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

Quantitation Report (Not Reviewed)

Data File : BG043936.D
Acq On : 6 Jan 2020 18:15
Operator : JU
Sample : PB125875BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125875BL

Quant Time: Jan 07 04:47:24 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	131086	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	549891	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	382362	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	824160	20.00	ng	0.00
76) Chrysene-d12	21.59	240	724854	20.00	ng	0.00
87) Perylene-d12	24.72	264	792923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	509039	71.30	ng	0.00
7) Phenol-d6	7.13	99	490720	49.17	ng	0.00
23) Nitrobenzene-d5	9.12	82	935773	91.04	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	415787	103.91	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2061219	97.67	ng	0.00
79) Terphenyl-d14	19.95	244	2685105	90.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	18056	5.800	ng	# 1
19) n-Nitroso-di-n-propylamine	9.12	70	126787	17.060	ng	# 81
51) 2,6-Dinitrotoluene	14.59	165	50932	8.300	ng	# 26
54) 2,4-Dinitrophenol	15.07	184	60	5.501	ng	# 20
57) 2,4-Dinitrotoluene	14.59	165	50932	6.100	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.08	198	1380	4.685	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	29316	3.163	ng	# 1
77) Benzidine	19.95	184	56657	3.110	ng	# 94

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

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

Quantitation Report (Not Reviewed)

Data File : BG043936.D
Acq On : 6 Jan 2020 18:15
Operator : JU
Sample : PB125875BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125875BL

Quant Time: Jan 07 04:47:24 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
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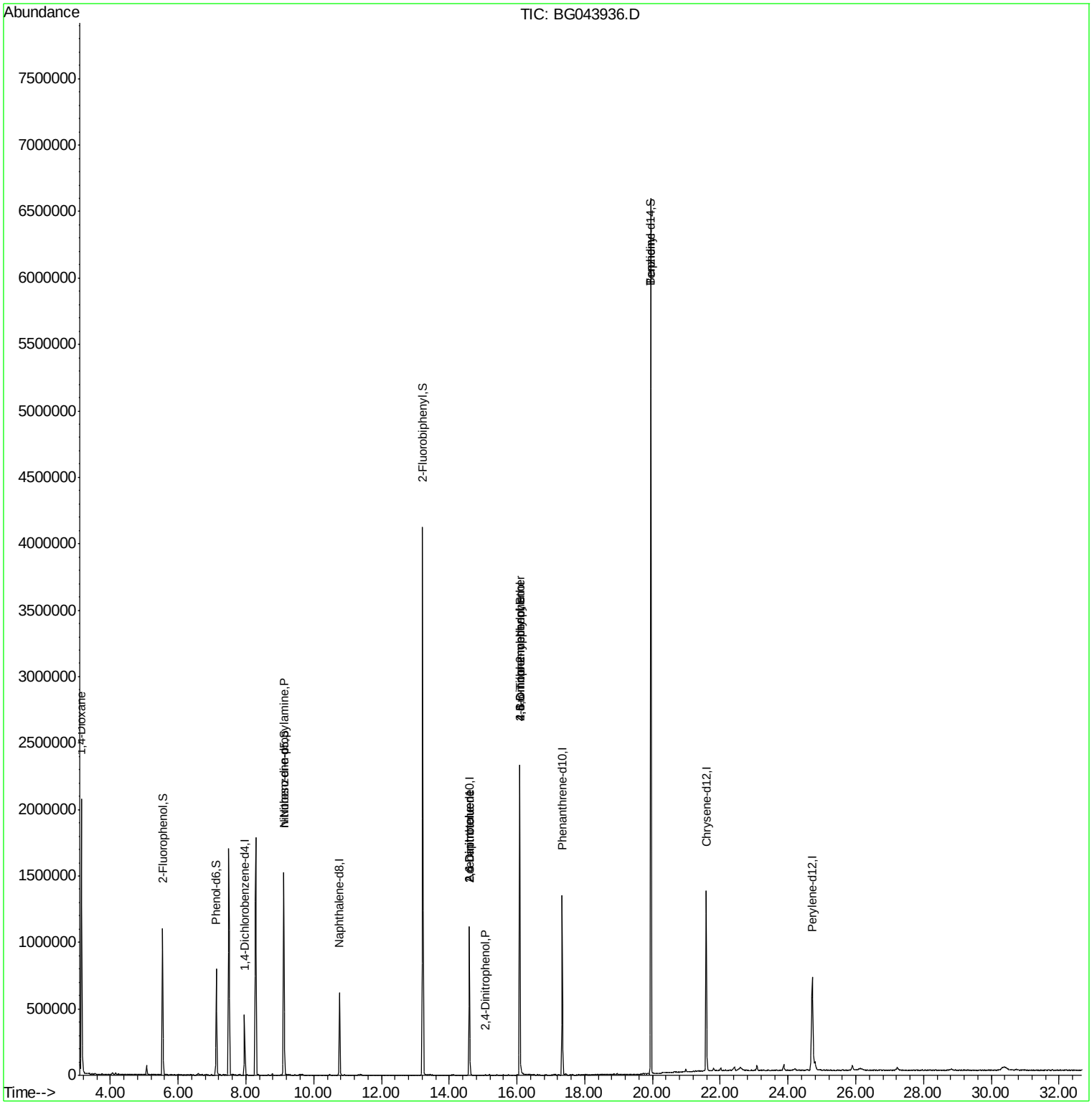
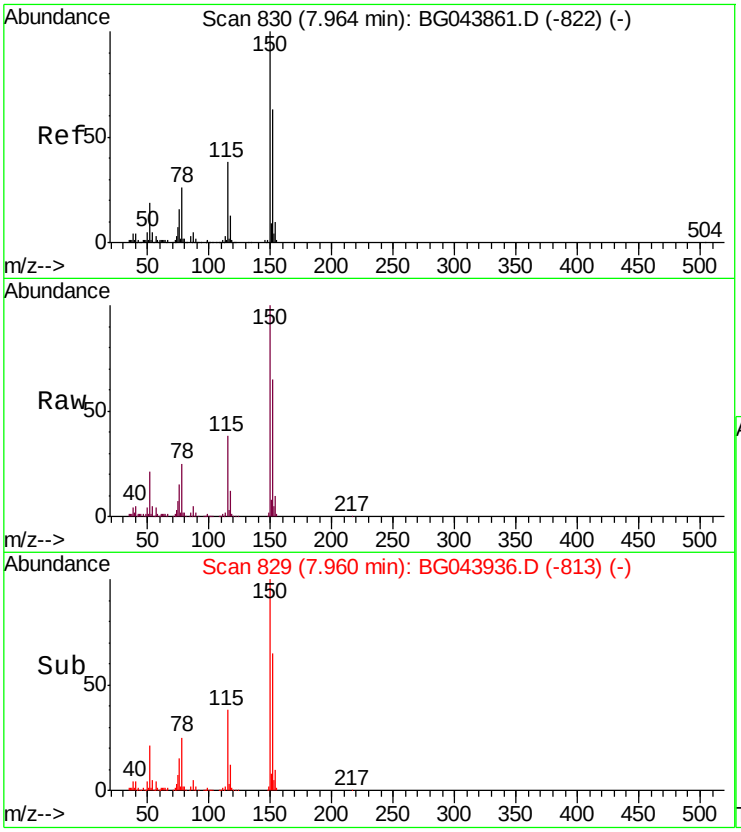


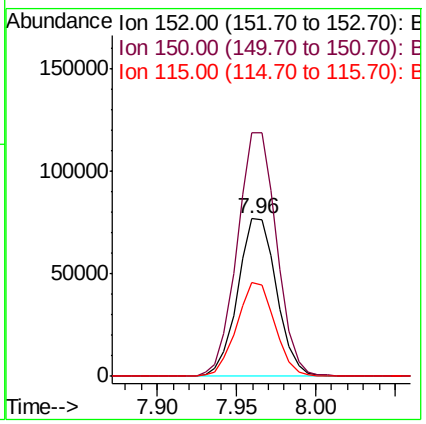


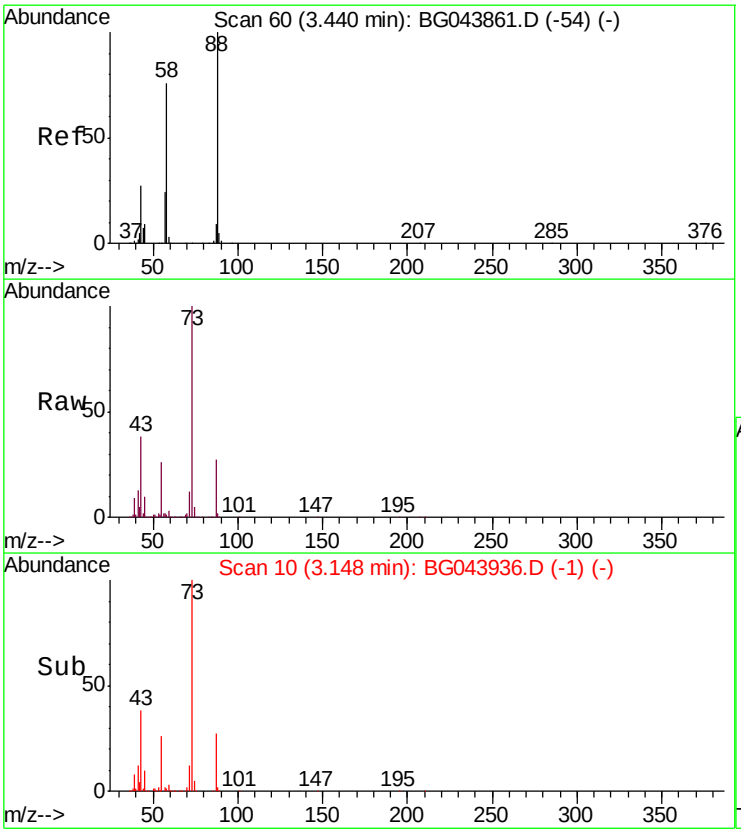
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:152 Resp: 131086

Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.0	190.4
115	59.4	47.8	71.8

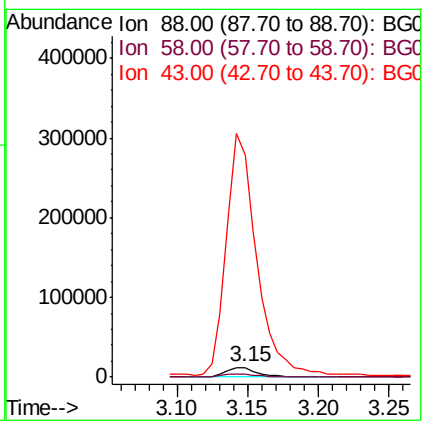


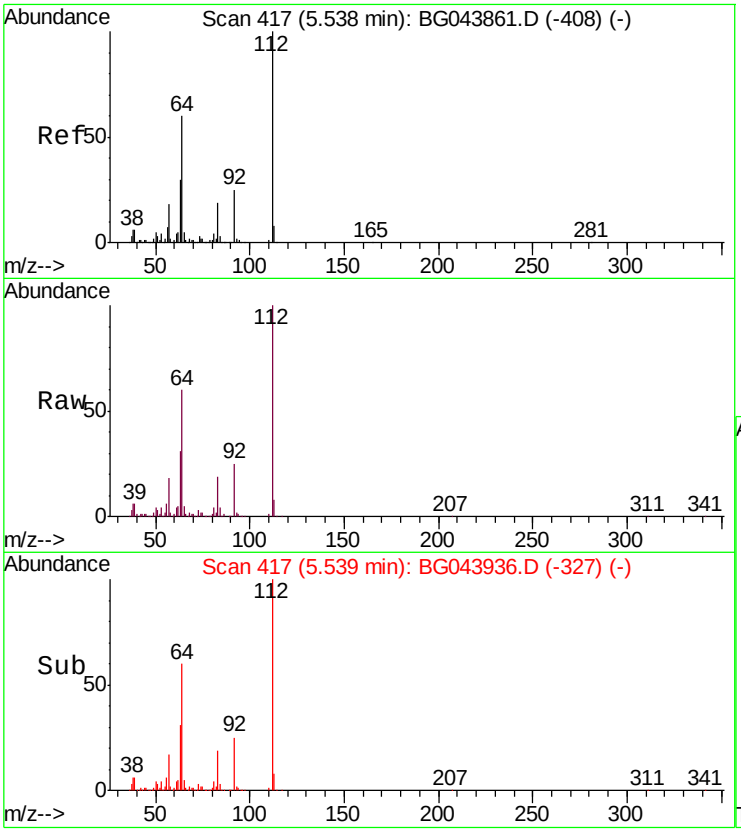


#2
1,4-Dioxane
Concen: 5.800 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.29 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion: 88 Resp: 18056

Ion	Ratio	Lower	Upper
88	100		
58	37.0	59.8	89.8#
43	2564.1	22.9	34.3#



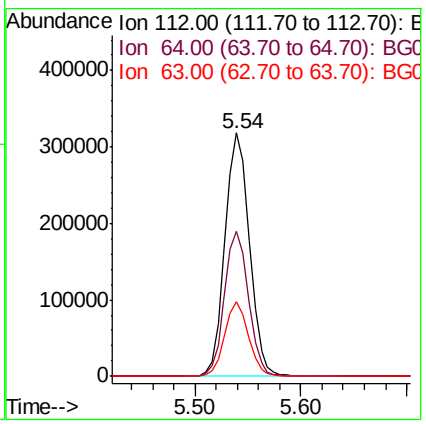


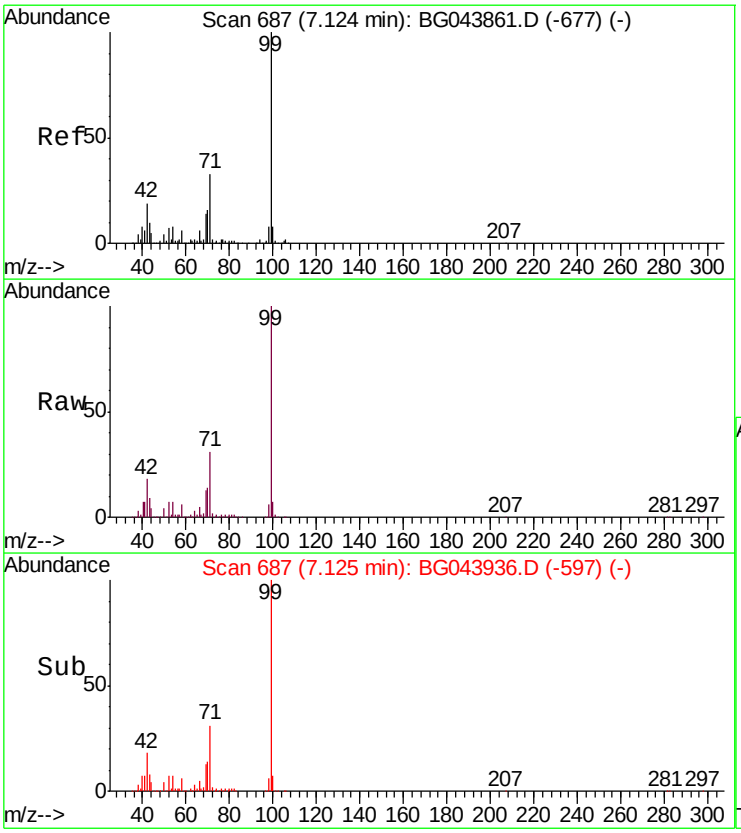
#5
2-Fluorophenol
Concen: 71.301 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:112 Resp: 509039

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.8	71.6
63	30.6	24.3	36.5

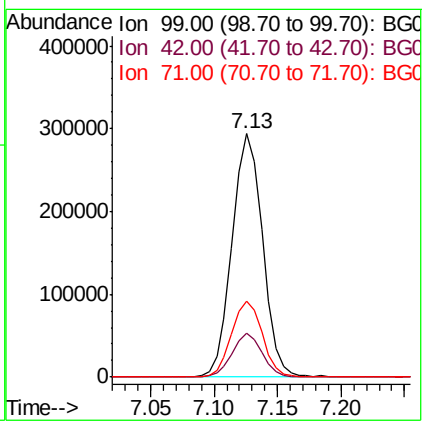


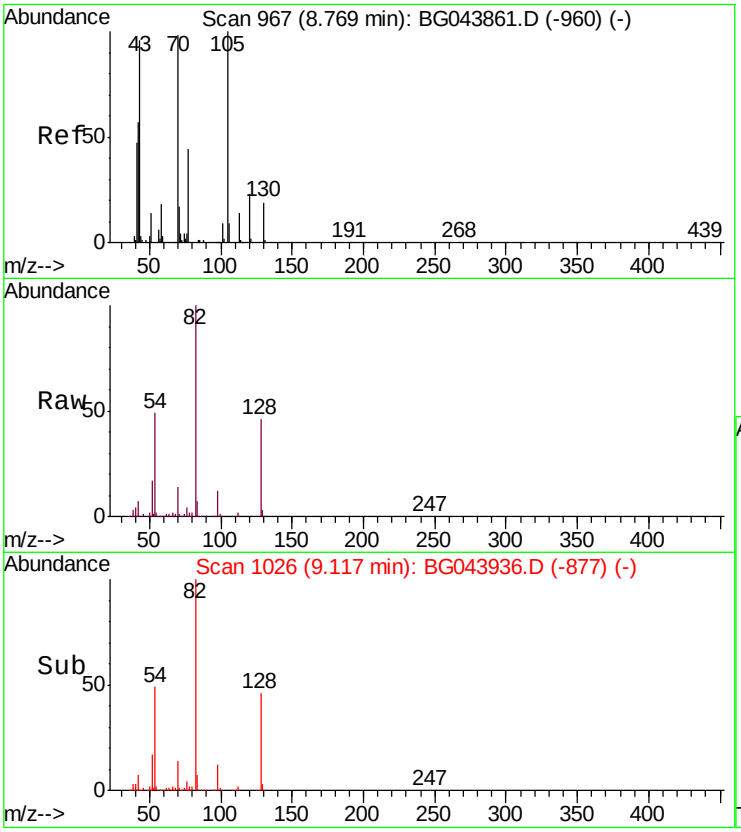


#7
Phenol-d6
Concen: 49.173 ng
RT: 7.13 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion: 99 Resp: 490720

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	31.2	26.4	39.6



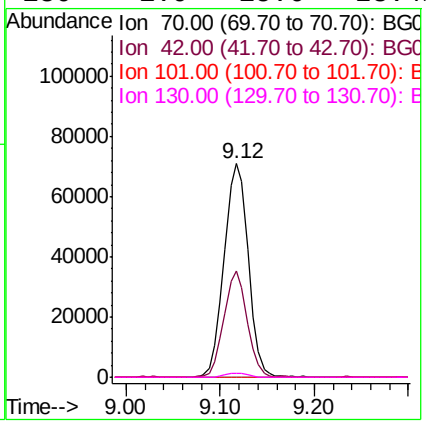


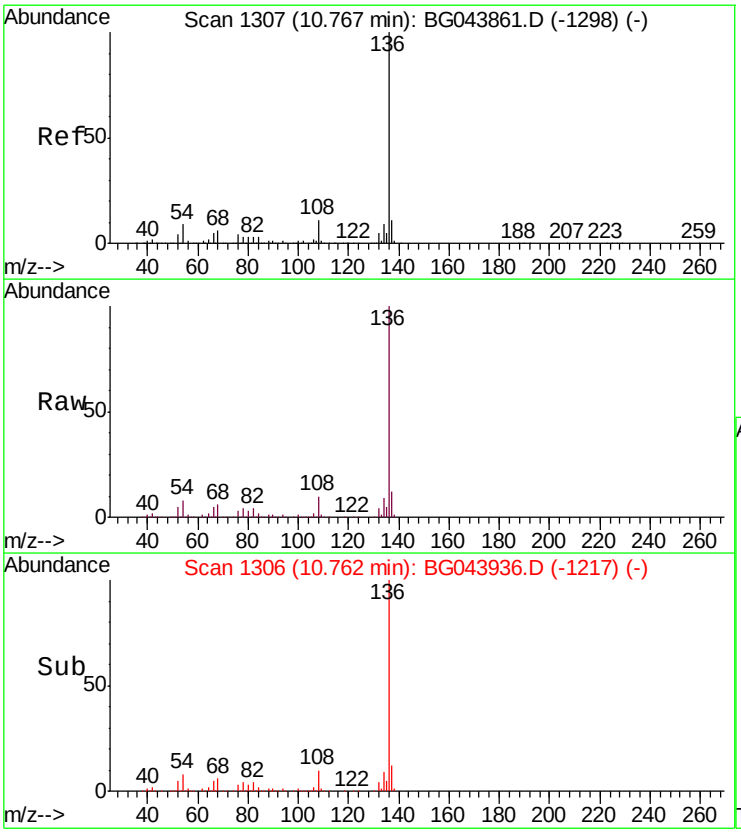
#19
n-Nitroso-di-n-propylamine
Concen: 17.060 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion: 70 Resp: 126787

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.0	70.4
101	0.0	7.2	10.8#
130	1.9	15.6	23.4#

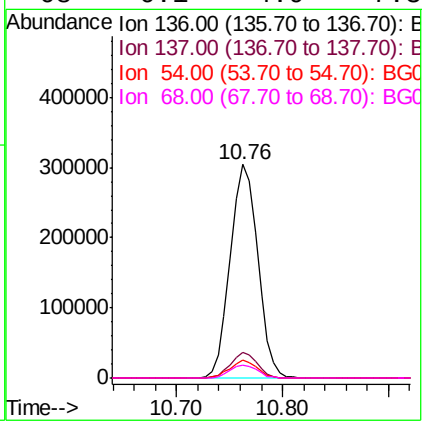


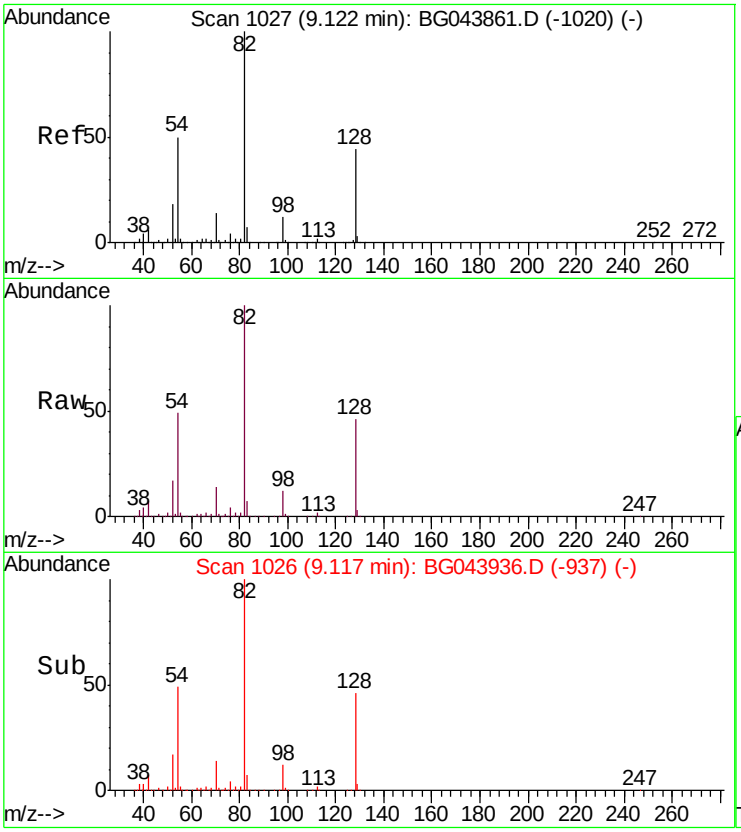


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:136 Resp: 549891

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	8.3	7.0	10.4
68	6.1	4.9	7.3



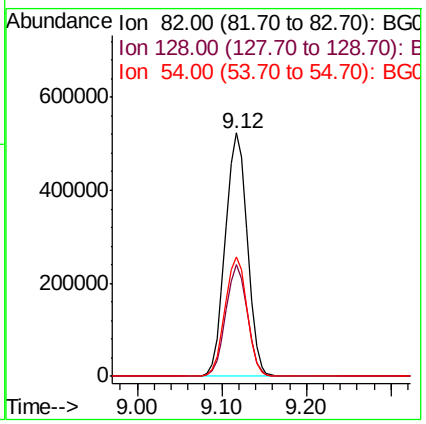


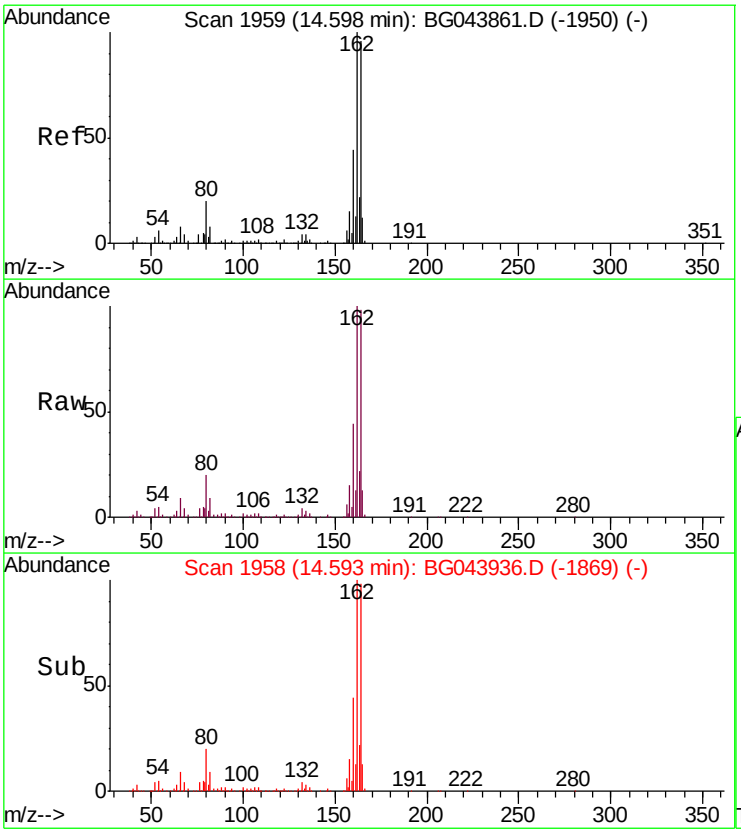
#23
Nitrobenzene-d5
Concen: 91.036 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion: 82 Resp: 935773

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	48.9	40.1	60.1

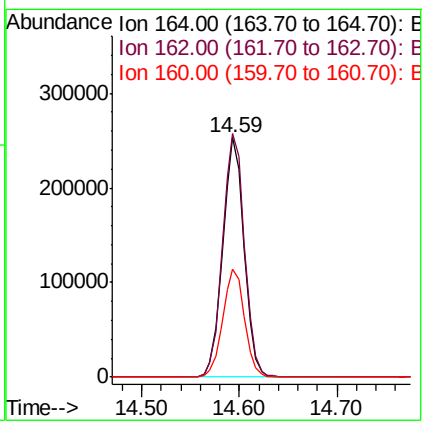


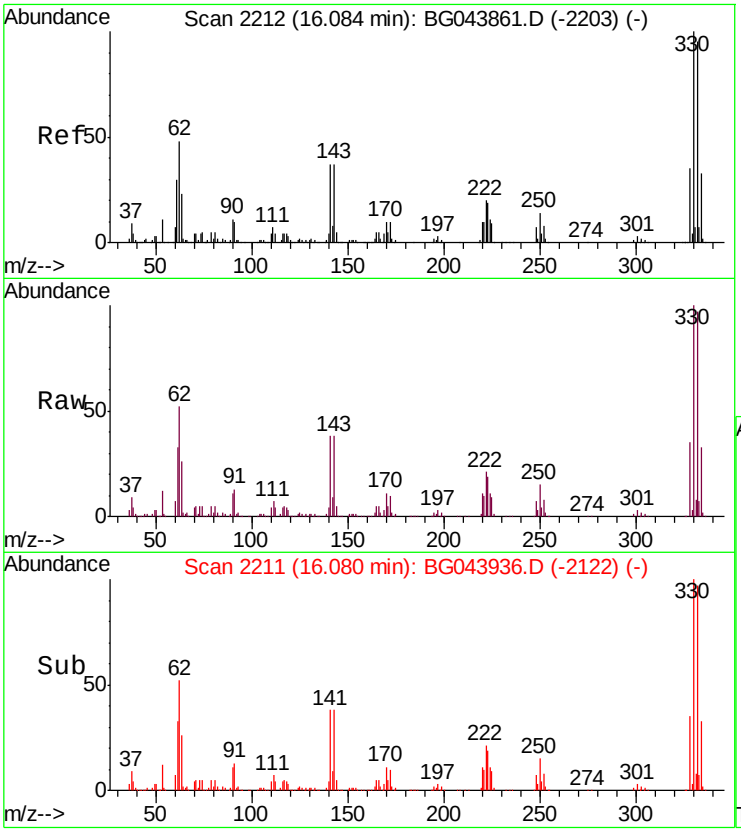


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:164 Resp: 382362

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.4
160	45.0	36.1	54.1



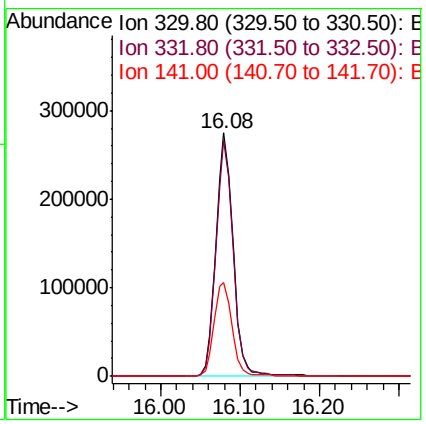


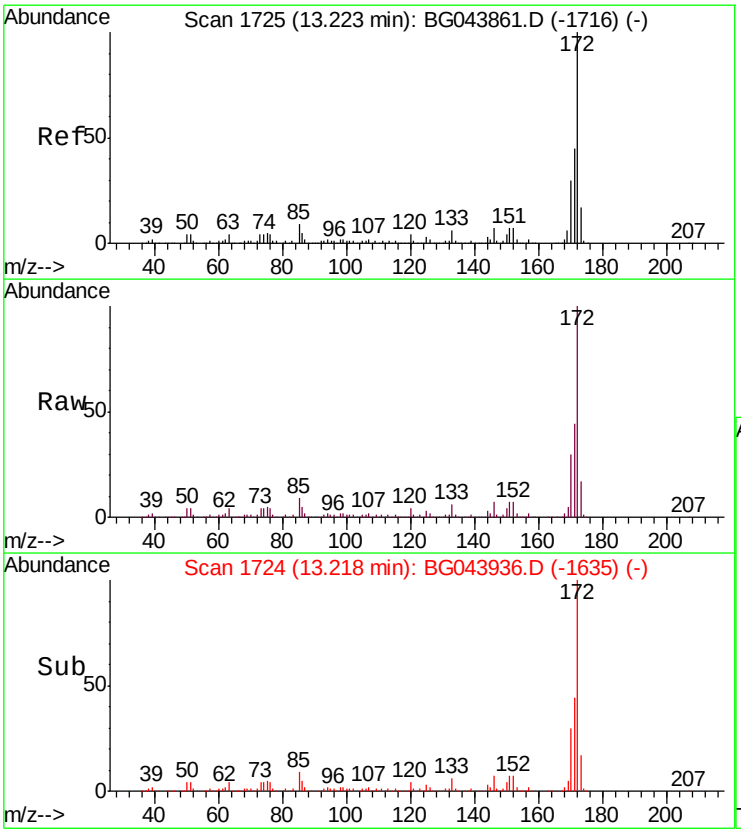
#42
2,4,6-Tribromophenol
Concen: 103.912 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:330 Resp: 415787

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	40.3	33.1	49.7

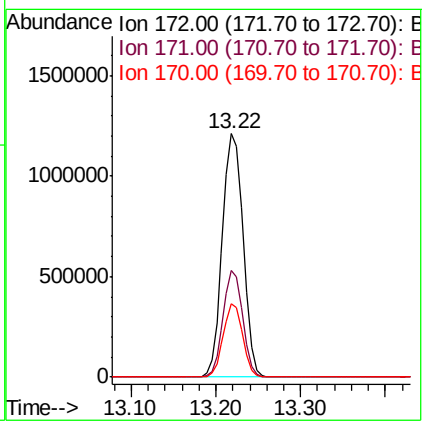


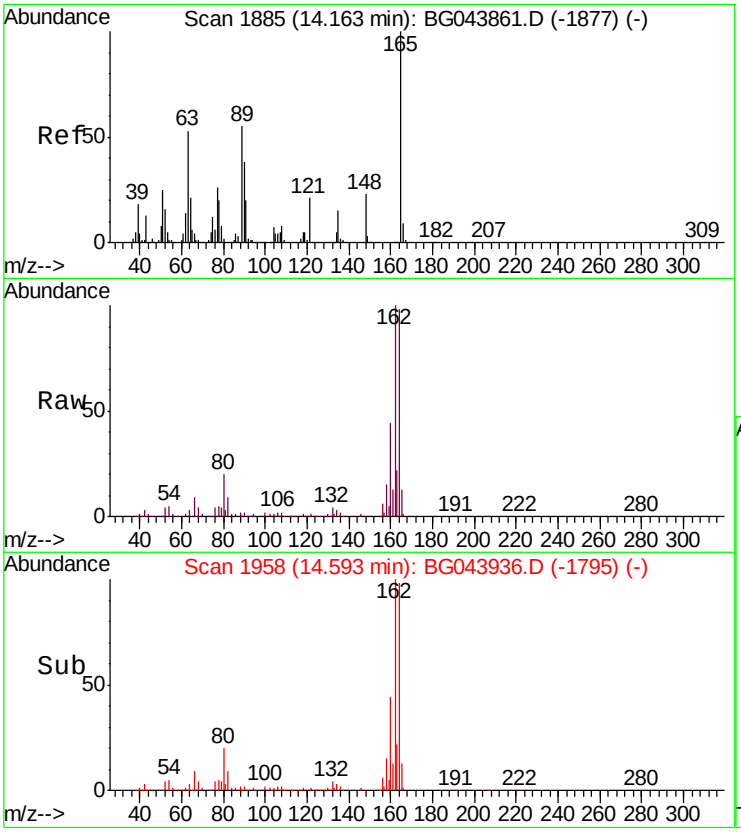


#45
2-Fluorobiphenyl
Concen: 97.668 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:172 Resp: 2061219

Ion	Ratio	Lower	Upper
172	100		
171	44.0	35.8	53.8
170	30.4	24.2	36.4



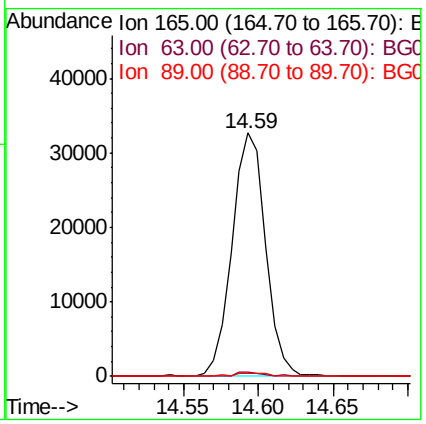


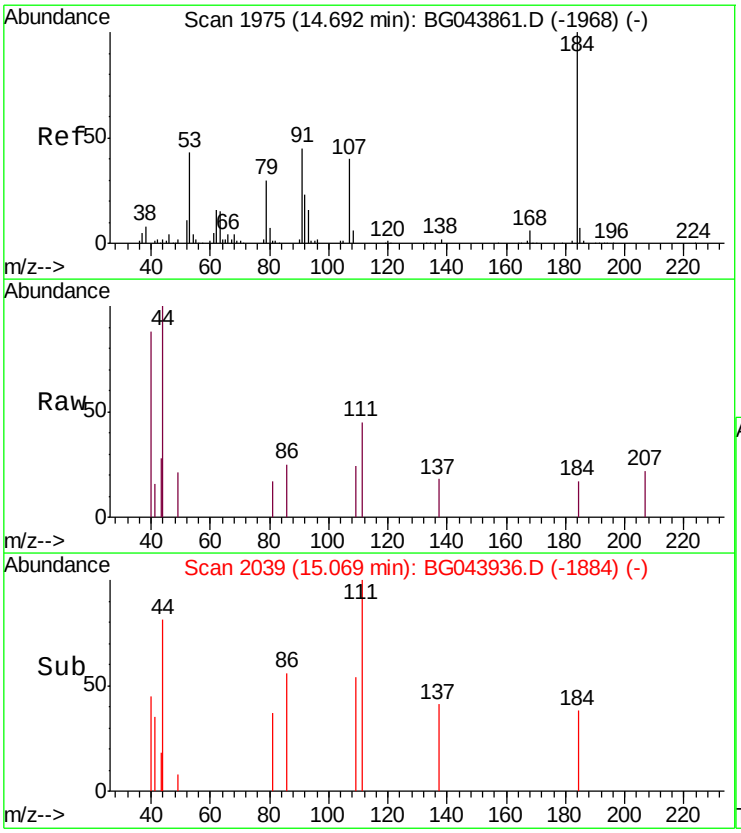
#51
2,6-Dinitrotoluene
Concen: 8.300 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:165 Resp: 50932

Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.1	64.7#
89	1.1	43.8	65.6#

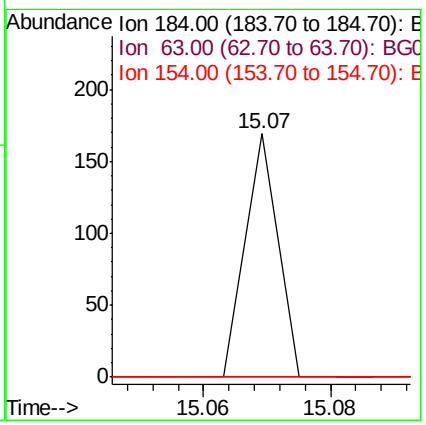


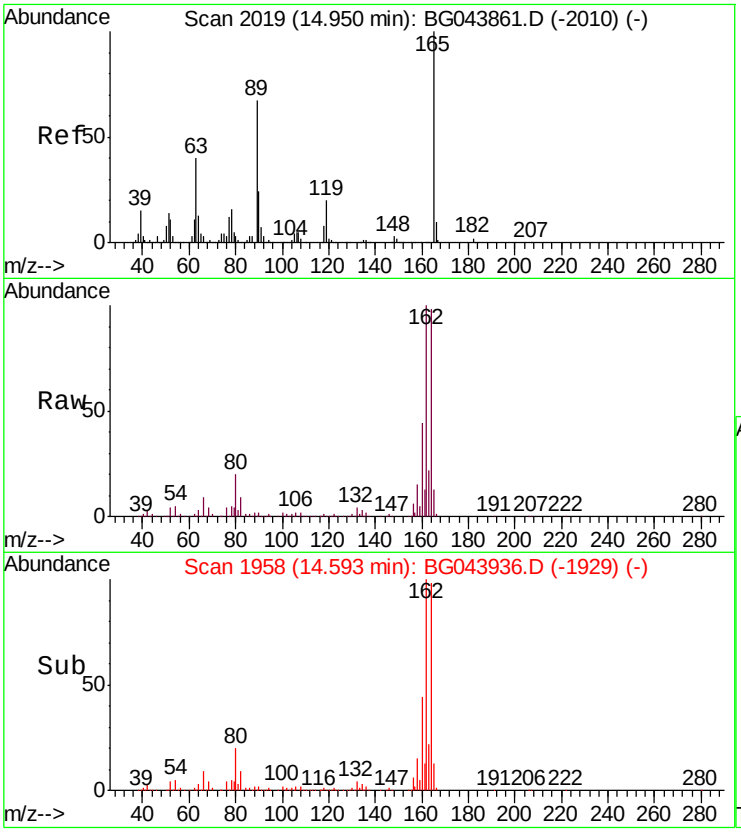


#54
2,4-Dinitrophenol
Concen: 5.501 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.38 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.6	70.0#
154	0.0	50.2	75.4#



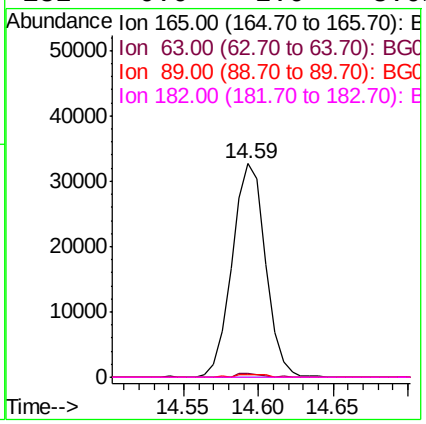


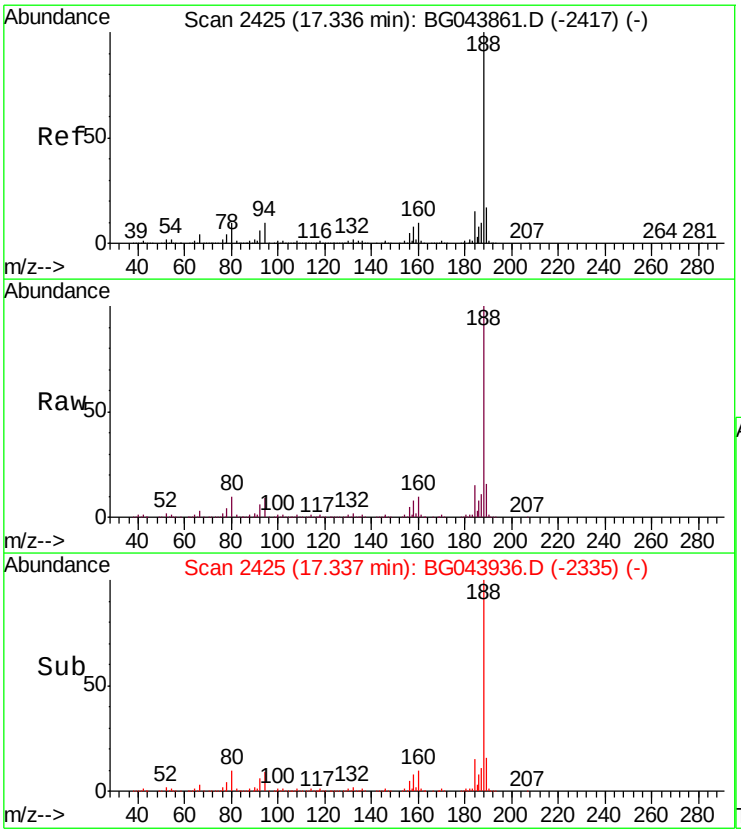
#57
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:165 Resp: 50932

Ion	Ratio	Lower	Upper
165	100		
63	1.8	31.9	47.9#
89	1.1	53.8	80.6#
182	0.0	2.0	3.0#

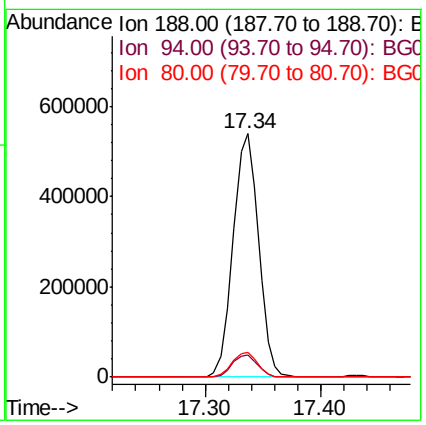


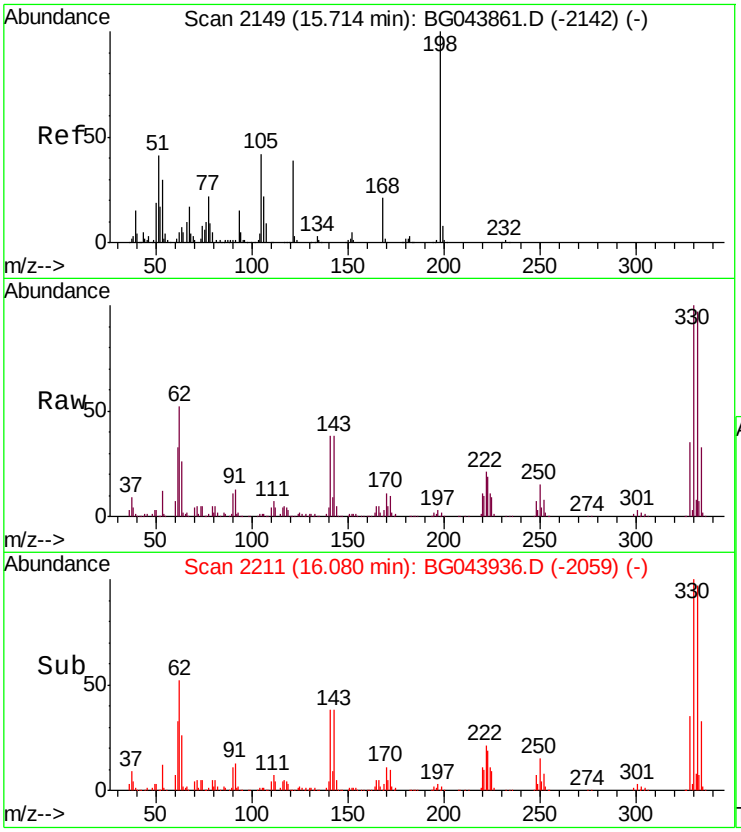


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:188 Resp: 824160

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.3	8.2	12.4



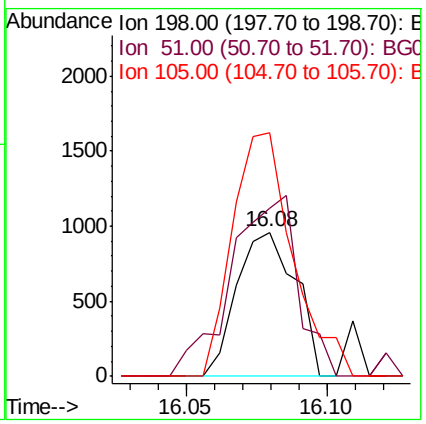


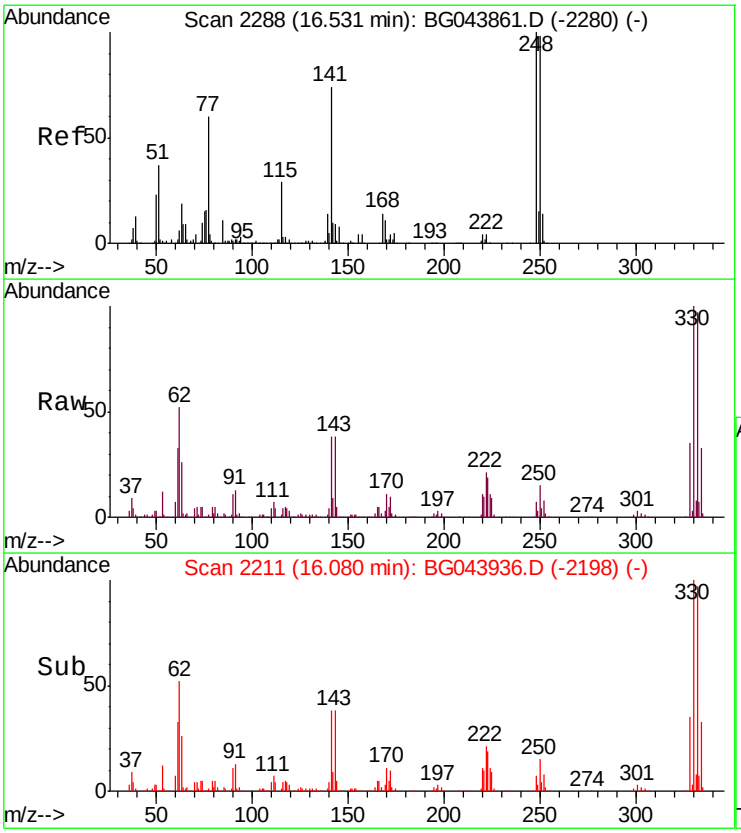
#65
4,6-Dinitro-2-methylphenol
Concen: 4.685 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.37 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:198 Resp: 1380

Ion	Ratio	Lower	Upper
198	100		
51	117.2	22.5	62.5#
105	169.3	22.3	62.3#

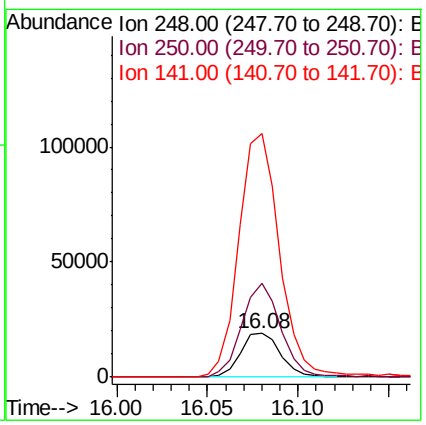


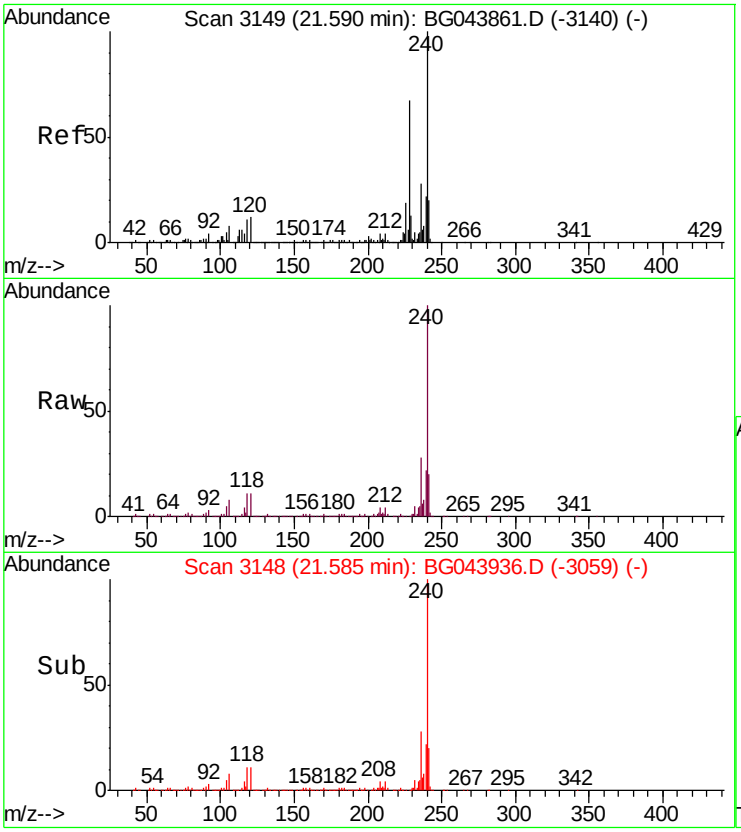


#67
4-Bromophenyl-phenylether
Concen: 3.163 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.45 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:248 Resp: 29316

Ion	Ratio	Lower	Upper
248	100		
250	216.6	78.2	117.2#
141	561.4	59.3	88.9#



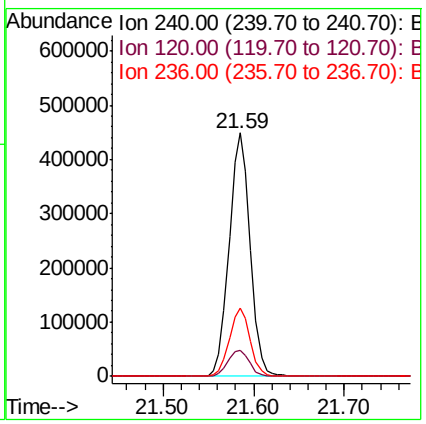


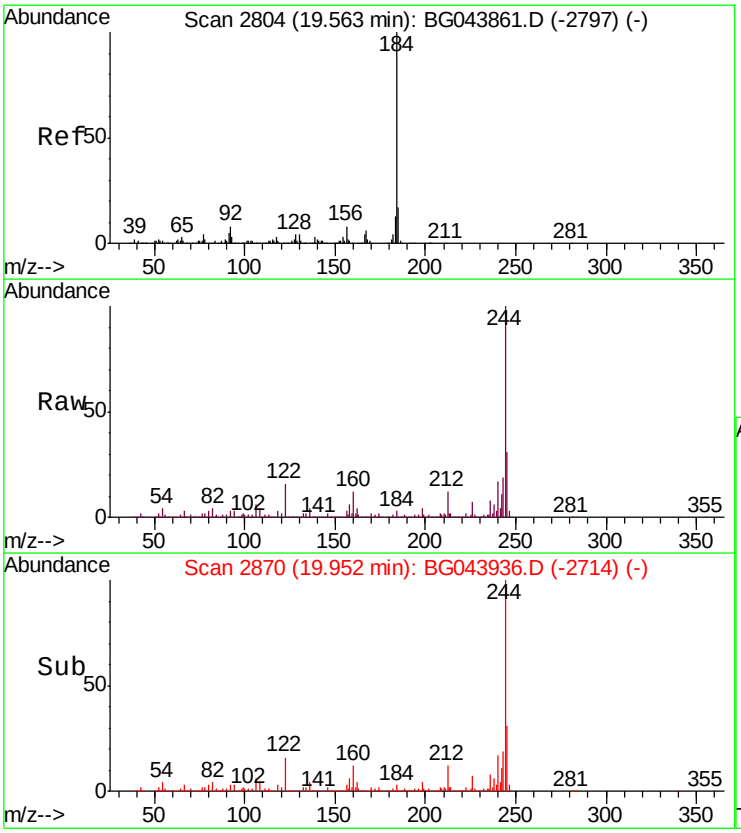
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:240 Resp: 724854

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	28.2	22.2	33.2

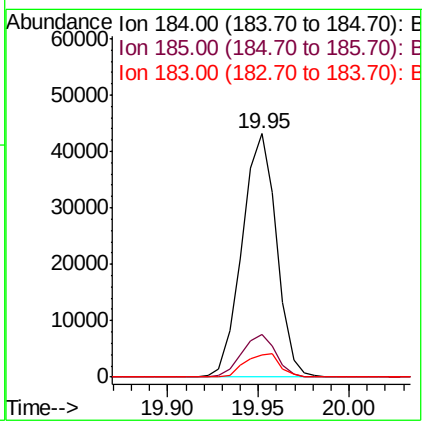


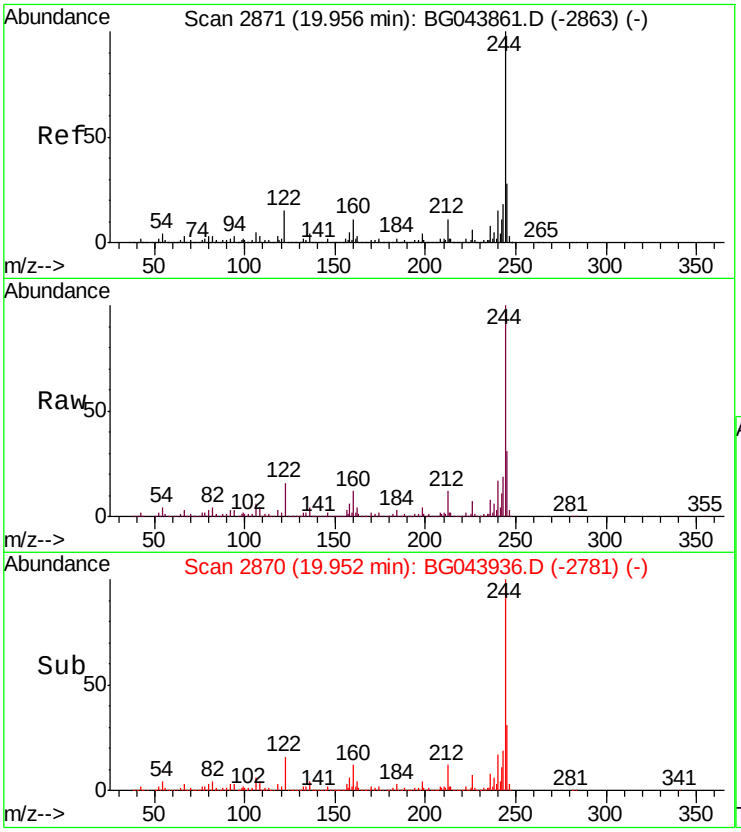


#77
Benzidine
Concen: 3.110 ng
RT: 19.95 min Scan# 2870
Delta R.T. 0.39 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:184 Resp: 56657

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.4	20.0
183	8.9	10.6	15.8#



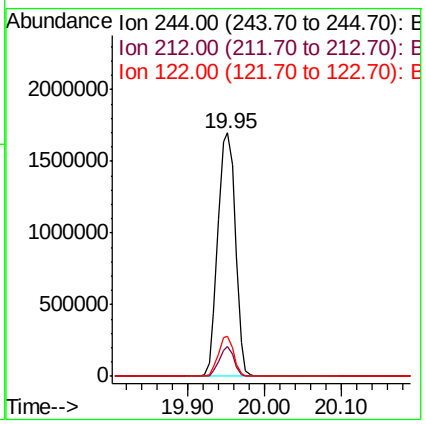


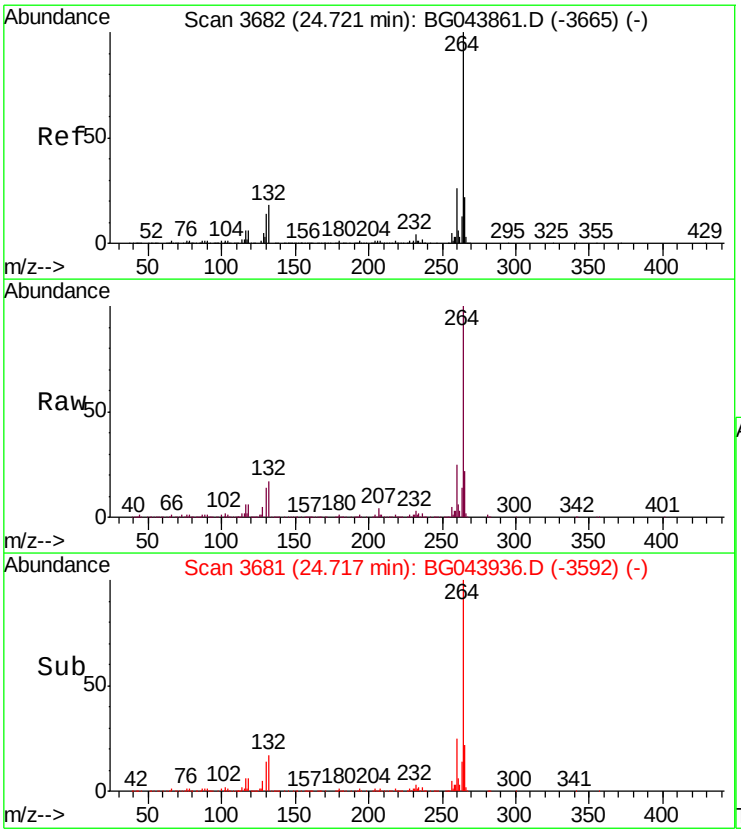
#79
Terphenyl-d14
Concen: 90.959 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tgt Ion:244 Resp: 2685105

Ion	Ratio	Lower	Upper
244	100		
212	12.2	8.6	13.0
122	16.2	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:264 Resp: 792923

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	22.3	17.4	26.2