Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

Quantitation Report (Not Reviewed)

Data File : BG044107.D
Acq On : 20 Jan 2020 20:59
Operator : JU
Sample : L1184-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-719-(SETTLED)

Quant Time: Jan 21 04:50:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79927	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	354529	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	244597	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	527623	20.00	ng		-0.03
76) Chrysene-d12	21.55	240	454116	20.00	ng		-0.03
87) Perylene-d12	24.66	264	503882	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	287846	66.13	ng		-0.03
7) Phenol-d6	7.10	99	257741	42.36	ng		-0.02
23) Nitrobenzene-d5	9.09	82	556890	84.03	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	386622	151.04	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1324907	98.14	ng		-0.03
79) Terphenyl-d14	19.93	244	1801703	100.09	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	16073	2.564	ng		96
19) n-Nitroso-di-n-propylamine	9.09	70	72378	15.973	ng	#	80
50) Dimethylphthalate	14.02	163	57475	3.309	ng	#	98
51) 2,6-Dinitrotoluene	14.57	165	31851	8.114	ng	#	27
57) 2,4-Dinitrotoluene	14.57	165	31854	5.964	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1268	4.814	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	27272	4.596	ng	#	1
77) Benzidine	19.93	184	31770	2.783	ng	#	91

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

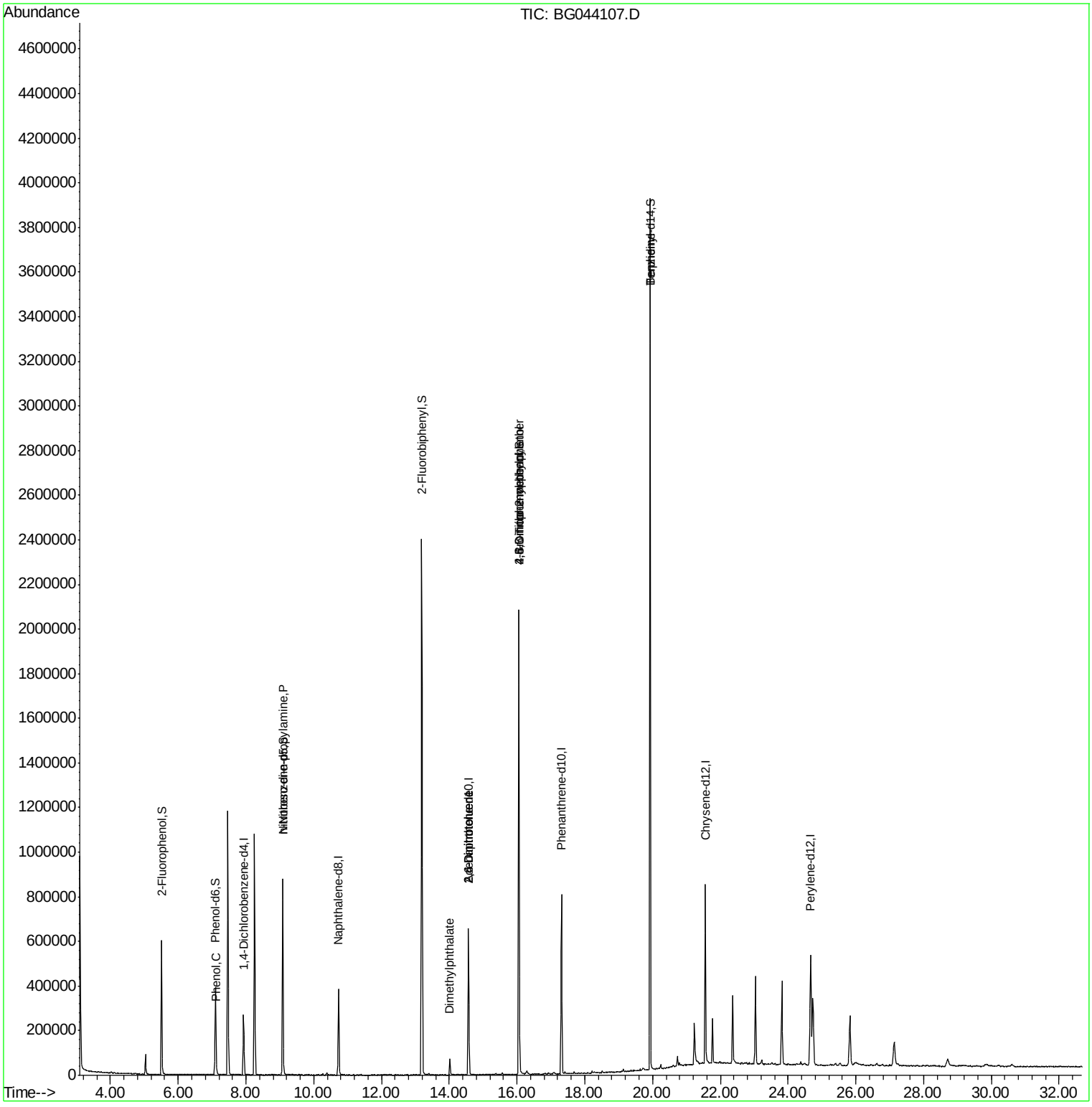
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

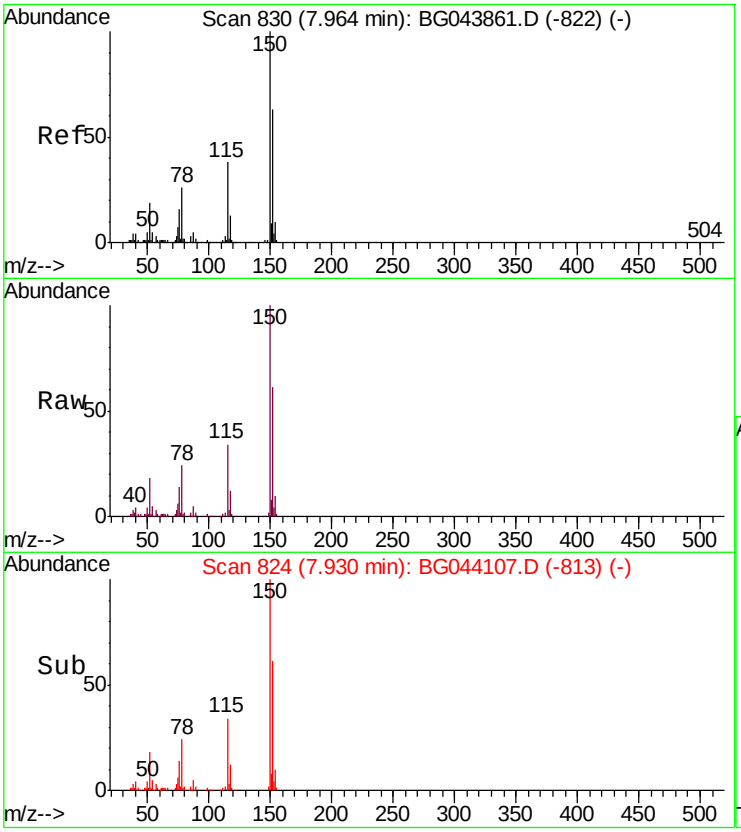
Quantitation Report (Not Reviewed)

Data File : BG044107.D
Acq On : 20 Jan 2020 20:59
Operator : JU
Sample : L1184-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Quant Time: Jan 21 04:50:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



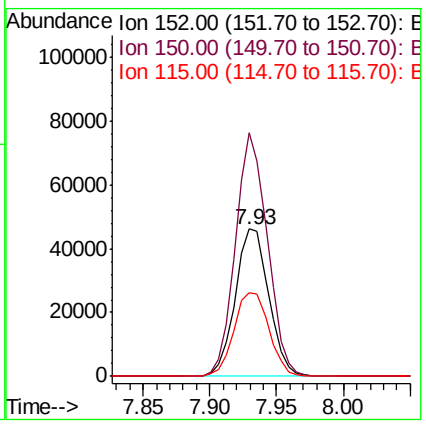


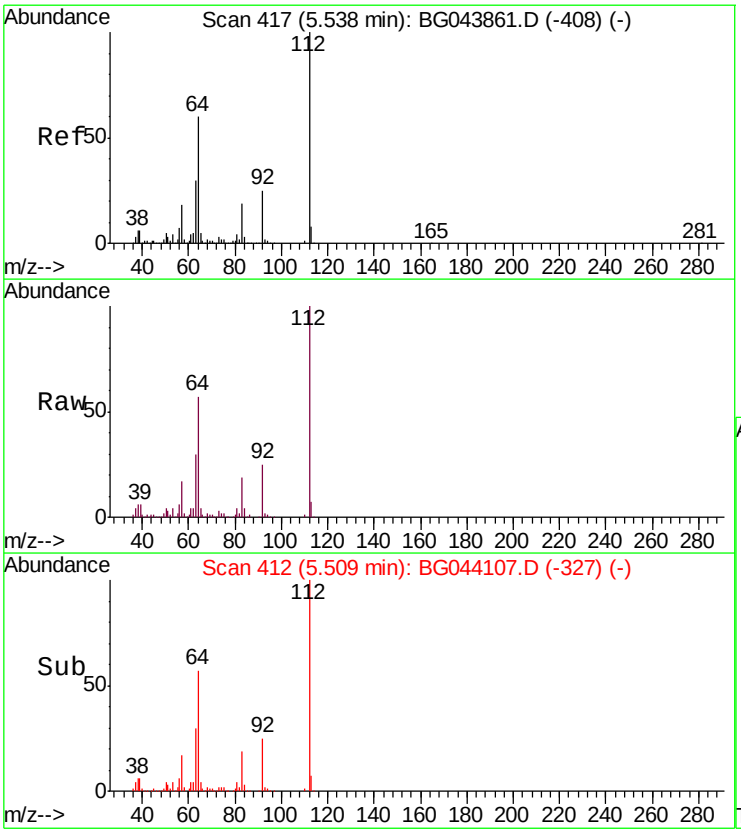
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:152 Resp: 79927

Ion	Ratio	Lower	Upper
152	100		
150	165.1	127.0	190.4
115	56.6	47.8	71.8

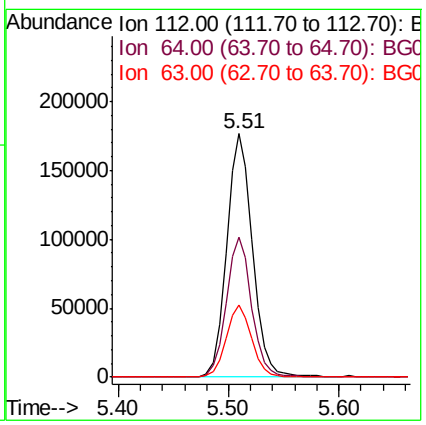


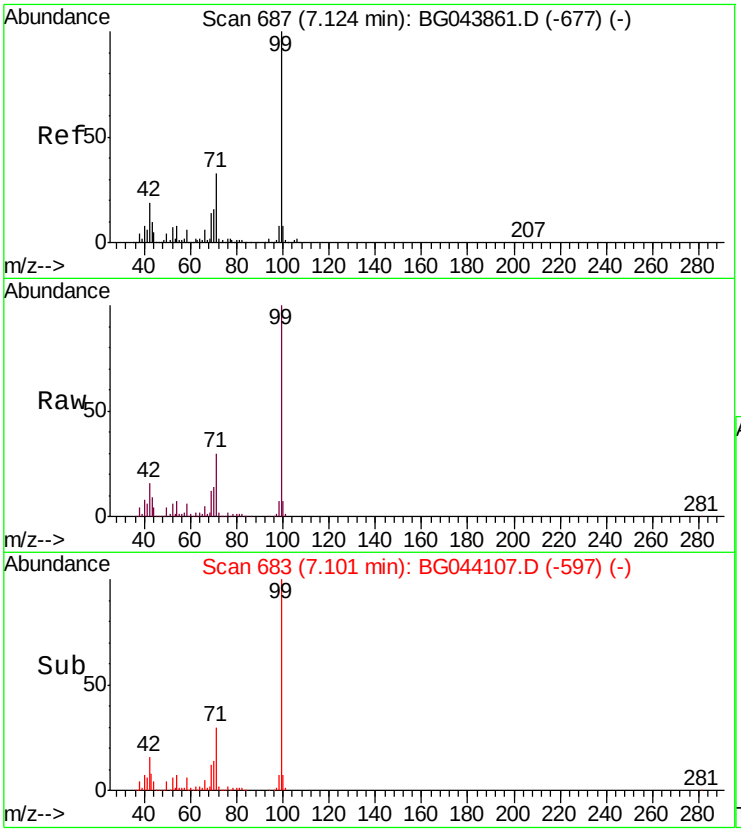


#5
2-Fluorophenol
Concen: 66.125 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:112 Resp: 287846

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.8	71.6
63	29.5	24.3	36.5



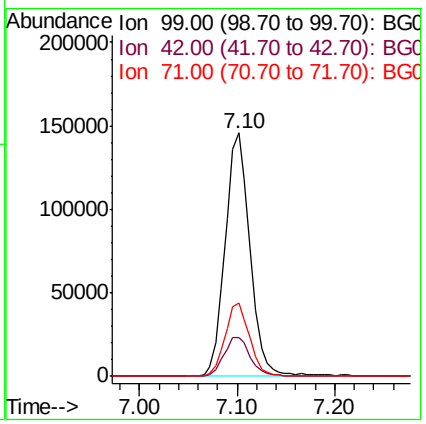


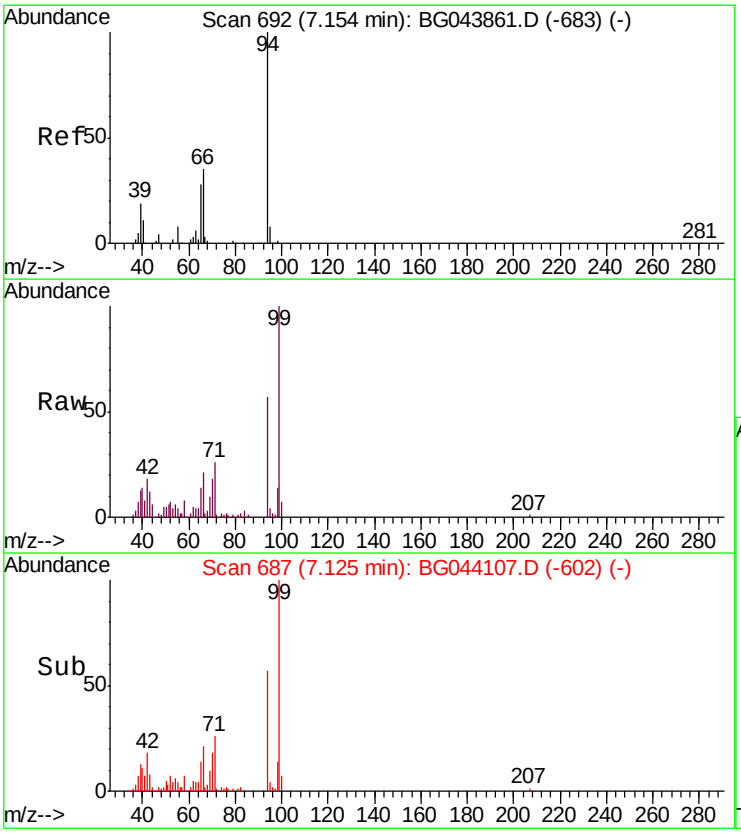
#7
Phenol-d6
Concen: 42.358 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion: 99 Resp: 257741

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.9	22.3
71	30.2	26.4	39.6

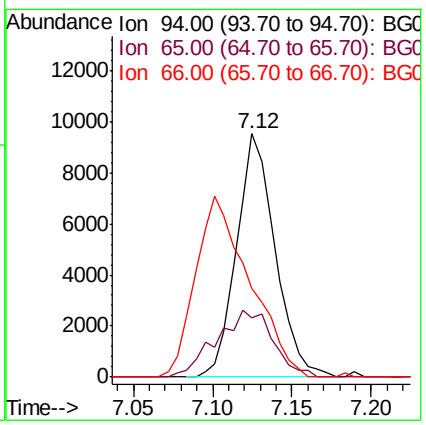


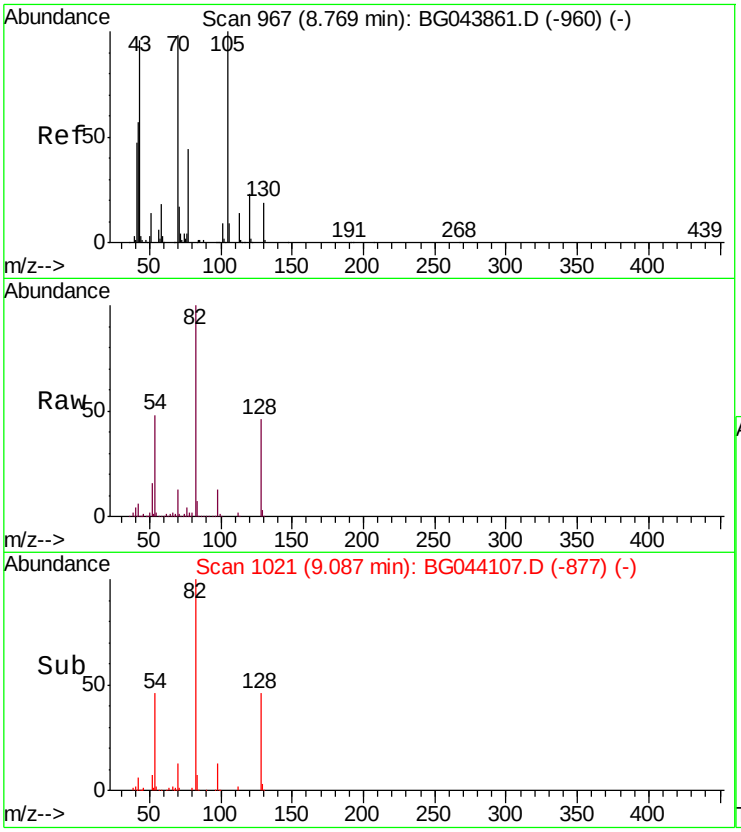


#10
Phenol
Concen: 2.564 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion: 94 Resp: 16073

Ion	Ratio	Lower	Upper
94	100		
65	24.2	8.1	48.1
66	36.4	15.6	55.6



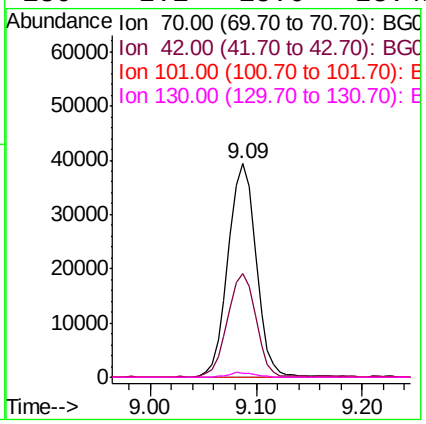


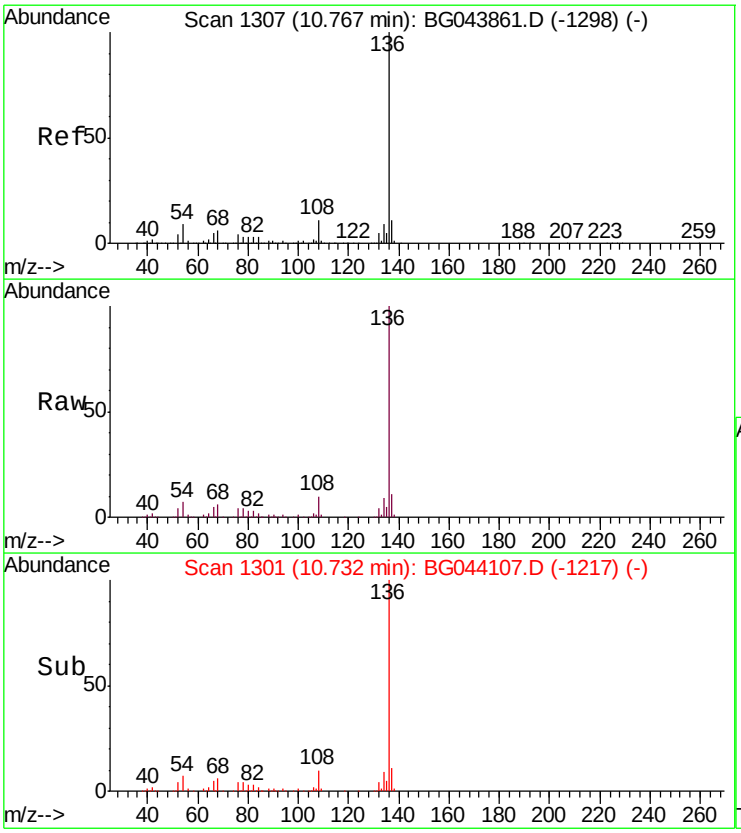
#19
n-Nitroso-di-n-propylamine
Concen: 15.973 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion: 70 Resp: 72378

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.0	70.4
101	0.0	7.2	10.8#
130	2.1	15.6	23.4#

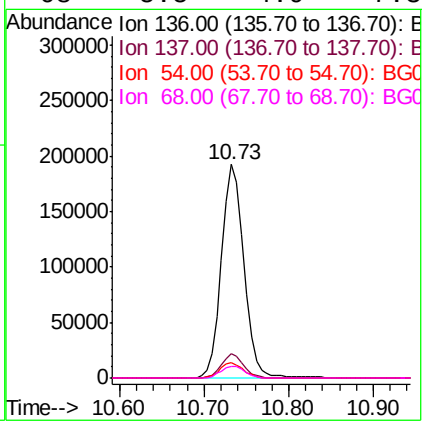


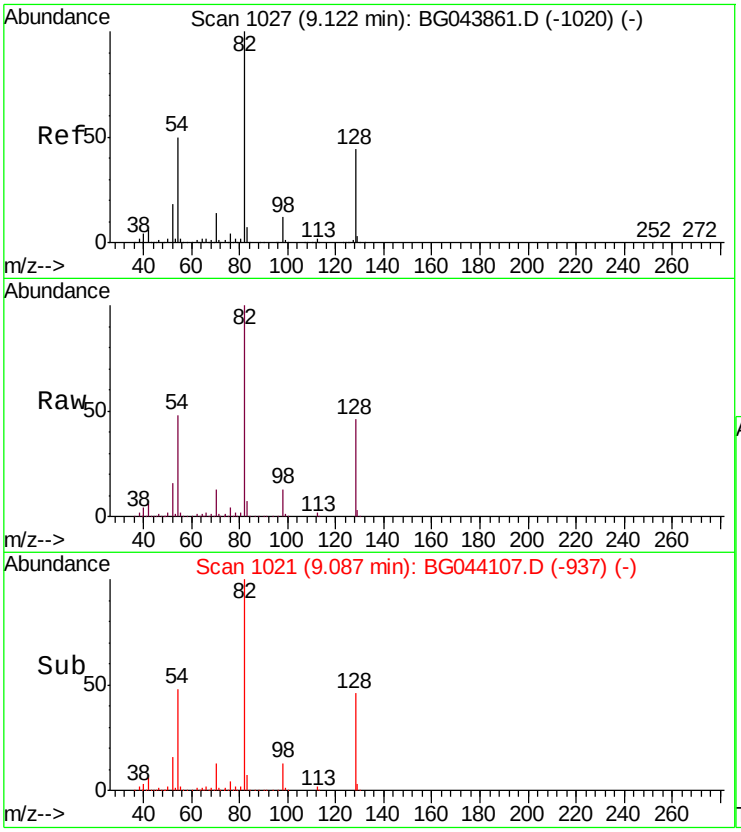


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:136 Resp: 354529

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	7.0	10.4
68	5.5	4.9	7.3



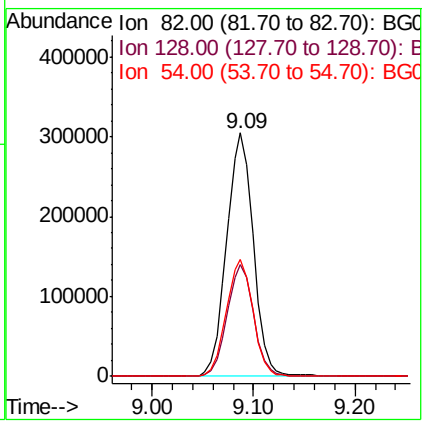


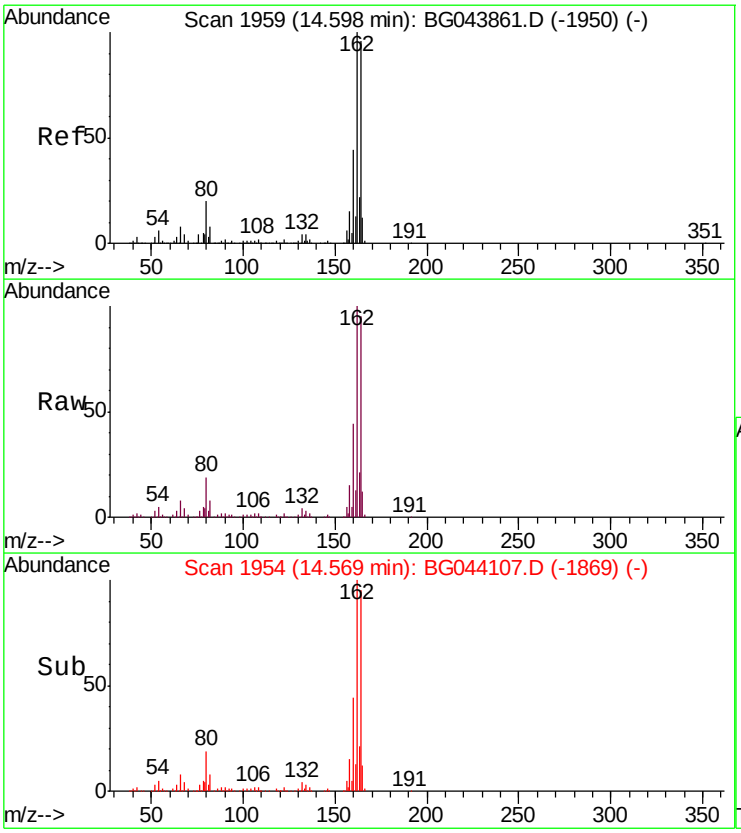
#23
Nitrobenzene-d5
Concen: 84.031 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion: 82 Resp: 556890

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	48.3	40.1	60.1

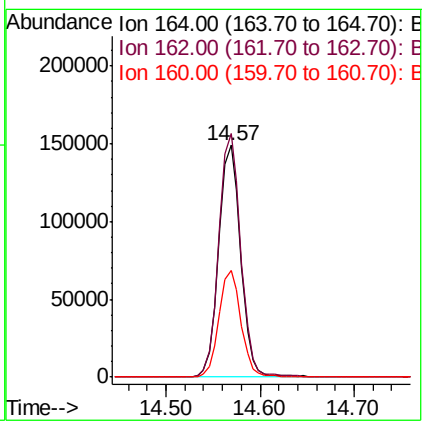


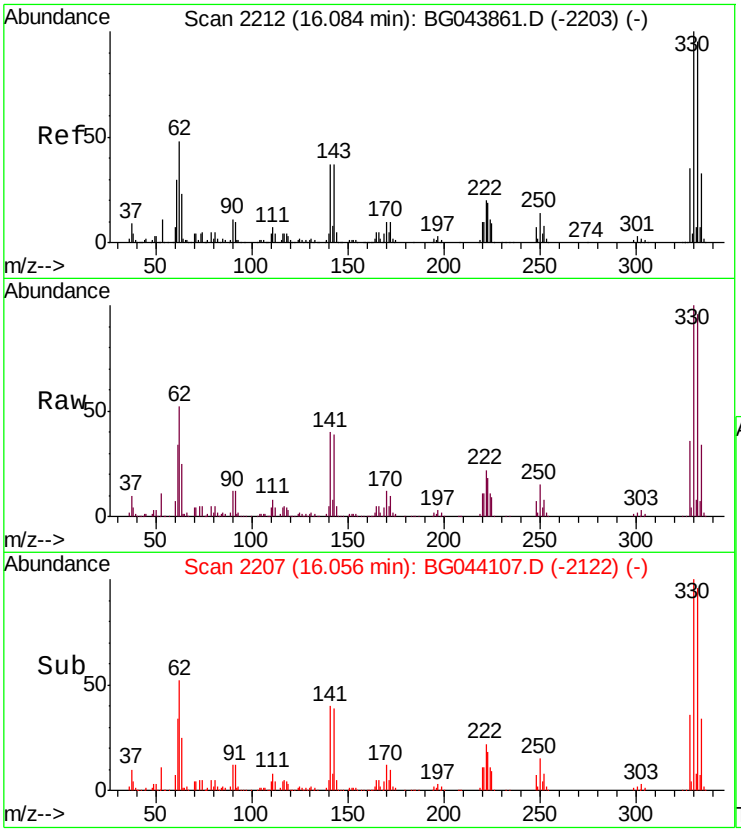


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:164 Resp: 244597

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	46.2	36.1	54.1



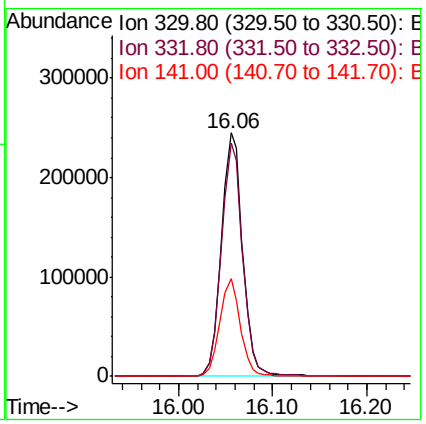


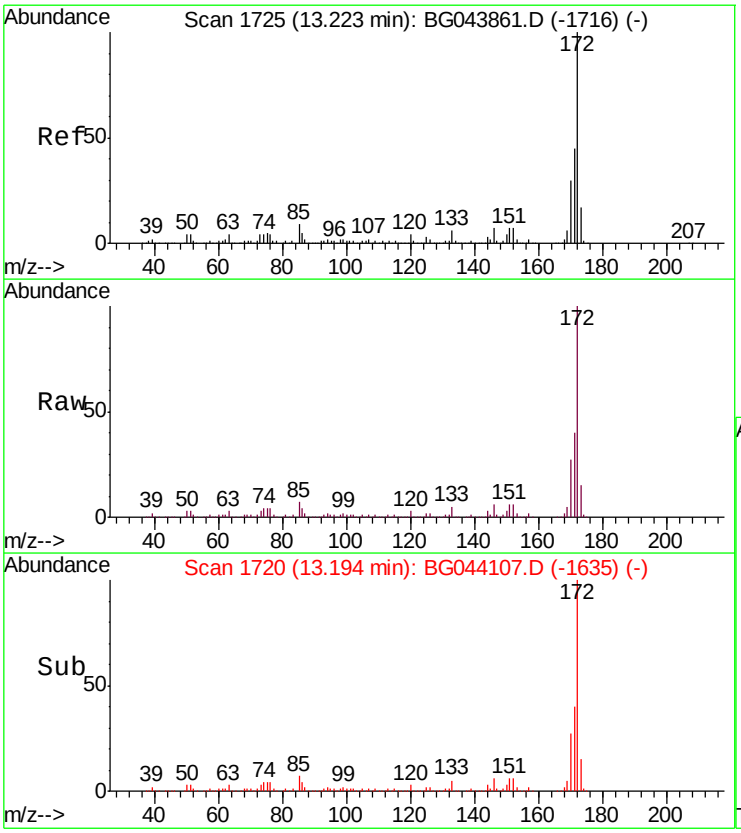
#42
2,4,6-Tribromophenol
Concen: 151.044 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:330 Resp: 386622

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	39.0	33.1	49.7

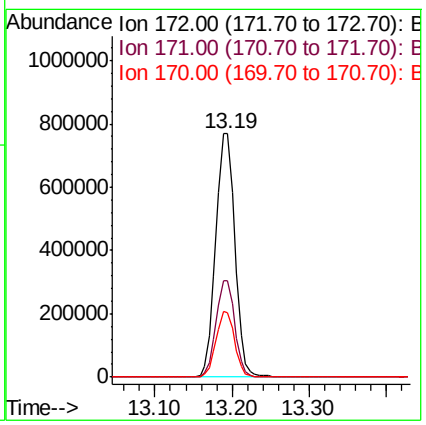


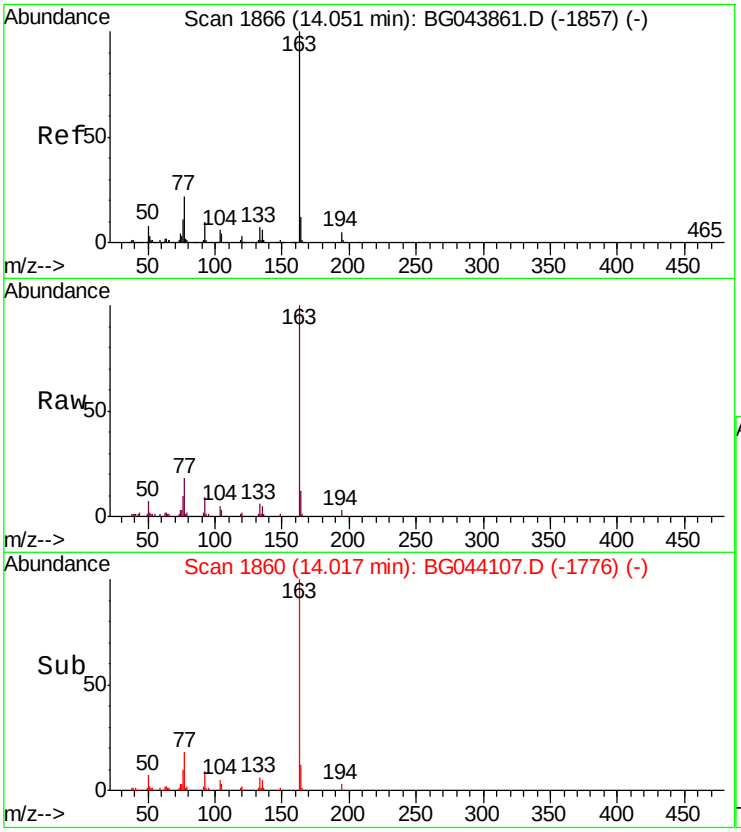


#45
2-Fluorobiphenyl
Concen: 98.138 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:172 Resp: 1324907

Ion	Ratio	Lower	Upper
172	100		
171	39.5	35.8	53.8
170	26.7	24.2	36.4



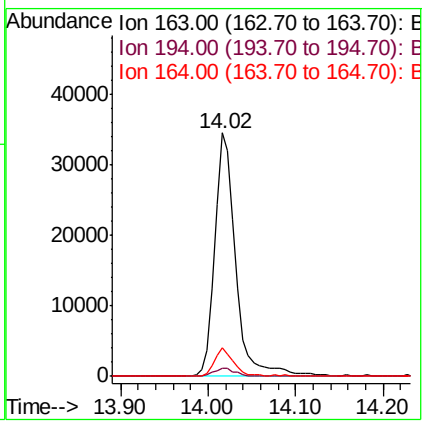


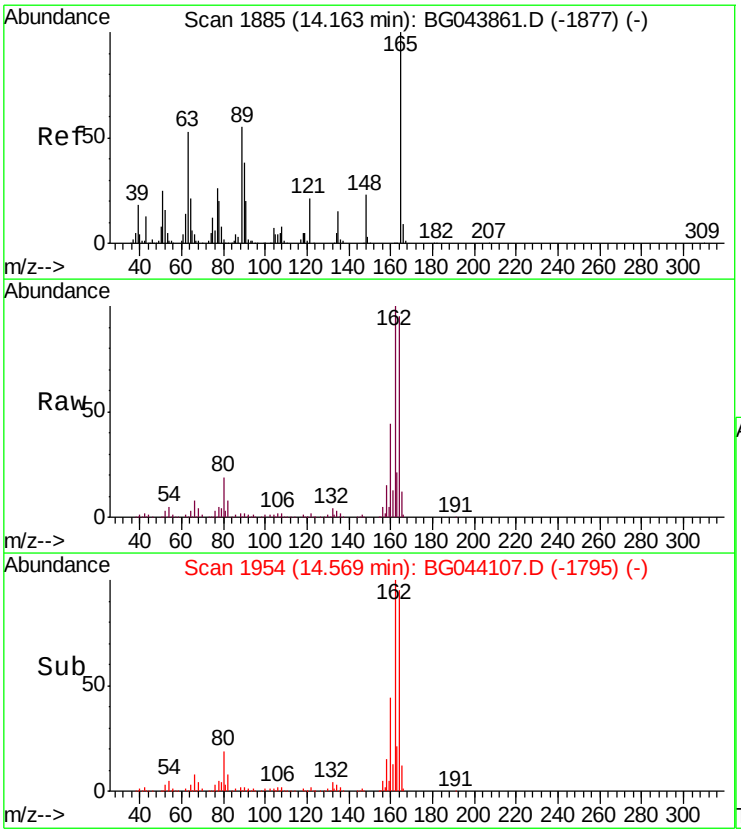
#50
Dimethylphthalate
Concen: 3.309 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:163 Resp: 57475

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.7	5.5#
164	11.9	9.3	13.9

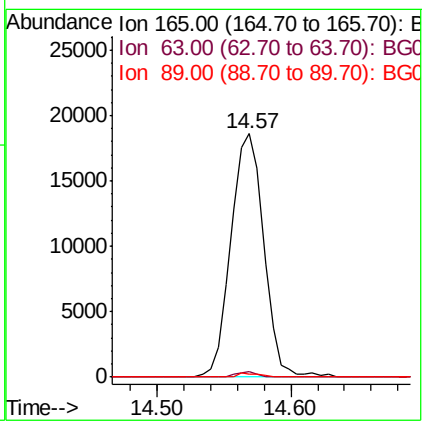


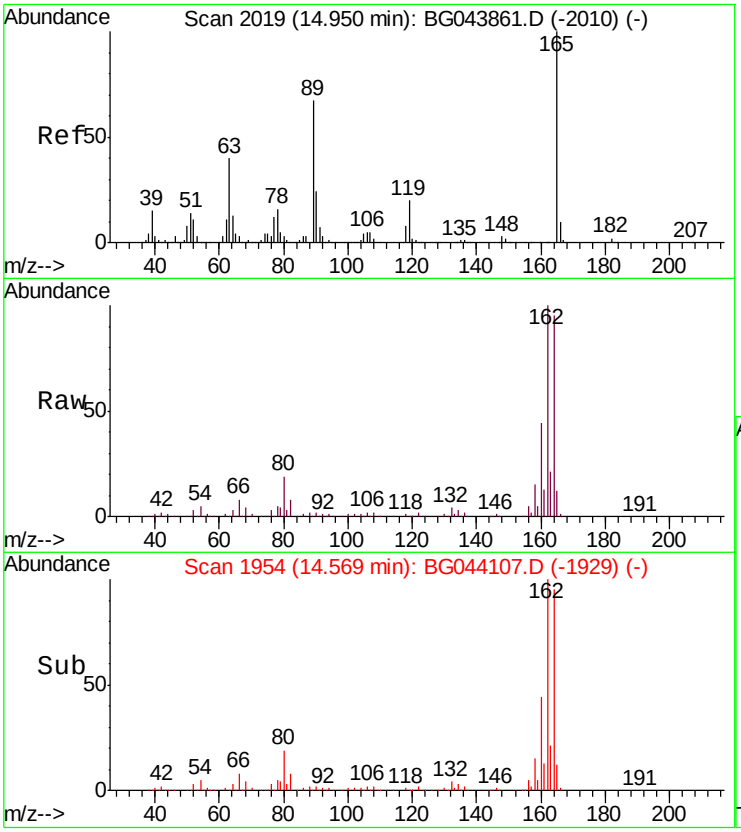


#51
2,6-Dinitrotoluene
Concen: 8.114 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:165 Resp: 31851

Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.1	64.7#
89	1.2	43.8	65.6#



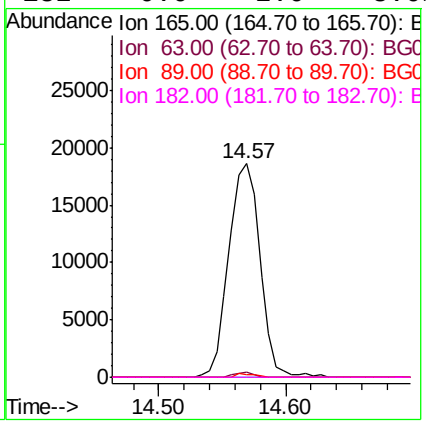


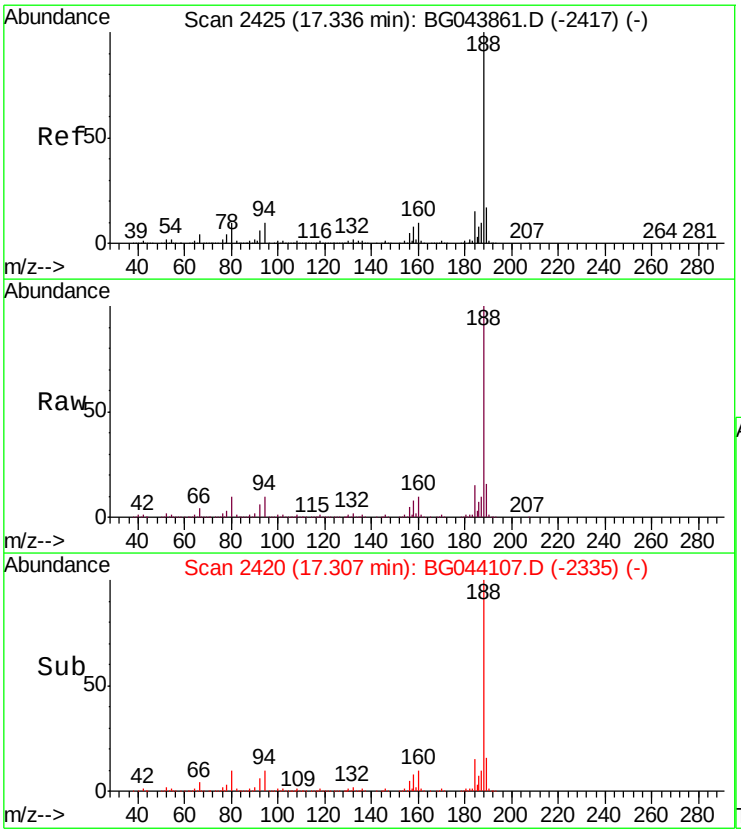
#57
2,4-Dinitrotoluene
Concen: 5.964 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:165 Resp: 31854

Ion	Ratio	Lower	Upper
165	100		
63	2.4	31.9	47.9#
89	1.2	53.8	80.6#
182	0.0	2.0	3.0#

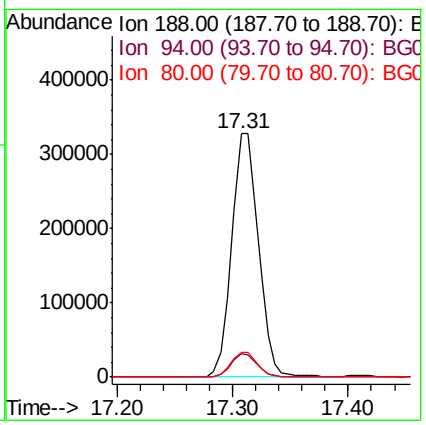


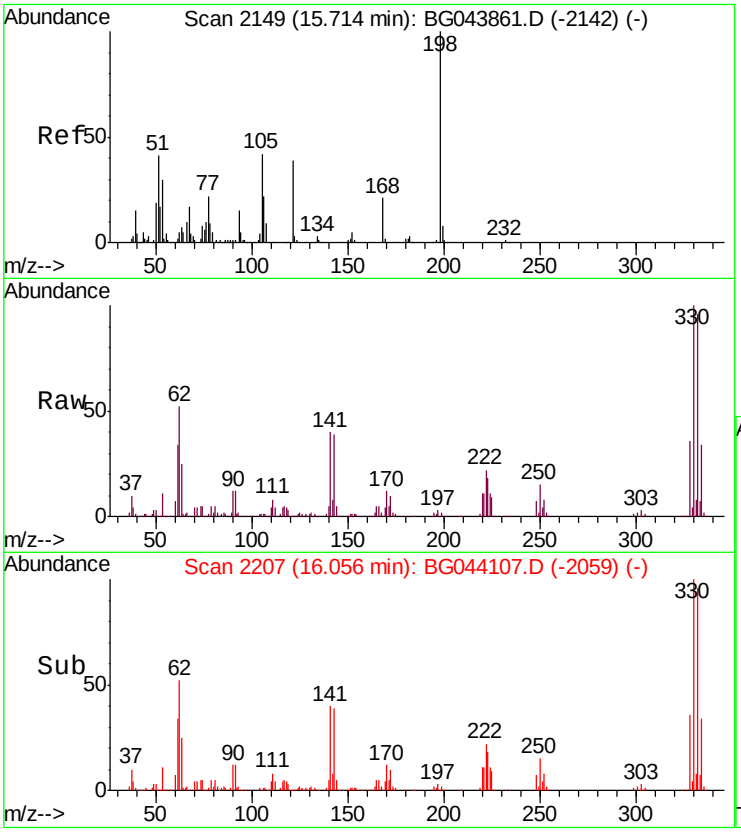


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:188 Resp: 527623

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	10.4	8.2	12.4



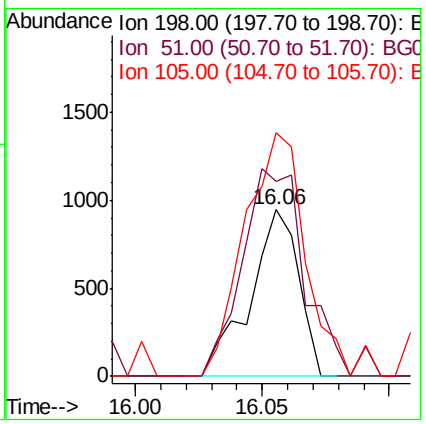


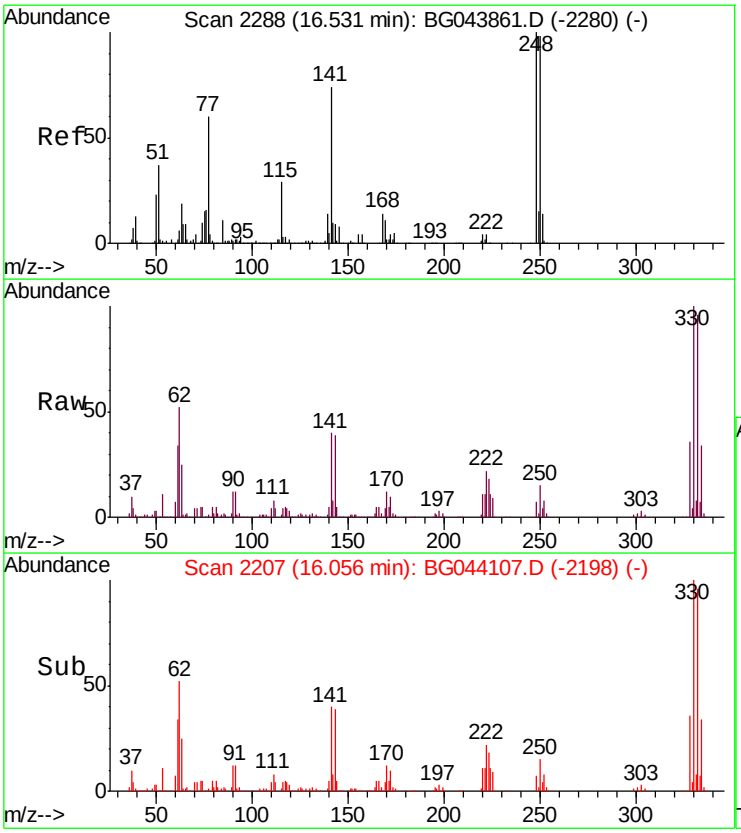
#65
4,6-Dinitro-2-methylphenol
Concen: 4.814 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:198 Resp: 1268

Ion	Ratio	Lower	Upper
198	100		
51	116.9	22.5	62.5#
105	146.1	22.3	62.3#

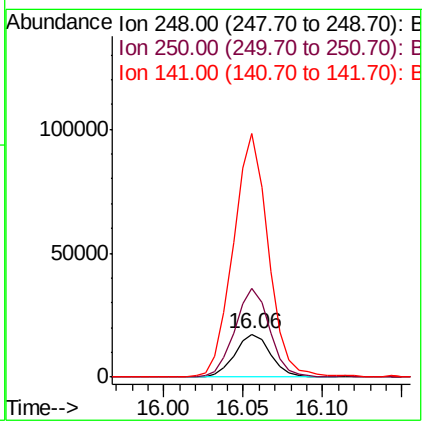


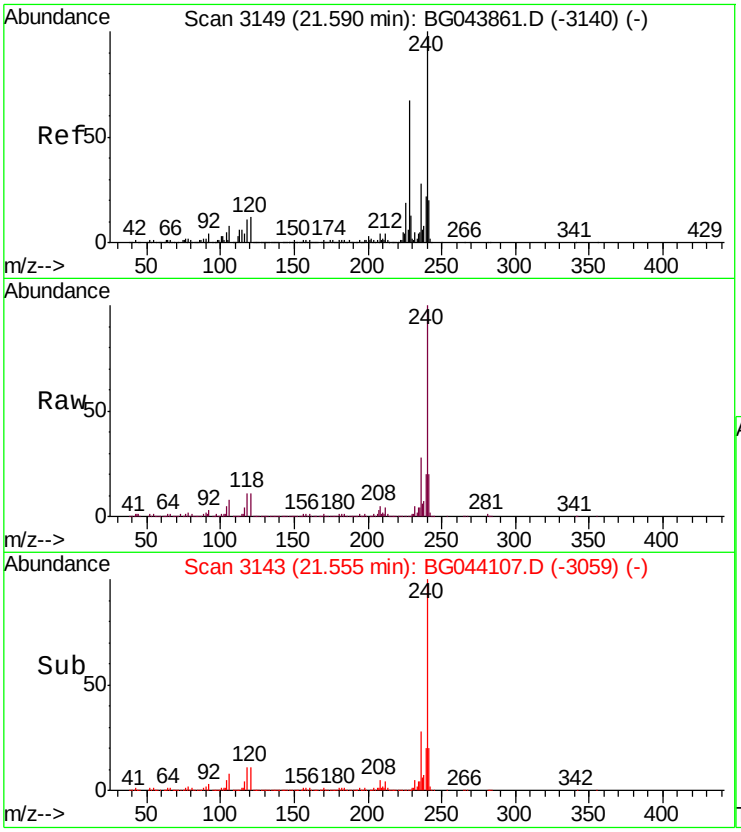


#67
4-Bromophenyl-phenylether
Concen: 4.596 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:248 Resp: 27272

Ion	Ratio	Lower	Upper
248	100		
250	206.4	78.2	117.2#
141	562.7	59.3	88.9#



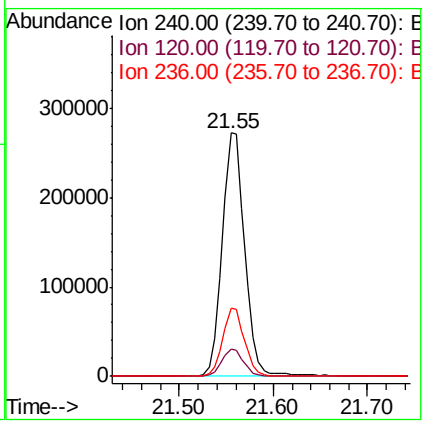


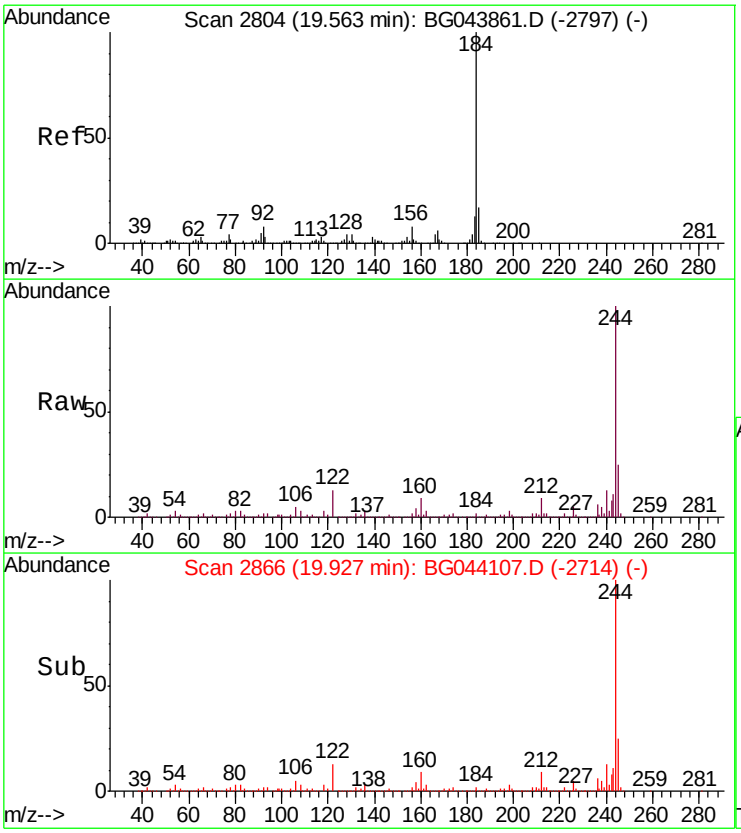
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:240 Resp: 454116

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	27.9	22.2	33.2

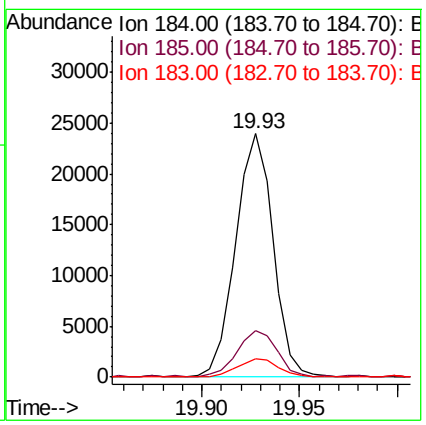


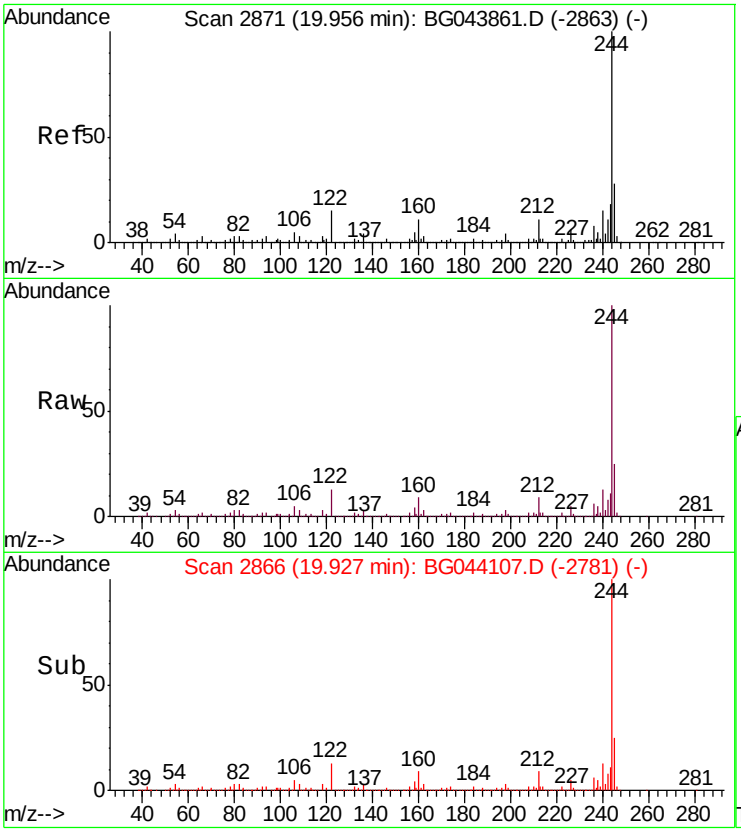


#77
Benzidine
Concen: 2.783 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:184 Resp: 31770

Ion	Ratio	Lower	Upper
184	100		
185	19.0	13.4	20.0
183	7.6	10.6	15.8#



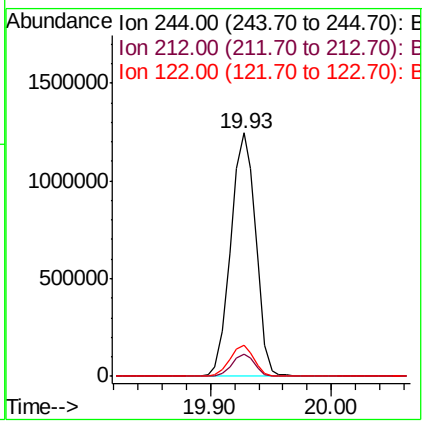


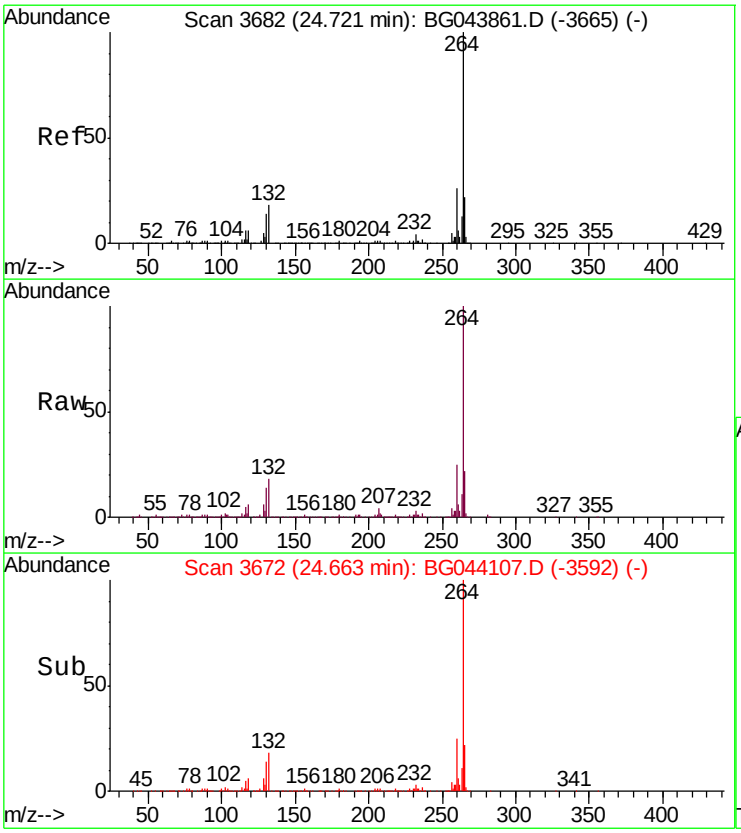
#79
Terphenyl-d14
Concen: 100.094 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
MH-719-(SETTLED)

Tgt Ion:244 Resp: 1801703

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	12.7	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044107.D
Acq: 20 Jan 2020 20:59

Tgt Ion:264 Resp: 503882

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	21.7	17.4	26.2