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

Quantitation Report (Not Reviewed)

Data File : BG043937.D
Acq On : 6 Jan 2020 18:55
Operator : JU
Sample : PB125878BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125814BL

Quant Time: Jan 07 04:47:41 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	130086	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	567107	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	391923	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	848099	20.00	ng	0.00
76) Chrysene-d12	21.58	240	747593	20.00	ng	0.00
87) Perylene-d12	24.71	264	823457	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	475979	67.18	ng	0.00
7) Phenol-d6	7.12	99	406082	41.00	ng	0.00
23) Nitrobenzene-d5	9.12	82	980545	92.50	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	606144	147.79	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2103510	97.24	ng	0.00
79) Terphenyl-d14	19.95	244	2801549	92.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	14750	4.775	ng	# 1
19) n-Nitroso-di-n-propylamine	9.12	70	131415	17.819	ng	# 80
51) 2,6-Dinitrotoluene	14.59	165	52067	8.278	ng	# 27
57) 2,4-Dinitrotoluene	14.59	165	52067	6.084	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	2118	4.830	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	43862	4.598	ng	# 1
77) Benzidine	19.95	184	63924	3.402	ng	# 93

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

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

Quantitation Report (Not Reviewed)

Data File : BG043937.D
Acq On : 6 Jan 2020 18:55
Operator : JU
Sample : PB125878BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
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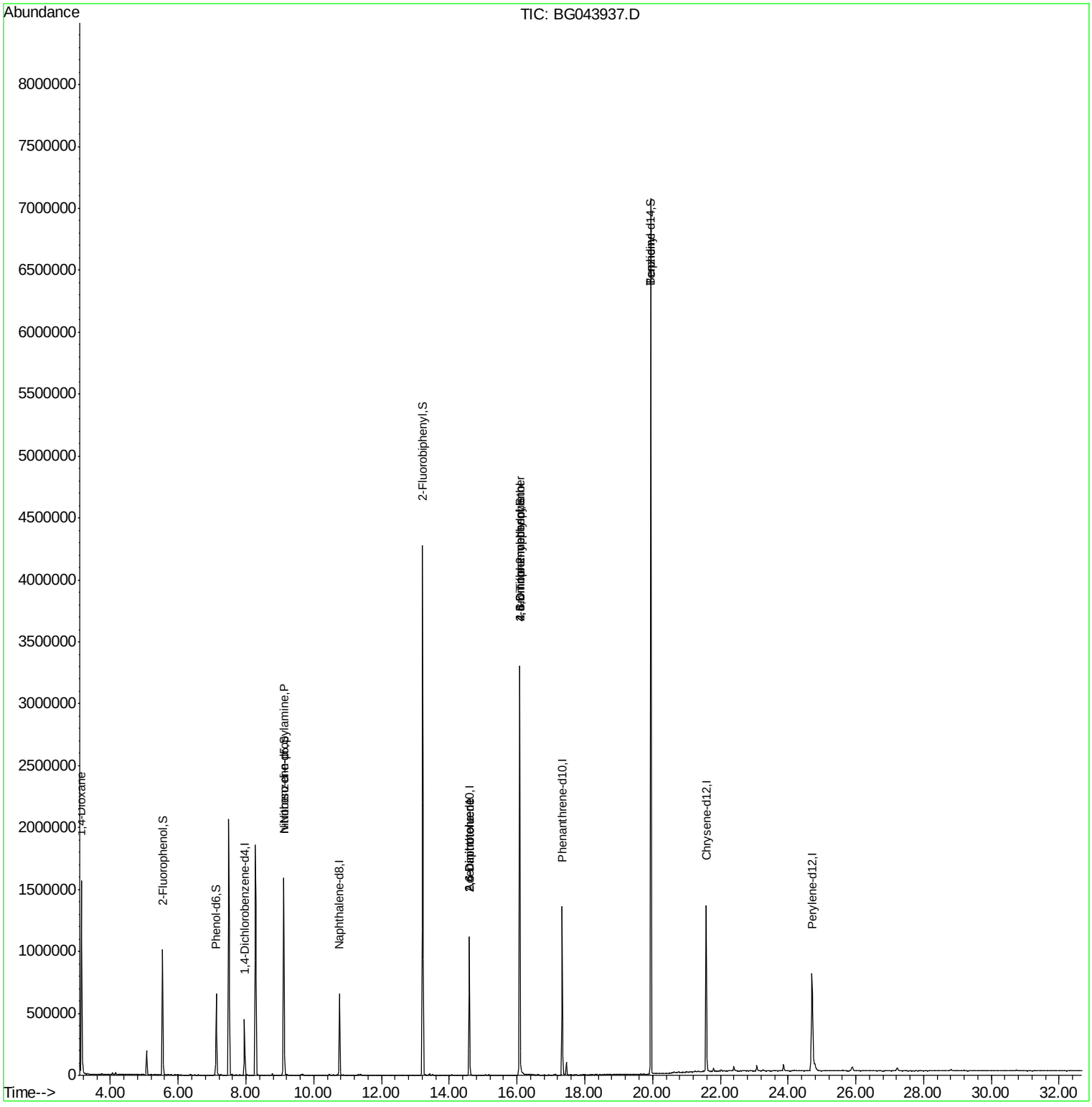
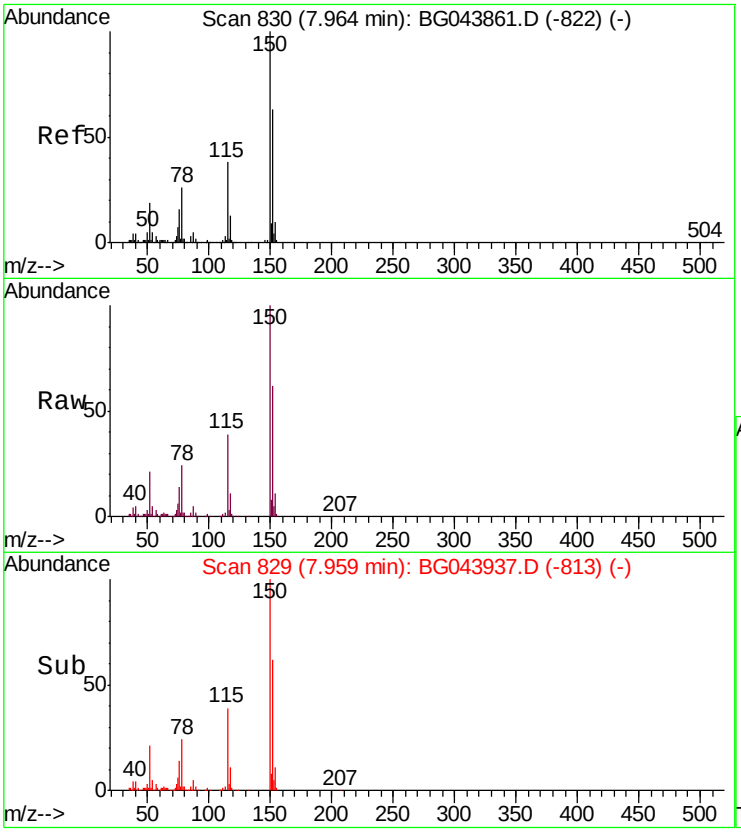
Quant Time: Jan 07 04:47:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



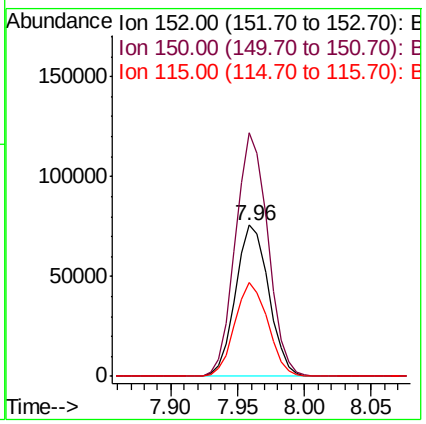


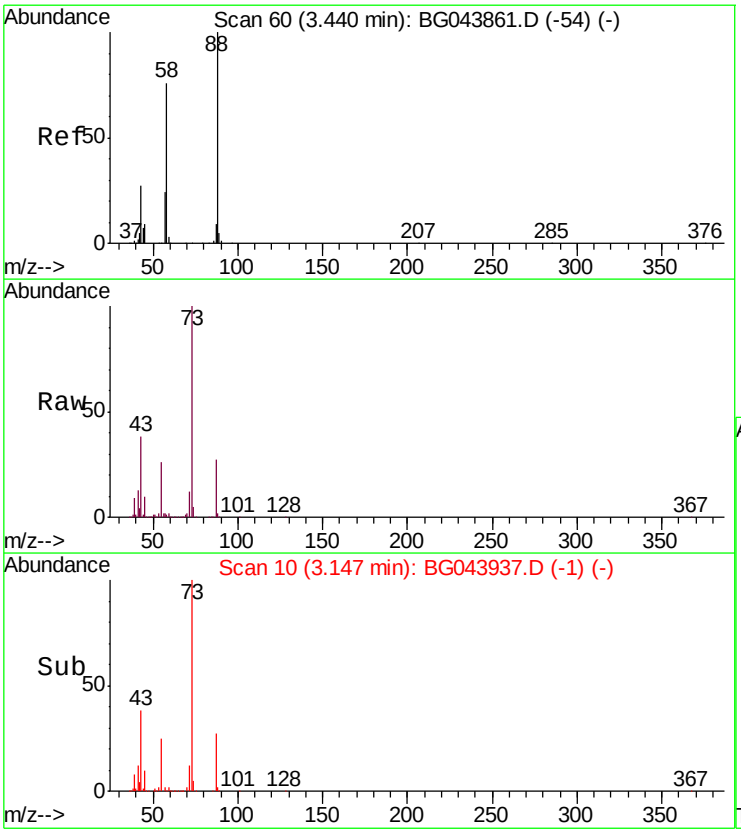
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:152 Resp: 130086

Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.0	190.4
115	62.2	47.8	71.8

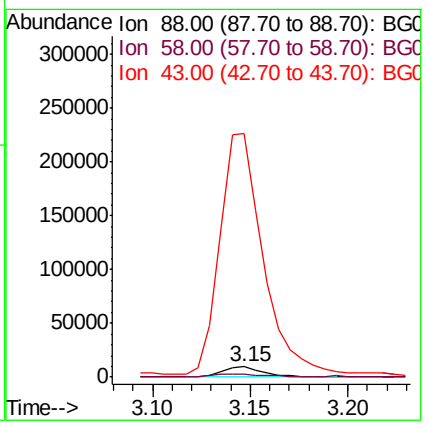


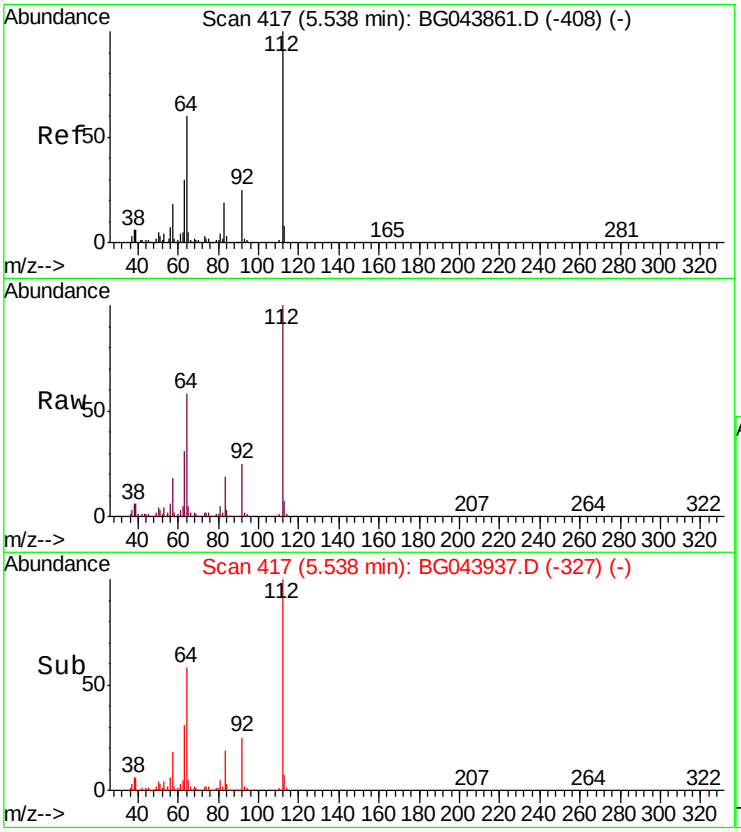


#2
1,4-Dioxane
Concen: 4.775 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.29 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion: 88 Resp: 14750

Ion	Ratio	Lower	Upper
88	100		
58	29.1	59.8	89.8#
43	2372.9	22.9	34.3#



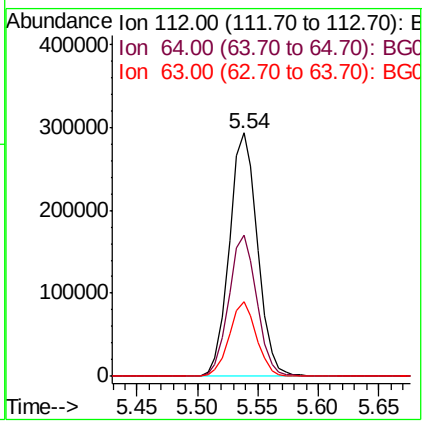


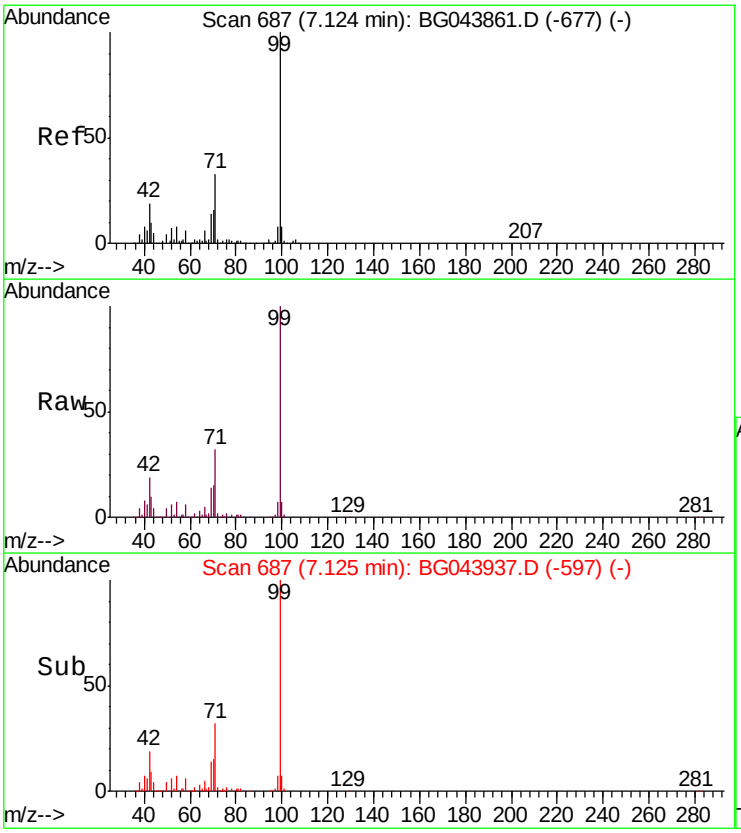
#5
2-Fluorophenol
Concen: 67.183 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:112 Resp: 475979

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.8	71.6
63	30.9	24.3	36.5

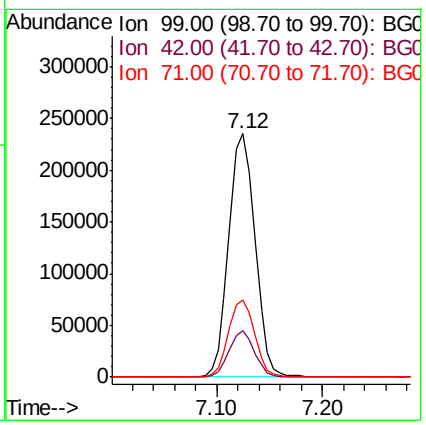


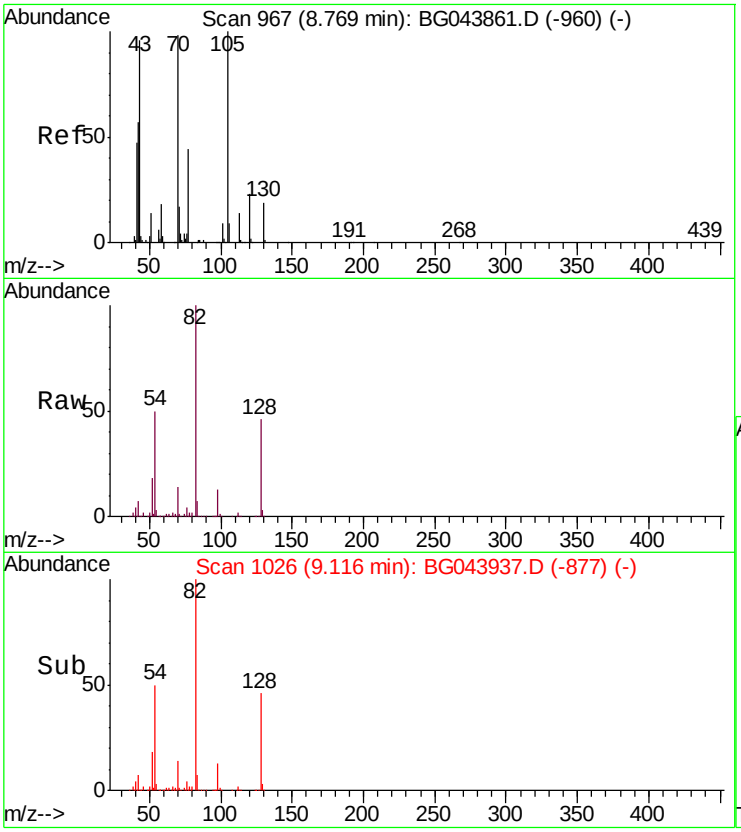


#7
Phenol-d6
Concen: 41.005 ng
RT: 7.12 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion: 99 Resp: 406082

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	32.0	26.4	39.6



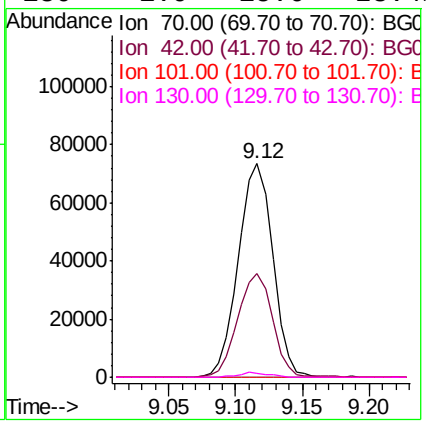


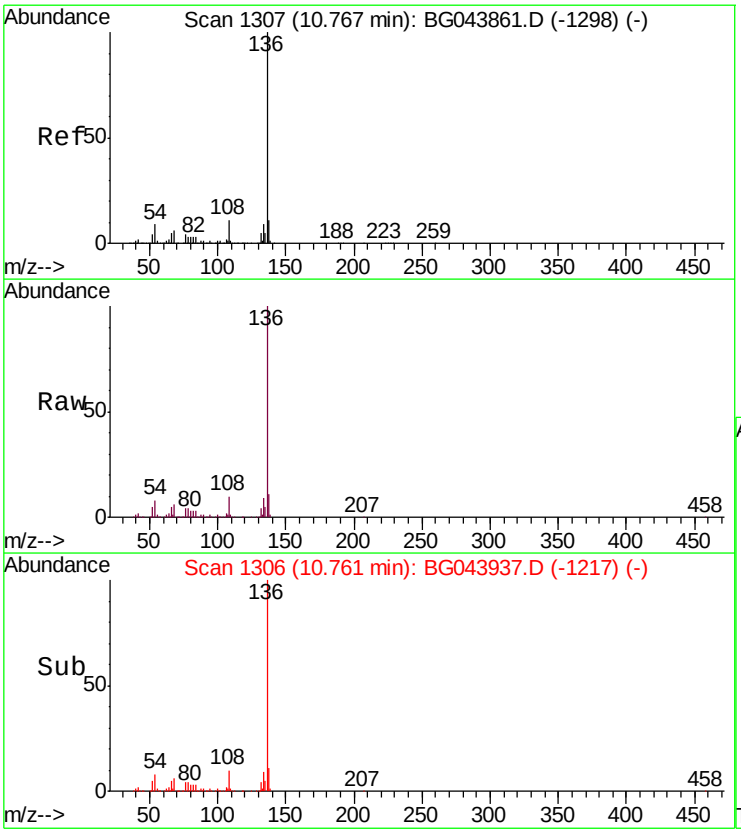
#19
n-Nitroso-di-n-propylamine
Concen: 17.819 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion: 70 Resp: 131415

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.0	70.4
101	0.0	7.2	10.8#
130	1.9	15.6	23.4#

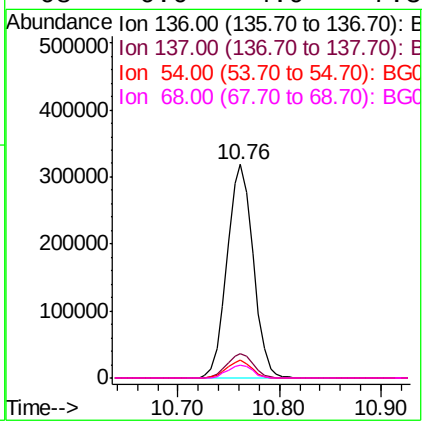


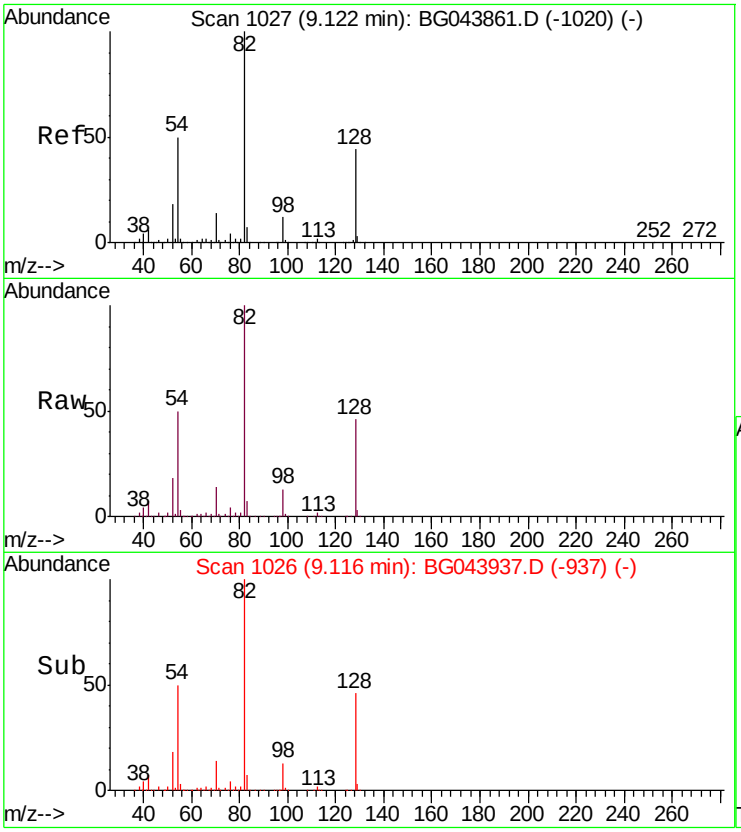


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:136 Resp: 567107

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.3	7.0	10.4
68	6.0	4.9	7.3



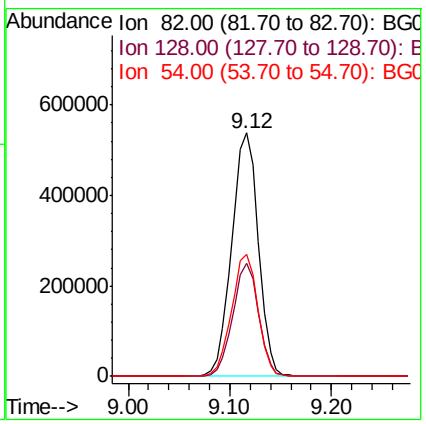


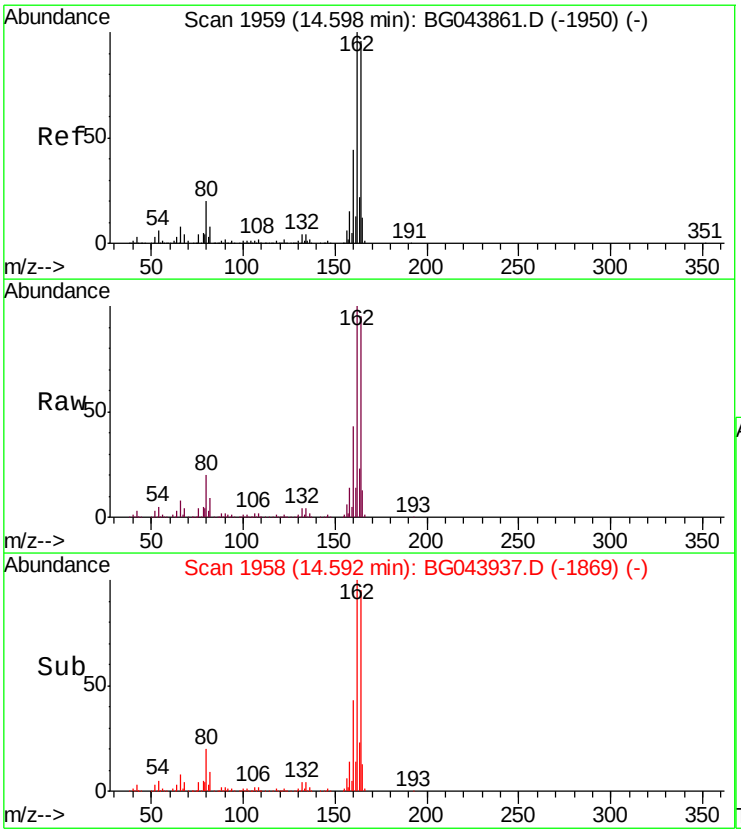
#23
Nitrobenzene-d5
Concen: 92.496 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion: 82 Resp: 980545

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	49.9	40.1	60.1

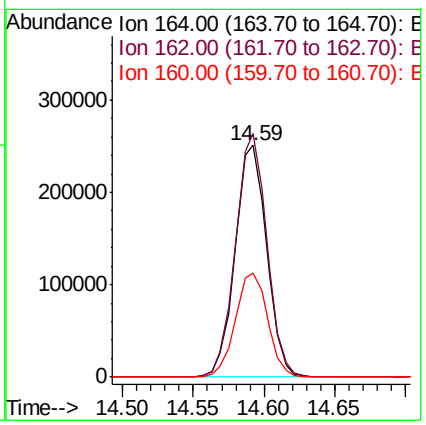


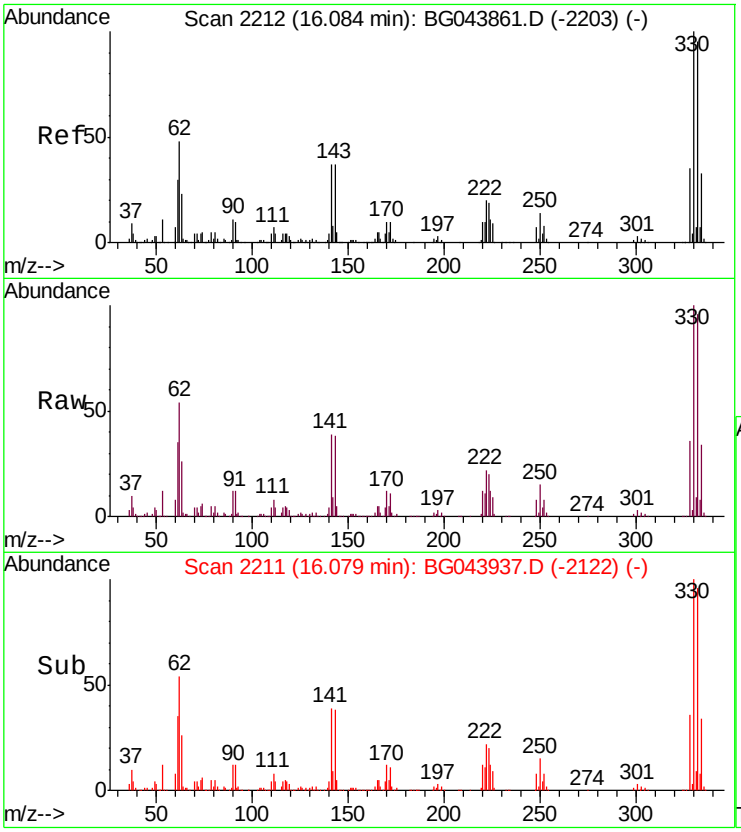


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:164 Resp: 391923

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.4
160	45.0	36.1	54.1



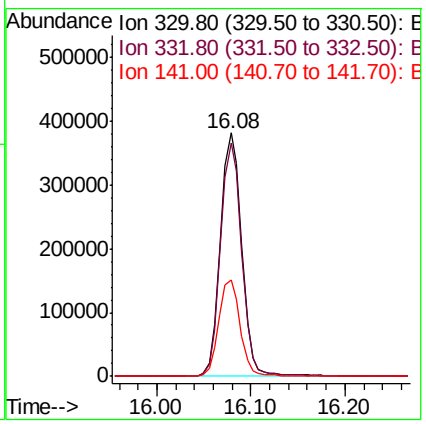


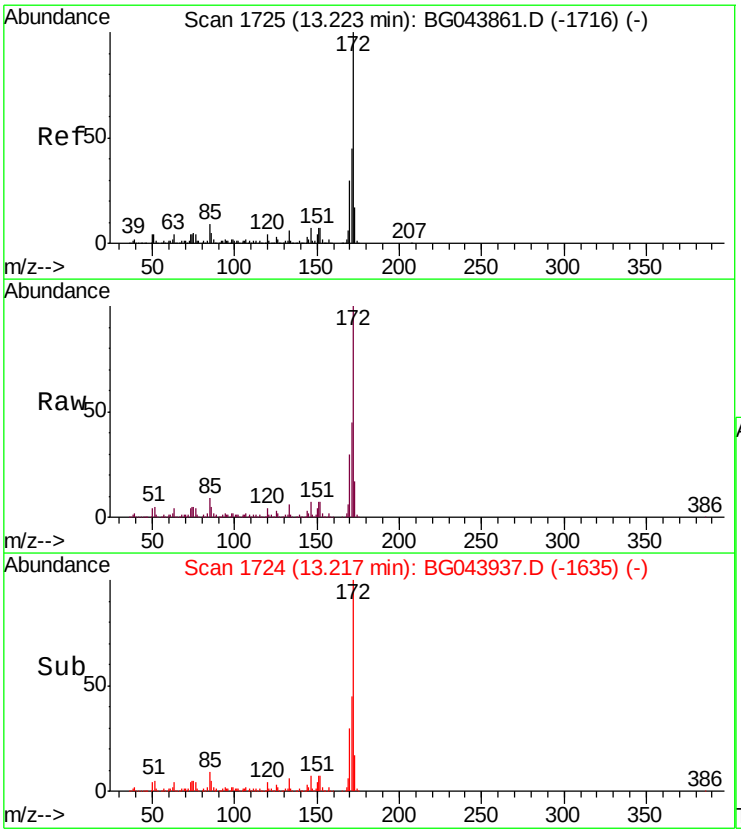
#42
2,4,6-Tribromophenol
Concen: 147.790 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:330 Resp: 606144

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	40.3	33.1	49.7

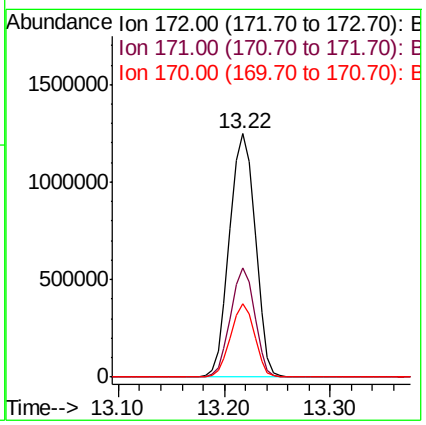


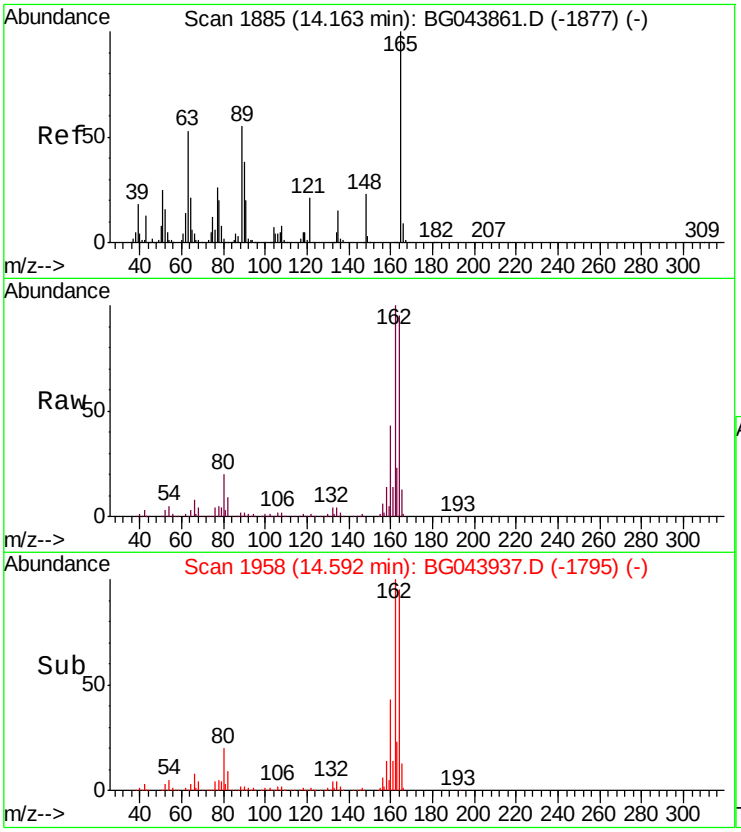


#45
2-Fluorobiphenyl
Concen: 97.240 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:172 Resp: 2103510

Ion	Ratio	Lower	Upper
172	100		
171	44.7	35.8	53.8
170	30.3	24.2	36.4



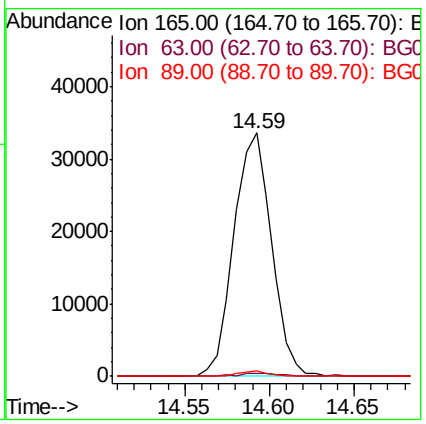


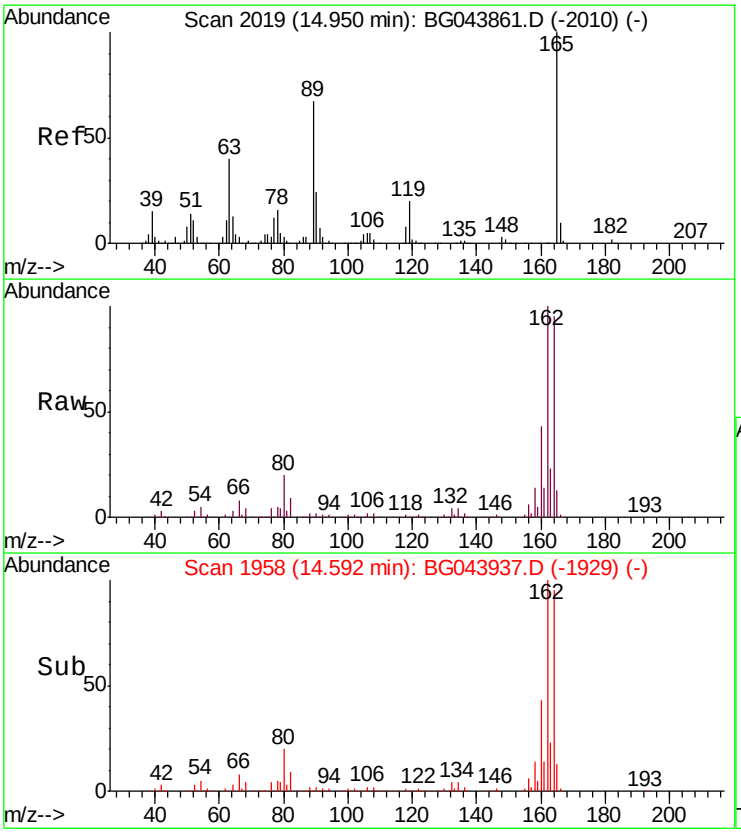
#51
2,6-Dinitrotoluene
Concen: 8.278 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:165 Resp: 52067

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.1	64.7#
89	2.2	43.8	65.6#

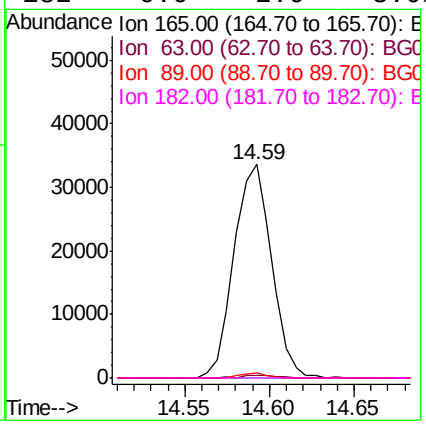


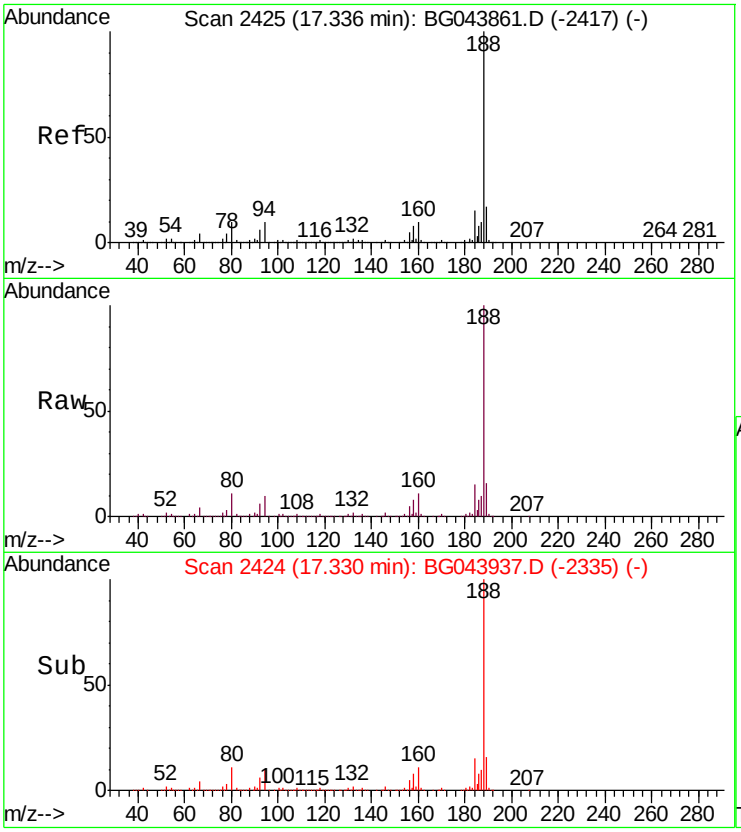


#57
2,4-Dinitrotoluene
Concen: 6.084 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:165 Resp: 52067

Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.9	47.9#
89	2.2	53.8	80.6#
182	0.0	2.0	3.0#



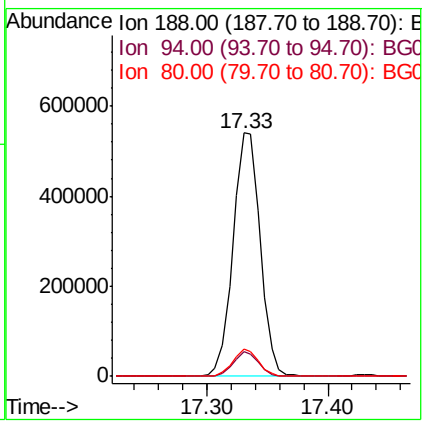


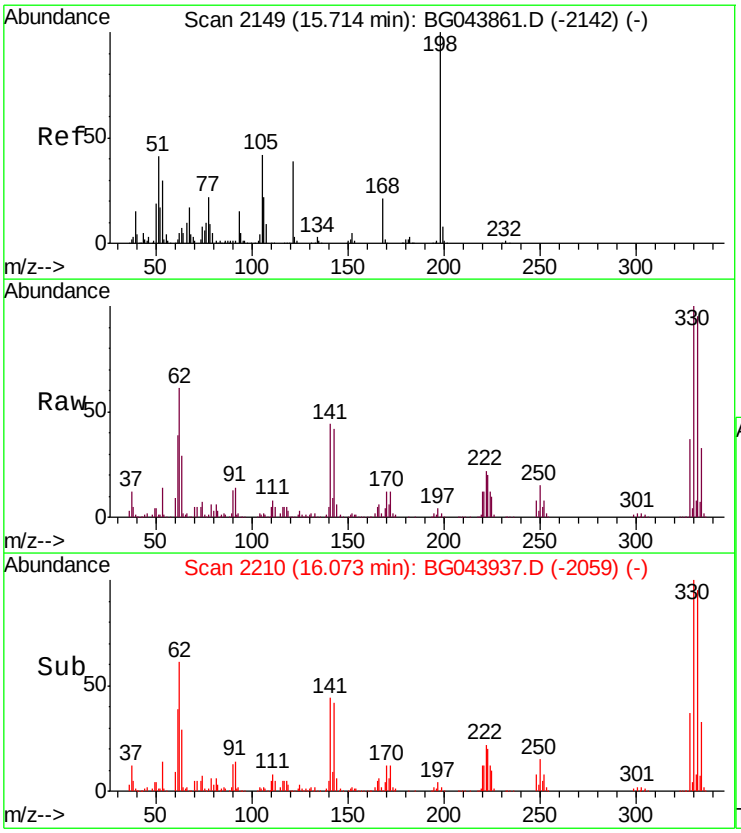
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:188 Resp: 848099

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.9	11.9
80	11.2	8.2	12.4

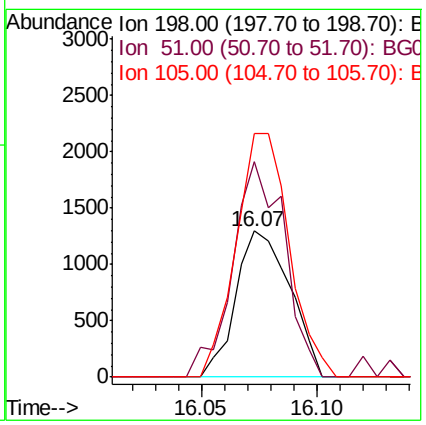


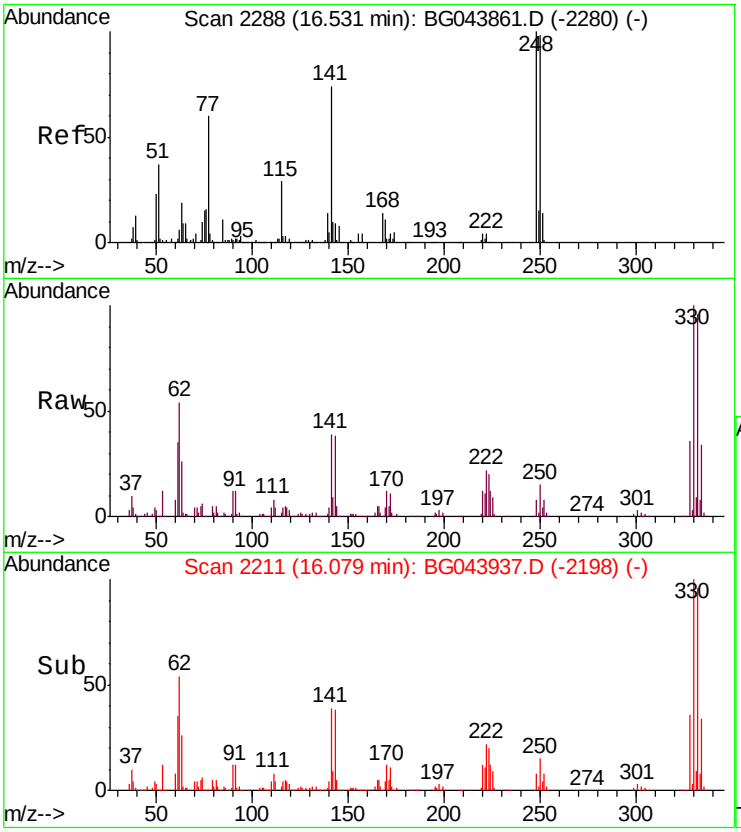


#65
4,6-Dinitro-2-methylphenol
Concen: 4.830 ng
RT: 16.07 min Scan# 2210
Delta R.T. 0.36 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:198 Resp: 2118

Ion	Ratio	Lower	Upper
198	100		
51	147.1	22.5	62.5#
105	166.4	22.3	62.3#



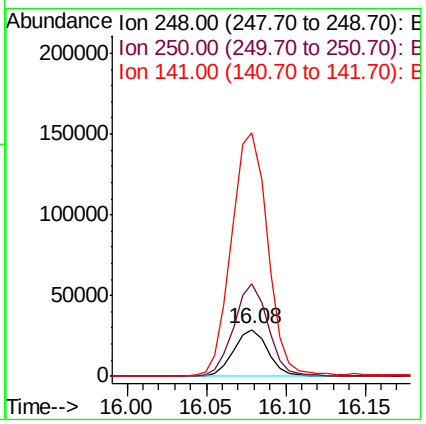


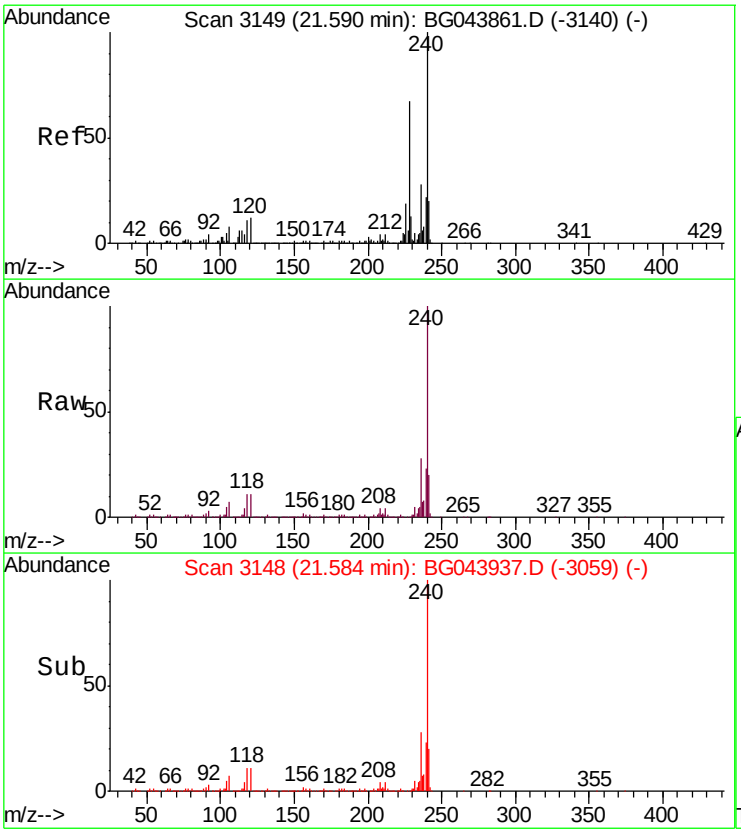
#67
4-Bromophenyl-phenylether
Concen: 4.598 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.45 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:248 Resp: 43862

Ion	Ratio	Lower	Upper
248	100		
250	196.3	78.2	117.2#
141	518.7	59.3	88.9#

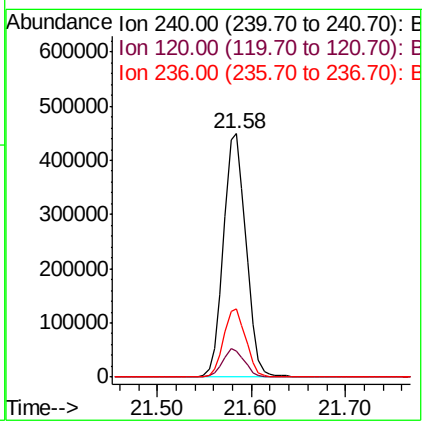


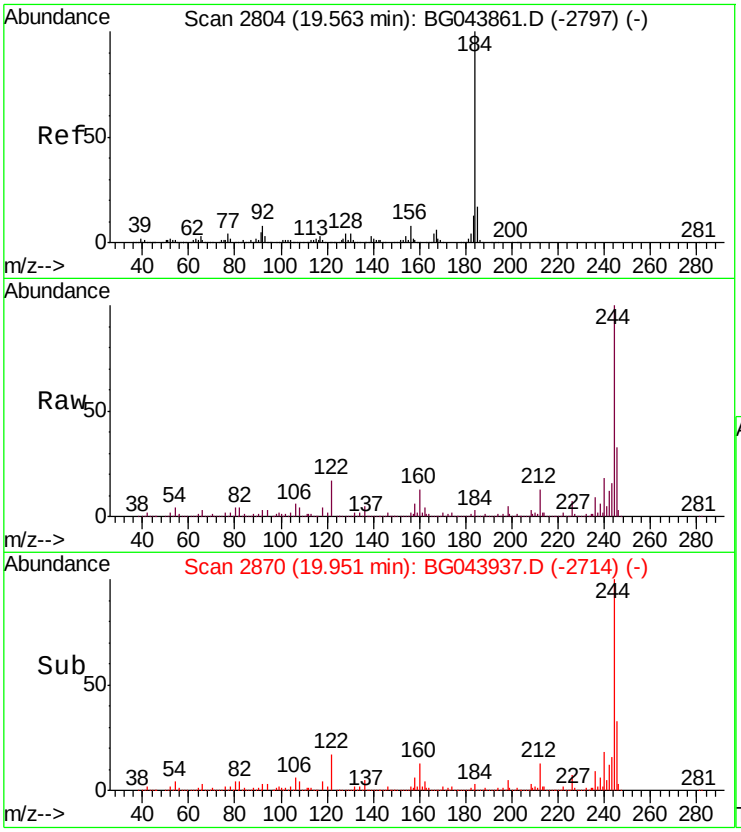


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:240 Resp: 747593

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.6	14.4
236	28.1	22.2	33.2



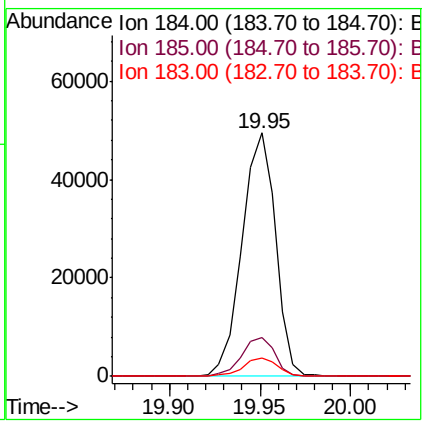


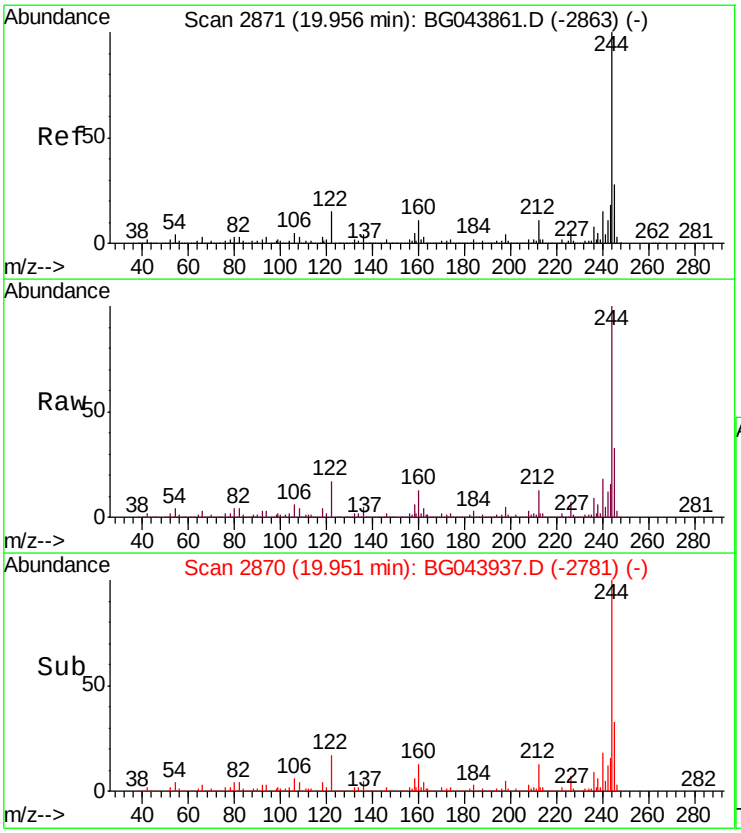
#77
Benzidine
Concen: 3.402 ng
RT: 19.95 min Scan# 2870
Delta R.T. 0.39 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:184 Resp: 63924

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.0
183	7.6	10.6	15.8#

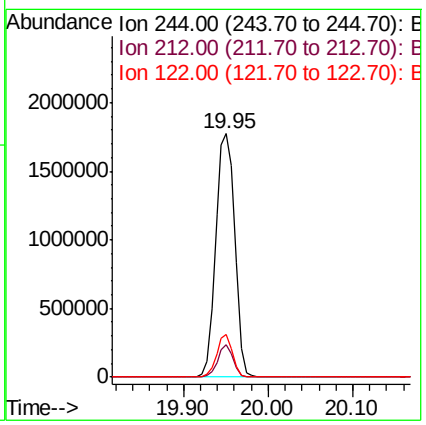


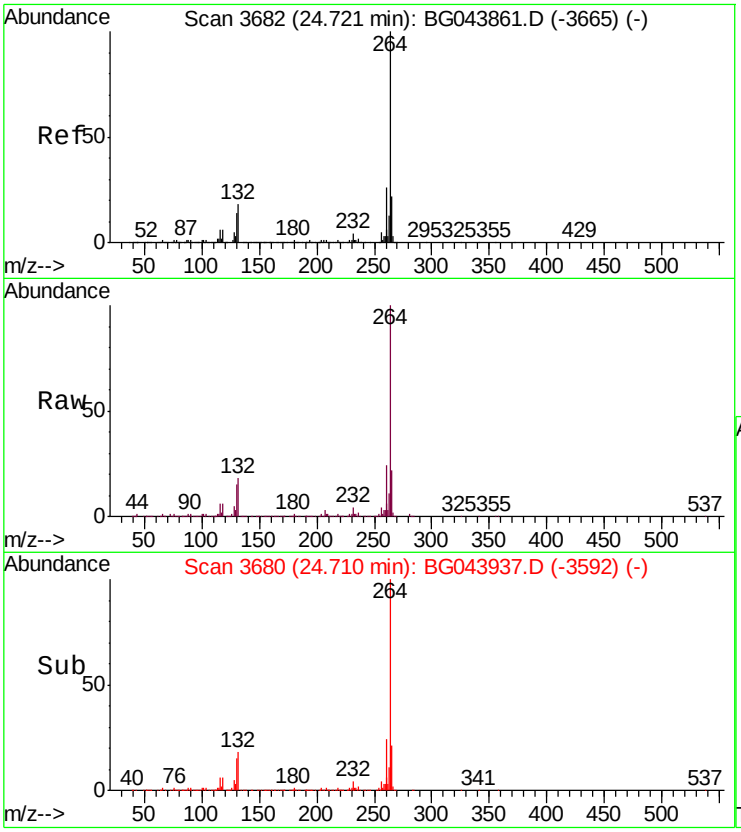


#79
Terphenyl-d14
Concen: 92.424 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043937.D
Acq: 6 Jan 2020 18:55

Tgt Ion:244 Resp: 2801549

Ion	Ratio	Lower	Upper
244	100		
212	13.4	8.6	13.0#
122	17.3	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: BG043937.D
Acq: 6 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:264 Resp: 823457

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	21.5	17.4	26.2