Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\

Quantitation Report (Not Reviewed)

Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Time: Jan 11 04:15:16 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	7.95	152	110672	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	465327	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	300720	20.00	ng		-0.02
64) Phenanthrene-d10	17.33	188	637460	20.00	ng		0.00
76) Chrysene-d12	21.57	240	561011	20.00	ng		-0.02
87) Perylene-d12	24.69	264	622038	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	856687	142.13	ng		0.00
7) Phenol-d6	7.12	99	1199101	142.32	ng		0.00
23) Nitrobenzene-d5	9.11	82	701357	80.63	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	430431	136.78	ng		-0.02
45) 2-Fluorobiphenyl	13.21	172	1494623	90.05	ng		-0.02
79) Terphenyl-d14	19.94	244	2074388	90.73	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.14	94	31547	3.634	ng		91
19) n-Nitroso-di-n-propylamine	9.10	70	92252	14.703	ng	#	80
50) Dimethylphthalate	14.03	163	145549	6.817	ng	#	96
57) 2,4-Dinitrotoluene	14.58	165	38749	5.901	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1428	4.785	ng	#	1
67) 4-Bromophenyl-phenylether	16.07	248	30042	4.190	ng	#	1
77) Benzidine	19.94	184	38352	2.720	ng	#	91

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

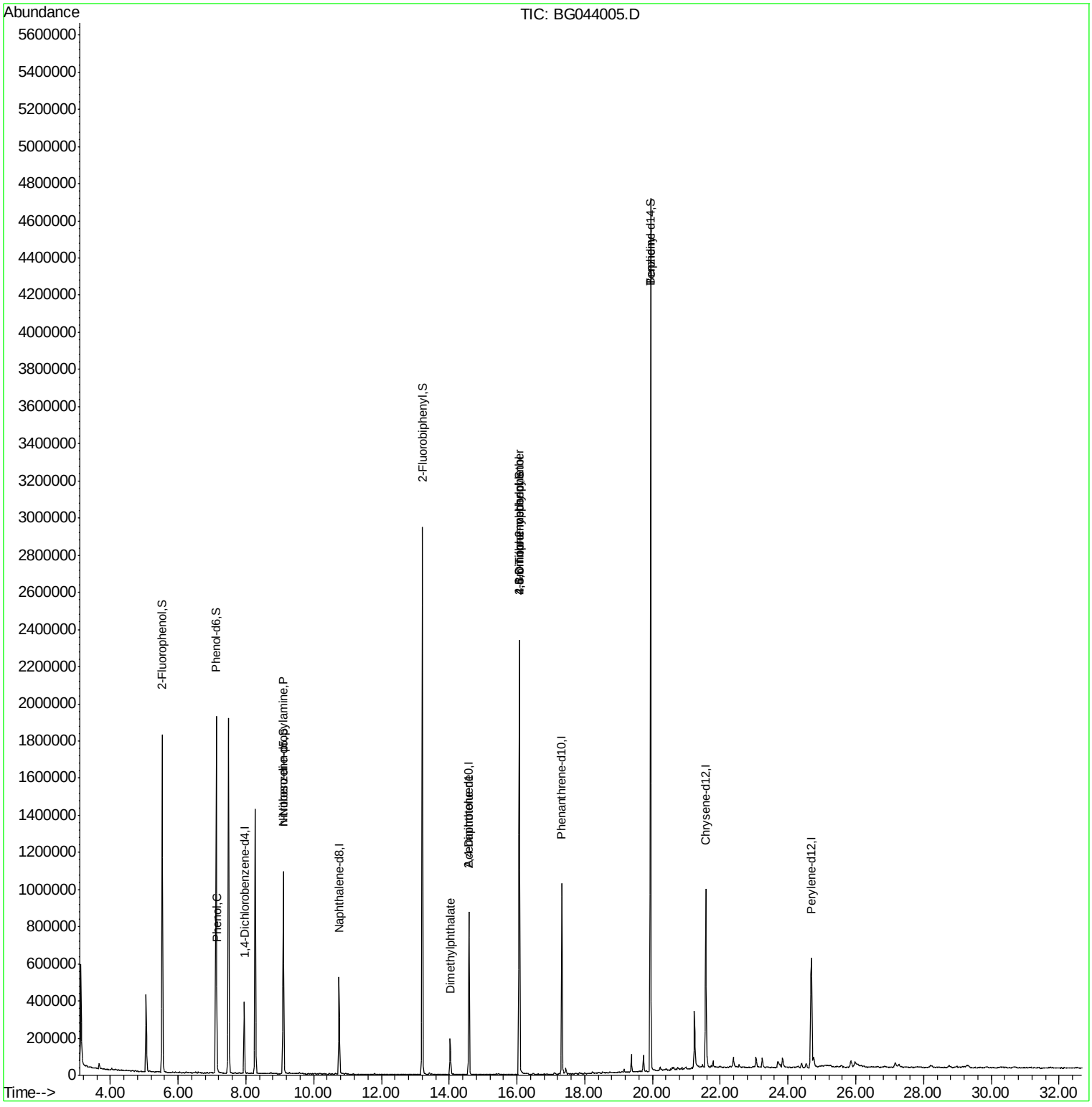
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\

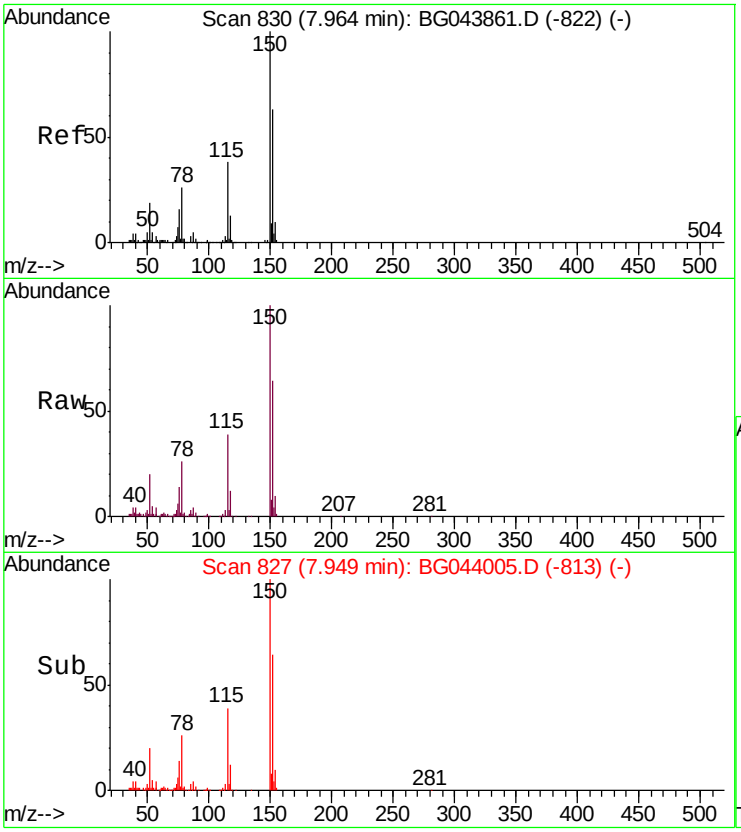
Quantitation Report (Not Reviewed)

Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Time: Jan 11 04:15:16 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



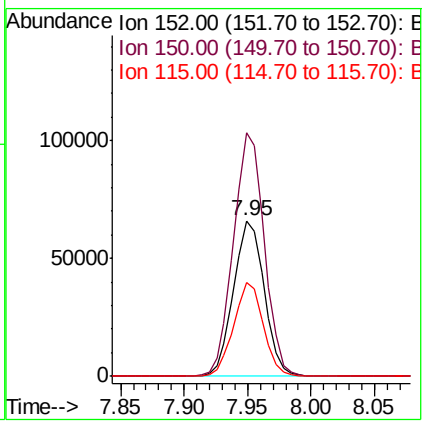


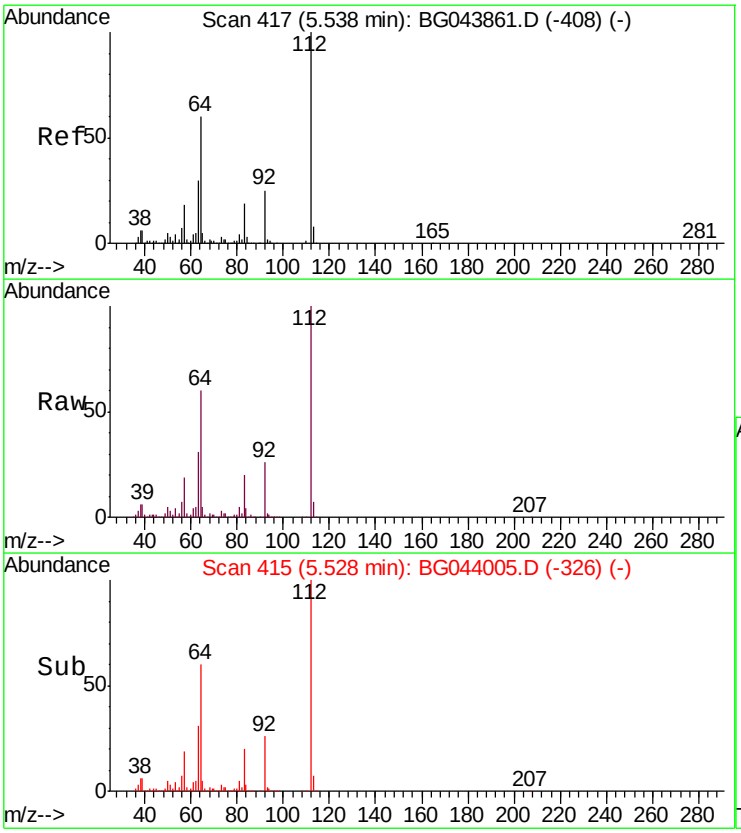
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:152 Resp: 110672

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.0	190.4
115	60.6	47.8	71.8

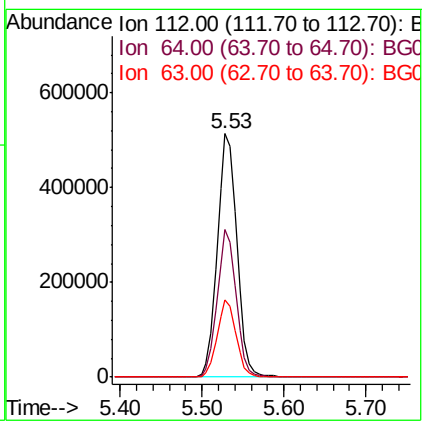


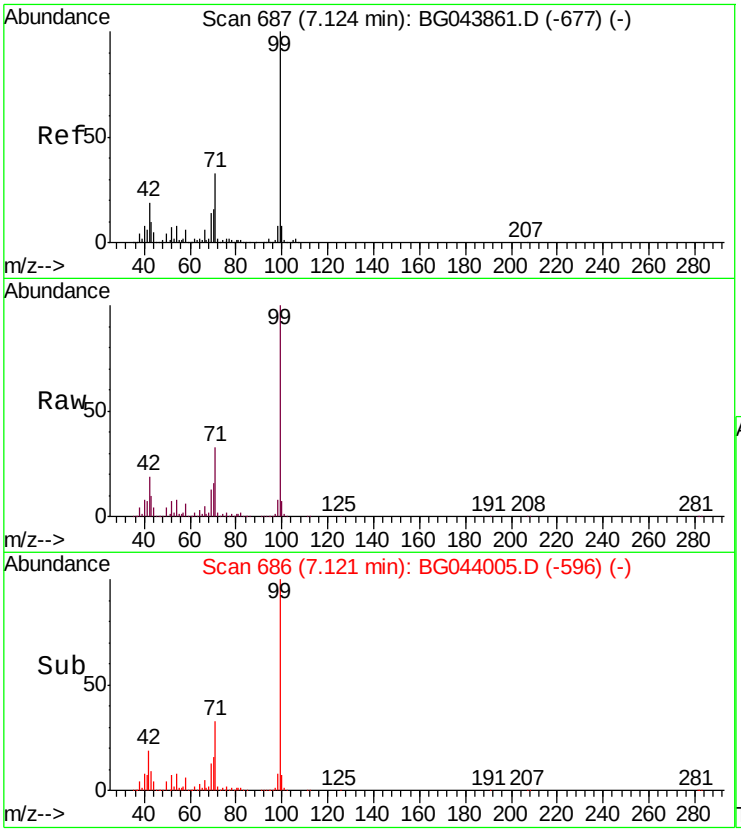


#5
2-Fluorophenol
Concen: 142.130 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:112 Resp: 856687

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.8	71.6
63	31.5	24.3	36.5



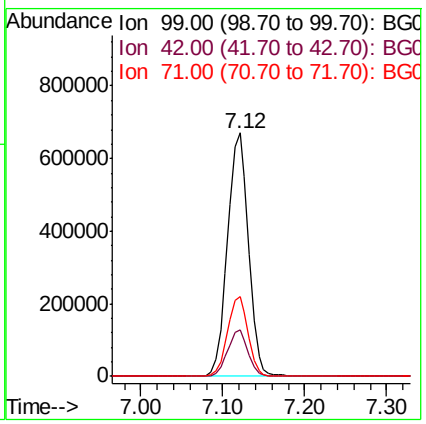


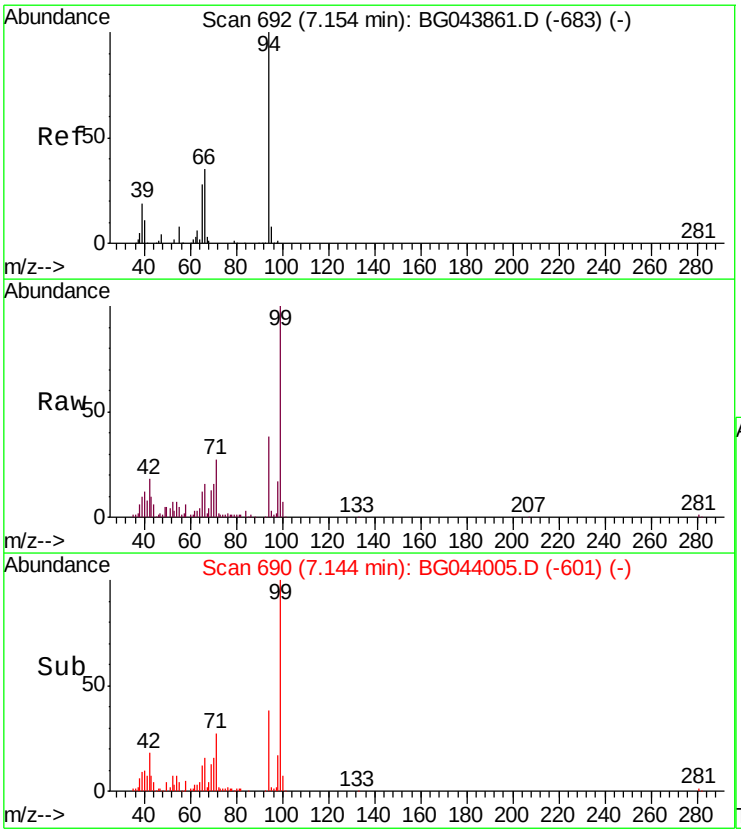
#7
Phenol-d6
Concen: 142.321 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion: 99 Resp: 1199101

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	33.0	26.4	39.6

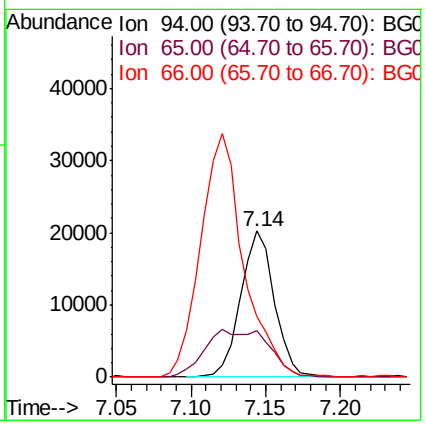


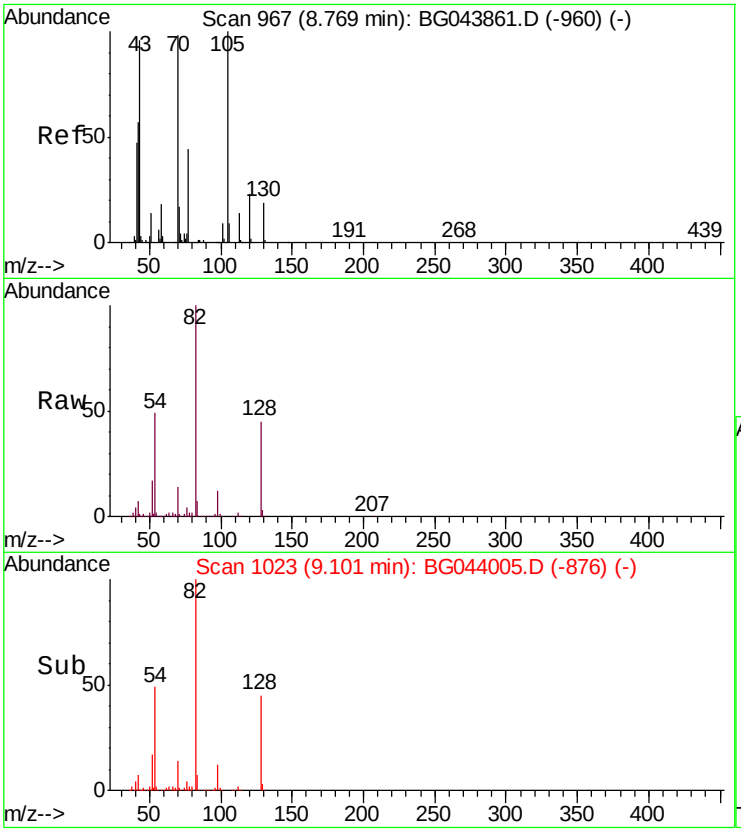


#10
Phenol
Concen: 3.634 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion: 94 Resp: 31547

Ion	Ratio	Lower	Upper
94	100		
65	32.1	8.1	48.1
66	41.1	15.6	55.6



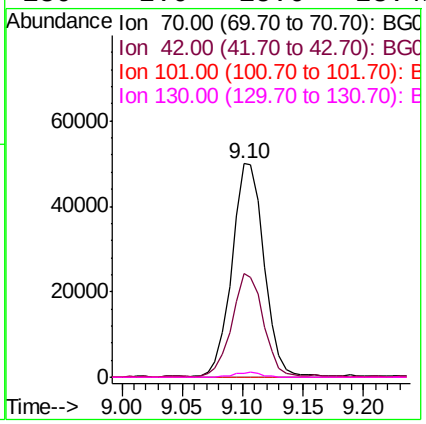


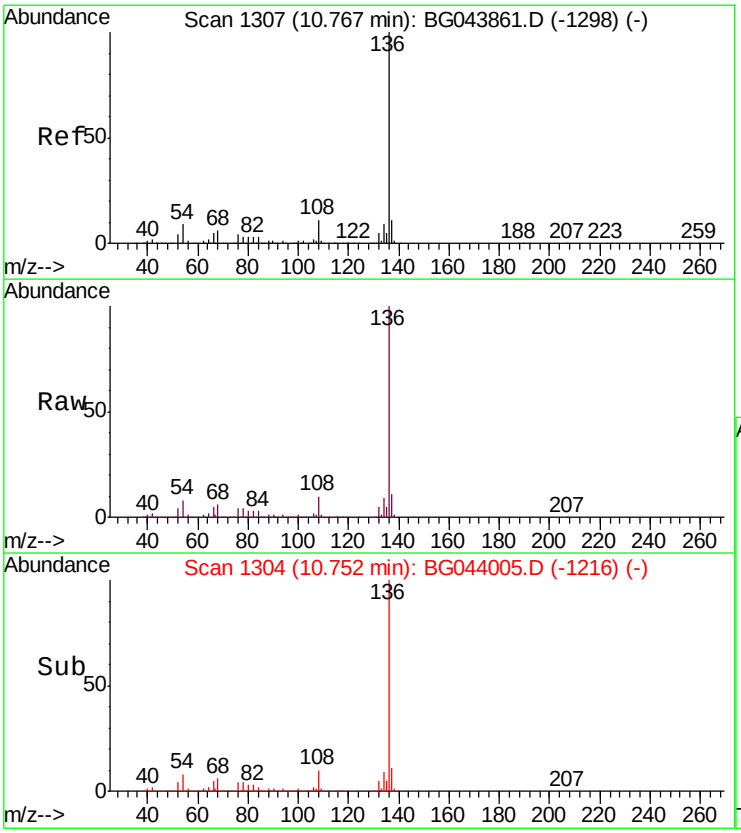
#19
n-Nitroso-di-n-propylamine
Concen: 14.703 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.33 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion: 70 Resp: 92252

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.0	70.4
101	0.0	7.2	10.8#
130	2.0	15.6	23.4#

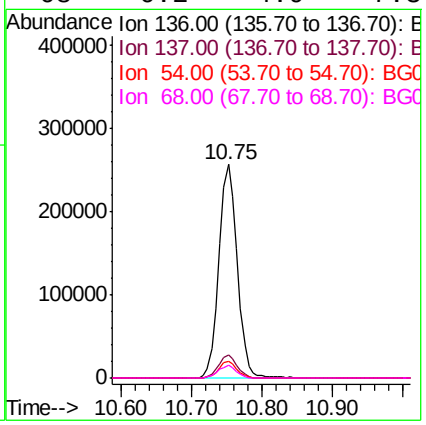


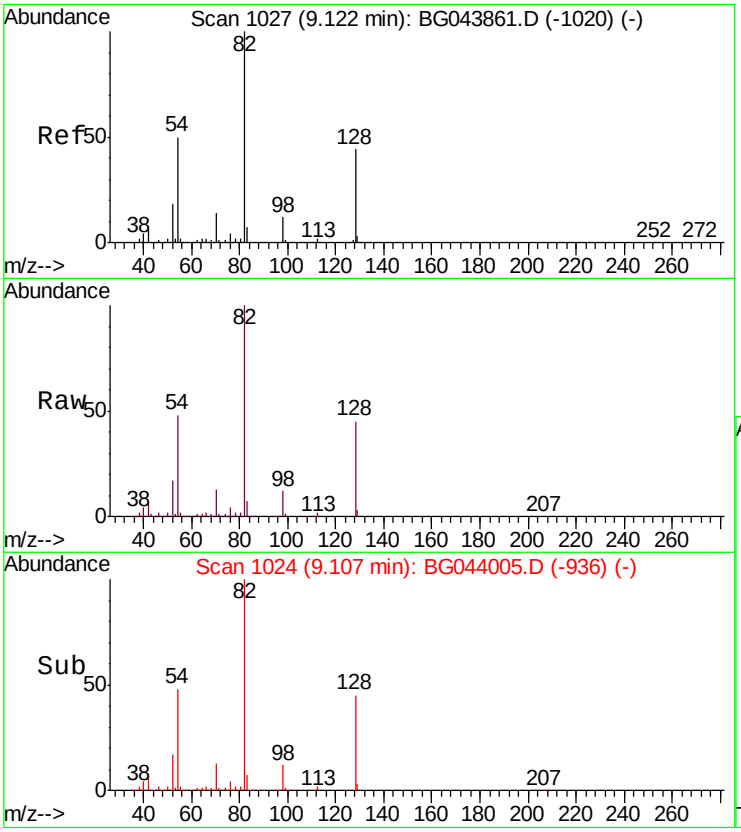


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:136 Resp: 465327

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.0	10.4
68	6.2	4.9	7.3



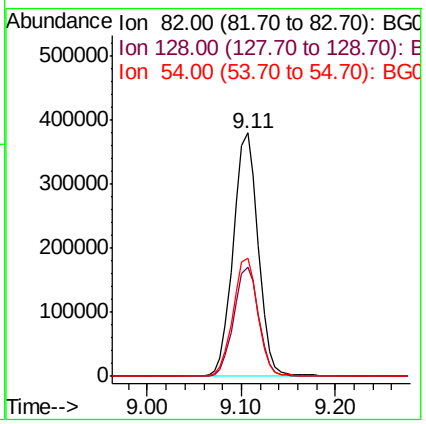


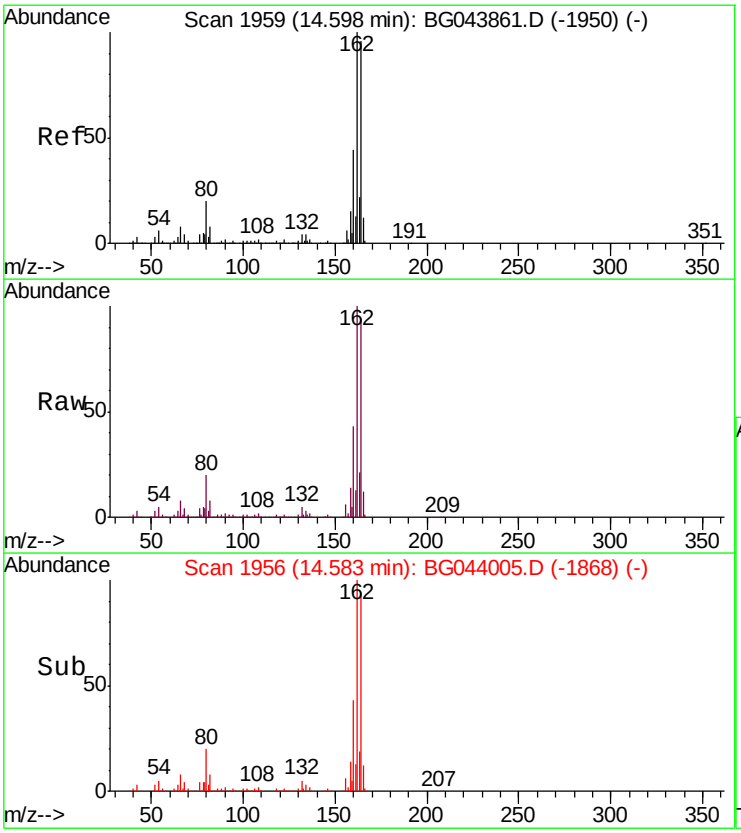
#23
Nitrobenzene-d5
Concen: 80.631 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion: 82 Resp: 701357

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	48.3	40.1	60.1

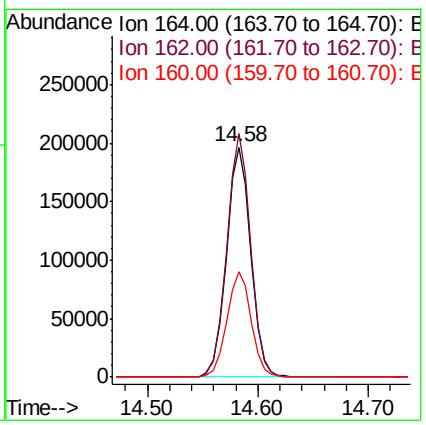


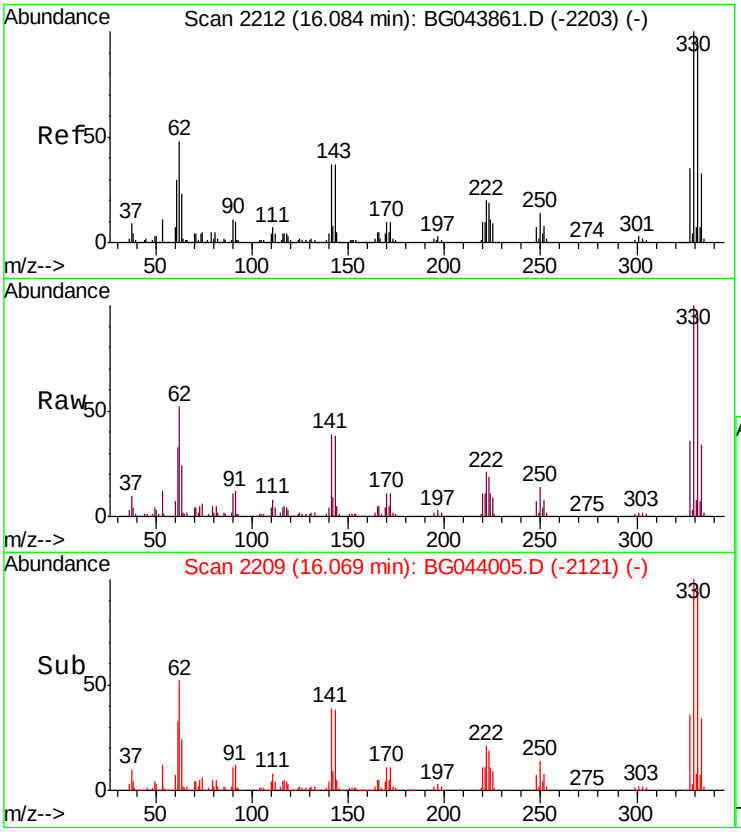


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:164 Resp: 300720

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.0	124.4
160	46.1	36.1	54.1



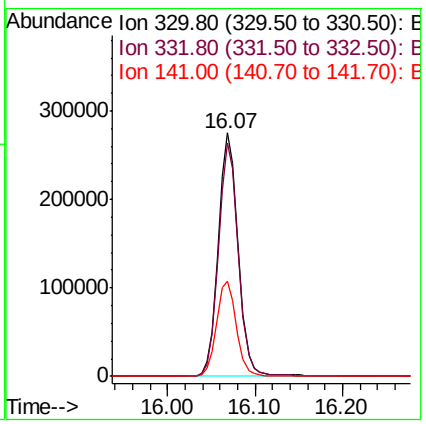


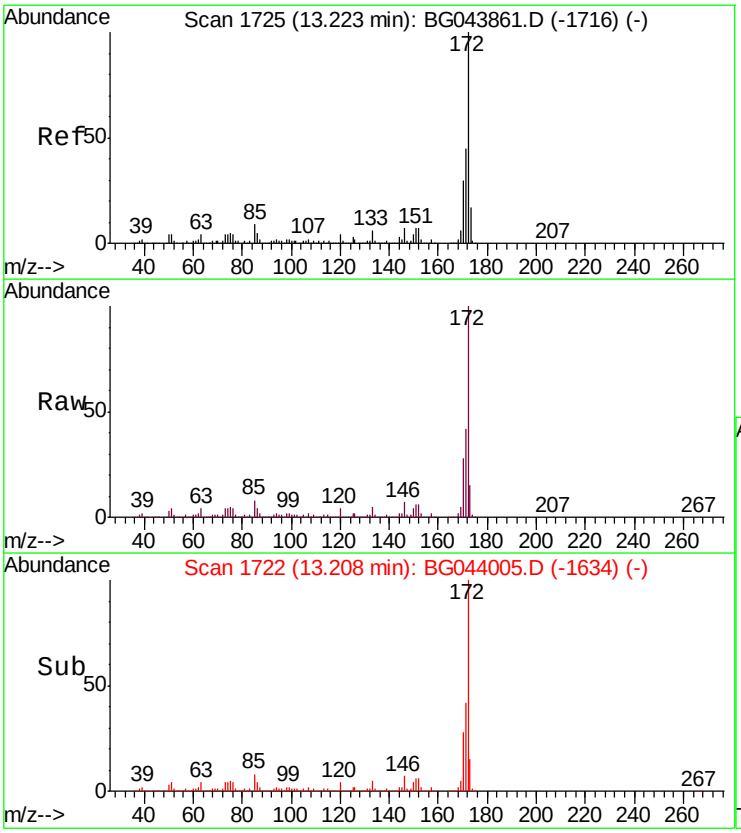
#42
2,4,6-Tribromophenol
Concen: 136.776 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:330 Resp: 430431

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	39.4	33.1	49.7

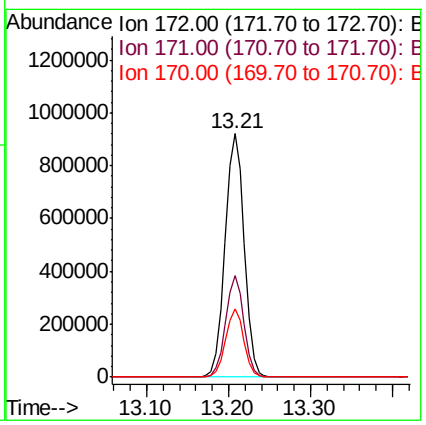


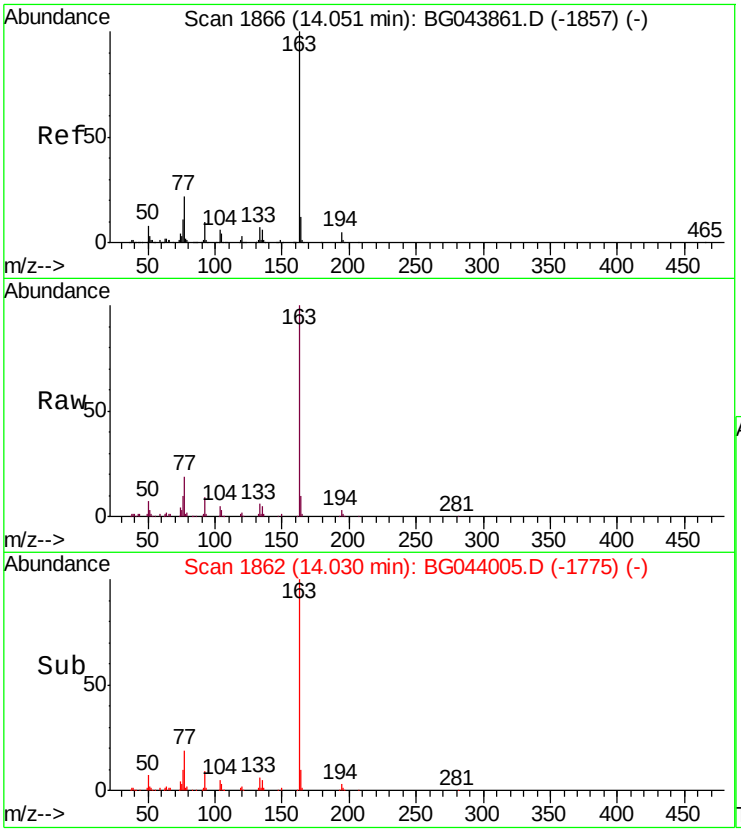


#45
2-Fluorobiphenyl
Concen: 90.048 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:172 Resp: 1494623

Ion	Ratio	Lower	Upper
172	100		
171	41.5	35.8	53.8
170	27.8	24.2	36.4



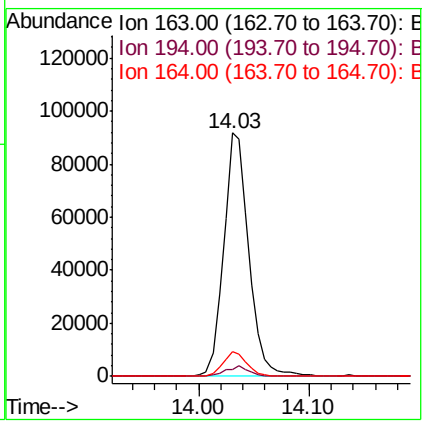


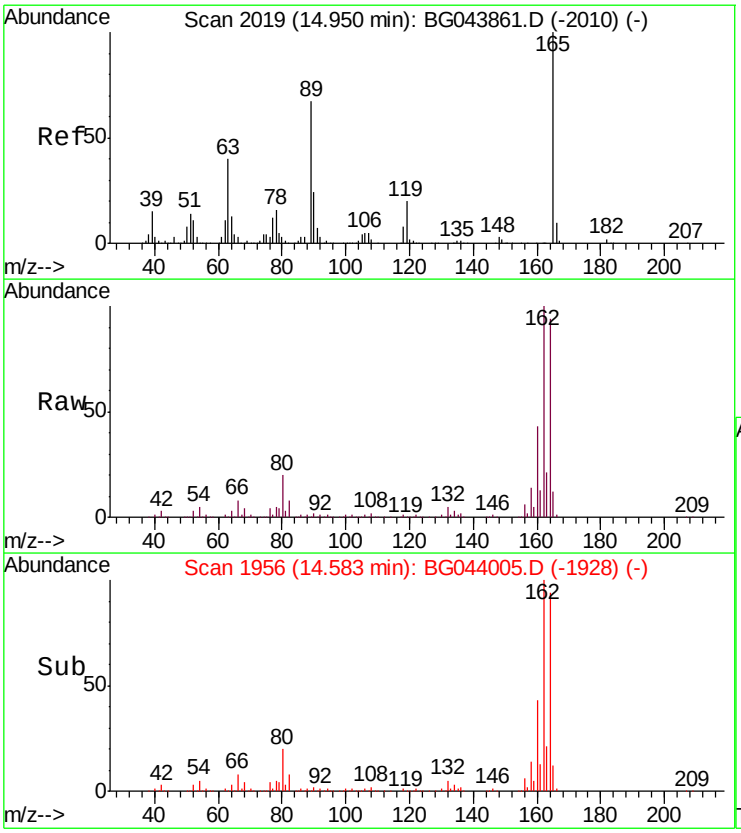
#50
Dimethylphthalate
Concen: 6.817 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:163 Resp: 145549

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.7	5.5#
164	10.1	9.3	13.9

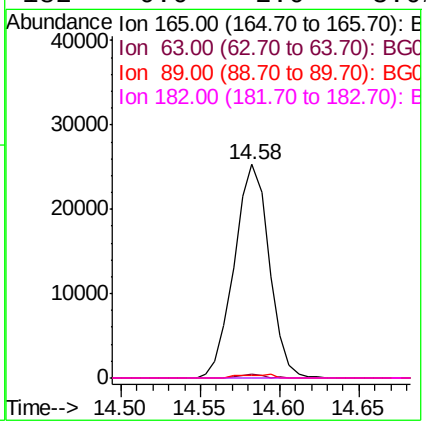


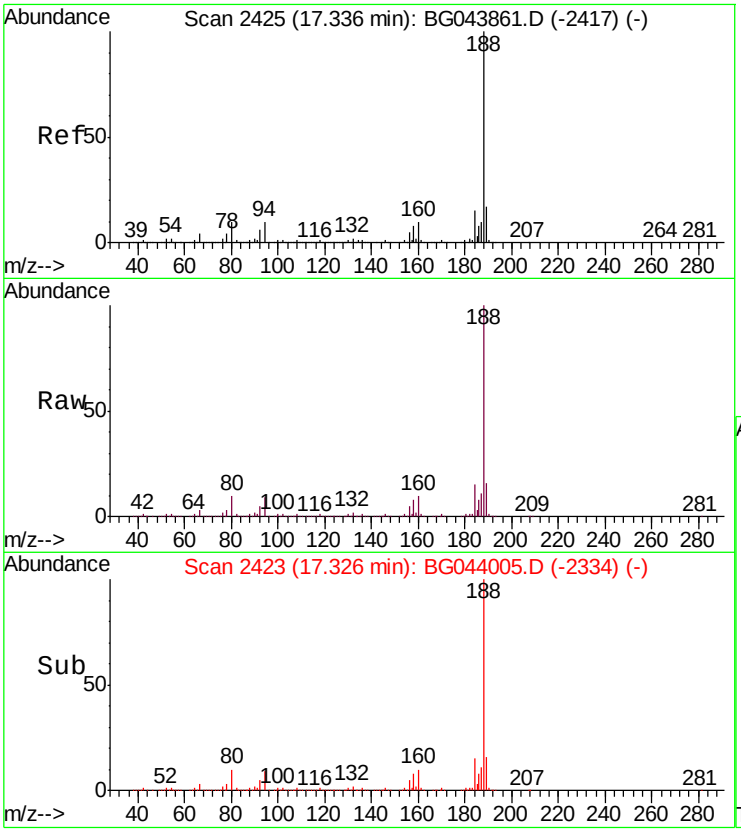


#57
2,4-Dinitrotoluene
Concen: 5.901 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.37 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:165 Resp: 38749

Ion	Ratio	Lower	Upper
165	100		
63	1.7	31.9	47.9#
89	1.5	53.8	80.6#
182	0.0	2.0	3.0#



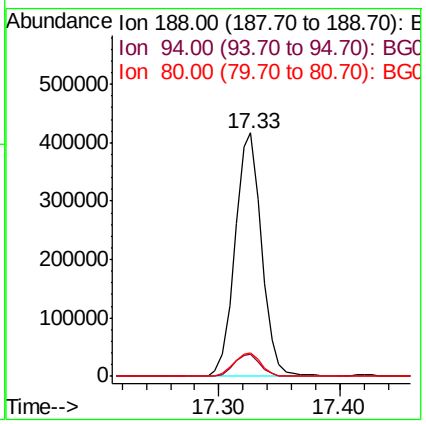


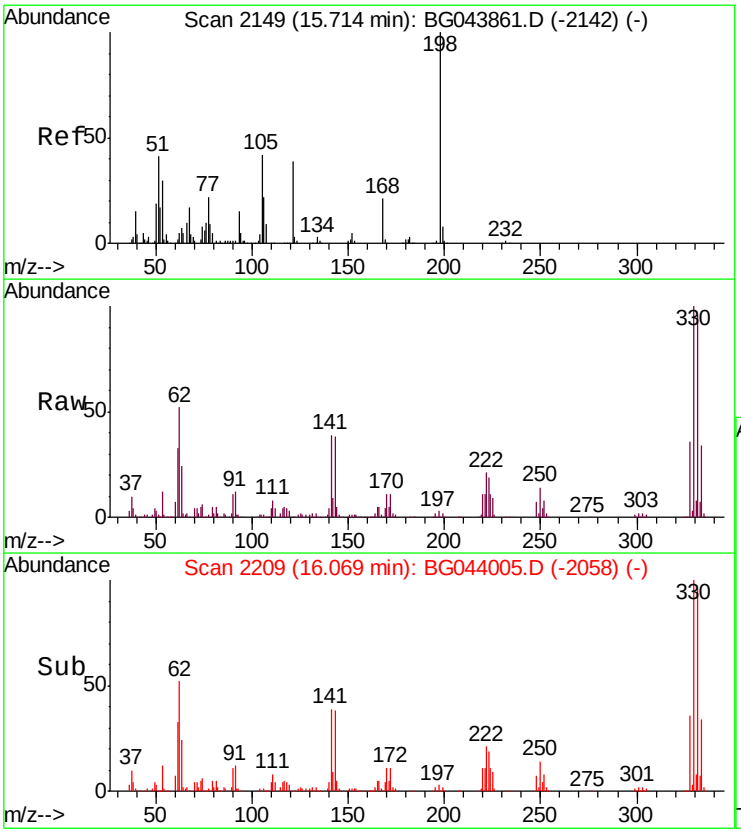
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:188 Resp: 637460

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.8	8.2	12.4

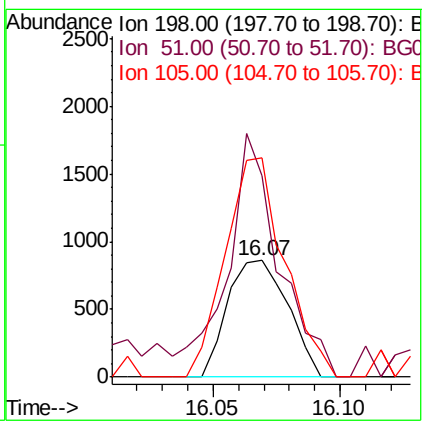


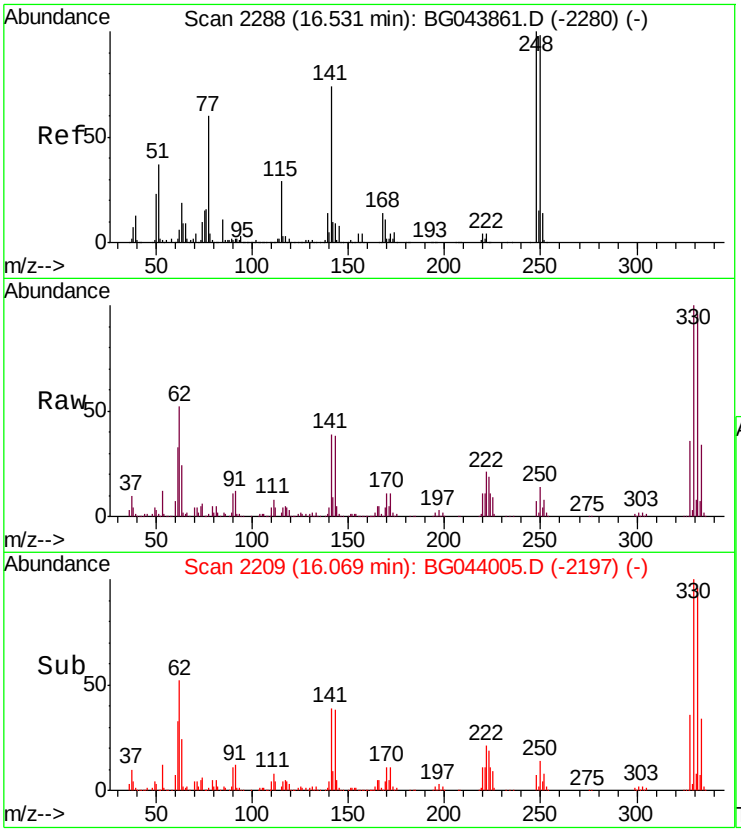


#65
4,6-Dinitro-2-methylphenol
Concen: 4.785 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.36 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:198 Resp: 1428

Ion	Ratio	Lower	Upper
198	100		
51	172.4	22.5	62.5#
105	187.9	22.3	62.3#



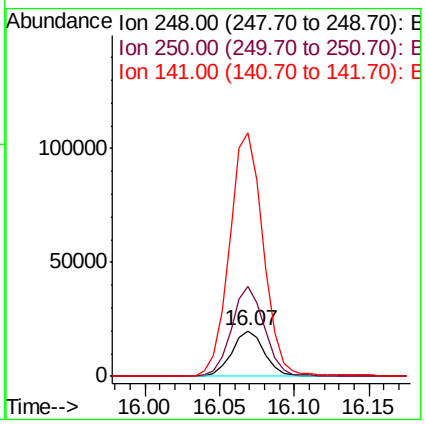


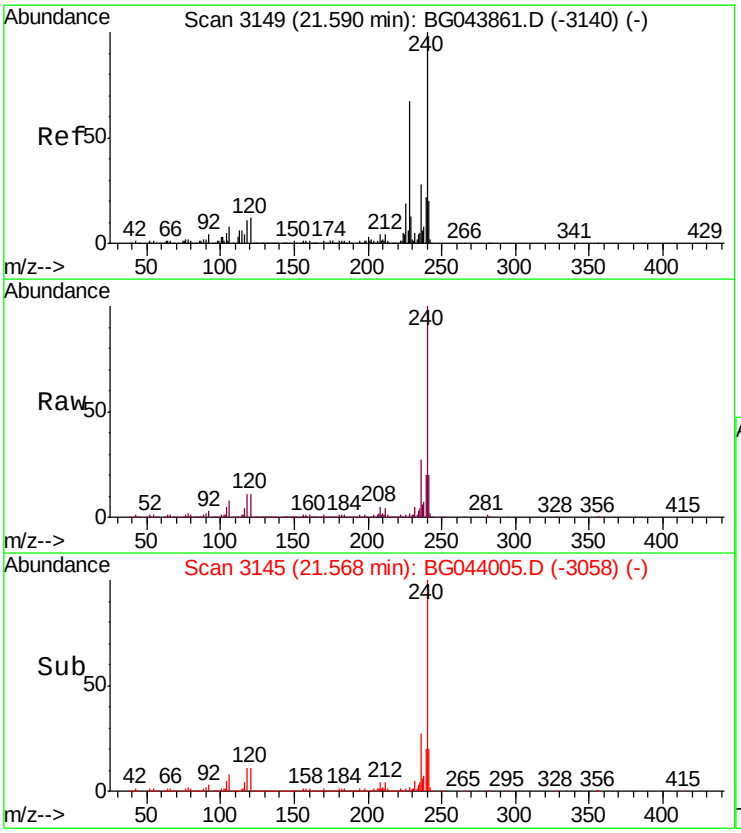
#67
4-Bromophenyl-phenylether
Concen: 4.190 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.46 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:248 Resp: 30042

Ion	Ratio	Lower	Upper
248	100		
250	197.3	78.2	117.2#
141	535.3	59.3	88.9#

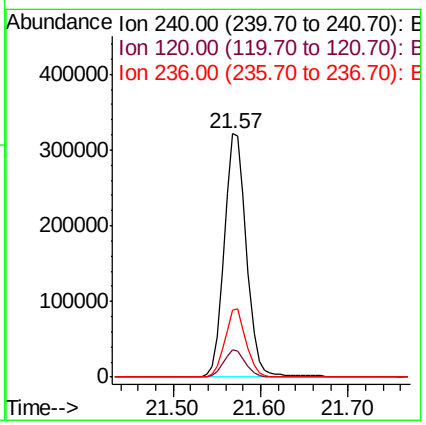


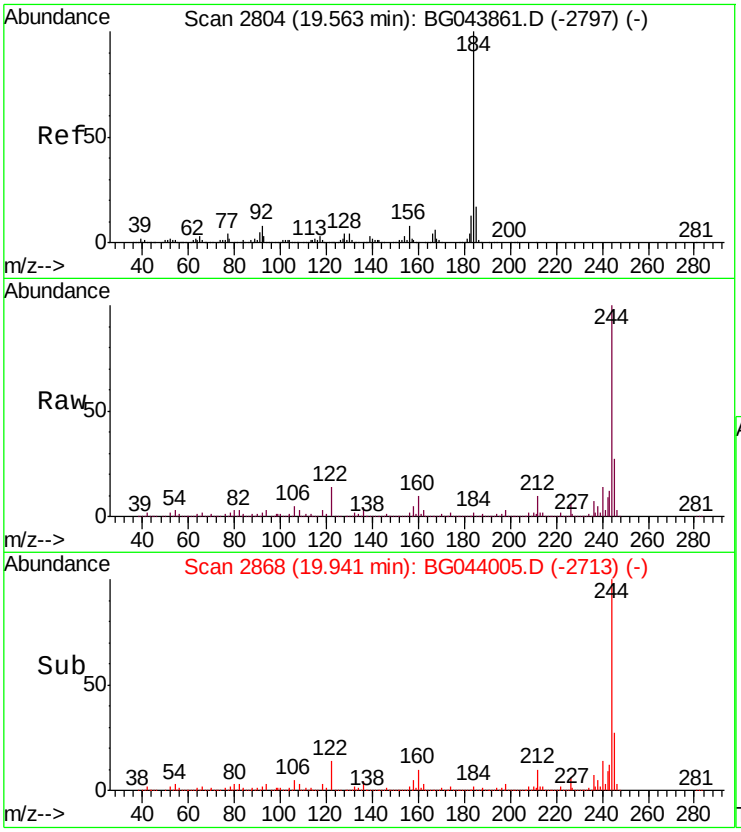


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:240 Resp: 561011

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	27.3	22.2	33.2



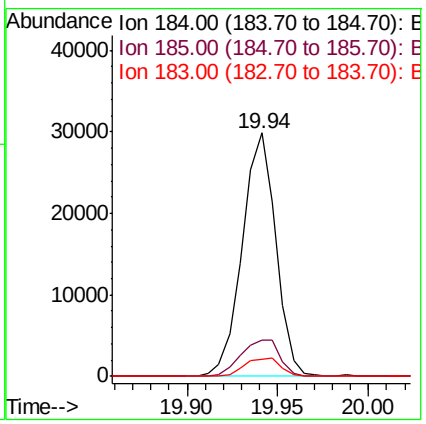


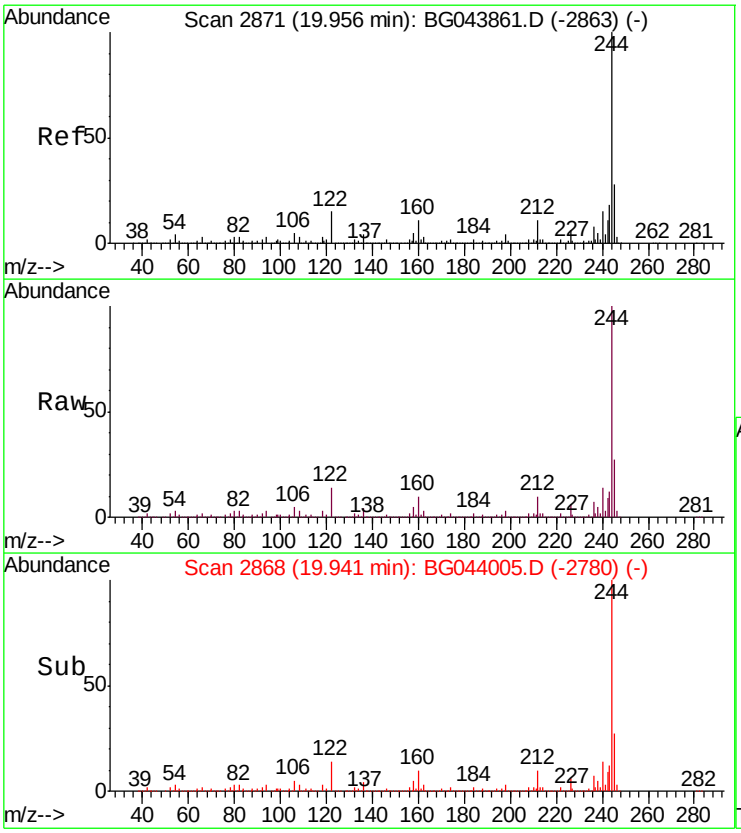
#77
Benzidine
Concen: 2.720 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:184 Resp: 38352

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.0
183	7.1	10.6	15.8#

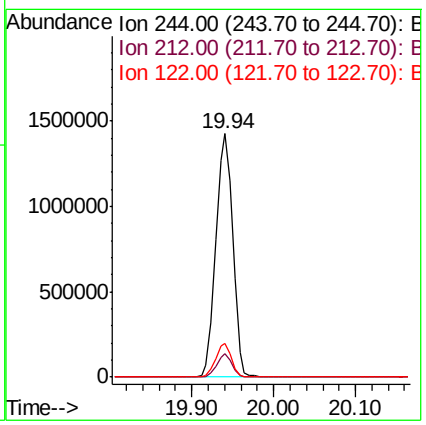


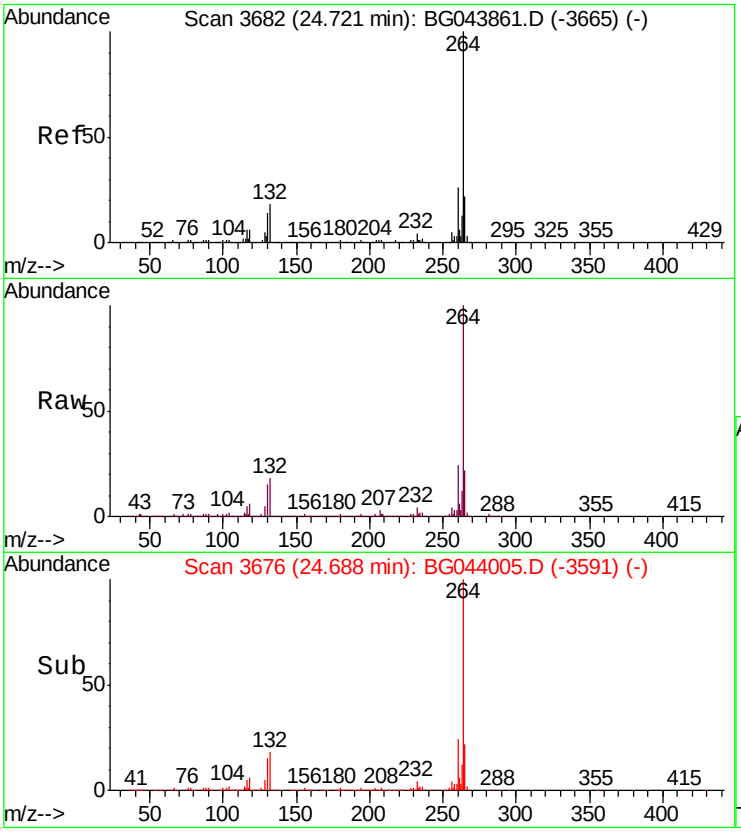


#79
Terphenyl-d14
Concen: 90.731 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:244 Resp: 2074388

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	13.6	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:264 Resp: 622038

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.4	17.4	26.2