Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012420\

Quantitation Report (Not Reviewed)

Data File : BG044193.D
Acq On : 24 Jan 2020 22:21
Operator : CG/JU
Sample : L1245-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200047-FIELD-BLANK

Quant Time: Jan 25 05:39:45 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	84037	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	378495	20.00	ng		-0.03
39) Acenaphthene-d10	14.56	164	257276	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	520702	20.00	ng		-0.03
76) Chrysene-d12	21.55	240	451651	20.00	ng		-0.03
87) Perylene-d12	24.66	264	503236	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	269337	58.85	ng		-0.03
7) Phenol-d6	7.10	99	218598	34.17	ng		-0.03
23) Nitrobenzene-d5	9.08	82	585035	82.69	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	367705	136.57	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1381699	97.30	ng		-0.03
79) Terphenyl-d14	19.92	244	1972899	115.01	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	14740	2.236	ng		93
19) n-Nitroso-di-n-propylamine	9.08	70	76634	16.085	ng	#	79
50) Dimethylphthalate	14.02	163	57304	3.137	ng	#	93
51) 2,6-Dinitrotoluene	14.56	165	32844	7.955	ng	#	26
57) 2,4-Dinitrotoluene	14.56	165	32847	5.847	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1136	4.774	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	26433	4.514	ng	#	1
77) Benzidine	19.92	184	35806	3.154	ng	#	91

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

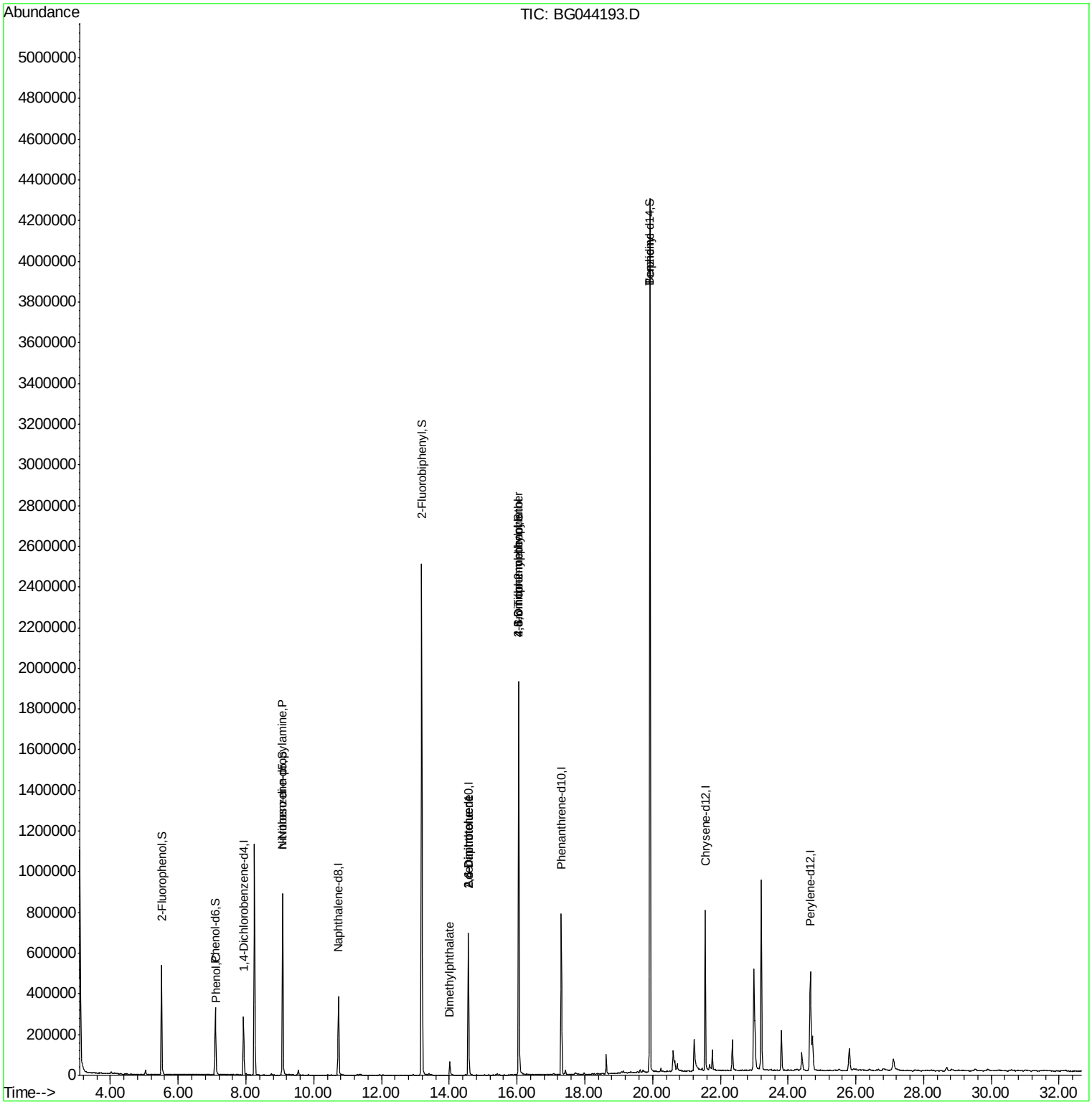
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012420\

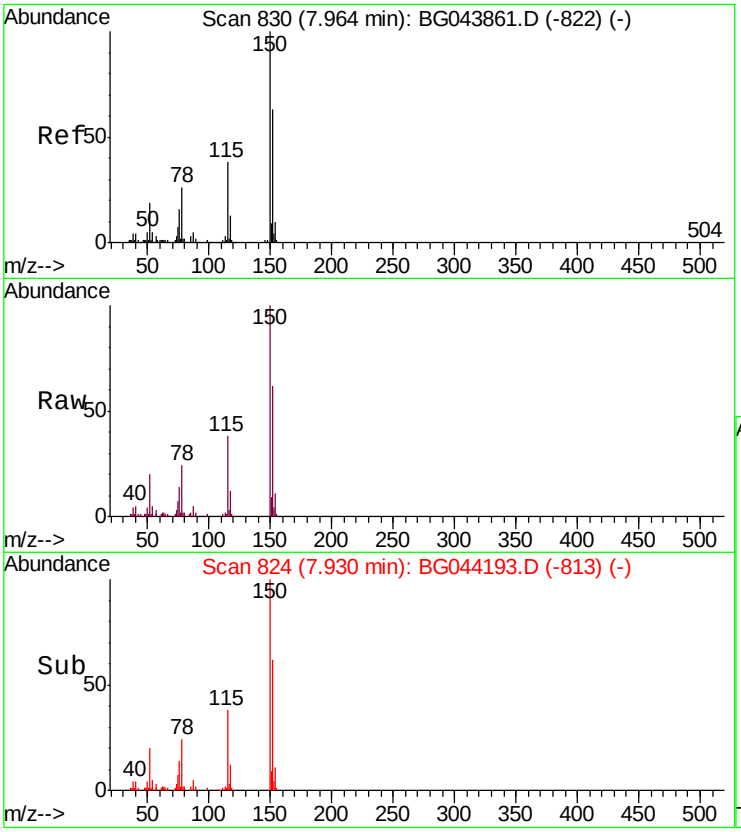
Quantitation Report (Not Reviewed)

Data File : BG044193.D
Acq On : 24 Jan 2020 22:21
Operator : CG/JU
Sample : L1245-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Quant Time: Jan 25 05:39:45 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



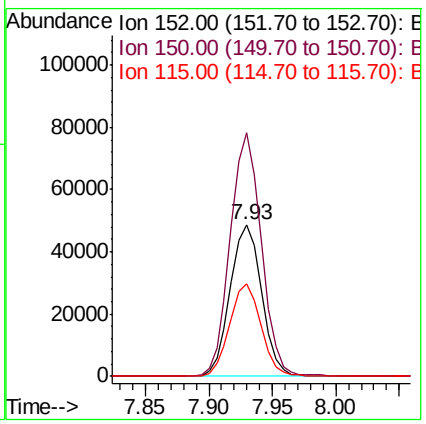


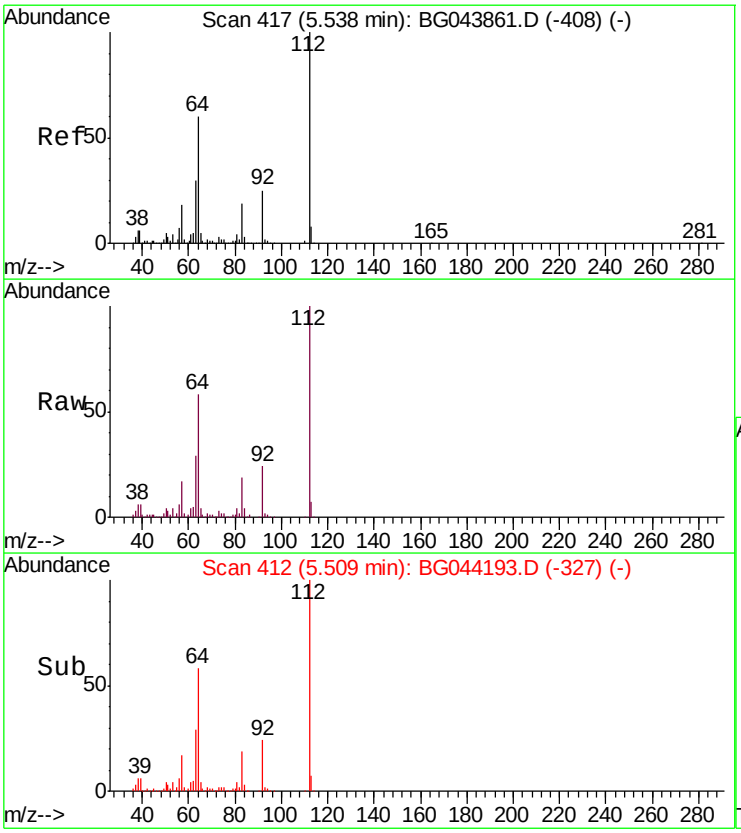
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:152 Resp: 84037

Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.0	190.4
115	60.6	47.8	71.8

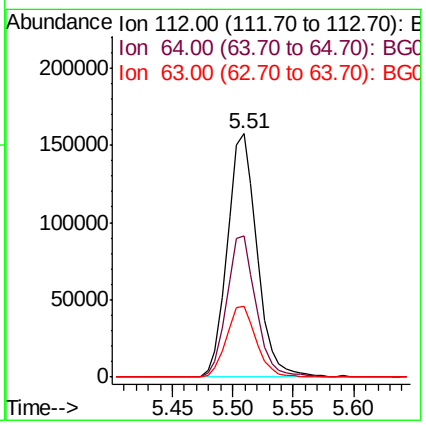


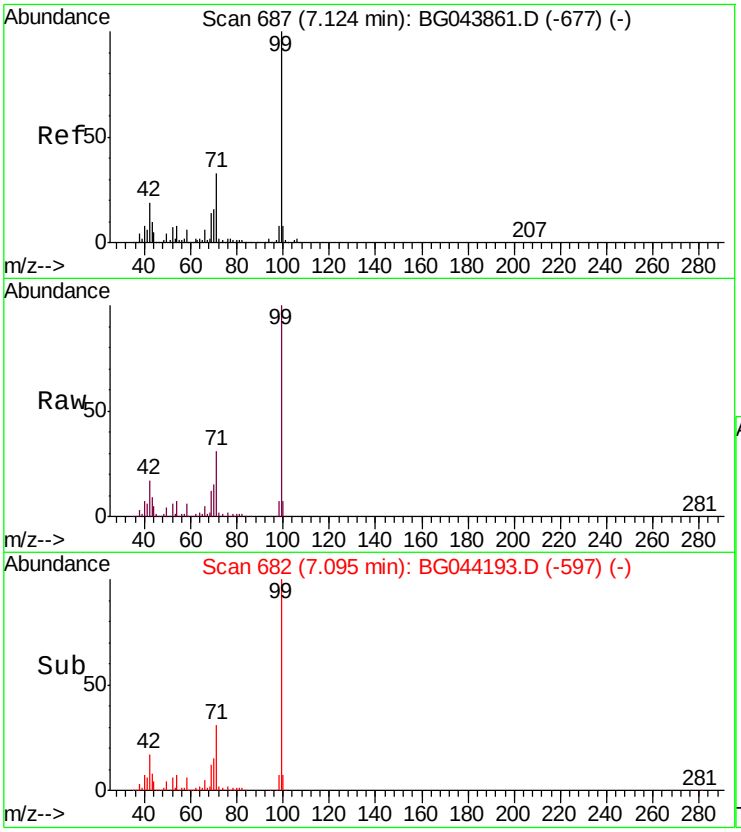


#5
2-Fluorophenol
Concen: 58.847 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:112 Resp: 269337

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.8	71.6
63	29.3	24.3	36.5



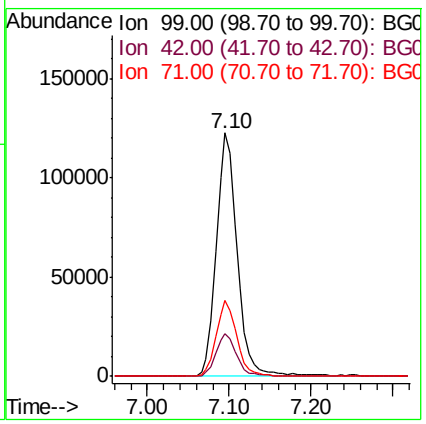


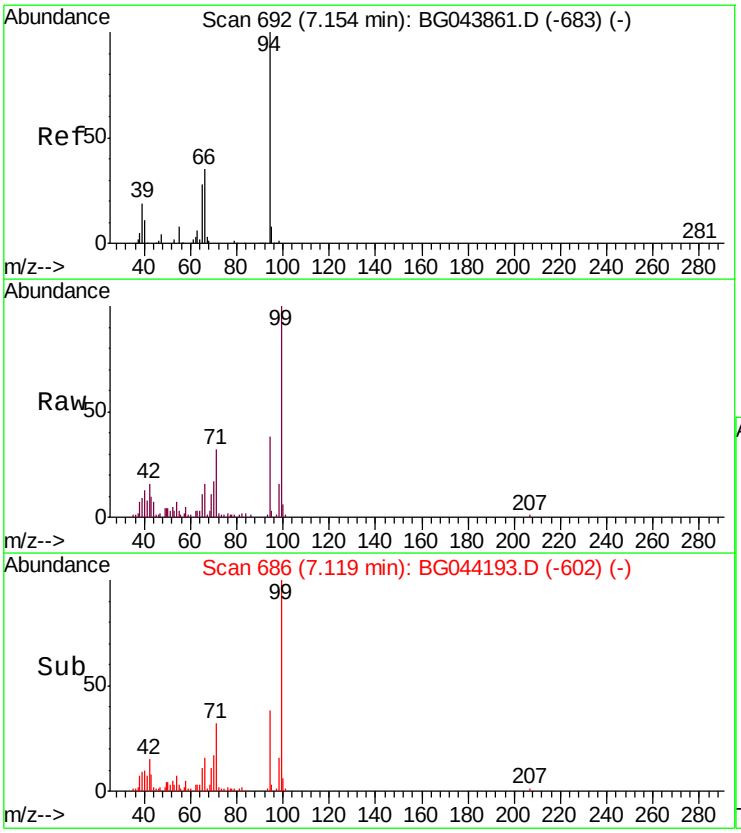
#7
Phenol-d6
Concen: 34.169 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion: 99 Resp: 218598

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	31.3	26.4	39.6

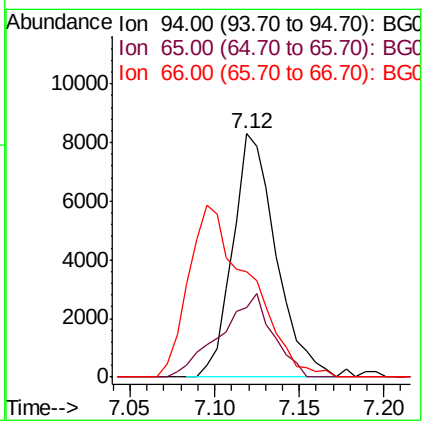


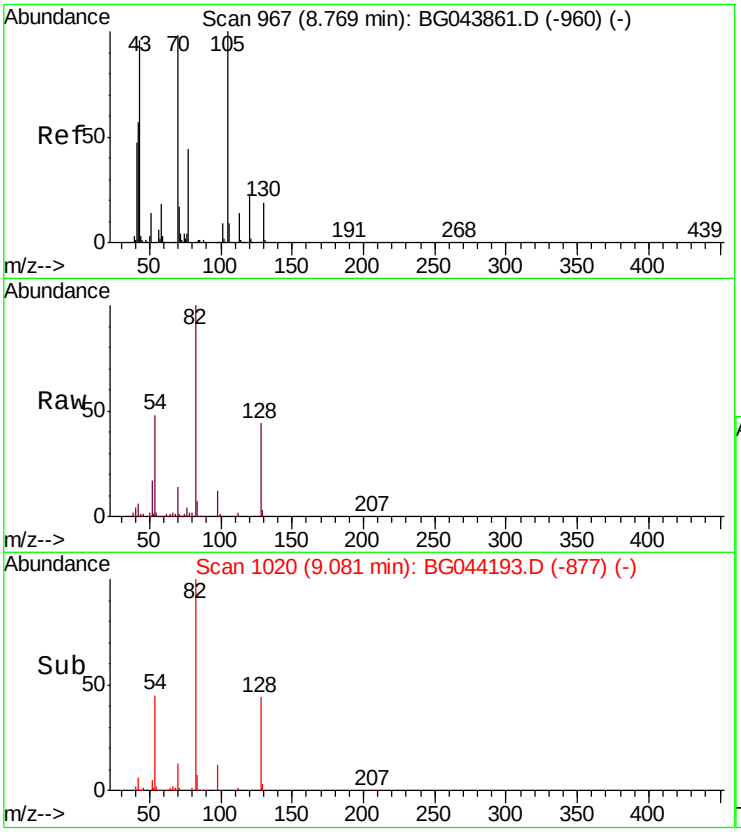


#10
Phenol
Concen: 2.236 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion: 94 Resp: 14740

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.1	48.1
66	43.1	15.6	55.6



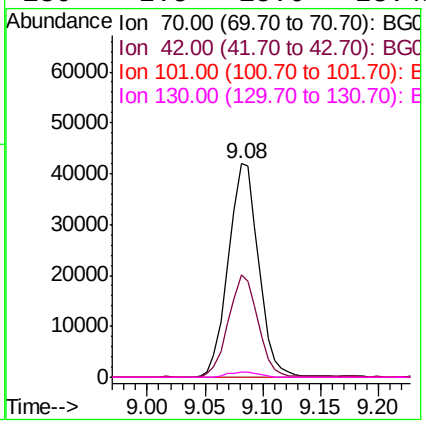


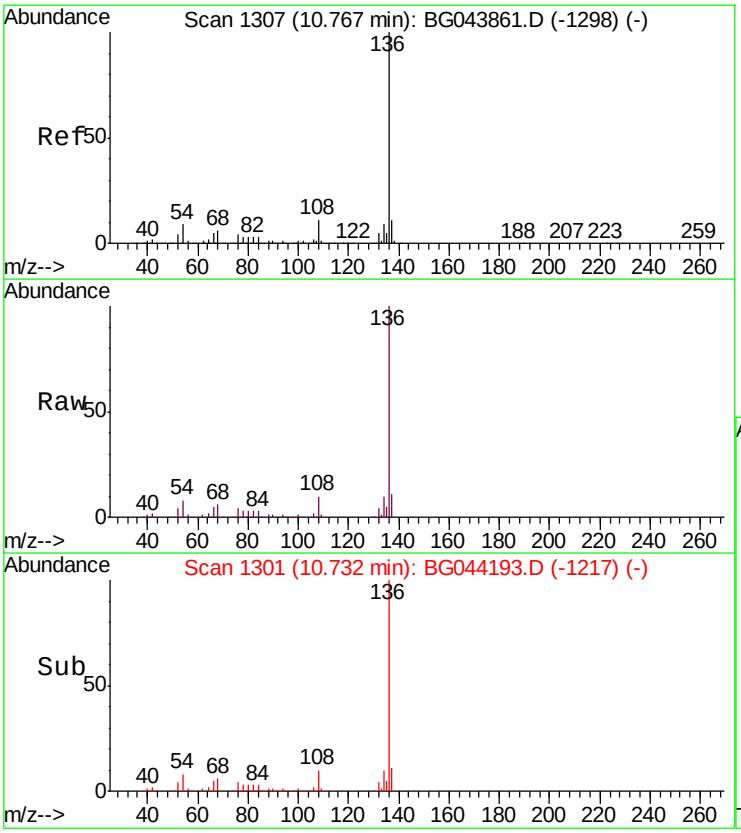
#19
n-Nitroso-di-n-propylamine
Concen: 16.085 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion: 70 Resp: 76634

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.0	70.4
101	0.0	7.2	10.8#
130	2.5	15.6	23.4#

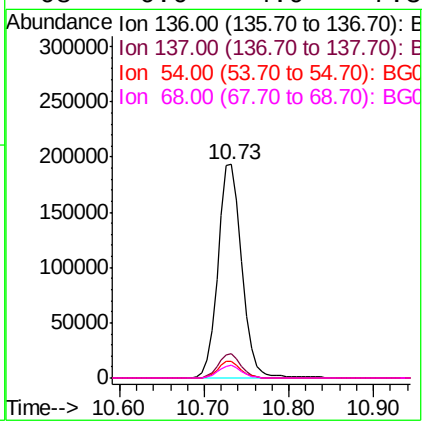


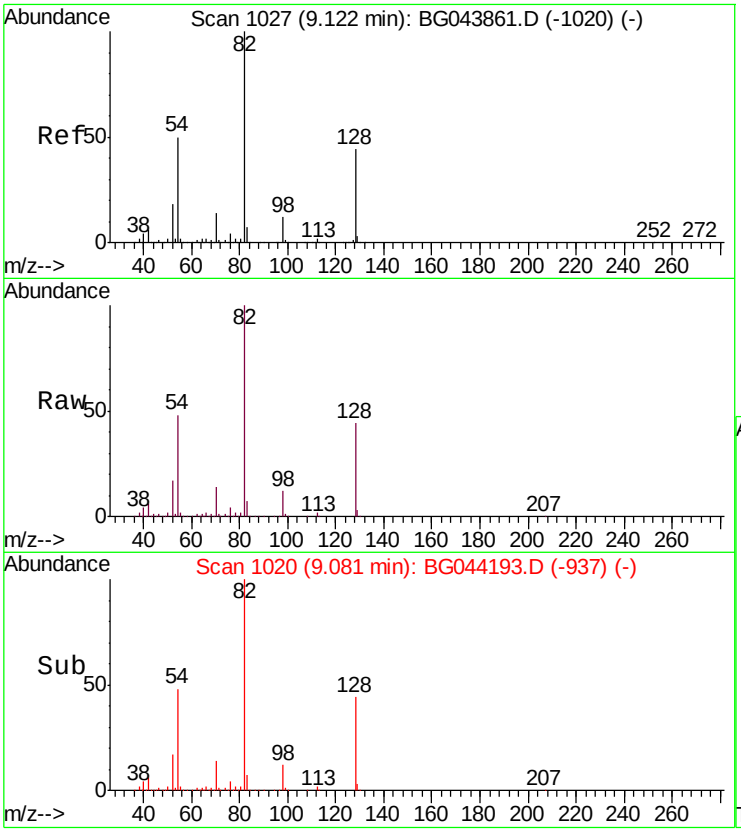


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:136 Resp: 378495

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	7.0	10.4
68	6.0	4.9	7.3



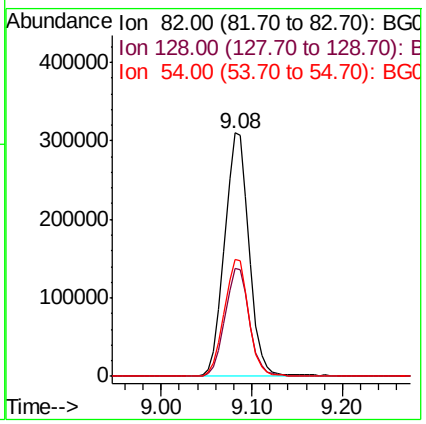


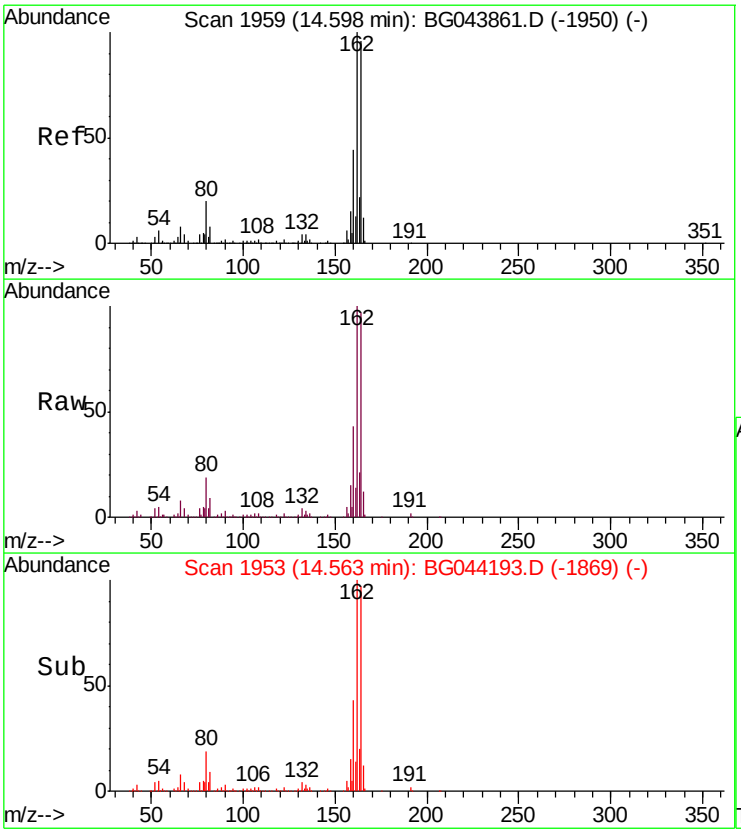
#23
Nitrobenzene-d5
Concen: 82.688 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion: 82 Resp: 585035

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	48.2	40.1	60.1

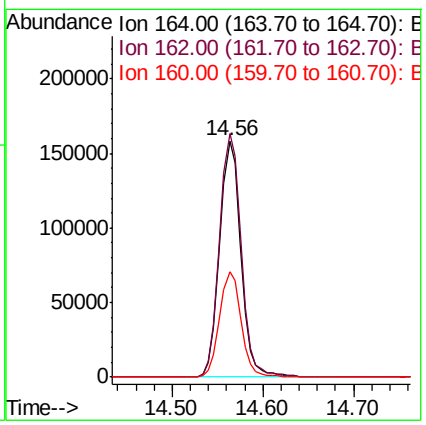


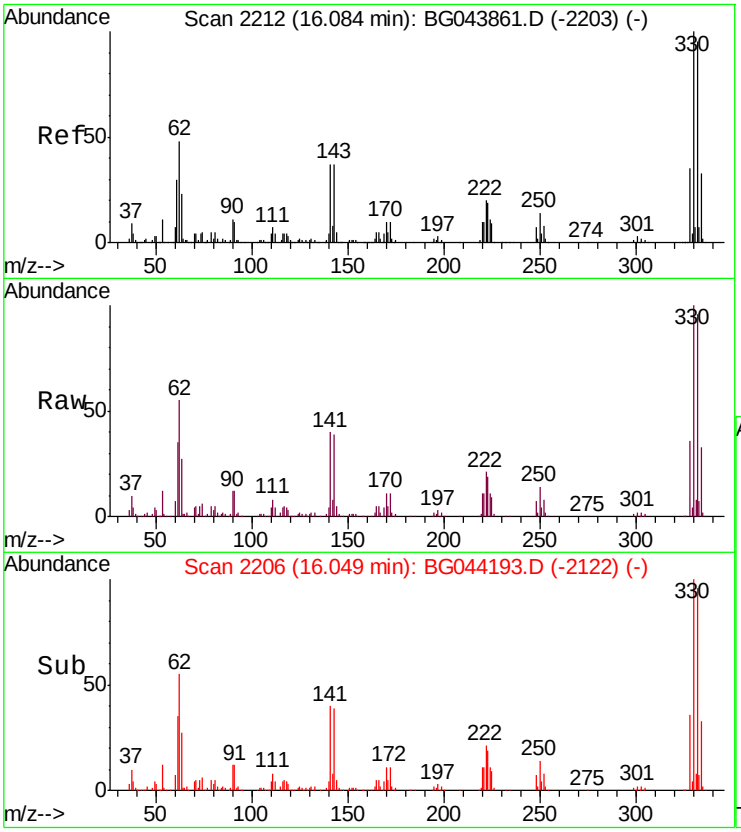


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:164 Resp: 257276

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.4
160	44.7	36.1	54.1



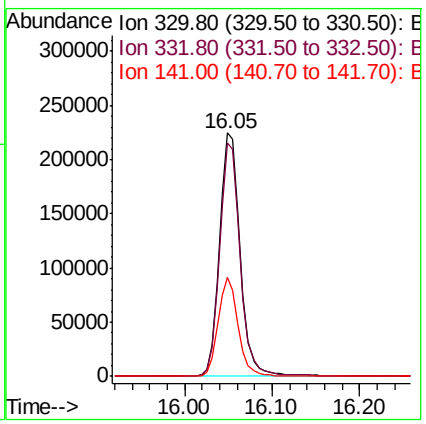


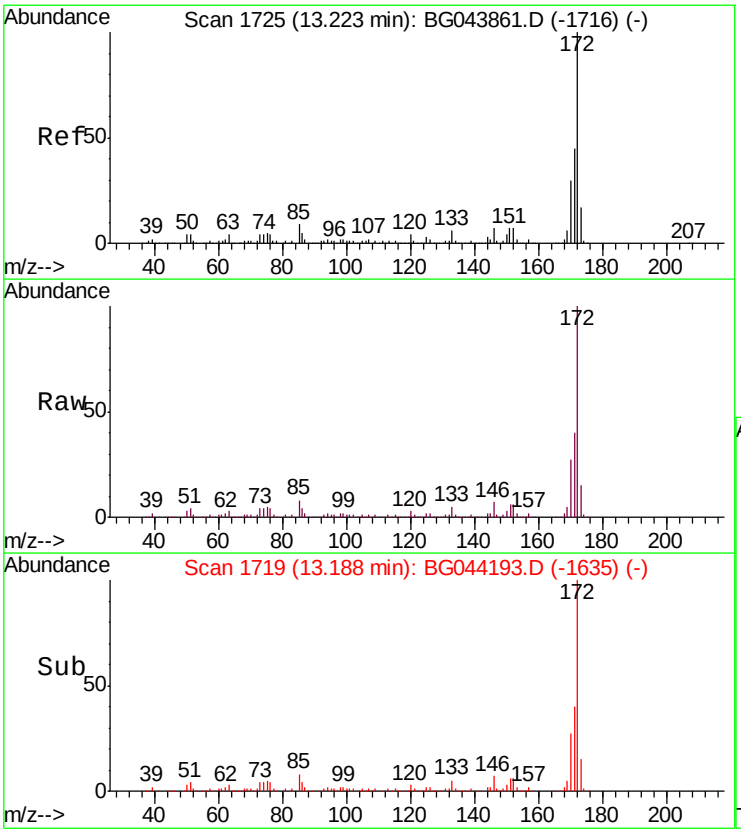
#42
2,4,6-Tribromophenol
Concen: 136.574 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:330 Resp: 367705

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	39.3	33.1	49.7

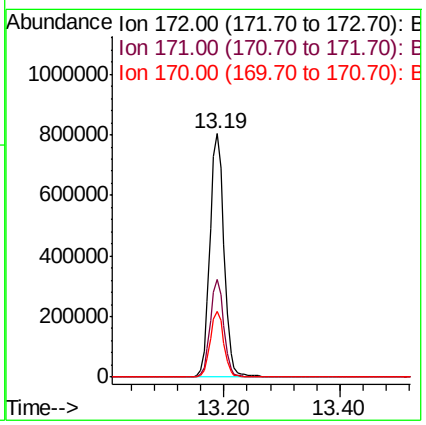


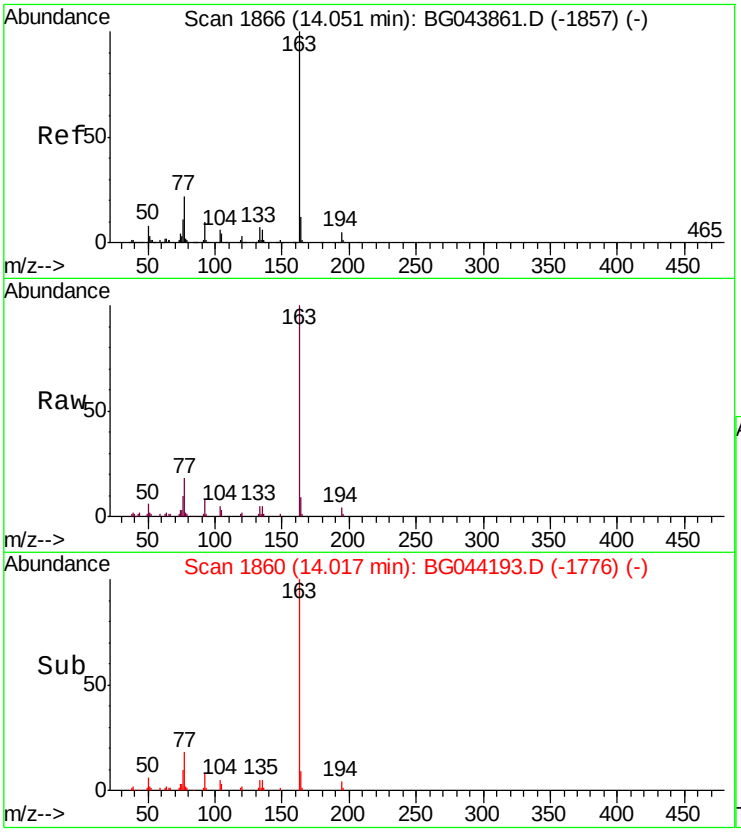


#45
2-Fluorobiphenyl
Concen: 97.301 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:172 Resp: 1381699

Ion	Ratio	Lower	Upper
172	100		
171	40.0	35.8	53.8
170	26.9	24.2	36.4



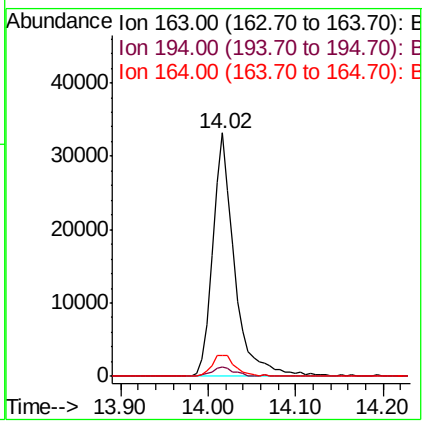


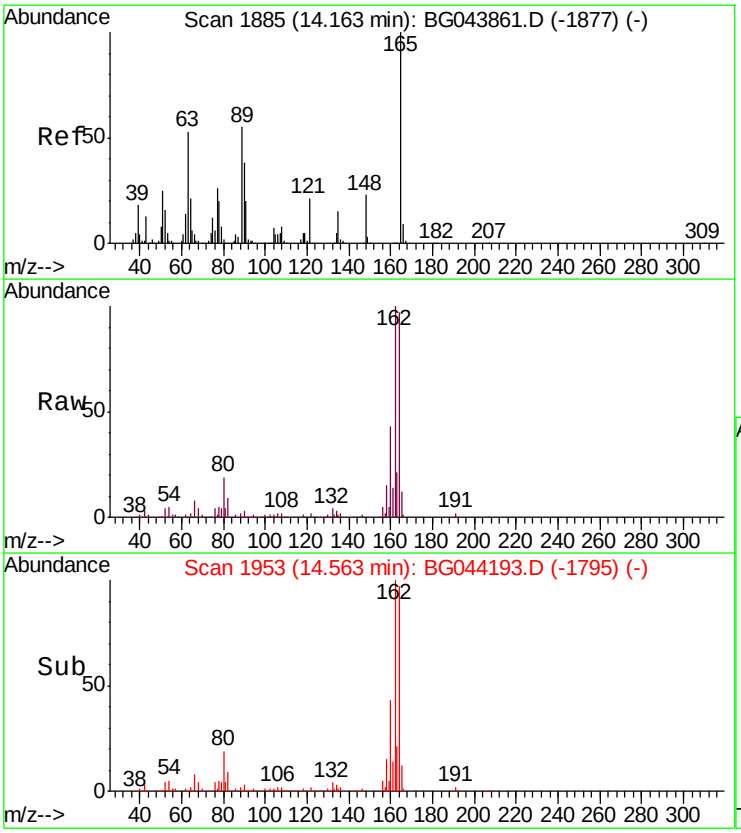
#50
Dimethylphthalate
Concen: 3.137 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:163 Resp: 57304

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5#
164	8.5	9.3	13.9#

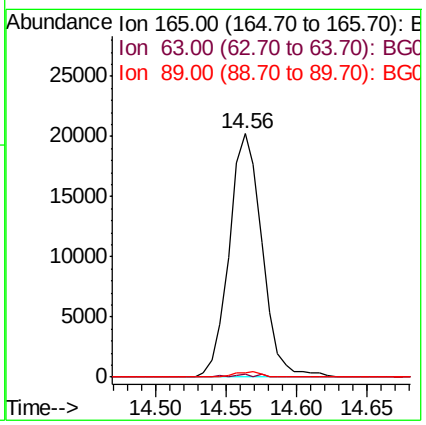


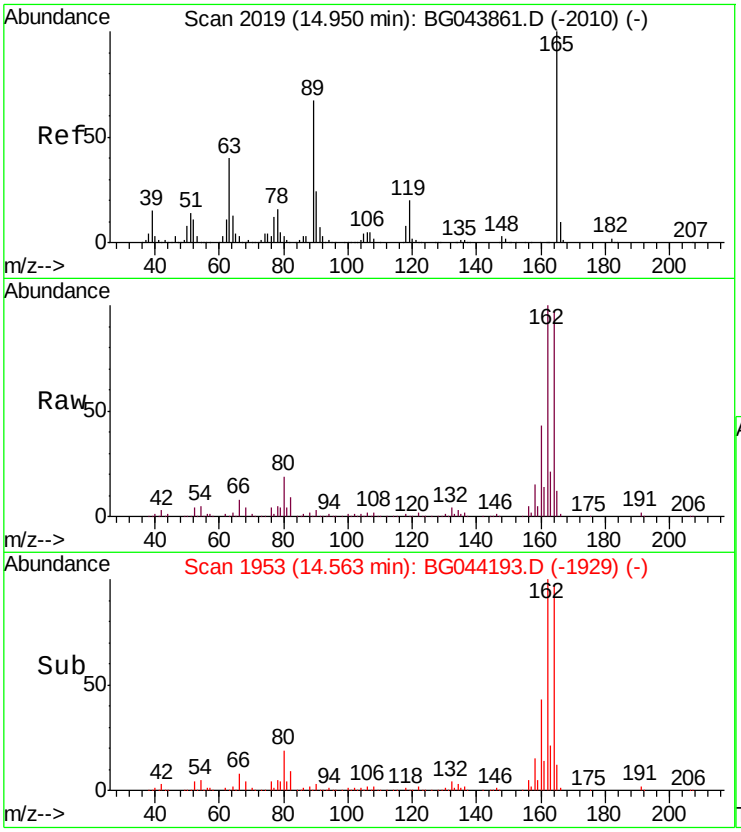


#51
2,6-Dinitrotoluene
Concen: 7.955 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.40 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:165 Resp: 32844

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.1	64.7#
89	1.7	43.8	65.6#



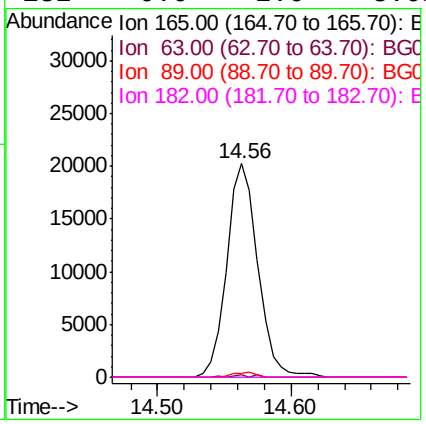


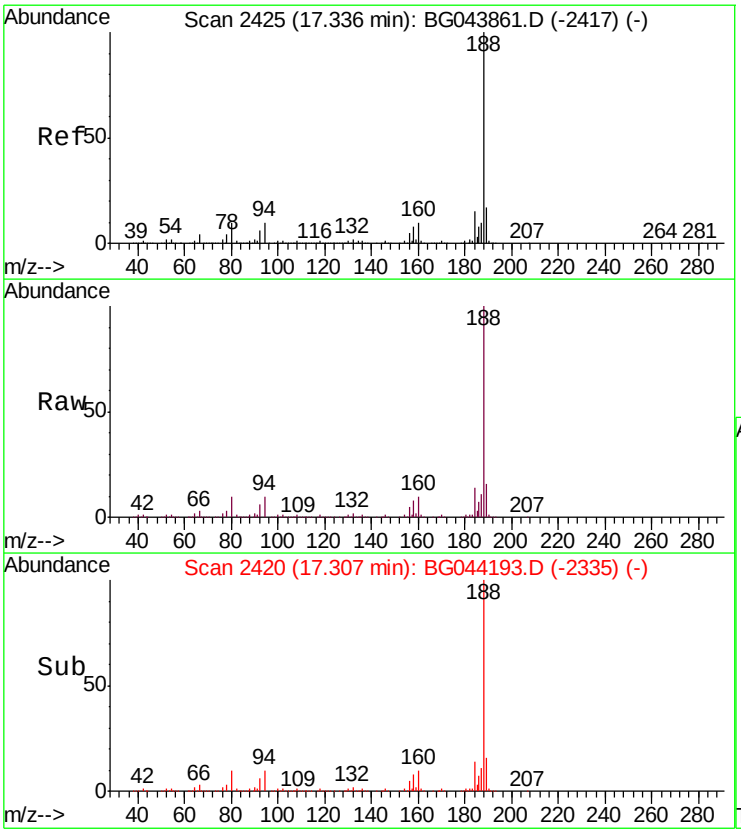
#57
2,4-Dinitrotoluene
Concen: 5.847 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:165 Resp: 32847

Ion	Ratio	Lower	Upper
165	100		
63	1.0	31.9	47.9#
89	1.7	53.8	80.6#
182	0.0	2.0	3.0#

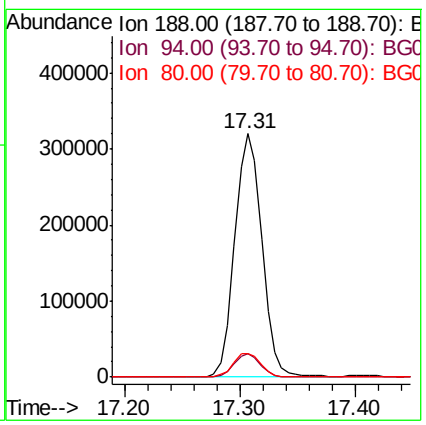


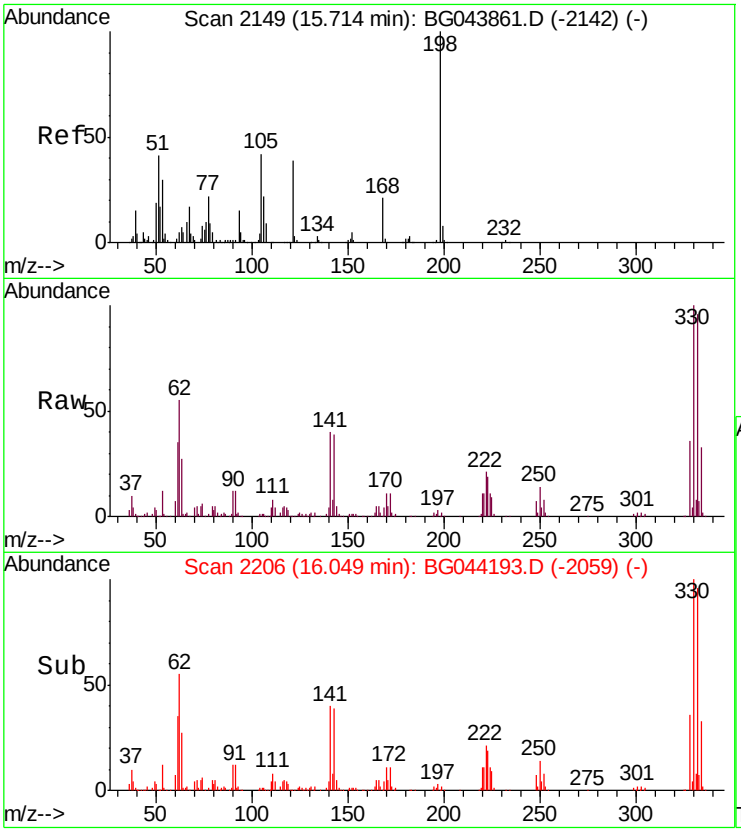


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:188 Resp: 520702

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	9.8	8.2	12.4



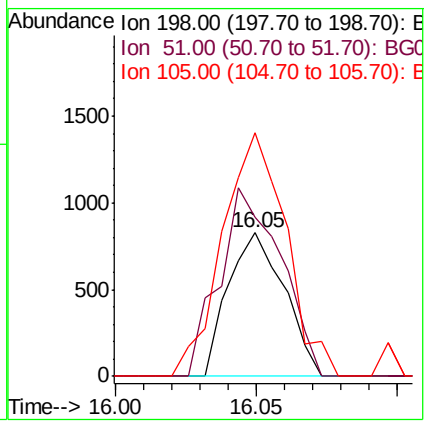


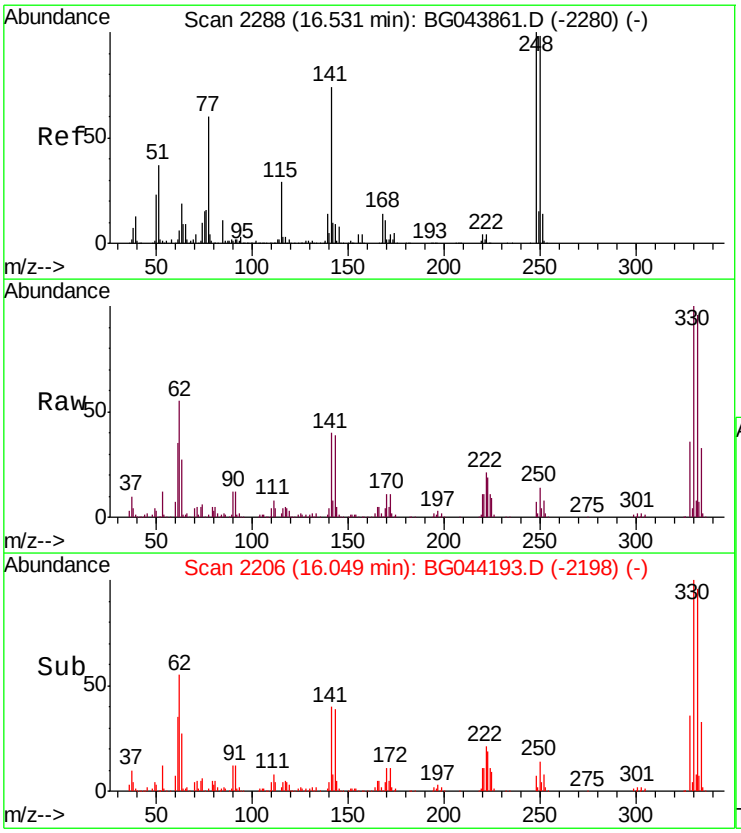
#65
4,6-Dinitro-2-methylphenol
Concen: 4.774 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.34 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:198 Resp: 1136

Ion	Ratio	Lower	Upper
198	100		
51	110.8	22.5	62.5#
105	169.9	22.3	62.3#

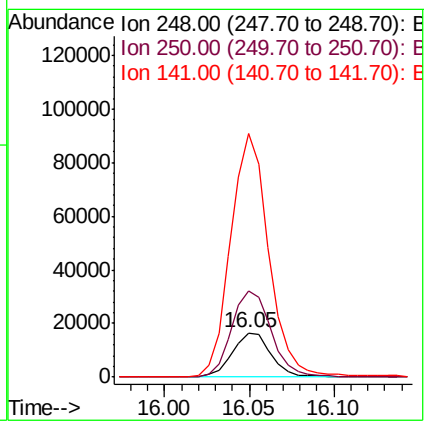


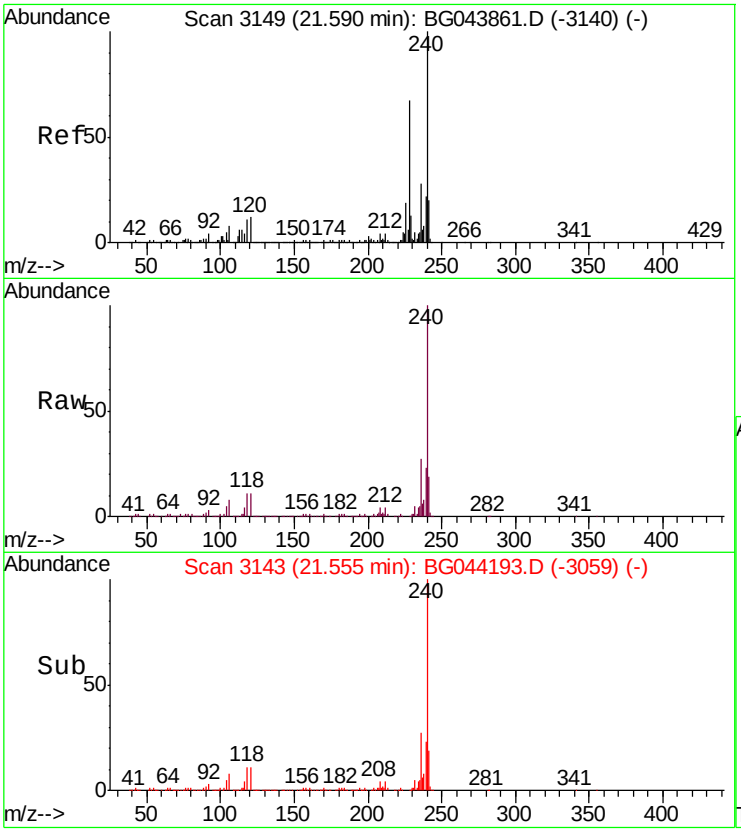


#67
4-Bromophenyl-phenylether
Concen: 4.514 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.48 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:248 Resp: 26433

Ion	Ratio	Lower	Upper
248	100		
250	194.6	78.2	117.2#
141	549.7	59.3	88.9#



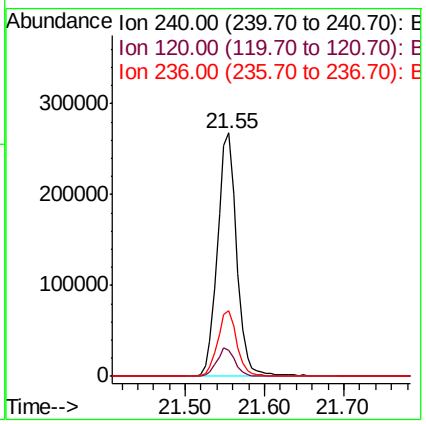


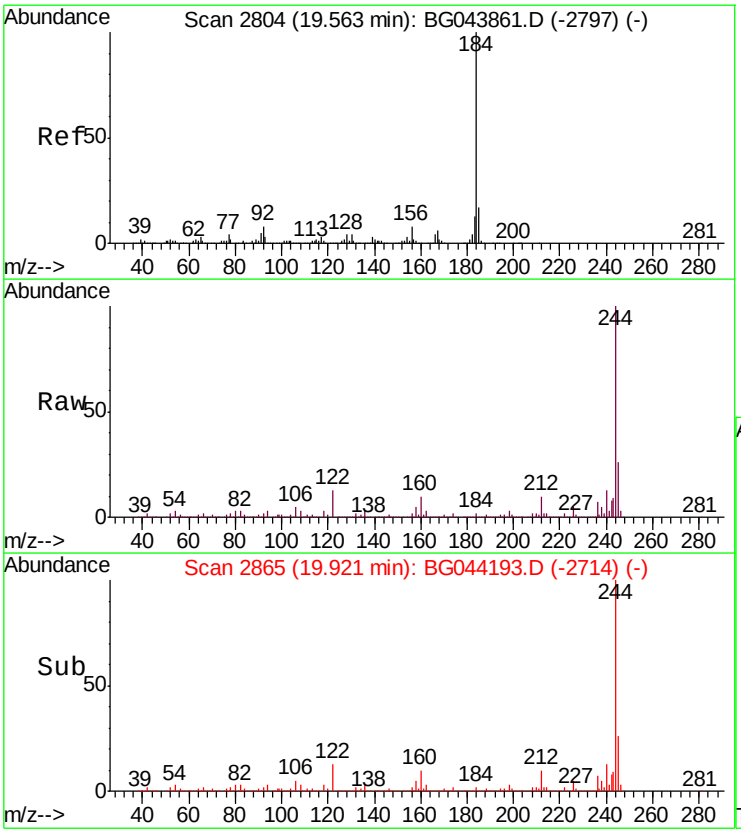
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:240 Resp: 451651

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	27.2	22.2	33.2

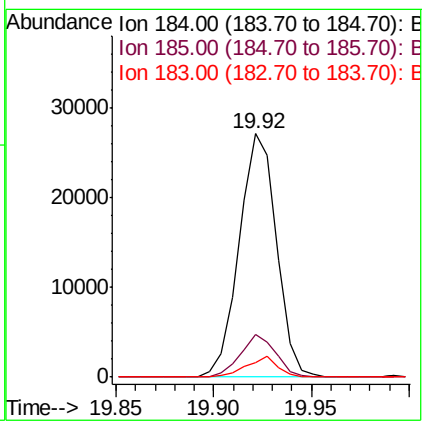


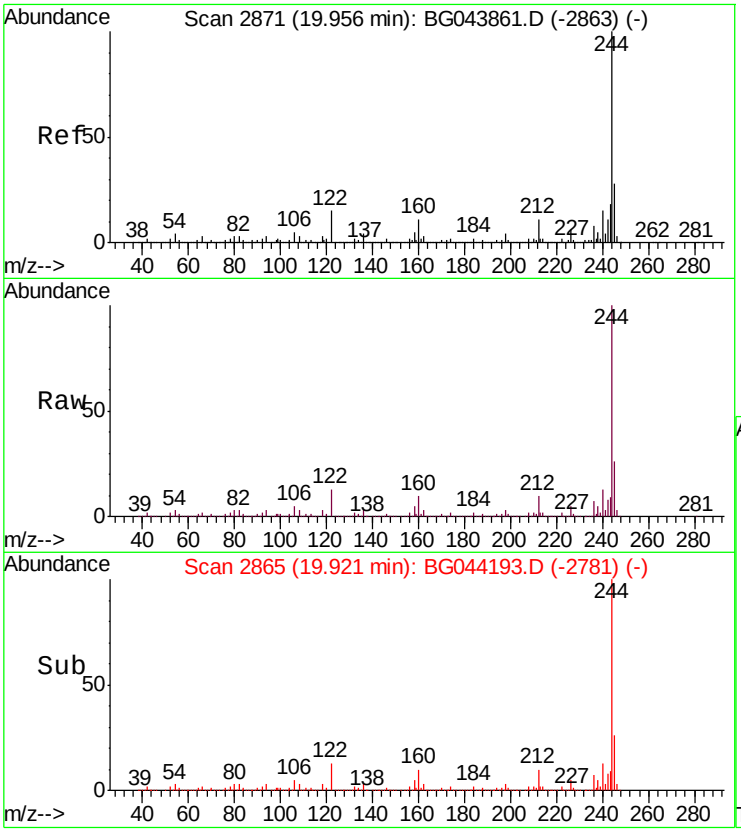


#77
Benzidine
Concen: 3.154 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:184 Resp: 35806

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.4	20.0
183	5.9	10.6	15.8#



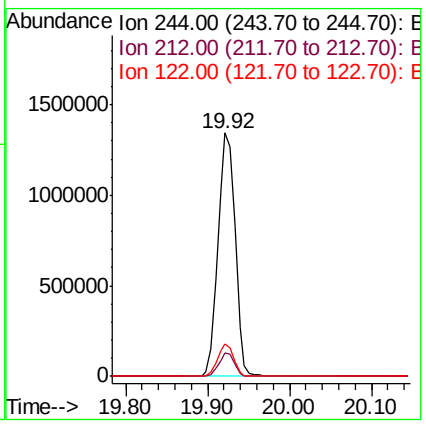


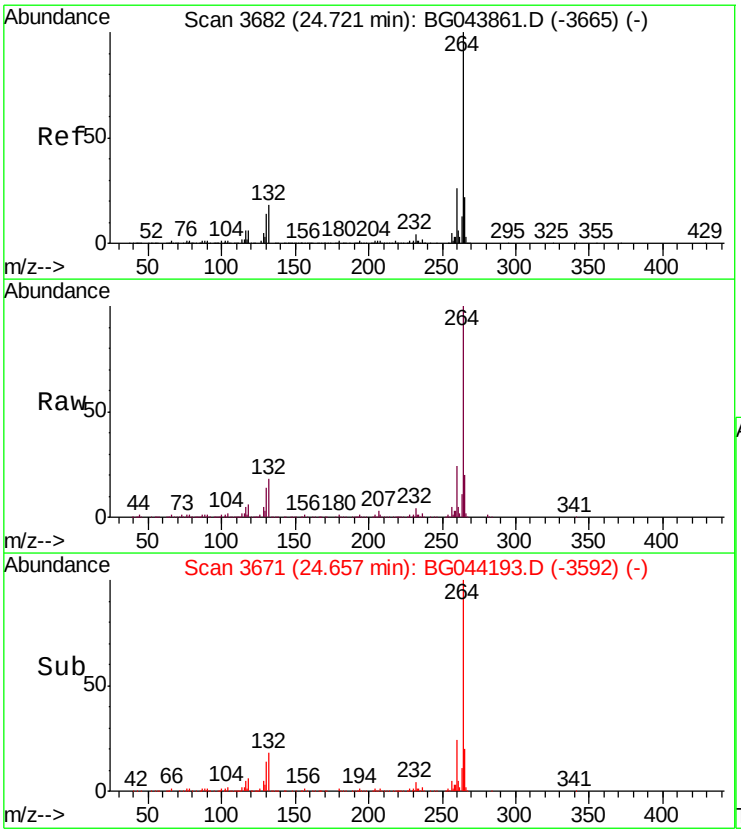
#79
Terphenyl-d14
Concen: 115.006 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Instrument :
BNA_G
ClientSampleId :
20200047-FIELD-BLANK

Tgt Ion:244 Resp: 1972899

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	13.3	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044193.D
Acq: 24 Jan 2020 22:21

Tgt Ion:264 Resp: 503236

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	20.4	17.4	26.2