Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043025.D
Acq On : 4 Oct 2019 5:00
Operator : JU
Sample : K4660-03RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-GROUNDWATER

Quant Time: Oct 04 06:36:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	72442	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	272600	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	194306	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	439172	20.00	ng		0.00
76) Chrysene-d12	21.70	240	485739	20.00	ng		-0.02
87) Perylene-d12	24.92	264	554936	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	390923	96.30	ng		0.00
7) Phenol-d6	7.24	99	401057	68.61	ng		0.00
23) Nitrobenzene-d5	9.23	82	455648	81.24	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	428544	128.26	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1142050	85.21	ng		-0.01
79) Terphenyl-d14	20.04	244	1940671	85.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	19248	3.589	ng		99
19) n-Nitroso-di-n-propylamine	9.23	70	63258	16.481	ng	#	70
32) Benzoic acid	10.17	122	281	2.911	ng	#	1
50) Dimethylphthalate	14.13	163	94142	6.466	ng		97
57) 2,4-Dinitrotoluene	14.69	165	27267	6.006	ng	#	26
67) 4-Bromophenyl-phenylether	16.17	248	28200	5.116	ng	#	1
77) Benzidine	20.04	184	33497	2.754	ng	#	92

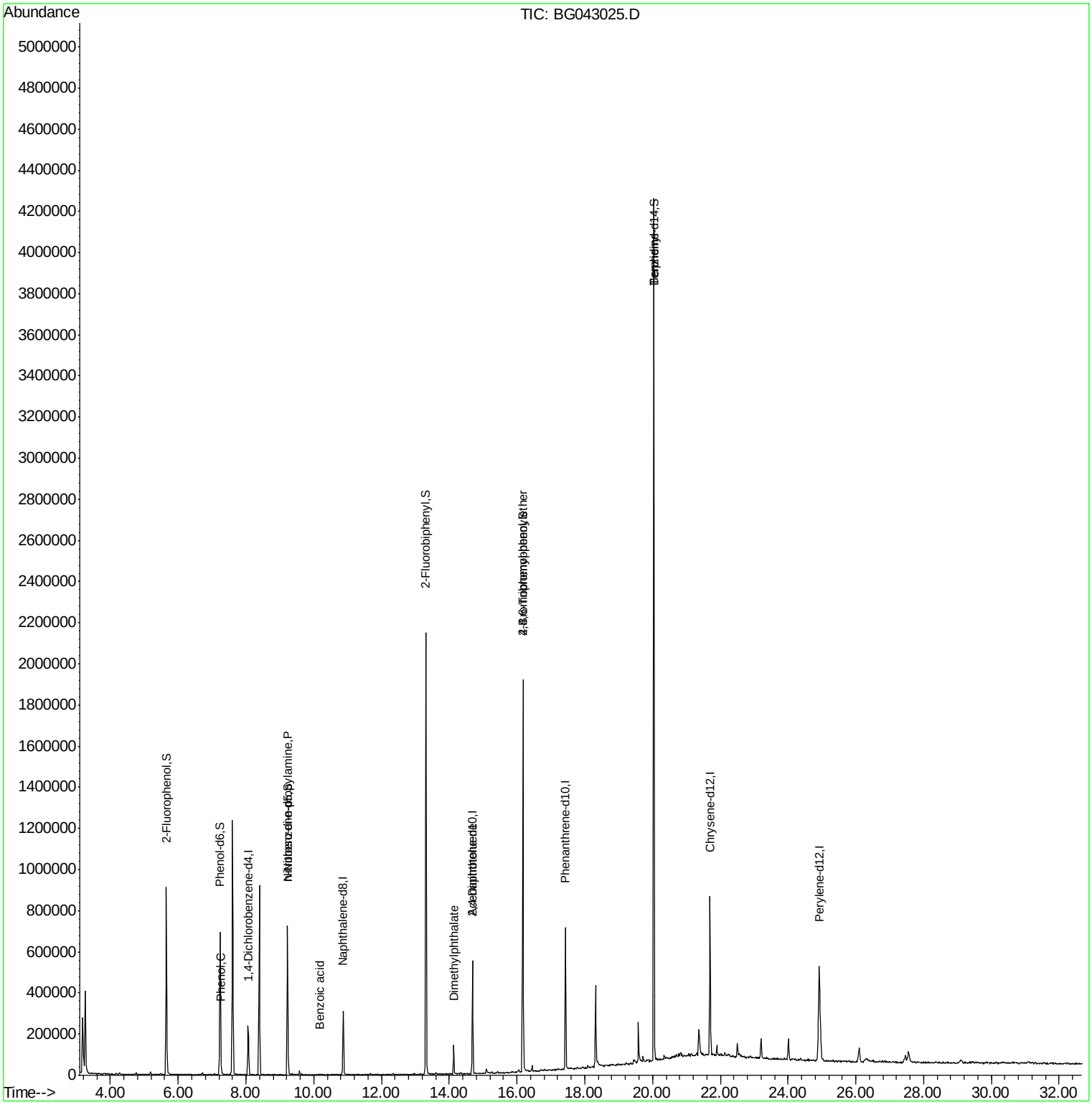
(#) = qualifier out of range (m) = manual integration (+) = signals summed

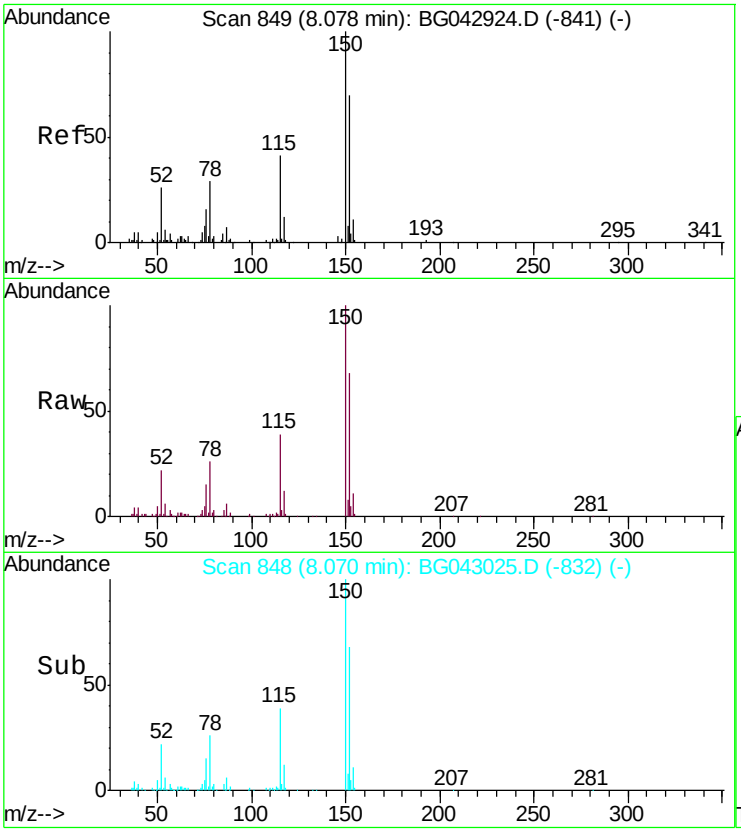
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043025.D
Acq On : 4 Oct 2019 5:00
Operator : JU
Sample : K4660-03RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-GROUNDWATER

Quant Time: Oct 04 06:36:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



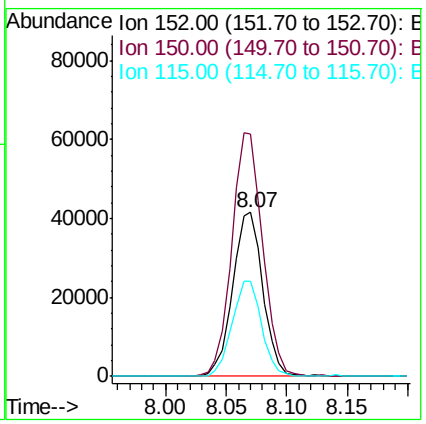


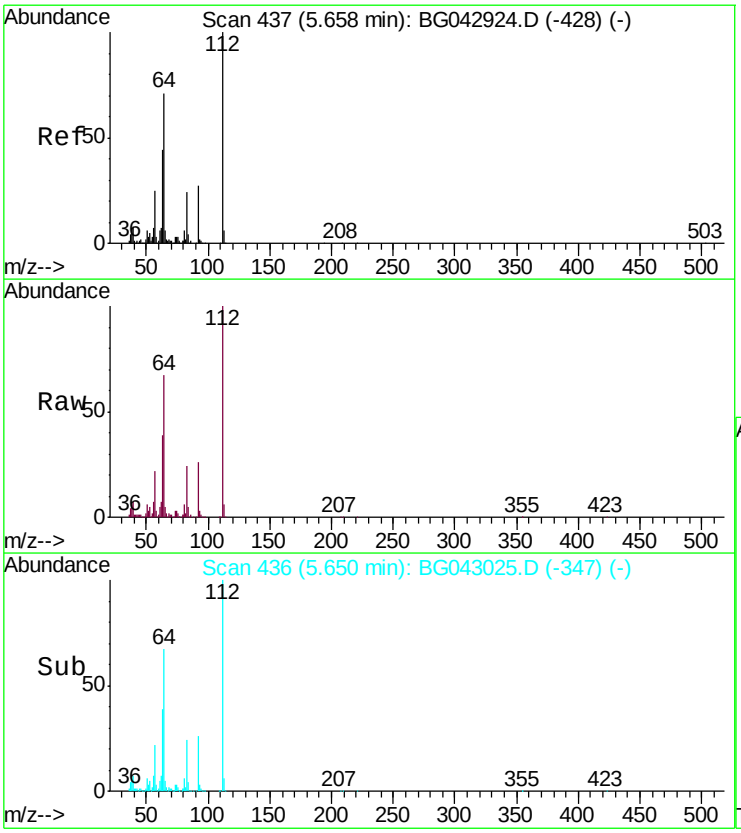
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:152 Resp: 72442

Ion	Ratio	Lower	Upper
152	100		
150	148.1	115.0	172.4
115	57.9	47.0	70.6

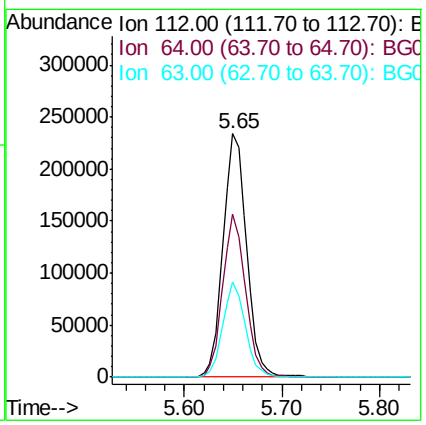


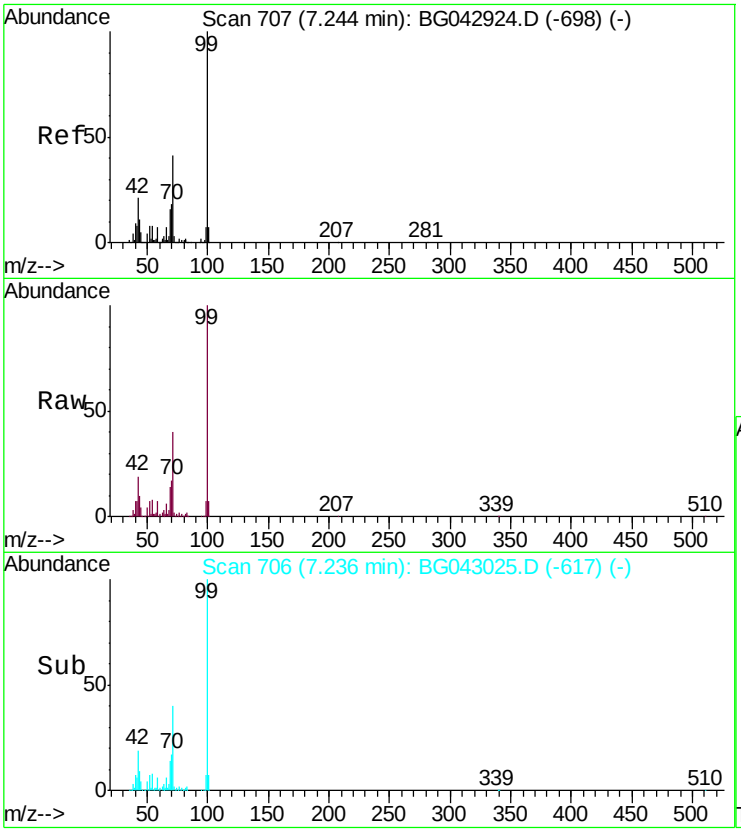


#5
2-Fluorophenol
Concen: 96.305 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:112 Resp: 390923

Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.6	84.8
63	38.8	35.1	52.7



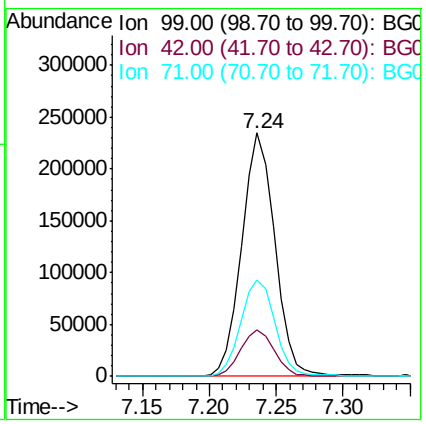


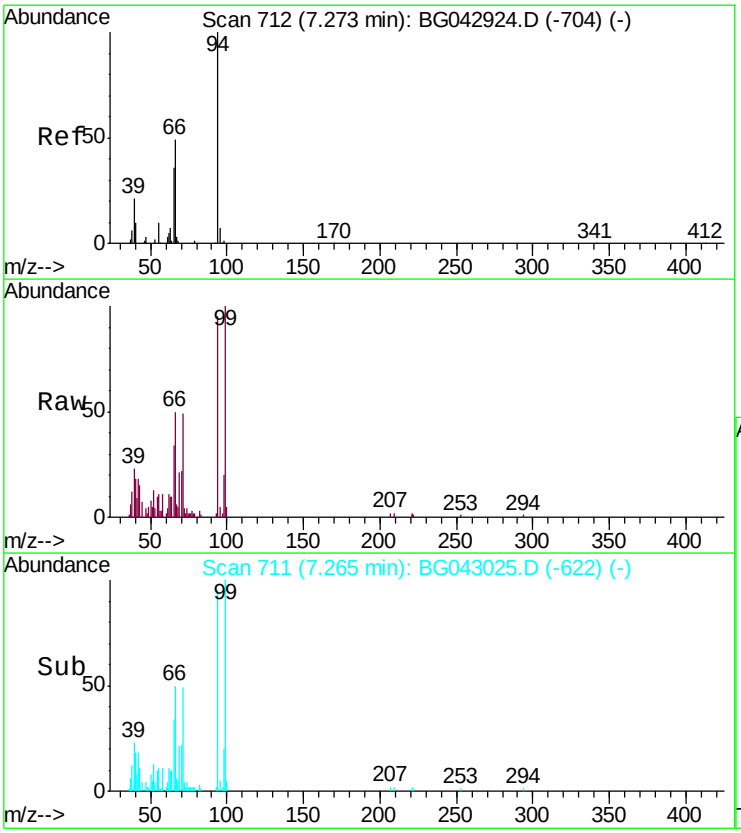
#7
Phenol-d6
Concen: 68.609 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion: 99 Resp: 401057

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	39.8	33.1	49.7

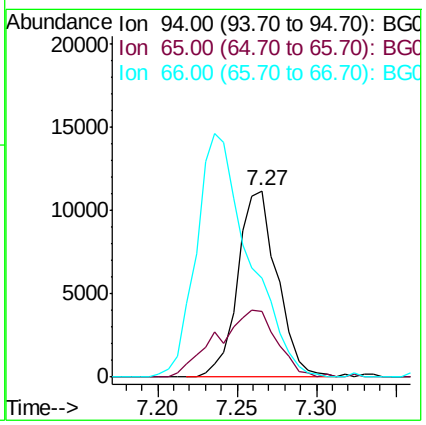


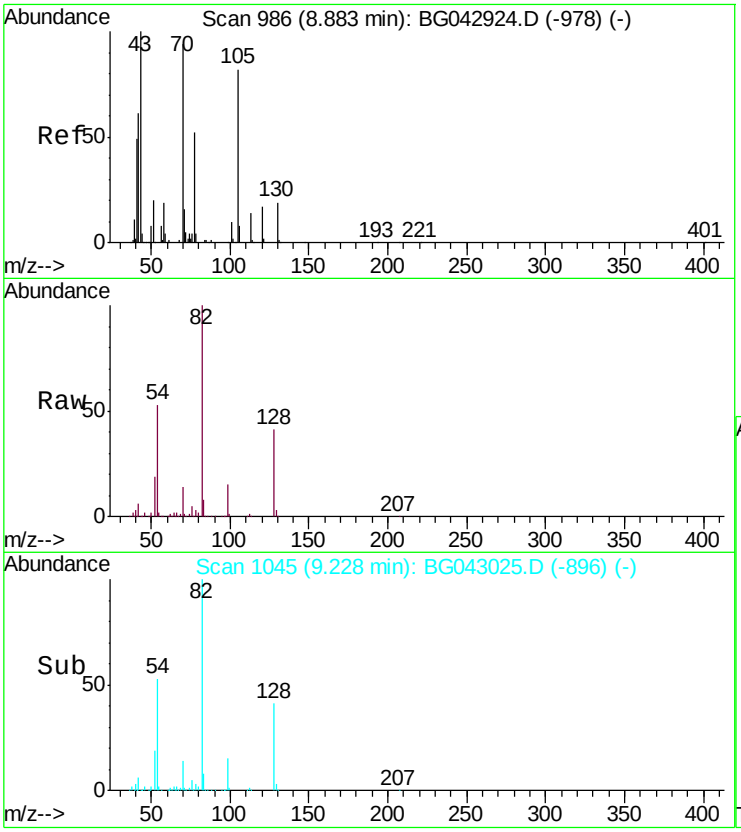


#10
Phenol
Concen: 3.589 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion: 94 Resp: 19248

Ion	Ratio	Lower	Upper
94	100		
65	35.5	16.6	56.6
66	53.2	32.4	72.4



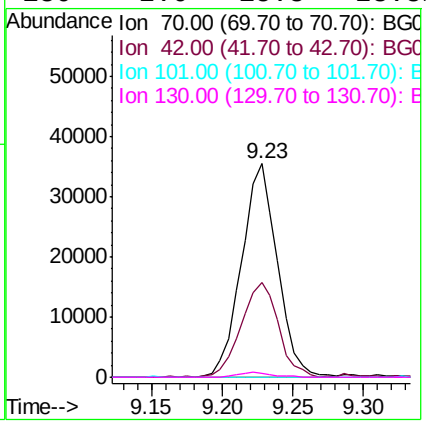


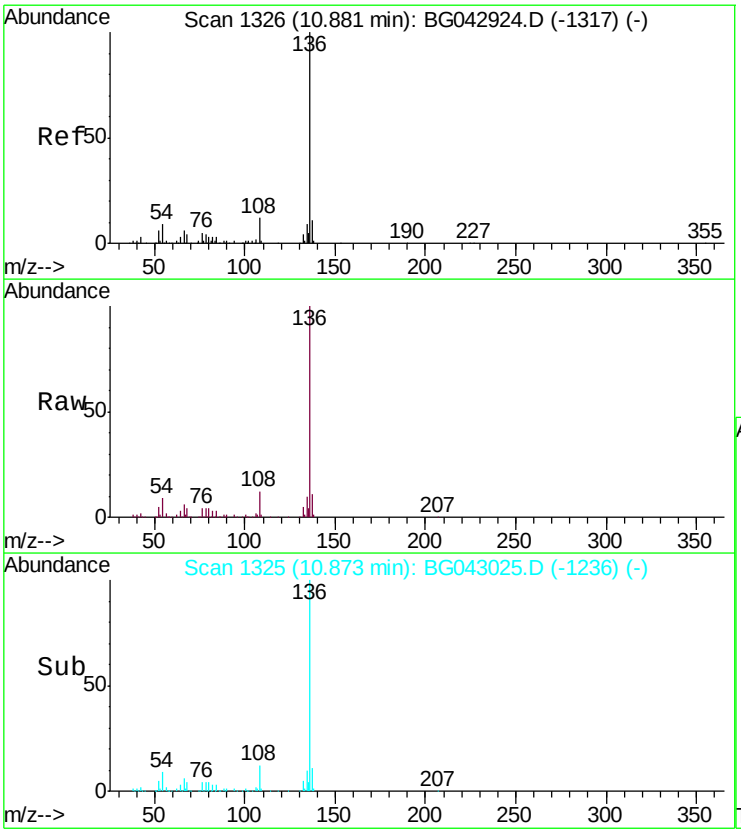
#19
n-Nitroso-di-n-propylamine
Concen: 16.481 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion: 70 Resp: 63258

Ion	Ratio	Lower	Upper
70	100		
42	44.4	52.6	79.0#
101	0.0	8.7	13.1#
130	2.0	15.8	23.8#

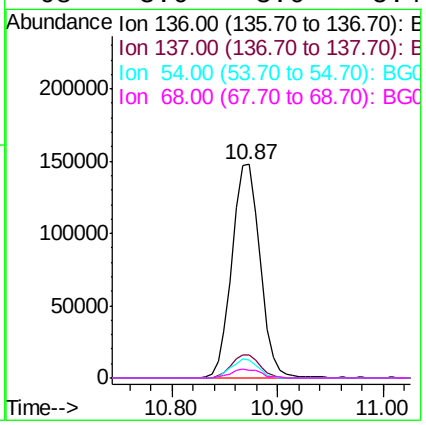


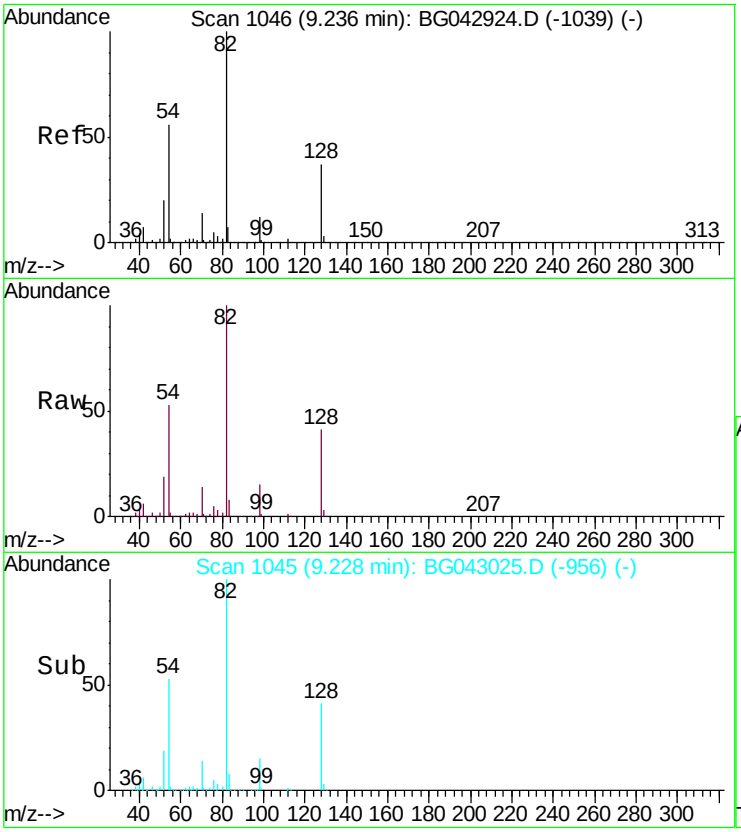


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:136 Resp: 272600

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.7	7.4	11.2
68	3.6	3.6	5.4



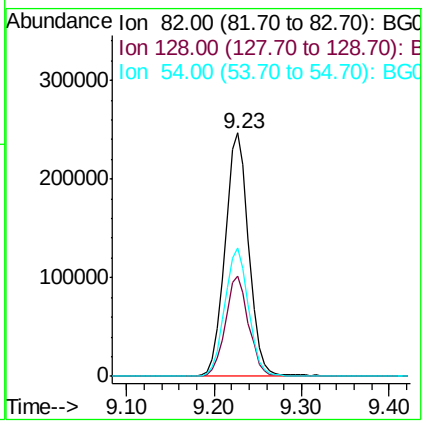


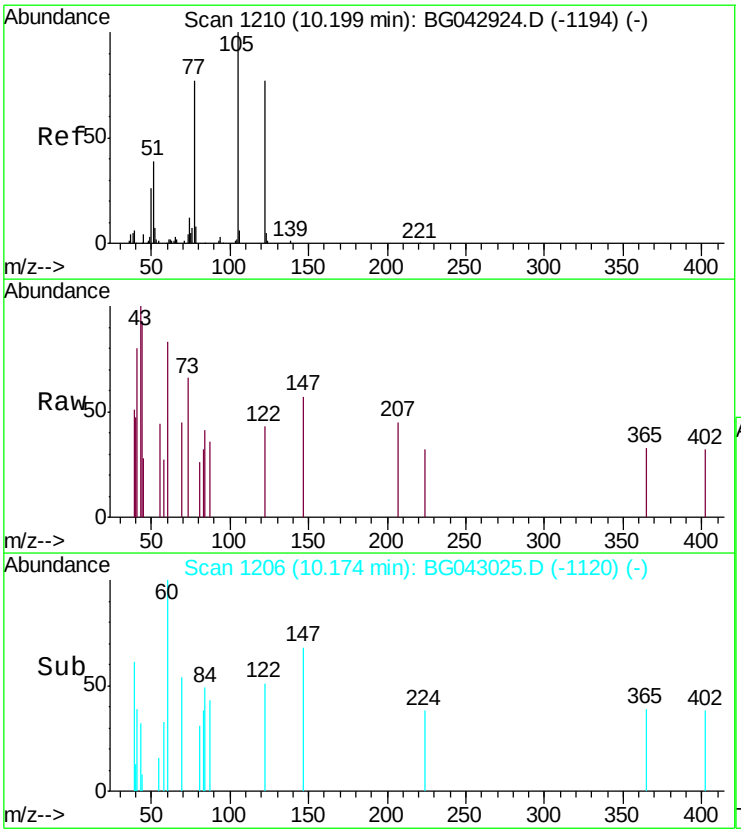
#23
Nitrobenzene-d5
Concen: 81.243 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion: 82 Resp: 455648

Ion	Ratio	Lower	Upper
82	100		
128	41.0	29.5	44.3
54	52.6	44.6	67.0

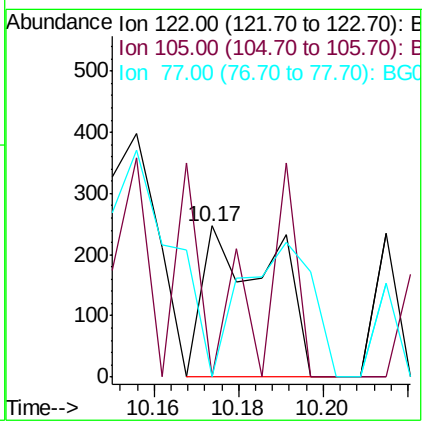


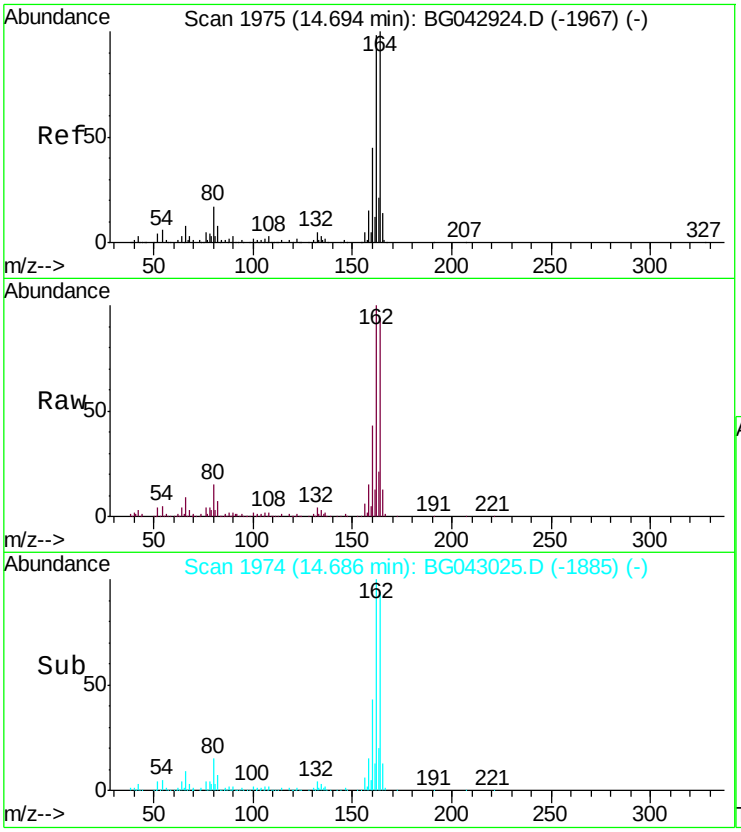


#32
Benzoic acid
Concen: 2.911 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:122 Resp: 281

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



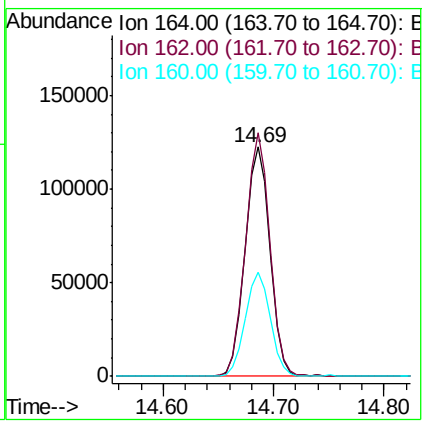


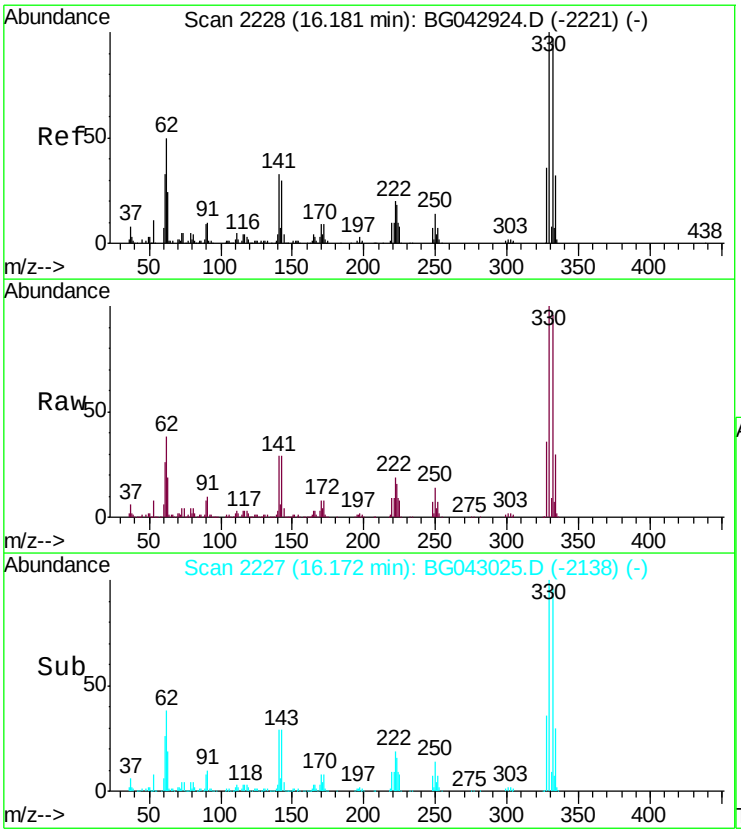
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:164 Resp: 194306

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.5	117.7
160	45.6	35.9	53.9

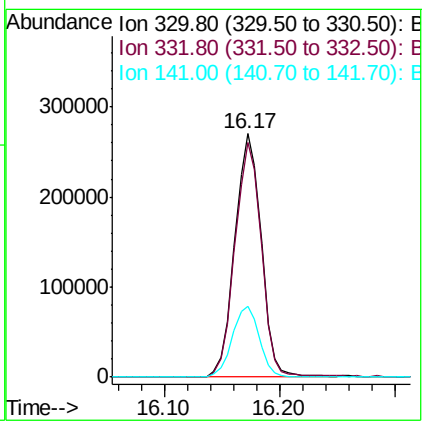


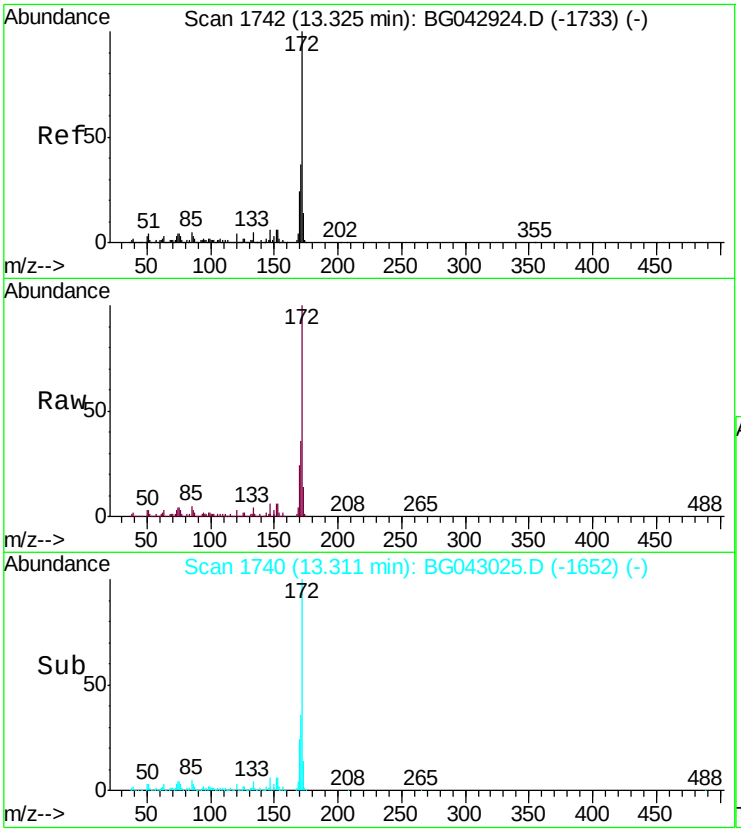


#42
2,4,6-Tribromophenol
Concen: 128.260 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:330 Resp: 428544

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	29.8	26.0	39.0



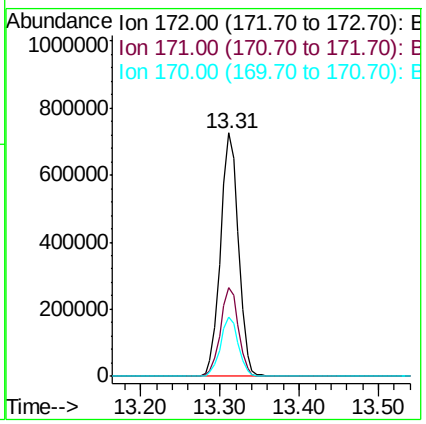


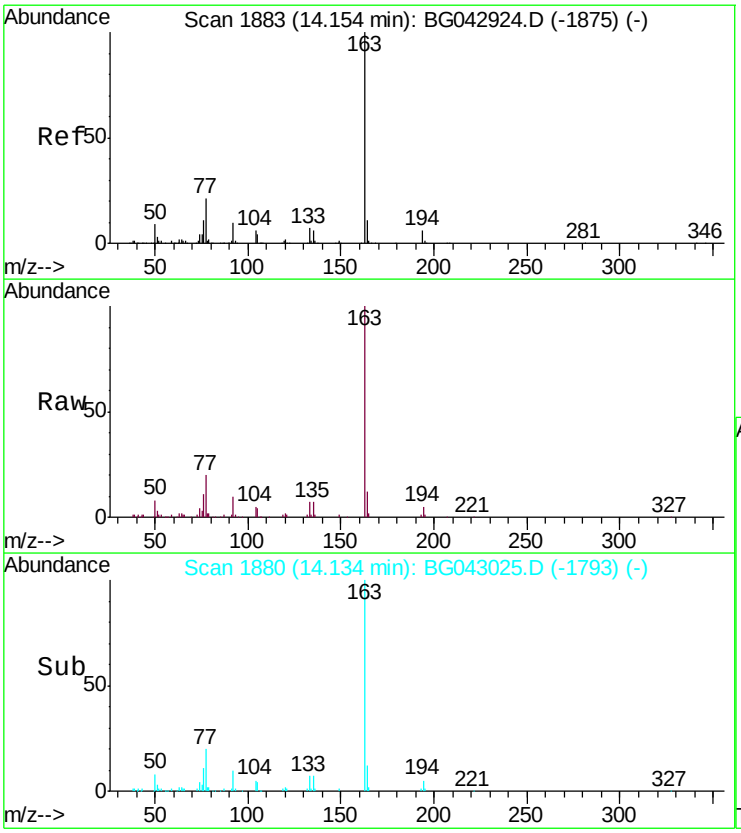
#45
2-Fluorobiphenyl
Concen: 85.207 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:172 Resp: 1142050

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.6	29.4

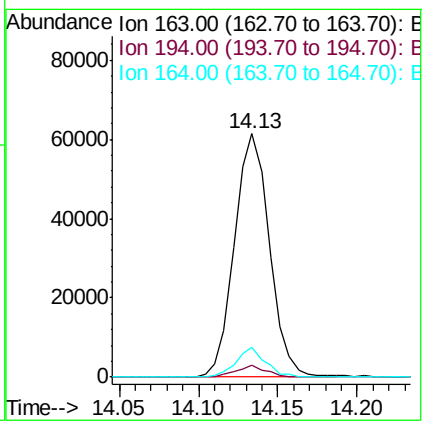


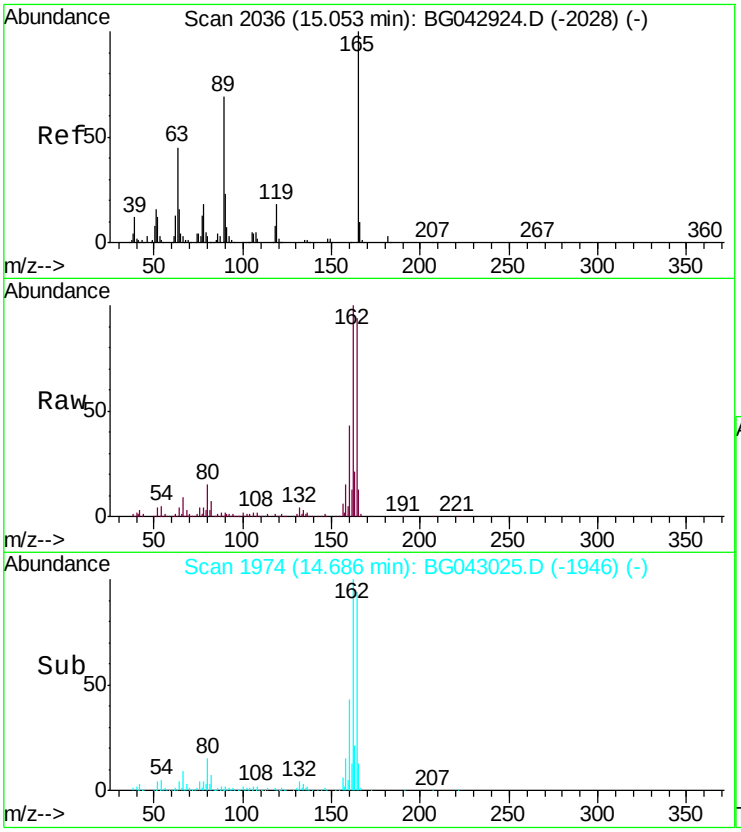


#50
Dimethylphthalate
Concen: 6.466 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:163 Resp: 94142

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.4	6.6
164	12.4	8.6	12.8



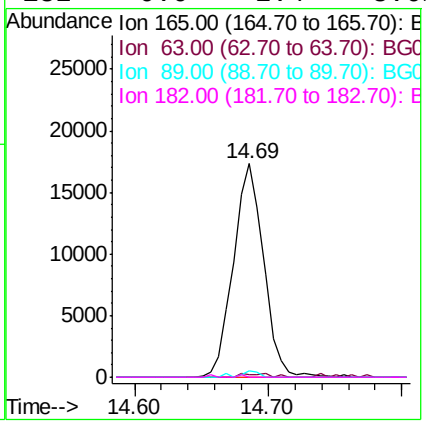


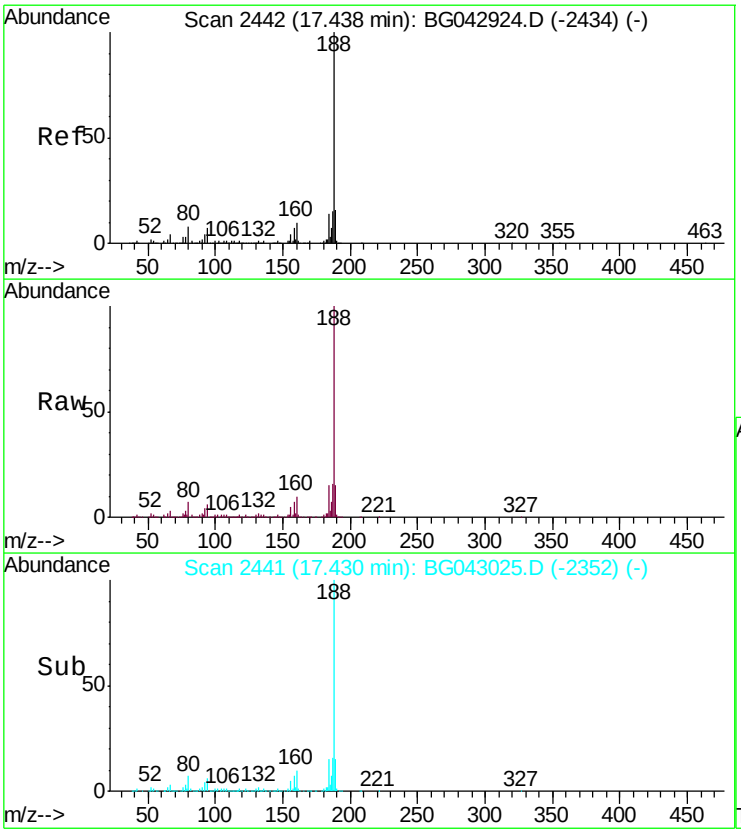
#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:165 Resp: 27267

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.5	54.7#
89	3.3	55.5	83.3#
182	0.0	2.4	3.6#

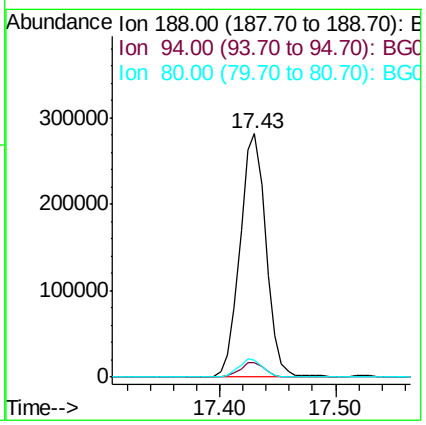


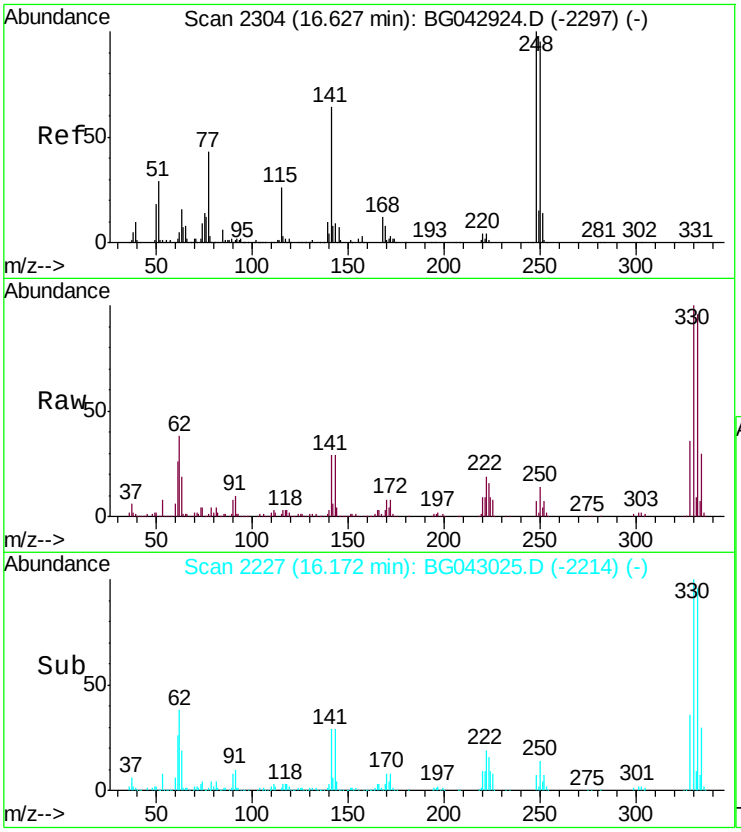


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:188 Resp: 439172

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	7.1	6.5	9.7



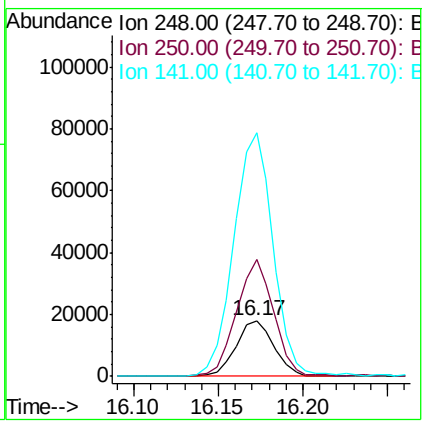


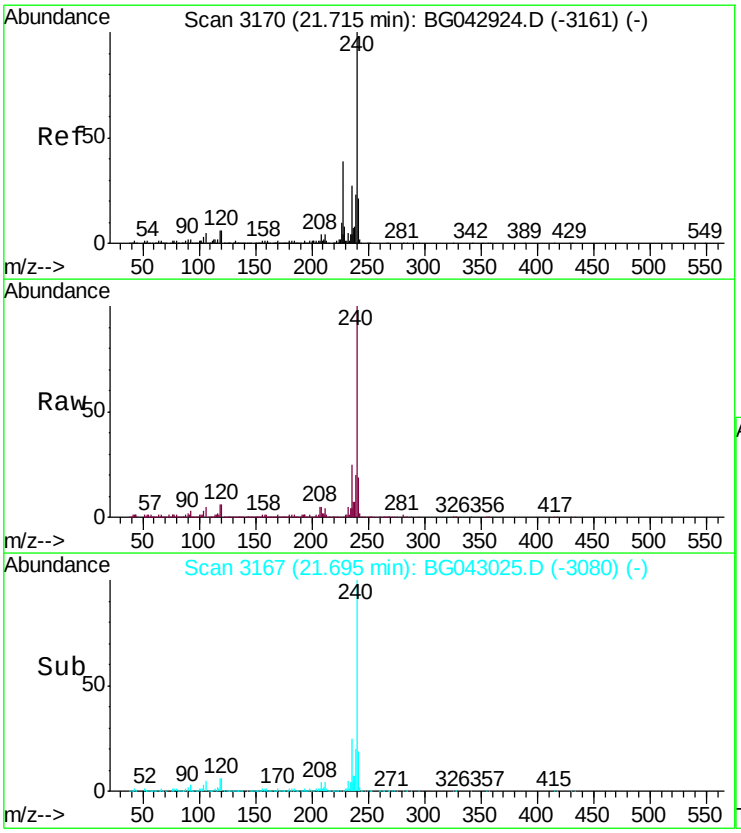
#67
4-Bromophenyl-phenylether
Concen: 5.116 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:248 Resp: 28200

Ion	Ratio	Lower	Upper
248	100		
250	211.7	75.8	113.8#
141	439.2	51.1	76.7#

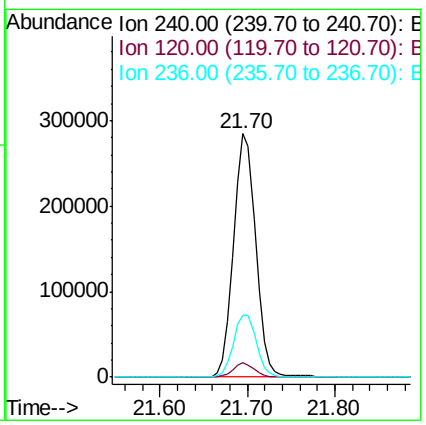


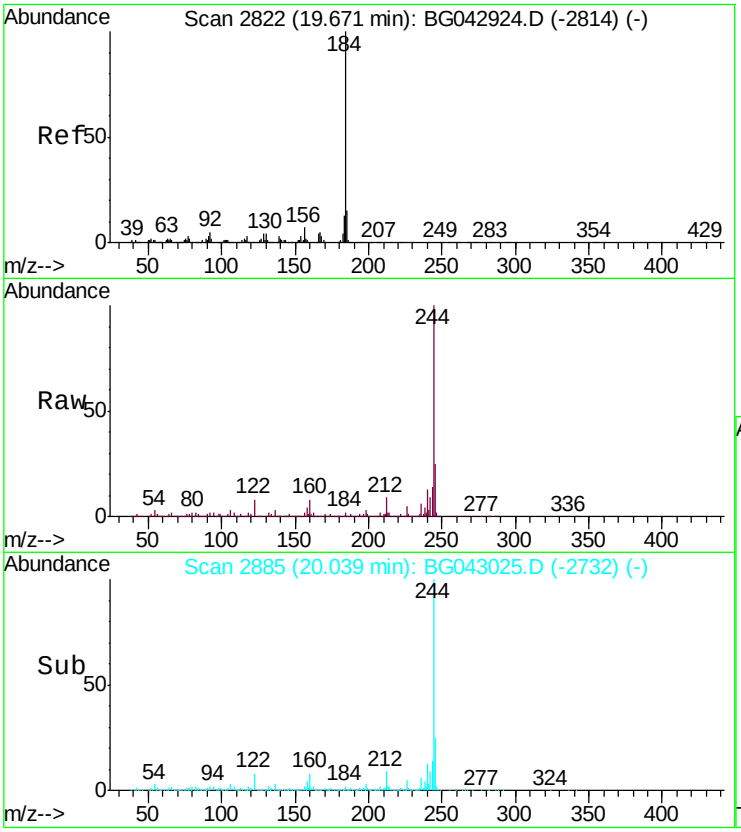


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:240 Resp: 485739

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	25.5	21.4	32.0



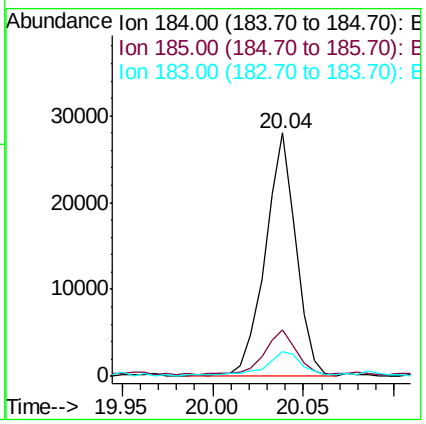


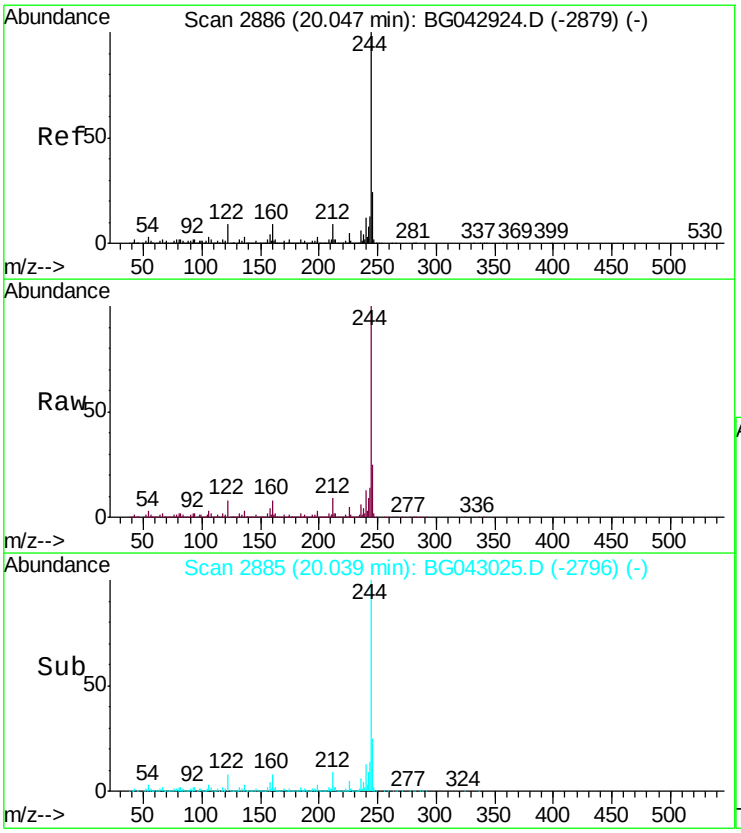
#77
Benzidine
Concen: 2.754 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:184 Resp: 33497

Ion	Ratio	Lower	Upper
184	100		
185	19.1	11.8	17.8#
183	10.2	10.1	15.1

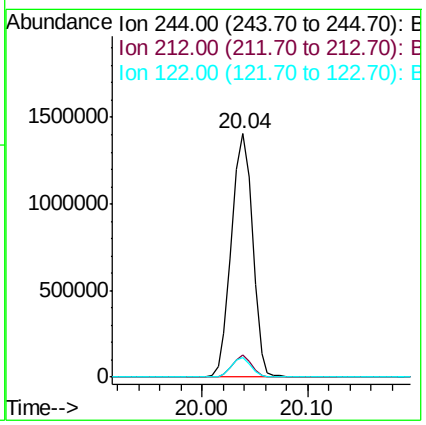


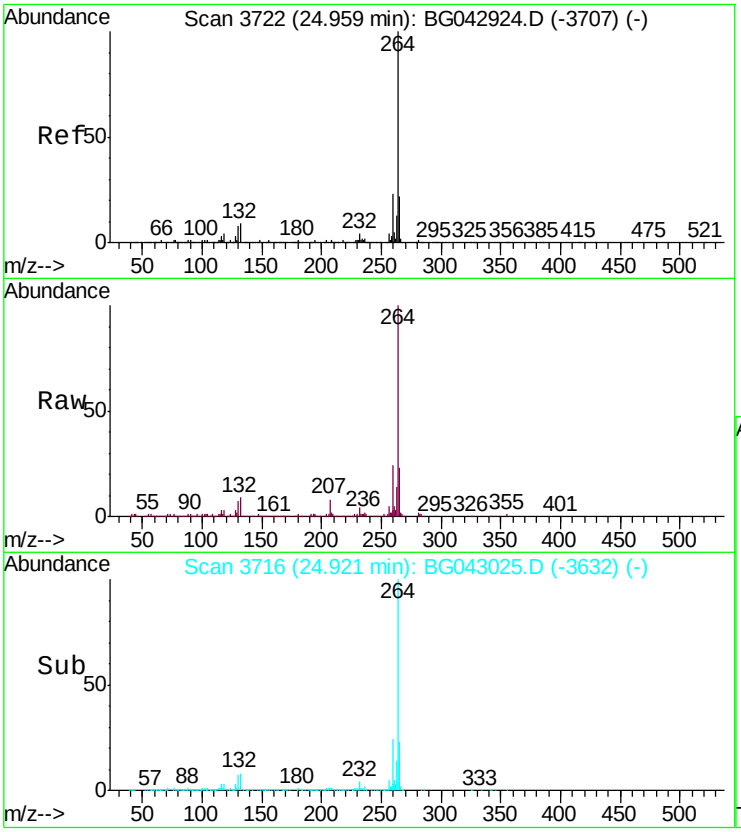


#79
Terphenyl-d14
Concen: 85.135 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion:244 Resp: 1940671

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tgt Ion:264 Resp: 554936

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	23.1	17.7	26.5