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

Quantitation Report (Not Reviewed)

Data File : BG043970.D
Acq On : 8 Jan 2020 16:45
Operator : JU
Sample : PB125926BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125926BL

Quant Time: Jan 09 06:12:36 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	7.96	152	130992	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	527739	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	350317	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	775129	20.00	ng	0.00
76) Chrysene-d12	21.58	240	655280	20.00	ng	0.00
87) Perylene-d12	24.70	264	718919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	912387	127.89	ng	0.00
7) Phenol-d6	7.13	99	1254741	125.82	ng	0.00
23) Nitrobenzene-d5	9.11	82	736283	74.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	477607	130.28	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1609851	83.26	ng	0.00
79) Terphenyl-d14	19.95	244	2272957	83.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.11	70	96536	12.999	ng	# 80
32) Benzoic acid	10.21	122	61	6.271	ng	# 1
51) 2,6-Dinitrotoluene	14.59	165	46927	8.347	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	46927	6.134	ng	# 27
65) 4,6-Dinitro-2-methylphenol	15.82	198	56	4.403	ng	# 33
67) 4-Bromophenyl-phenylether	16.08	248	36022	4.132	ng	# 1
77) Benzidine	19.95	184	43962	2.669	ng	# 93

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

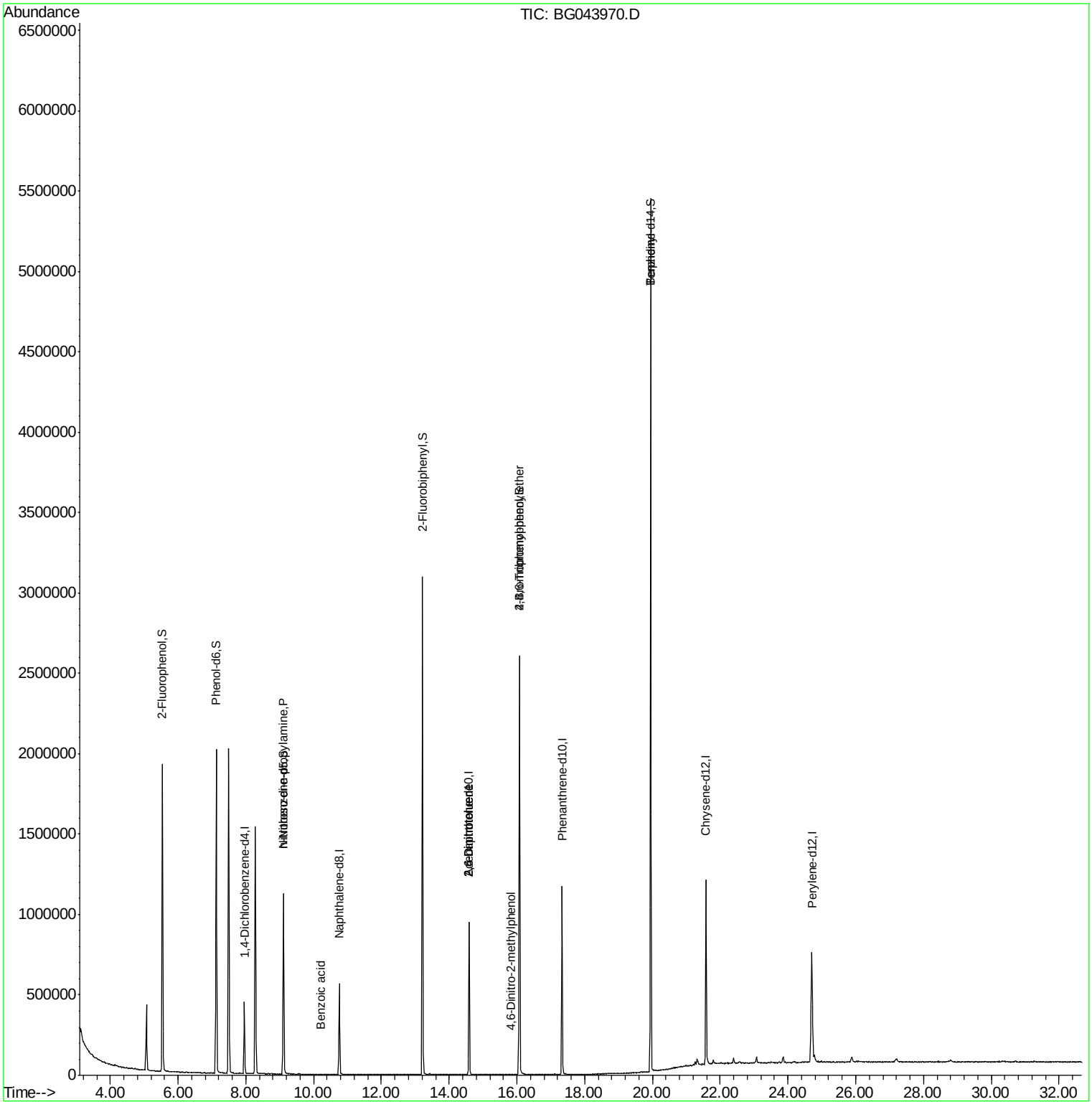
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010820\

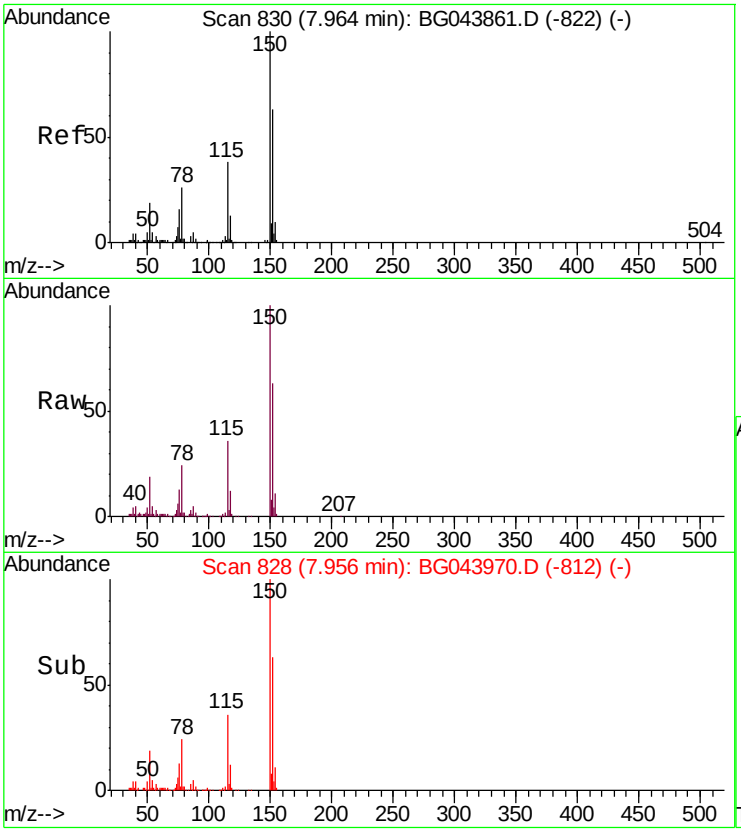
Quantitation Report (Not Reviewed)

Data File : BG043970.D
Acq On : 8 Jan 2020 16:45
Operator : JU
Sample : PB125926BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125926BL

Quant Time: Jan 09 06:12:36 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



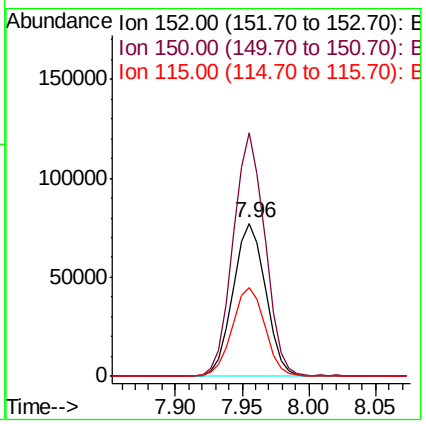


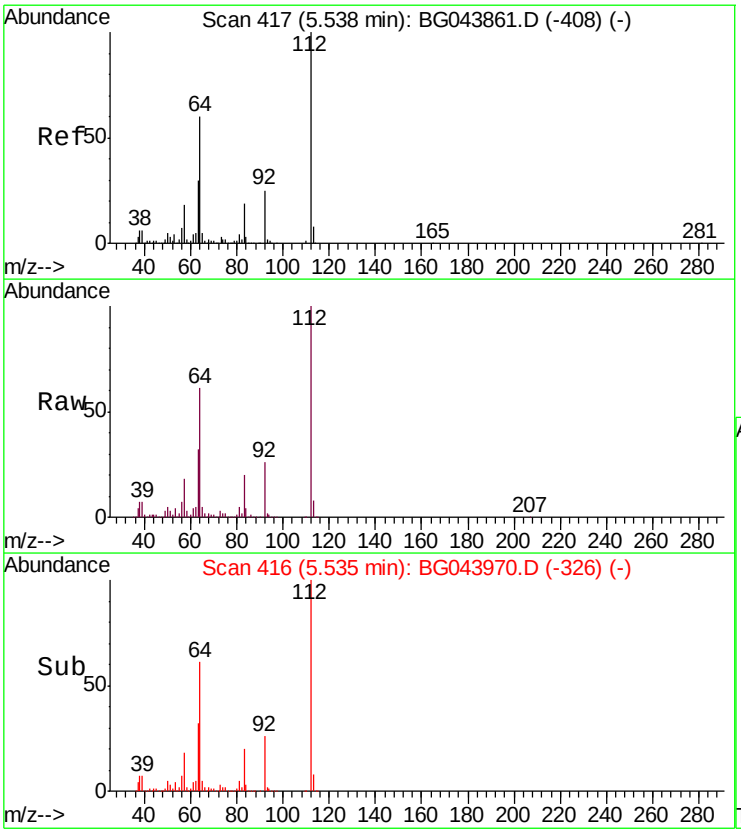
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:152 Resp: 130992

Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.0	190.4
115	57.7	47.8	71.8

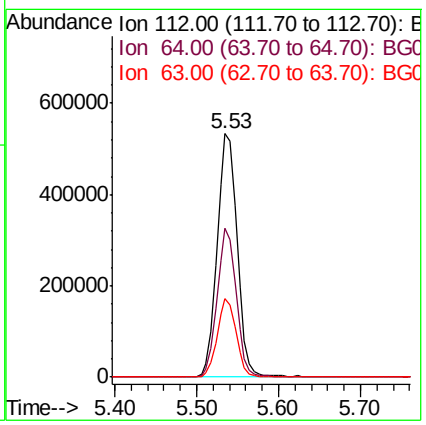


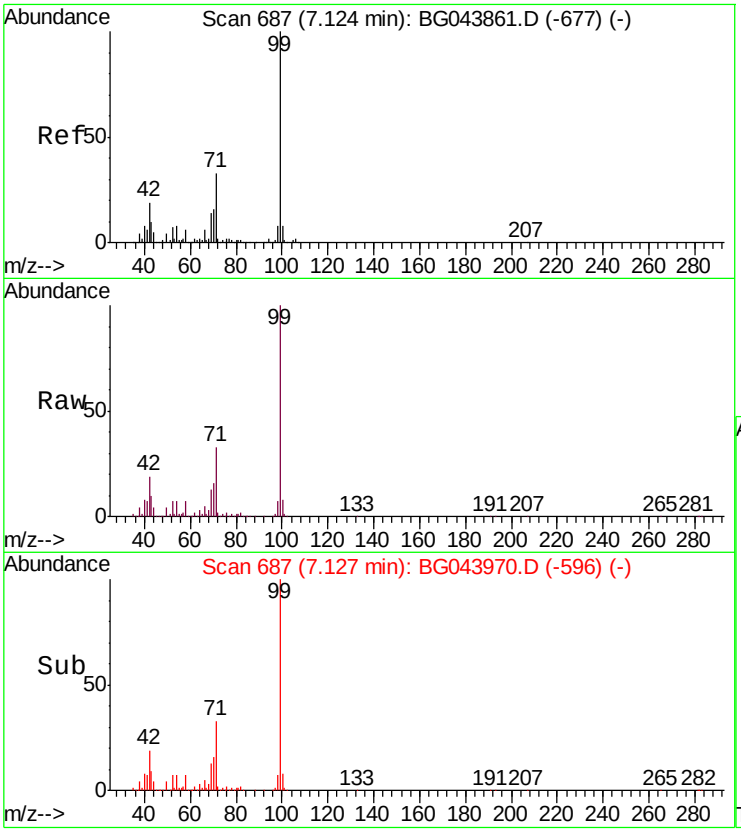


#5
2-Fluorophenol
Concen: 127.890 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:112 Resp: 912387

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.8	71.6
63	32.1	24.3	36.5



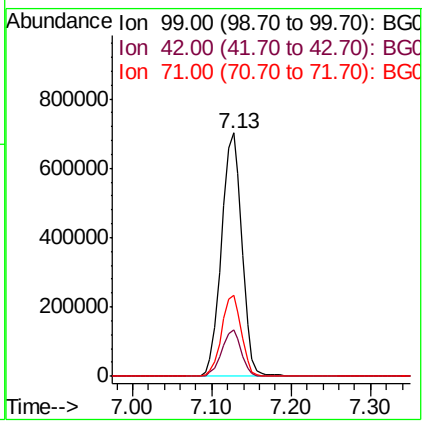


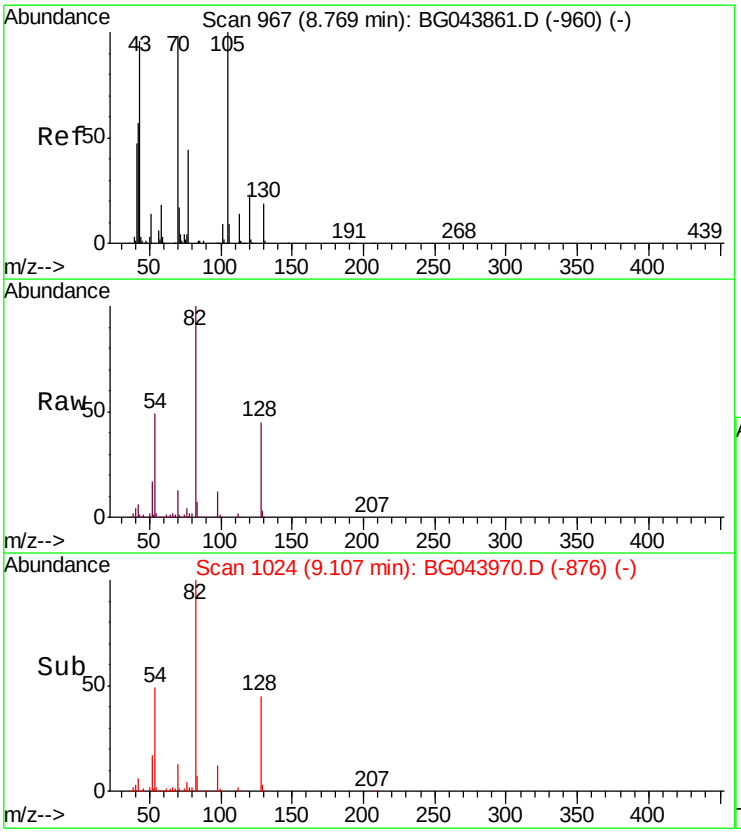
#7
Phenol-d6
Concen: 125.823 ng
RT: 7.13 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion: 99 Resp: 1254741

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.2	26.4	39.6

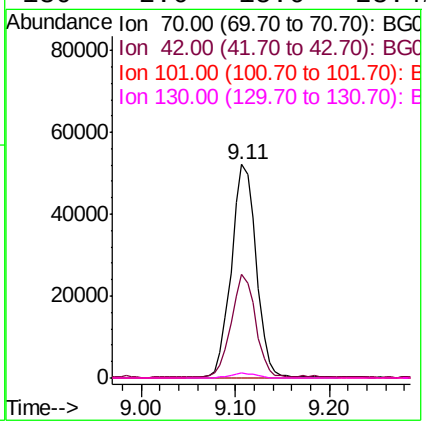


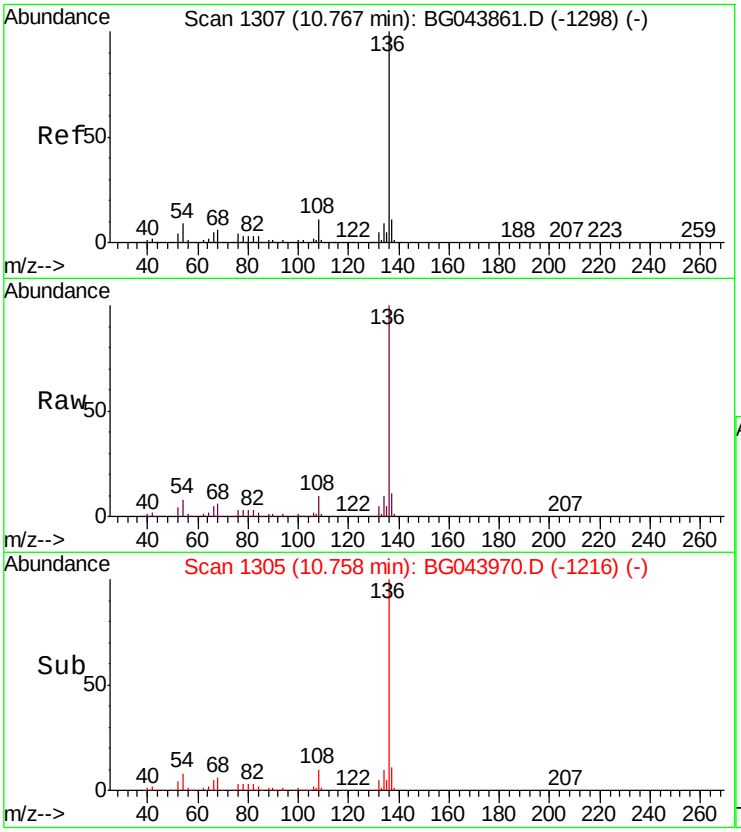


#19
n-Nitroso-di-n-propylamine
Concen: 12.999 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.34 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion: 70 Resp: 96536

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.0	70.4
101	0.0	7.2	10.8#
130	2.6	15.6	23.4#



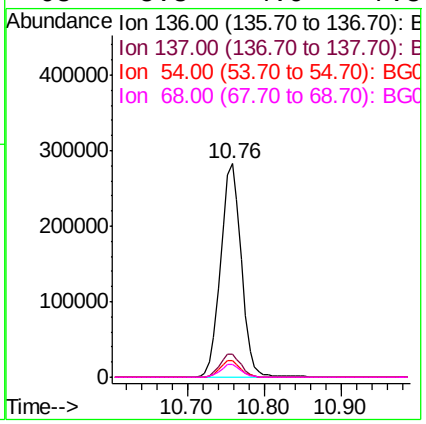


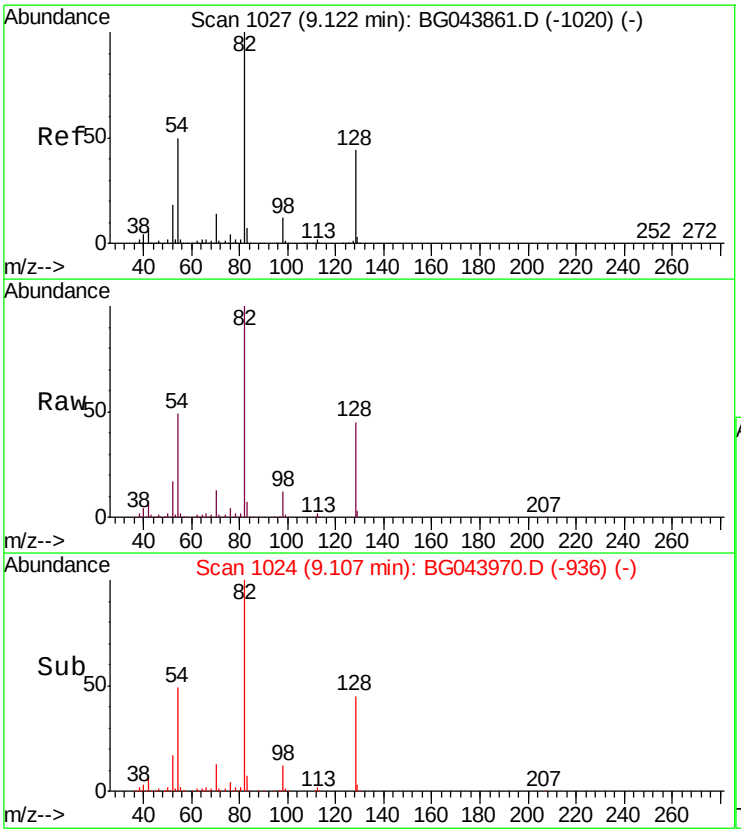
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:136 Resp: 527739

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	7.0	10.4
68	5.8	4.9	7.3

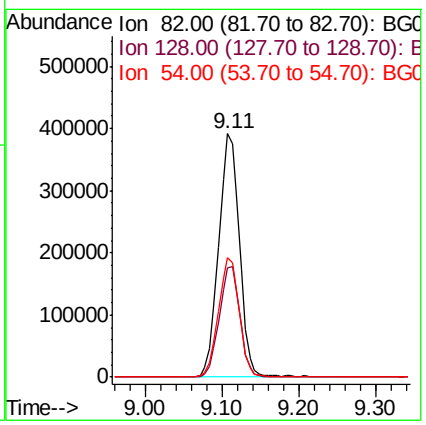


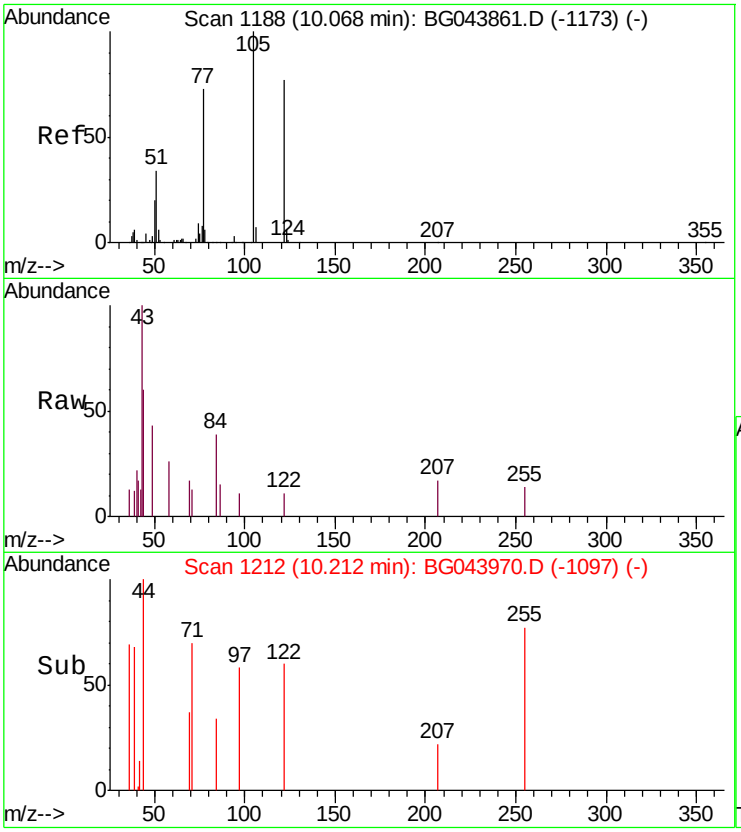


#23
Nitrobenzene-d5
Concen: 74.636 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion: 82 Resp: 736283

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	49.0	40.1	60.1



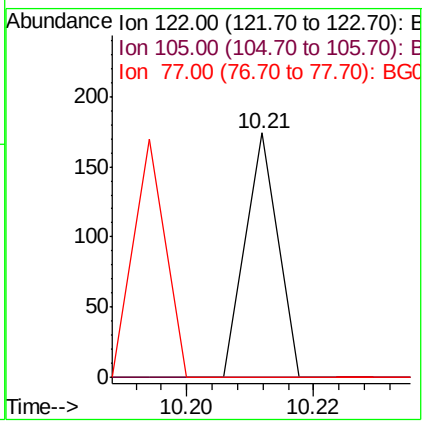


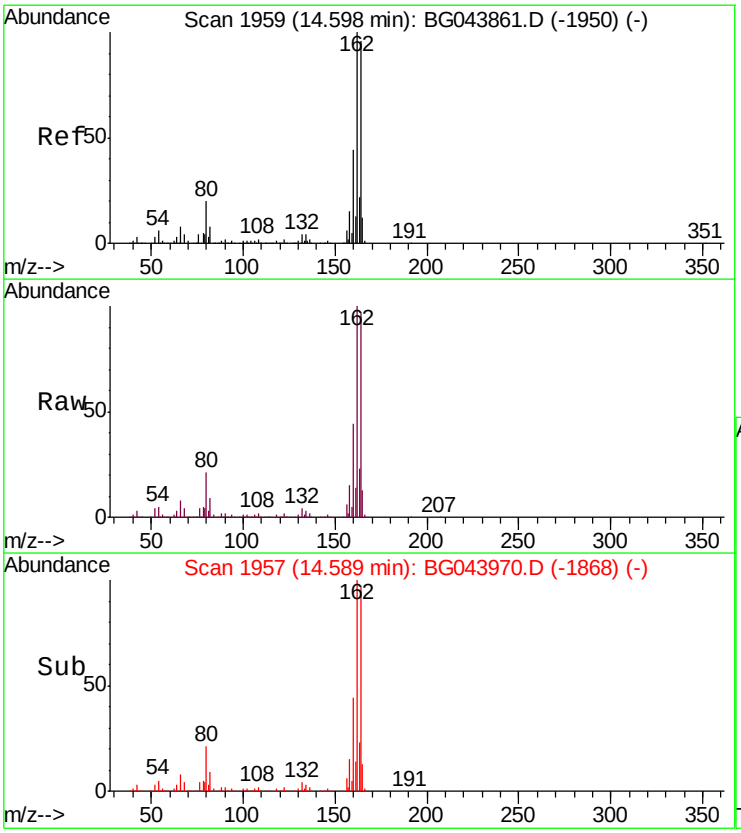
#32
Benzoic acid
Concen: 6.271 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.14 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#

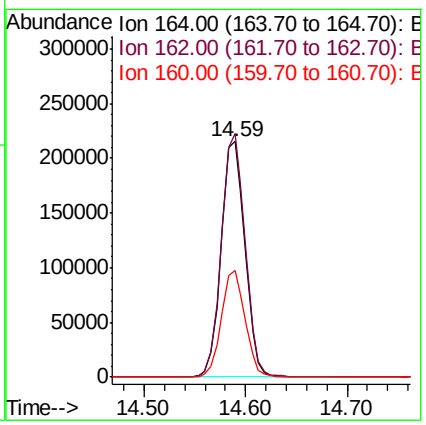


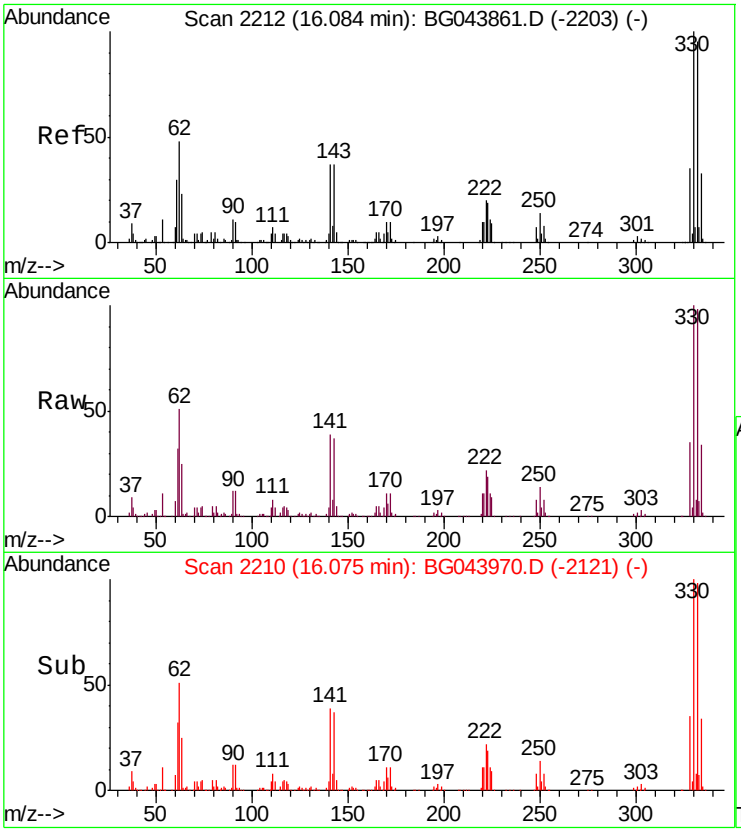


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:164 Resp: 350317

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.4
160	45.5	36.1	54.1



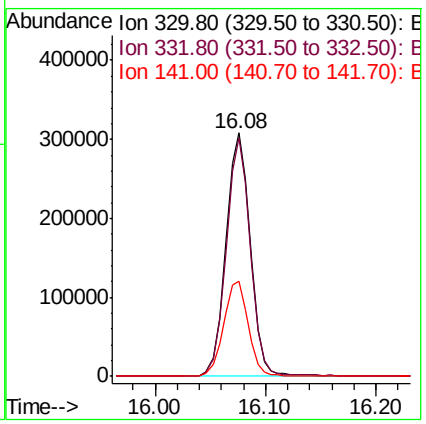


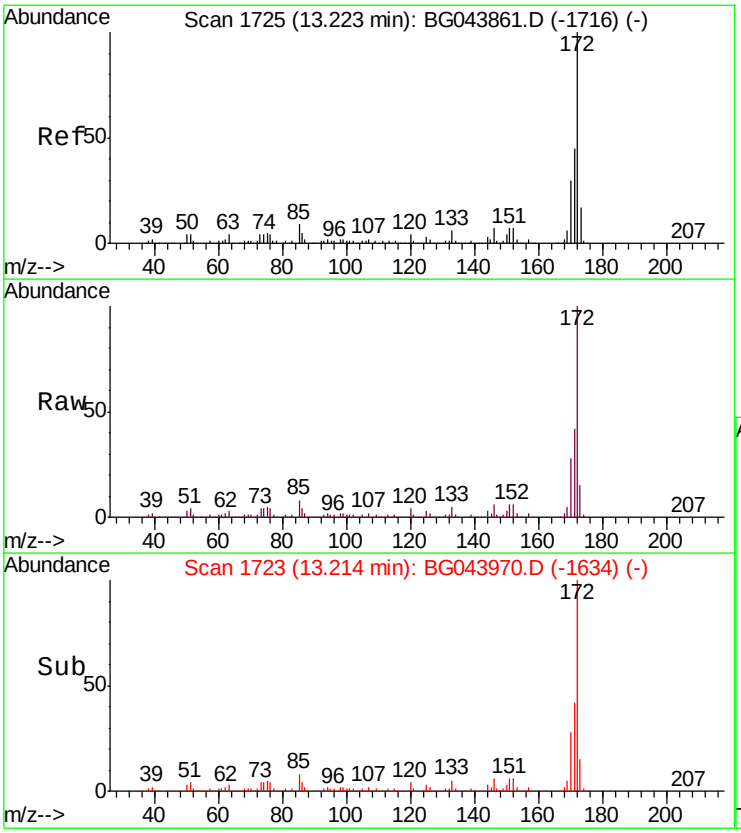
#42
2,4,6-Tribromophenol
Concen: 130.280 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:330 Resp: 477607

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	39.8	33.1	49.7

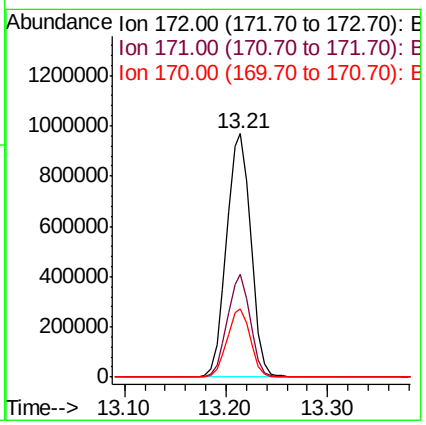


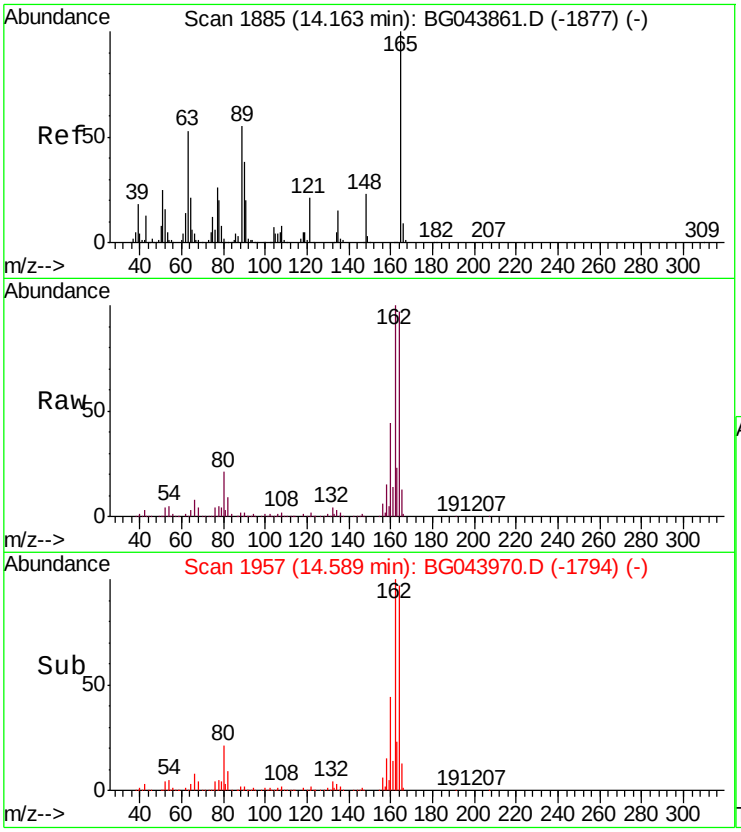


#45
2-Fluorobiphenyl
Concen: 83.258 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:172 Resp: 1609851

Ion	Ratio	Lower	Upper
172	100		
171	42.3	35.8	53.8
170	27.9	24.2	36.4



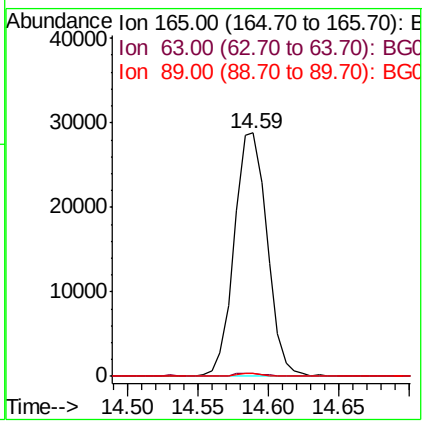


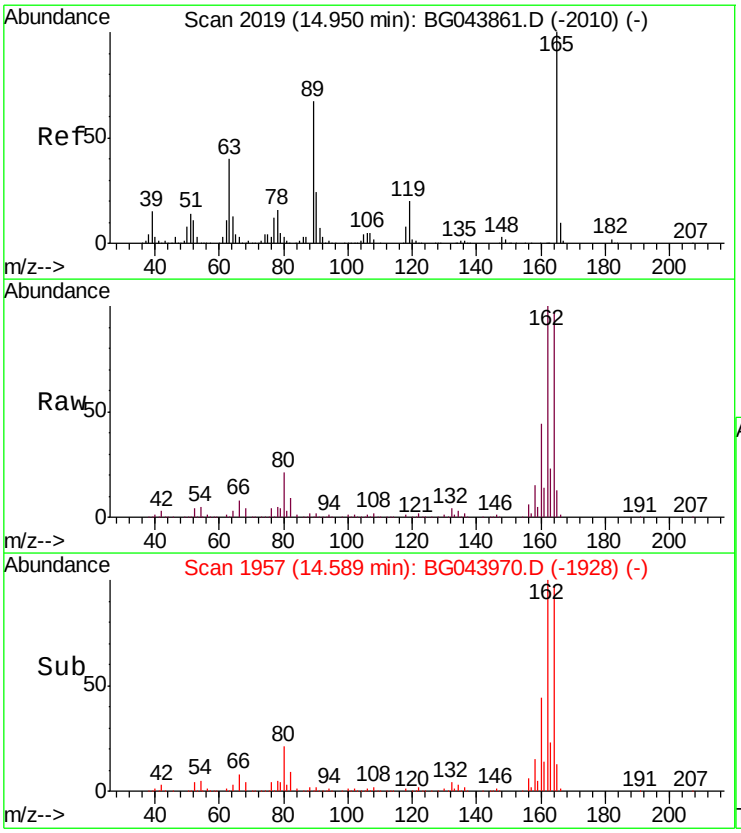
#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.43 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:165 Resp: 46927

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.1	64.7#
89	1.3	43.8	65.6#

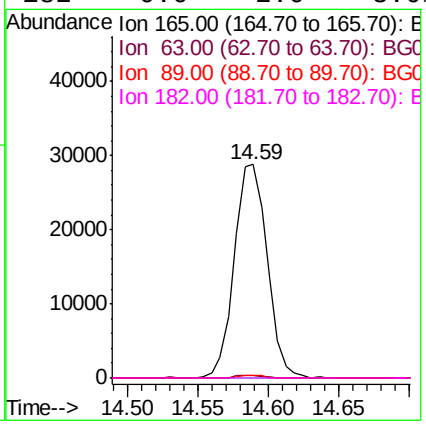


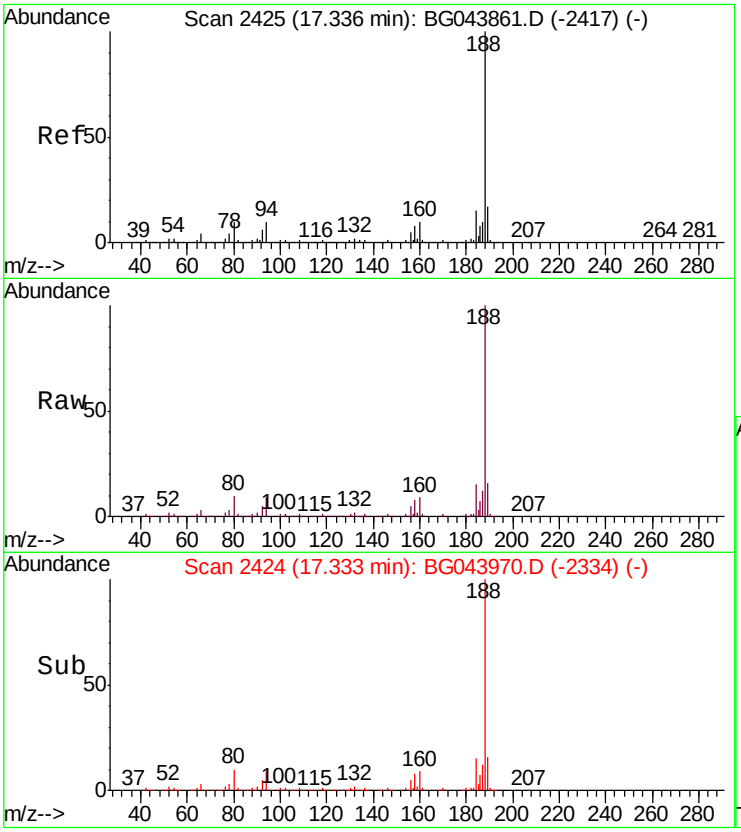


#57
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.36 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:165 Resp: 46927

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



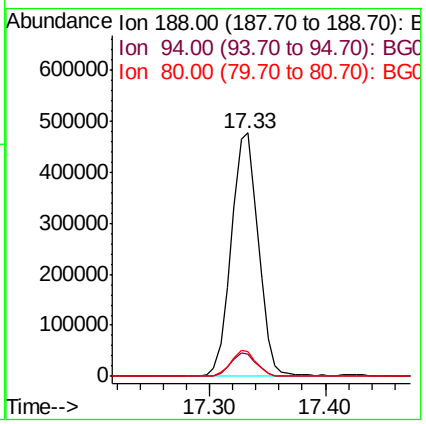


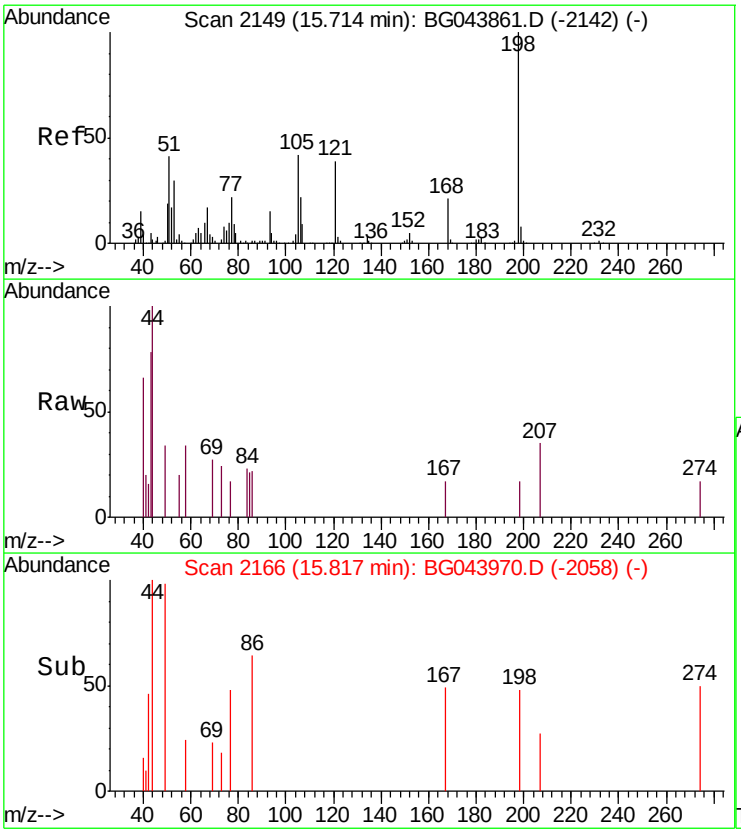
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:188 Resp: 775129

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.2	8.2	12.4

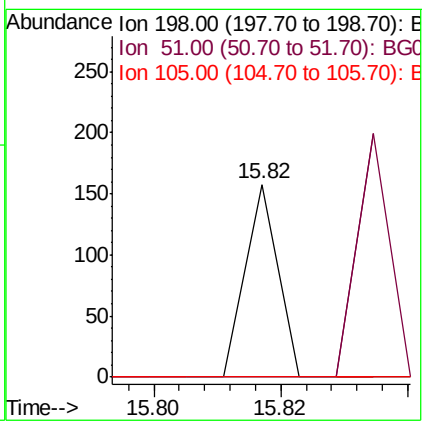


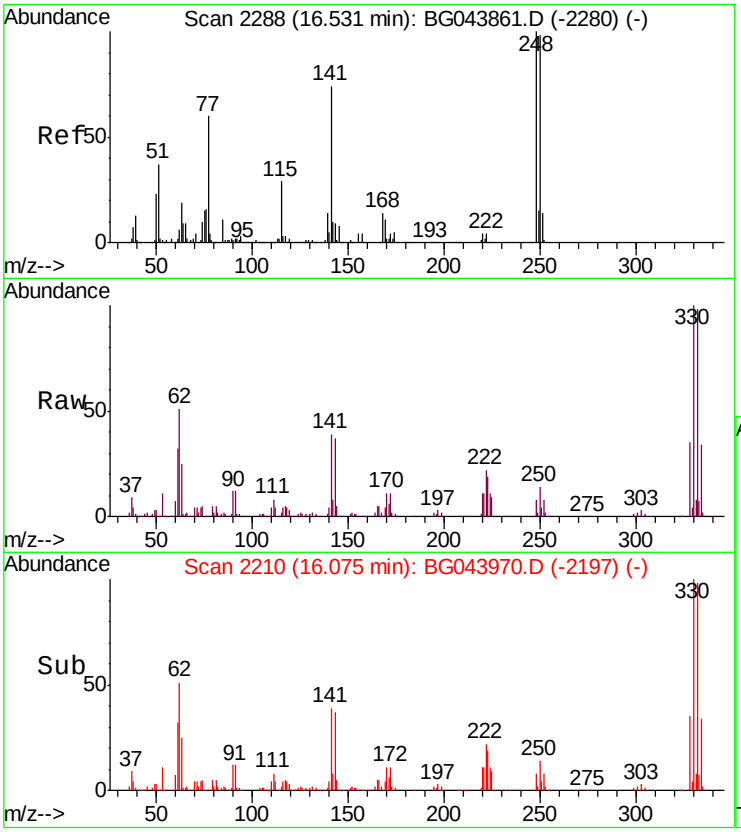


#65
4,6-Dinitro-2-methylphenol
Concen: 4.403 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.10 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	0.0	22.5	62.5#
105	0.0	22.3	62.3#



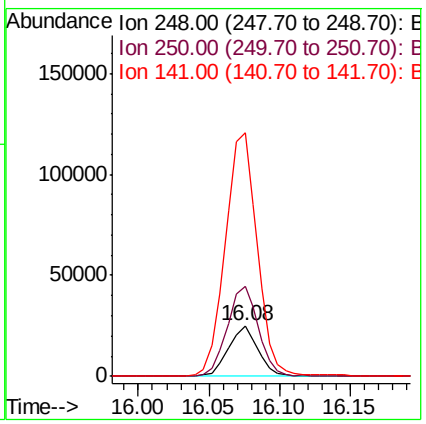


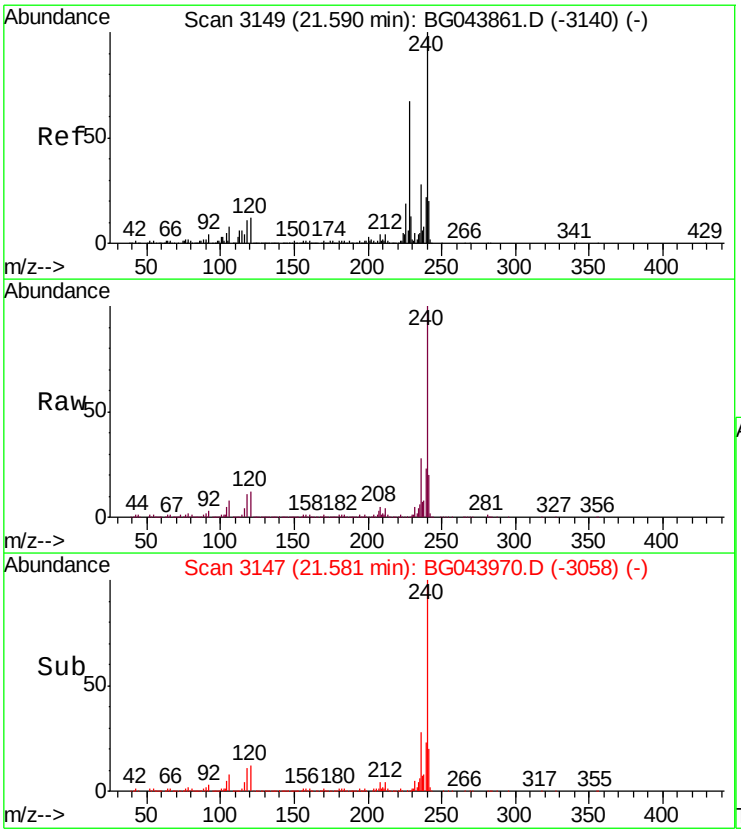
#67
4-Bromophenyl-phenylether
Concen: 4.132 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.46 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:248 Resp: 36022

Ion	Ratio	Lower	Upper
248	100		
250	177.6	78.2	117.2#
141	482.9	59.3	88.9#

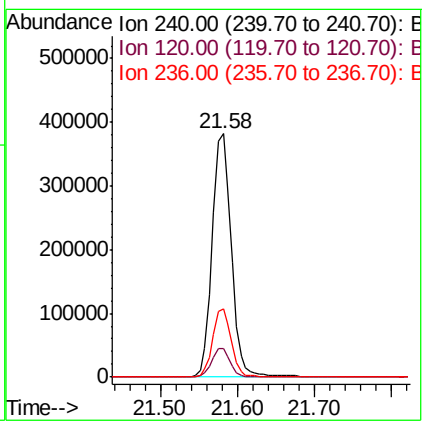


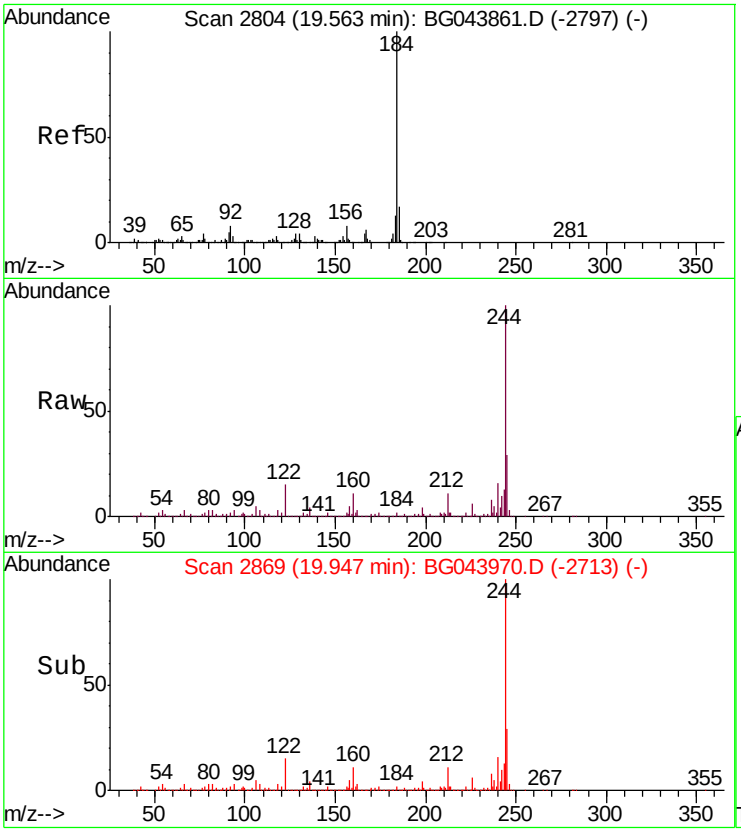


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:240 Resp: 655280

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	28.0	22.2	33.2



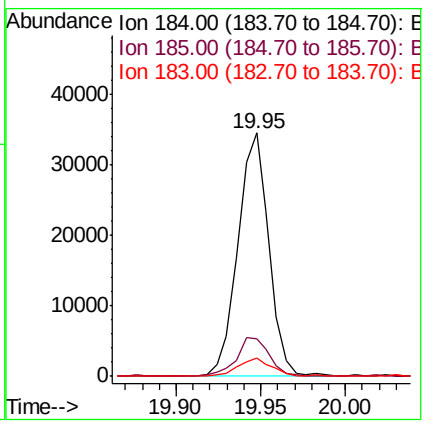


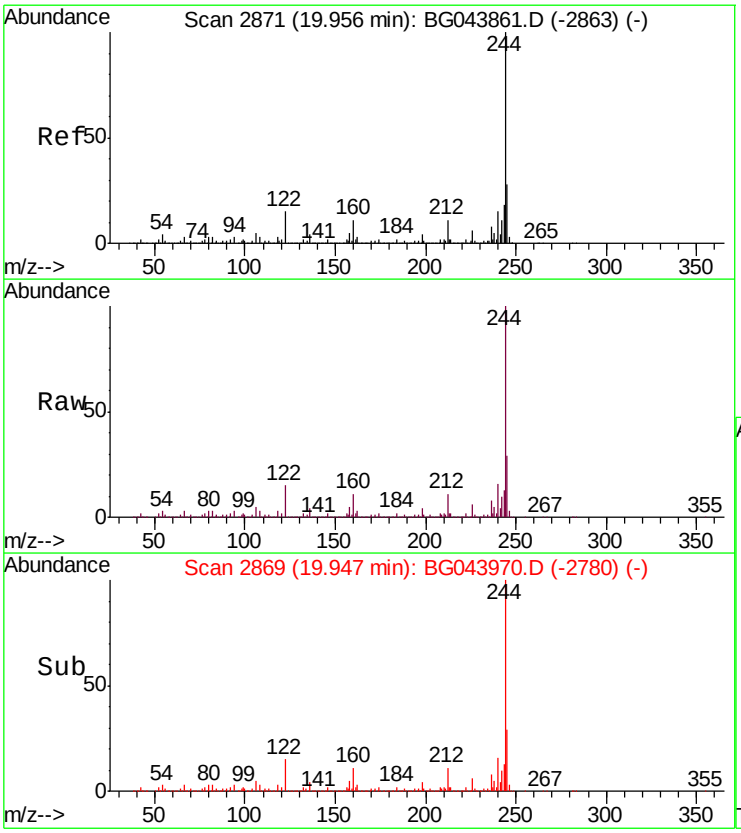
#77
Benzidine
Concen: 2.669 ng
RT: 19.95 min Scan# 2869
Delta R.T. 0.38 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:184 Resp: 43962

Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.0
183	7.7	10.6	15.8#

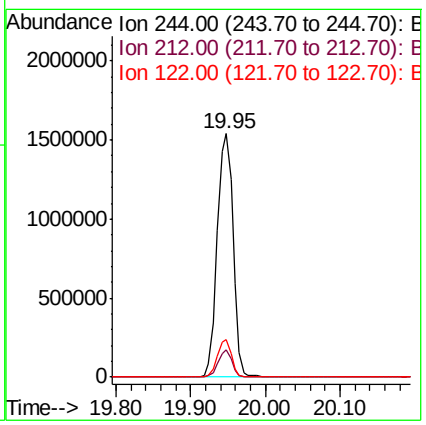


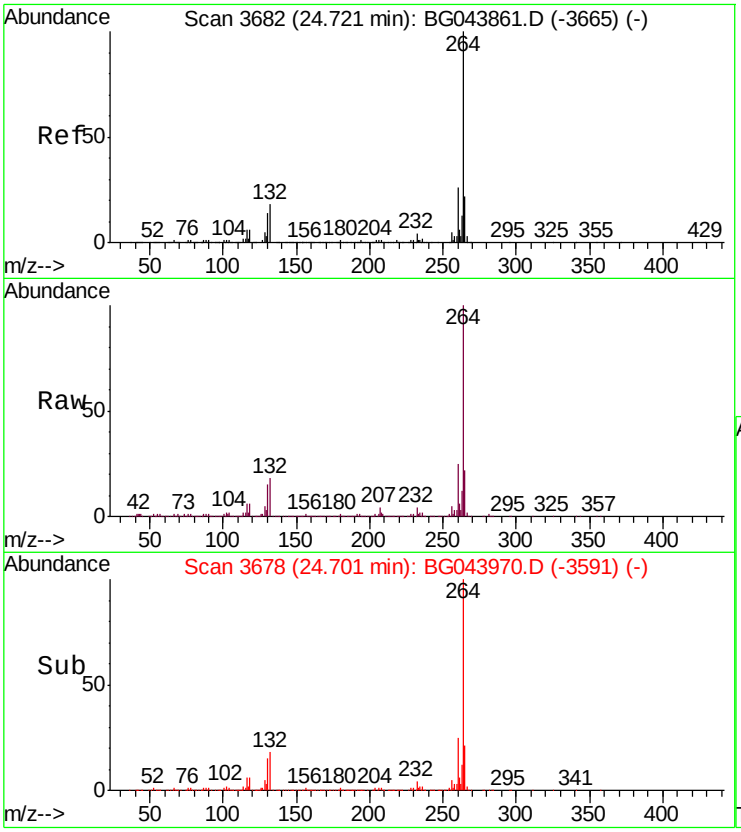


#79
Terphenyl-d14
Concen: 83.149 ng
RT: 19.95 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion:244 Resp: 2272957

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.6	13.0
122	15.4	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tgt Ion:264 Resp: 718919

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.7	17.4	26.2