Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010620\

Quantitation Report (Not Reviewed)

Data File : BG043930.D
Acq On : 6 Jan 2020 14:05
Operator : JU
Sample : PB125878BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125878BL

Quant Time: Jan 07 04:45:19 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	124156	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	545527	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	372399	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	807155	20.00	ng	0.00
76) Chrysene-d12	21.58	240	700093	20.00	ng	0.00
87) Perylene-d12	24.71	264	773451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	546850	80.87	ng	0.00
7) Phenol-d6	7.12	99	507484	53.69	ng	0.00
23) Nitrobenzene-d5	9.12	82	772816	75.78	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	483370	124.03	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1700998	82.76	ng	0.00
79) Terphenyl-d14	19.95	244	2413488	82.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	23029	7.811	ng	# 1
19) n-Nitroso-di-n-propylamine	9.12	70	101791	14.461	ng	# 79
51) 2,6-Dinitrotoluene	14.59	165	48750	8.157	ng	# 27
57) 2,4-Dinitrotoluene	14.59	165	48750	5.995	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.08	198	1590	4.737	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	33860	3.730	ng	# 1
77) Benzidine	19.95	184	49221	2.797	ng	# 91

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

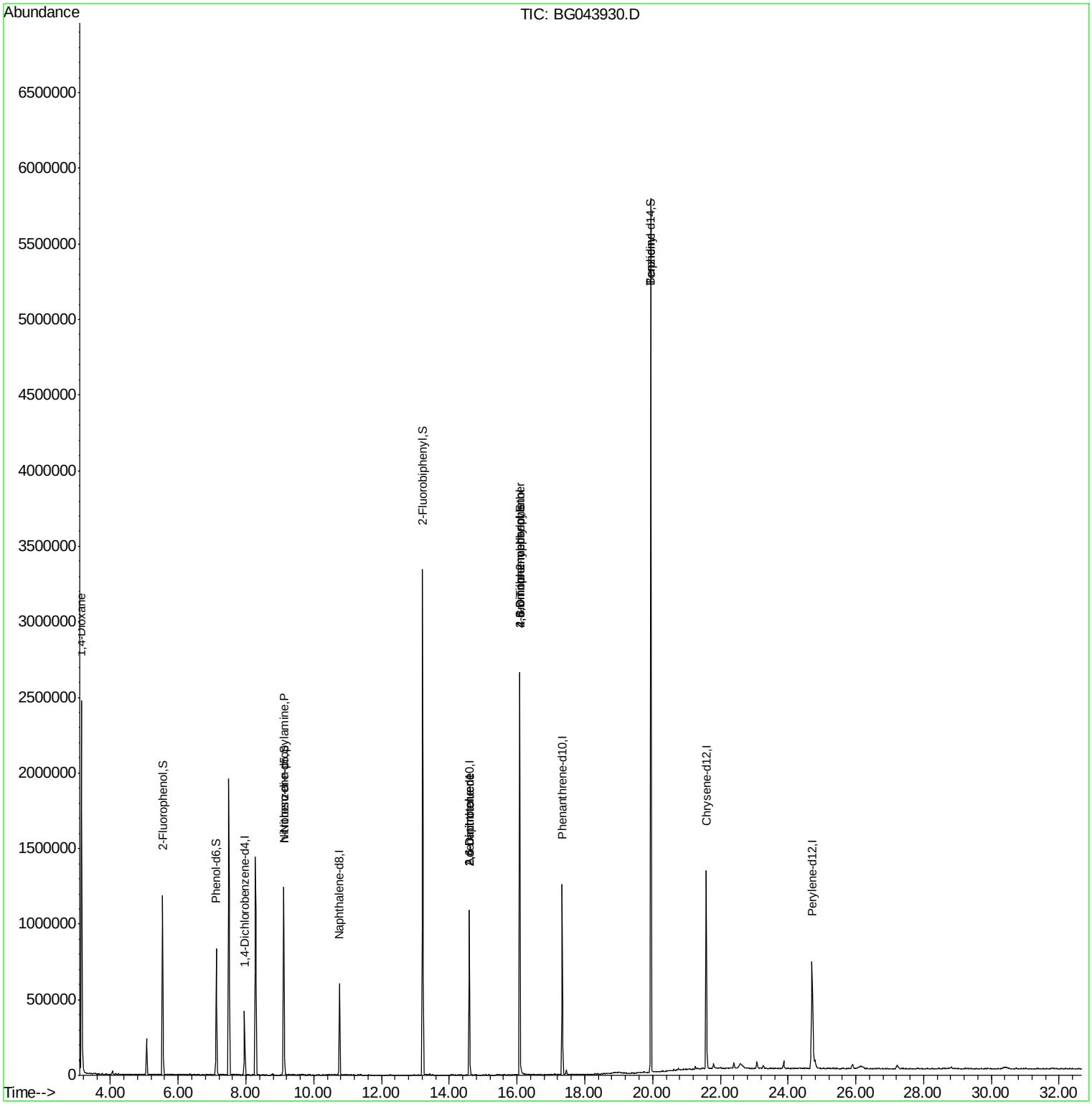
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010620\

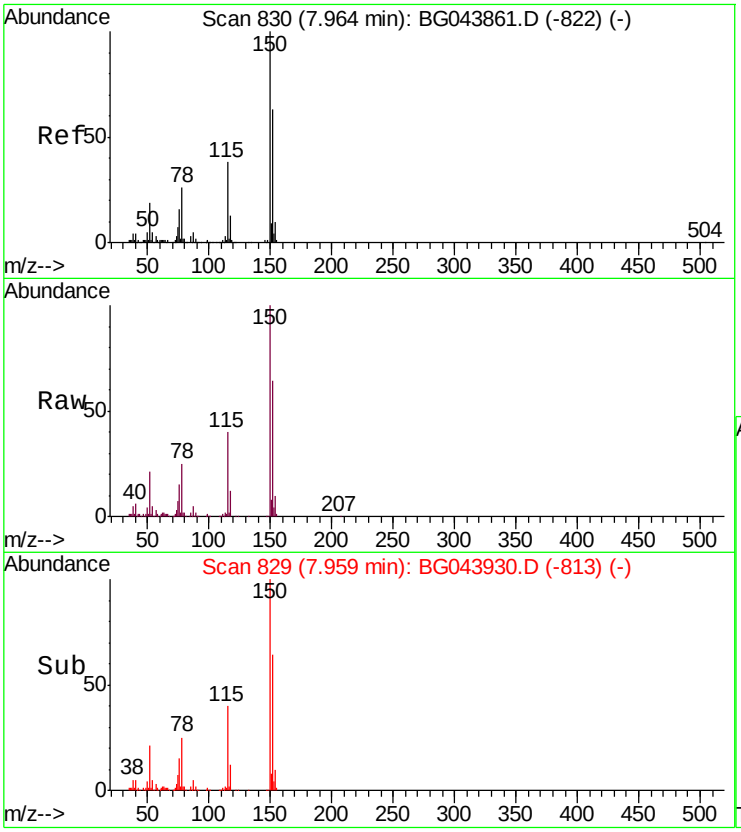
Quantitation Report (Not Reviewed)

Data File : BG043930.D
Acq On : 6 Jan 2020 14:05
Operator : JU
Sample : PB125878BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125878BL

Quant Time: Jan 07 04:45:19 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



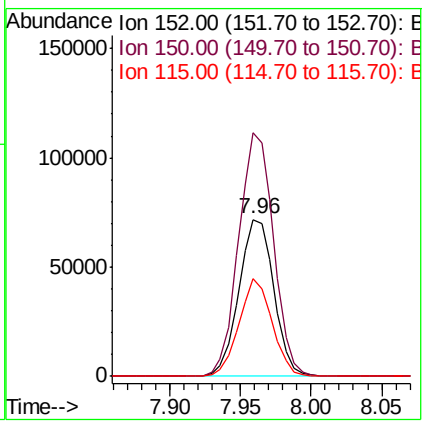


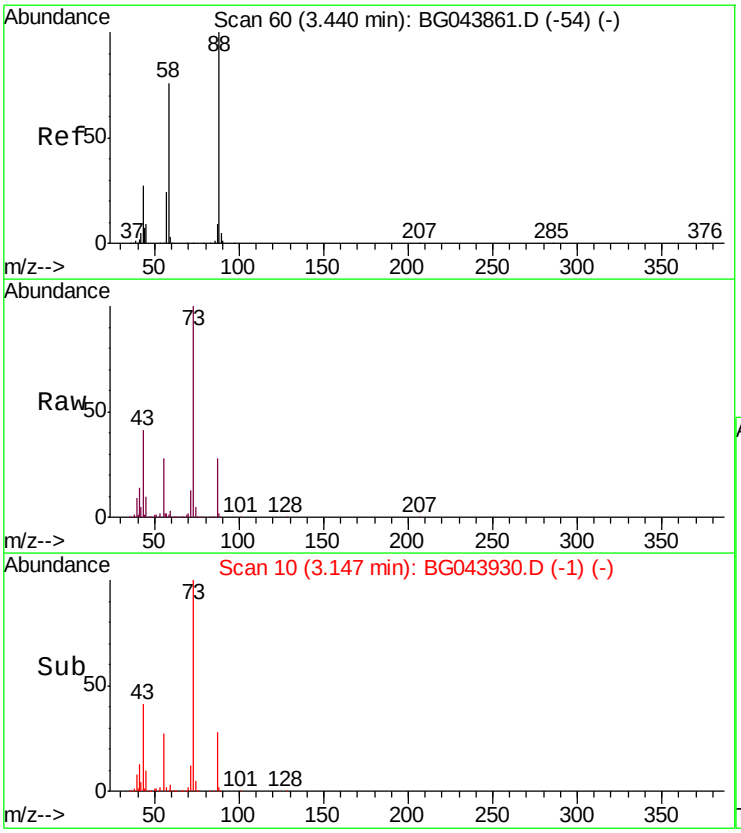
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:152 Resp: 124156

Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	62.1	47.8	71.8

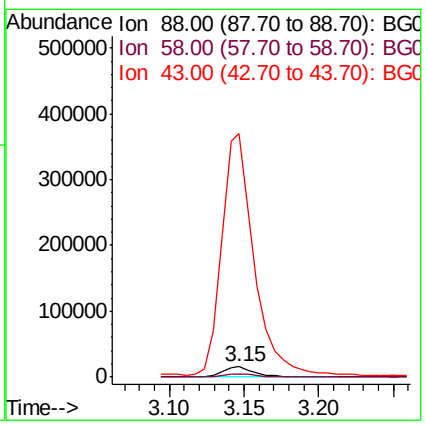


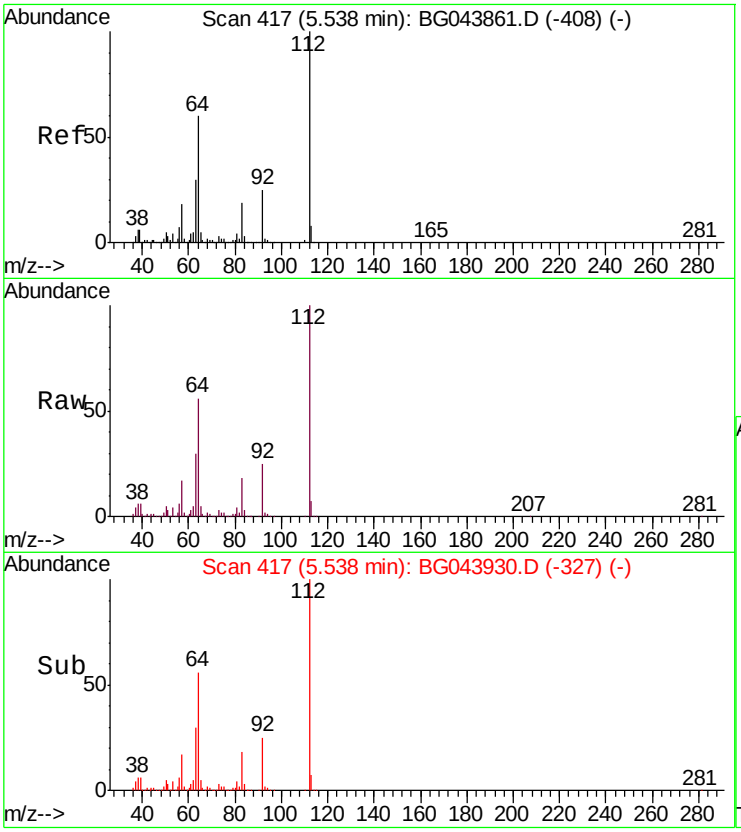


#2
1,4-Dioxane
Concen: 7.811 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.29 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion: 88 Resp: 23029

Ion	Ratio	Lower	Upper
88	100		
58	29.7	59.8	89.8#
43	2462.8	22.9	34.3#



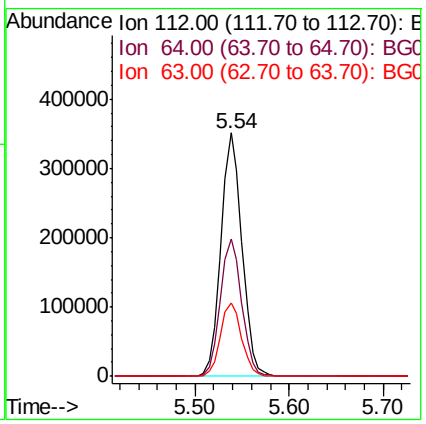


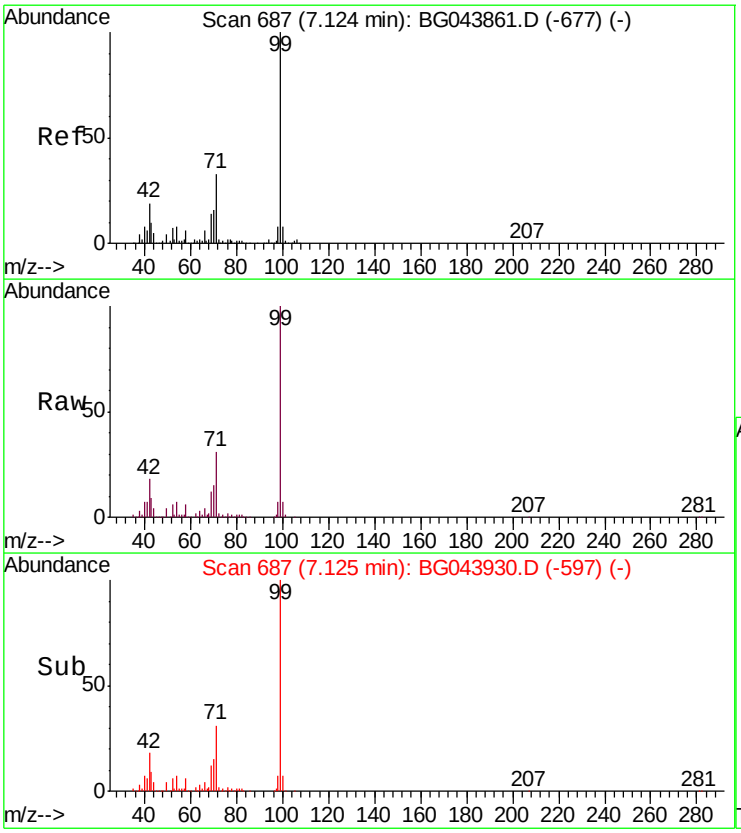
#5
2-Fluorophenol
Concen: 80.873 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:112 Resp: 546850

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.8	71.6
63	30.2	24.3	36.5

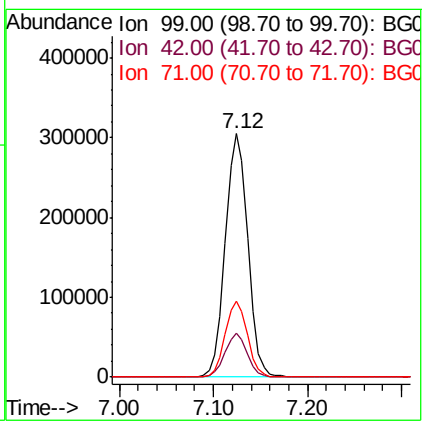


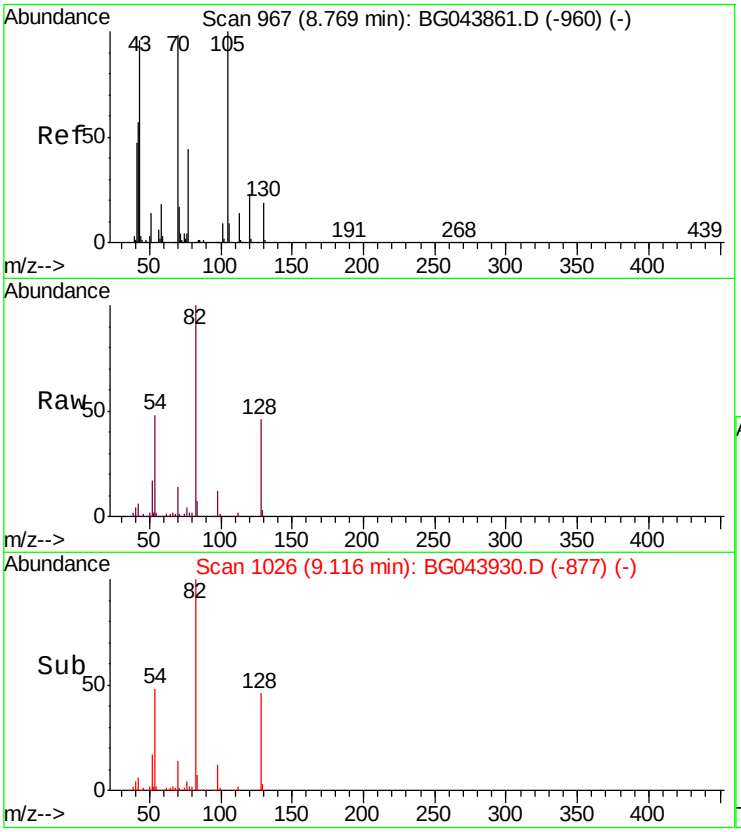


#7
Phenol-d6
Concen: 53.691 ng
RT: 7.12 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion: 99 Resp: 507484

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	31.3	26.4	39.6



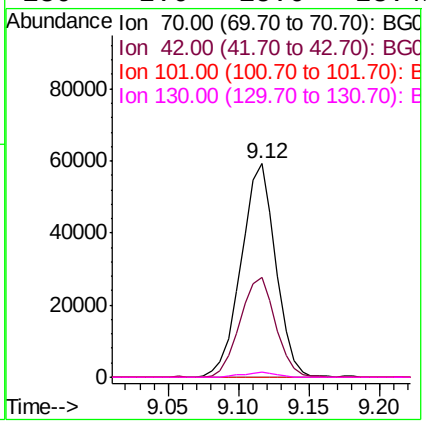


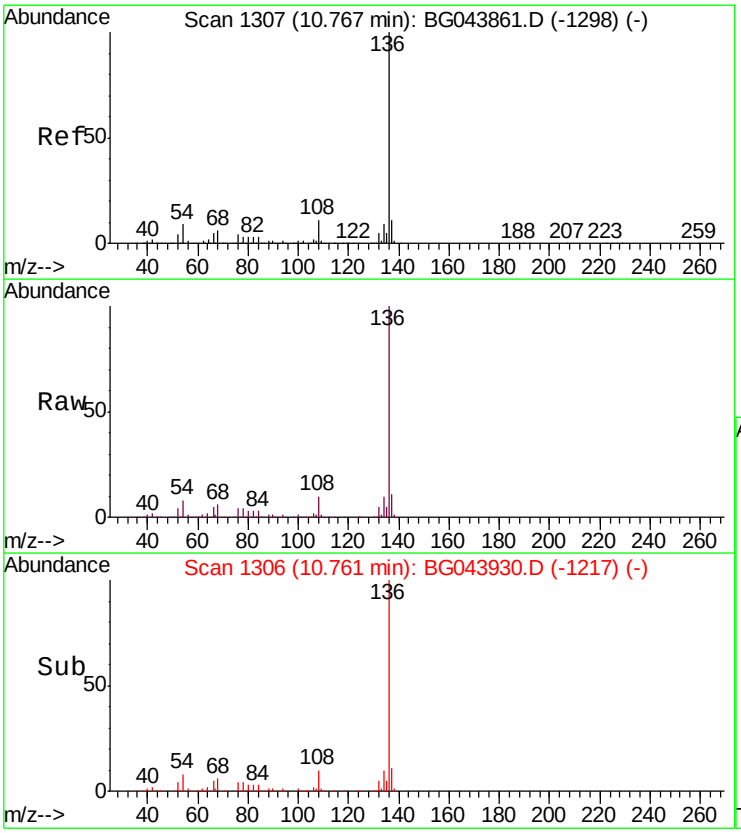
#19
n-Nitroso-di-n-propylamine
Concen: 14.461 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion: 70 Resp: 101791

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.0	70.4#
101	0.0	7.2	10.8#
130	2.6	15.6	23.4#

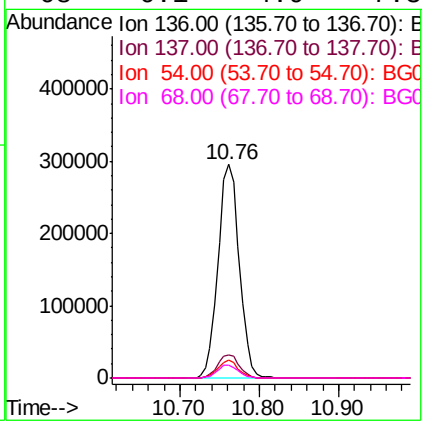


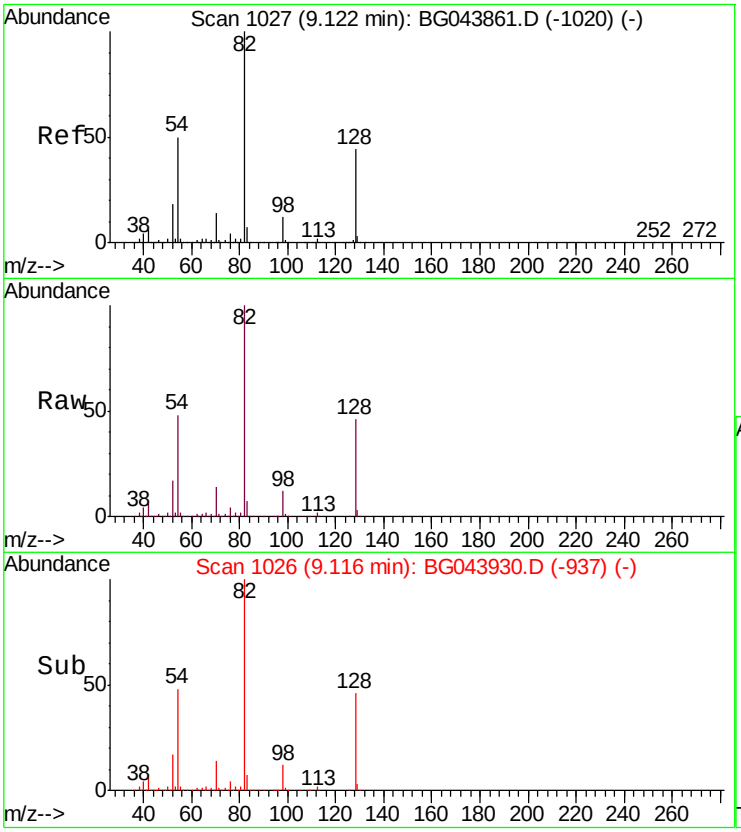


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:136 Resp: 545527

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	7.0	10.4
68	6.1	4.9	7.3



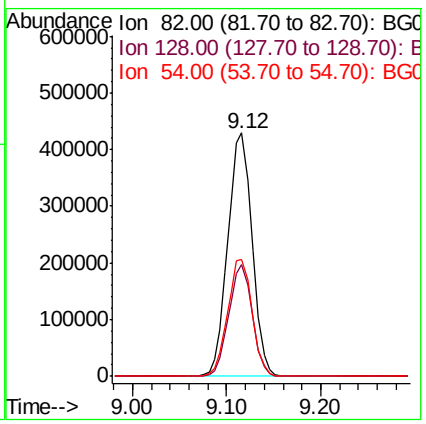


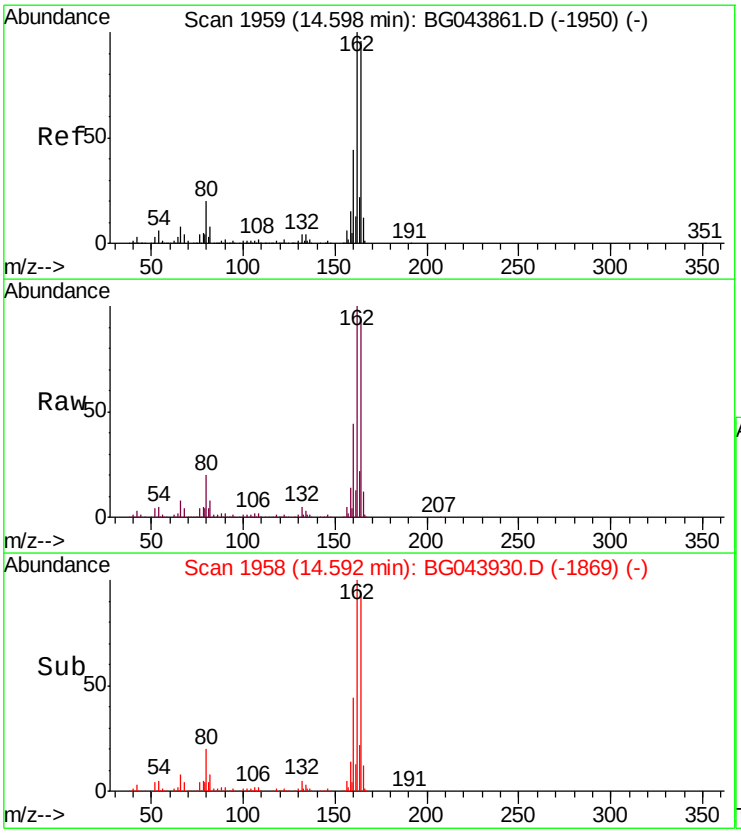
#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion: 82 Resp: 772816

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	48.3	40.1	60.1

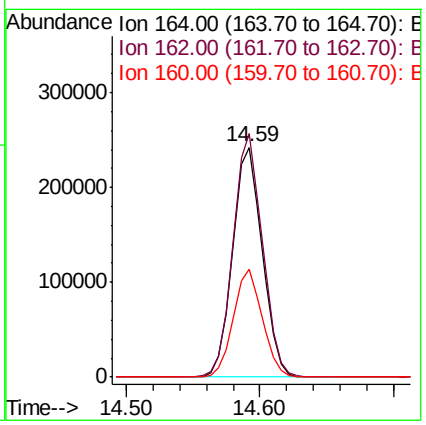


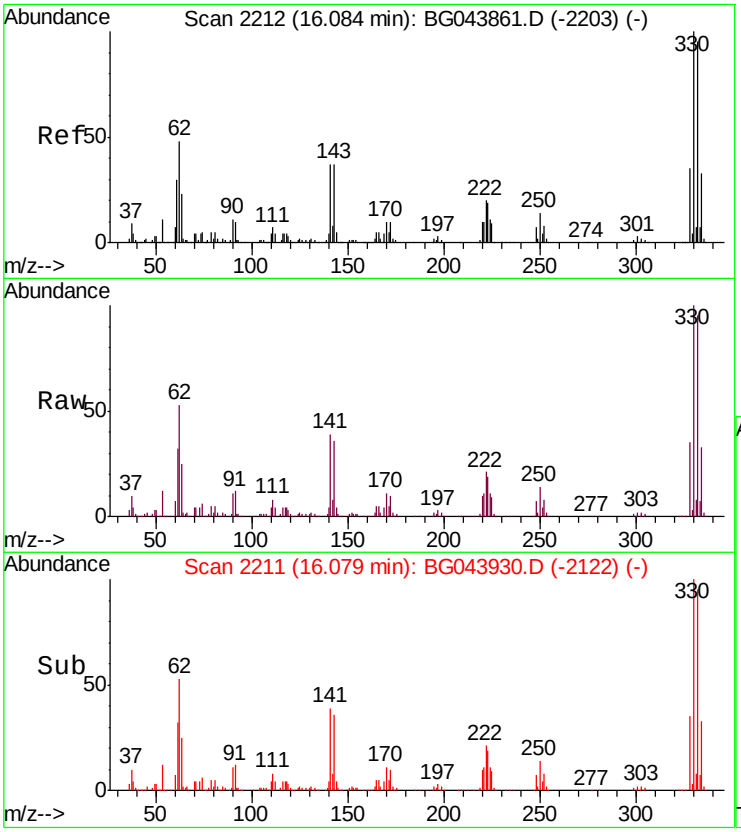


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:164 Resp: 372399

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.0	124.4
160	46.9	36.1	54.1



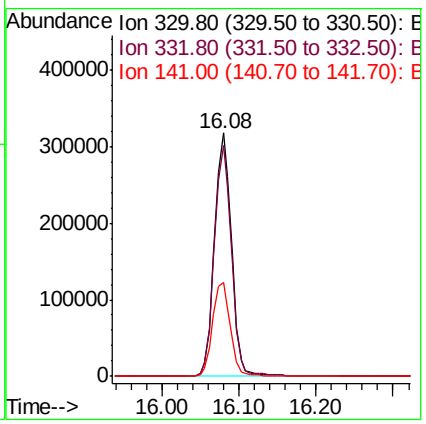


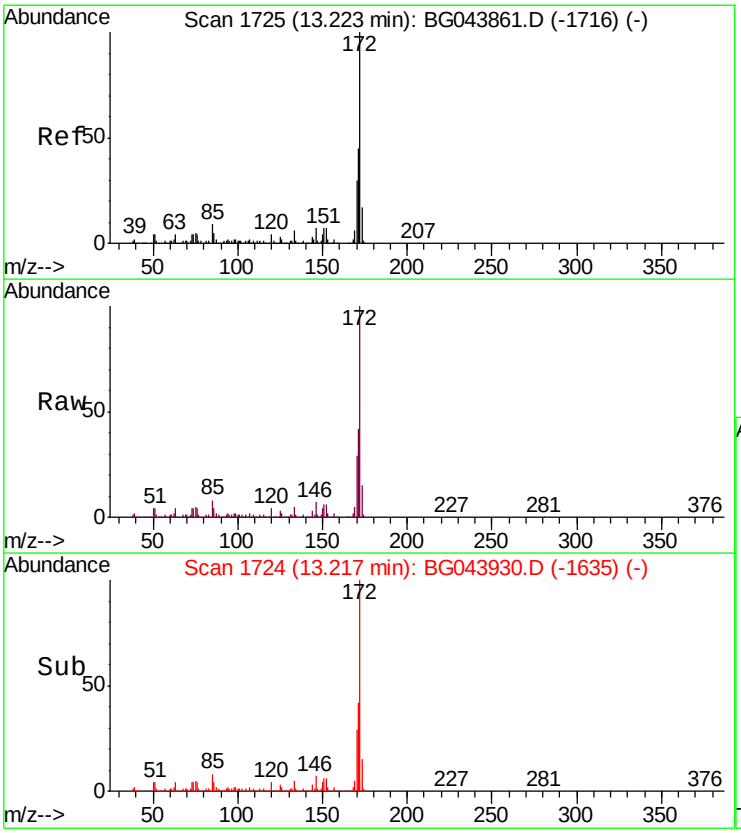
#42
2,4,6-Tribromophenol
Concen: 124.034 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:330 Resp: 483370

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	39.8	33.1	49.7

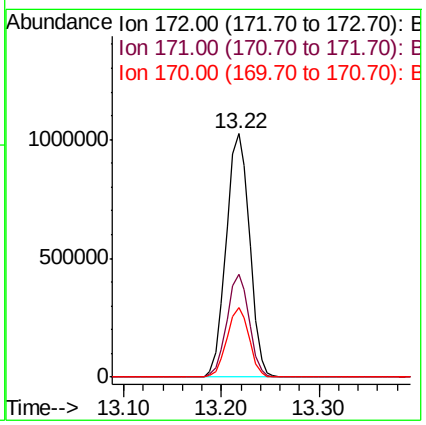


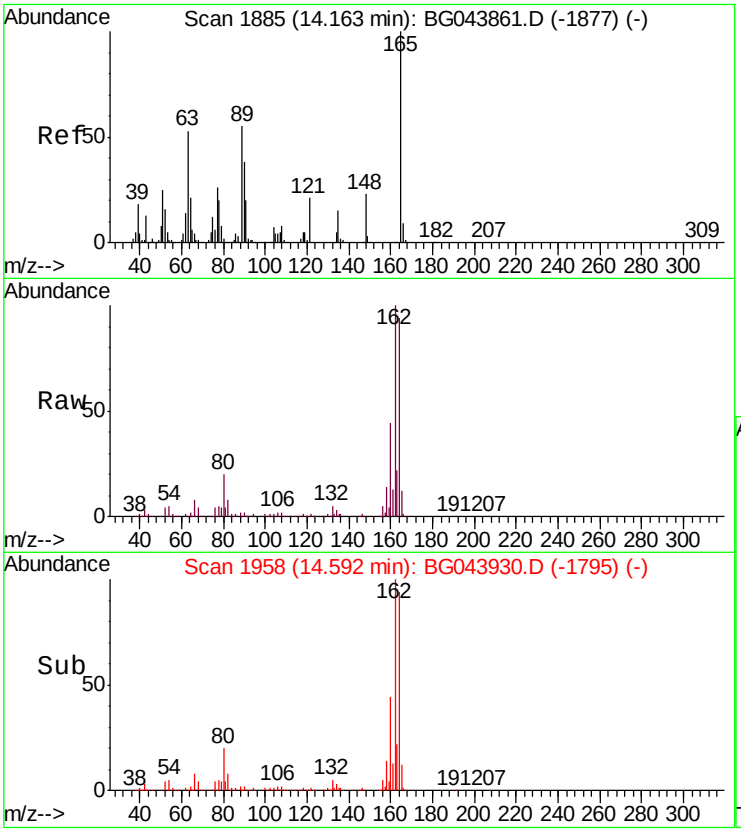


#45
2-Fluorobiphenyl
Concen: 82.756 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:172 Resp: 1700998

Ion	Ratio	Lower	Upper
172	100		
171	42.3	35.8	53.8
170	28.5	24.2	36.4



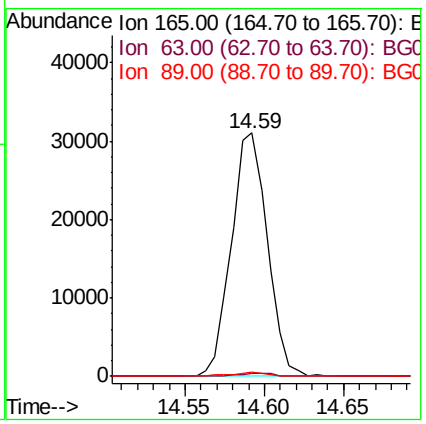


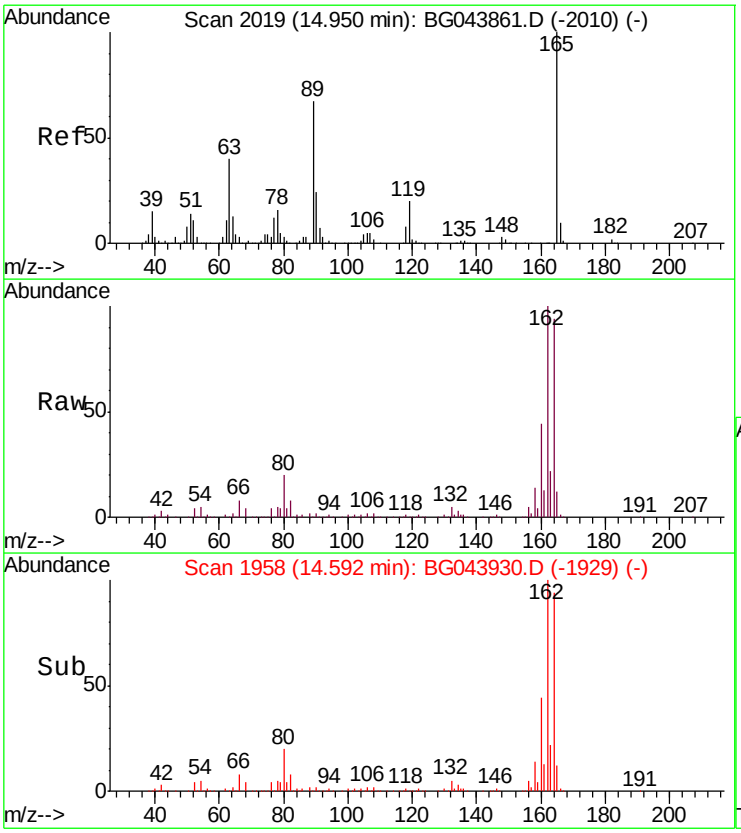
#51
2,6-Dinitrotoluene
Concen: 8.157 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:165 Resp: 48750

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.1	64.7#
89	1.7	43.8	65.6#

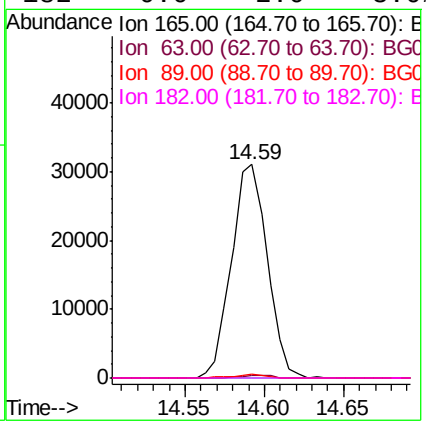


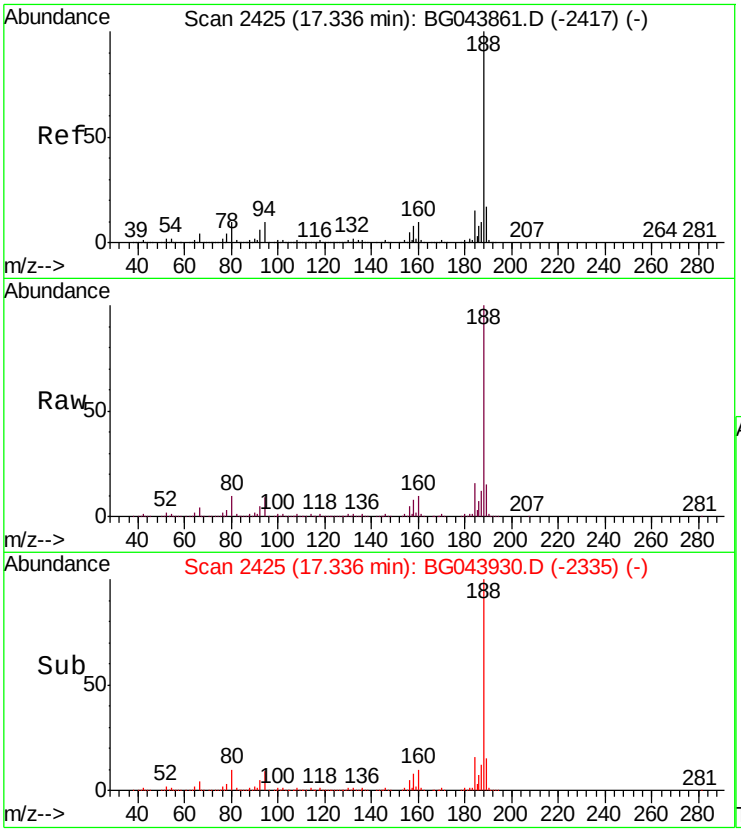


#57
2,4-Dinitrotoluene
Concen: 5.995 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:165 Resp: 48750

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.9	47.9#
89	1.7	53.8	80.6#
182	0.0	2.0	3.0#



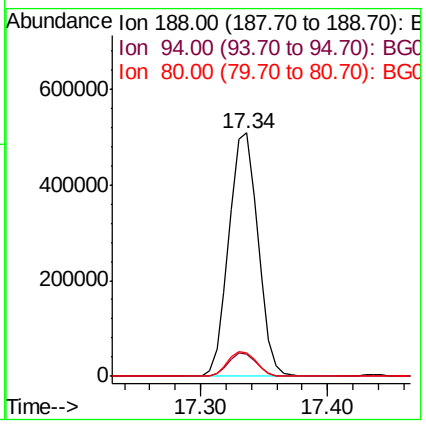


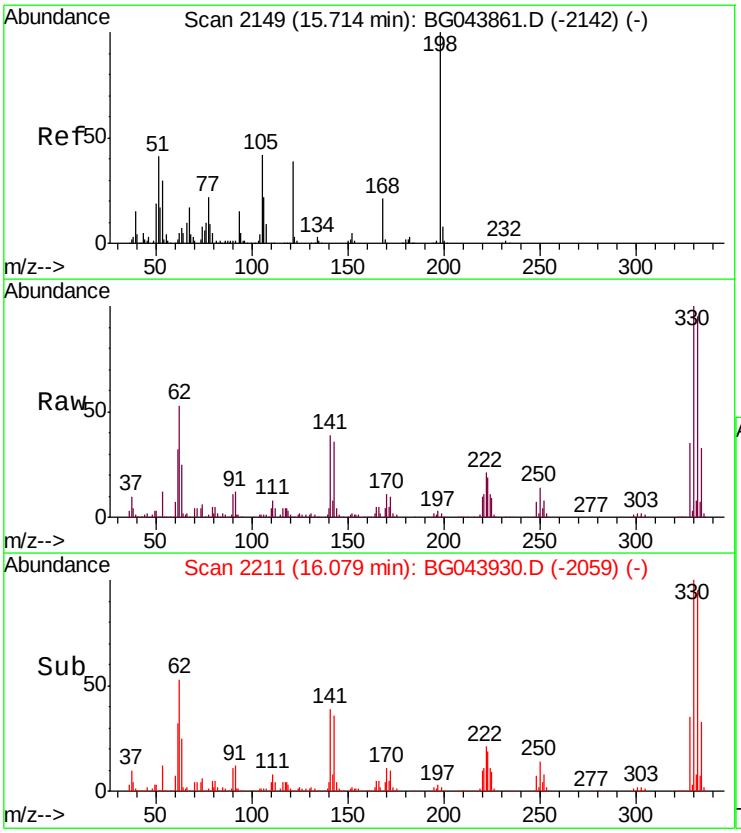
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:188 Resp: 807155

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.7	8.2	12.4

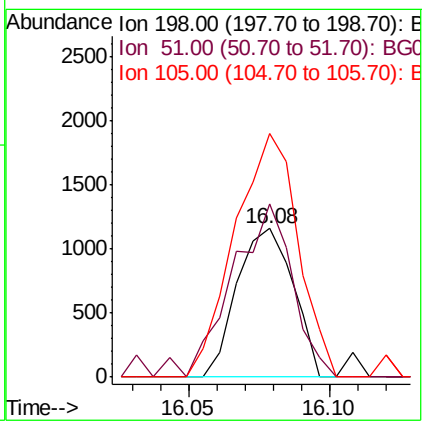


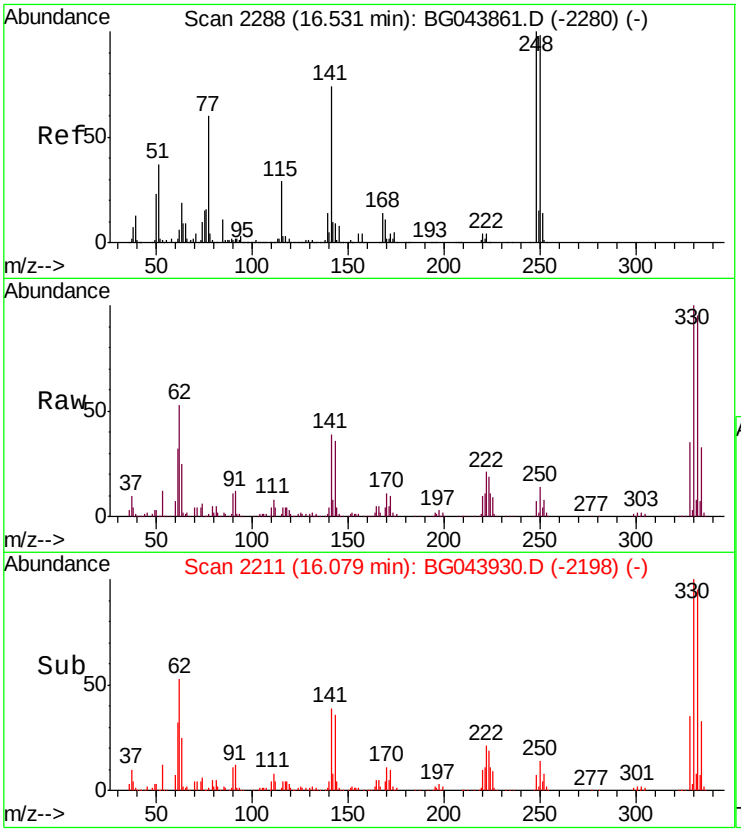


#65
4,6-Dinitro-2-methylphenol
Concen: 4.737 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.36 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:198 Resp: 1590

Ion	Ratio	Lower	Upper
198	100		
51	116.2	22.5	62.5#
105	163.8	22.3	62.3#



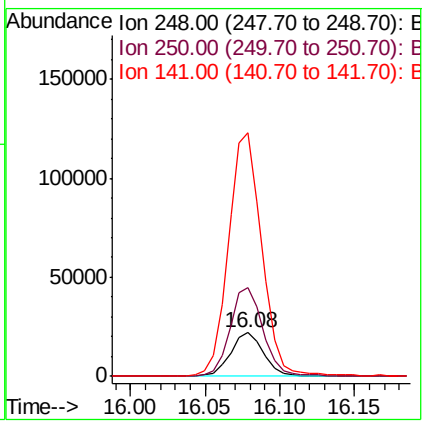


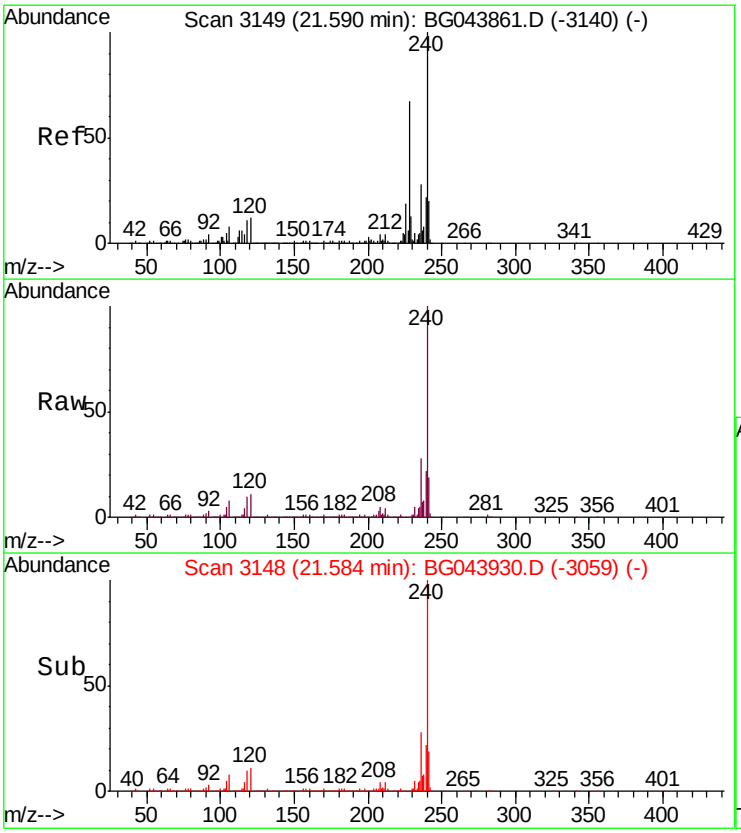
#67
4-Bromophenyl-phenylether
Concen: 3.730 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.45 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:248 Resp: 33860

Ion	Ratio	Lower	Upper
248	100		
250	205.0	78.2	117.2#
141	559.9	59.3	88.9#

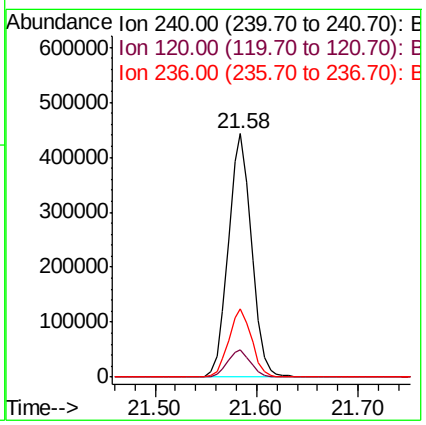


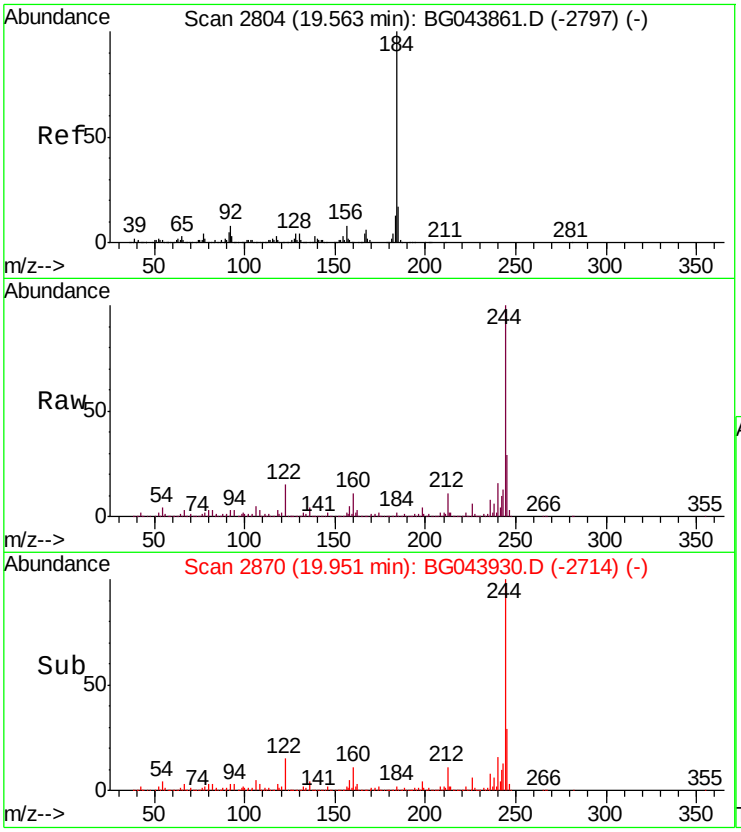


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:240 Resp: 700093

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	27.8	22.2	33.2



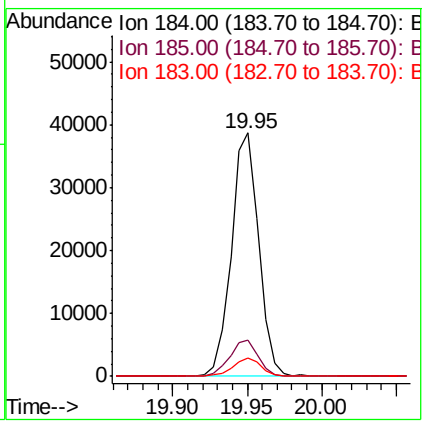


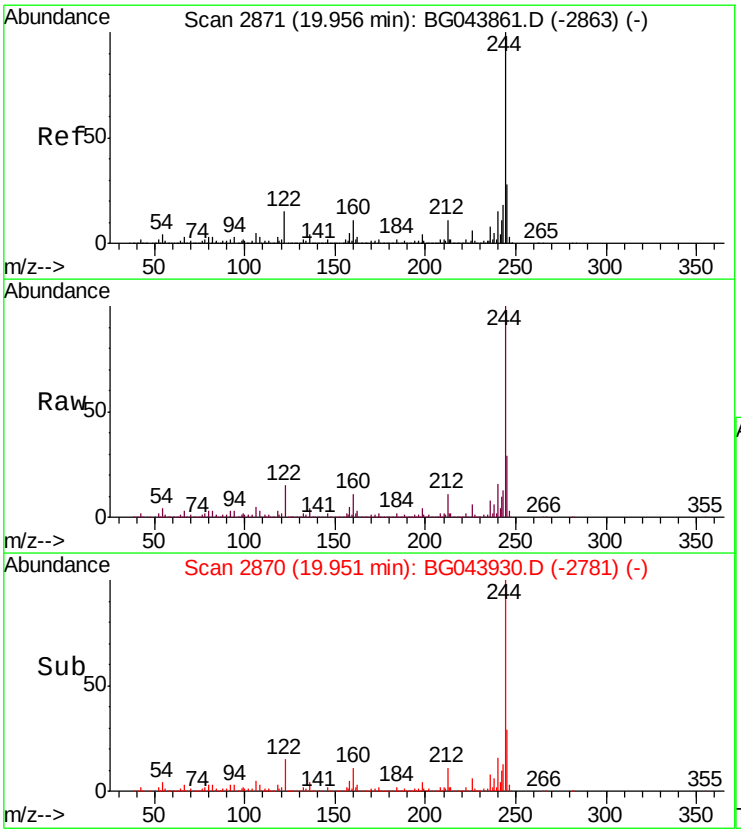
#77
Benzidine
Concen: 2.797 ng
RT: 19.95 min Scan# 2870
Delta R.T. 0.39 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:184 Resp: 49221

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.0
183	7.4	10.6	15.8#

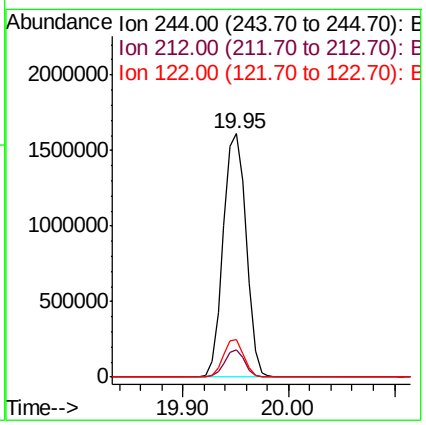


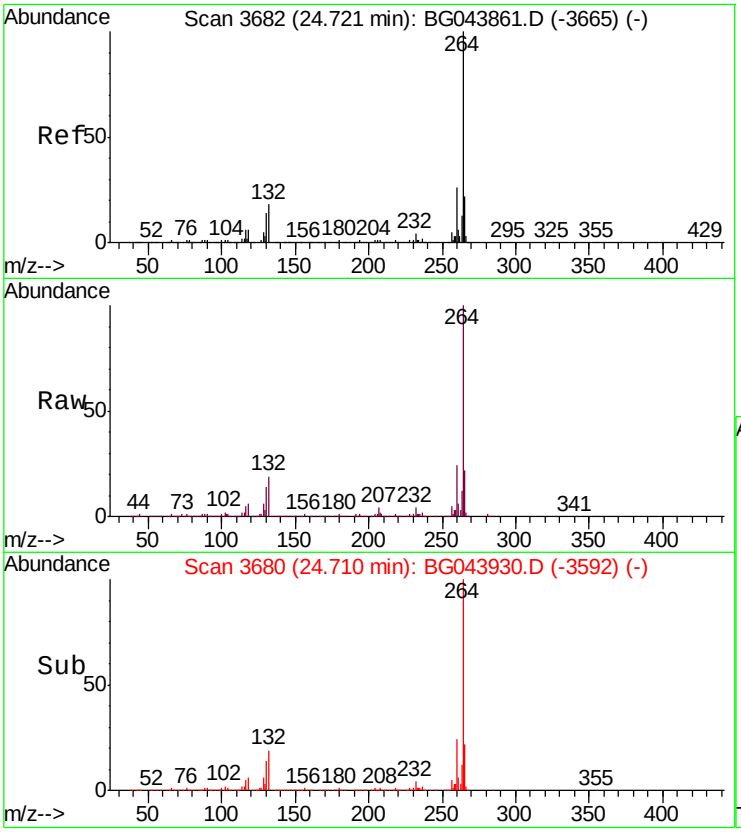


#79
Terphenyl-d14
Concen: 82.459 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:244 Resp: 2413488

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.6	13.0
122	15.2	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tgt Ion:264 Resp: 773451

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	21.9	17.4	26.2