Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010820\

Quantitation Report (Not Reviewed)

Data File : BG043989.D
Acq On : 9 Jan 2020 6:29
Operator : JU
Sample : L1039-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 225-230

Quant Time: Jan 09 07:58:18 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	115932	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	466593	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	303260	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	664931	20.00	ng	0.00
76) Chrysene-d12	21.57	240	583054	20.00	ng	-0.02
87) Perylene-d12	24.69	264	595353	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	877336	138.95	ng	0.00
7) Phenol-d6	7.12	99	1190768	134.92	ng	0.00
23) Nitrobenzene-d5	9.11	82	707232	81.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	453769	142.98	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1539811	91.99	ng	-0.02
79) Terphenyl-d14	19.94	244	2262432	97.02	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	25874	9.398	ng	# 1
19) n-Nitroso-di-n-propylamine	9.11	70	94232	14.337	ng	# 80
51) 2,6-Dinitrotoluene	14.58	165	39683	8.154	ng	# 26
57) 2,4-Dinitrotoluene	14.58	165	39683	5.992	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1900	4.894	ng	# 1
67) 4-Bromophenyl-phenylether	16.07	248	32827	4.390	ng	# 1
77) Benzidine	19.94	184	43906	2.996	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010820\

Quantitation Report (Not Reviewed)

Data File : BG043989.D
Acq On : 9 Jan 2020 6:29
Operator : JU
Sample : L1039-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 225-230

Quant Time: Jan 09 07:58:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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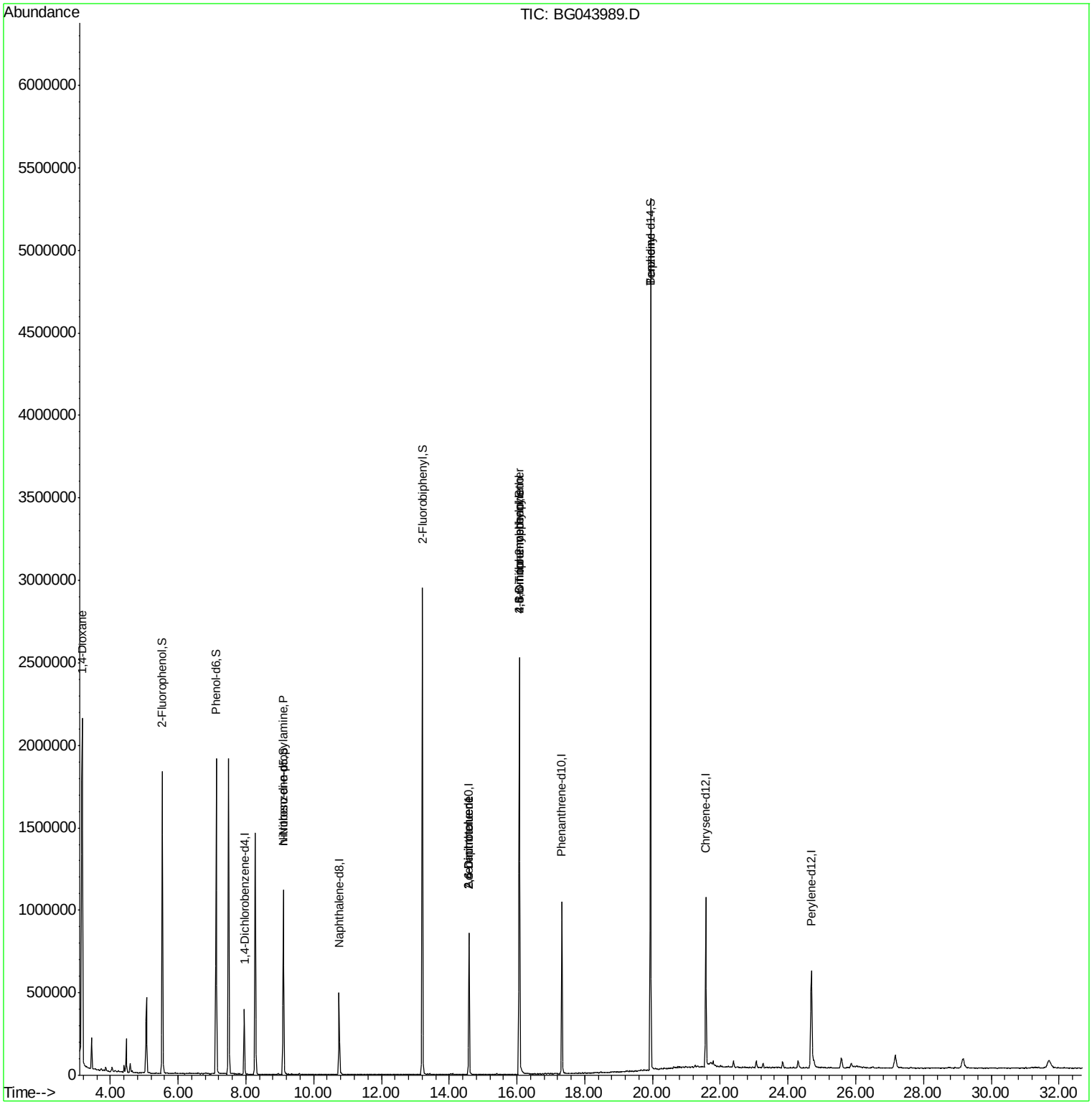
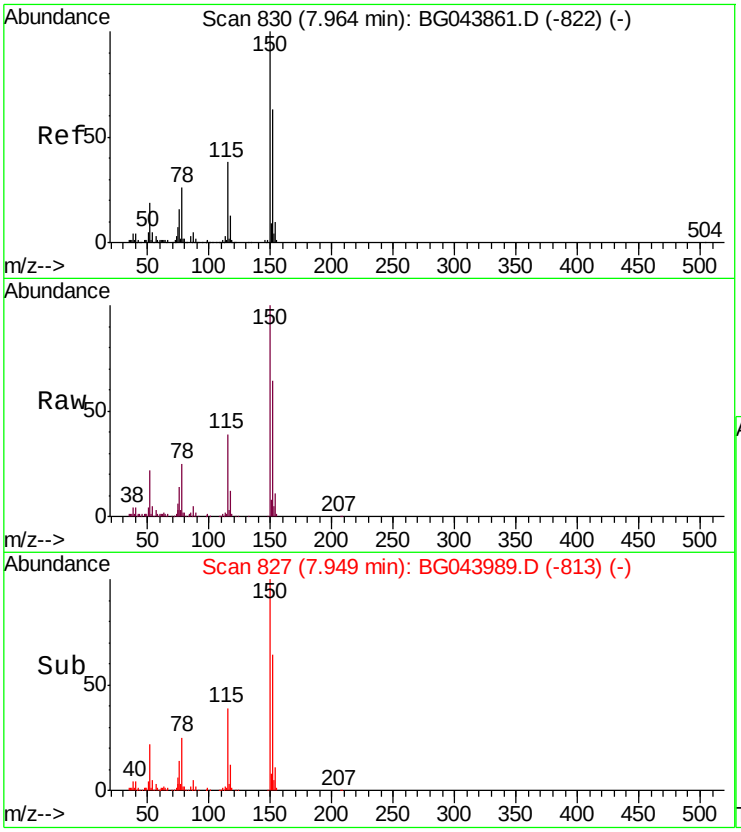


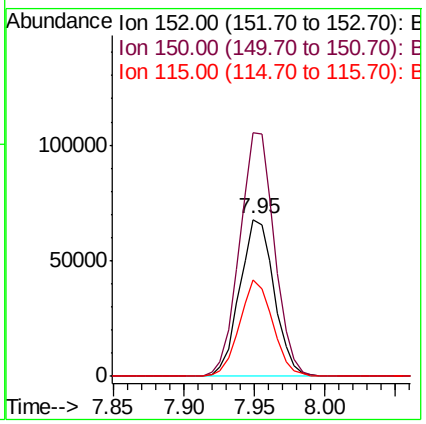


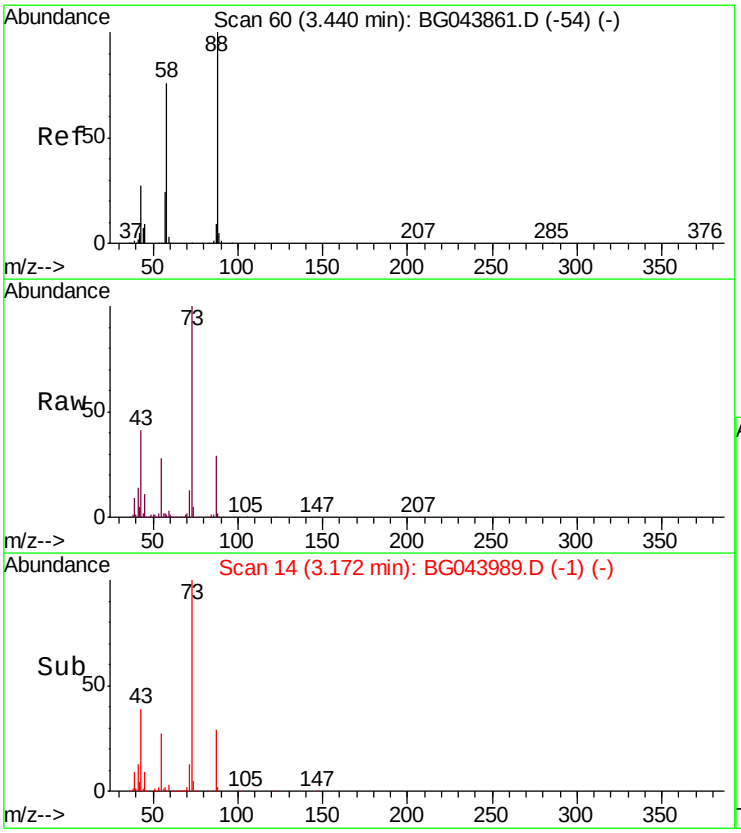
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:152 Resp: 115932

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.0	190.4
115	61.3	47.8	71.8

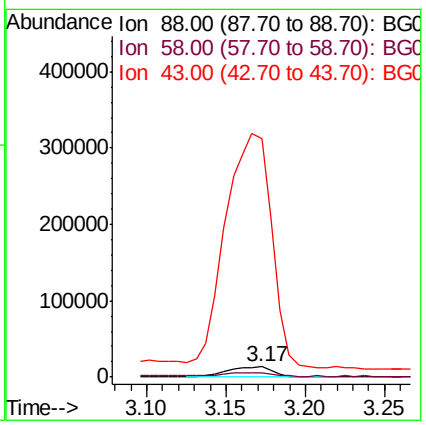


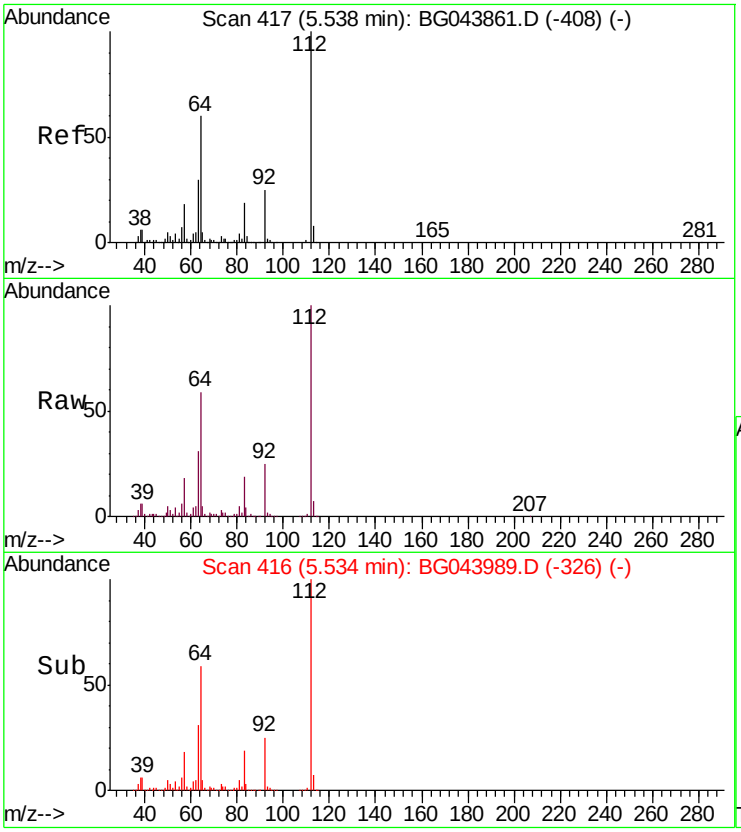


#2
1,4-Dioxane
Concen: 9.398 ng
RT: 3.17 min Scan# 14
Delta R.T. -0.27 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion: 88 Resp: 25874

Ion	Ratio	Lower	Upper
88	100		
58	38.8	59.8	89.8#
43	2385.3	22.9	34.3#



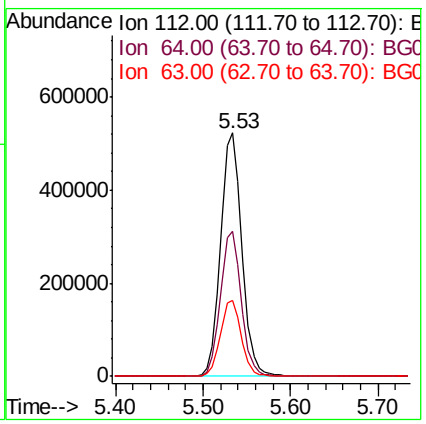


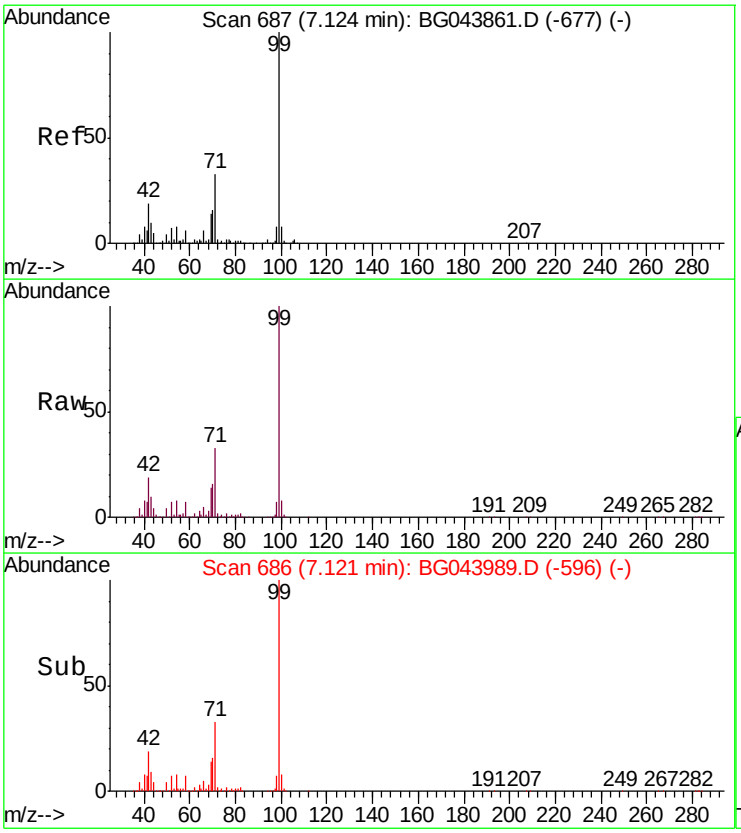
#5
2-Fluorophenol
Concen: 138.952 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:112 Resp: 877336

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.8	71.6
63	31.3	24.3	36.5

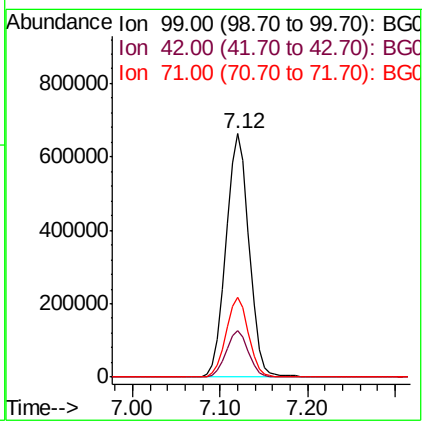


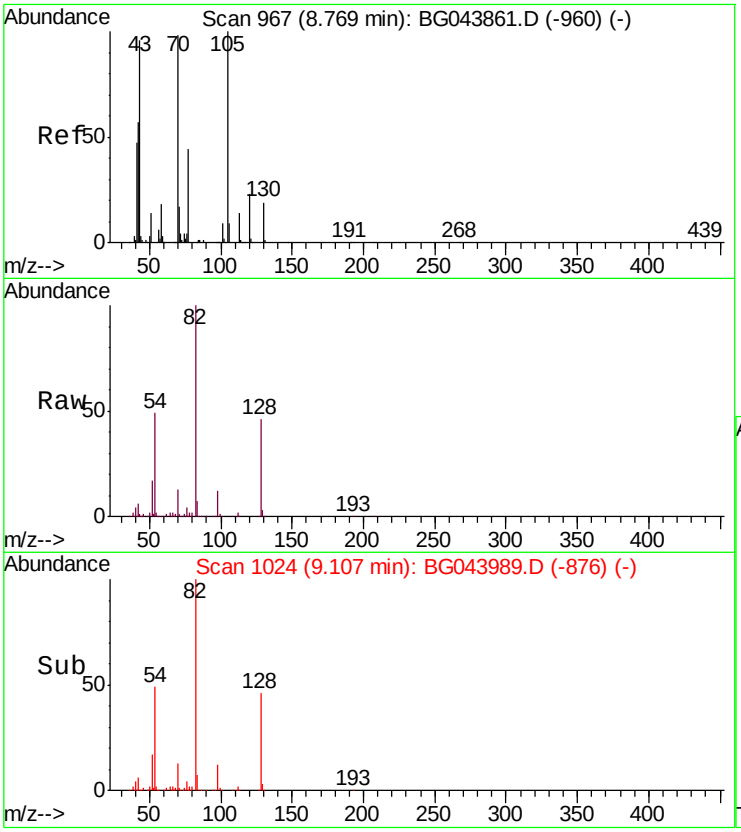


#7
Phenol-d6
Concen: 134.919 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion: 99 Resp: 1190768

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	32.9	26.4	39.6



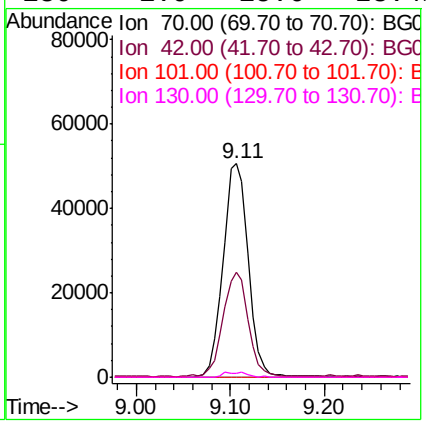


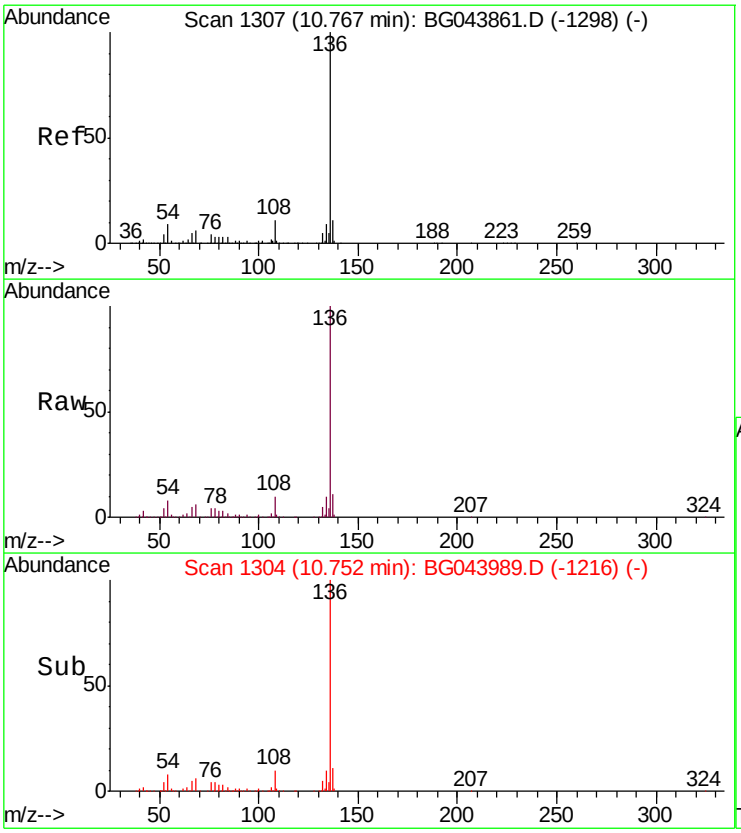
#19
n-Nitroso-di-n-propylamine
Concen: 14.337 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.34 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion: 70 Resp: 94232

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.0	70.4
101	0.0	7.2	10.8#
130	1.9	15.6	23.4#

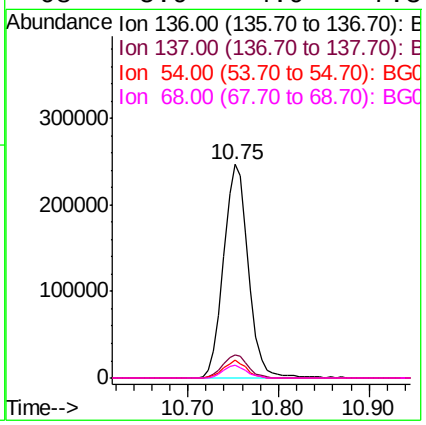


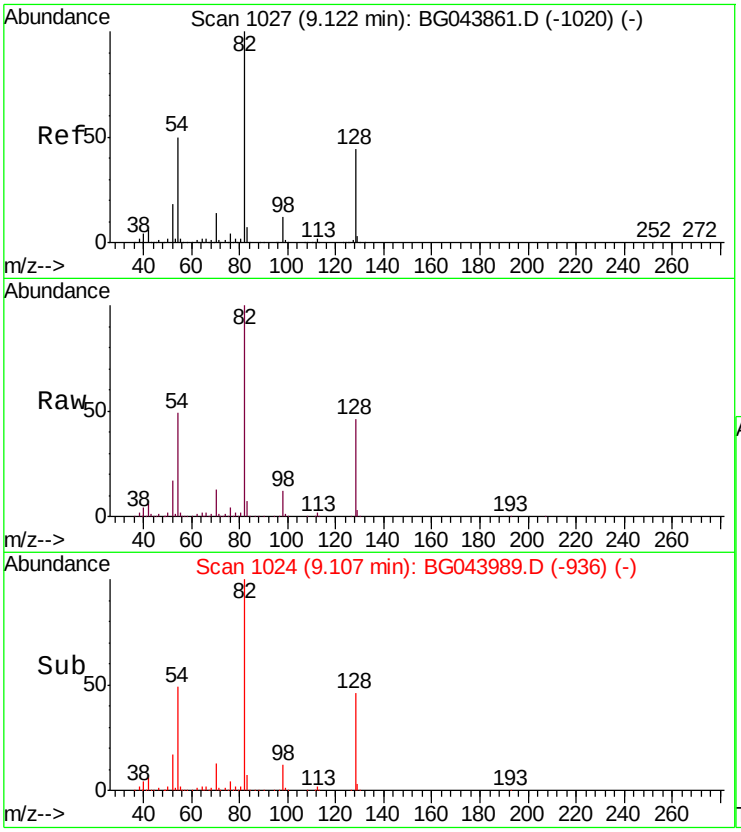


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:136 Resp: 466593

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	7.0	10.4
68	5.9	4.9	7.3



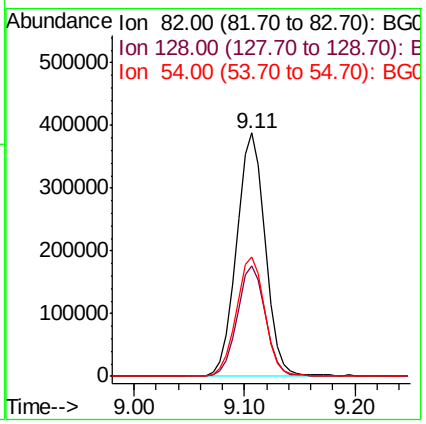


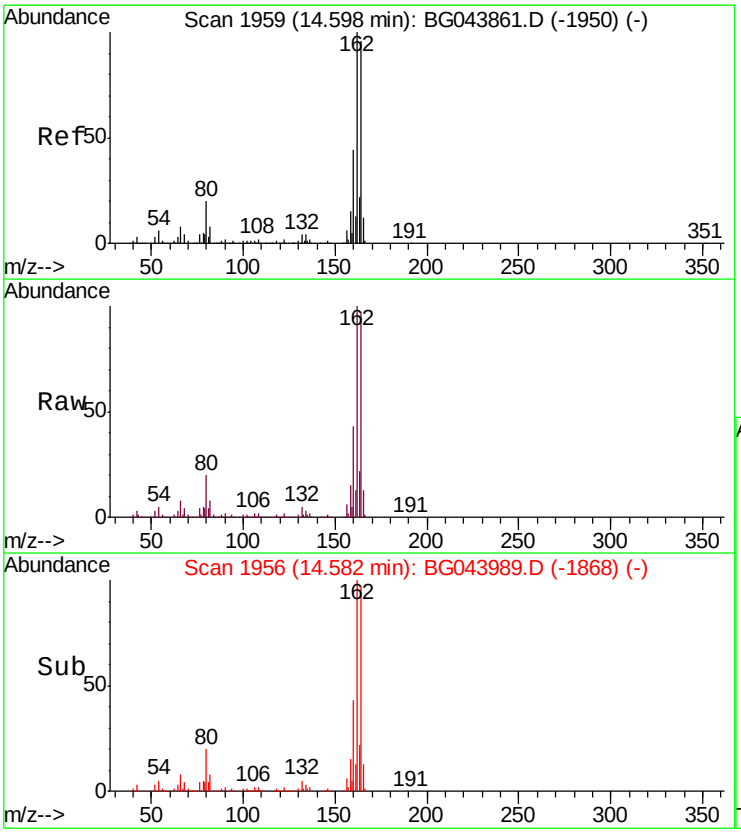
#23
Nitrobenzene-d5
Concen: 81.086 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion: 82 Resp: 707232

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	48.8	40.1	60.1

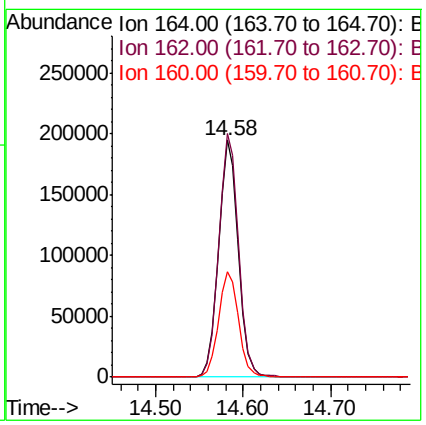


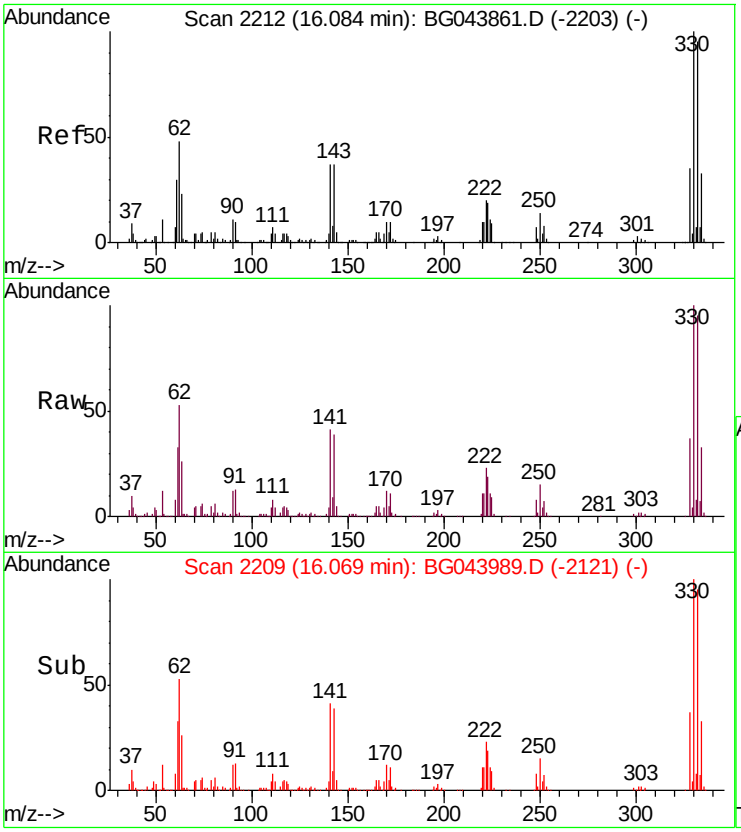


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:164 Resp: 303260

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.4
160	44.7	36.1	54.1



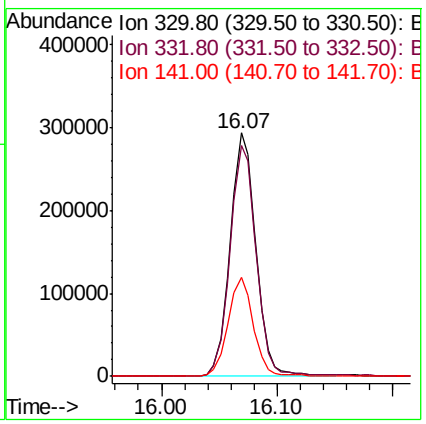


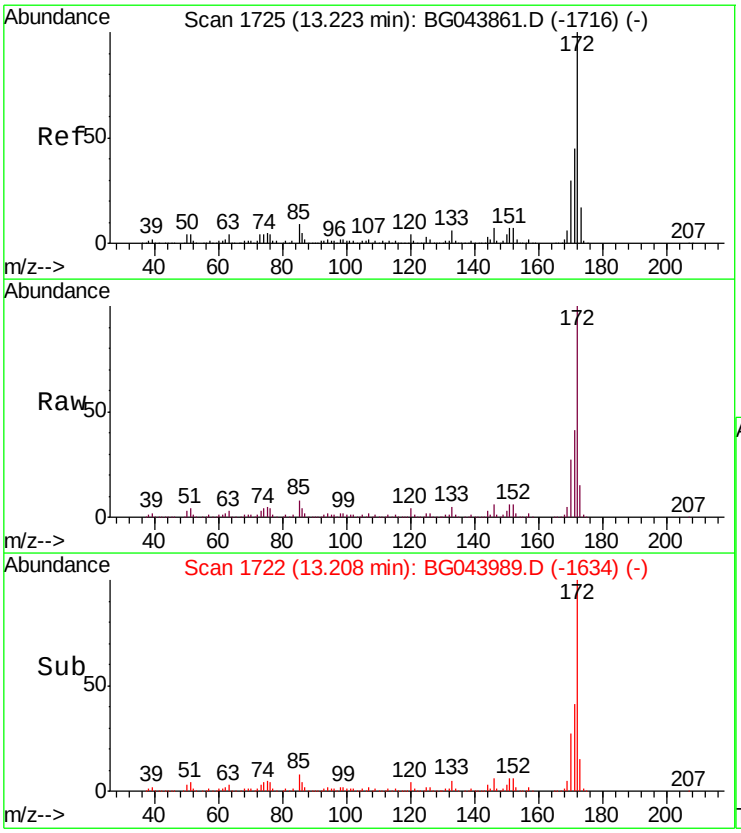
#42
2,4,6-Tribromophenol
Concen: 142.984 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:330 Resp: 453769

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	40.3	33.1	49.7

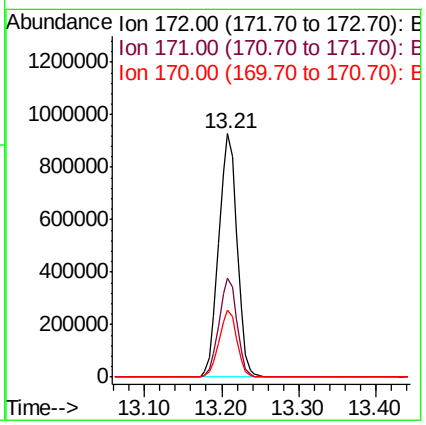


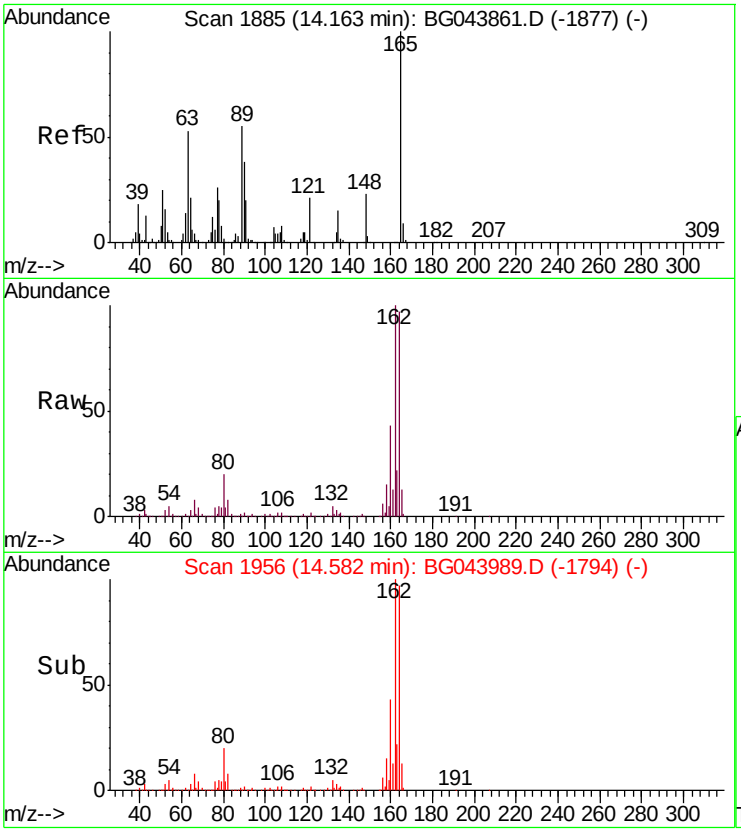


#45
2-Fluorobiphenyl
Concen: 91.993 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:172 Resp: 1539811

Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.8	53.8
170	27.4	24.2	36.4



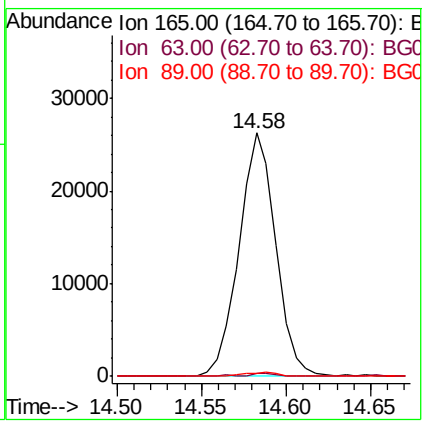


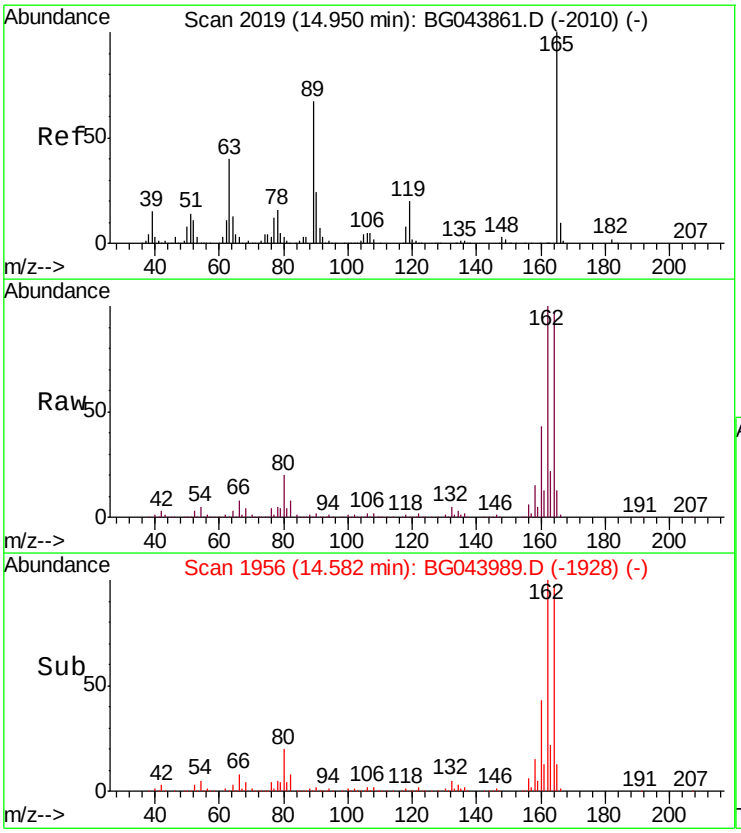
#51
2,6-Dinitrotoluene
Concen: 8.154 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.42 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:165 Resp: 39683

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.1	64.7#
89	1.3	43.8	65.6#

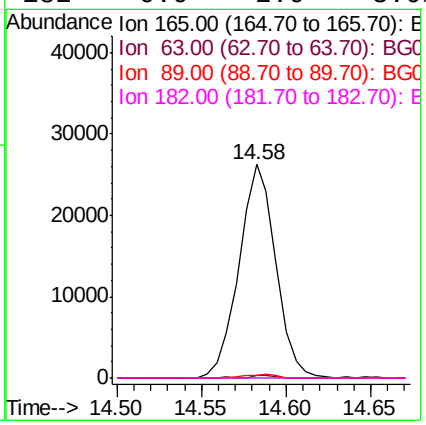


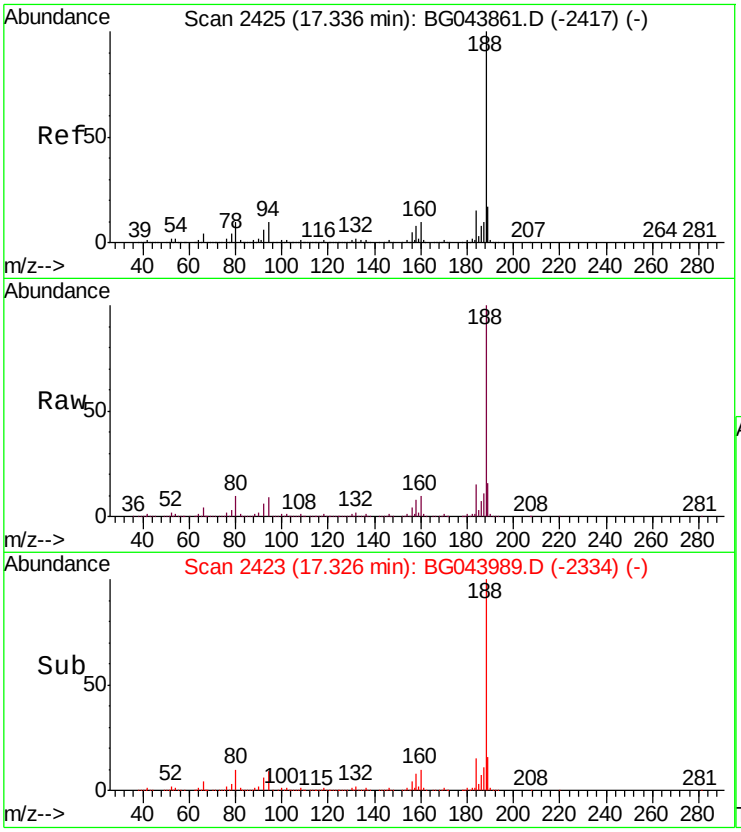


#57
2,4-Dinitrotoluene
Concen: 5.992 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.37 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:165 Resp: 39683

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



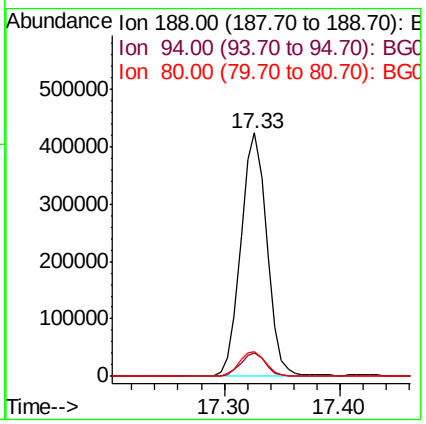


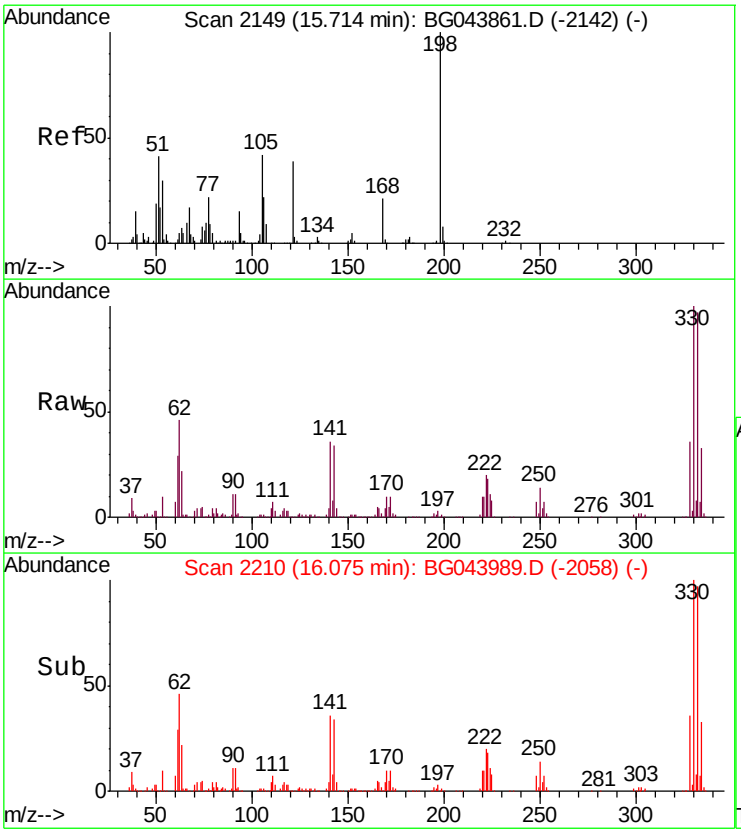
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:188 Resp: 664931

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.0	8.2	12.4

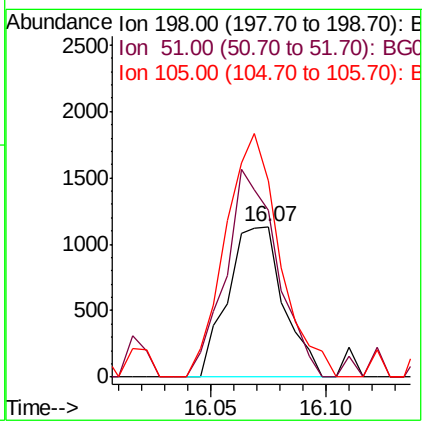


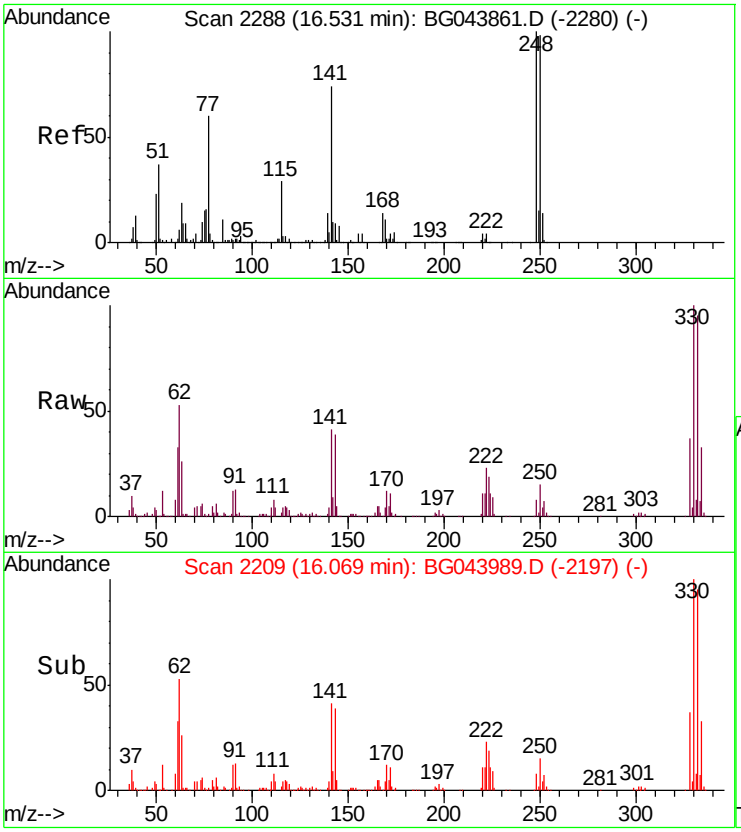


#65
4,6-Dinitro-2-methylphenol
Concen: 4.894 ng
RT: 16.07 min Scan# 2210
Delta R.T. 0.36 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:198 Resp: 1900

Ion	Ratio	Lower	Upper
198	100		
51	110.6	22.5	62.5#
105	130.4	22.3	62.3#



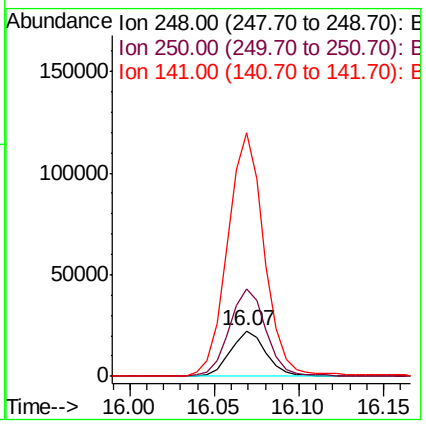


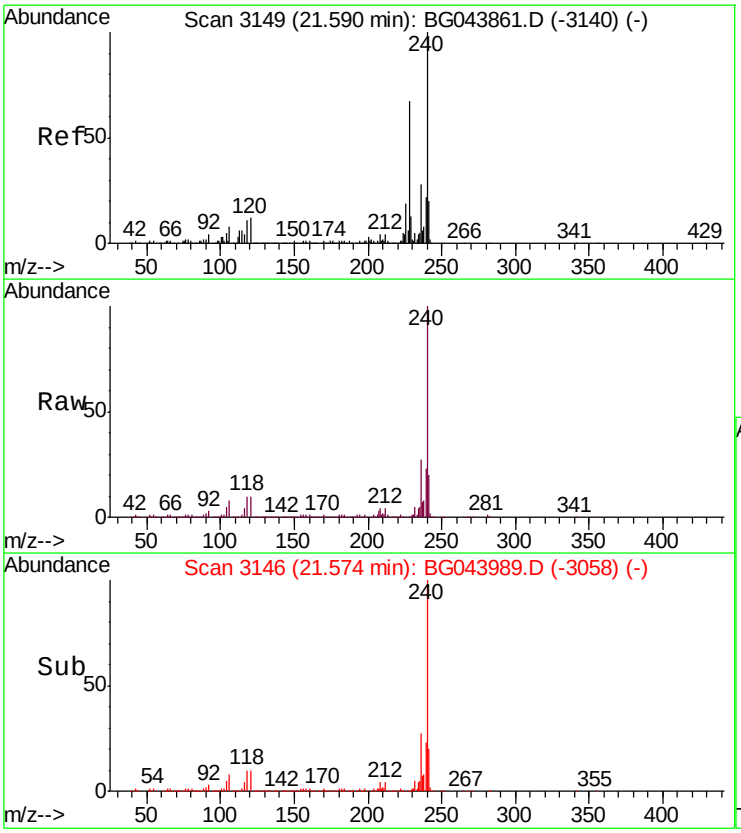
#67
4-Bromophenyl-phenylether
Concen: 4.390 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.46 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:248 Resp: 32827

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.2	117.2#
141	534.7	59.3	88.9#

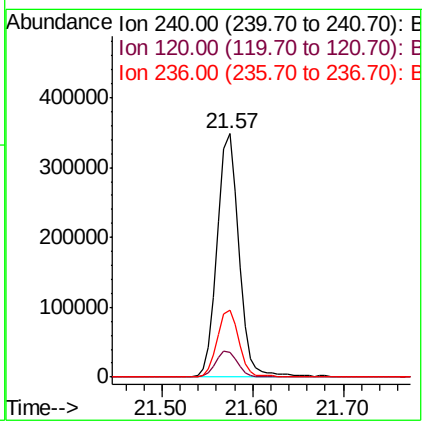


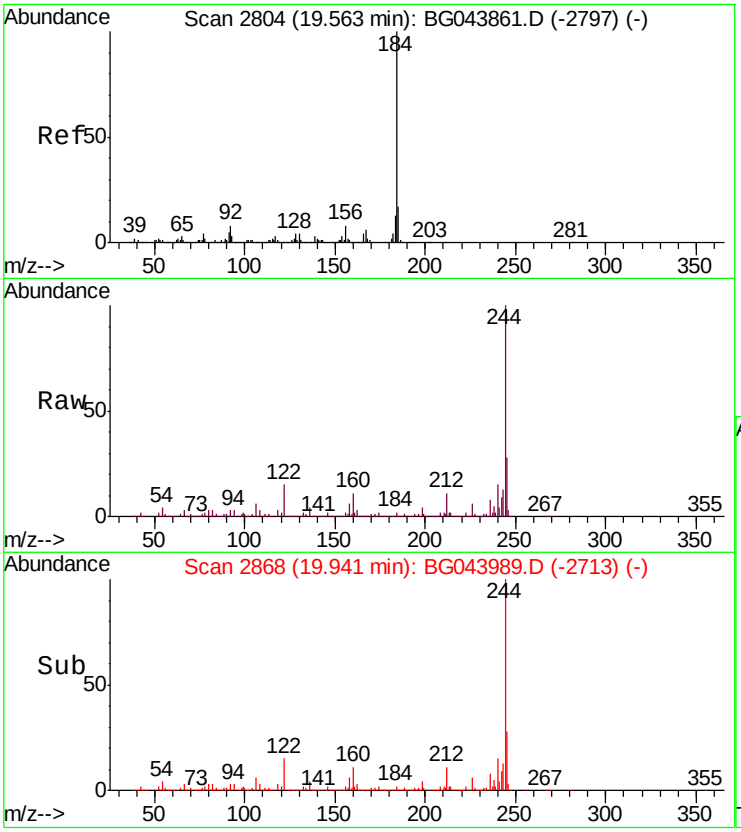


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:240 Resp: 583054

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.6	14.4
236	27.5	22.2	33.2



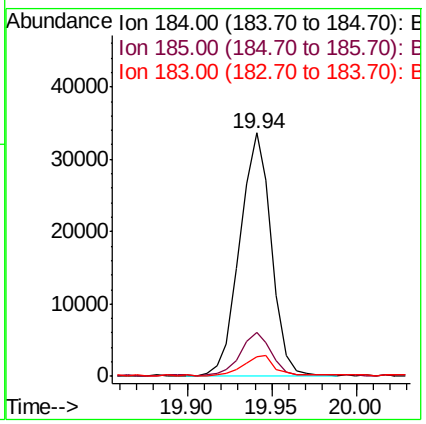


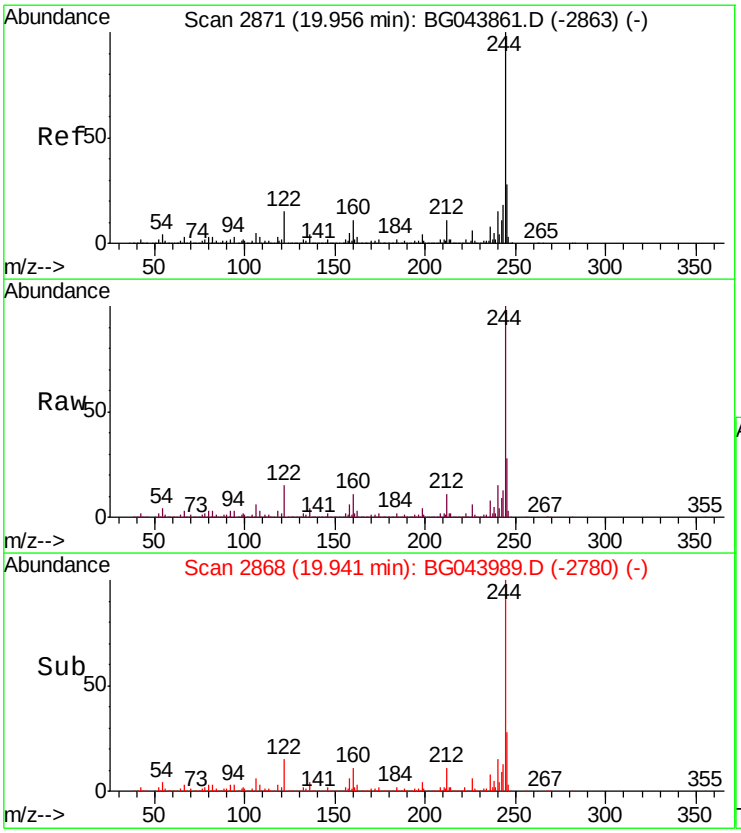
#77
Benzidine
Concen: 2.996 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:184 Resp: 43906

Ion	Ratio	Lower	Upper
184	100		
185	17.8	13.4	20.0
183	8.3	10.6	15.8#

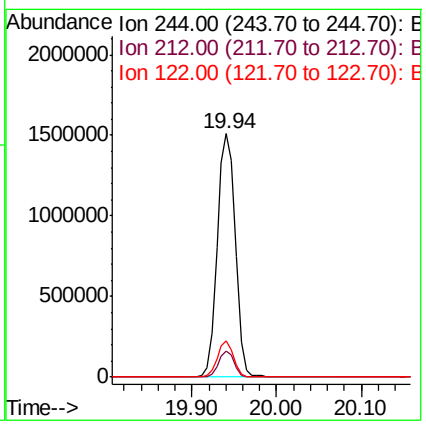


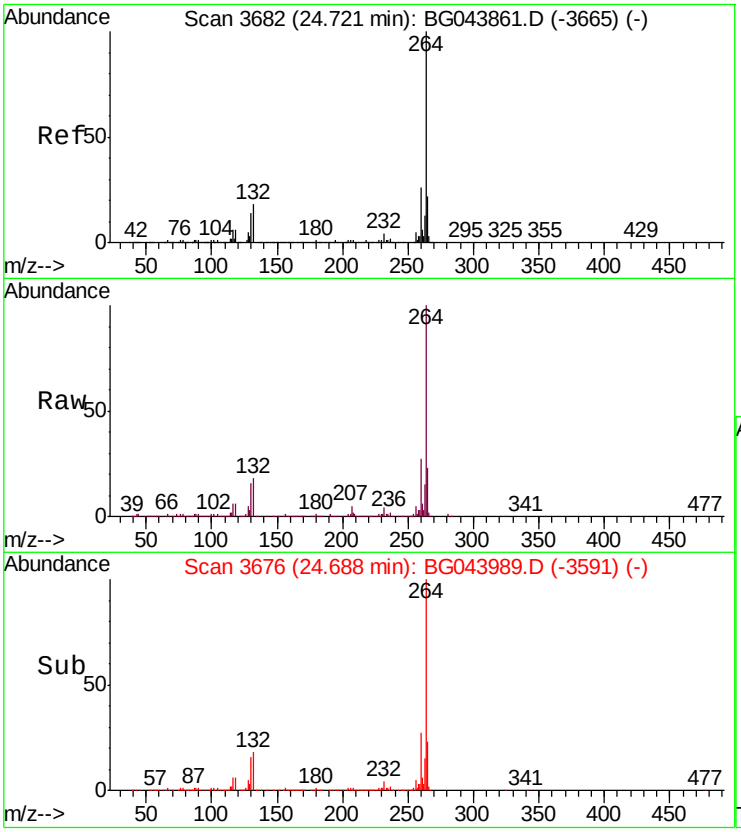


#79
Terphenyl-d14
Concen: 97.016 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG043989.D
Acq: 9 Jan 2020 6:29

Tgt Ion:244 Resp: 2262432

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.6	13.0
122	14.7	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: BG043989.D
Acq: 9 Jan 2020 6:29

Instrument :
BNA_G
ClientSampleId :
225-230

Tgt Ion:264 Resp: 595353

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.4	30.6
265	23.0	17.4	26.2