Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046613.D
Acq On : 14 Sep 2020 21:32
Operator : CG/JU
Sample : L3863-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-091120

Quant Time: Sep 15 01:27:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65297	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	257736	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	179672	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	454332	20.00	ng	0.00
76) Chrysene-d12	21.55	240	493747	20.00	ng	0.00
86) Perylene-d12	24.65	264	480846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	698344	189.43	ng	0.00
7) Phenol-d6	7.10	99	830828	158.97	ng	0.00
23) Nitrobenzene-d5	9.08	82	687253	152.40	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	506464	208.04	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1660833	141.11	ng	0.00
79) Terphenyl-d14	19.92	244	2660011	114.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	6806	4.437	ng	# 1
10) Phenol	7.13	94	15880	3.299	ng	# 68
19) n-Nitroso-di-n-propylamine	9.08	70	87811	28.090	ng	# 75
50) Dimethylphthalate	14.01	163	137568	9.897	ng	98
57) 2,4-Dinitrotoluene	14.55	165	23702	5.425	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	38898	7.338	ng	# 1
77) Benzidine	19.92	184	48410	4.219	ng	# 95

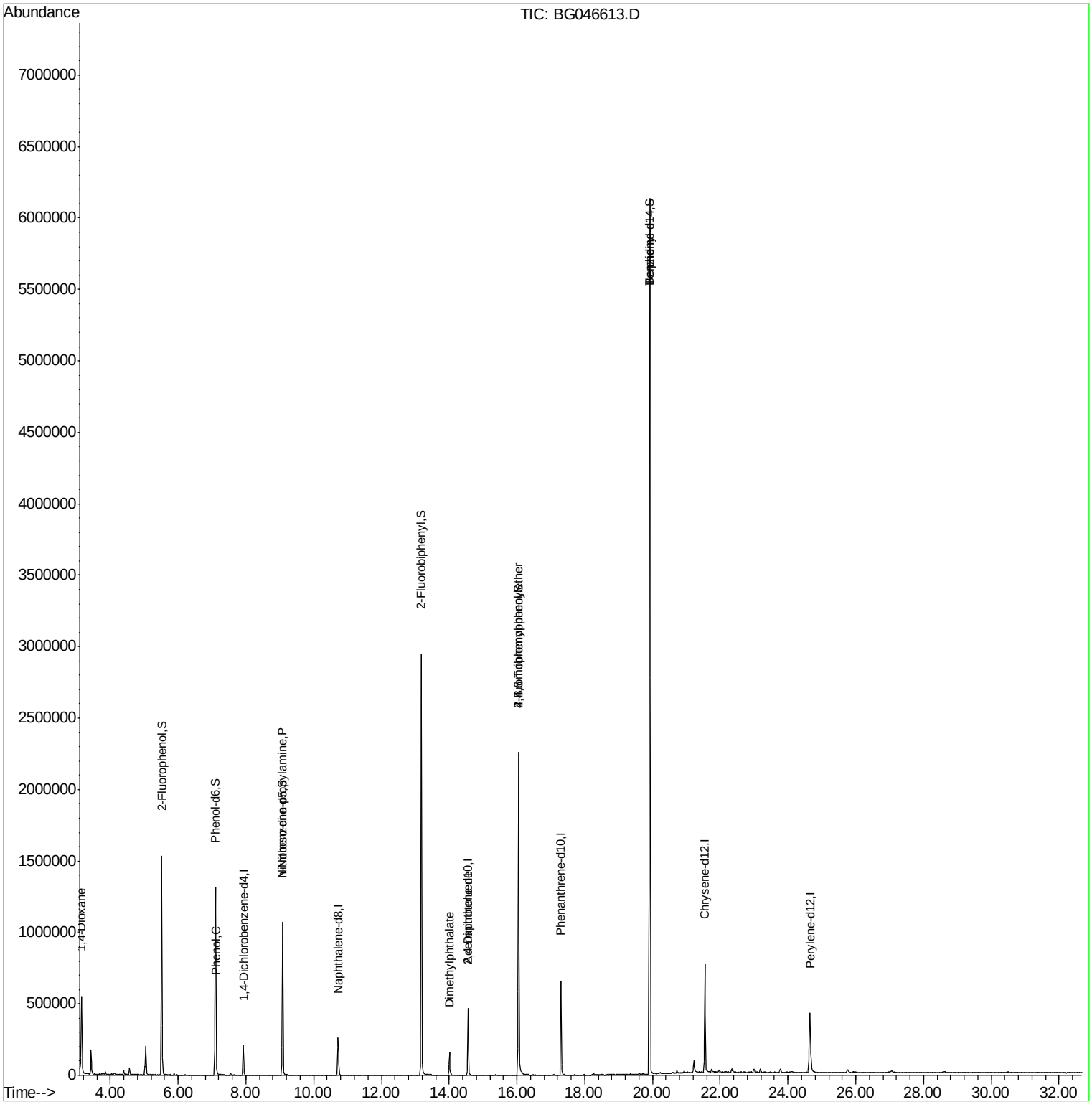
(#) = qualifier out of range (m) = manual integration (+) = signals summed

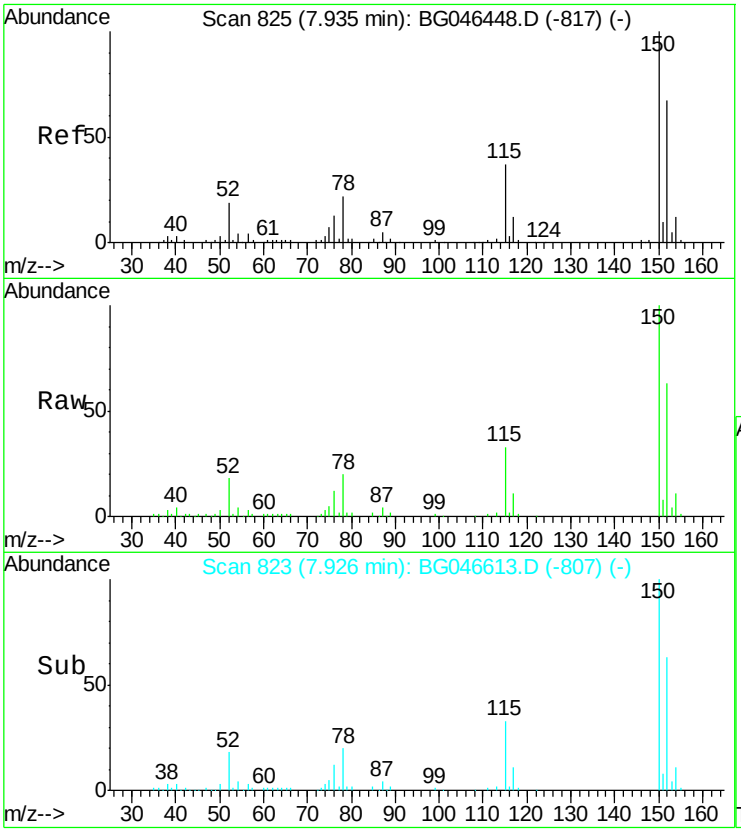
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046613.D
Acq On : 14 Sep 2020 21:32
Operator : CG/JU
Sample : L3863-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-091120

Quant Time: Sep 15 01:27:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



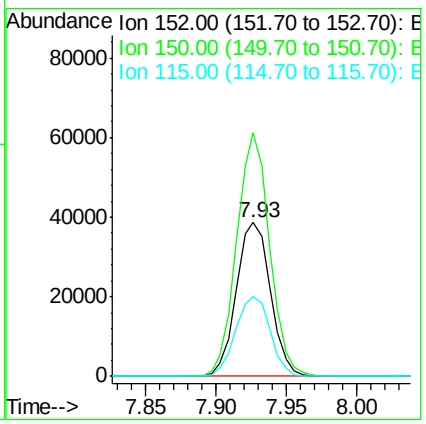


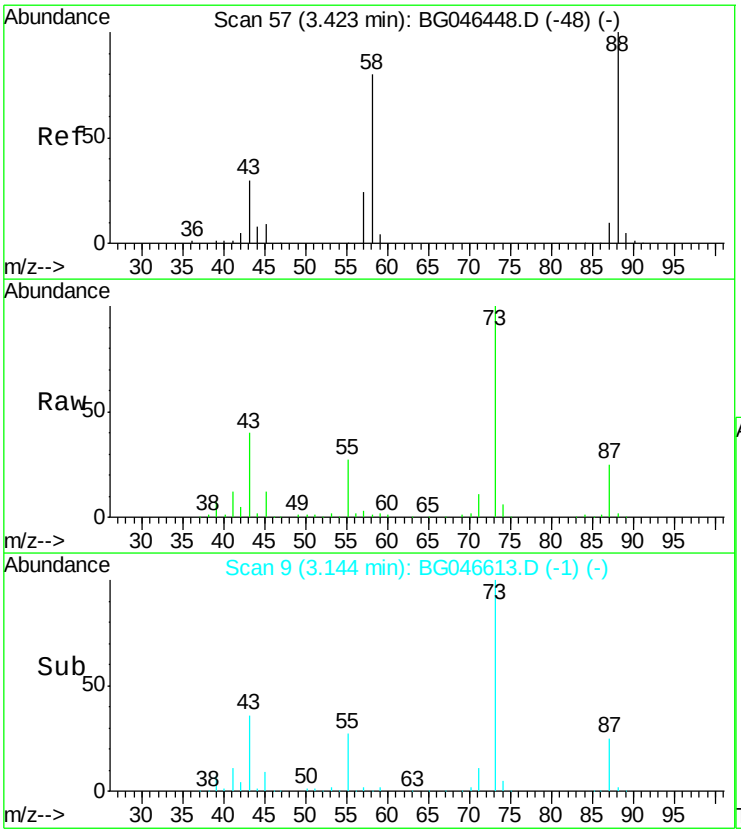
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:152 Resp: 65297

Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	52.2	44.3	66.5

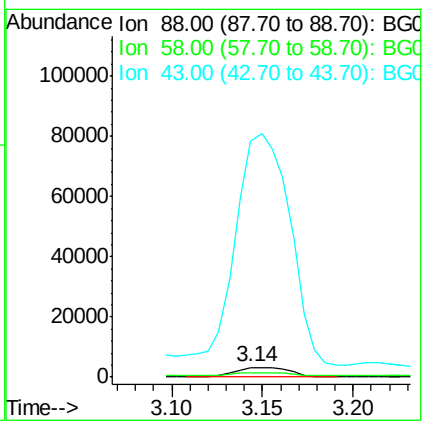


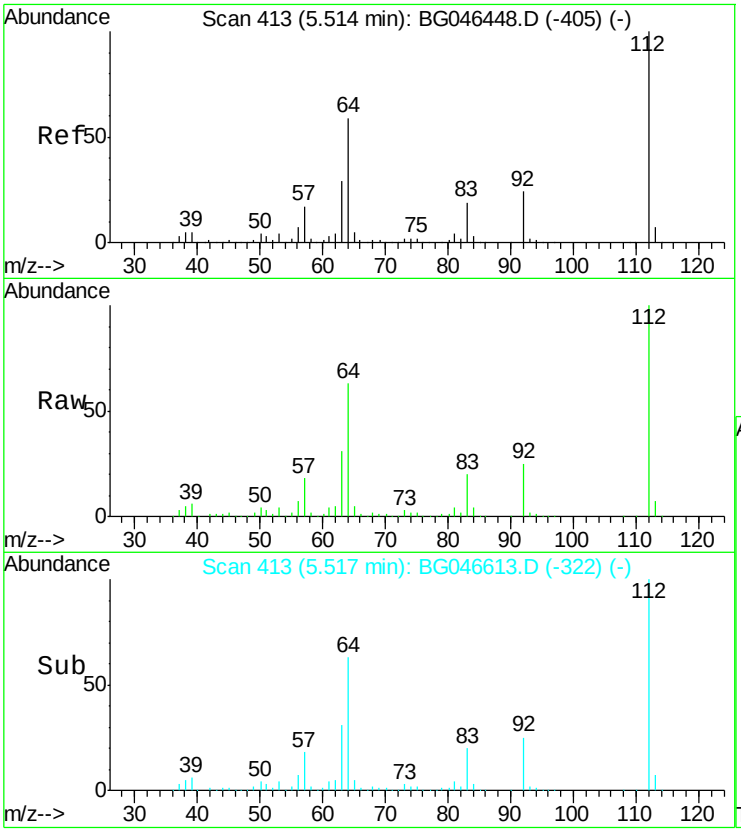


#2
1,4-Dioxane
Concen: 4.437 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.28 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion: 88 Resp: 6806

Ion	Ratio	Lower	Upper
88	100		
58	37.0	61.4	92.2#
43	2350.4	21.6	32.4#



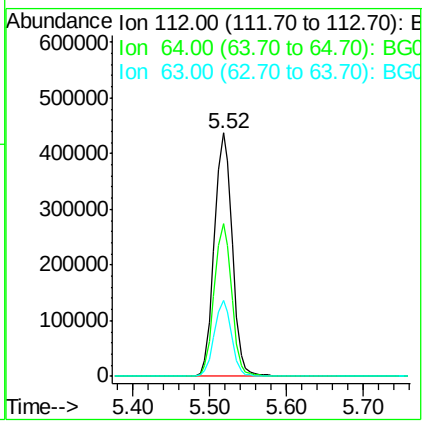


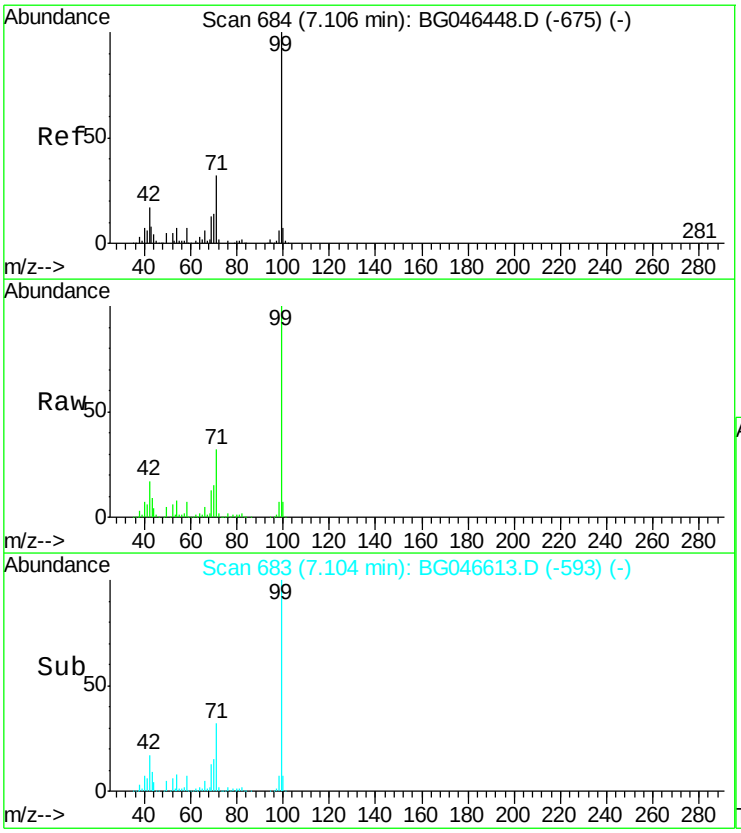
#5
2-Fluorophenol
Concen: 189.426 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:112 Resp: 698344

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.0	70.6
63	31.0	23.5	35.3

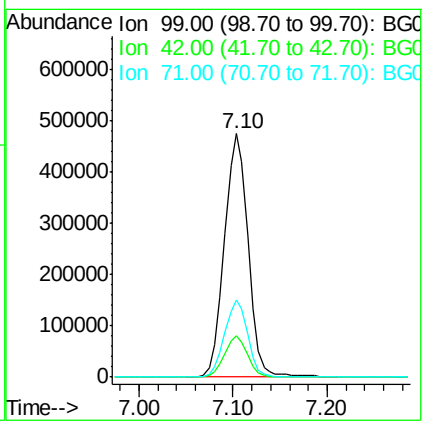


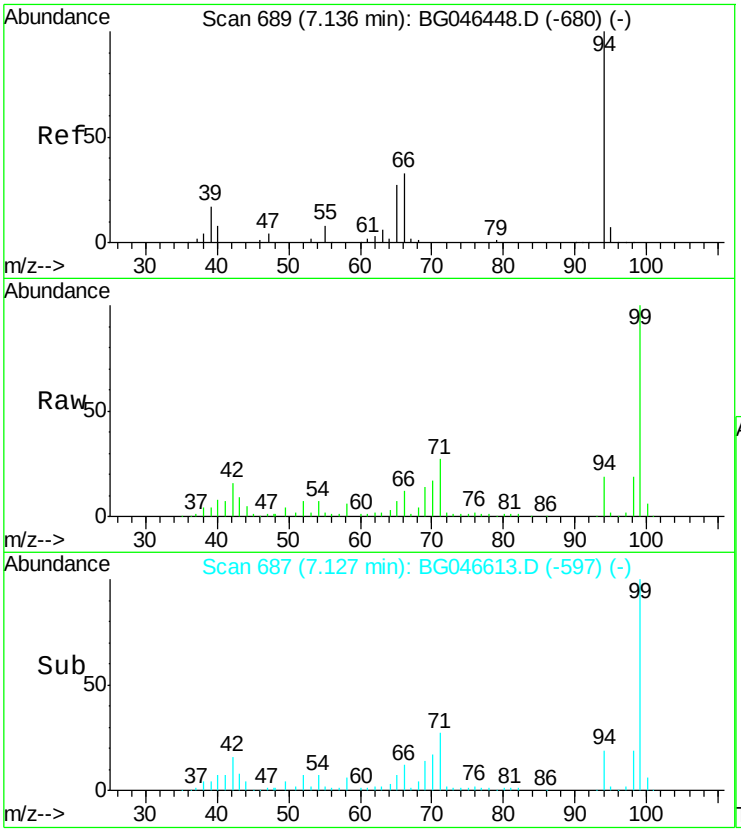


#7
Phenol-d6
Concen: 158.974 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion: 99 Resp: 830828

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.3	19.9
71	31.7	25.3	37.9



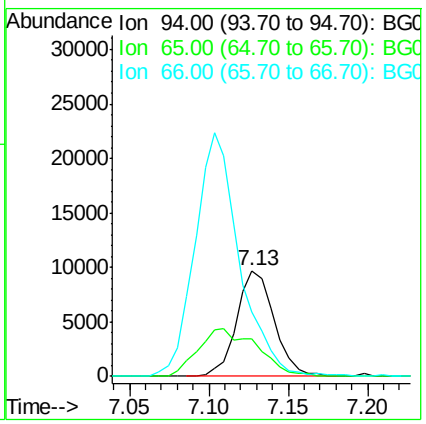


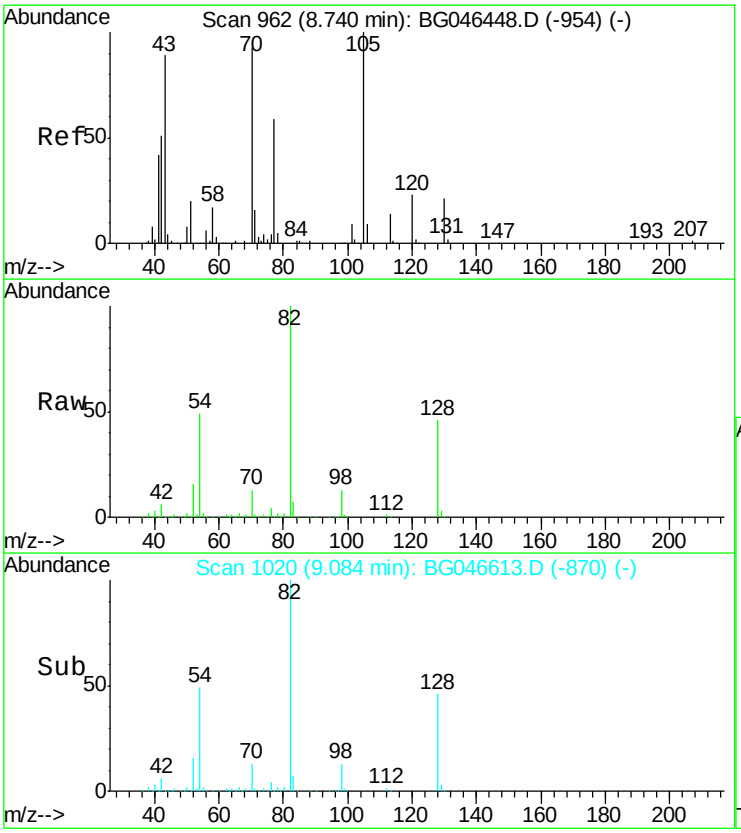
#10
Phenol
Concen: 3.299 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion: 94 Resp: 15880

Ion	Ratio	Lower	Upper
94	100		
65	35.2	7.5	47.5
66	60.6	14.1	54.1#

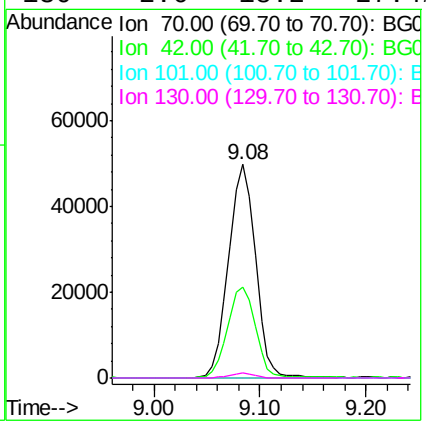


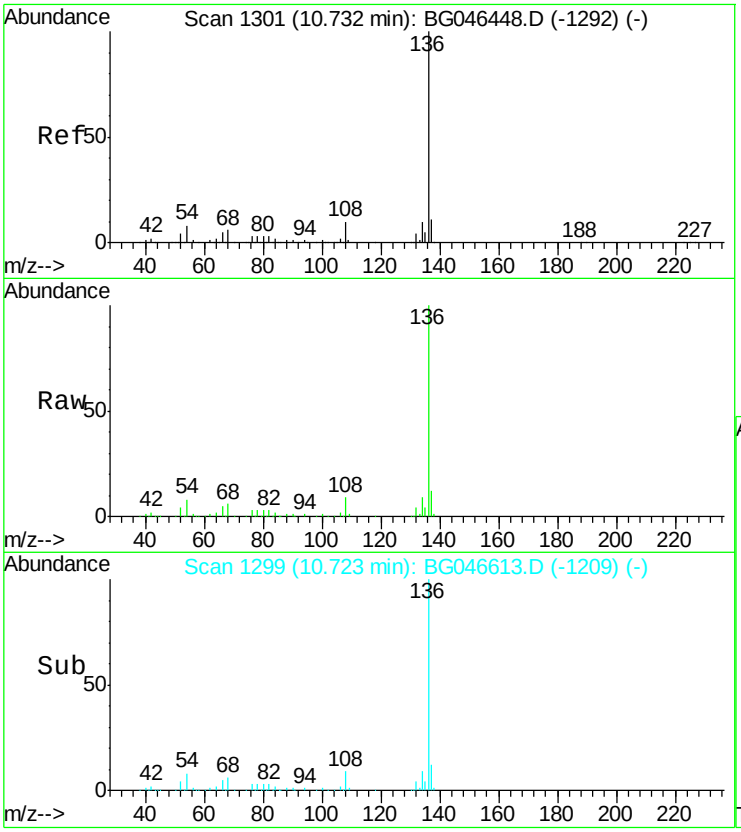


#19
n-Nitroso-di-n-propylamine
Concen: 28.090 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion: 70 Resp: 87811

Ion	Ratio	Lower	Upper
70	100		
42	42.4	44.2	66.2#
101	0.0	7.8	11.8#
130	2.6	18.2	27.4#



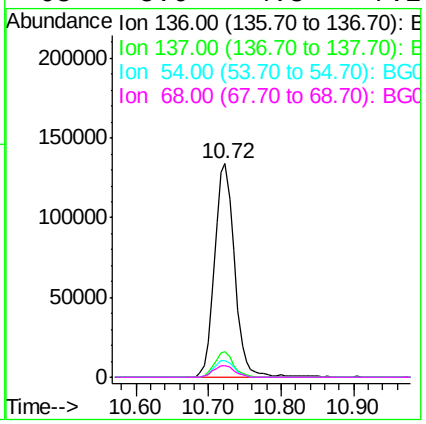


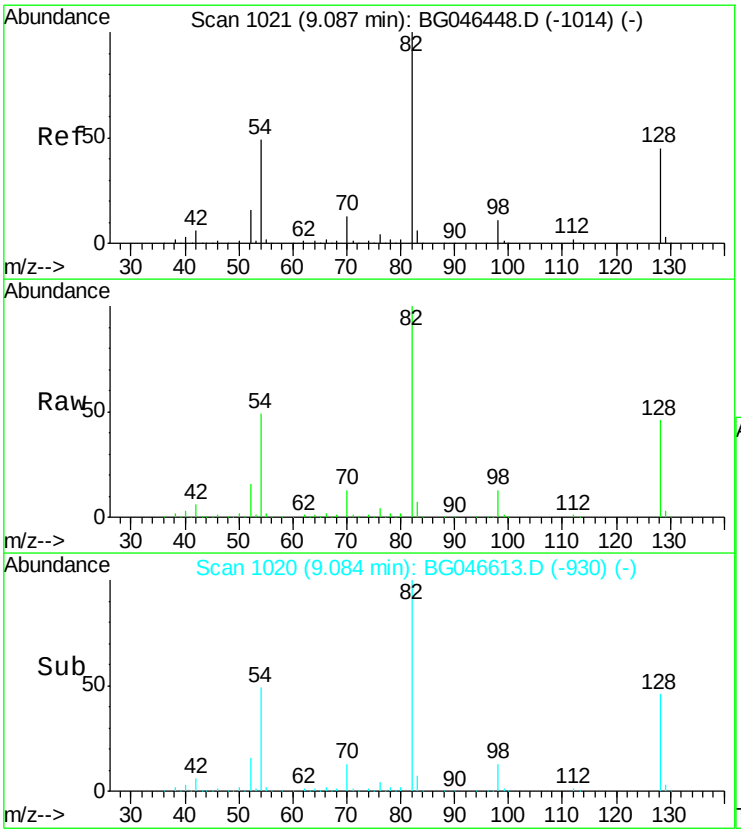
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:136 Resp: 257736

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.8	6.1	9.1
68	5.6	4.8	7.2

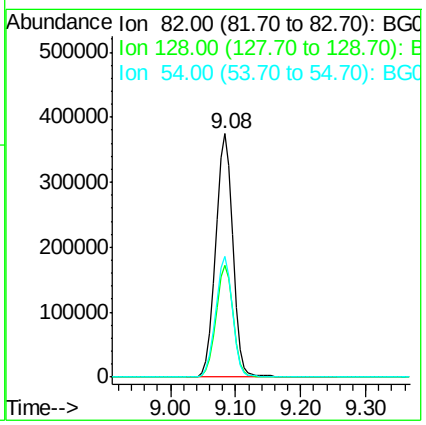


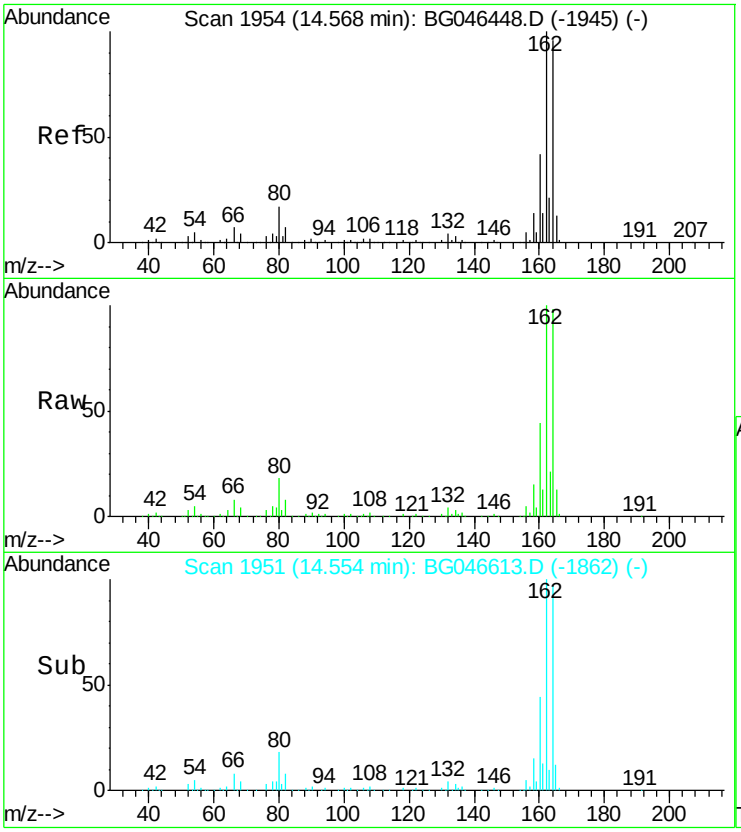


#23
Nitrobenzene-d5
Concen: 152.404 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion: 82 Resp: 687253

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	49.5	39.4	59.0



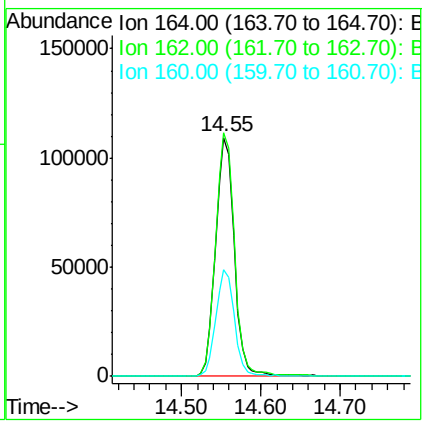


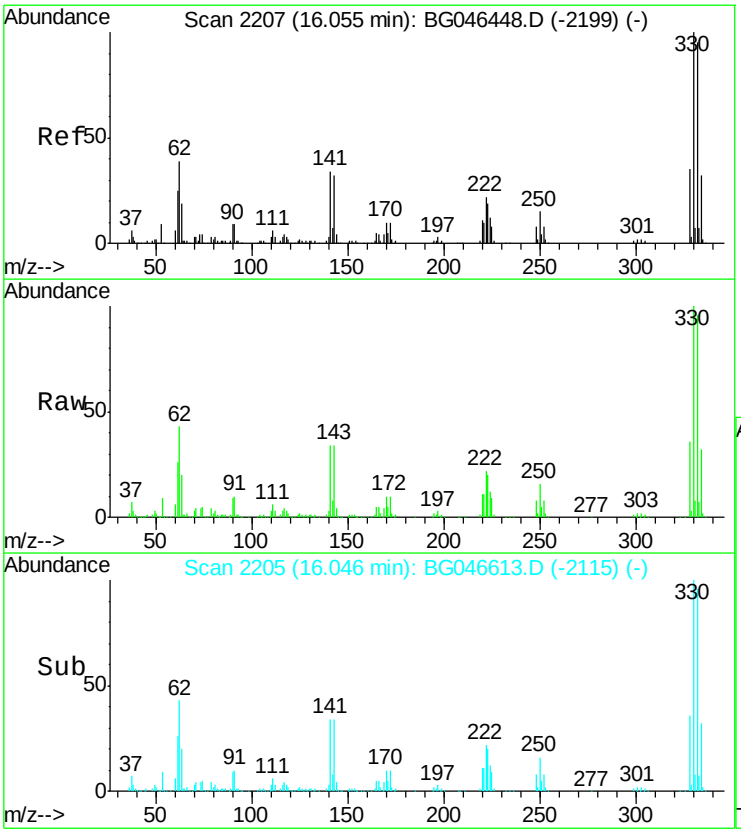
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:164 Resp: 179672

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.3	124.9
160	44.7	35.0	52.6

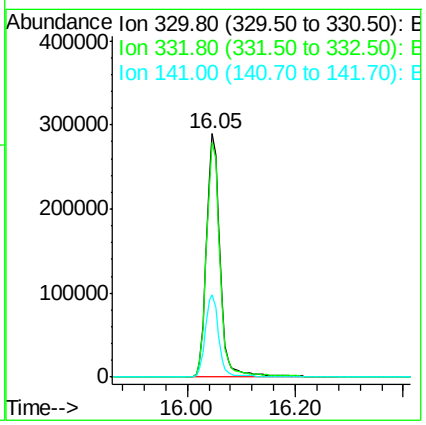


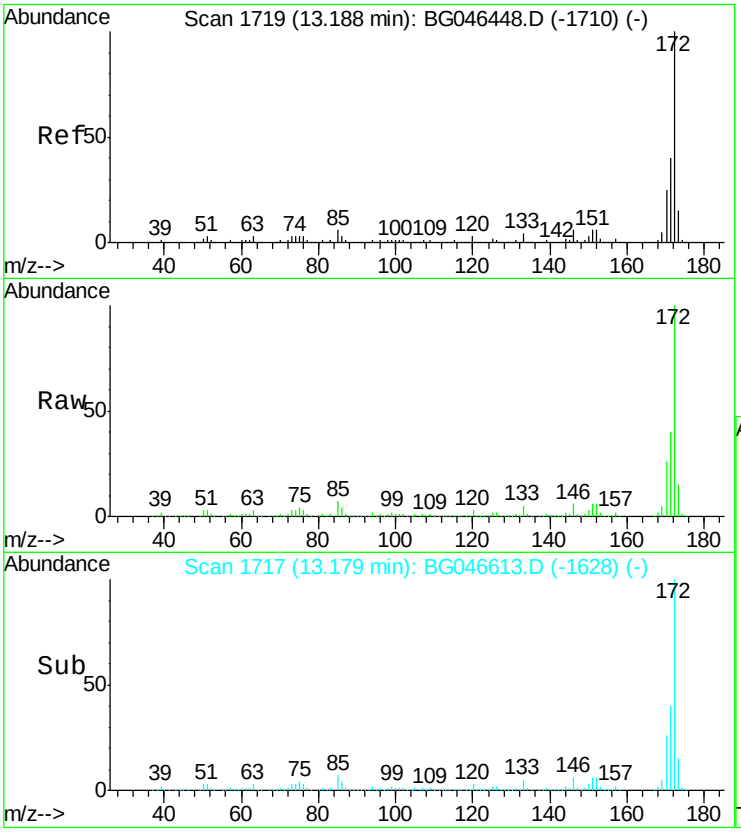


#42
2,4,6-Tribromophenol
Concen: 208.042 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:330 Resp: 506464

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	33.7	26.1	39.1



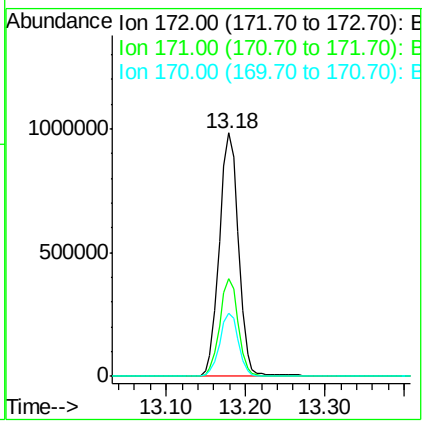


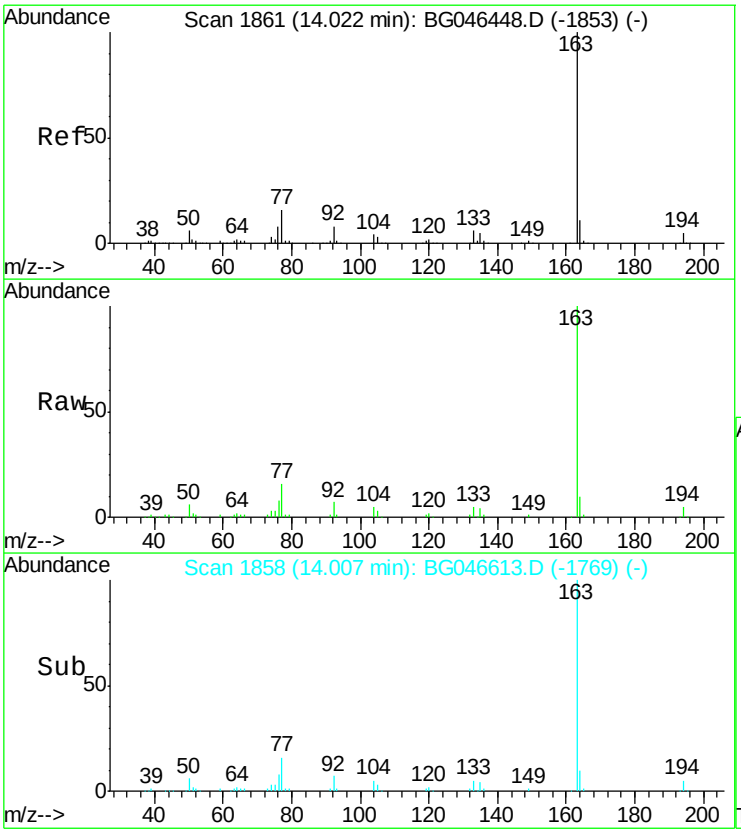
#45
2-Fluorobiphenyl
Concen: 141.111 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:172 Resp: 1660833

Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.8	47.6
170	26.1	20.3	30.5

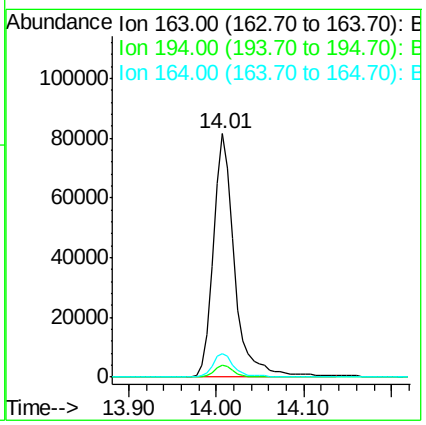


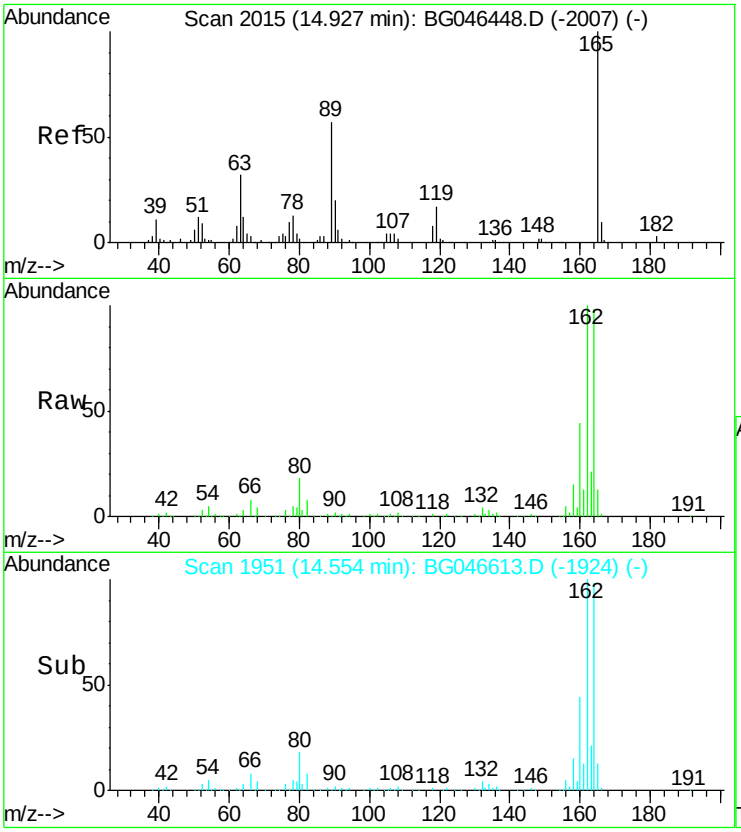


#50
Dimethylphthalate
Concen: 9.897 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:163 Resp: 137568

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	9.7	8.6	12.8



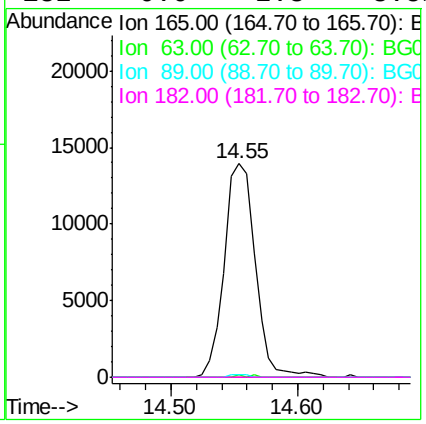


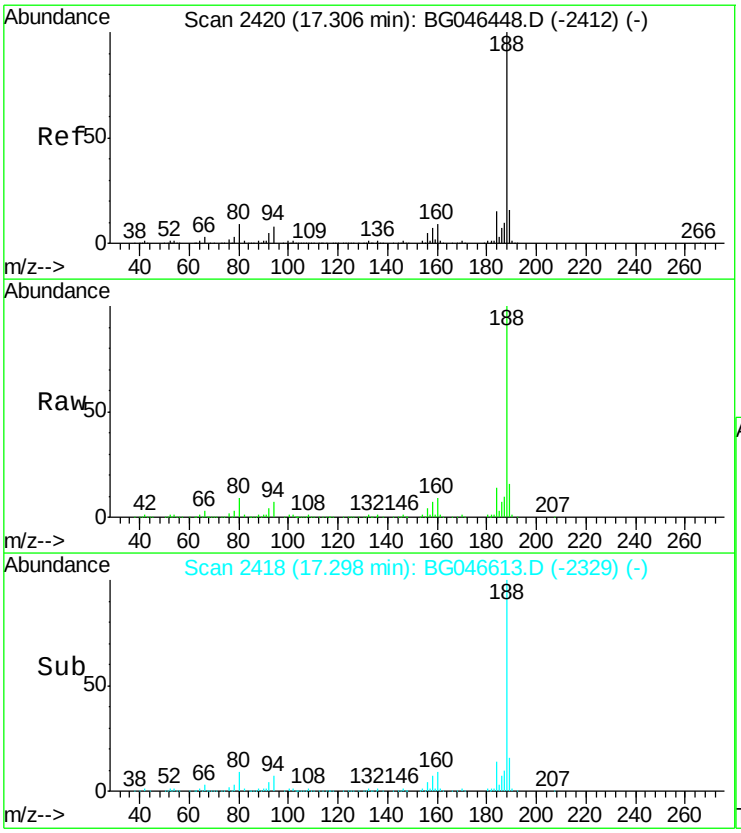
#57
2,4-Dinitrotoluene
Concen: 5.425 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.37 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:165 Resp: 23702

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.1	45.9	68.9#
182	0.0	2.3	3.5#

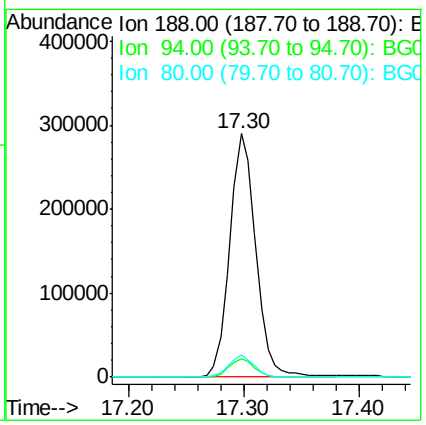


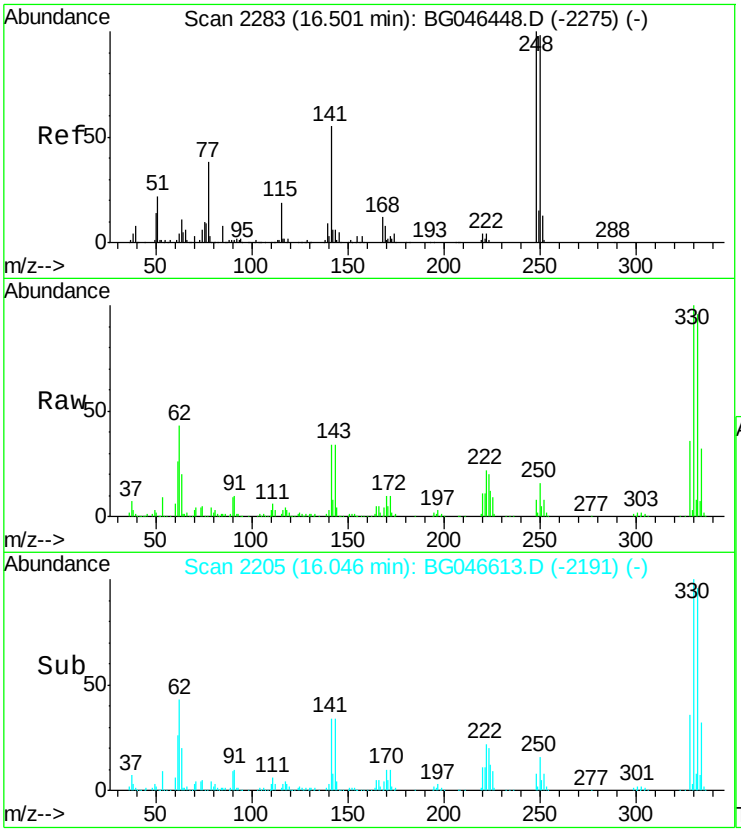


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:188 Resp: 454332

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.9	6.9	10.3



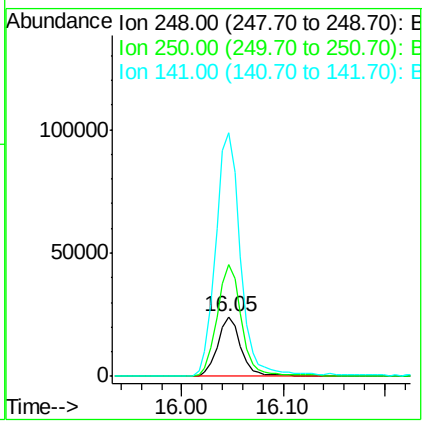


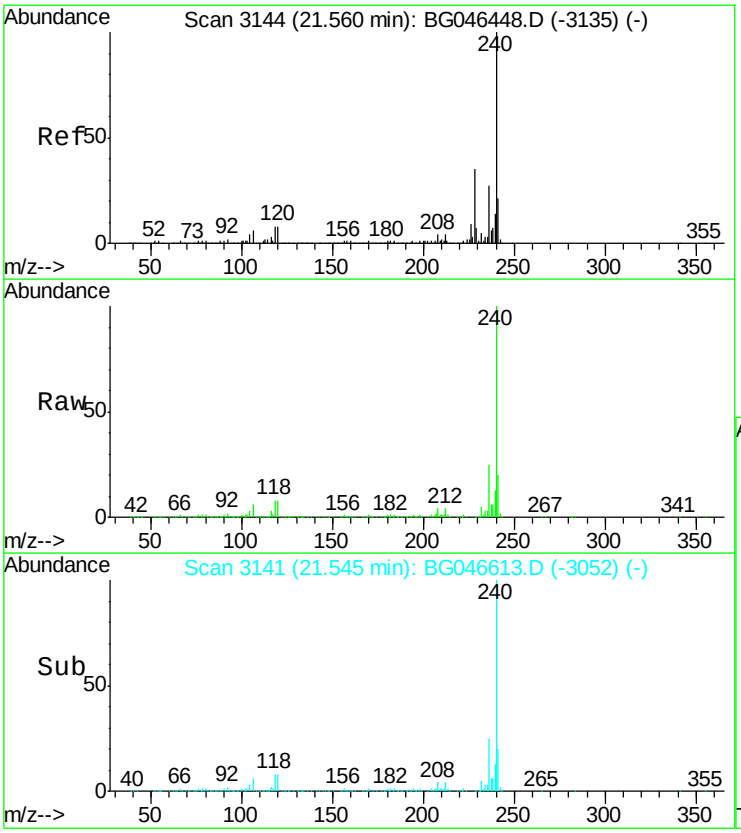
#67
4-Bromophenyl-phenylether
Concen: 7.338 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:248 Resp: 38898

Ion	Ratio	Lower	Upper
248	100		
250	186.5	78.6	118.0#
141	407.0	43.9	65.9#

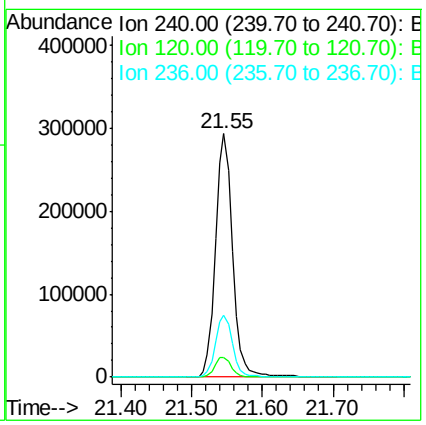


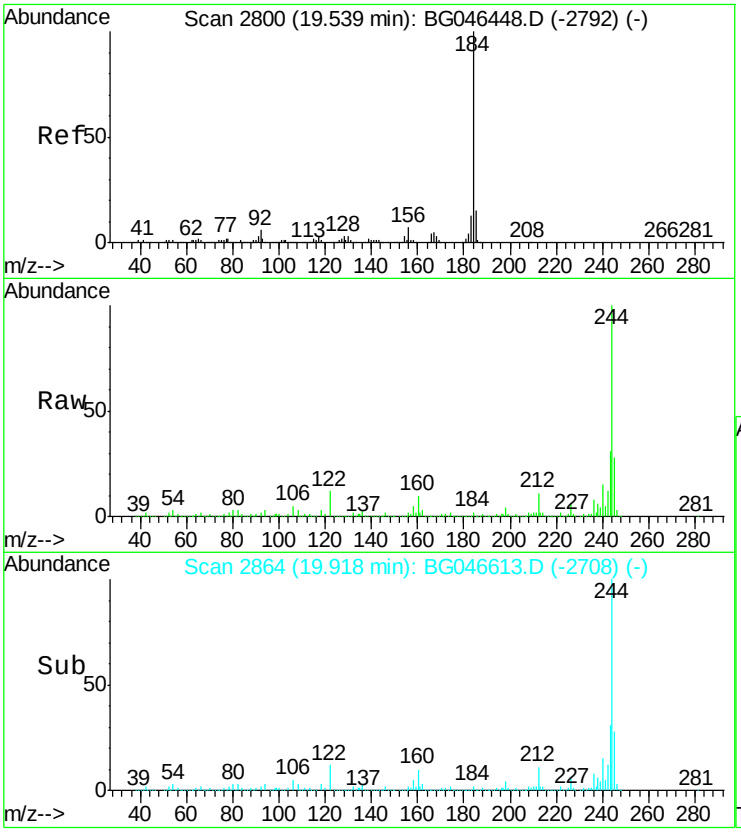


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:240 Resp: 493747

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	25.4	21.4	32.2



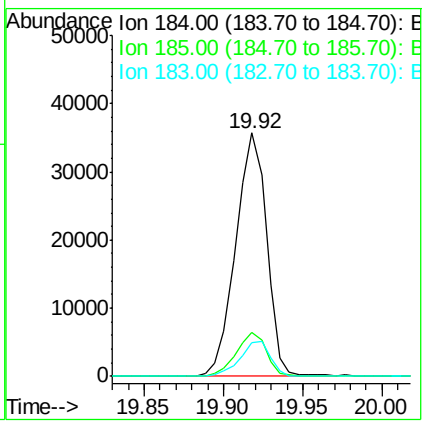


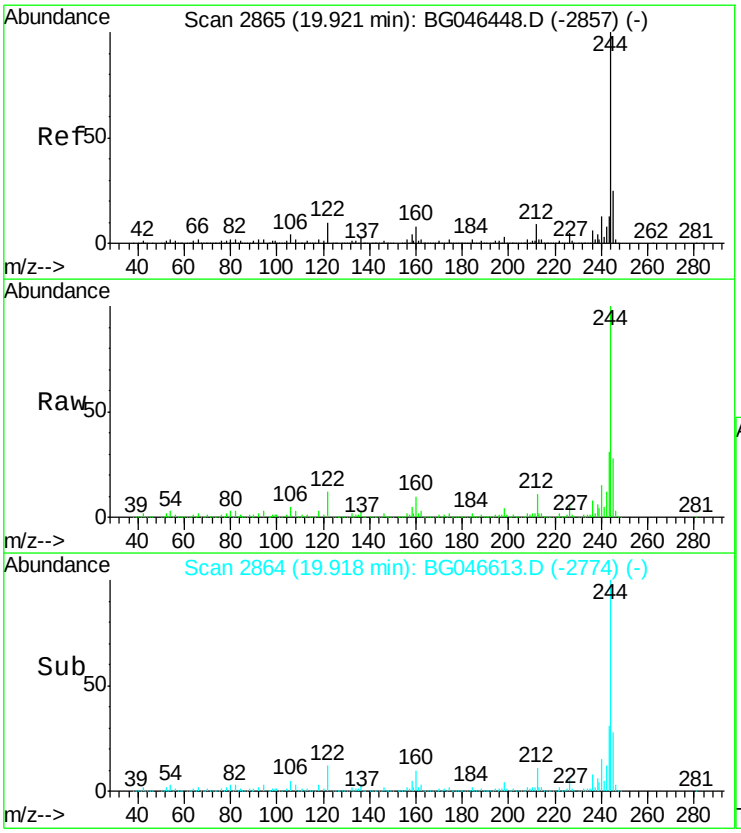
#77
Benzidine
Concen: 4.219 ng
RT: 19.92 min Scan# 2864
Delta R.T. 0.39 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:184 Resp: 48410

Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.8	17.8#
183	14.1	10.7	16.1

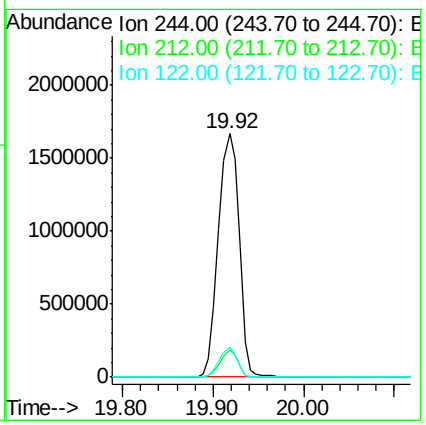


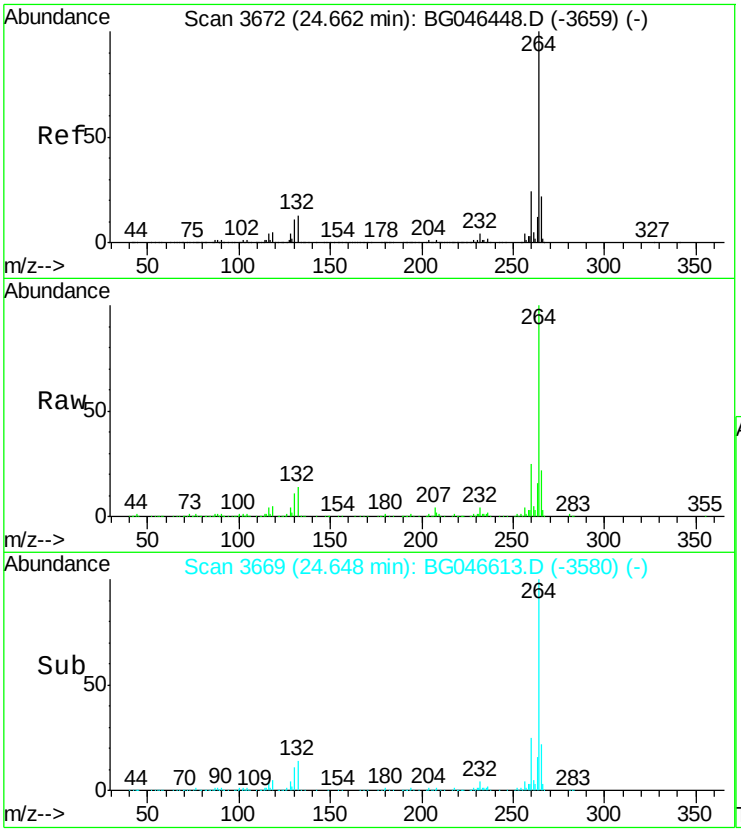


#79
Terphenyl-d14
Concen: 114.653 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:244 Resp: 2660011

Ion	Ratio	Lower	Upper
244	100		
212	11.0	6.9	10.3#
122	12.2	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tgt Ion:264 Resp: 480846

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.9	26.9