Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
Data File : BG046157.D
Acq On : 3 Aug 2020 20:04
Operator : CG/JU
Sample : L3523-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200448-SITE-WATER

Quant Time: Aug 04 00:57:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98101	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	392153	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	257519	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	592554	20.00	ng	0.00
76) Chrysene-d12	21.57	240	648020	20.00	ng	0.00
86) Perylene-d12	24.67	264	671627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	431451	76.45	ng	0.00
7) Phenol-d6	7.12	99	376138	48.91	ng	0.00
23) Nitrobenzene-d5	9.10	82	575686	79.48	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	433289	109.54	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1334962	75.30	ng	0.00
79) Terphenyl-d14	19.93	244	2059537	64.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	13983	5.444	ng	# 1
19) n-Nitroso-di-n-propylamine	9.10	70	76538	15.291	ng	# 77
50) Dimethylphthalate	14.03	163	64419	3.259	ng	98
51) 2,6-Dinitrotoluene	14.58	165	34107	7.415	ng	# 30
54) 2,4-Dinitrophenol	14.49	184	68	7.088	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	34107	5.393	ng	# 30
67) 4-Bromophenyl-phenylether	16.07	248	27163	3.711	ng	# 1

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

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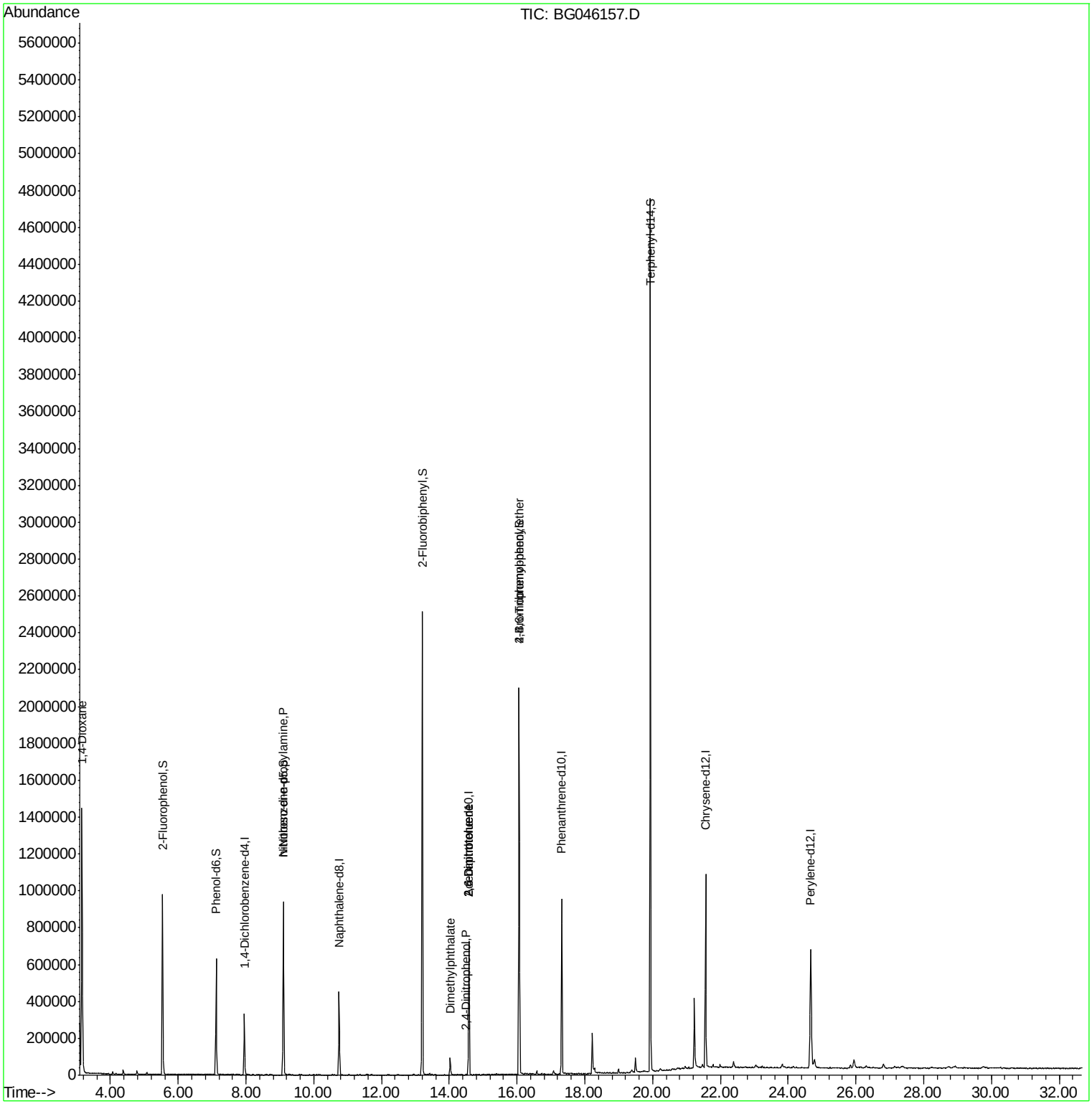
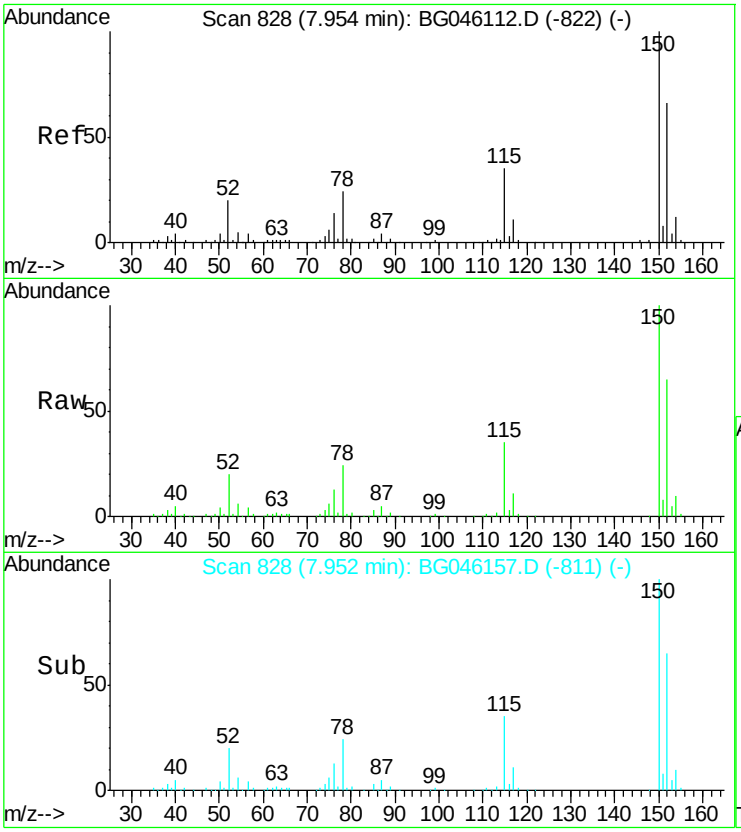
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



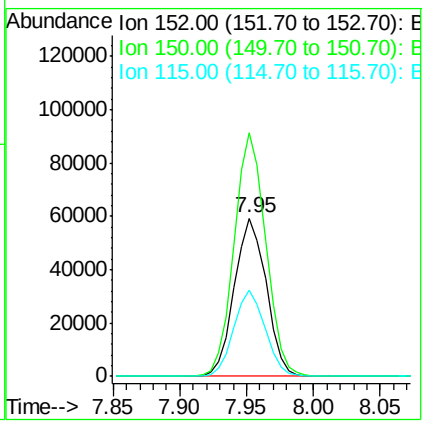


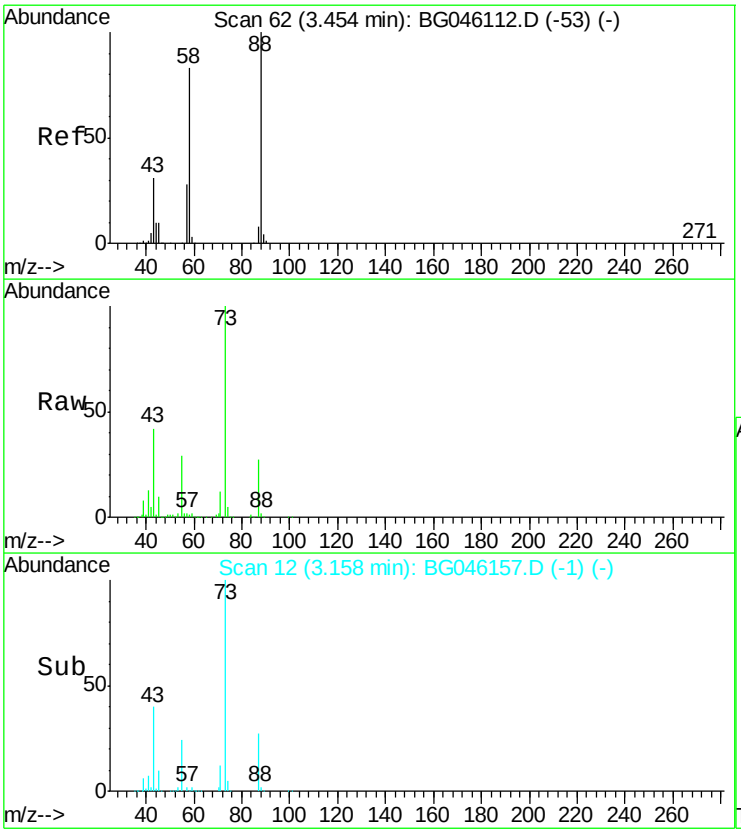
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:152 Resp: 98101

Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.1	183.1
115	54.4	43.2	64.8

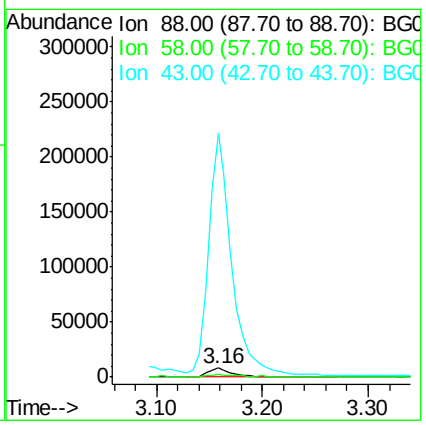


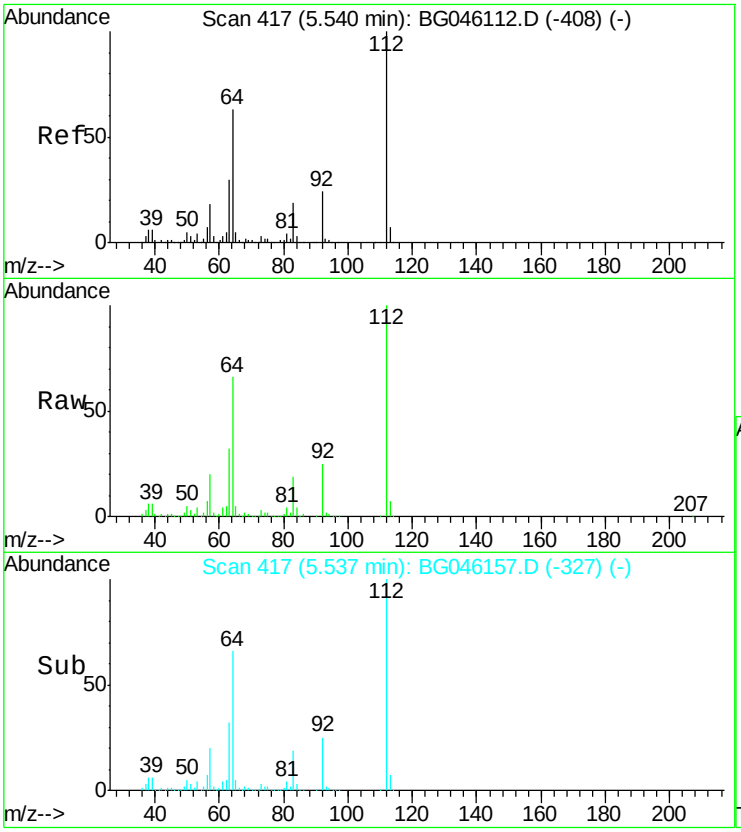


#2
1,4-Dioxane
Concen: 5.444 ng
RT: 3.16 min Scan# 12
Delta R.T. -0.30 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion: 88 Resp: 13983

Ion	Ratio	Lower	Upper
88	100		
58	24.5	66.5	99.7#
43	2374.5	23.8	35.8#



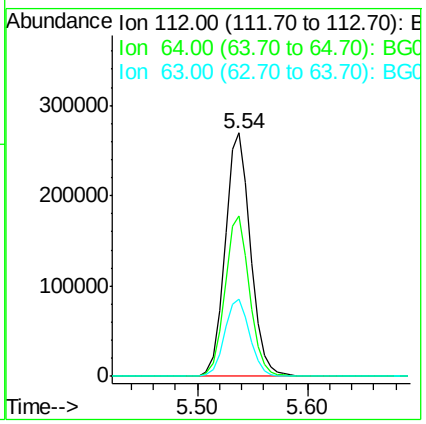


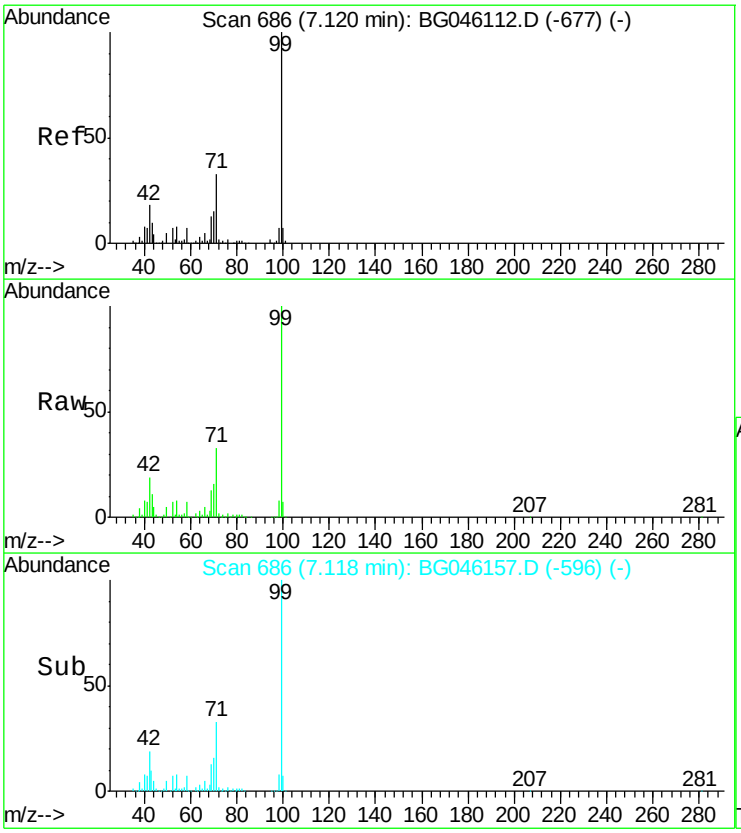
#5
2-Fluorophenol
Concen: 76.454 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:112 Resp: 431451

Ion	Ratio	Lower	Upper
112	100		
64	66.0	50.2	75.2
63	31.6	24.2	36.4

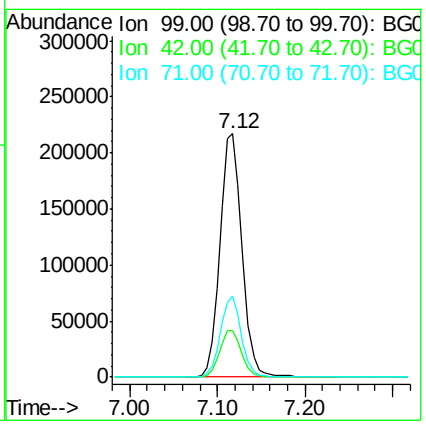


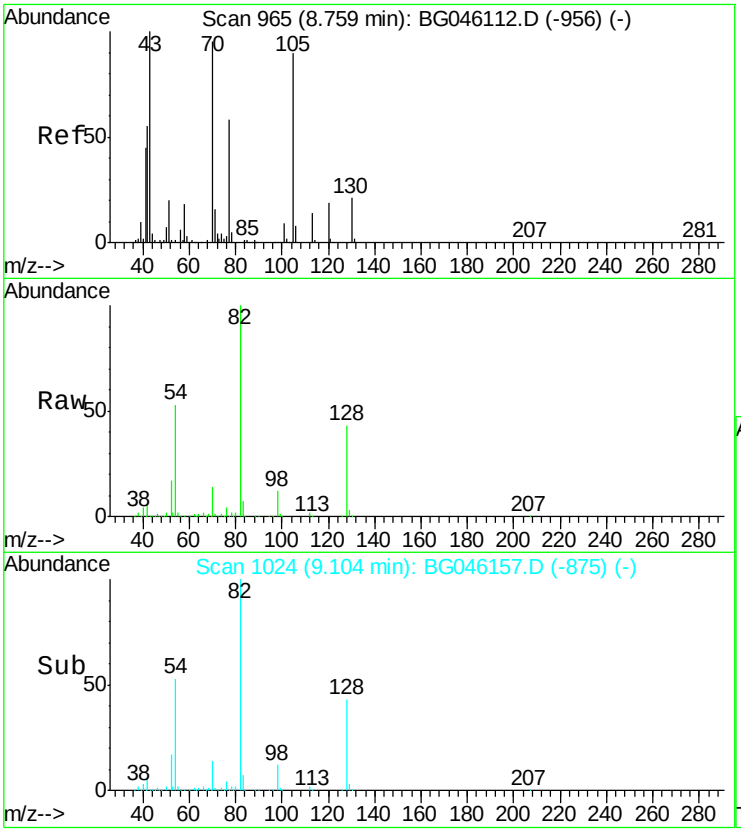


#7
Phenol-d6
Concen: 48.906 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion: 99 Resp: 376138

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.7	22.1
71	33.1	26.5	39.7



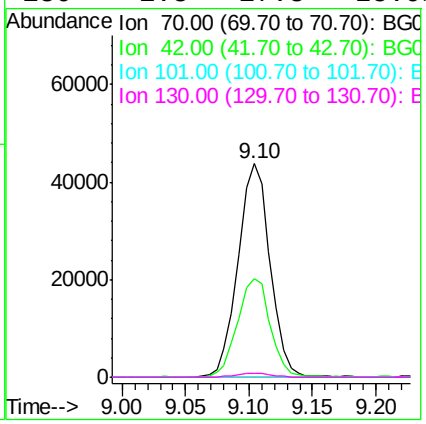


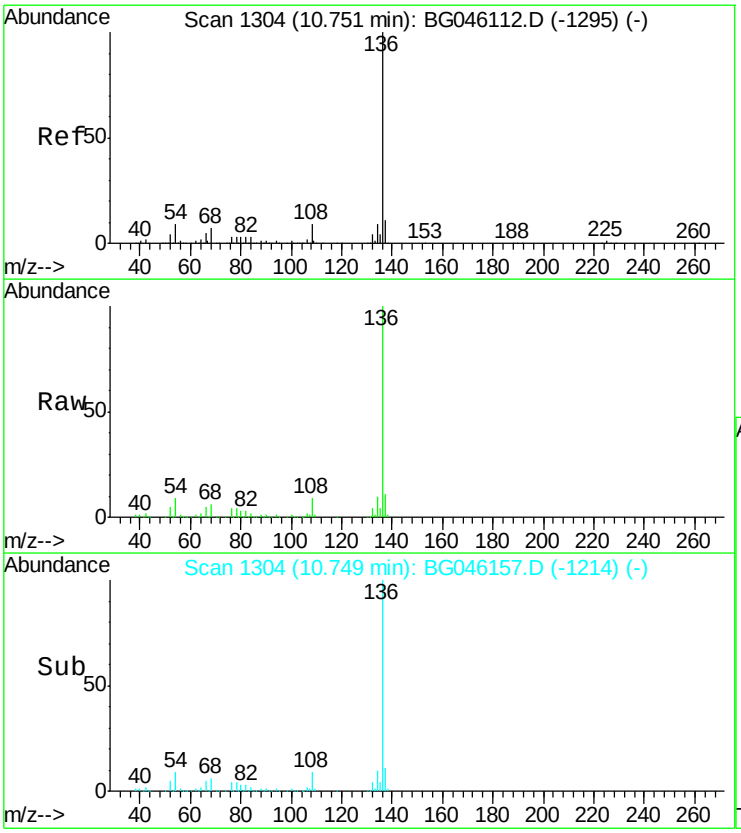
#19
n-Nitroso-di-n-propylamine
Concen: 15.291 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.34 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion: 70 Resp: 76538

Ion	Ratio	Lower	Upper
70	100		
42	46.3	46.5	69.7#
101	0.0	7.6	11.4#
130	1.8	17.3	25.9#

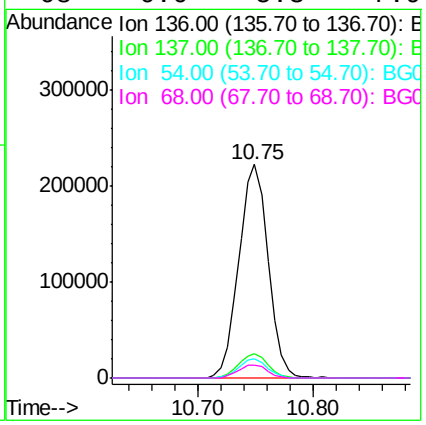


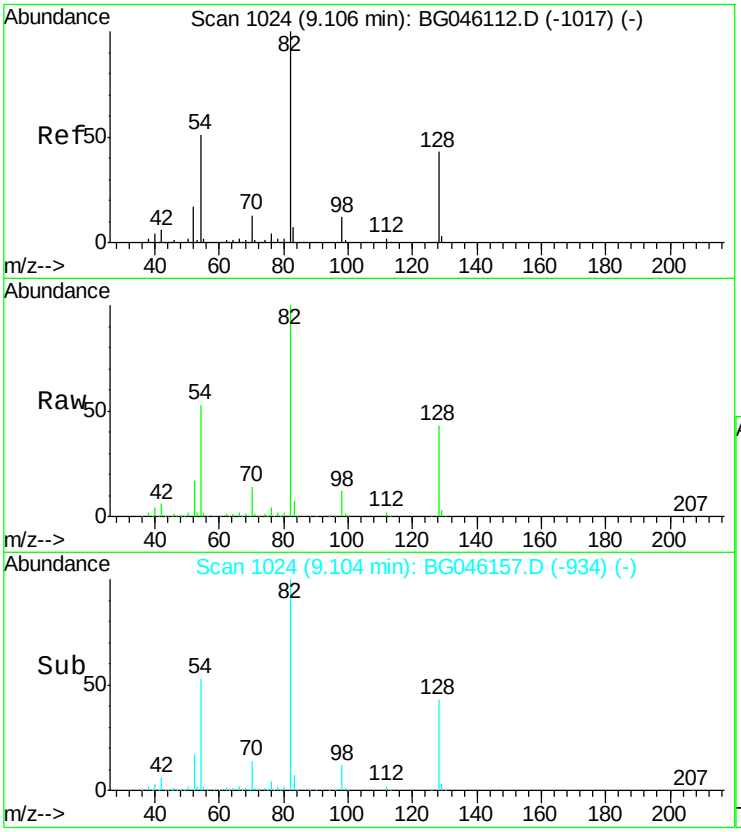


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:136 Resp: 392153

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.2	7.0	10.4
68	6.0	5.3	7.9



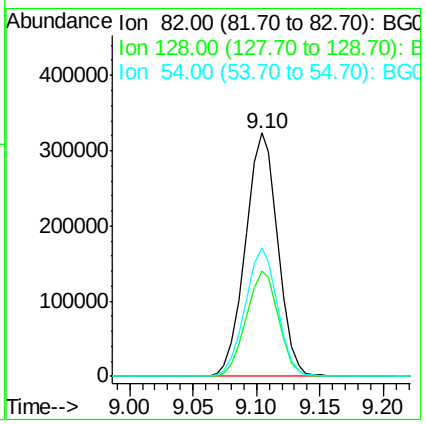


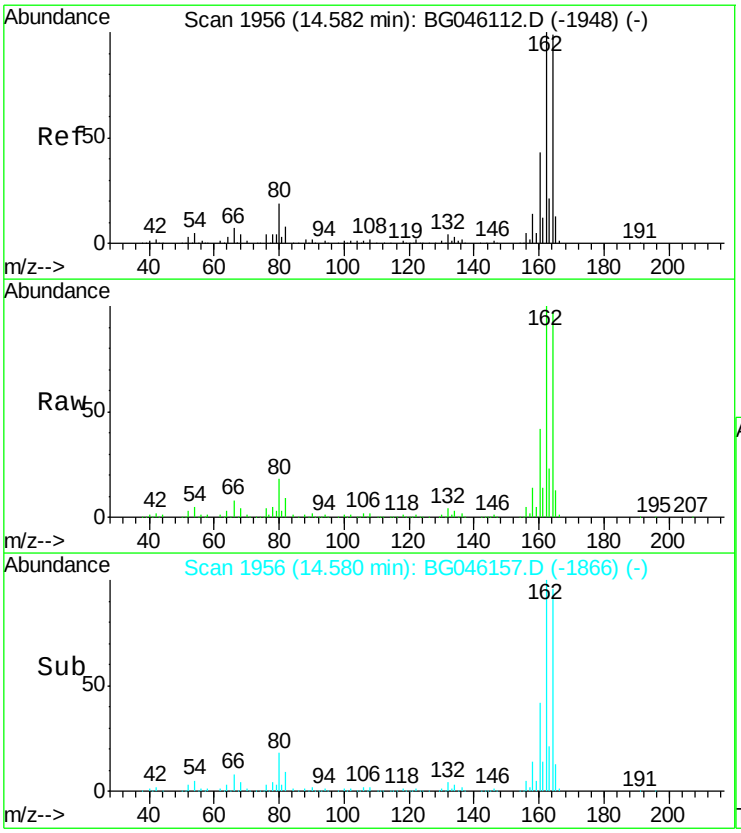
#23
Nitrobenzene-d5
Concen: 79.482 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion: 82 Resp: 575686

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.4	51.6
54	52.6	40.8	61.2

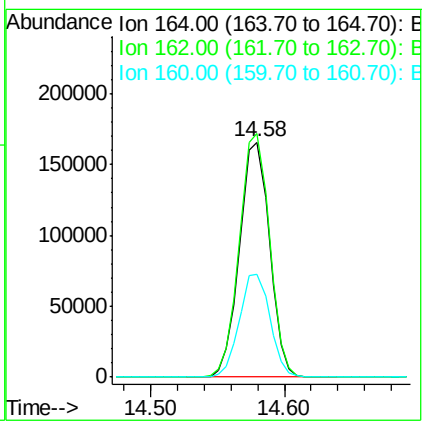


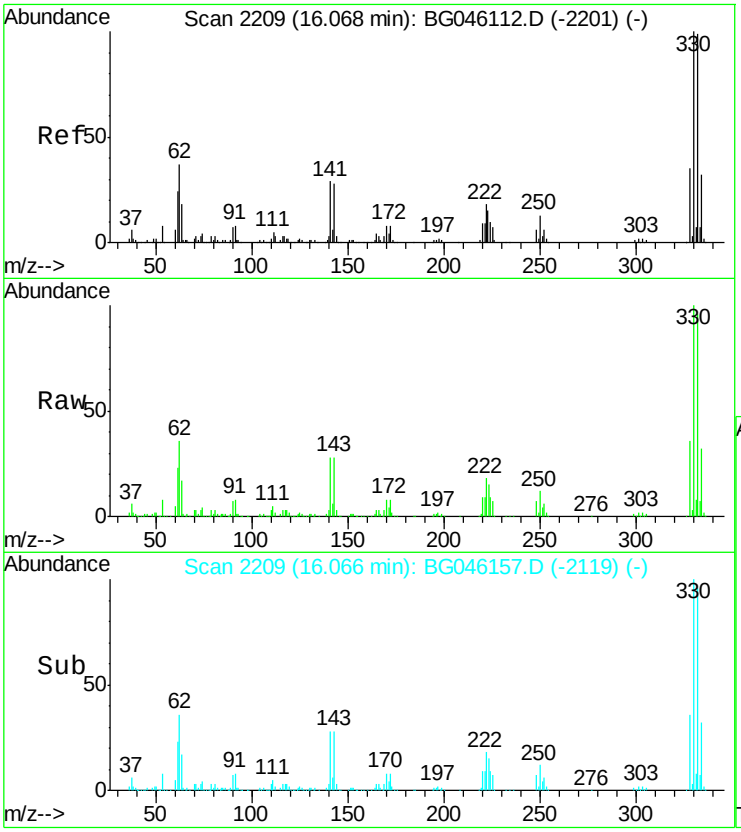


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:164 Resp: 257519

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	121.0
160	43.6	34.9	52.3



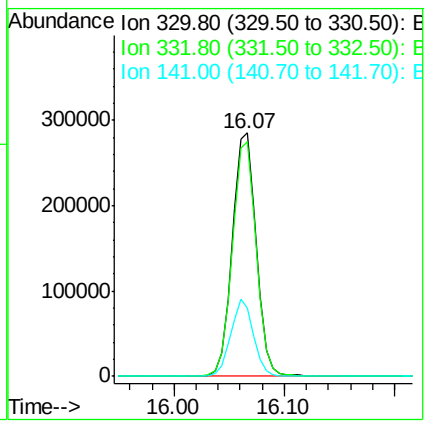


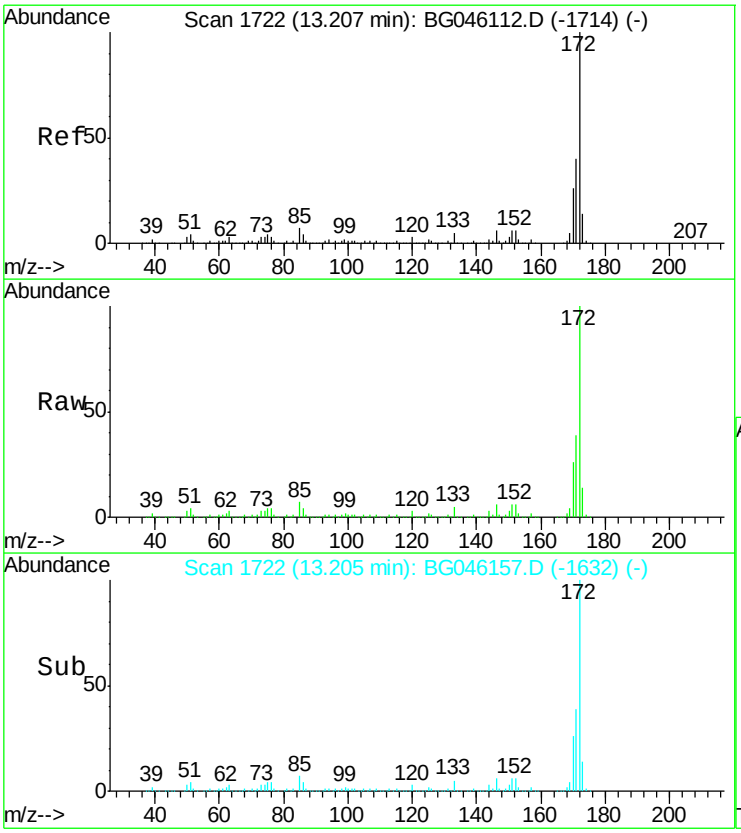
#42
2,4,6-Tribromophenol
Concen: 109.543 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:330 Resp: 433289

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	30.1	23.4	35.0

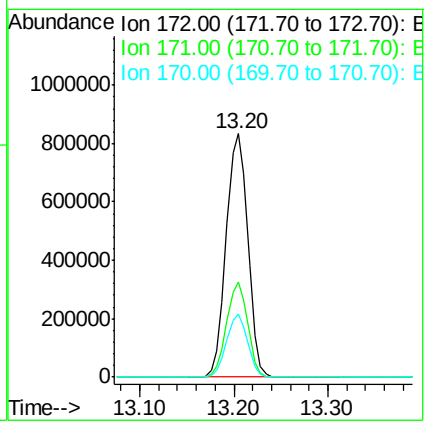


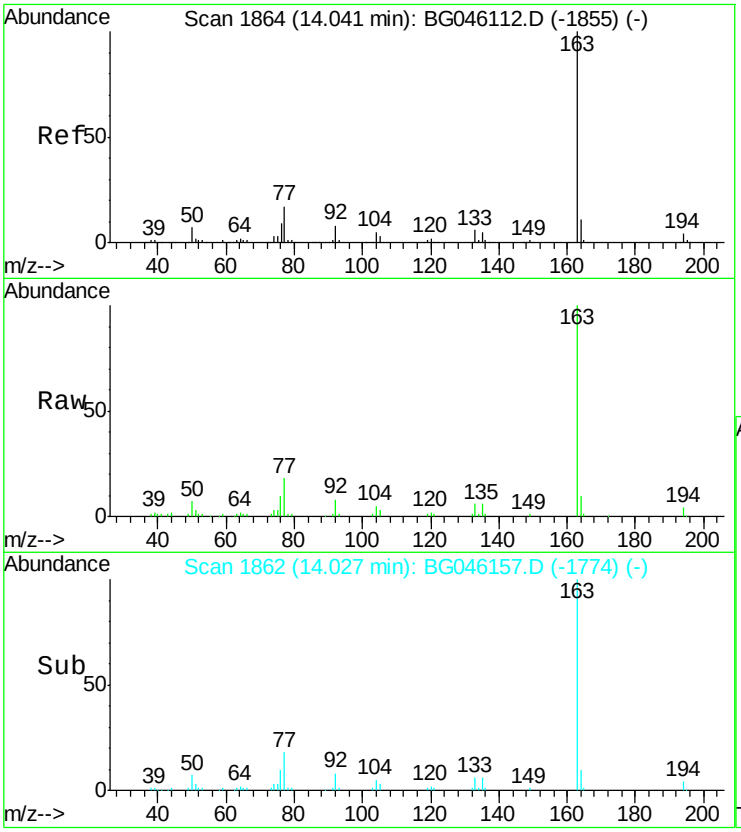


#45
2-Fluorobiphenyl
Concen: 75.303 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:172 Resp: 1334962

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.7	47.5
170	26.1	20.9	31.3



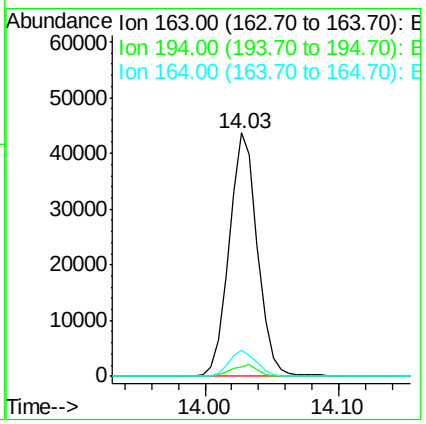


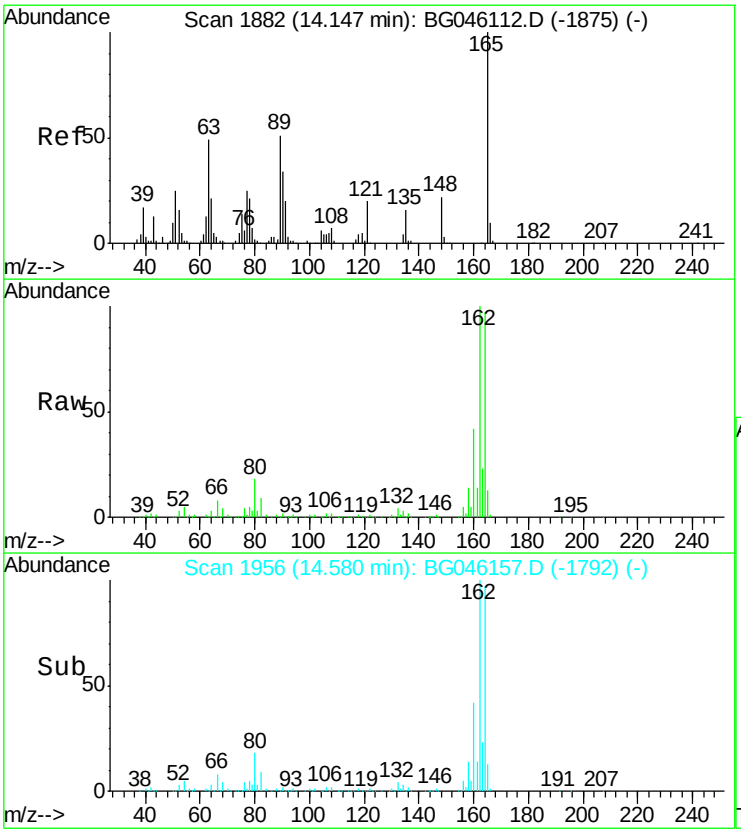
#50
Dimethylphthalate
Concen: 3.259 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:163 Resp: 64419

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.4	8.8	13.2

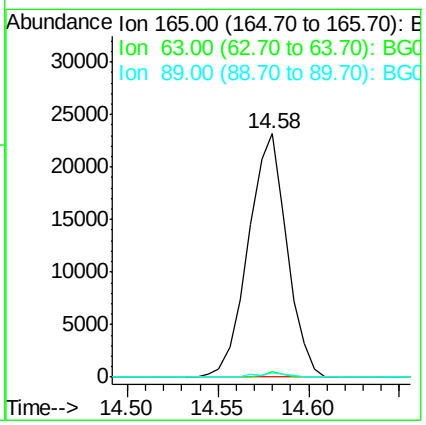


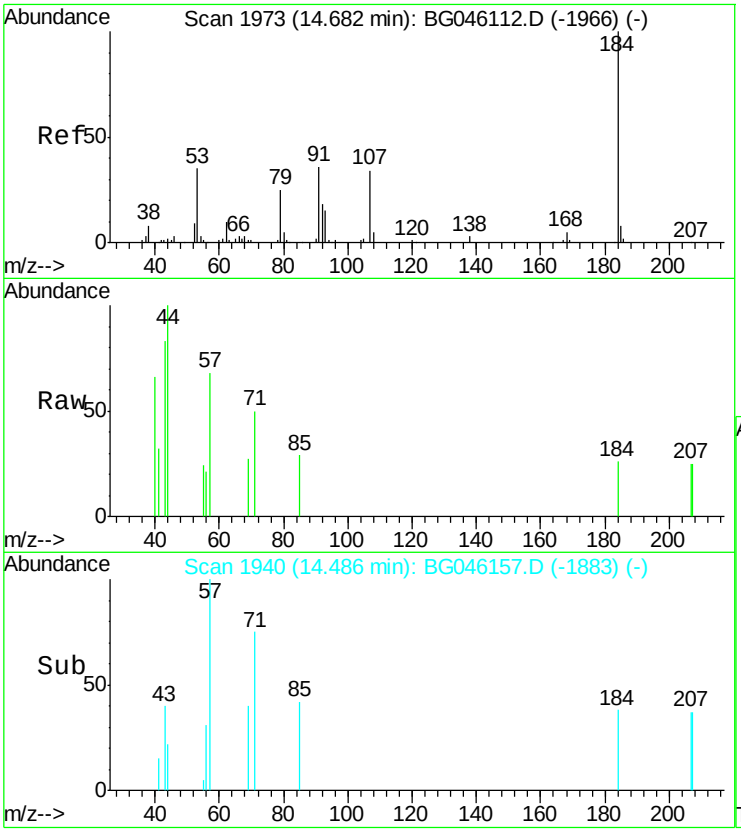


#51
2,6-Dinitrotoluene
Concen: 7.415 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.43 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:165 Resp: 34107

Ion	Ratio	Lower	Upper
165	100		
63	2.0	39.7	59.5#
89	1.9	41.0	61.6#



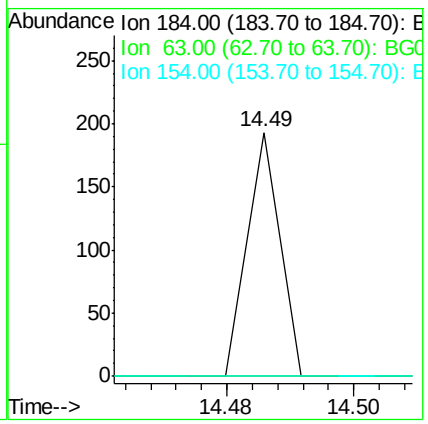


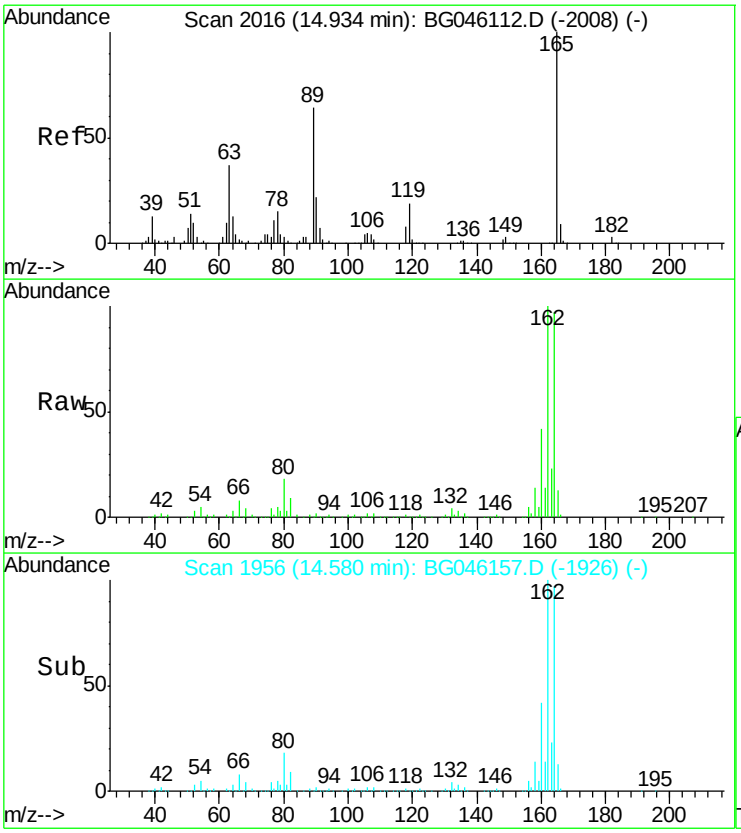
#54
2,4-Dinitrophenol
Concen: 7.088 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.20 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:184 Resp: 68

Ion	Ratio	Lower	Upper
184	100		
63	0.0	36.7	55.1#
154	0.0	41.3	61.9#

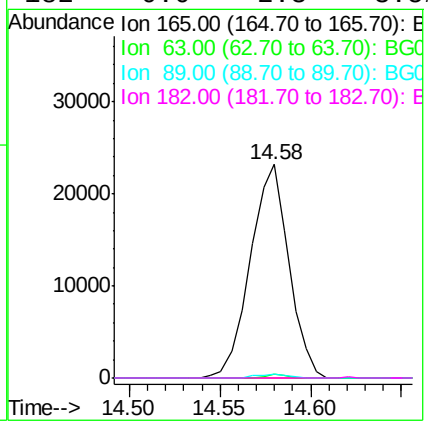


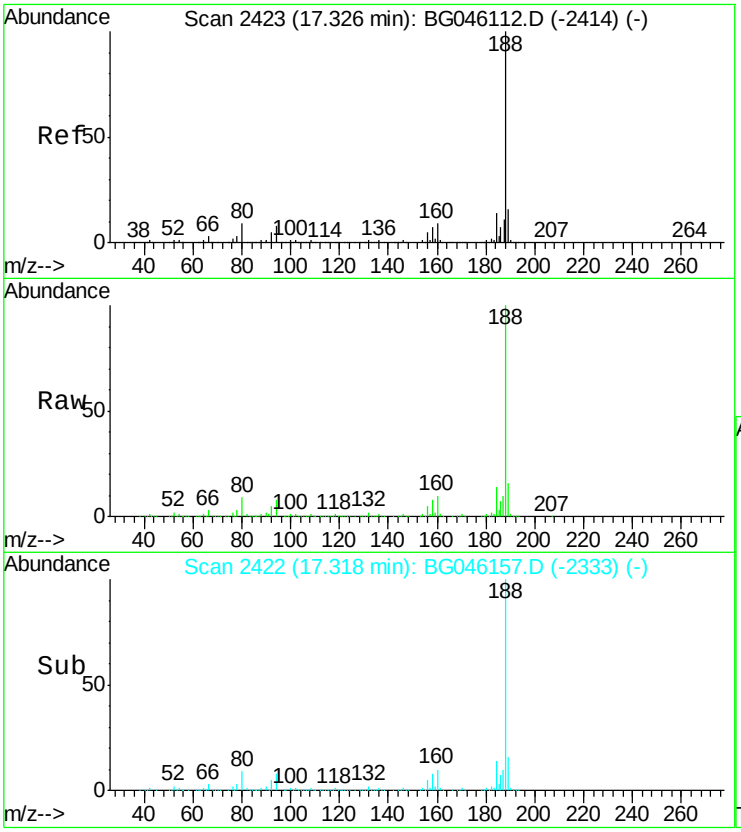


#57
2,4-Dinitrotoluene
Concen: 5.393 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.35 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:165 Resp: 34107

Ion	Ratio	Lower	Upper
165	100		
63	2.0	30.1	45.1#
89	1.9	51.4	77.2#
182	0.0	2.3	3.5#



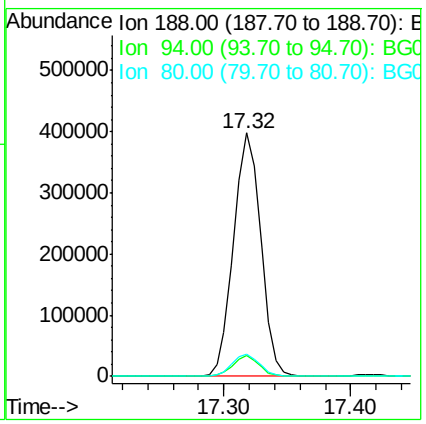


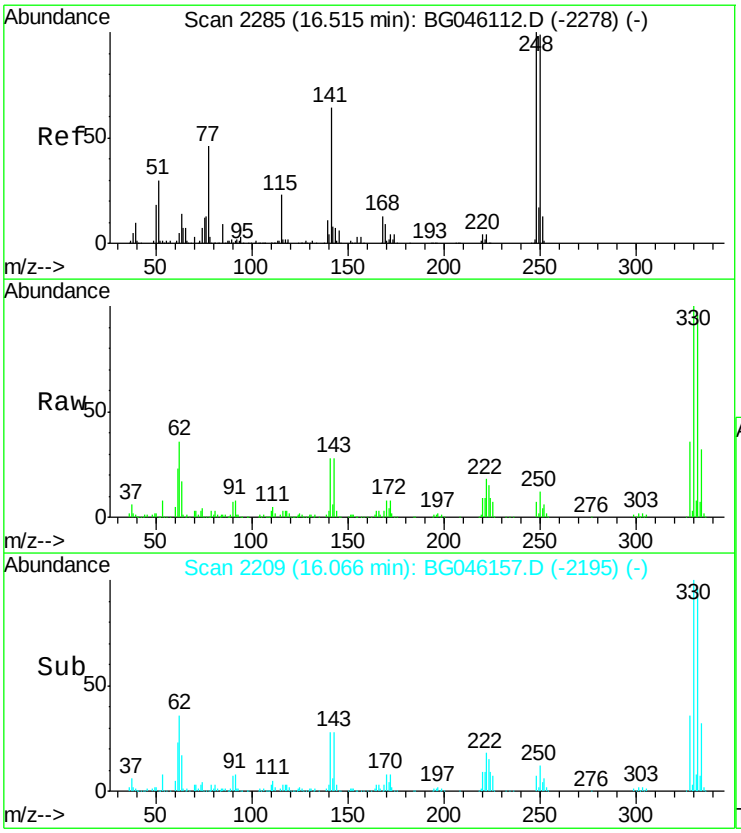
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:188 Resp: 592554

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.1	7.4	11.0

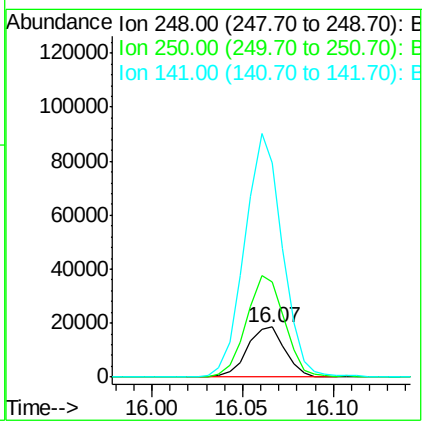


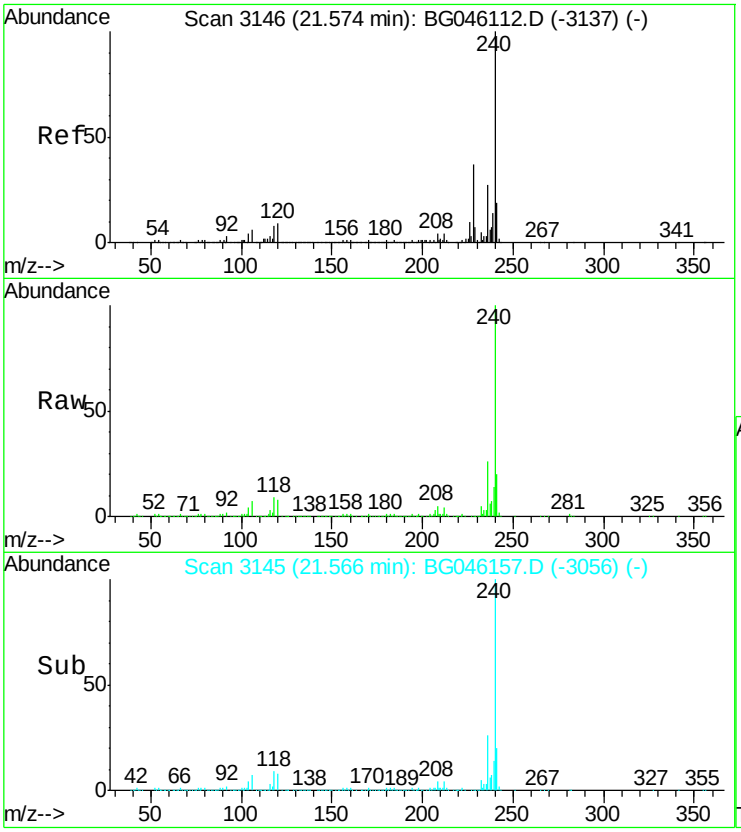


#67
4-Bromophenyl-phenylether
Concen: 3.711 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.45 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:248 Resp: 27163

Ion	Ratio	Lower	Upper
248	100		
250	188.4	79.4	119.0#
141	426.6	50.9	76.3#



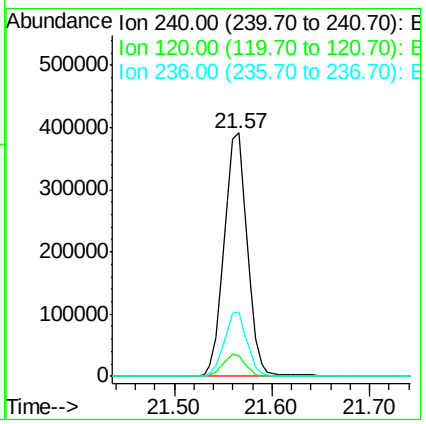


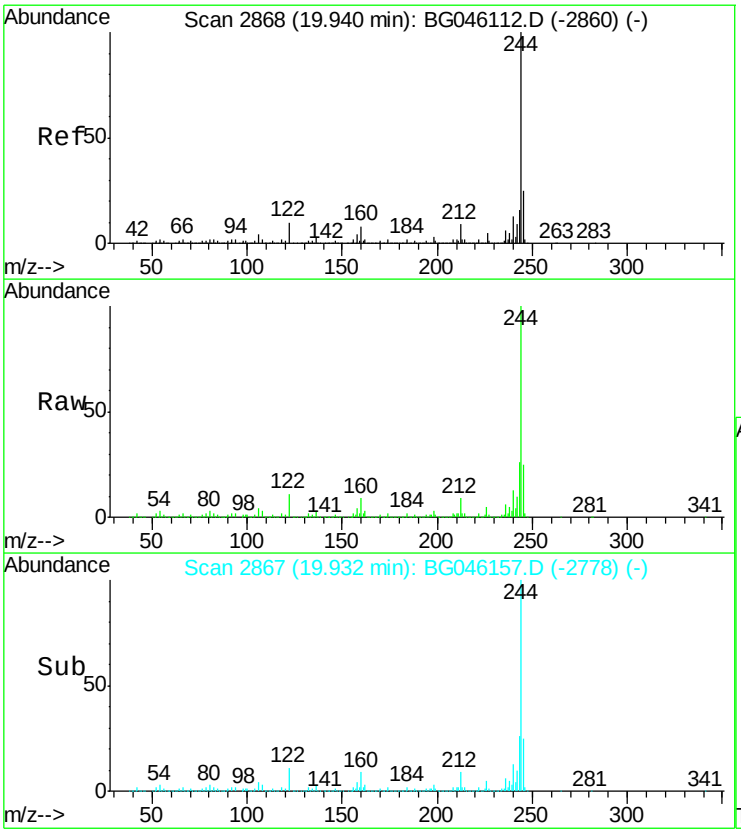
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:240 Resp: 648020

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.1	10.7
236	26.5	21.7	32.5

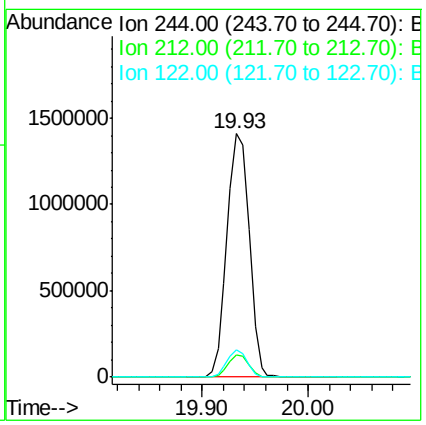


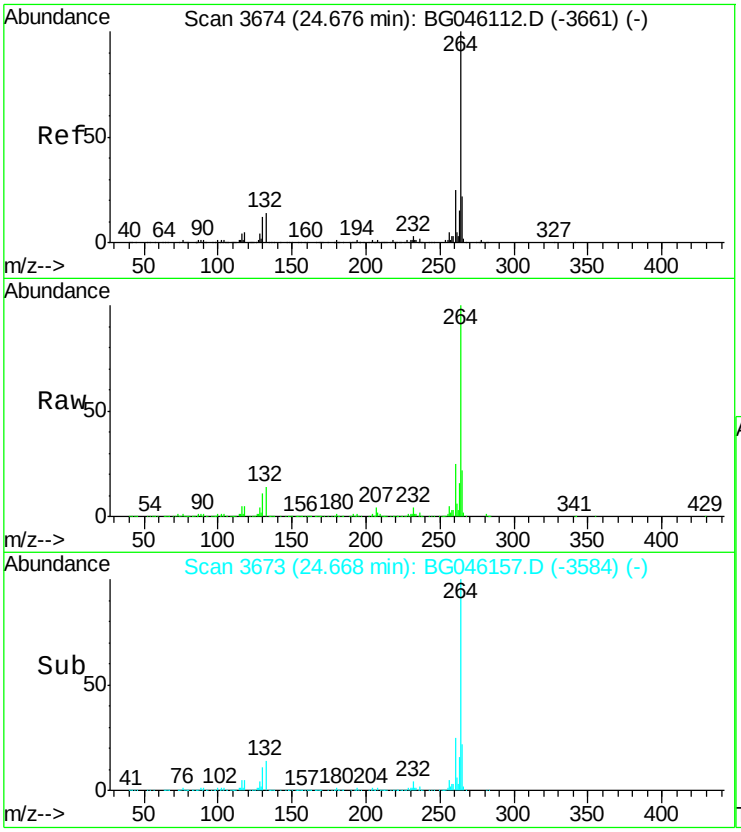


#79
Terphenyl-d14
Concen: 64.728 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Tgt Ion:244 Resp: 2059537

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	11.1	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046157.D
Acq: 3 Aug 2020 20:04

Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Tgt Ion:264 Resp: 671627

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.4	17.6	26.4