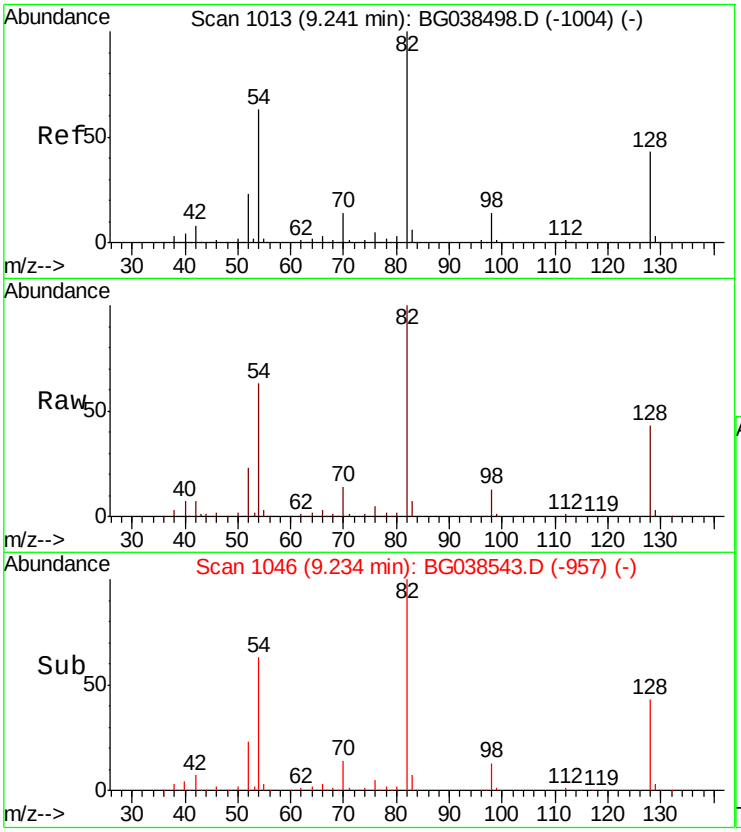


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:136 Resp: 94151

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	11.5	8.5	12.7
68	4.4	3.5	5.3



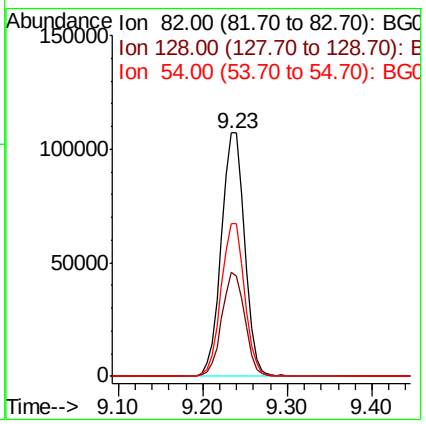


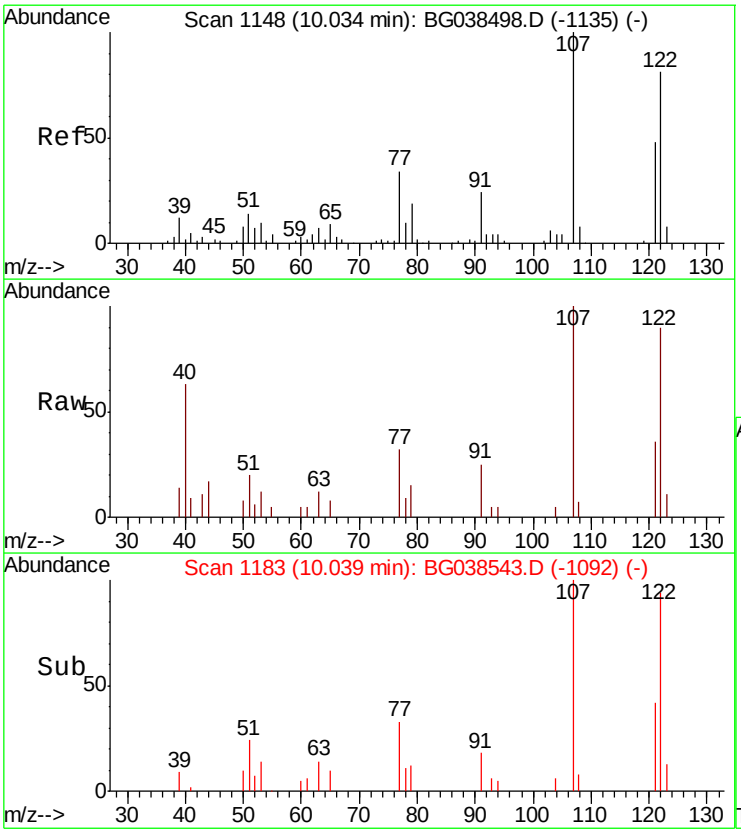
#23
Nitrobenzene-d5
Concen: 111.153 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion: 82 Resp: 204850

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	62.9	50.6	76.0

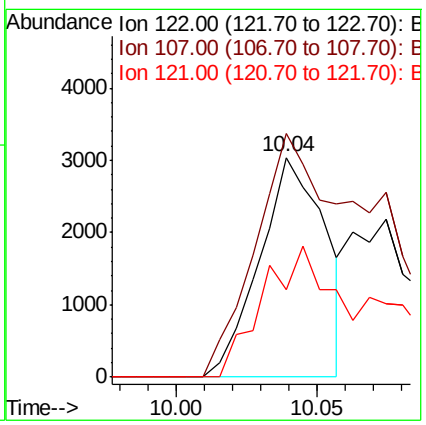


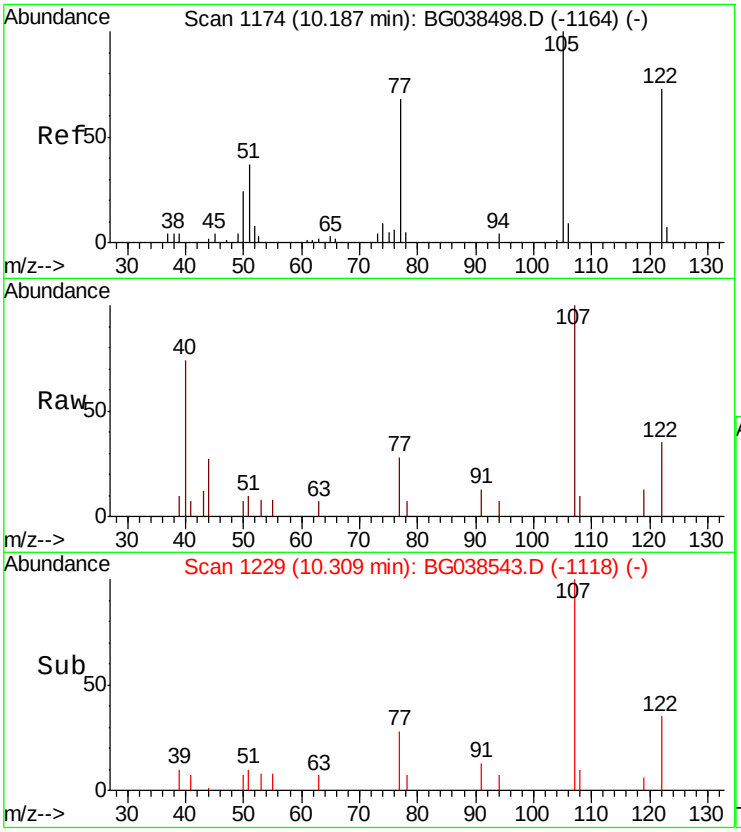


#27
2,4-Dimethylphenol
Concen: 3.593 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:122 Resp: 4914

Ion	Ratio	Lower	Upper
122	100		
107	110.9	98.4	147.6
121	39.6	47.2	70.8#



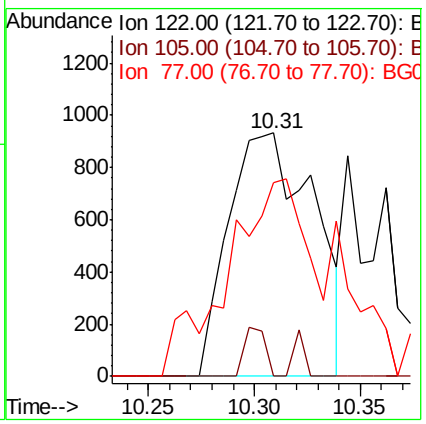


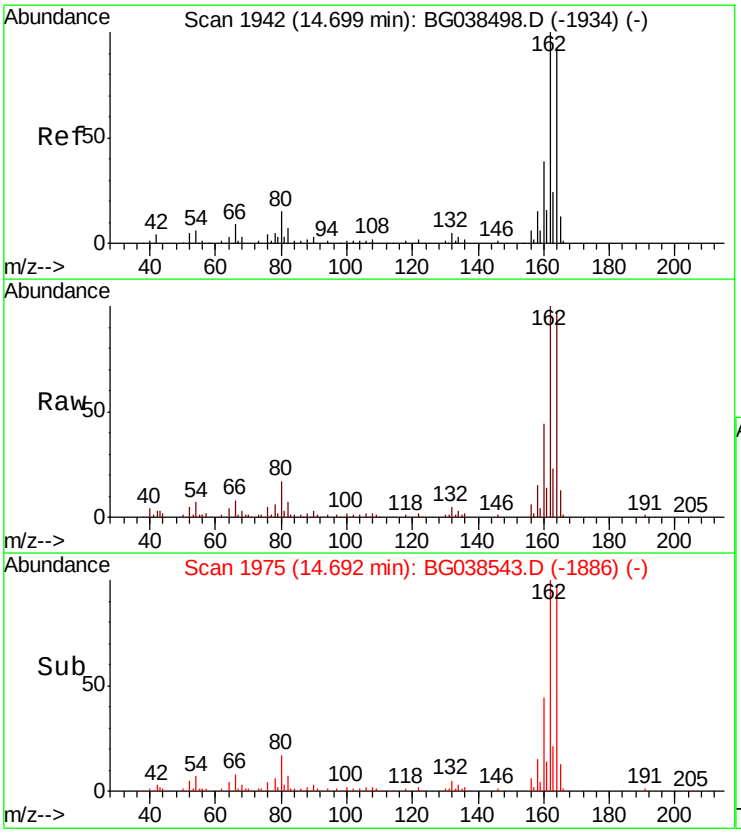
#32
Benzoic acid
Concen: 12.542 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.12 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:122 Resp: 2620

Ion	Ratio	Lower	Upper
122	100		
105	0.0	116.7	156.7#
77	79.4	72.5	112.5

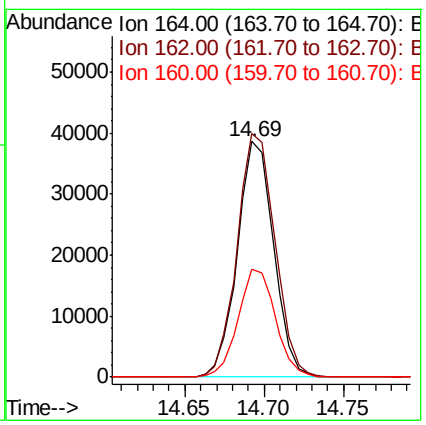


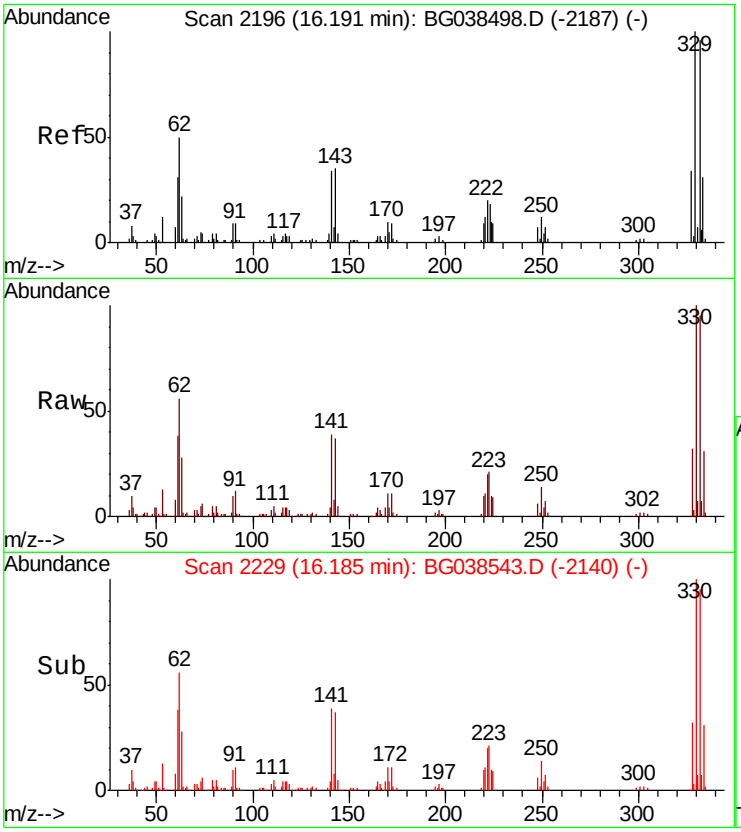


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:164 Resp: 61436

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.6	130.0
160	45.7	34.2	51.2



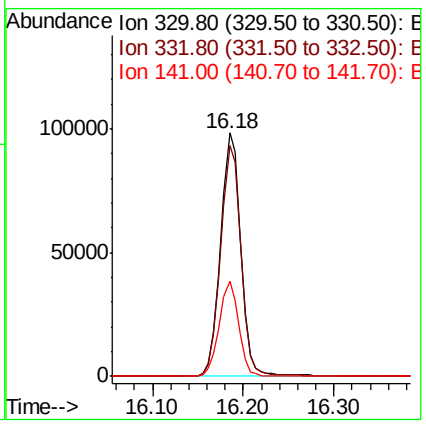


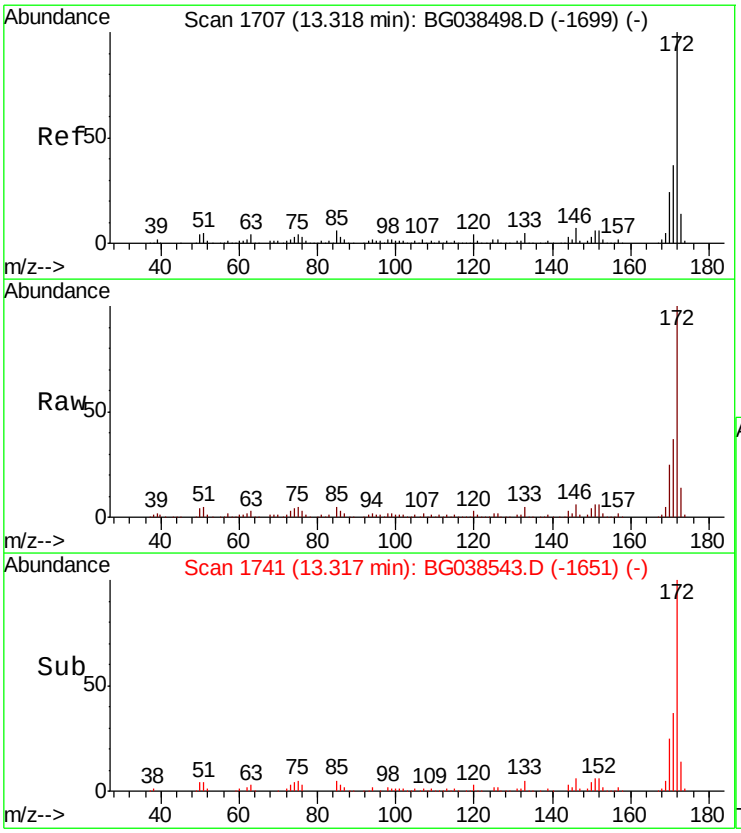
#42
2,4,6-Tribromophenol
Concen: 178.578 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:330 Resp: 151202

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	37.7	28.8	43.2

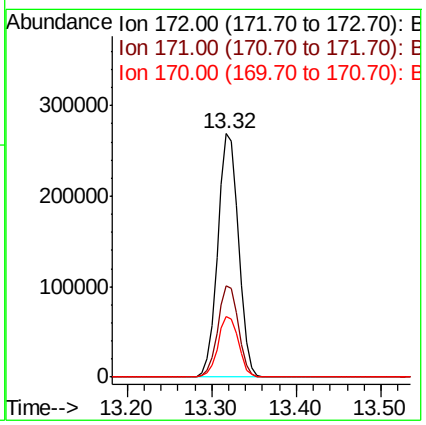


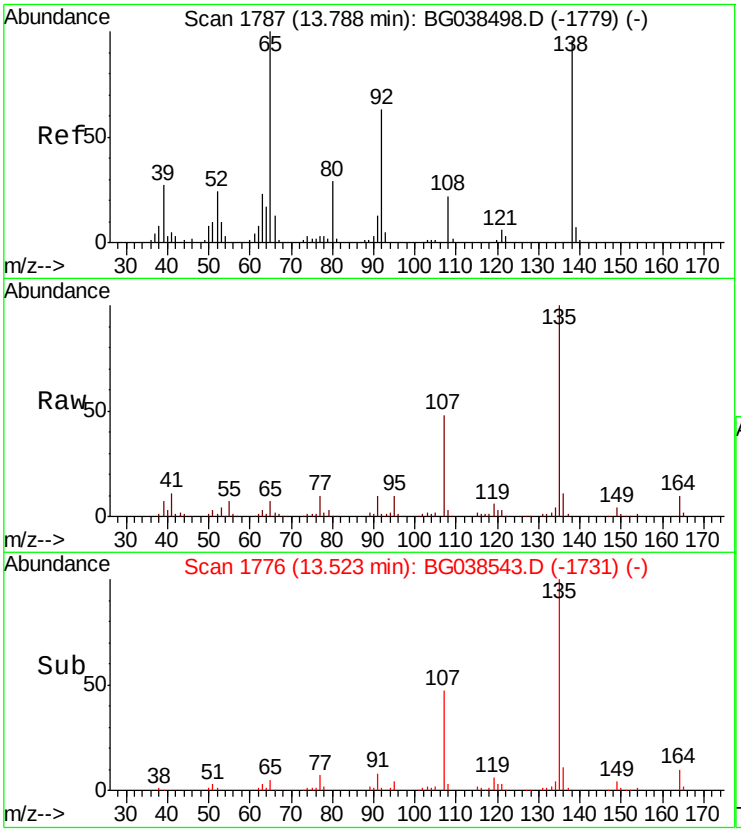


#45
2-Fluorobiphenyl
Concen: 102.649 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:172 Resp: 459697

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.1	19.5	29.3



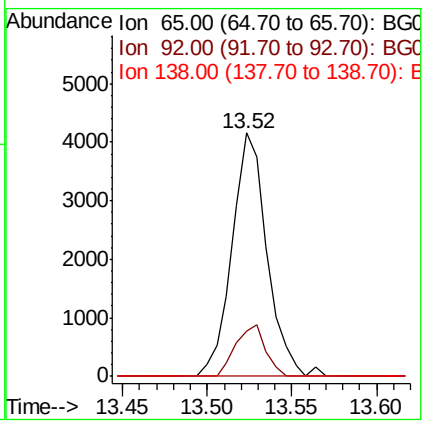


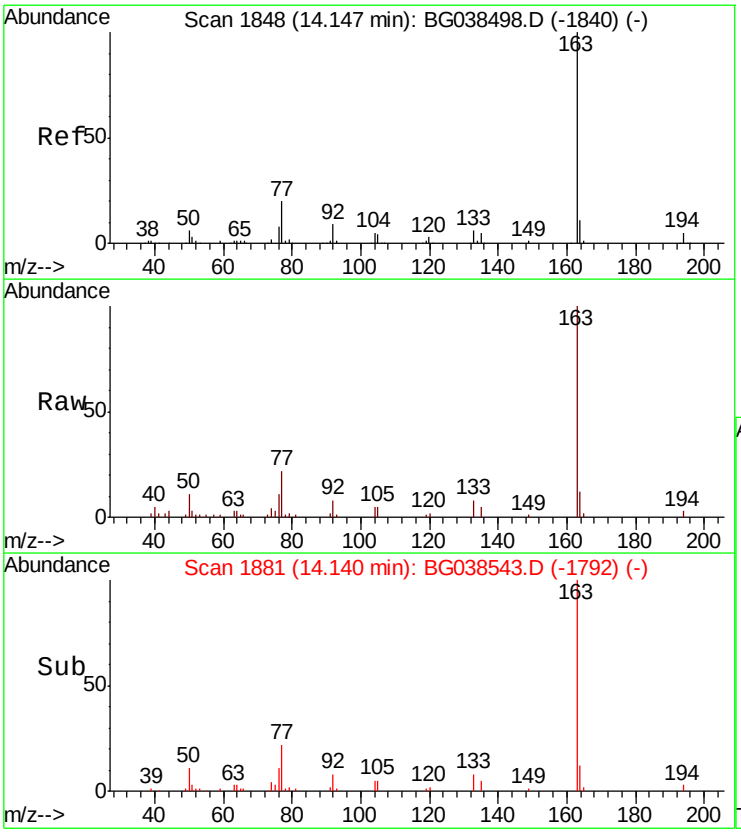
#48
2-Nitroaniline
Concen: 4.725 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.27 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion: 65 Resp: 5988

Ion	Ratio	Lower	Upper
65	100		
92	18.6	50.0	75.0#
138	0.0	76.9	115.3#

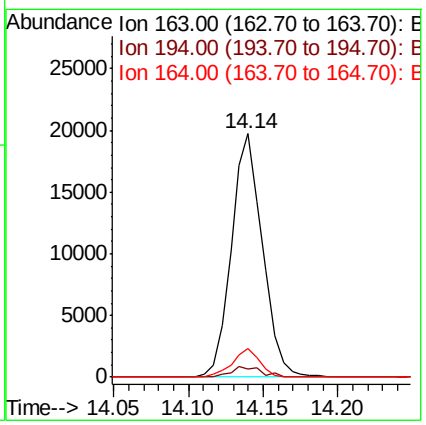


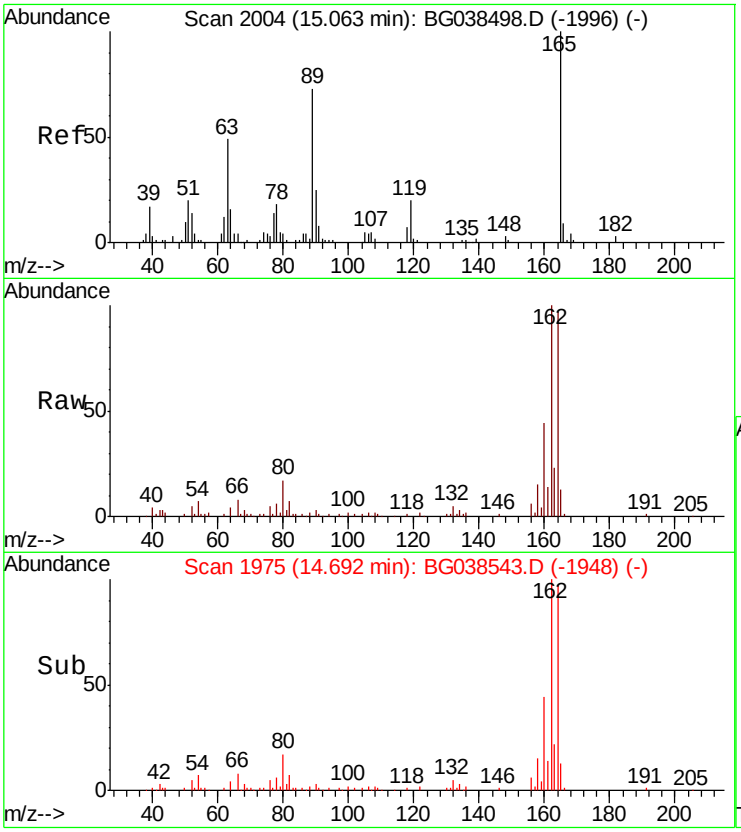


#50
Dimethylphthalate
Concen: 5.707 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:163 Resp: 28632

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.7	5.5#
164	11.9	8.6	12.8



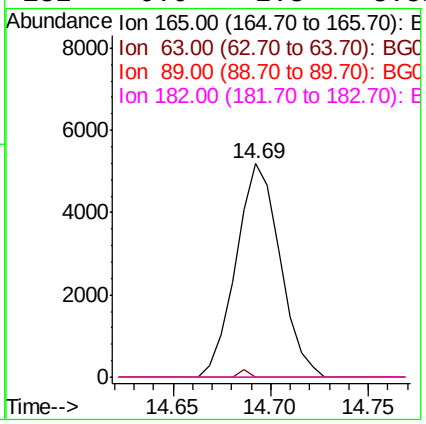


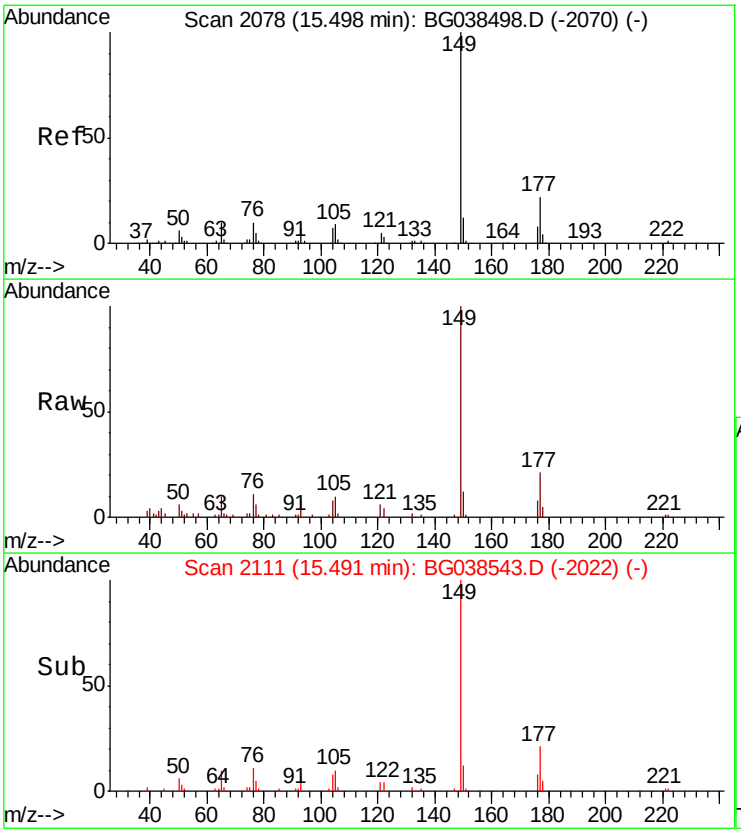
#57
2,4-Dinitrotoluene
Concen: 5.058 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:165 Resp: 8099

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

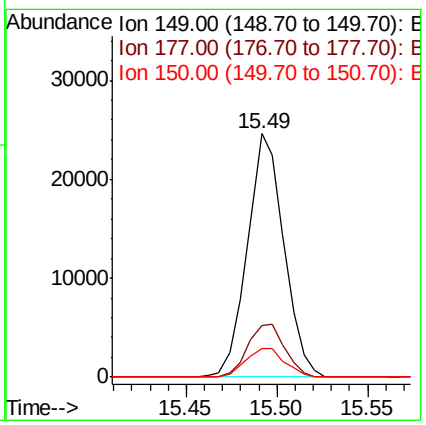


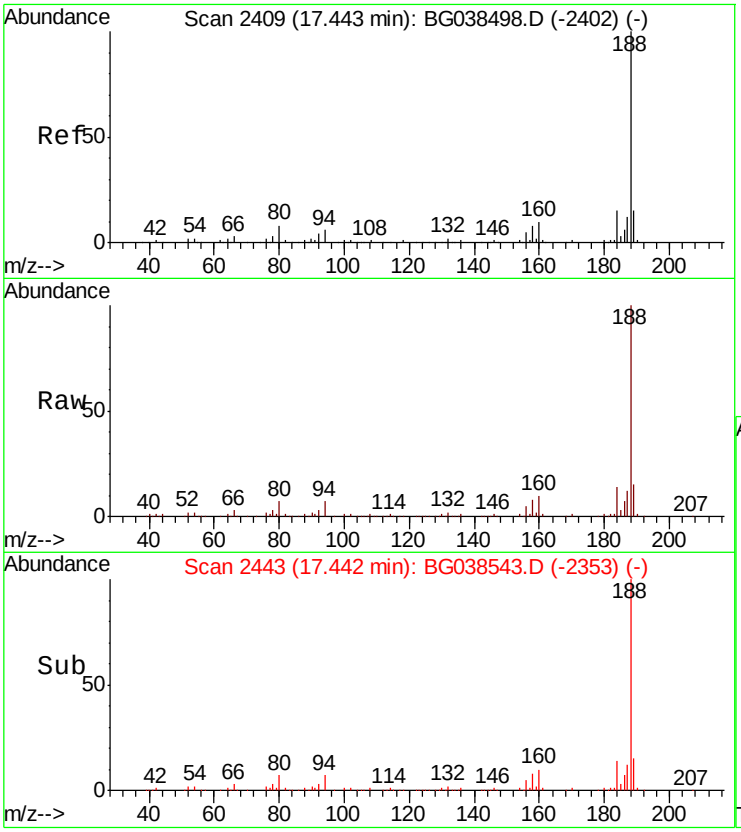


#60
Diethylphthalate
Concen: 6.238 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:149 Resp: 34359

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.7	26.5
150	11.9	9.9	14.9



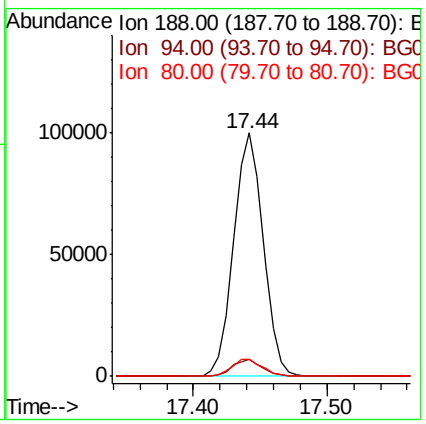


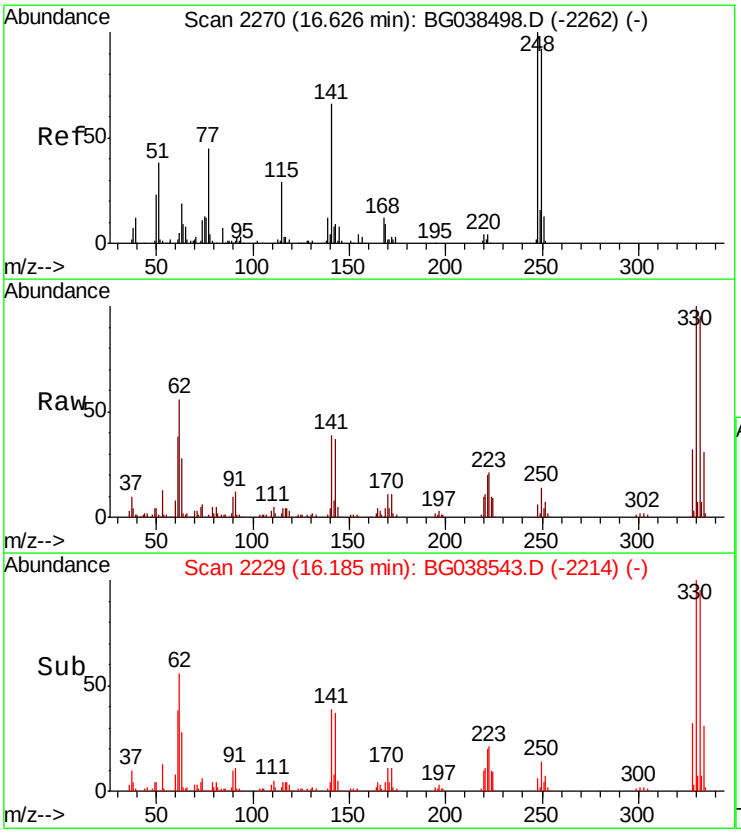
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:188 Resp: 153919

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.1	7.7
80	7.0	6.1	9.1

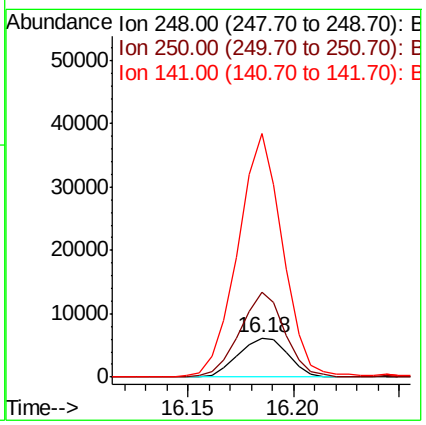


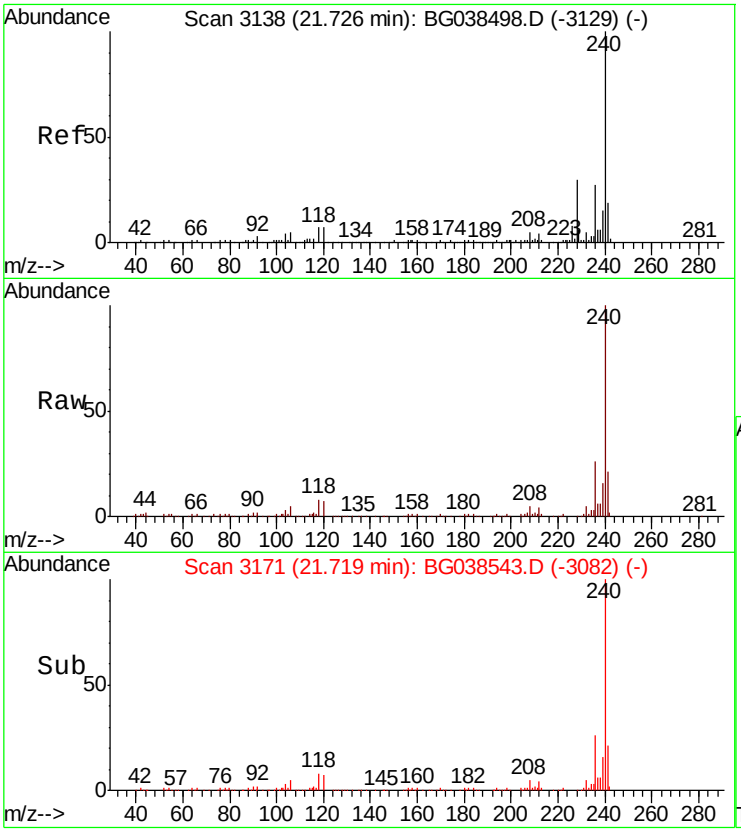


#67
4-Bromophenyl-phenylether
Concen: 5.337 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:248 Resp: 10032

Ion	Ratio	Lower	Upper
248	100		
250	207.3	73.4	110.2#
141	464.1	52.9	79.3#



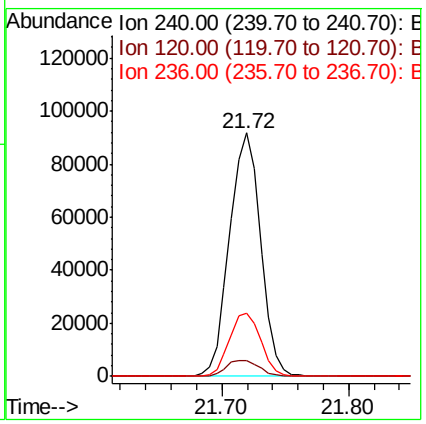


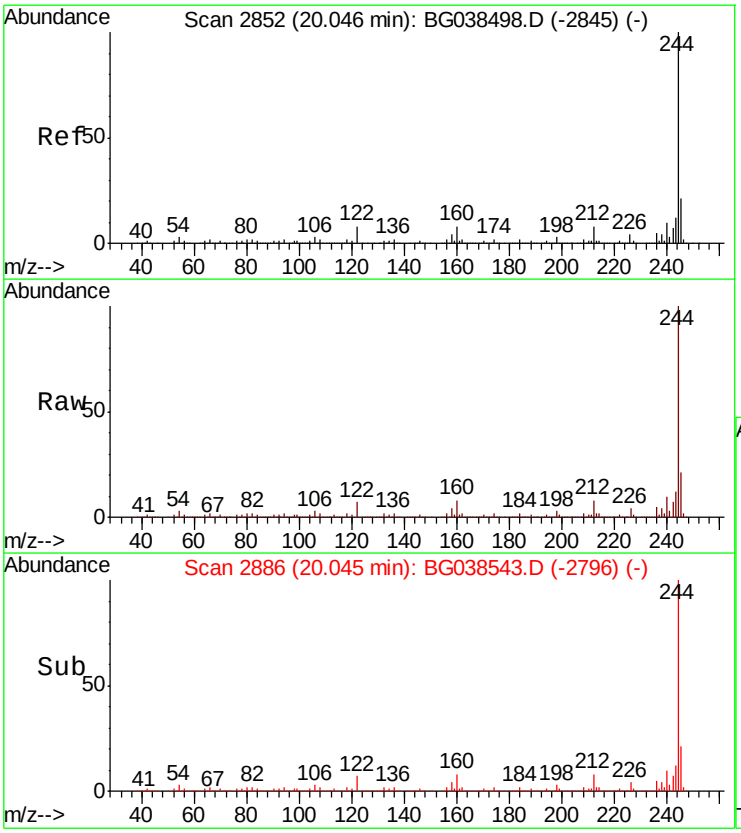
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:240 Resp: 156037

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.3	7.9
236	25.9	21.4	32.2

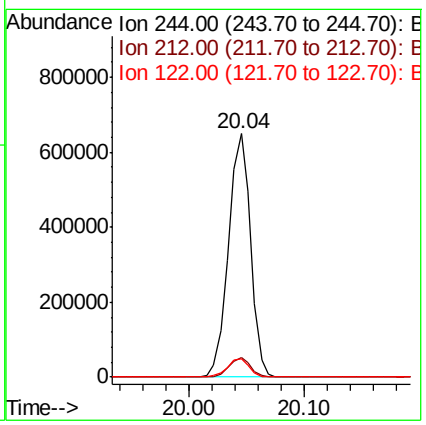


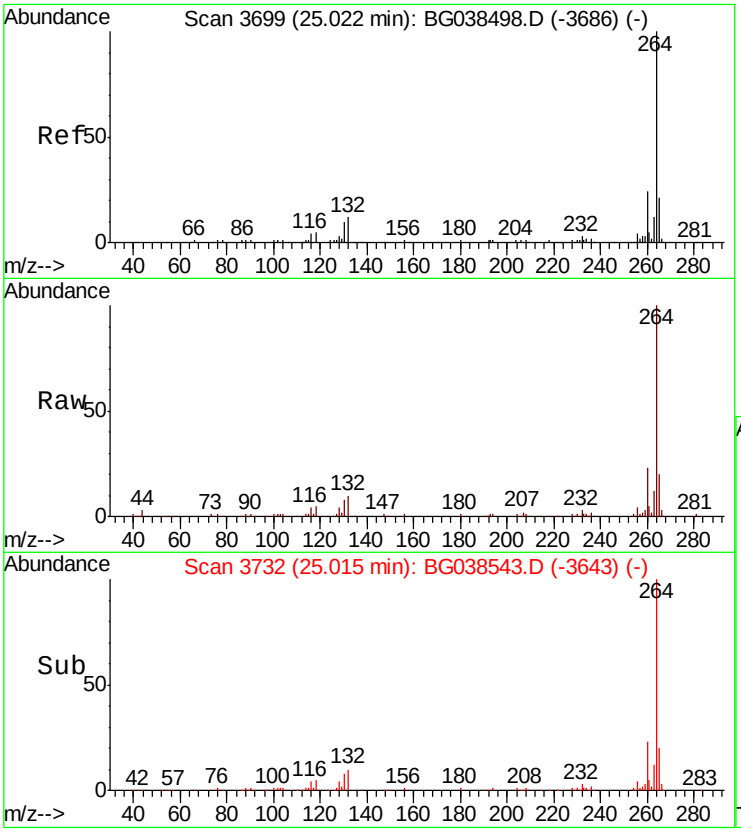


#79
Terphenyl-d14
Concen: 119.620 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:244 Resp: 857640

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.5	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion:264 Resp: 169694

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	20.5	17.0	25.4