Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012220\

Quantitation Report (Not Reviewed)

Data File : BG044158.D
Acq On : 22 Jan 2020 15:03
Operator : JU
Sample : L1216-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01-COMP

Quant Time: Jan 23 07:51:28 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	80295	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	351521	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	242597	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	497125	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	432485	20.00	ng		-0.03
87) Perylene-d12	24.66	264	474822	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	470990	107.70	ng		-0.03
7) Phenol-d6	7.10	99	659297	107.86	ng		-0.03
23) Nitrobenzene-d5	9.08	82	405262	61.67	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	252564	99.48	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	979551	73.16	ng		-0.03
79) Terphenyl-d14	19.92	244	1431462	78.06	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	20957	3.328	ng		97
19) n-Nitroso-di-n-propylamine	9.08	70	51535	11.321	ng	#	83
50) Dimethylphthalate	14.02	163	209660	12.172	ng	#	96
57) 2,4-Dinitrotoluene	14.57	165	31202	5.890	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	789	4.670	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	18404	3.292	ng	#	1
77) Benzidine	19.92	184	23457	2.158	ng	#	88

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

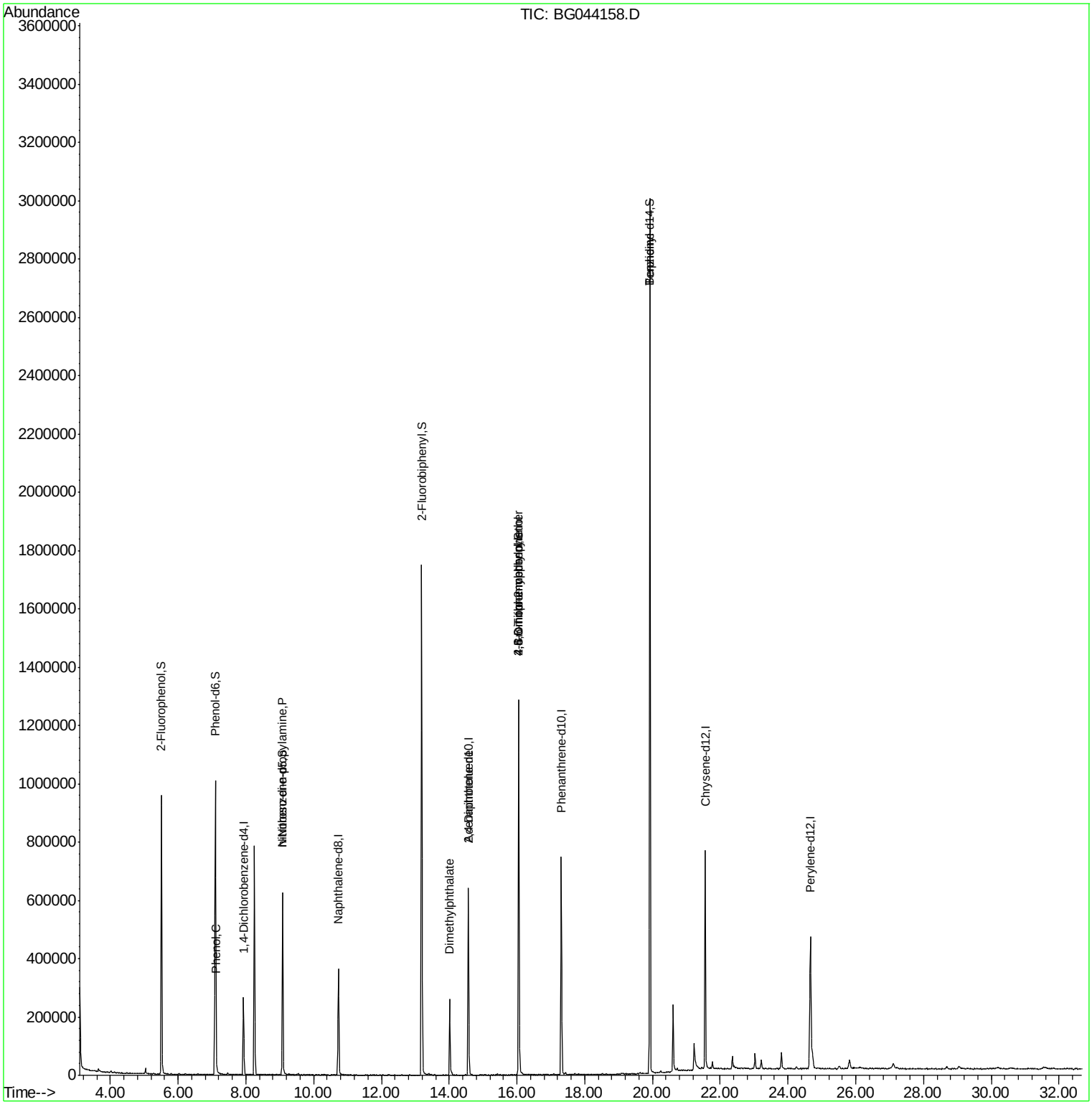
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012220\

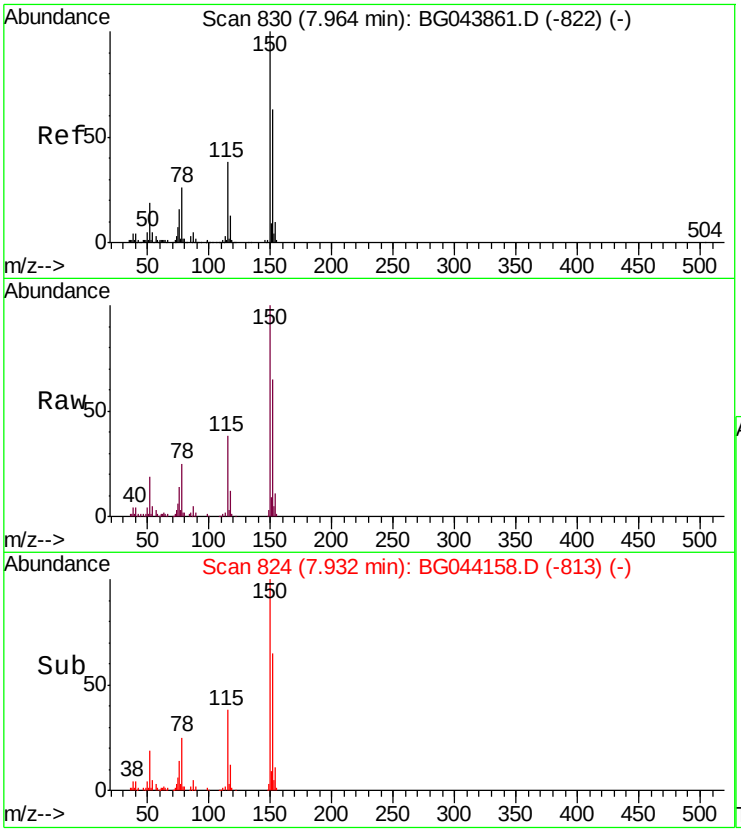
Quantitation Report (Not Reviewed)

Data File : BG044158.D
Acq On : 22 Jan 2020 15:03
Operator : JU
Sample : L1216-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01-COMP

Quant Time: Jan 23 07:51:28 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



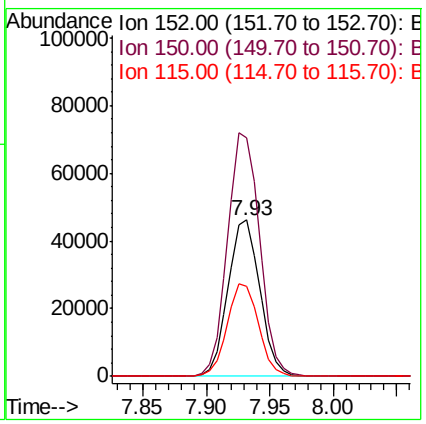


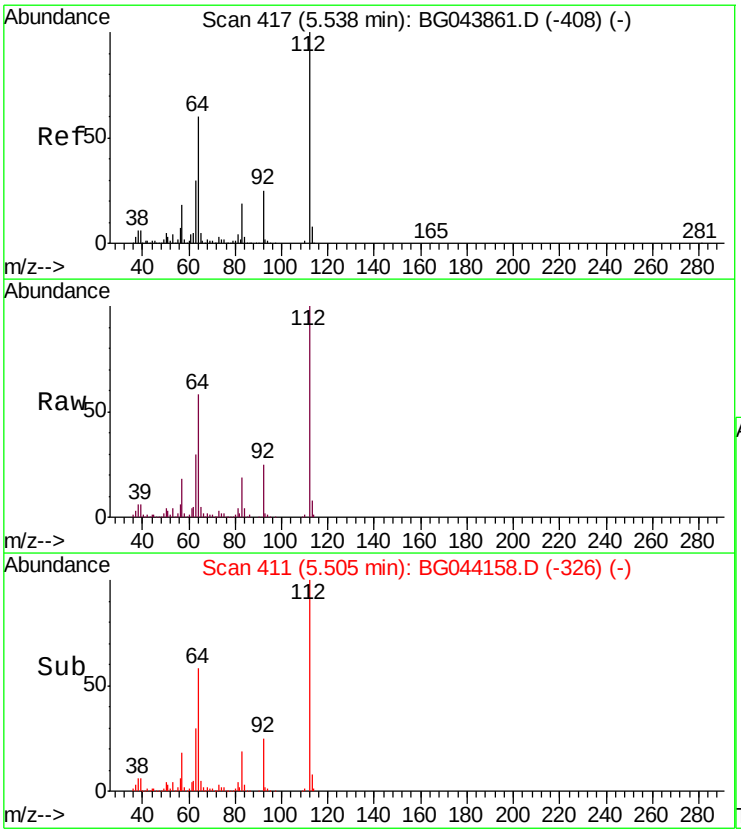
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 80295

Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.0	190.4
115	57.7	47.8	71.8

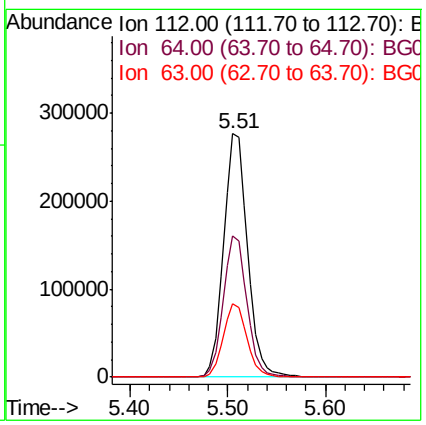


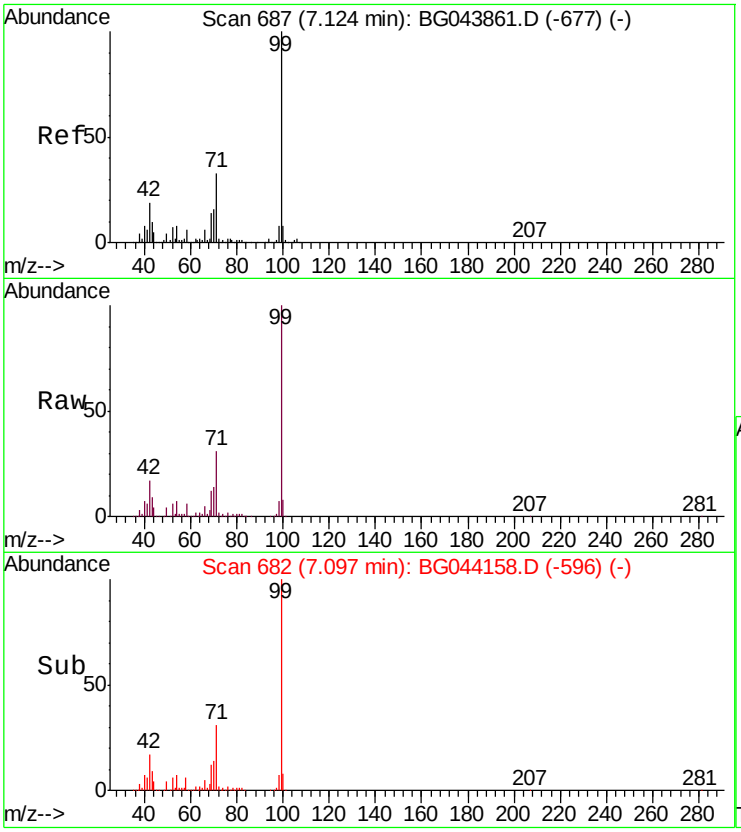


#5
2-Fluorophenol
Concen: 107.702 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:112 Resp: 470990

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.8	71.6
63	30.2	24.3	36.5



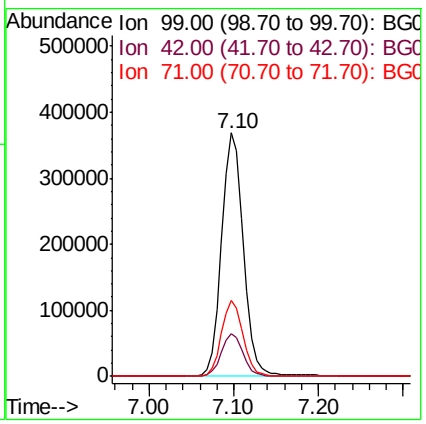


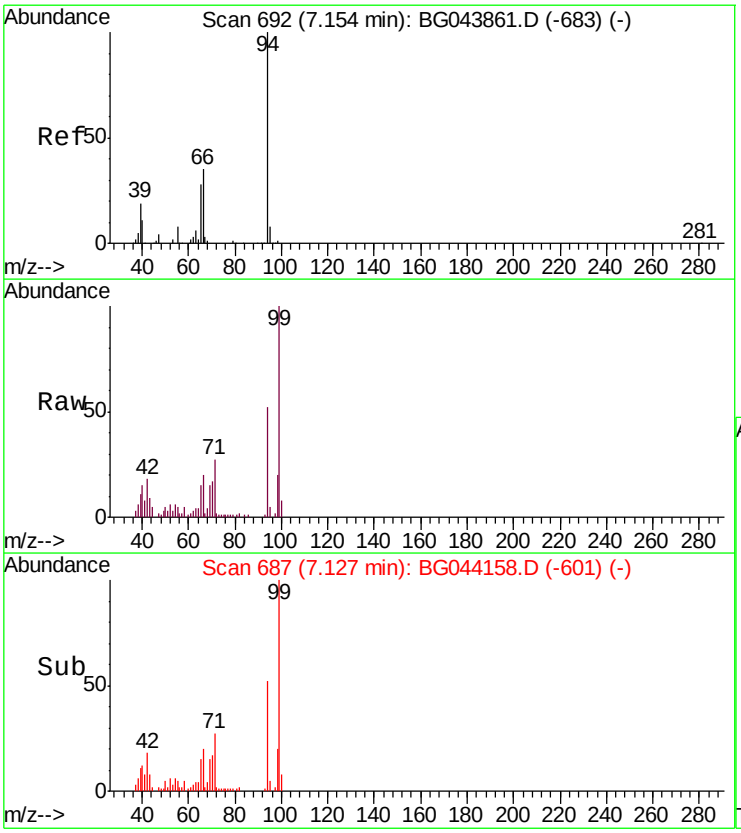
#7
Phenol-d6
Concen: 107.856 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion: 99 Resp: 659297

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.9	22.3
71	31.0	26.4	39.6

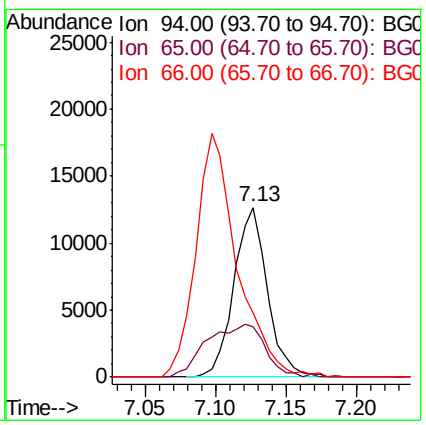


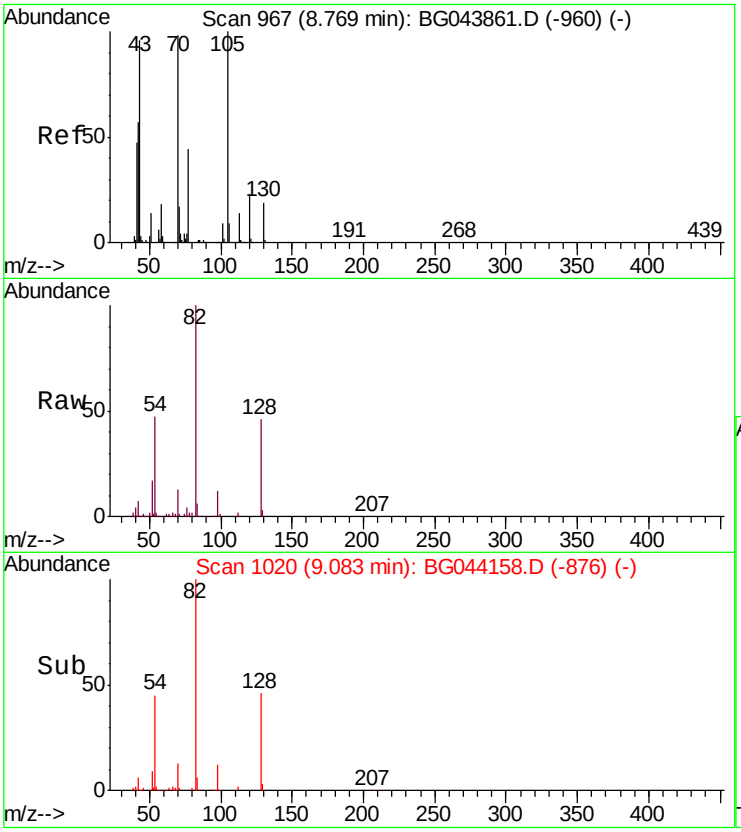


#10
Phenol
Concen: 3.328 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion: 94 Resp: 20957

Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.1	48.1
66	38.0	15.6	55.6



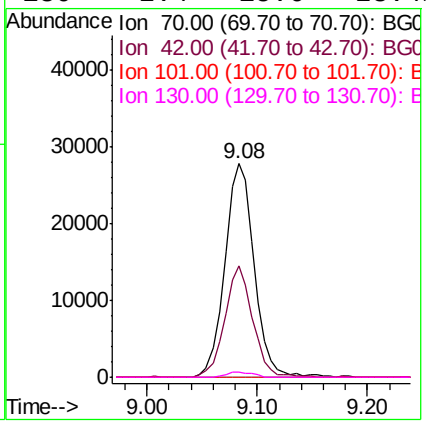


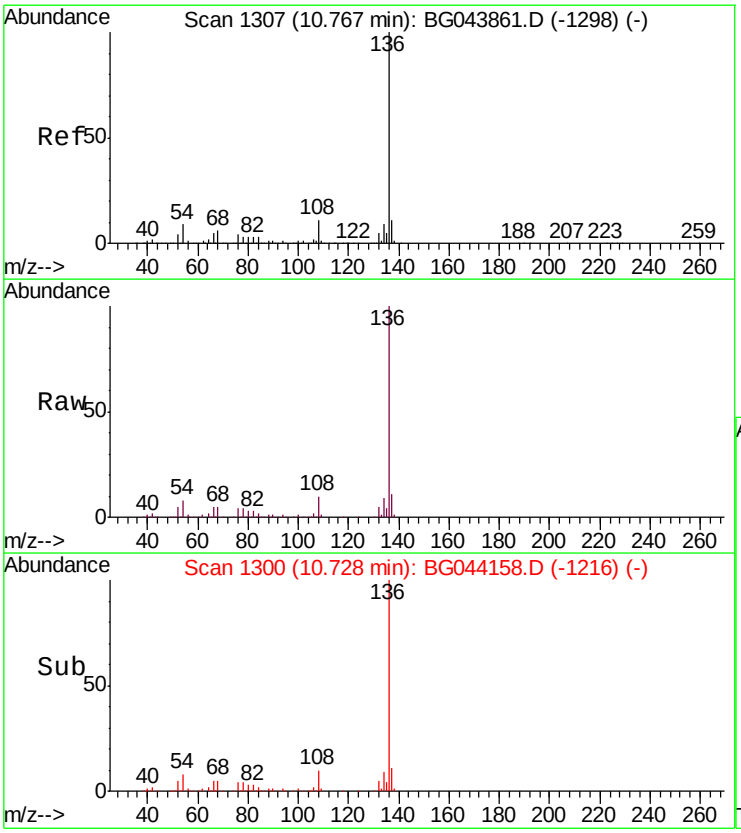
#19
n-Nitroso-di-n-propylamine
Concen: 11.321 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion: 70 Resp: 51535

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.0	70.4
101	0.0	7.2	10.8#
130	2.4	15.6	23.4#

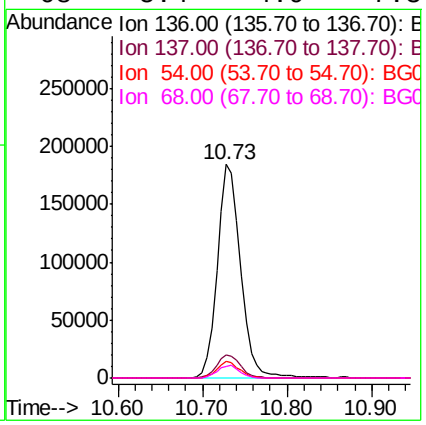


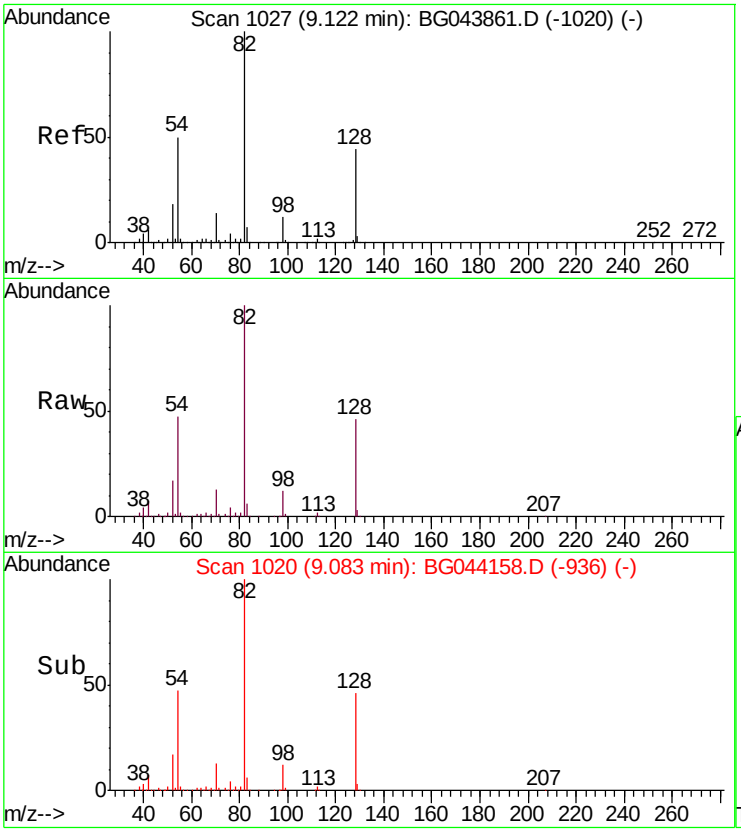


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:136 Resp: 351521

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	7.0	10.4
68	5.4	4.9	7.3



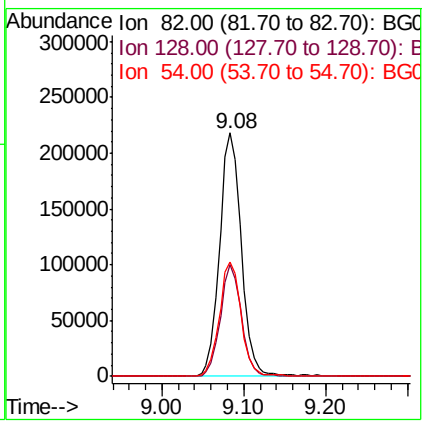


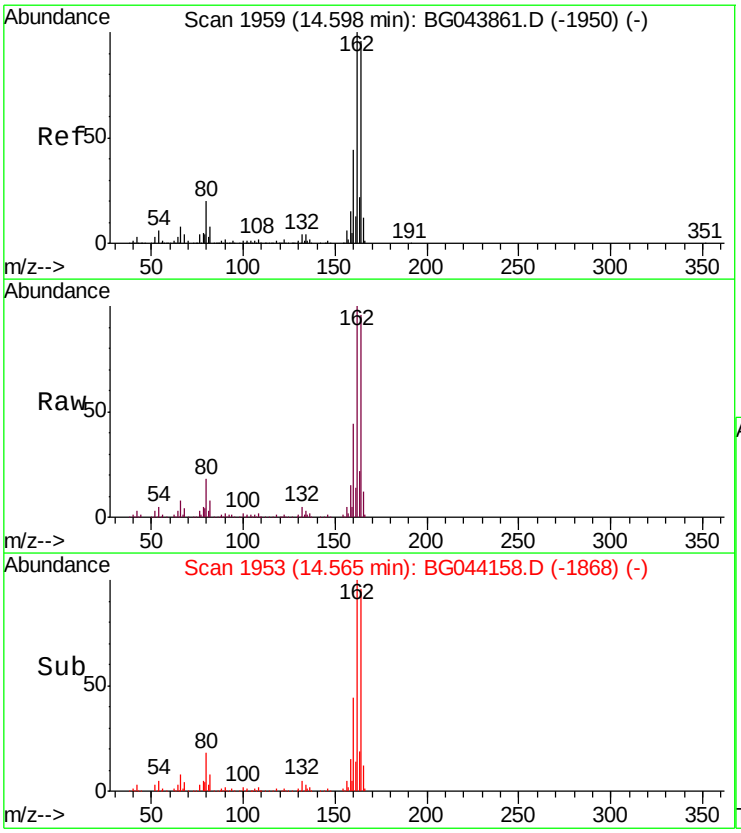
#23
Nitrobenzene-d5
Concen: 61.674 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 405262

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	46.8	40.1	60.1

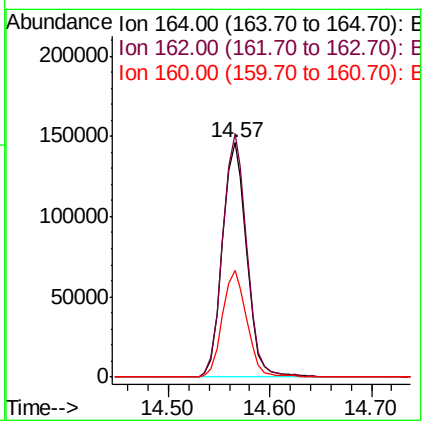


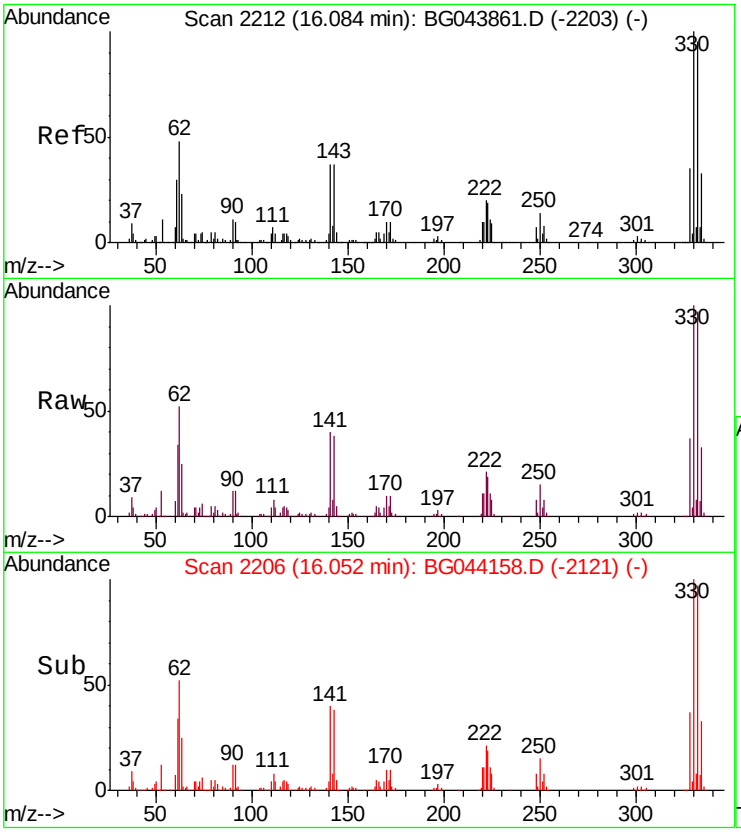


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:164 Resp: 242597

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	45.7	36.1	54.1



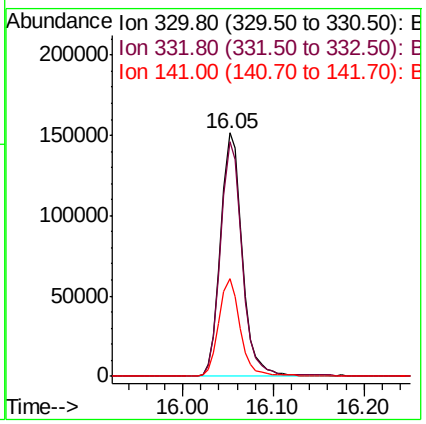


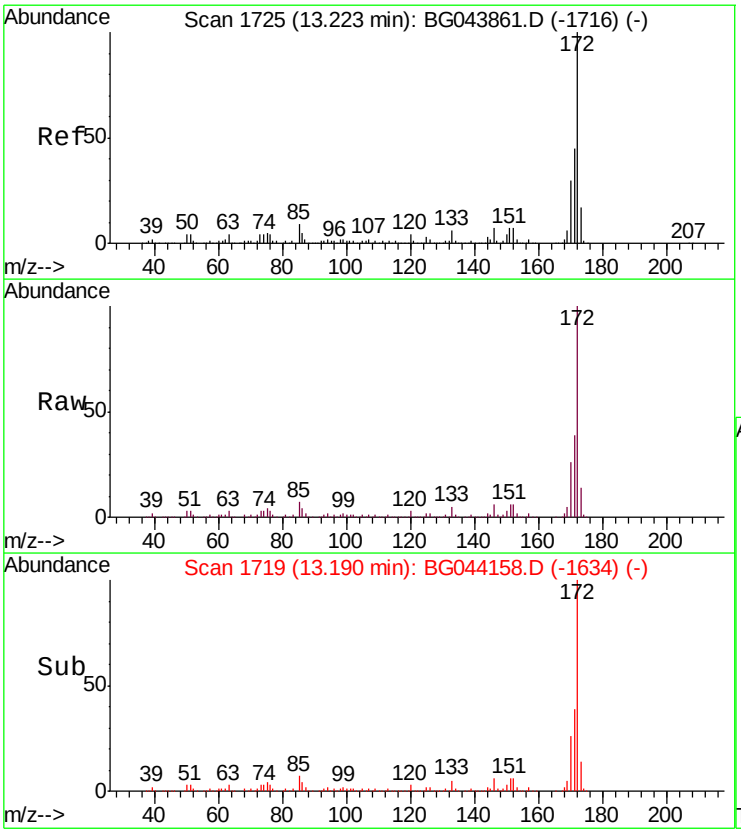
#42
2,4,6-Tribromophenol
Concen: 99.484 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:330 Resp: 252564

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	39.5	33.1	49.7

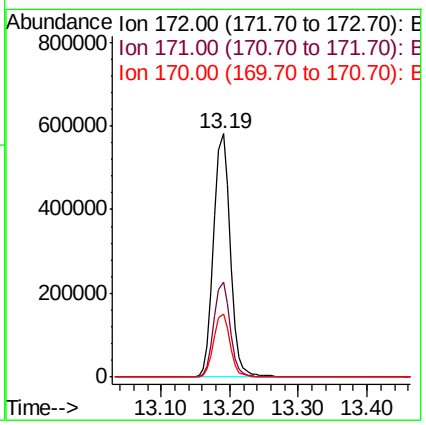


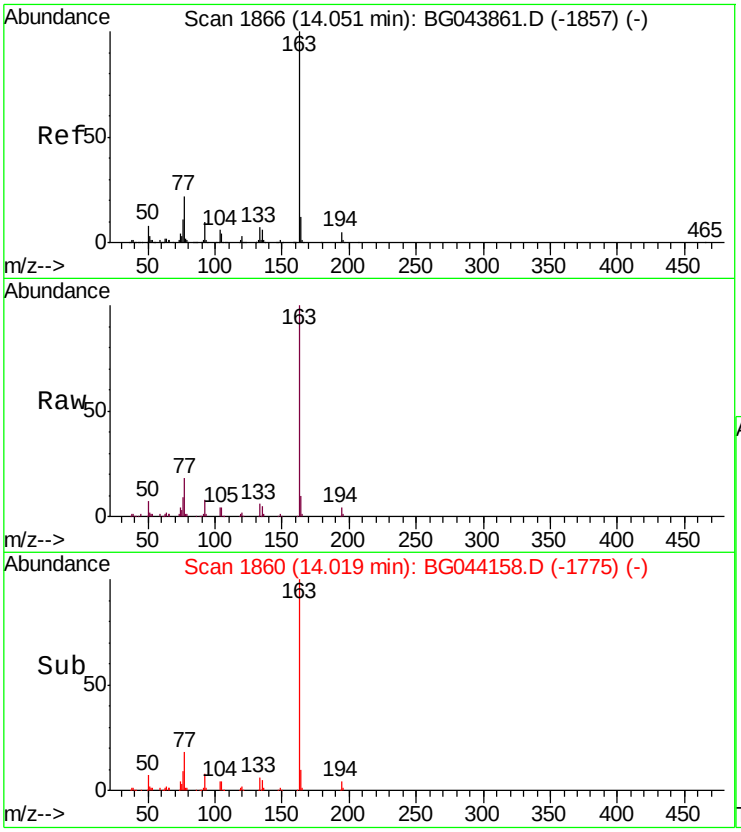


#45
2-Fluorobiphenyl
Concen: 73.155 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:172 Resp: 979551

Ion	Ratio	Lower	Upper
172	100		
171	39.1	35.8	53.8
170	25.9	24.2	36.4



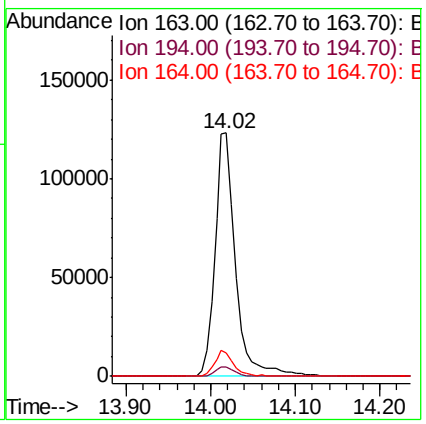


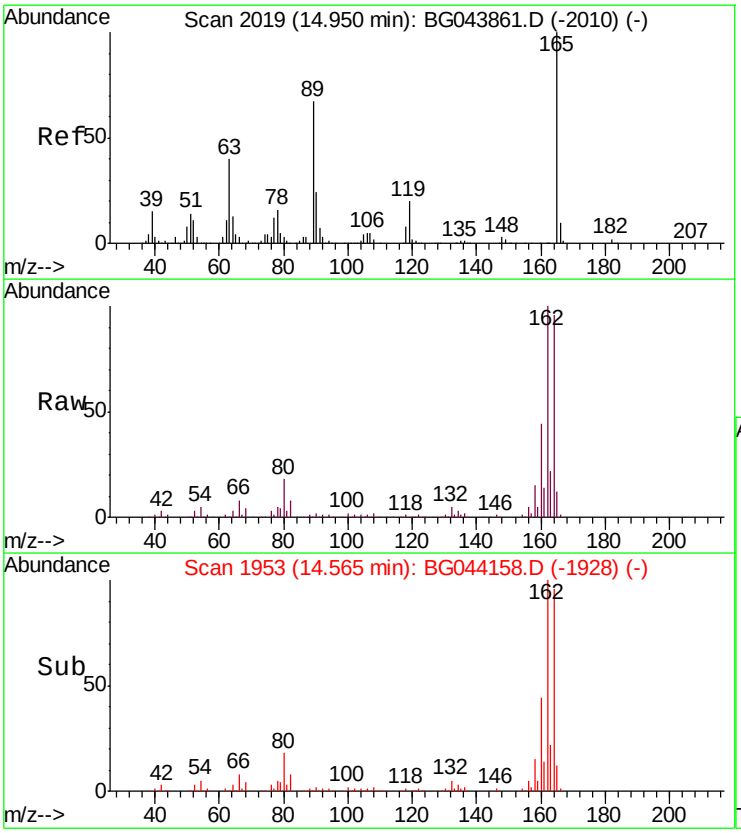
#50
Dimethylphthalate
Concen: 12.172 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:163 Resp: 209660

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5#
164	9.9	9.3	13.9

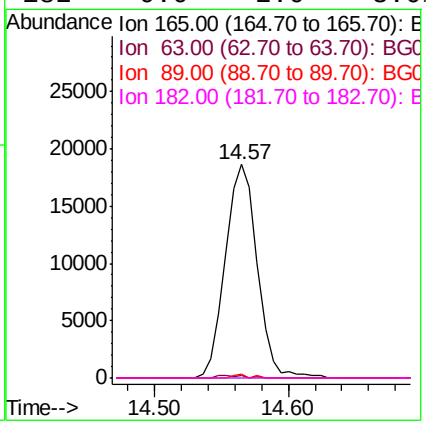


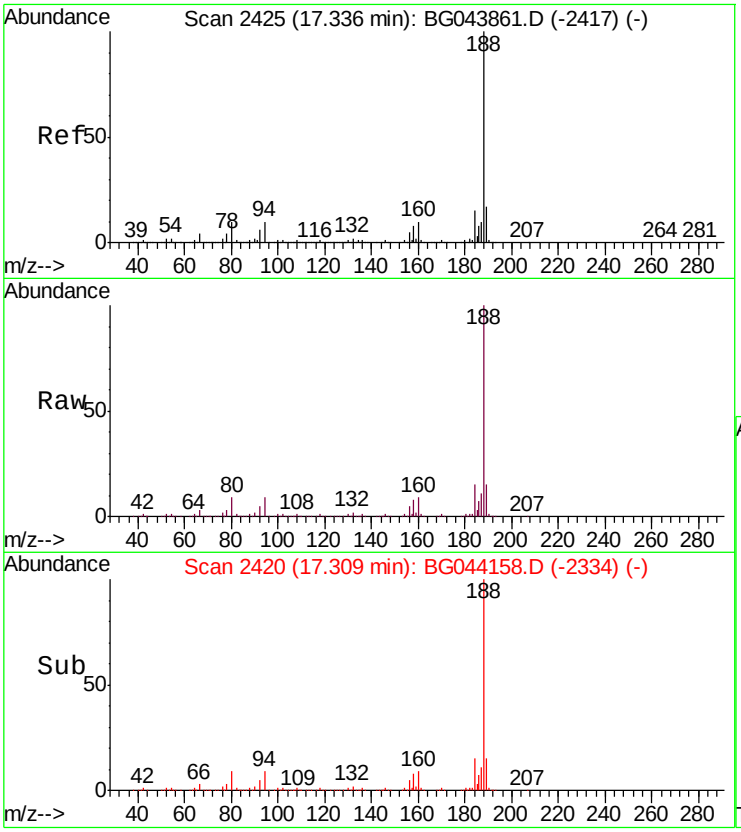


#57
2,4-Dinitrotoluene
Concen: 5.890 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:165 Resp: 31202

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.9	47.9#
89	1.9	53.8	80.6#
182	0.0	2.0	3.0#



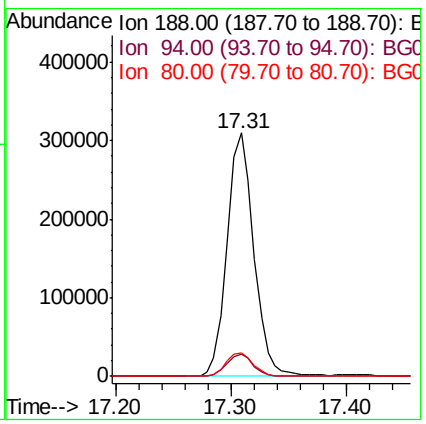


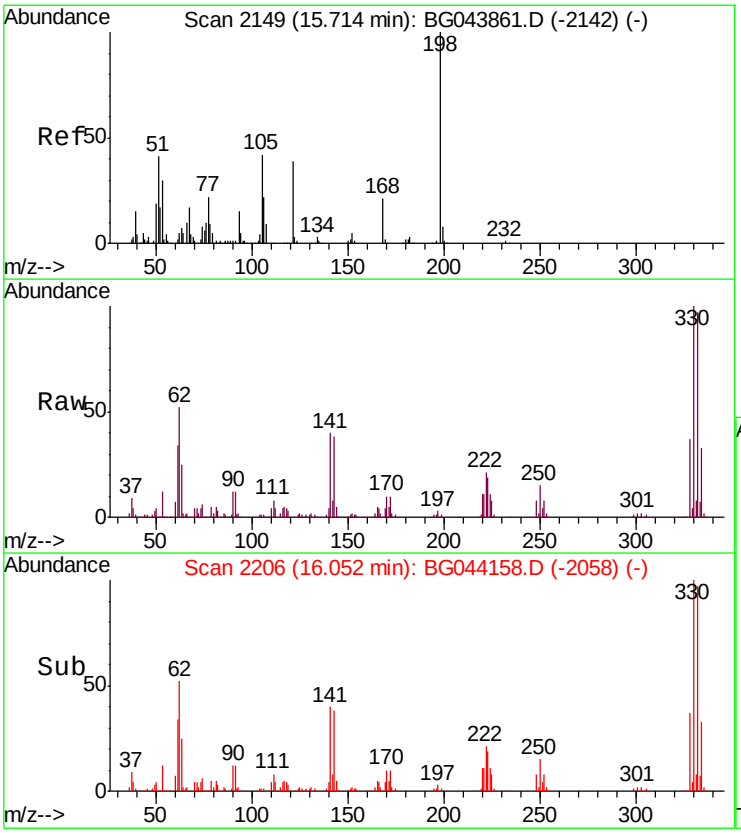
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:188 Resp: 497125

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	9.4	8.2	12.4

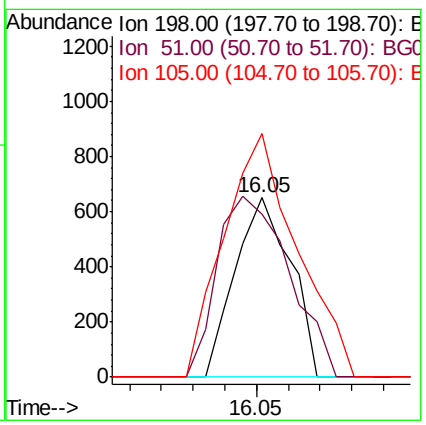


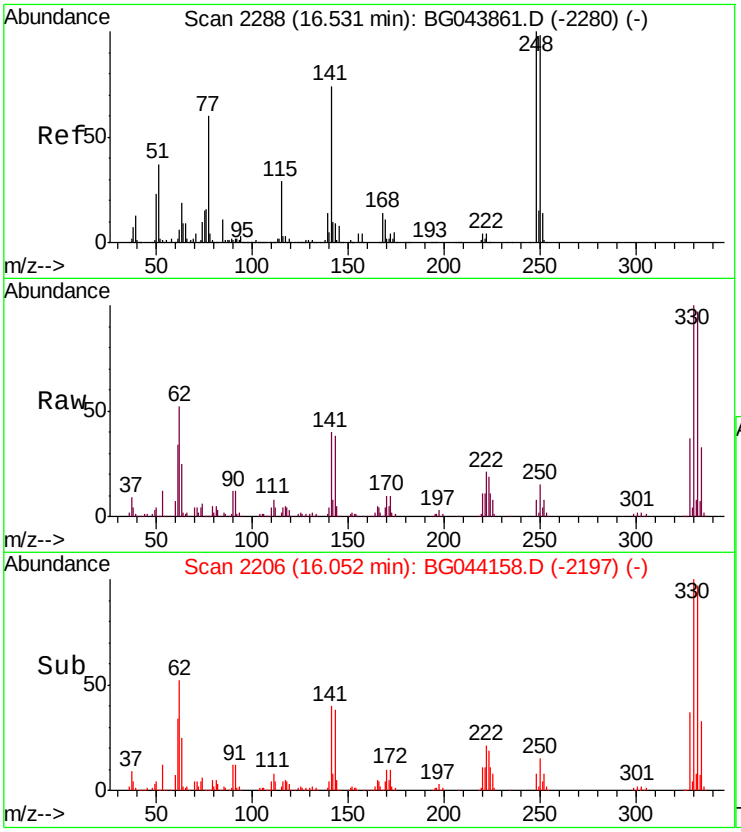


#65
4,6-Dinitro-2-methylphenol
Concen: 4.670 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.34 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:198 Resp: 789

Ion	Ratio	Lower	Upper
198	100		
51	90.8	22.5	62.5#
105	135.8	22.3	62.3#



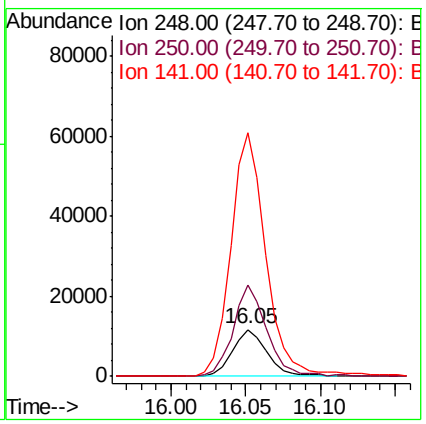


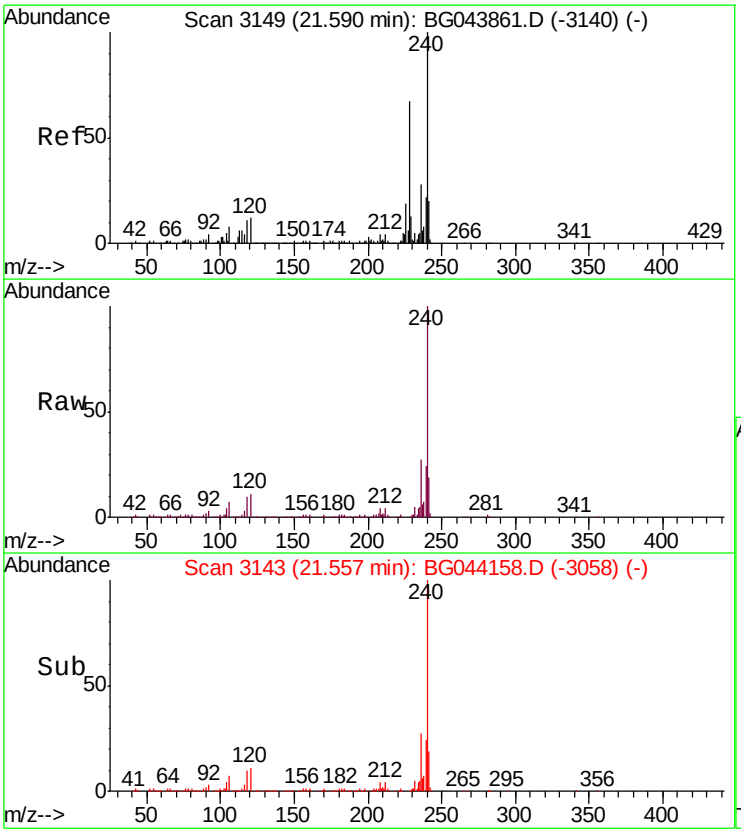
#67
4-Bromophenyl-phenylether
Concen: 3.292 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.48 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:248 Resp: 18404

Ion	Ratio	Lower	Upper
248	100		
250	195.1	78.2	117.2#
141	516.7	59.3	88.9#

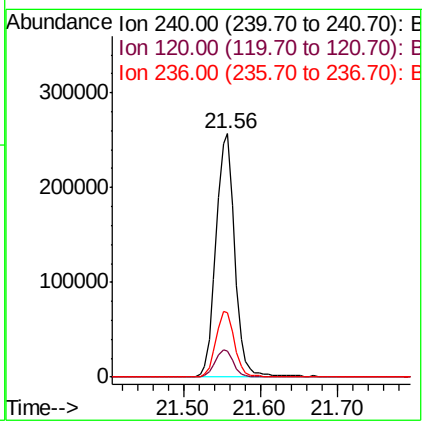


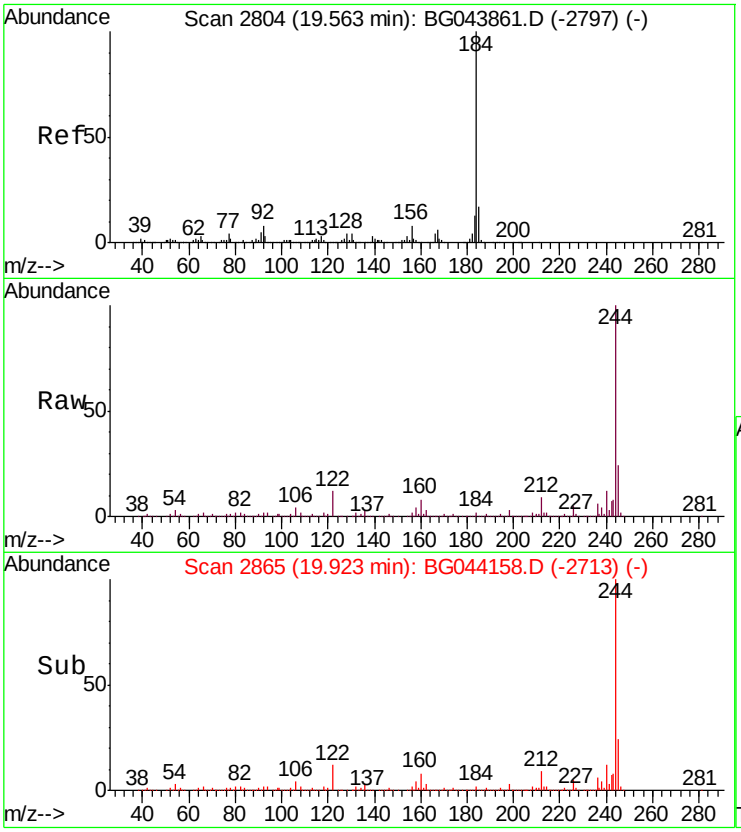


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:240 Resp: 432485

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	26.7	22.2	33.2



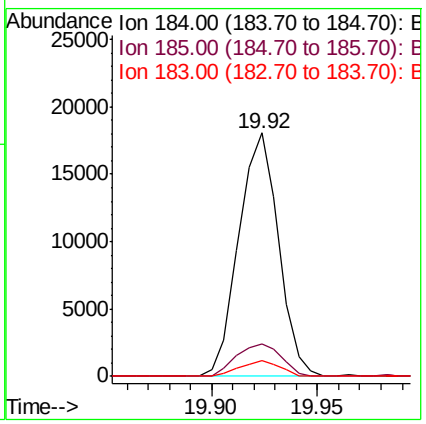


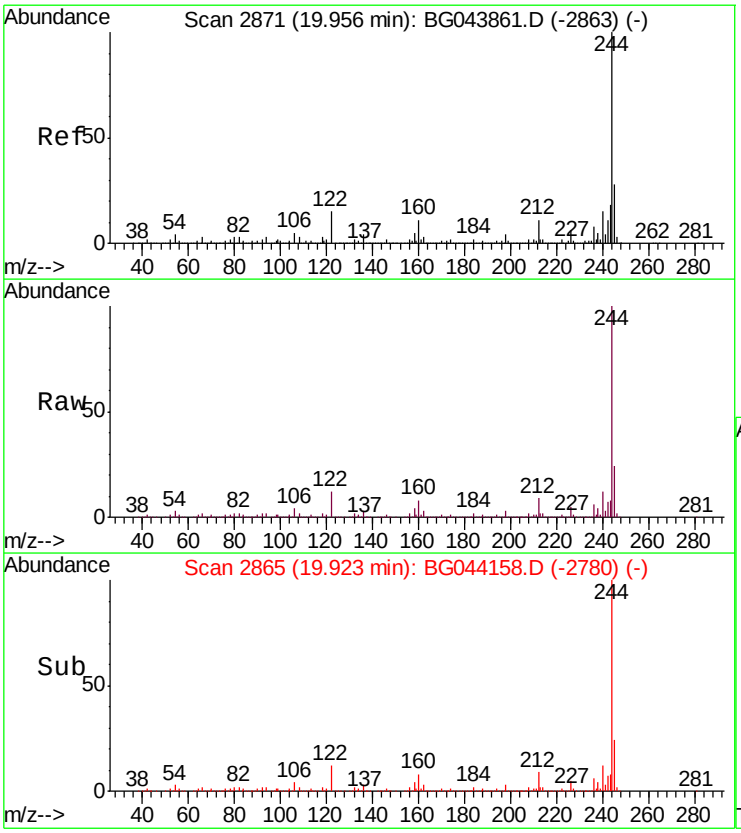
#77
Benzidine
Concen: 2.158 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:184 Resp: 23457

Ion	Ratio	Lower	Upper
184	100		
185	13.1	13.4	20.0#
183	6.2	10.6	15.8#

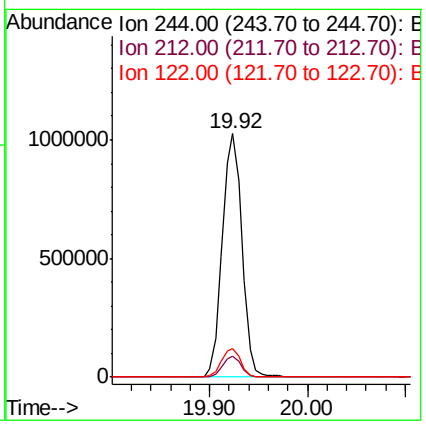


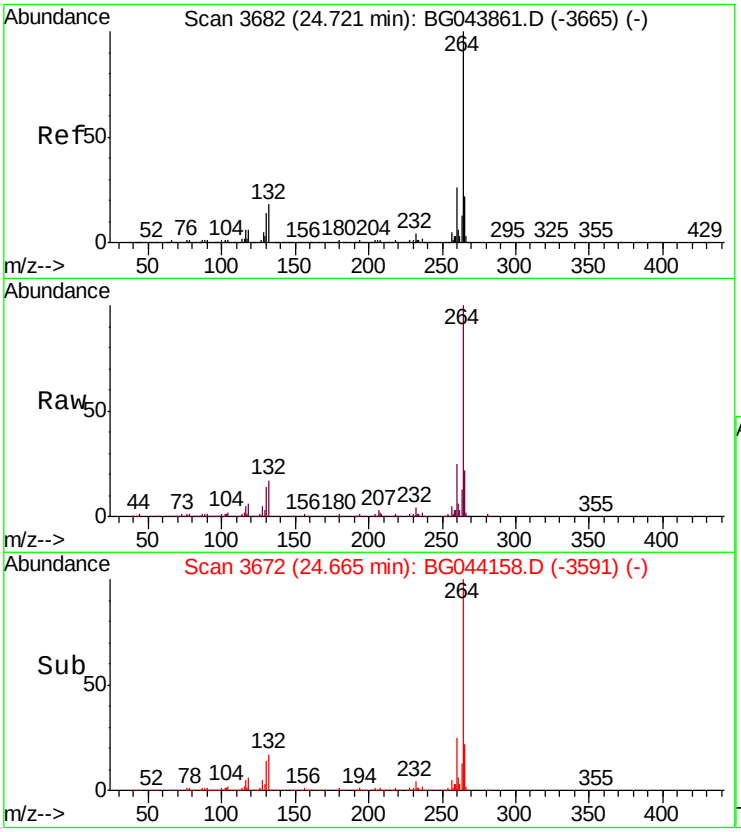


#79
Terphenyl-d14
Concen: 78.060 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:244 Resp: 1431462

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	11.9	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: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:264 Resp: 474822

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.9	17.4	26.2